

# STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2002 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, 2002

Beneficiary Characteristics	No. of Benes						No. of Bene Mos						Other/ Unknown
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown	
<b>All</b>	<b>575,621</b>	<b>5,698</b>	<b>87,879</b>	<b>179,904</b>	<b>302,140</b>	<b>0</b>	<b>4,616,646</b>	<b>48,172</b>	<b>866,446</b>	<b>1,218,317</b>	<b>2,483,711</b>	<b>0</b>	
<b>Age</b>													
5 and younger	116,203	0	725	7	115,471	0	901,411	0	6,281	39	895,091	0	
6-14	134,569	0	2,735	46	131,788	0	1,177,196	0	30,055	254	1,146,887	0	
15-20	78,480	0	4,420	19,454	54,606	0	603,249	0	43,940	119,134	440,175	0	
21-44	187,677	0	37,279	150,148	250	0	1,398,337	0	370,726	1,026,142	1,469	0	
45-64	52,757	0	42,516	10,238	3	0	486,595	0	413,888	72,680	27	0	
65-74	2,609	2,442	159	8	0	0	25,458	24,088	1,317	53	0	0	
75-84	1,626	1,599	25	2	0	0	13,146	12,994	139	13	0	0	
85 and older	1,678	1,657	20	1	0	0	11,192	11,090	100	2	0	0	
Unknown	22	0	0	0	22	0	62	0	0	0	62	0	
<b>Gender</b>													
Female	335,398	3,944	47,990	137,525	145,939	0	2,652,811	33,236	484,301	933,249	1,202,025	0	
Male	240,217	1,753	39,884	42,379	156,201	0	1,963,797	14,931	382,112	285,068	1,281,686	0	
Unknown	6	1	5	0	0	0	38	5	33	0	0	0	
<b>Race</b>													
White	465,301	3,377	63,347	144,611	253,966	0	3,903,054	26,448	618,758	1,043,177	2,214,671	0	
African American	84,332	1,277	21,356	23,384	38,315	0	545,785	11,088	218,909	104,723	211,065	0	
Other/unknown	25,988	1,044	3,176	11,909	9,859	0	167,807	10,636	28,779	70,417	57,975	0	
<b>Use of Nursing Facilities<sup>c</sup></b>													
Entire year	1,719	560	1,159	0	0	0	18,054	5,772	12,282	0	0	0	
Part year	1,744	352	1,372	9	11	0	16,751	3,235	13,358	81	77	0	
None	572,158	4,786	85,348	179,895	302,129	0	4,581,841	39,165	840,806	1,218,236	2,483,634	0	
<b>Maintenance Assistance Status</b>													
Cash	376,145	1,558	58,922	136,253	179,412	0	3,130,152	17,523	629,794	972,910	1,509,925	0	
Medically needy	0	0	0	0	0	0	0	0	0	0	0	0	
Poverty-related	71,828	208	58	21,342	50,220	0	471,701	823	268	90,094	380,516	0	
Other/unknown	127,648	3,932	28,899	22,309	72,508	0	1,014,793	29,826	236,384	155,313	593,270	0	
<b>Managed Care Status</b>													
FFS all year	450,698	5,681	86,295	122,334	236,388	0	4,279,796	48,064	857,613	1,039,285	2,334,834	0	
FFS part year, with Rx claims	35,978	16	1,202	20,160	14,600	0	137,817	100	7,334	75,996	54,387	0	
FFS part year, no Rx claims	88,945	1	382	37,410	51,152	0	199,033	8	1,499	103,036	94,490	0	

Table ND2

Nondual Beneficiaries

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

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

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

TABLE ND.3

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2002

Beneficiary Characteristics	% with at Least One Rx	Mean No. of Rx	Mean Rx \$	\$ per Rx	Mean \$, All Services	Rx \$ as % of All Services	No. of Benes
All	61.4 %	10.2	\$600	\$59	\$2,872	20.9 %	575,621
<b>Age</b>							
5 and younger	61.8	4.4	166	38	1,738	9.5	116,203
6-14	58.5	4.9	288	59	1,351	21.3	134,569
15-20	58.1	5.8	377	65	2,350	16.1	78,480
21-44	60.5	11.0	669	61	3,135	21.3	187,677
45-64	77.7	39.0	2,368	61	8,589	27.6	52,757
65-74	68.6	34.8	1,794	52	8,945	20.1	2,609
75-84	45.3	23.0	1,070	47	6,688	16.0	1,626
85 and older	30.2	14.1	598	42	5,411	11.1	1,678
Unknown	0.0	0.0	0	0	0	0.0	22
<b>Basis of Eligibility<sup>c</sup></b>							
Aged	51.3	25.8	1,257	49	7,340	17.1	5,698
Disabled	79.5	36.0	2,490	69	10,148	24.5	87,879
Adults	56.7	6.5	286	44	1,475	19.4	179,904
Children	59.2	4.7	225	48	1,502	15.0	302,140
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Gender</b>							
Female	63.7	11.4	607	53	2,787	21.8	335,398
Male	58.2	8.6	590	69	2,990	19.7	240,217
Unknown	83.3	10.0	1,013	101	4,022	25.2	6
<b>Race</b>							
White	64.7	10.7	618	58	2,727	22.7	465,301
African American	46.2	8.6	559	65	3,863	14.5	84,332
Other/unknown	51.3	7.6	411	54	2,244	18.3	25,988
<b>Use of Nursing Facilities<sup>d</sup></b>							
Entire year	98.3	85.1	4,835	57	39,108	12.4	1,719
Part year	96.7	70.7	4,331	61	39,980	10.8	1,744
None	61.2	9.8	576	59	2,650	21.7	572,158
<b>Maintenance Assistance Status</b>							
Cash	63.6	11.5	660	57	2,890	22.8	376,145
Medically needy	0.0	0.0	0	0	0	0.0	0
Poverty related	56.3	3.7	173	46	1,457	11.9	71,828
Other/unknown	57.9	10.0	665	66	3,613	18.4	127,648

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

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

TABLE ND.4  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2002

Beneficiary Characteristics	Mean No. of Rx	Mean Rx \$	Rx \$ as % of All Services	No. of Rx, % with:						Mean \$, All Services	Benes	Bene Mos
				None	More than 0, but 1 or Less	More than 1, but 2 or Less	More than 2, but 5 or Less	Less than 5, but 10 or More	More than 10			
<b>All</b>	<b>1.3</b>	<b>\$75</b>	<b>20.9 %</b>	<b>38.6 %</b>	<b>42.9 %</b>	<b>7.0 %</b>	<b>7.1 %</b>	<b>3.3 %</b>	<b>1.0 %</b>	<b>\$358</b>	<b>575,621</b>	<b>4,616,646</b>
<b>Age</b>												
5 and younger	0.6	21	9.5	38.2	54.4	5.3	1.9	0.1	0.0	224	116,203	901,411
6-14	0.6	33	21.3	41.5	49.8	4.8	3.3	0.5	0.1	154	134,569	1,177,196
15-20	0.8	49	16.1	41.9	45.5	6.9	4.5	1.0	0.2	306	78,480	603,249
21-44	1.5	90	21.3	39.5	37.6	8.7	9.4	3.8	0.9	421	187,677	1,398,337
45-64	4.2	257	27.6	22.3	18.6	10.3	23.0	18.7	7.1	931	52,757	486,595
65-74	3.6	184	20.1	31.4	17.6	9.2	19.6	16.9	5.3	917	2,609	25,458
75-84	2.8	132	16.0	54.7	9.5	6.2	13.5	12.1	3.9	827	1,626	13,146
85 and older	2.1	90	11.1	69.8	5.2	3.6	10.0	8.9	2.4	811	1,678	11,192
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0	22	62
<b>Basis of Eligibility<sup>c</sup></b>												
Aged	3.0	149	17.1	48.7	11.9	6.8	15.2	13.4	4.1	868	5,698	48,172
Disabled	3.7	253	24.5	20.5	23.5	11.1	22.7	16.4	5.9	1,029	87,879	866,446
Adults	1.0	42	19.4	43.3	40.3	8.0	6.5	1.6	0.2	218	179,904	1,218,317
Children	0.6	27	15.0	40.8	50.7	5.3	2.8	0.4	0.1	183	302,140	2,483,711
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Gender</b>												
Female	1.4	77	21.8	36.3	43.3	7.6	7.7	3.9	1.3	352	335,398	2,652,811
Male	1.0	72	19.7	41.8	42.4	6.2	6.4	2.6	0.7	366	240,217	1,963,797
Unknown	1.6	160	25.2	16.7	50.0	0.0	33.3	0.0	0.0	635	6	38
<b>Race</b>												
White	1.3	74	22.7	35.3	45.8	7.2	7.2	3.4	1.1	325	465,301	3,903,054
African American	1.3	86	14.5	53.8	29.5	6.0	6.8	3.2	0.8	597	84,332	545,785
Other/unknown	1.2	64	18.3	48.7	34.4	6.8	7.0	2.7	0.5	348	25,988	167,807
<b>Use of Nursing Facilities<sup>d</sup></b>												
Entire year	8.1	460	12.4	1.7	4.7	4.3	22.9	41.5	24.8	3,724	1,719	18,054
Part year	7.4	451	10.8	3.3	8.3	7.5	26.6	32.7	21.7	4,162	1,744	16,751
None	1.2	72	21.7	38.8	43.1	7.0	7.0	3.1	0.9	331	572,158	4,581,841
<b>Maintenance Assistance Status</b>												
Cash	1.4	79	22.8	36.4	43.3	7.6	7.8	3.7	1.2	347	376,145	3,130,152
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	26	11.9	43.7	47.6	5.6	2.8	0.3	0.0	222	71,828	471,701
Other/unknown	1.3	84	18.4	42.1	39.1	6.2	7.4	4.0	1.2	455	127,648	1,014,793

