

# STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2001 MISSOURI

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TABLE D.2  
 CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY<sup>a,b</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

Beneficiary Characteristics	No. of Benes							No. of Bene Mos						
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown		
<b>All</b>	<b>147,362</b>	<b>84,678</b>	<b>61,138</b>	<b>1,505</b>	<b>41</b>	<b>0</b>	<b>1,520,738</b>	<b>868,145</b>	<b>640,284</b>	<b>11,955</b>	<b>354</b>	<b>0</b>		
<b>Age</b>														
5 and younger	8	0	3	0	5	0	71	0	30	0	41	0		
6-14	19	0	8	0	11	0	193	0	85	0	108	0		
15-20	232	0	206	7	19	0	2,396	0	2,189	42	165	0		
21-44	25,593	0	24,490	1,098	5	0	274,123	0	265,184	8,911	28	0		
45-64	34,054	5	33,696	353	0	0	353,673	8	351,080	2,585	0	0		
65-74	31,507	29,834	1,633	40	0	0	324,164	311,343	12,468	353	0	0		
75-84	31,305	30,549	749	7	0	0	321,240	315,006	6,170	64	0	0		
85 and older	24,644	24,290	353	0	1	0	244,878	241,788	3,078	0	12	0		
Unknown	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Gender</b>														
Female	94,362	62,398	31,127	814	23	0	987,377	650,515	330,165	6,493	204	0		
Male	53,000	22,280	30,011	691	18	0	533,361	217,630	310,119	5,462	150	0		
Unknown	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Race</b>														
White	118,808	69,267	48,381	1,130	30	0	1,220,501	704,224	506,974	9,035	268	0		
African American	25,769	13,351	12,061	347	10	0	272,073	142,922	126,383	2,691	77	0		
Other/unknown	2,785	2,060	696	28	1	0	28,164	20,999	6,927	229	9	0		
<b>Use of Nursing Facilities<sup>c</sup></b>														
Entire year	21,186	19,358	1,827	0	1	0	226,440	205,887	20,541	0	12	0		
Part year	14,060	12,512	1,547	0	1	0	127,562	112,238	15,312	0	12	0		
None	112,116	52,808	57,764	1,505	39	0	1,166,736	550,020	604,431	11,955	330	0		
<b>Maintenance Assistance Status</b>														
Cash	47,240	21,630	25,189	414	7	0	543,016	250,447	290,177	2,345	47	0		
Medically needy	0	0	0	0	0	0	0	0	0	0	0	0		
Poverty-related	8,338	4,032	4,220	64	22	0	77,896	34,150	43,026	519	201	0		
Other/unknown	91,784	59,016	31,729	1,027	12	0	899,826	583,548	307,081	9,091	106	0		
<b>Dual Medicare Status<sup>d</sup></b>														
Full dual, all year	133,641	78,446	53,696	1,458	41	0	1,382,469	809,646	561,017	11,452	354	0		
Full dual, part year	13,721	6,232	7,442	47	0	0	138,269	58,499	79,267	503	0	0		
<b>Managed Care Status</b>														
FFS all year	146,913	84,674	60,945	1,267	27	0	1,518,369	868,111	639,048	10,931	279	0		
FFS part year, with Rx claims	338	4	181	145	8	0	1,957	34	1,184	686	53	0		
FFS part year, no Rx claims	111	0	12	93	6	0	412	0	52	338	22	0		

Table D2

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

- a. Table D.2 includes the beneficiaries represented by Cell G 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.
- d. The "Full dual, all year" group contains beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefits during all months of Medicaid enrollment in 2001. The "Full dual, part year" group contains beneficiaries who had such benefits for some, but not all, months of their enrollment. Refer to footnote g of Table 1 for more information about how we determined dual eligibility status.

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 D.3  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

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	90.7 %	52.8	\$2,753	\$52	\$11,842	23.2 %	147,362
<b>Age</b>							
5 and younger	62.5	31.4	1,539	49	20,860	7.4	8
6-14	84.2	49.8	6,679	134	14,303	46.7	19
15-20	78.4	23.1	2,337	101	9,707	24.1	232
21-44	86.9	40.2	3,236	80	11,073	29.2	25,593
45-64	91.7	59.4	3,636	61	11,155	32.6	34,054
65-74	89.0	53.5	2,467	46	8,885	27.8	31,507
75-84	91.7	55.7	2,317	42	12,257	18.9	31,305
85 and older	94.1	52.3	1,950	37	16,858	11.6	24,644
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Basis of Eligibility<sup>c</sup></b>							
Aged	91.9	54.6	2,292	42	12,546	18.3	84,678
Disabled	89.5	51.1	3,435	67	11,106	30.9	61,138
Adults	66.6	15.7	899	57	2,013	44.7	1,505
Children	70.7	38.6	4,472	116	16,577	27.0	41
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Gender</b>							
Female	93.0	57.7	2,731	47	12,211	22.4	94,362
Male	86.6	44.0	2,791	63	11,184	25.0	53,000
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Race</b>							
White	91.8	56.0	2,906	52	12,215	23.8	118,808
African American	86.1	39.9	2,147	54	10,569	20.3	25,769
Other/unknown	84.3	35.6	1,802	51	7,695	23.4	2,785
<b>Use of Nursing Facilities<sup>d</sup></b>							
Entire year	98.3	73.0	3,095	42	28,543	10.8	21,186
Part year	96.5	55.9	2,464	44	16,548	14.9	14,060
None	88.5	48.6	2,724	56	8,096	33.6	112,116
<b>Maintenance Assistance Status</b>							
Cash	91.5	53.5	2,811	53	8,675	32.4	47,240
Medically needy	0.0	0.0	0	0	0	0.0	0
Poverty related	88.0	40.0	2,346	59	7,269	32.3	8,338
Other/unknown	90.5	53.6	2,759	52	13,887	19.9	91,784

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

- a. Table D.3 includes beneficiaries represented by Cell G 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 D.4  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