Table ND4

Nondual Beneficiaries

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

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

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



TABLE ND.5

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC<sup>a, b, c</sup>  
NONDUAL BENEFICIARIES, MISSOURI, 2002

Beneficiary Characteristics	All Rx		Patented Brand-Name Drugs		Off-Patent Brand-Name Drugs		Generic Drugs	
	No. of Rx	Rx \$	No. of Rx	\$ per Rx	No. of Rx	Rx \$	No. of Rx	Rx \$
<b>All</b>	<b>1.3</b>	<b>\$75</b>	<b>0.6</b>	<b>\$59</b>	<b>0.1</b>	<b>\$5</b>	<b>0.6</b>	<b>\$12</b>
<b>Age</b>								
5 and younger	0.6	21	0.2	38	0.1	2	0.3	4
6-14	0.6	33	0.3	59	0.1	4	0.2	4
15-20	0.8	49	0.4	65	0.1	4	0.3	7
21-44	1.5	90	0.6	61	0.1	5	0.7	14
45-64	4.2	257	1.9	61	0.3	15	2.1	41
65-74	3.6	184	1.6	52	0.2	11	1.7	33
75-84	2.8	132	1.2	47	0.2	8	1.4	25
85 and older	2.1	90	0.8	42	0.2	7	1.1	19
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
<b>Basis of Eligibility<sup>d</sup></b>								
Aged	3.0	149	1.3	49	0.2	9	1.5	28
Disabled	3.7	253	1.6	69	0.2	13	1.8	38
Adults	1.0	42	0.4	44	0.1	3	0.5	8
Children	0.6	27	0.3	48	0.1	3	0.2	4
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
<b>Gender</b>								
Female	1.4	77	0.6	53	0.1	5	0.7	13
Male	1.0	72	0.5	69	0.1	5	0.5	10
Unknown	1.6	160	0.8	101	0.1	5	0.7	12
<b>Race</b>								
White	1.3	74	0.6	58	0.1	5	0.6	12
African American	1.3	86	0.6	65	0.1	5	0.6	12
Other/unknown	1.2	64	0.5	54	0.1	4	0.6	10
<b>Use of Nursing Facilities<sup>e</sup></b>								
Entire year	8.1	460	3.3	57	0.6	28	4.2	80
Part year	7.4	451	3.0	61	0.5	25	3.8	72
None	1.2	72	0.5	59	0.1	5	0.6	11
<b>Maintenance Assistance Status</b>								
Cash	1.4	79	0.6	57	0.1	5	0.7	13
Medically needy	0.0	0	0.0	0	0.0	0	0.0	0
Poverty related	0.6	26	0.2	46	0.1	3	0.3	4
Other/unknown	1.3	84	0.6	66	0.1	6	0.6	11

Table ND5

Nondual Beneficiaries

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

- a. Table ND.5 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- c. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In Missouri, 0.5 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all combined. For information about this classification method, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003).
- d. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
- e. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

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

TABLE ND.6

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2002

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			\$ per Rx			Users								
	Total	Patented	Off-Patent	Brand-Name	Generic	Total	Patented	Off-Patent	Brand-Name	Generic	Total No. of Rx	Total Rx \$	No.	As % of All Benes	No. of Bene Mos			
																Total	Patented	Off-Patent
Anti-infective Agents	0.3	0.1	0.0	0.1	0.1	\$15	\$12	\$1	\$2	\$55	\$89	\$77	\$15	706,166	\$38,569,407	247,649	43.0 %	2,595,602
Biologicals	0.1	0.1	0.0	0.0	0.0	54	44	1	9	394	358	998	692	11,796	4,652,609	7,971	1.4	86,127
Antineoplastic Agents	0.7	0.4	0.1	0.3	0.3	290	249	22	18	403	657	271	71	20,312	8,179,429	2,797	0.5	28,247
Endocrine/Metabolic Drugs	0.5	0.3	0.1	0.2	0.2	23	17	2	3	45	66	32	18	549,721	24,721,062	103,771	18.0	1,081,023
Cardiovascular Agents	1.2	0.5	0.1	0.6	0.6	44	31	3	10	38	65	37	16	662,293	24,869,229	53,538	9.3	560,595
Respiratory Agents	0.4	0.2	0.1	0.2	0.2	20	15	3	3	46	69	45	16	887,643	40,640,167	191,132	33.2	2,035,471
Gastrointestinal Agents	0.4	0.1	0.0	0.3	0.3	27	21	2	4	65	141	118	17	255,797	16,564,394	58,789	10.2	619,921
Genitourinary Agents	0.2	0.2	0.0	0.1	0.1	12	11	0	1	50	63	38	15	67,130	3,342,145	26,971	4.7	276,798
CNS Drugs	1.0	0.5	0.0	0.4	0.4	80	68	2	9	83	135	84	22	990,246	82,393,642	100,344	17.4	1,036,262
Stimulants/Anti-obesity/Anorexia	0.6	0.4	0.1	0.2	0.2	43	28	7	8	66	77	68	42	90,607	5,994,394	13,087	2.3	140,596
Miscellaneous Psychological/Neurological Agents	0.5	0.4	0.0	0.1	0.1	78	76	0	2	146	185	53	18	6,749	987,727	1,176	0.2	12,693
Analgesics and Anesthetics	0.5	0.1	0.0	0.3	0.3	24	17	2	6	49	121	63	17	722,851	35,236,372	139,331	24.2	1,456,995
Neuromuscular Agents	0.7	0.3	0.0	0.3	0.3	44	35	3	7	67	122	58	20	398,849	26,702,628	57,221	9.9	606,256
Nutritional Products	0.3	0.0	0.0	0.2	0.2	5	0	1	4	19	28	22	18	120,219	2,274,226	44,227	7.7	423,469
Hematological Agents	0.7	0.3	0.1	0.3	0.3	139	124	2	13	199	386	29	42	93,374	18,573,076	13,026	2.3	133,892
Topical Products	0.2	0.1	0.0	0.1	0.1	7	5	1	2	36	63	52	16	267,575	9,510,240	121,043	21.0	1,302,964
Miscellaneous Products	0.4	0.1	0.0	0.2	0.2	53	36	9	8	143	270	283	39	12,788	1,834,606	3,307	0.6	34,364
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	0.0	4	0	0	0	22	0	0	0	20,354	438,310	10,283	1.8	111,879
<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.	n.a.	5,884,470	345,483,663	n.a.	n.a.	n.a.

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

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

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

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

d. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In Missouri, 0.5 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined. For information about this classification method, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003).

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

TABLE ND.7  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2002

Top 10 Drug Groups	Users				Among Users		
	Total Medicaid Rx \$	No. As % of All Benes	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo	
ANTIPSYCHOTICS	\$43,795,792	38,482	417,525	0.6	\$186	\$105	
ANTIDEPRESSANTS	31,815,930	102,770	1,091,014	0.5	65	29	
ANTICONVULSANT	22,056,573	37,328	403,587	0.6	88	55	
ANTIASTHMATIC	17,731,988	99,190	1,078,539	0.3	57	16	
ANALGESICS - Narcotic	16,752,688	147,454	1,585,025	0.3	40	11	
ANALGESICS - ANTI-INFLAMMATORY	13,495,937	96,157	1,046,671	0.2	56	13	
ANTIVIRAL	11,674,916	9,867	106,989	0.3	390	109	
ANTIHISTAMINES	11,627,572	100,633	1,115,600	0.2	50	10	
MISC. HEMATOLOGICAL	11,239,703	3,911	42,225	0.5	527	266	
ULCER DRUGS	10,886,070	60,717	656,748	0.3	58	17	
Total	191,077,169	696,509	7,543,923	n.a.	n.a.	n.a.	

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

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

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

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

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

TABLE ND.7A  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED  
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BOE, AND AGE<sup>a,b,c</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2002

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTIDEPRESSANTS						
	No. of Rx	Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
<b>All</b>	<b>2,425,561</b>	<b>\$191,077,169</b>	<b>38,482</b>	<b>6.7 %</b>	<b>417,525</b>	<b>0.6</b>	<b>\$105</b>	<b>102,770</b>	<b>17.9 %</b>	<b>1,091,014</b>	<b>0.5</b>	<b>\$29</b>					
<b>Female</b>	1,540,711	106,288,898	20,849	6.2	227,747	0.5	92	71,650	21.4	763,247	0.4	29					
<b>Disabled</b>	921,965	72,912,241	14,200	29.6	159,403	0.6	109	34,254	71.4	378,199	0.5	36					
5 and younger	1,224	103,313	3	0.9	36	0.5	79	1	0.3	12	0.3	19					
6-14	8,231	803,766	144	14.7	1,614	0.6	110	176	17.9	1,950	0.5	28					
15-20	17,277	1,537,649	427	23.6	4,743	0.6	97	652	36.1	7,125	0.5	34					
21-44	341,644	28,624,311	7,102	36.6	79,588	0.5	104	14,608	75.3	161,178	0.5	34					
45-64	552,585	41,769,120	6,508	25.7	73,259	0.6	116	18,782	74.0	207,557	0.6	37					
65-74	980	73,295	16	16.5	163	0.5	143	34	35.1	365	0.5	32					
75-84	10	446	0	0.0	0	0.0	0	1	7.7	12	0.2	14					
85 and older	14	341	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
<b>Other Eligibles</b>	618,746	33,376,657	6,649	2.3	68,344	0.4	52	37,396	13.0	385,048	0.3	22					
5 and younger	47,434	2,020,216	80	0.3	899	0.3	38	145	0.3	1,670	0.3	9					
6-14	89,826	5,466,391	1,232	1.9	13,212	0.4	65	3,220	5.0	35,216	0.4	21					
15-20	83,711	4,519,270	1,364	3.1	13,730	0.4	59	5,663	13.1	59,008	0.3	20					
21-44	330,240	17,085,575	3,244	2.8	32,776	0.3	36	25,537	22.4	260,531	0.3	22					
45-64	31,569	1,951,493	212	3.7	2,100	0.3	43	1,900	33.4	18,384	0.5	29					
65-74	21,152	1,460,351	275	17.8	3,133	0.8	131	490	31.8	5,597	0.6	32					
75-84	8,959	544,628	129	12.0	1,369	0.7	77	245	22.8	2,662	0.6	37					
85 and older	5,855	328,733	113	8.5	1,125	0.6	72	196	14.7	1,980	0.7	39					
<b>Male</b>	884,837	84,782,948	17,631	7.3	189,766	0.6	121	31,119	13.0	327,758	0.5	30					
<b>Disabled</b>	526,862	59,848,195	11,359	28.5	125,474	0.7	138	16,785	42.1	180,953	0.5	33					
5 and younger	1,952	170,504	13	3.2	139	0.5	76	14	3.5	144	0.4	21					
6-14	15,988	2,988,198	466	26.6	5,362	0.6	107	363	20.7	4,119	0.5	31					
15-20	23,548	5,865,650	860	32.9	9,276	0.6	129	882	33.7	9,497	0.5	30					
21-44	233,578	27,868,437	6,483	36.3	71,463	0.7	140	8,192	45.8	87,864	0.5	33					
45-64	251,210	22,916,017	3,531	20.6	39,168	0.7	142	7,325	42.7	79,221	0.6	34					
65-74	523	35,239	6	9.7	66	0.9	54	8	12.9	96	0.3	20					
75-84	63	4,150	0	0.0	0	0.0	0	1	8.3	12	1.0	80					
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
<b>Other Eligibles</b>	357,975	24,934,753	6,272	3.1	64,292	0.5	86	14,334	7.2	146,805	0.4	25					
5 and younger	62,895	2,989,536	205	0.3	2,245	0.3	47	218	0.4	2,489	0.3	11					
6-14	127,049	10,130,503	3,049	4.5	32,577	0.5	88	5,176	7.7	56,465	0.4	25					
15-20	62,627	5,245,426	1,862	6.1	18,239	0.6	98	3,354	10.9	33,983	0.4	29					
21-44	74,949	4,363,673	791	2.2	7,454	0.3	50	4,455	12.3	42,481	0.3	22					
45-64	16,930	1,251,256	84	1.8	835	0.4	52	782	17.2	7,640	0.4	25					
65-74	8,769	630,082	167	18.4	1,856	0.8	117	195	21.5	2,177	0.6	35					
75-84	3,033	212,672	63	11.9	637	0.7	111	92	17.4	973	0.6	36					
85 and older	1,723	111,605	51	15.7	449	0.6	68	62	19.1	597	0.6	35					
<b>Unknown</b>	33	5,323	2	7.1	12	0.8	265	1	3.6	9	0.6	55					

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

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

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

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

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

TABLE ND.7B  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY,  
 BY SEX, BOE, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2002