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	More than 5, but 10 or Less				More than 10
<b>All</b>	<b>5.1</b>	<b>\$267</b>	<b>23.2 %</b>	<b>9.3 %</b>	<b>13.5 %</b>	<b>9.9 %</b>	<b>29.1 %</b>	<b>28.7 %</b>	<b>9.5 %</b>	<b>\$1,148</b>	<b>147,362</b>	<b>1,520,738</b>
<b>Age</b>												
5 and younger	3.5	173	7.4	37.5	12.5	0.0	37.5	12.5	0.0	2,350	8	71
6-14	4.9	658	46.7	15.8	0.0	10.5	36.8	36.8	0.0	1,408	19	193
15-20	2.2	226	24.1	21.6	35.3	13.8	17.7	8.2	3.4	940	232	2,396
21-44	3.8	302	29.2	13.1	24.4	12.1	25.8	18.7	6.0	1,034	25,593	274,123
45-64	5.7	350	32.6	8.3	11.8	9.2	27.8	30.2	12.7	1,074	34,054	353,673
65-74	5.2	240	27.8	11.0	12.7	9.6	28.5	28.2	9.9	864	31,507	324,164
75-84	5.4	226	18.9	8.3	10.2	9.1	30.1	32.6	9.8	1,194	31,305	321,240
85 and older	5.3	196	11.6	5.9	9.8	10.0	33.7	33.0	7.7	1,697	24,644	244,878
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Basis of Eligibility<sup>c</sup></b>												
Aged	5.3	224	18.3	8.1	10.9	9.5	30.7	31.5	9.4	1,224	84,678	868,145
Disabled	4.9	328	30.9	10.5	16.8	10.4	27.1	25.4	9.8	1,060	61,138	640,284
Adults	2.0	113	44.7	33.4	30.1	10.5	16.7	8.2	1.2	253	1,505	11,955
Children	4.5	518	27.0	29.3	7.3	9.8	24.4	26.8	2.4	1,920	41	354
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	5.5	261	22.4	7.0	11.3	9.5	30.0	31.5	10.8	1,167	94,362	987,377
Male	4.4	277	25.0	13.4	17.6	10.6	27.4	23.8	7.1	1,111	53,000	533,361
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Race</b>												
White	5.5	283	23.8	8.2	12.1	9.3	29.0	30.7	10.7	1,189	118,808	1,220,501
African American	3.8	203	20.3	13.9	19.6	12.2	29.6	20.6	4.1	1,001	25,769	272,073
Other/unknown	3.5	178	23.4	15.7	21.3	12.7	26.9	18.4	4.9	761	2,785	28,164
<b>use of nursing Facilities<sup>d</sup></b>												
Entire year	6.8	290	10.8	1.7	5.0	6.4	28.8	41.4	16.7	2,671	21,186	226,440
Part year	6.2	272	14.9	3.5	7.9	8.9	32.0	35.7	12.1	1,824	14,060	127,562
None	4.7	262	33.6	11.5	15.9	10.7	28.7	25.5	7.8	778	112,116	1,166,736
<b>Maintenance Assistance Status</b>												
Cash	4.7	245	32.4	8.5	17.2	10.7	28.7	26.4	8.5	755	47,240	543,016
Medically needy	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Poverty related	4.3	251	32.3	12.0	18.0	11.5	28.8	23.8	5.9	778	8,338	77,896
Other/unknown	5.5	282	19.9	9.5	11.3	9.3	29.3	30.4	10.3	1,417	91,784	899,826

Table D4

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

- a. Table D.4 includes the beneficiaries represented by Cell G 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.





Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

- a. Table D.5 includes the beneficiaries represented by Cell G 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, 0.7 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 D.6

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a, b, c, d</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

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 No. of Rx	Total Rx \$	No. Dual Benes	As % of Dual Benes	No. of Bene Mos				
														Total	Patented Brand-Name	Off-Patent Brand-Name	Generic
Anti-infective Agents	0.4	0.2	0.0	0.2	\$28	\$25	\$0	\$2	\$75	\$123	\$46	\$14	364,983	\$27,241,940	89,028	60.4 %	977,040
Biologics	0.1	0.1	0.0	0.0	10	1	3	7	103	15	1,847	287	4,083	420,684	3,555	2.4	40,220
Antineoplastic Agents	0.6	0.3	0.1	0.2	102	74	17	11	177	288	147	55	34,809	6,177,577	5,814	3.9	60,437
Endocrine/Metabolic Drugs	1.0	0.6	0.1	0.4	42	36	2	4	42	65	18	11	725,482	30,250,226	66,882	45.4	724,255
Cardiovascular Agents	1.8	0.7	0.2	1.0	61	40	4	16	33	55	29	17	1,884,989	62,380,797	95,507	64.8	1,021,535
Respiratory Agents	0.8	0.5	0.0	0.3	39	32	1	7	47	65	25	22	638,957	30,311,762	71,135	48.3	782,256
Gastrointestinal Agents	0.7	0.2	0.0	0.4	36	26	3	8	51	115	72	17	513,724	26,189,534	67,087	45.5	730,350
Genitourinary Agents	0.5	0.4	0.0	0.1	26	24	0	2	54	67	31	16	123,383	6,619,590	23,178	15.7	256,074
CNS Drugs	1.4	0.7	0.1	0.6	111	86	10	15	78	124	116	23	1,296,278	101,164,222	85,058	57.7	914,939
Stimulants/Anti-obesity/Anorexia	0.6	0.1	0.1	0.3	47	16	11	20	81	168	76	58	1,509	121,843	229	0.2	2,602
Miscellaneous Psychological/Neurological Agents	0.7	0.6	0.0	0.0	80	79	0	1	116	123	40	20	53,841	6,253,743	7,436	5.0	78,052
Analgesics and Anesthetics	0.9	0.4	0.0	0.5	50	39	3	7	57	107	89	16	781,507	44,932,081	83,544	56.7	906,834
Neuromuscular Agents	1.0	0.4	0.1	0.5	56	42	3	11	57	107	38	21	491,567	27,996,949	45,620	31.0	499,937
Nutritional Products	0.6	0.0	0.2	0.4	11	0	5	6	18	15	26	15	269,740	4,918,706	41,034	27.8	441,710
Hematological Agents	0.8	0.2	0.2	0.4	47	37	3	6	59	163	18	16	263,176	15,539,737	31,318	21.3	333,072
Topical Products	0.4	0.2	0.0	0.2	15	11	1	3	37	57	39	16	272,205	10,153,435	59,427	40.3	659,875
Miscellaneous Products	0.4	0.2	0.1	0.2	77	50	19	8	179	331	260	40	22,639	4,056,846	4,894	3.3	52,632
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	8	0	0	0	25	0	0	0	36,301	893,575	10,065	6.8	112,630
<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.	7,779,173	405,623,247	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

- a. Table D.6 includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2001. A beneficiary who used drugs from two or more categories 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. 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, 0.7 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 D.7

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP<sup>a, b, c</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

Top 10 Drug Groups	Users			Among Users			
	Total Medicaid Rx \$	No.	As % of Dual Benes	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo
ANTIPSYCHOTICS	\$52,594,265	42,985	29.2 %	471,736	0.7	\$152	\$111
ANTIDEPRESSANTS	37,421,302	83,226	56.5	906,633	0.6	65	41
ANALGESICS - ANTI-INFLAMMATORY	22,355,067	60,835	41.3	681,267	0.4	75	33
ANTICONVULSANT	22,194,596	36,667	24.9	404,277	0.8	69	55
ULCER DRUGS	20,257,759	81,844	55.5	905,768	0.4	55	22
ANALGESICS - Narcotic	19,860,806	94,684	64.3	1,036,731	0.4	46	19
ANTIDIABETIC	19,529,815	49,369	33.5	538,307	0.7	53	36
ANTHYPERLIPIDEMIC	17,400,163	29,940	20.3	330,905	0.7	80	53
ANTHYPERTENSIVE	17,000,250	64,525	43.8	700,551	0.7	36	24
ANTIASTHMATIC	16,775,798	63,802	43.3	697,646	0.5	52	24
Total	245,389,821	607,877		6,673,821	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. Table D.7 includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. 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 2001. 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; n.a. = not applicable.