Beneficiary Characteristics	ANTICONVULSANT					ANTIASTHMATIC					ANALGESICS - Narcotic				
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx	Mean No. of Rx	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx	Mean No. of Rx	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx	Mean No. of Rx
<b>All</b>	<b>37,328</b>	<b>6.5 %</b>	<b>403,587</b>	<b>0.6</b>	<b>0.6</b>	<b>99,190</b>	<b>17.2 %</b>	<b>1,078,539</b>	<b>0.3</b>	<b>0.3</b>	<b>147,454</b>	<b>25.6 %</b>	<b>1,585,025</b>	<b>0.3</b>	<b>\$11</b>
<b>Female</b>	22,110	6.6	240,072	0.6	0.6	58,478	17.4	637,206	0.3	0.3	101,951	30.4	1,103,354	0.3	9
<b>Disabled</b>	14,666	30.6	163,269	0.7	0.7	23,070	48.1	258,999	0.4	0.4	38,677	80.6	431,556	0.4	17
5 and younger	47	14.7	481	0.7	0.7	133	41.6	1,474	0.3	0.3	24	7.5	276	0.1	1
6-14	283	28.8	3,263	0.8	0.8	306	31.2	3,514	0.3	0.3	147	15.0	1,736	0.2	7
15-20	559	31.0	6,144	0.7	0.7	418	23.1	4,724	0.3	0.3	702	38.9	7,761	0.2	5
21-44	6,944	35.8	77,088	0.7	0.7	7,758	40.0	87,736	0.3	0.3	16,423	84.7	183,861	0.3	15
45-64	6,825	26.9	76,217	0.7	0.7	14,429	56.9	161,324	0.5	0.5	21,343	84.1	237,513	0.4	20
65-74	8	8.2	76	0.7	0.7	24	24.7	212	0.5	0.5	38	39.2	409	0.3	11
75-84	0	0.0	0	0.0	0.0	1	7.7	3	0.3	0.3	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0.0	1	7.1	12	0.8	0.8	0	0.0	0	0.0	0
<b>Other Eligibles</b>	7,444	2.6	76,803	0.4	0.4	35,408	12.3	378,207	0.2	0.2	63,274	22.0	671,798	0.2	4
5 and younger	324	0.6	3,549	0.5	0.5	9,428	16.8	102,495	0.2	0.2	1,544	2.8	17,448	0.1	1
6-14	1,108	1.7	11,960	0.6	0.6	7,882	12.3	87,612	0.2	0.2	4,386	6.8	49,985	0.1	1
15-20	1,134	2.6	11,544	0.5	0.5	4,443	10.3	47,294	0.2	0.2	9,977	23.0	107,722	0.1	2
21-44	4,229	3.7	42,939	0.4	0.4	11,887	10.4	122,148	0.2	0.2	43,884	38.5	460,332	0.2	5
45-64	317	5.6	3,124	0.5	0.5	930	16.4	9,321	0.3	0.3	2,419	42.5	24,512	0.3	9
65-74	176	11.4	2,025	0.9	0.9	530	34.3	6,102	0.5	0.5	624	40.4	7,129	0.4	14
75-84	103	9.6	1,129	0.8	0.8	180	16.8	2,025	0.5	0.5	256	23.9	2,801	0.5	18
85 and older	53	4.0	533	0.7	0.7	128	9.6	1,210	0.4	0.4	184	13.8	1,869	0.5	18
<b>Male</b>	15,214	6.3	163,491	0.7	0.7	40,711	16.9	441,328	0.3	0.3	45,503	18.9	481,671	0.3	13
<b>Disabled</b>	10,163	25.5	111,467	0.7	0.7	10,701	26.8	117,696	0.4	0.4	20,760	52.1	223,354	0.4	23
5 and younger	71	17.5	783	0.6	0.6	181	44.7	1,986	0.3	0.3	46	11.4	510	0.1	1
6-14	491	28.0	5,577	0.8	0.8	613	34.9	7,127	0.3	0.3	229	13.1	2,671	0.2	3
15-20	733	28.0	8,077	0.8	0.8	444	17.0	5,050	0.3	0.3	615	23.5	6,743	0.2	6
21-44	5,414	30.3	59,484	0.7	0.7	2,998	16.8	33,000	0.4	0.4	9,423	52.7	101,479	0.4	23
45-64	3,448	20.1	37,500	0.7	0.7	6,446	37.6	70,350	0.5	0.5	10,422	60.8	111,728	0.4	25
65-74	5	8.1	34	0.7	0.7	18	29.0	171	0.7	0.7	24	38.7	211	0.7	56
75-84	1	8.3	12	1.0	1.0	1	8.3	12	0.1	0.1	1	8.3	12	0.8	54
85 and older	0	0.0	0	0.0	0.0	0	0.0	0	0.0	0.0	0	0.0	0	0.0	0
<b>Other Eligibles</b>	5,051	2.5	52,024	0.5	0.5	30,010	15.0	323,632	0.2	0.2	24,743	12.4	258,317	0.2	5
5 and younger	433	0.7	4,633	0.5	0.5	13,362	22.5	143,725	0.2	0.2	2,300	3.9	25,745	0.1	1
6-14	1,995	3.0	21,597	0.5	0.5	10,588	15.7	117,366	0.2	0.2	4,383	6.5	49,877	0.1	1
15-20	1,139	3.7	11,368	0.6	0.6	2,963	9.6	31,727	0.3	0.3	4,597	15.0	49,295	0.1	2
21-44	1,119	3.1	10,698	0.4	0.4	2,229	6.1	21,986	0.2	0.2	11,468	31.6	113,206	0.2	7
45-64	200	4.4	1,967	0.4	0.4	496	10.9	4,805	0.3	0.3	1,601	35.2	15,956	0.3	15
65-74	110	12.1	1,214	0.8	0.8	249	27.5	2,769	0.5	0.5	252	27.8	2,808	0.4	14
75-84	35	6.6	356	0.8	0.8	91	17.2	976	0.5	0.5	83	15.7	887	0.3	6
85 and older	20	6.2	191	0.6	0.6	32	9.8	278	0.5	0.5	59	18.2	543	0.4	17
<b>Unknown</b>	4	14.3	24	0.3	0.3	1	3.6	5	0.2	0.2	0	0.0	0	0.0	0

Table ND7B  
 Nondual Beneficiaries

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

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

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



TABLE ND.7C  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,  
 BY SEX, BOE, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2002

Beneficiary Characteristics	ANALGESICS - ANTI-INFLAMMATORY					ANTIVIRAL					ANTIHISTAMINES				
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
<b>All</b>	<b>96,157</b>	<b>16.7 %</b>	<b>1,046,671</b>	<b>0.2</b>	<b>\$13</b>	<b>9,867</b>	<b>1.7 %</b>	<b>106,989</b>	<b>0.3</b>	<b>\$109</b>	<b>100,633</b>	<b>17.5 %</b>	<b>1,115,600</b>	<b>0.2</b>	<b>\$10</b>
<b>Female</b>	66,144	19.7	720,739	0.2	14	5,729	1.7	62,237	0.2	67	61,265	18.3	676,579	0.2	11
<b>Disabled</b>	24,496	51.0	276,362	0.3	25	1,971	4.1	22,142	0.3	134	14,484	30.2	164,578	0.3	18
5 and younger	16	5.0	168	0.1	2	5	1.6	42	0.4	32	59	18.4	672	0.2	9
6-14	108	11.0	1,254	0.2	5	19	1.9	228	0.3	75	258	26.3	3,013	0.3	18
15-20	431	23.9	4,916	0.2	8	49	2.7	561	0.2	56	409	22.6	4,655	0.3	14
21-44	9,622	49.6	108,640	0.3	16	987	5.1	11,095	0.4	143	5,574	28.7	63,362	0.3	15
45-64	14,287	56.3	161,012	0.4	31	910	3.6	10,204	0.3	130	8,162	32.2	92,650	0.4	21
65-74	30	30.9	358	0.5	39	1	1.0	12	0.1	5	21	21.6	214	0.5	29
75-84	1	7.7	2	0.5	38	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	1	7.1	12	0.1	7	0	0.0	0	0.0	0	1	7.1	12	0.3	12
<b>Other Eligibles</b>	41,648	14.5	444,377	0.2	7	3,758	1.3	40,095	0.2	30	46,781	16.3	512,001	0.2	8
5 and younger	3,033	5.4	34,301	0.1	2	350	0.6	3,975	0.1	6	11,627	20.7	129,616	0.1	5
6-14	4,413	6.9	50,497	0.1	2	723	1.1	8,293	0.1	10	13,595	21.2	154,339	0.2	10
15-20	7,620	17.6	82,345	0.1	4	611	1.4	6,473	0.1	12	6,651	15.3	72,129	0.2	8
21-44	23,921	21.0	249,314	0.2	8	1,915	1.7	19,671	0.2	44	13,559	11.9	141,568	0.2	9
45-64	1,741	30.6	17,402	0.3	20	111	2.0	1,163	0.2	108	876	15.4	9,005	0.3	15
65-74	633	41.0	7,361	0.4	29	24	1.6	281	0.1	30	299	19.4	3,482	0.4	22
75-84	194	18.1	2,191	0.5	38	8	0.7	90	0.1	6	90	8.4	997	0.3	13
85 and older	93	7.0	966	0.5	34	16	1.2	149	0.1	9	84	6.3	865	0.3	12
<b>Male</b>	30,011	12.5	325,920	0.2	11	4,138	1.7	44,752	0.4	168	39,367	16.4	439,016	0.2	10
<b>Disabled</b>	11,588	29.1	128,134	0.3	21	2,452	6.1	26,155	0.5	260	6,266	15.7	70,536	0.3	18
5 and younger	22	5.4	238	0.2	2	3	0.7	32	0.1	3	92	22.7	1,020	0.2	9
6-14	134	7.6	1,577	0.2	20	54	3.1	634	0.3	112	474	27.0	5,539	0.3	19
15-20	374	14.3	4,222	0.2	5	37	1.4	414	0.2	59	437	16.7	4,996	0.3	18
21-44	5,041	28.2	55,702	0.3	14	1,516	8.5	16,117	0.5	252	2,621	14.7	29,638	0.3	17
45-64	6,005	35.0	66,262	0.4	27	841	4.9	8,955	0.5	296	2,637	15.4	29,283	0.4	19
65-74	11	17.7	124	0.4	24	1	1.6	3	0.3	20	4	6.5	48	0.5	26
75-84	1	8.3	9	0.8	60	0	0.0	0	0.0	0	1	8.3	12	0.1	1
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>Other Eligibles</b>	18,423	9.2	197,786	0.2	6	1,686	0.8	18,597	0.1	39	33,101	16.5	368,480	0.2	9
5 and younger	3,373	5.7	38,082	0.1	2	423	0.7	4,728	0.1	5	12,905	21.7	143,884	0.1	5
6-14	3,945	5.8	45,129	0.1	2	621	0.9	7,121	0.1	7	14,004	20.7	158,687	0.2	11
15-20	3,852	12.5	41,438	0.1	3	258	0.8	2,880	0.1	12	3,531	11.5	38,452	0.2	10
21-44	5,927	16.3	59,366	0.2	9	299	0.8	2,971	0.2	131	2,161	6.0	22,228	0.2	9
45-64	1,022	22.4	10,341	0.3	19	66	1.4	689	0.3	294	348	7.6	3,524	0.2	14
65-74	209	23.1	2,387	0.3	22	14	1.5	158	0.4	97	94	10.4	1,086	0.4	24
75-84	65	12.3	728	0.4	26	3	0.6	29	0.1	6	36	6.8	385	0.5	27
85 and older	30	9.2	315	0.5	39	2	0.6	21	0.1	4	22	6.8	234	0.4	20
<b>Unknown</b>	2	7.1	12	0.3	56	0	0.0	0	0.0	0	1	3.6	5	1.0	41

Table ND7C  
 Nondual Beneficiaries

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

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

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

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

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

TABLE ND.7D  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS  
 SEPARATELY, BY SEX, BOE, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2002

Beneficiary Characteristics	MISC. HEMATOLOGICAL				ULCER DRUGS				No. of Bene Mos			
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users		Mean No. of Rx	Mean Rx \$	
<b>All</b>	<b>3,911</b>	<b>0.7 %</b>	<b>42,225</b>	<b>0.5</b>	<b>\$266</b>	<b>60,717</b>	<b>10.5 %</b>	<b>656,748</b>	<b>0.3</b>	<b>\$17</b>	<b>575,621</b>	<b>4,616,646</b>
<b>Female</b>	2,248	0.7	24,456	0.5	52	40,881	12.2	445,580	0.3	16	335,383	2,652,768
<b>Disabled</b>	1,878	3.9	20,610	0.5	49	21,361	44.5	239,751	0.4	20	47,990	484,301
5 and younger	1	0.3	12	0.1	10	48	15.0	520	0.4	32	320	2,758
6-14	0	0.0	0	0.0	0	130	13.3	1,513	0.5	51	981	10,815
15-20	9	0.5	108	0.3	23	305	16.9	3,465	0.3	25	1,806	18,022
21-44	238	1.2	2,626	0.4	40	7,220	37.2	81,437	0.3	17	19,393	198,499
45-64	1,628	6.4	17,840	0.5	50	13,629	53.7	152,500	0.4	21	25,366	253,191
65-74	2	2.1	24	0.3	15	27	27.8	292	0.4	24	97	876
75-84	0	0.0	0	0.0	0	1	7.7	12	0.5	11	13	69
85 and older	0	0.0	0	0.0	0	1	7.1	12	0.1	1	14	71
<b>Other Eligibles</b>	370	0.1	3,846	0.5	67	19,520	6.8	205,829	0.2	12	287,393	2,168,467
5 and younger	1	0.0	4	0.3	19	1,683	3.0	15,923	0.2	9	56,086	434,579
6-14	4	0.0	41	0.5	1,261	2,281	3.6	25,801	0.2	8	64,252	558,436
15-20	6	0.0	63	0.4	741	2,943	6.8	31,984	0.2	8	43,339	318,128
21-44	120	0.1	1,182	0.3	25	10,534	9.2	110,278	0.2	13	114,080	783,987
45-64	65	1.1	648	0.4	40	1,090	19.2	10,923	0.3	19	5,687	40,079
65-74	93	6.0	1,051	0.5	51	578	37.5	6,619	0.4	20	1,543	15,519
75-84	48	4.5	539	0.6	53	240	22.4	2,587	0.5	22	1,073	8,821
85 and older	33	2.5	318	0.7	63	171	12.8	1,714	0.6	19	1,333	8,918
<b>Male</b>	1,663	0.7	17,769	0.5	562	19,835	8.3	211,165	0.3	18	240,210	1,963,778
<b>Disabled</b>	1,374	3.4	14,831	0.5	531	10,580	26.5	115,710	0.4	22	39,884	382,112
5 and younger	2	0.5	20	0.4	811	75	18.5	771	0.4	30	405	3,523
6-14	3	0.2	36	5.1	39,168	180	10.3	2,081	0.4	44	1,754	19,240
15-20	11	0.4	132	2.6	25,160	292	11.2	3,237	0.3	25	2,614	25,918
21-44	196	1.1	2,094	0.4	769	4,066	22.7	44,596	0.3	20	17,882	172,203
45-64	1,157	6.7	12,495	0.5	121	5,949	34.7	64,854	0.4	22	17,149	160,688
65-74	3	4.8	30	0.5	34	14	22.6	126	0.5	35	62	441
75-84	2	16.7	24	0.5	59	4	33.3	45	0.2	6	12	70
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	6	29
<b>Other Eligibles</b>	289	0.1	2,938	0.5	716	9,255	4.6	95,455	0.2	13	200,326	1,581,666
5 and younger	13	0.0	153	0.4	1,179	1,897	3.2	18,102	0.2	9	59,392	460,551
6-14	17	0.0	194	0.9	5,905	1,924	2.8	21,881	0.2	8	67,582	588,705
15-20	12	0.0	144	0.6	4,695	1,372	4.5	14,764	0.2	9	30,721	241,181
21-44	70	0.2	653	0.3	34	3,037	8.4	30,390	0.2	17	36,318	243,624
45-64	80	1.8	767	0.5	45	646	14.2	6,226	0.3	21	4,554	32,628
65-74	55	6.1	611	0.5	38	236	26.0	2,627	0.4	19	906	8,617
75-84	28	5.3	276	0.5	52	90	17.0	966	0.4	23	528	4,186
85 and older	14	4.3	140	0.6	58	53	16.3	499	0.6	31	325	2,174
<b>Unknown</b>	0	0.0	0	0.0	0	1	3.6	3	0.3	6	28	100

Table ND7D

Nondual Beneficiaries

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

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

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

TABLE ND.8  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2002

Beneficiary Characteristics	Rx \$ per Bene Mo	No. of Rx per Bene Mo	No. of All-Year NF Residents	Bene Mos among All-Year NF Residents
<b>All</b>	<b>\$460</b>	<b>8.1</b>	<b>1,719</b>	<b>18,054</b>
<b>Age</b>				
0-64	523	8.7	1,154	12,231
65-74	425	7.6	177	1,966
75-84	335	7.3	159	1,648
85 and older	240	5.8	229	2,209
Unknown	0	0.0	0	0
<b>Gender</b>				
Female	470	8.4	940	10,167
Male	448	7.7	779	7,887
Unknown	0	0.0	0	0
<b>Race</b>				
White	466	8.5	1,199	12,438
African American	462	7.4	467	5,079
Other/unknown	320	6.1	53	537
<b>Basis of Eligibility<sup>c</sup></b>				
Aged	329	6.8	560	5,772
Disabled	522	8.7	1,159	12,282
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 2002 file for Missouri, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2002 Medicaid enrollment. A total of 1,744 beneficiaries who were in nursing facilities for part of their enrollment and their 16,751 benefit months were excluded from the analysis. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

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

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

TABLE ND.9  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a, b, c, d, e</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2002

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			\$ per Rx			Users							
	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total # of Rx	Total Rx \$	No.	As % of All-Year NF Residents					
												No.	Mos				
Anti-infective Agents	0.5	0.2	0.0	0.2	\$37	\$31	\$2	\$4	\$76	\$130	\$72	\$18	6,050	\$459,409	1,144	66.6 %	12,560
Biologicals	0.1	0.1	0.0	0.0	1	1	0	0	15	14	0	19	203	2,976	193	11.2	2,218
Antineoplastic Agents	0.6	0.2	0.2	0.3	131	74	29	28	202	402	173	95	455	92,081	70	4.1	702
Endocrine/Metabolic Drugs	1.2	0.6	0.1	0.5	47	36	3	8	38	63	25	15	10,521	403,016	775	45.1	8,501
Cardiovascular Agents	2.0	0.6	0.2	1.2	58	32	6	19	29	57	32	15	23,077	664,069	1,080	62.8	11,474
Respiratory Agents	1.0	0.4	0.1	0.5	40	28	5	7	42	65	62	16	8,894	372,101	851	49.5	9,313
Gastrointestinal Agents	1.0	0.2	0.0	0.8	34	20	2	12	34	92	78	16	10,084	341,650	942	54.8	10,066
Genitourinary Agents	0.7	0.5	0.0	0.2	43	38	0	5	59	78	37	22	2,804	166,710	351	20.4	3,892
CNS Drugs	2.2	1.3	0.1	0.9	215	186	6	23	97	147	66	27	33,065	3,214,095	1,376	80.0	14,938
Stimulants/Anti-obesity/Anorexia	0.6	0.0	0.3	0.3	53	0	33	20	82	0	104	61	31	2,536	4	0.2	48
Miscellaneous Psychological/Neurological Agents	0.8	0.8	0.0	0.0	99	99	0	0	124	125	0	10	1,445	179,129	172	10.0	1,813
Analgesics and Anesthetics	1.2	0.4	0.1	0.7	56	41	5	10	47	98	47	14	11,776	547,788	912	53.1	9,828
Neuromuscular Agents	1.8	0.7	0.2	0.9	108	75	9	23	60	105	52	26	18,827	1,132,656	941	54.7	10,483
Nutritional Products	0.8	0.0	0.1	0.7	15	0	2	14	20	30	22	20	5,191	103,642	624	36.3	6,738
Hematological Agents	1.3	0.4	0.3	0.6	68	55	5	8	53	151	17	13	6,989	373,781	537	31.2	5,516
Topical Products	0.5	0.2	0.0	0.3	21	14	2	5	41	68	52	18	5,647	229,645	988	57.5	10,930
Miscellaneous Products	0.4	0.1	0.0	0.3	8	3	2	3	18	31	208	9	707	12,792	153	8.9	1,636
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	9	0	0	0	29	0	0	0	464	13,350	123	7.2	1,417
<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.	146,230	8,311,426	n.a.	n.a.	n.a.