TABLE D.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>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIPSYCHOTICS				ANTIDEPRESSANTS			
	No. of Rx	Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
<b>All</b>	<b>3,721,900</b>	<b>\$245,399,821</b>	<b>42,985</b>	<b>29.2 %</b>	<b>471,736</b>	<b>0.7</b>	<b>\$112</b>	<b>83,226</b>	<b>56.5 %</b>	<b>906,633</b>	<b>0.6</b>	<b>\$41</b>
<b>Female</b>	2,509,278	156,154,249	25,523	27.0	280,692	0.7	94	57,566	61.0	630,657	0.6	41
<b>Disabled</b>	938,536	70,681,584	11,300	36.3	127,427	0.7	119	25,666	82.5	286,065	0.6	45
5 and younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	29	1,460	0	0.0	0	0.0	0	1	20.0	12	0.5	35
15-20	802	57,010	20	23.0	215	0.5	58	37	42.5	402	0.5	44
21-44	264,044	22,239,094	4,928	46.3	55,931	0.7	119	8,904	83.7	100,100	0.6	44
45-64	645,283	46,703,008	6,168	33.0	69,478	0.8	121	16,162	86.5	180,026	0.6	46
65-74	16,792	1,085,793	117	12.3	1,144	0.6	82	369	38.6	3,579	0.5	32
75-84	8,014	422,099	38	7.8	386	0.5	47	125	25.6	1,279	0.6	32
85 and older	3,572	173,120	29	11.2	273	0.3	30	68	26.2	667	0.6	32
<b>Other Eligibles</b>	1,570,742	85,482,665	14,223	22.5	153,265	0.6	73	31,900	50.4	344,592	0.7	38
5 and younger	15	327	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	47	2,540	0	0.0	0	0.0	0	1	20.0	12	1.1	87
15-20	122	6,763	1	6.7	3	1.0	23	6	40.0	59	0.4	23
21-44	5,507	393,030	93	13.7	982	0.4	84	291	42.9	2,800	0.5	34
45-64	1,546	90,235	10	8.1	113	0.3	29	66	53.2	636	0.5	31
65-74	564,811	33,121,186	3,644	18.5	40,789	0.7	93	9,867	50.1	109,905	0.6	36
75-84	591,787	31,781,960	5,156	22.8	55,718	0.6	73	11,507	50.8	124,762	0.7	38
85 and older	406,907	20,086,624	5,319	26.5	55,660	0.6	58	10,162	50.6	106,418	0.7	40
<b>Male</b>	1,212,622	89,225,572	17,462	32.9	191,044	0.8	137	25,660	48.4	275,976	0.6	42
<b>Disabled</b>	733,487	62,651,387	12,315	41.0	138,394	0.9	159	16,709	55.7	183,737	0.6	44
5 and younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	7	207	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	1,045	85,977	31	26.1	332	0.7	111	36	30.3	392	0.7	40
21-44	299,117	28,803,945	6,849	49.4	77,709	0.9	161	8,078	58.3	90,424	0.6	44
45-64	420,485	33,021,335	5,328	35.5	59,335	0.9	158	8,374	55.8	90,939	0.6	44
65-74	8,847	536,632	79	11.7	741	0.7	62	150	22.1	1,323	0.5	37
75-84	3,057	154,086	21	8.0	202	0.2	17	48	18.4	448	0.6	28
85 and older	929	49,205	7	7.5	75	0.6	60	23	24.7	211	0.5	29
<b>Other Eligibles</b>	479,135	26,574,185	5,147	22.4	52,650	0.7	79	8,951	38.9	92,239	0.6	38
5 and younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	49	2,400	1	16.7	12	0.8	78	1	16.7	9	0.2	3
15-20	31	3,036	1	9.1	5	0.2	3	2	18.2	24	0.5	53
21-44	3,807	257,225	50	11.8	499	0.4	75	146	34.4	1,494	0.4	26
45-64	2,247	134,272	6	2.6	58	0.3	38	57	24.4	598	0.4	26
65-74	231,226	13,599,564	1,912	18.8	20,661	0.7	94	3,590	35.2	38,757	0.6	37
75-84	164,681	8,761,411	1,945	24.6	19,390	0.7	73	3,189	40.3	32,118	0.7	39
85 and older	77,094	3,816,277	1,232	29.3	12,025	0.6	62	1,966	46.8	19,239	0.7	39
<b>Unknown</b>	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table D7A

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. Table D.7A includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. 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 2001. 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(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 D.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>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

Beneficiary Characteristics	ANALGESICS - ANTI-INFLAMMATORY					ANTICONVULSANT					ULCER DRUGS				
	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean Rx	Mean No. of Rx	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean Rx	Mean No. of Rx	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean Rx	Mean No. of Rx
<b>All</b>	<b>60,835</b>	<b>41.3 %</b>	<b>681,267</b>	<b>\$33</b>	<b>0.4</b>	<b>36,667</b>	<b>24.9 %</b>	<b>404,277</b>	<b>0.8</b>	<b>\$55</b>	<b>81,844</b>	<b>55.5 %</b>	<b>905,768</b>	<b>0.4</b>	<b>\$22</b>
<b>Female</b>	43,074	45.6	484,899	35	0.5	21,871	23.2	241,813	0.8	50	57,106	60.5	636,400	0.4	22
<b>Disabled</b>	17,558	56.4	198,374	32	0.4	11,995	38.5	134,472	0.8	61	19,954	64.1	225,589	0.4	22
5 and younger	0	0.0	0	0	0.0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0	0.0	1	20.0	12	0.1	0	4	80.0	48	0.2	15
15-20	26	29.9	290	6	0.2	21	24.1	233	0.6	43	26	29.9	285	0.2	15
21-44	5,519	51.9	62,818	22	0.3	5,022	47.2	56,675	0.8	68	5,318	50.0	60,790	0.3	20
45-64	11,382	60.9	128,604	37	0.4	6,746	36.1	75,486	0.8	57	13,802	73.8	156,114	0.4	23
65-74	377	39.5	3,878	43	0.5	132	13.8	1,302	0.7	44	458	48.0	4,696	0.4	21
75-84	163	33.4	1,801	34	0.4	48	9.8	522	0.6	25	236	48.4	2,485	0.4	23
85 and older	91	35.0	983	33	0.5	25	9.6	242	0.5	24	110	42.3	1,171	0.4	23
<b>Other Eligibles</b>	25,516	40.4	286,525	36	0.5	9,876	15.6	107,341	0.8	36	37,152	58.8	410,811	0.4	22
5 and younger	0	0.0	0	0	0.0	0	0.0	0	0.0	0	1	25.0	12	1.2	20
6-14	0	0.0	0	0	0.0	0	0.0	0	0.0	0	2	40.0	24	0.4	21
15-20	4	26.7	40	17	0.3	2	13.3	13	0.6	96	9	60.0	97	0.2	15
21-44	216	31.8	2,223	17	0.2	136	20.0	1,286	0.5	39	120	17.7	1,236	0.2	18
45-64	48	38.7	464	23	0.4	16	12.9	190	0.5	40	35	28.2	356	0.4	20
65-74	9,732	49.4	110,910	36	0.5	3,642	18.5	40,676	0.8	41	12,631	64.2	142,981	0.4	22
75-84	9,309	41.1	105,122	36	0.5	3,745	16.5	40,759	0.8	34	13,796	60.9	153,457	0.4	22
85 and older	6,207	30.9	67,766	36	0.5	2,335	11.6	24,417	0.8	29	10,558	52.6	112,648	0.5	23
<b>Male</b>	17,761	33.5	196,368	29	0.4	14,796	27.9	162,464	0.8	62	24,738	46.7	269,368	0.4	23
<b>Disabled</b>	10,938	36.4	121,801	26	0.4	10,979	36.6	122,387	0.9	70	13,532	45.1	149,732	0.4	24
5 and younger	0	0.0	0	0	0.0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0	0.0	0	0.0	0	0.0	0	1	33.3	12	0.2	11
15-20	18	15.1	191	9	0.1	29	24.4	325	0.8	54	27	22.7	318	0.2	18
21-44	4,552	32.9	51,786	18	0.3	5,664	40.9	64,082	0.9	74	5,055	36.5	57,552	0.4	22
45-64	6,126	40.8	67,319	32	0.4	5,180	34.5	56,973	0.9	66	8,052	53.7	88,040	0.4	24
65-74	160	23.6	1,617	35	0.4	82	12.1	785	0.7	36	272	40.1	2,511	0.4	26
75-84	60	23.0	637	28	0.5	19	7.3	180	0.7	59	88	33.7	925	0.4	25
85 and older	22	23.7	251	29	0.4	5	5.4	42	0.6	25	37	39.8	374	0.4	23
<b>Other Eligibles</b>	6,823	29.7	74,567	33	0.5	3,817	16.6	40,077	0.8	39	11,206	48.7	119,636	0.4	23
5 and younger	0	0.0	0	0	0.0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0	0.0	1	16.7	12	0.9	45	2	33.3	24	0.2	21
15-20	1	9.1	12	4	0.1	0	0.0	0	0.0	0	2	18.2	24	0.3	23
21-44	108	25.5	1,169	20	0.3	68	16.0	703	0.5	41	88	20.8	927	0.3	23
45-64	69	29.5	701	31	0.4	23	9.8	256	0.5	30	51	21.8	530	0.3	24
65-74	3,328	32.7	37,181	33	0.5	1,845	18.1	20,012	0.8	44	4,967	48.7	54,578	0.4	23
75-84	2,288	28.9	24,678	32	0.5	1,297	16.4	13,216	0.8	36	3,983	50.3	42,046	0.5	23
85 and older	1,029	24.5	10,826	33	0.5	583	13.9	5,878	0.8	32	2,113	50.3	21,507	0.5	23
<b>Unknown</b>	0	0.0	0	0	0.0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table D7B