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

- a. Table ND.9 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,744 beneficiaries who were in nursing facilities for part of their enrollment and their 16,751 benefit months were excluded from the analysis.
- b. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2002. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- d. For information about these therapeutic categories, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003).
- e. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. For information about this classification method, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003). In Missouri, 0.5 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined.

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

TABLE ND.10  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY TOP-10 DRUG GROUP<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2002

Top 10 Drug Groups in Nursing Facilities	Users				Among Users		
	Total Medicaid Rx \$	No. of Users	As % of All-Year NF Residents	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo
ANTIPSYCHOTICS	\$2,219,576	1,283	74.6 %	14,415	0.9	\$176	\$154
ANTICONVULSANT	912,107	1,071	62.3	12,213	1.1	65	75
ANTIDEPRESSANTS	822,063	1,381	80.3	15,468	0.9	62	53
ANALGESICS - Narcotic	285,253	954	55.5	10,312	0.7	38	28
ANTI-DIABETIC	285,899	693	40.3	7,770	0.9	43	37
ULCER DRUGS	234,649	893	51.9	9,706	0.7	37	24
ANALGESICS - ANTI-INFLAMMATORY	220,429	508	29.6	5,684	0.6	62	39
ANTI-ASTHMATIC	215,845	718	41.8	7,906	0.6	42	27
ANTI-HYPERTENSIVE	190,128	639	37.2	6,949	0.8	32	27
MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL	179,129	170	9.9	1,807	0.8	124	99
<b>Total</b>	<b>5,565,078</b>	<b>8,310</b>		<b>92,230</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>

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

a. Table ND.10 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,744 beneficiaries who were in nursing facilities for part of their enrollment and their 16,751 benefit months were excluded from the analysis.

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

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

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

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



TABLE ND.10A

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

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTICONVULSANT				
	No. of Rx	Rx \$	Users as %			Mean Rx \$	No. of Users	Users as %			Mean Rx \$	No. of Users	Users as %		
			No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$			Residents	NF	No. of Bene Mos among Users			Mean No. of Rx	Mean Rx \$	Residents
<b>All</b>	<b>76,399</b>	<b>\$5,565,078</b>	<b>1,233</b>	<b>74.6 %</b>	<b>14,415</b>	<b>0.9</b>	<b>\$154</b>	<b>1,071</b>	<b>62.3 %</b>	<b>12,213</b>	<b>1.1</b>	<b>\$75</b>			
<b>Female</b>	44,140	3,278,204	754	80.2	8,588	0.9	153	582	61.9	6,715	1.1	74			
<b>Disabled</b>	30,779	2,434,381	537	96.2	6,152	0.9	169	458	82.1	5,297	1.1	81			
64 or younger	30,750	2,431,771	536	96.4	6,140	0.9	169	457	82.2	5,285	1.1	81			
65-74	29	2,610	1	50.0	12	1.3	166	1	50.0	12	1.1	51			
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>Other Eligibles</b>	13,361	843,823	217	56.8	2,436	0.8	114	124	32.5	1,418	1.0	48			
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
65-74	4,927	359,204	88	92.6	1,046	0.8	151	56	58.9	661	1.1	60			
75-84	4,333	247,034	63	55.8	696	0.9	91	42	37.2	474	0.9	44			
85 and older	4,101	237,585	66	37.9	694	0.7	81	26	14.9	283	0.8	29			
<b>Male</b>	32,259	2,286,874	529	67.9	5,827	0.9	155	489	62.8	5,498	1.2	76			
<b>Disabled</b>	26,342	1,894,781	407	67.7	4,544	0.9	166	428	71.2	4,847	1.2	79			
64 or younger	26,246	1,889,625	405	67.7	4,520	0.9	167	427	71.4	4,844	1.2	79			
65-74	96	5,156	2	66.7	24	1.0	51	1	33.3	3	1.3	42			
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>Other Eligibles</b>	5,917	392,093	122	68.5	1,283	0.8	115	61	34.3	651	1.0	50			
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
65-74	3,310	230,282	71	92.2	783	0.8	118	39	50.6	410	1.2	64			
75-84	1,445	92,807	29	63.0	283	0.8	123	15	32.6	164	0.9	25			
85 and older	1,162	69,004	22	40.0	217	0.7	92	7	12.7	77	0.6	27			
<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 2002 file for Missouri, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.10A includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,744 beneficiaries who were in nursing facilities for part of their enrollment and their 16,751 benefit months were excluded from the analysis.

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

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

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

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

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

Beneficiary Characteristics	ANTIDEPRESSANTS						ANALGESICS - Narcotic						ANTIDIABETIC					
	Users as %			Users as %			Users as %			Users as %			Users as %			Users as %		
	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx
<b>All</b>	<b>1,381</b>	<b>80.3 %</b>	<b>\$53</b>	<b>954</b>	<b>55.5 %</b>	<b>0.7</b>	<b>10,312</b>	<b>40.3 %</b>	<b>\$28</b>	<b>693</b>	<b>40.3 %</b>	<b>\$37</b>	<b>7,770</b>	<b>0.9</b>	<b>\$37</b>			
<b>Female</b>																		
<b>Disabled</b>																		
64 or younger	526	94.6	57	354	63.7	0.7	3,943	48.2	32	269	48.4	40	3,102	0.9	40			
65-74	0	0.0	0	0	0.0	0.0	0	0.0	0	0	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>Other Eligibles</b>																		
64 or younger	267	69.9	47	186	48.7	0.7	2,070	37.4	25	143	37.4	33	1,591	0.9	33			
65-74	82	86.3	47	53	55.8	0.7	598	62.1	29	59	62.1	43	666	1.0	43			
75-84	87	77.0	46	60	53.1	0.7	678	40.7	23	46	40.7	29	499	0.8	29			
85 and older	98	56.3	47	73	42.0	0.6	794	21.8	24	38	21.8	23	426	0.7	23			
<b>Male</b>																		
<b>Disabled</b>																		
64 or younger	474	79.3	53	348	58.2	0.8	3,624	34.6	26	207	34.6	34	2,260	0.8	34			
65-74	1	33.3	0	2	66.7	0.6	15	33.3	6	1	33.3	62	3	1.7	62			
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>Other Eligibles</b>																		
64 or younger	113	63.5	49	64	36.0	0.6	660	41.0	21	73	41.0	40	814	0.9	40			
65-74	48	62.3	54	30	39.0	0.8	318	58.4	35	45	58.4	43	499	0.9	43			
75-84	32	69.6	47	11	23.9	0.5	112	34.8	5	16	34.8	37	171	0.8	37			
85 and older	33	60.0	43	23	41.8	0.4	230	21.8	8	12	21.8	32	144	0.7	32			
<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 2002 file for Missouri, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.10B includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,744 beneficiaries who were in nursing facilities for part of their enrollment and their 16,751 benefit months were excluded from the analysis.

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

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

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

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

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

Beneficiary Characteristics	ULCER DRUGS						ANALGESICS - ANTI-INFLAMMATORY						ANTI-ASTHMATIC						
	Users as %			Users as %			Users as %			Users as %			Users as %			Users as %			
	No. of Users	No. of Bene among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Mean No. of Rx	No. of Bene among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Mean No. of Rx	No. of Bene among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Mean No. of Rx	No. of Bene among Users	Mean No. of Rx	Mean Rx \$
<b>All</b>	<b>893</b>	<b>51.9 %</b>	<b>0.7</b>	<b>\$24</b>	<b>508</b>	<b>29.6 %</b>	<b>5,684</b>	<b>0.6</b>	<b>\$39</b>	<b>718</b>	<b>41.8 %</b>	<b>7,906</b>	<b>0.6</b>	<b>\$27</b>					
<b>Female</b>																			
<b>Disabled</b>	487	51.8	0.7	24	320	34.0	3,649	0.6	39	422	44.9	4,766	0.6	28					
64 or younger	308	55.2	0.7	25	221	39.6	2,535	0.6	34	281	50.4	3,213	0.6	29					
65-74	308	55.4	0.7	25	221	39.7	2,535	0.6	34	281	50.5	3,213	0.6	29					
75-84	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					
<b>Other Eligibles</b>	179	46.9	0.7	23	99	25.9	1,114	0.7	51	141	36.9	1,553	0.6	26					
64 or younger	0	0.0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
65-74	53	55.8	0.7	27	30	31.6	360	0.6	45	40	42.1	468	0.8	30					
75-84	55	48.7	0.6	23	31	27.4	322	0.9	67	40	35.4	459	0.6	24					
85 and older	71	40.8	0.7	18	38	21.8	432	0.7	44	61	35.1	626	0.5	24					
<b>Male</b>																			
<b>Disabled</b>	406	52.1	0.6	24	188	24.1	2,035	0.6	38	296	38.0	3,140	0.7	26					
64 or younger	332	55.2	0.6	23	158	26.3	1,709	0.6	38	226	37.6	2,395	0.7	27					
65-74	327	54.7	0.6	22	157	26.3	1,697	0.6	38	224	37.5	2,389	0.7	27					
75-84	5	166.7	0.8	56	1	33.3	12	0.9	73	2	66.7	6	1.7	46					
85 and older	0	0.0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
<b>Other Eligibles</b>	74	41.6	0.7	31	30	16.9	326	0.7	36	70	39.3	745	0.6	23					
64 or younger	0	0.0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
65-74	32	41.6	0.7	20	12	15.6	135	0.6	29	35	45.5	389	0.7	31					
75-84	19	41.3	0.6	33	9	19.6	95	0.6	28	17	37.0	195	0.5	13					
85 and older	23	41.8	0.9	47	9	16.4	96	0.8	55	18	32.7	161	0.6	15					
<b>Unknown</b>	0	0.0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					

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

a. Table ND.10C includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,744 beneficiaries who were in nursing facilities for part of their enrollment and their 16,751 benefit months were excluded from the analysis.

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

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

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

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

TABLE ND.10D  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS  
 SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, MISSOURI, 2002

Beneficiary Characteristics	ANTIHYPERTENSIVE				MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL				Mean Rx \$	Mean No. of Rx	Mean No. of Bene Users among Users	Mean No. of Bene Users among Users	Mean No. of Rx	Mean Rx \$	All-Year NF Residents	All-Year NF Residents	Bene Mos among All-Year NF Residents
	Users as %		Users as %		Users as %		Users as %										
	No. of Users	%	No. of Users	%	No. of Users	%	No. of Users	%									
<b>All</b>	639	37.2 %	6,949	0.8	\$27	170	9.9 %	1,807	0.8	\$99	1,719	18,054					
<b>Female</b>	371	39.5	4,098	0.8	27	94	10.0	1,052	0.8	105	940	10,167					
<b>Disabled</b>	215	38.5	2,436	0.8	29	32	5.7	354	0.7	105	558	6,194					
64 or younger	215	38.7	2,436	0.8	29	32	5.8	354	0.7	105	556	6,170					
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	24					
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>Other Eligibles</b>	156	40.8	1,662	0.8	26	62	16.2	698	0.8	104	382	3,973					
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0					
65-74	45	47.4	515	0.8	29	9	9.5	105	0.7	86	95	1,070					
75-84	47	41.6	509	0.8	23	27	23.9	313	0.9	104	113	1,187					
85 and older	64	36.8	638	0.8	25	26	14.9	280	0.8	112	174	1,716					
<b>Male</b>	268	34.4	2,851	0.9	27	76	9.8	755	0.8	91	779	7,887					
<b>Disabled</b>	207	34.4	2,172	0.9	28	40	6.7	410	0.7	79	601	6,088					
64 or younger	207	34.6	2,172	0.9	28	40	6.7	410	0.7	79	598	6,061					
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	3	27					
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>Other Eligibles</b>	61	34.3	679	0.9	24	36	20.2	345	0.9	106	178	1,799					
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0					
65-74	26	33.8	307	0.8	25	15	19.5	172	0.9	106	77	845					
75-84	20	43.5	213	0.9	27	12	26.1	115	1.0	117	46	461					
85 and older	15	27.3	159	0.9	19	9	16.4	58	0.8	83	55	493					
<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 2002 file for Missouri, released by CMS in 05/2006. This table was produced on 04/19/2007.

a. Table ND.10D includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2002. A total of 1,744 beneficiaries who were in nursing facilities for part of their enrollment and their 16,751 benefit months were excluded from the analysis.

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

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

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

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

TABLE ND.11  
 USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D  
 AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 MISSOURI, 2002

Beneficiary Characteristics	No. of Benes with at Least One Part D Excl Rx	% Benes with at Least One Part D Excl Rx	No. of Part D		Total No. Part D Excl Rx	Part D Excl Rx \$ per Bene	Total Part D Excl Rx \$	\$ per Part D Excl Rx	Part D Excl Rx \$ as % of All Nonduals Rx \$	Total No. of Benes
			Excl Rx	Bene						
<b>All</b>	<b>177,143</b>	<b>30.8 %</b>	<b>1.3</b>	<b>723,577</b>	<b>\$24</b>	<b>\$13,667,615</b>	<b>\$19</b>	<b>4.0 %</b>	<b>575,621</b>	
<b>Age</b>										
5 and younger	43,492	37.4	1.0	113,890	14	1,670,903	15	8.7	116,203	
6-14	37,072	27.5	0.6	81,297	13	1,750,563	22	4.5	134,569	
15-20	18,244	23.2	0.6	45,721	14	1,069,875	23	3.6	78,480	
21-44	50,479	26.9	1.3	242,910	26	4,800,693	20	3.8	187,677	
45-64	25,871	49.0	4.2	222,577	78	4,132,266	19	3.3	52,757	
65-74	1,136	43.5	3.9	10,088	58	152,553	15	3.3	2,609	
75-84	485	29.8	2.5	4,047	34	54,594	13	3.1	1,626	
85 and older	364	21.7	1.8	3,047	22	36,168	12	3.6	1,678	
Unknown	0	0.0	0.0	0	0	0	0	0.0	22	
<b>Basis of Eligibility<sup>c</sup></b>										
Aged	1,918	33.7	2.9	16,586	41	233,573	14	3.3	5,698	
Disabled	42,699	48.6	4.0	353,924	78	6,839,883	19	3.1	87,879	
Adults	39,679	22.1	0.7	132,119	15	2,646,882	20	5.1	179,904	
Children	92,847	30.7	0.7	220,948	13	3,947,277	18	5.8	302,140	
Unknown	0	0.0	0.0	0	0	0	0	0.0	0	
<b>Gender</b>										
Female	108,088	32.2	1.4	472,676	26	8,787,934	19	4.3	335,398	
Male	69,052	28.7	1.0	250,890	20	4,879,579	19	3.4	240,217	
Unknown	3	50.0	1.8	11	17	102	9	1.7	6	
<b>Race</b>										
White	153,489	33.0	1.3	622,738	26	11,934,884	19	4.1	465,301	
African American	17,651	20.9	0.9	78,147	15	1,292,219	17	2.7	84,332	
Other/unknown	6,003	23.1	0.9	22,692	17	440,512	19	4.1	25,988	
<b>Use of Nursing Facilities<sup>d</sup></b>										
Entire year	1,323	77.0	9.5	16,301	152	261,138	16	3.1	1,719	
Part year	1,382	79.2	8.6	15,000	156	272,157	18	3.6	1,744	
None	174,438	30.5	1.2	692,276	23	13,134,320	19	4.0	572,158	
<b>Maintenance Assistance Status</b>										
Cash	126,208	33.6	1.5	546,789	27	10,209,623	19	4.1	376,145	
Medically needy	0	0.0	0.0	0	0	0	0	0.0	0	
Poverty related	16,439	22.9	0.5	36,815	9	623,940	17	5.0	71,828	
Other/unknown	34,496	27.0	1.1	139,973	22	2,834,052	20	3.3	127,648	