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

- a. Table D.7B includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. 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 2001. 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 D.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>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

Beneficiary Characteristics	ANALGESICS - Narcotic				ANTI-DIABETIC				ANTI-HYPERLIPIDEMIC						
	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
<b>All</b>	<b>94,684</b>	<b>64.3 %</b>	<b>1,036,731</b>	<b>0.4</b>	<b>\$19</b>	<b>49,369</b>	<b>33.5 %</b>	<b>538,307</b>	<b>0.7</b>	<b>\$36</b>	<b>29,940</b>	<b>20.3 %</b>	<b>330,905</b>	<b>0.7</b>	<b>\$55</b>
<b>Female</b>	65,531	69.4	723,812	0.4	18	34,694	36.8	382,077	0.7	36	20,092	21.3	224,185	0.7	53
<b>Disabled</b>	27,263	87.6	305,258	0.4	21	10,978	35.3	121,495	0.7	41	6,861	22.0	76,035	0.6	51
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	2	40.0	24	0.1	1	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	48	55.2	543	0.2	5	4	4.6	48	0.4	22	1	1.1	12	0.2	10
21-44	9,016	84.7	101,953	0.4	21	1,802	16.9	20,570	0.6	37	985	9.3	11,162	0.6	44
45-64	17,396	93.1	194,827	0.4	22	8,547	45.7	94,884	0.7	42	5,484	29.3	61,095	0.6	52
65-74	495	51.8	4,794	0.4	14	383	40.1	3,543	0.6	38	256	26.8	2,380	0.6	55
75-84	202	41.4	2,047	0.3	10	179	36.7	1,826	0.7	33	107	21.9	1,093	0.7	53
85 and older	104	40.0	1,070	0.3	9	63	24.2	624	0.6	22	28	10.8	293	0.7	60
<b>Other Eligibles</b>	38,268	60.5	418,554	0.4	15	23,716	37.5	260,582	0.7	33	13,231	20.9	148,150	0.7	54
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	2	40.0	24	0.8	34	0	0.0	0	0.0	0
15-20	13	86.7	137	0.2	8	2	13.3	22	0.2	13	0	0.0	0	0.0	0
21-44	369	54.3	3,772	0.3	15	71	10.5	740	0.5	27	29	4.3	298	0.4	33
45-64	64	51.6	640	0.4	22	25	20.2	278	0.6	35	16	12.9	168	0.5	36
65-74	13,769	70.0	154,439	0.4	14	9,967	50.6	111,416	0.7	38	6,571	33.4	73,991	0.7	55
75-84	13,762	60.8	151,519	0.4	15	9,125	40.3	100,170	0.7	32	5,143	22.7	57,617	0.7	54
85 and older	10,291	51.2	108,047	0.4	15	4,524	22.5	47,932	0.7	26	1,472	7.3	16,076	0.7	46
<b>Male</b>	29,153	55.0	312,919	0.4	23	14,675	27.7	156,230	0.7	38	9,848	18.6	106,720	0.6	52
<b>Disabled</b>	18,417	61.4	200,496	0.4	28	7,396	24.6	79,704	0.7	42	5,626	18.7	61,091	0.6	52
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	2	66.7	18	0.1	1	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	42	35.3	471	0.1	6	4	3.4	48	0.5	18	1	0.8	12	1.1	63
21-44	7,910	57.1	88,545	0.4	29	1,795	13.0	20,108	0.7	40	1,446	10.4	16,198	0.6	46
45-64	10,062	67.1	107,845	0.4	28	5,372	35.8	57,490	0.7	43	4,000	26.7	43,184	0.6	54
65-74	272	40.1	2,413	0.4	12	164	24.2	1,434	0.7	40	131	19.3	1,209	0.6	52
75-84	97	37.2	885	0.3	9	54	20.7	550	0.7	32	41	15.7	412	0.5	46
85 and older	32	34.4	319	0.4	10	7	7.5	74	0.6	28	7	7.5	76	0.8	60
<b>Other Eligibles</b>	10,736	46.7	112,423	0.4	14	7,279	31.7	76,526	0.7	33	4,222	18.4	45,629	0.7	53
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	1	16.7	12	0.1	0	0	0.0	0	0.0	0	1	16.7	9	0.4	26
15-20	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
21-44	247	58.3	2,560	0.5	27	34	8.0	277	0.6	34	29	6.8	303	0.5	40
45-64	112	47.9	1,127	0.4	26	36	15.4	366	0.8	34	33	14.1	311	0.6	48
65-74	5,047	49.5	54,425	0.4	16	3,784	37.1	40,954	0.7	37	2,533	24.9	27,713	0.7	54
75-84	3,497	44.2	36,109	0.4	12	2,429	30.7	24,910	0.7	31	1,348	17.0	14,448	0.7	52
85 and older	1,832	43.6	18,190	0.4	12	996	23.7	10,019	0.7	26	278	6.6	2,845	0.7	47
<b>Unknown</b>	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table D7C

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

- a. Table D.7C includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. 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 2001. 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 D.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>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