Table ND11

Nondual Beneficiaries

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

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

TABLE ND.12

USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D  
 AMONG NONDUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 MISSOURI, 2002

Beneficiary Characteristics	No. Rx per Bene Mo.	Rx \$ per Bene Mo.	\$ per Rx	Barbiturate \$ per Bene Mo.	Benzodiazepine \$ per Bene Mo.	No. of Bene Mos
All	0.2	\$3	\$19	\$0	\$1	4,616,646
<b>Age</b>						
5 and younger	0.1	2	15	0	0	901,411
6-14	0.1	1	22	0	0	1,177,196
15-20	0.1	2	23	0	0	603,249
21-44	0.2	3	20	0	1	1,398,337
45-64	0.5	8	19	0	3	486,595
65-74	0.4	6	15	0	2	25,458
75-84	0.3	4	13	0	1	13,146
85 and older	0.3	3	12	0	1	11,192
Unknown	0.0	0	0	0	0	62
<b>Basis of Eligibility<sup>c</sup></b>						
Aged	0.3	5	14	0	1	48,172
Disabled	0.4	8	19	0	3	866,446
Adults	0.1	2	20	0	0	1,218,317
Children	0.1	2	18	0	0	2,483,711
Unknown	0.0	0	0	0	0	0
<b>Gender</b>						
Female	0.2	3	19	0	1	2,652,811
Male	0.1	2	19	0	1	1,963,797
Unknown	0.3	3	9	0	1	38
<b>Race</b>						
White	0.2	3	19	0	1	3,903,054
African American	0.1	2	17	0	0	545,785
Other/unknown	0.1	3	19	0	1	167,807
<b>Use of Nursing Facilities<sup>d</sup></b>						
Entire year	0.9	14	16	0	6	18,054
Part year	0.9	16	18	0	6	16,751
None	0.2	3	19	0	1	4,581,841
<b>Maintenance Assistance Status</b>						
Cash	0.2	3	19	0	1	3,130,152
Medically needy	0.0	0	0	0	0	0
Poverty related	0.1	1	17	0	0	471,701
Other/unknown	0.1	3	20	0	1	1,014,793

Table ND12

Nondual Beneficiaries

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

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



TABLE ND.13  
USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D  
FOR SELECTED DRUG CATEGORIES AMONG NONDUALS<sup>a,b,c</sup>  
MISSOURI, 2002

Drug Category	No. Users	Rx \$ per User	Total Rx \$	Rx \$ as % of All Part D Excl Rx \$	Total No. Rx.	\$ per Rx	No. Rx as % of All Part D Excl Rx
<b>All</b>	<b>240,621</b>	<b>\$57</b>	<b>\$13,667,615</b>	<b>100.0 %</b>	<b>723,577</b>	<b>\$19</b>	<b>100.0 %</b>
Anorexia or weight loss/gain	3	23	70	0.0	4	18	0.0
Fertility drugs	1	64	64	0.0	1	64	0.0
Drugs for cosmetic purposes	185	15	2,842	0.0	235	12	0.0
Cough and cold medications	126,513	53	6,699,849	49.0	280,599	24	38.8
Vitamins and minerals	19,436	73	1,417,024	10.4	79,718	18	11.0
Non-prescription drugs	52,384	16	841,228	6.2	125,043	7	17.3
Barbiturates	1,333	65	87,149	0.6	10,801	8	1.5
Benzodiazepines	32,273	99	3,194,338	23.4	199,783	16	27.6
Other Part D Excl Rx Drugs	8,493	168	1,425,051	10.4	27,393	52	3.8

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

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

b. Includes OTC drugs as well as prescription drugs.

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

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

APPENDIX TABLE A.1

CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY<sup>a, b</sup>  
NONDUAL BENEFICIARIES, MISSOURI, 2002

Beneficiary Characteristics	No. of Beneficiaries					No. of Beneficiaries with Pharmacy Benefit Coverage					
	All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children	Unknown
<b>All</b>	<b>958,929</b>	<b>5,698</b>	<b>87,921</b>	<b>261,239</b>	<b>604,071</b>	<b>9,579,670</b>	<b>48,197</b>	<b>875,346</b>	<b>2,421,386</b>	<b>6,234,741</b>	<b>0</b>
<b>Age</b>											
5 and younger	223,571	0	725	10	222,836	2,200,122	0	6,585	79	2,193,458	0
6-14	277,396	0	2,747	57	274,592	2,993,321	0	31,197	451	2,961,673	0
15-20	135,328	0	4,437	24,897	105,994	1,344,721	0	46,035	223,634	1,075,052	0
21-44	257,831	0	37,289	219,925	617	2,424,009	0	374,313	2,045,274	4,422	0
45-64	58,854	0	42,519	16,328	7	567,499	0	415,660	151,774	65	0
65-74	2,620	2,442	159	19	0	25,585	24,111	1,317	157	0	0
75-84	1,626	1,599	25	2	0	13,150	12,996	139	15	0	0
85 and older	1,678	1,657	20	1	0	11,192	11,090	100	2	0	0
Unknown	25	0	0	0	25	71	0	0	0	71	0
<b>Gender</b>											
Female	551,428	3,944	48,015	205,562	293,907	5,507,196	33,243	489,880	1,941,497	3,042,576	0
Male	407,495	1,753	39,901	55,677	310,164	4,072,436	14,949	385,433	479,889	3,192,165	0
Unknown	6	1	5	0	0	38	5	33	0	0	0
<b>Race</b>											
White	655,341	3,377	63,367	185,305	403,292	6,421,631	26,451	623,846	1,681,213	4,090,121	0
African American	257,789	1,277	21,376	57,588	177,548	2,725,413	11,089	222,204	574,499	1,917,621	0
Other/unknown	45,799	1,044	3,178	18,346	23,231	432,626	10,657	29,296	165,674	226,999	0
<b>Use of Nursing Facilities<sup>c</sup></b>											
Entire year	1,719	560	1,159	0	0	18,055	5,772	12,283	0	0	0
Part year	1,751	352	1,373	10	16	16,994	3,235	13,489	96	174	0
None	955,459	4,786	85,389	261,229	604,055	9,544,621	39,190	849,574	2,421,290	6,234,567	0
<b>Maintenance Assistance Status</b>											
Cash	658,552	1,558	58,953	214,150	383,891	6,766,008	17,544	635,534	2,080,673	4,032,257	0
Medically needy	0	0	0	0	0	0	0	0	0	0	0
Poverty related	108,267	208	58	22,590	85,411	988,073	823	273	135,443	851,534	0
Other/unknown	192,110	3,932	28,910	24,499	134,769	1,825,589	29,830	239,539	205,270	1,350,950	0
<b>Managed Care Status</b>											
FFS all year	450,698	5,681	86,295	122,334	236,388	4,279,796	48,064	857,613	1,039,285	2,334,834	0
FFS part year, with Rx claims	35,978	16	1,202	20,160	14,600	349,500	124	13,436	192,759	143,181	0
FFS part year, no Rx claims	88,945	1	382	37,410	51,152	768,129	9	3,838	329,882	434,400	0
MC all year, with Rx claims	6,094	0	24	2,084	3,986	65,126	0	286	20,988	43,852	0
MC all year, no Rx claims	377,214	0	18	79,251	297,945	4,117,119	0	173	838,472	3,278,474	0

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

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

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

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

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

APPENDIX TABLE A.2  
**MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS<sup>a</sup>**  
**NONDUAL BENEFICIARIES, MISSOURI, 2002**

	Bene Mos in Cell J of Table 1		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos
<b>All</b>	<b>958,929</b>	<b>9,579,670</b>	<b>575,621</b>	<b>4,616,646</b>	<b>0</b>	<b>4,963,024</b>
FFS all year	450,698	4,279,796	450,698	4,279,796	0	0
FFS part year, with Rx claims	35,978	349,500	35,978	137,817	0	211,683
FFS part year, with no Rx claims	88,945	768,129	88,945	199,033	0	569,096
MC all year, with Rx claims	6,094	65,126	0	0	0	65,126
MC all year, with no Rx claims	377,214	4,117,119	0	0	0	4,117,119

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

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

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