Beneficiary Characteristics	ANTIHYPERTENSIVE				ANTIASTHMATIC				Mean Rx \$	No. of Benes	No. of Mos	
	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx				
<b>All</b>	<b>64,525</b>	<b>43.8 %</b>	<b>700,551</b>	<b>0.7</b>	<b>\$24</b>	<b>63,802</b>	<b>43.3 %</b>	<b>697,646</b>	<b>0.5</b>	<b>\$24</b>	<b>147,362</b>	<b>1,520,738</b>
<b>Female</b>	44,228	46.9	484,369	0.7	25	42,634	45.2	471,389	0.5	23	94,362	987,377
<b>Disabled</b>	11,021	35.4	121,482	0.6	24	17,409	55.9	195,233	0.4	25	31,127	330,165
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
6-14	4	80.0	48	0.2	6	1	20.0	12	0.1	2	5	52
15-20	9	10.3	102	0.4	20	21	24.1	242	0.3	20	87	914
21-44	1,811	17.0	20,394	0.5	19	4,478	42.1	50,815	0.4	19	10,639	116,014
45-64	8,406	45.0	93,212	0.6	24	12,296	65.8	137,958	0.5	27	18,693	199,054
65-74	423	44.3	3,963	0.6	27	410	42.9	4,166	0.5	28	955	7,645
75-84	237	48.6	2,436	0.6	24	153	31.4	1,564	0.5	23	488	4,151
85 and older	131	50.4	1,327	0.7	23	50	19.2	476	0.3	16	260	2,335
<b>Other Eligibles</b>	33,207	52.5	362,887	0.7	25	25,225	39.9	276,156	0.5	22	63,235	657,212
5 and younger	0	0.0	0	0.0	0	1	25.0	12	0.1	8	4	29
6-14	2	40.0	14	0.4	13	0	0.0	0	0.0	0	5	39
15-20	6	40.0	61	0.3	10	0	0.0	0	0.0	0	15	142
21-44	49	7.2	500	0.5	16	134	19.7	1,449	0.2	9	679	5,522
45-64	29	23.4	297	0.6	19	26	21.0	288	0.4	21	124	878
65-74	11,385	57.8	127,075	0.7	25	10,337	52.5	115,738	0.5	26	19,682	209,255
75-84	12,856	56.8	141,272	0.7	25	8,943	39.5	98,149	0.5	22	22,639	238,913
85 and older	8,880	44.2	93,668	0.7	24	5,784	28.8	60,520	0.4	16	20,087	202,434
<b>Male</b>	20,297	38.3	216,182	0.7	24	21,168	39.9	226,257	0.5	25	53,000	533,361
<b>Disabled</b>	9,667	32.2	104,037	0.6	24	10,035	33.4	108,846	0.5	26	30,011	310,119
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	3	30
6-14	1	33.3	9	0.3	7	0	0.0	0	0.0	0	3	33
15-20	15	12.6	173	0.3	10	28	23.5	317	0.2	7	119	1,275
21-44	2,760	19.9	30,808	0.6	22	3,018	21.8	34,307	0.4	19	13,851	149,170
45-64	6,482	43.2	69,285	0.6	25	6,600	44.0	70,717	0.5	29	15,003	152,026
65-74	286	42.2	2,509	0.6	25	276	40.7	2,480	0.5	33	678	4,823
75-84	92	35.2	923	0.7	23	88	33.7	822	0.6	27	261	2,019
85 and older	31	33.3	330	0.6	22	25	26.9	203	0.3	22	93	743
<b>Other Eligibles</b>	10,630	46.2	112,145	0.7	24	11,133	48.4	117,411	0.5	25	22,989	223,242
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	12
6-14	5	83.3	57	0.3	3	1	16.7	12	0.2	2	6	69
15-20	1	9.1	12	0.8	96	0	0.0	0	0.0	0	11	65
21-44	62	14.6	574	0.5	15	47	11.1	495	0.3	14	424	3,417
45-64	54	23.1	566	0.6	19	47	20.1	453	0.3	16	234	1,715
65-74	5,046	49.5	54,718	0.7	25	5,330	52.3	58,057	0.5	28	10,192	102,441
75-84	3,741	47.3	38,911	0.7	23	3,958	50.0	40,815	0.5	25	7,917	76,157
85 and older	1,721	40.9	17,307	0.7	22	1,750	41.6	17,579	0.5	18	4,204	39,366
<b>Unknown</b>	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0

Table D7D

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. Table D.7D includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. 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 2001. 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 D.8  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

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>\$290</b>	<b>6.8</b>	<b>21,186</b>	<b>226,440</b>
<b>Age</b>				
0-64	425	7.8	1,751	19,988
65-74	373	8.0	2,830	30,724
75-84	304	7.1	6,798	71,941
85 and older	229	6.1	9,807	103,787
Unknown	0	0.0	0	0
<b>Gender</b>				
Female	282	6.8	15,770	170,084
Male	312	6.8	5,416	56,356
Unknown	0	0.0	0	0
<b>Race</b>				
White	295	7	18,374	195,877
African American	258	5.7	2,459	27,353
Other/unknown	254	6	353	3,210
<b>Basis of Eligibility<sup>c</sup></b>				
Aged	277	6.7	19,358	205,887
Disabled	420	7.8	1,827	20,541
Adults	0	0.0	0	0
Children	111	4.4	1	12
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. Table D.8 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their 2001 Medicaid enrollment. A total of 14,060 beneficiaries who were in nursing facilities for part of their enrollment and their 127,562 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 D.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>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			\$ per Rx			Users							
	Total	Patented	Off-Patent	Total	Patented	Off-Patent	Total	Patented	Off-Patent	Total # of Rx	Total Rx \$	No.	As % of Dual All-Year NF Residents	No. of Bene Mos			
		Brand-Name	Generic		Brand-Name	Generic		Brand-Name	Generic								
Anti-infective Agents	0.4	0.2	0.0	0.2	\$17	\$14	\$0	\$2	\$46	\$72	\$38	\$12	61,883	\$2,817,925	15,291	72.2 %	170,079
Biologics	0.1	0.1	0.0	0.0	1	1	0	1	14	11	0	19	1,083	15,352	1,018	4.8	11,468
Antineoplastic Agents	0.6	0.2	0.2	0.2	75	36	27	12	118	177	137	52	8,875	1,045,168	1,281	6.0	13,885
Endocrine/Metabolic Drugs	1.2	0.6	0.1	0.5	35	29	1	5	30	51	15	10	126,333	3,802,228	9,916	46.8	108,133
Cardiovascular Agents	2.0	0.6	0.2	1.2	49	27	4	18	24	44	20	15	348,530	8,309,665	15,768	74.4	170,436
Respiratory Agents	0.7	0.3	0.0	0.4	27	19	0	7	37	55	22	20	82,692	3,054,876	10,315	48.7	114,514
Gastrointestinal Agents	1.0	0.2	0.0	0.7	34	20	3	11	35	86	60	16	115,992	4,035,499	10,836	51.1	119,257
Genitourinary Agents	0.6	0.4	0.0	0.2	31	28	0	3	50	64	30	16	32,539	1,642,156	4,804	22.7	53,174
CNS Drugs	1.7	1.0	0.1	0.6	123	102	8	13	72	99	88	22	288,243	20,853,196	15,618	73.7	169,929
Stimulants/Anti-obesity/Anorexia	0.5	0.0	0.1	0.3	32	5	7	21	68	148	51	67	62	4,227	12	0.1	131
Miscellaneous Psychological/Neurological Agents	0.8	0.8	0.0	0.0	94	94	0	0	115	116	0	32	26,213	3,027,470	3,024	14.3	32,123
Analgesics and Anesthetics	1.0	0.4	0.0	0.5	44	37	2	5	45	81	52	11	114,274	5,174,476	10,857	51.2	118,638
Neuromuscular Agents	1.4	0.5	0.1	0.7	65	40	5	19	48	80	37	28	106,682	5,121,412	7,071	33.4	78,699
Nutritional Products	0.8	0.0	0.2	0.5	13	0	5	7	17	14	24	14	72,785	1,223,694	8,805	41.6	96,404
Hematological Agents	1.1	0.2	0.3	0.6	40	30	3	7	37	120	12	12	76,670	2,833,900	6,541	30.9	71,092
Topical Products	0.5	0.2	0.0	0.3	16	11	1	4	32	51	37	14	73,222	2,314,609	12,659	59.8	142,084
Miscellaneous Products	0.3	0.1	0.0	0.2	9	4	1	5	30	47	206	21	4,901	149,079	1,467	6.9	16,416
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	8	0	0	0	24	0	0	0	6,349	150,764	1,772	8.4	20,041
TOTAL NO. OF RX AND RX \$	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1,547,328	65,575,696	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

- a. Table D.9 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 14,060 beneficiaries who were in nursing facilities for part of their enrollment and their 127,562 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 2001. 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, 0.7 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 D.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>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

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	\$10,483,266	10,104	47.7 %	112,352	0.8	\$121	\$93
ANTIDEPRESSANTS	8,573,760	15,289	72.2	168,488	0.8	61	51
ANTICONVULSANT	3,544,285	6,237	29.4	70,307	1.0	49	50
ULCER DRUGS	3,294,789	11,589	54.7	128,850	0.6	42	26
MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL	3,027,470	3,004	14.2	31,998	0.8	115	95
ANALGESICS - ANTI-INFLAMMATORY	2,767,219	6,075	28.7	67,582	0.6	65	41
ANTIHYPERTENSIVE	2,546,663	8,777	41.4	95,423	0.8	31	27
ANTIDIABETIC	2,425,277	7,003	33.1	76,830	0.8	38	32
ANALGESICS - Narcotic	2,263,676	10,178	48.0	111,771	0.6	35	20
CALCIUM BLOCKERS	1,906,160	4,748	22.4	51,727	0.9	41	37
<b>Total</b>	<b>40,832,565</b>	<b>83,004</b>		<b>915,328</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. Table D.10 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 14,060 beneficiaries who were in nursing facilities for part of their enrollment and their 127,562 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 2001. 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 2001 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); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.



TABLE D.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>  
DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIPSYCHOTICS				ANTIDEPRESSANTS			
	No. of Rx	Rx \$	No. of Users	Mean No. of Rx	Users as % of All-Year Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	Users as % of All-Year Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
<b>All</b>	<b>702,012</b>	<b>\$40,832,565</b>	<b>10,104</b>	<b>47.7 %</b>	<b>112,352</b>	<b>0.8</b>	<b>\$93</b>	<b>15,289</b>	<b>72.2 %</b>	<b>168,488</b>	<b>0.8</b>	<b>\$51</b>
<b>Female</b>	520,924	29,818,590	7,188	45.6	80,487	0.7	90	11,449	72.6	126,923	0.8	51
<b>Disabled</b>	39,893	2,894,844	574	64.2	6,638	1.0	144	738	82.6	8,509	0.9	62
64 or younger	38,684	2,837,114	560	66.5	6,517	1.0	145	716	85.0	8,297	0.9	63
65-74	427	21,262	6	54.5	56	1.5	108	8	72.7	80	1.1	43
75-84	312	16,244	5	27.8	49	0.3	71	4	22.2	38	0.7	49
85 and older	470	20,224	3	13.0	16	0.9	113	10	43.5	94	0.7	39
<b>Other Eligibles</b>	481,031	26,923,746	6,614	44.5	73,849	0.7	85	10,711	72.0	118,414	0.8	50
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	75,430	4,720,734	1,060	64.2	12,061	0.9	127	1,445	87.5	16,267	0.9	54
75-84	183,290	10,537,619	2,522	50.4	28,118	0.8	90	3,998	79.9	43,999	0.8	51
85 and older	222,311	11,665,393	3,032	36.9	33,670	0.6	65	5,268	64.1	58,148	0.8	48
<b>Male</b>	181,088	11,013,975	2,916	53.8	31,865	0.8	103	3,840	70.9	41,565	0.8	52
<b>Disabled</b>	41,280	2,947,867	607	65.1	7,017	1.0	154	721	77.3	8,253	0.9	61
64 or younger	40,919	2,925,527	598	65.8	6,916	1.0	154	711	78.2	8,168	0.9	61
65-74	211	12,981	6	54.5	72	0.7	110	3	27.3	36	0.4	27
75-84	40	1,505	1	20.0	12	0.1	7	2	40.0	13	1.1	72
85 and older	110	7,854	2	25.0	17	1.3	192	5	62.5	36	1.0	81
<b>Other Eligibles</b>	139,808	8,066,108	2,309	51.5	24,848	0.8	88	3,119	69.6	33,312	0.8	50
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	44,998	2,815,438	707	61.2	7,897	0.8	111	872	75.4	9,723	0.8	55
75-84	55,402	3,115,382	918	51.7	9,784	0.8	83	1,247	70.3	13,170	0.8	48
85 and older	39,408	2,135,288	684	44.0	7,167	0.7	70	1,000	64.4	10,419	0.8	46
<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 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. Table D.10A includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 14,060 beneficiaries who were in nursing facilities for part of their enrollment and their 127,562 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 2001. 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 2001 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 D.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>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

Beneficiary Characteristics	ANTICONVULSANT						ULCER DRUGS						MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL					
	Users as %			No. of Bene			Users as %			No. of Bene			Users as %			No. of Bene		
	No. of Users	Residents	Mean No. of Rx	No. of Users	Residents	Mean No. of Rx	No. of Users	Residents	Mean No. of Rx	No. of Users	Residents	Mean No. of Rx	No. of Users	Residents	Mean No. of Rx	No. of Users	Residents	Mean No. of Rx
<b>All</b>	<b>6,237</b>	<b>29.4 %</b>	<b>1.0</b>	<b>70,307</b>	<b>1.0</b>	<b>\$50</b>	<b>11,589</b>	<b>54.7 %</b>	<b>0.6</b>	<b>128,850</b>	<b>0.6</b>	<b>\$26</b>	<b>3,004</b>	<b>14.2 %</b>	<b>31,998</b>	<b>0.8</b>	<b>\$95</b>	
<b>Female</b>	4,087	25.9	1.0	46,205	1.0	47	8,681	55.0	0.6	97,087	0.6	25	2,249	14.3	24,260	0.8	95	
<b>Disabled</b>	682	76.3	1.2	7,981	1.2	71	521	58.3	0.6	6,003	0.6	30	43	4.8	496	0.9	136	
64 or younger	670	79.6	1.2	7,862	1.2	71	490	58.2	0.6	5,697	0.6	30	40	4.8	469	0.8	138	
65-74	4	36.4	0.6	30	0.6	11	7	63.6	0.4	61	0.4	30	2	18.2	15	1.9	134	
75-84	5	27.8	0.9	60	0.9	43	12	66.7	0.7	134	0.7	26	0	0.0	0	0.0	0	
85 and older	3	13.0	0.6	29	0.6	13	12	52.2	0.7	111	0.7	31	1	4.3	12	0.4	51	
<b>Other Eligibles</b>	3,405	22.9	1.0	38,224	1.0	42	8,160	54.9	0.6	91,084	0.6	25	2,206	14.8	23,764	0.8	94	
64 or younger	0	0.0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0	0	0.0	0	0.0	0	
65-74	848	51.3	1.1	9,652	1.1	53	1,010	61.1	0.6	11,445	0.6	27	191	11.6	2,046	0.8	92	
75-84	1,428	28.6	1.0	15,987	1.0	44	2,895	57.9	0.6	32,333	0.6	25	895	17.9	9,613	0.8	93	
85 and older	1,129	13.7	0.9	12,585	0.9	33	4,255	51.7	0.6	47,306	0.6	25	1,120	13.6	12,105	0.8	95	
<b>Male</b>	2,150	39.7	1.1	24,102	1.1	56	2,908	53.7	0.6	31,763	0.6	27	755	13.9	7,738	0.8	94	
<b>Disabled</b>	737	79.0	1.2	8,570	1.2	77	508	54.4	0.6	5,855	0.6	29	43	4.6	478	0.7	90	
64 or younger	732	80.5	1.2	8,510	1.2	77	500	55.0	0.6	5,780	0.6	29	41	4.5	464	0.8	92	
65-74	5	45.5	1.0	60	1.0	23	4	36.4	0.6	48	0.6	11	1	9.1	12	0.2	20	
75-84	0	0.0	0.0	0	0.0	0	2	40.0	0.2	13	0.2	9	0	0.0	0	0.0	0	
85 and older	0	0.0	0.0	0	0.0	0	2	25.0	0.9	14	0.9	13	1	12.5	2	1.0	91	
<b>Other Eligibles</b>	1,413	31.5	1.0	15,532	1.0	45	2,400	53.5	0.6	25,908	0.6	26	712	15.9	7,260	0.8	94	
64 or younger	0	0.0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0	0	0.0	0	0.0	0	
65-74	583	50.4	1.0	6,564	1.0	52	619	53.5	0.6	6,913	0.6	27	139	12.0	1,448	0.8	96	
75-84	539	30.4	0.9	5,866	0.9	43	959	54.1	0.6	10,294	0.6	27	324	18.3	3,245	0.8	95	
85 and older	291	18.7	0.9	3,102	0.9	35	822	52.9	0.6	8,701	0.6	25	249	16.0	2,567	0.8	93	
<b>Unknown</b>	0	0.0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0	0	0.0	0	0.0	0	

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. Table D.10B includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 14,060 beneficiaries who were in nursing facilities for part of their enrollment and their 127,562 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 2001. 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 2001 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 D.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>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

Beneficiary Characteristics	ANALGESICS - ANTI-INFLAMMATORY						ANTIHYPERTENSIVE						ANTIDIABETIC					
	Users as %			Users as %			Users as %			Users as %			Users as %			Users as %		
	No. of Users	No. of Bene Users	Mean No. of Rx	No. of Users	No. of Bene Users	Mean No. of Rx	No. of Users	No. of Bene Users	Mean No. of Rx	No. of Users	No. of Bene Users	Mean No. of Rx	No. of Users	No. of Bene Users	Mean No. of Rx	No. of Users	No. of Bene Users	Mean No. of Rx
<b>All</b>	<b>6,075</b>	<b>67,582</b>	<b>0.6</b>	<b>8,777</b>	<b>95,423</b>	<b>0.8</b>	<b>7,003</b>	<b>76,830</b>	<b>\$41</b>	<b>\$27</b>	<b>\$27</b>	<b>33.1 %</b>	<b>33.1 %</b>	<b>33.1 %</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>\$32</b>
<b>Female</b>	4,721	52,783	0.6	6,444	70,466	0.8	5,179	57,379	42	27	27	32.8	32.8	32.8	0.8	0.8	0.8	32
<b>Disabled</b>	295	3,409	0.5	270	3,045	0.9	344	3,868	32	27	27	38.5	38.5	38.5	0.9	0.9	0.9	39
64 or younger	280	3,265	0.5	248	2,828	0.9	326	3,696	31	27	27	38.7	38.7	38.7	0.9	0.9	0.9	40
65-74	6	53	0.9	6	36	1.1	8	87	56	43	43	72.7	72.7	72.7	0.7	0.7	0.7	26
75-84	1	12	1.3	4	48	0.7	5	50	93	33	33	27.8	27.8	27.8	1.1	1.1	1.1	25
85 and older	8	79	0.6	12	133	0.7	5	35	52	19	19	21.7	21.7	21.7	0.8	0.8	0.8	18
<b>Other Eligibles</b>	4,426	49,374	0.6	6,174	67,421	0.8	4,835	53,511	43	27	27	32.5	32.5	32.5	0.8	0.8	0.8	31
64 or younger	0	0	0.0	0	0	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0
65-74	552	6,244	0.7	768	8,423	0.9	928	10,208	46	27	27	56.2	56.2	56.2	0.9	0.9	0.9	36
75-84	1,577	17,544	0.6	2,269	24,884	0.8	2,103	23,305	45	27	27	42.1	42.1	42.1	0.8	0.8	0.8	33
85 and older	2,297	25,586	0.6	3,137	34,114	0.8	1,804	19,998	41	26	26	21.9	21.9	21.9	0.8	0.8	0.8	26
<b>Male</b>	1,354	14,799	0.6	2,333	24,957	0.8	1,824	19,451	37	27	27	33.7	33.7	33.7	0.8	0.8	0.8	31
<b>Disabled</b>	226	2,600	0.6	324	3,683	0.9	274	3,161	35	28	28	29.4	29.4	29.4	0.9	0.9	0.9	38
64 or younger	225	2,588	0.6	319	3,623	0.9	271	3,135	35	28	28	29.8	29.8	29.8	0.9	0.9	0.9	38
65-74	0	0	0.0	4	48	0.8	1	2	0	31	31	9.1	9.1	9.1	0.5	0.5	0.5	7
75-84	0	0	0.0	0	0	0.0	2	24	0	0	0	40.0	40.0	40.0	0.7	0.7	0.7	9
85 and older	1	12	0.8	1	12	1.2	0	0	56	12	12	0.0	0.0	0.0	0.0	0.0	0.0	0
<b>Other Eligibles</b>	1,128	12,199	0.6	2,009	21,274	0.8	1,550	16,290	38	26	26	34.6	34.6	34.6	0.8	0.8	0.8	30
64 or younger	0	0	0.0	0	0	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0
65-74	295	3,303	0.6	588	6,580	0.9	499	5,546	40	28	28	43.2	43.2	43.2	0.8	0.8	0.8	33
75-84	472	5,057	0.6	815	8,534	0.8	639	6,488	35	25	25	36.0	36.0	36.0	0.9	0.9	0.9	29
85 and older	361	3,839	0.6	606	6,160	0.8	412	4,256	39	26	26	26.5	26.5	26.5	0.8	0.8	0.8	28
<b>Unknown</b>	0	0	0.0	0	0	0.0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

- a. Table D.10C includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 14,060 beneficiaries who were in nursing facilities for part of their enrollment and their 127,562 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 2001. 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 2001 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).
- Benefit 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 D.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>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

Beneficiary Characteristics	ANALGESICS - Narcotic										CALCIUM BLOCKERS									
	Users as %					Users as %					Users as %					Users as %				
	No. of Users	No. of Users	Residents	NF	All-Year	No. of Bene Mos among Users	No. of Bene Mos among Users	No. of Bene Mos among Users	Mean Rx	Mean Rx\$	No. of Rx	No. of Rx	No. of Rx	No. of Rx	Mean Rx\$	Mean Rx\$	All-Year NF Residents	All-Year NF Residents	Bene Mos among All-Year NF Residents	
<b>All</b>	10,178	48.0 %	111,771	0.6	\$20	4,748	22.4 %	51,727	0.9	\$37	21,186	226,440								
<b>Female</b>	8,026	50.9	88,719	0.6	21	3,686	23.4	40,352	0.9	37	15,770	170,084								
<b>Disabled</b>	454	50.8	5,174	0.6	38	127	14.2	1,464	0.9	41	894	10,096								
64 or younger	434	51.5	5,009	0.6	39	117	13.9	1,371	0.9	41	842	9,700								
65-74	5	45.5	51	0.2	4	2	18.2	15	1.3	46	11	88								
75-84	2	11.1	3	0.7	11	1	5.6	12	1.0	71	18	135								
85 and older	13	56.5	111	0.6	8	7	30.4	66	0.8	34	23	173								
<b>Other Eligibles</b>	7,572	50.9	83,545	0.6	20	3,559	23.9	38,888	0.9	37	14,876	159,988								
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0								
65-74	970	58.7	10,911	0.7	23	396	24.0	4,432	0.9	39	1,652	18,115								
75-84	2,651	53.0	29,180	0.6	22	1,213	24.3	13,234	0.9	37	5,001	53,714								
85 and older	3,951	48.0	43,454	0.5	18	1,950	23.7	21,222	0.9	36	8,223	88,159								
<b>Male</b>	2,152	39.7	23,052	0.5	18	1,062	19.6	11,375	0.9	38	5,416	56,356								
<b>Disabled</b>	388	41.6	4,464	0.6	23	169	18.1	1,918	0.9	45	933	10,445								
64 or younger	382	42.0	4,399	0.6	23	165	18.2	1,892	0.9	45	909	10,288								
65-74	3	27.3	36	0.2	2	2	18.2	13	0.7	31	11	103								
75-84	2	40.0	24	0.3	5	1	20.0	1	1.0	41	5	16								
85 and older	1	12.5	5	0.2	2	1	12.5	12	1.1	42	8	38								
<b>Other Eligibles</b>	1,764	39.3	18,588	0.5	16	893	19.9	9,457	0.9	36	4,483	45,911								
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0								
65-74	451	39.0	4,998	0.7	24	256	22.1	2,832	0.9	39	1,156	12,418								
75-84	686	38.7	7,094	0.5	14	380	21.4	3,972	0.9	36	1,774	18,076								
85 and older	627	40.4	6,496	0.5	13	257	16.5	2,653	0.9	34	1,553	15,417								
<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 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. Table D.10D includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 14,060 beneficiaries who were in nursing facilities for part of their enrollment and their 127,562 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 2001. 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 2001 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 D.11  
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG DUALS  
 BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 MISSOURI, 2001

Beneficiary Characteristics	No. of Benes with at Least One Part D Excl Rx	% Benes with at Least One Part D Excl Rx		No. of Part D Excl Rx per Bene	Total No. Part D Excl Rx	Total Part D Excl Rx \$	\$ per Part D Excl Rx	Part D Excl Rx as % of All Rx \$	Total No. of Benes
		67.5 %	7.4						
<b>All</b>	<b>99,398</b>	<b>67.5 %</b>	<b>7.4</b>	<b>1,095,175</b>	<b>\$106</b>	<b>\$15,565,343</b>	<b>\$14</b>	<b>3.8 %</b>	<b>147,362</b>
<b>Age</b>									
5 and younger	3	37.5	9.1	73	317	2,534	35	20.6	8
6-14	13	68.4	6.4	121	64	1,215	10	1.0	19
15-20	111	47.8	3.6	846	78	18,031	21	3.3	232
21-44	14,497	56.6	5.4	139,147	97	2,484,028	18	3.0	25,593
45-64	23,487	69.0	8.0	273,914	135	4,580,827	17	3.7	34,054
65-74	20,550	65.2	7.1	224,160	99	3,129,177	14	4.0	31,507
75-84	21,925	70.0	7.9	246,061	96	3,000,055	12	4.1	31,305
85 and older	18,812	76.3	8.6	210,853	95	2,349,476	11	4.9	24,644
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Basis of Eligibility<sup>c</sup></b>									
Aged	59,847	70.7	7.9	667,756	98	8,299,234	12	4.3	84,678
Disabled	39,054	63.9	6.9	424,558	118	7,219,486	17	3.4	61,138
Adults	477	31.7	1.7	2,608	28	41,696	16	3.1	1,505
Children	20	48.8	6.2	253	120	4,927	19	2.7	41
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Gender</b>									
Female	68,052	72.1	8.3	779,487	115	10,876,513	14	4.2	94,362
Male	31,346	59.1	6.0	315,688	88	4,688,830	15	3.2	53,000
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Race</b>									
White	82,150	69.1	7.8	931,208	114	13,599,312	15	3.9	118,808
African American	15,687	60.9	5.8	150,301	69	1,781,435	12	3.2	25,769
Other/unknown	1,561	56.1	4.9	13,666	66	184,596	14	3.7	2,785
<b>Use of Nursing Facilities<sup>d</sup></b>									
Entire year	17,725	83.7	10.7	226,520	126	2,659,602	12	4.1	21,186
Part year	11,603	82.5	8.3	117,213	107	1,504,847	13	4.3	14,060
None	70,070	62.5	6.7	751,442	102	11,400,894	15	3.7	112,116
<b>Maintenance Assistance Status</b>									
Cash	31,473	66.6	8.1	382,502	110	5,201,704	14	3.9	47,240
Medically needy	0	0.0	0.0	0	0	0	0	0.0	0
Poverty related	5,155	61.8	5.1	42,229	83	693,935	16	3.5	8,338
Other/unknown	62,770	68.4	7.3	670,444	105	9,669,704	14	3.8	91,784

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

- a. Table D.11 includes the beneficiaries represented by Cell G of Table 1. Beneficiaries include all dual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2001.
  - b. 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 D.12  
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG DUALS PER BENEFIT MONTH  
 BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 MISSOURI, 2001

Beneficiary Characteristics	No. Rx per Bene Mo.	Rx \$ per Bene Mo.	\$ per Rx	Barbiturate \$ per Bene Mo.	Benzodiazapine \$ per Bene Mo.	No. of Bene Mos
	0.7	\$10	\$14	\$0	\$3	1,520,738
<b>All</b>						
<b>Age</b>						
5 and younger	1.0	36	35	0	0	71
6-14	0.6	6	10	0	0	193
15-20	0.4	8	21	0	1	2,396
21-44	0.5	9	18	0	4	274,123
45-64	0.8	13	17	0	4	353,673
65-74	0.7	10	14	0	2	324,164
75-84	0.8	9	12	0	2	321,240
85 and older	0.9	10	11	0	2	244,878
Unknown	0.0	0	0	0	0	0
<b>Basis of Eligibility<sup>c</sup></b>						
Aged	0.8	10	12	0	2	868,145
Disabled	0.7	11	17	0	4	640,284
Adults	0.2	3	16	0	1	11,955
Children	0.7	14	19	0	2	354
Unknown	0.0	0	0	0	0	0
<b>Gender</b>						
Female	0.8	11	14	0	3	987,377
Male	0.6	9	15	0	3	533,361
Unknown	0.0	0	0	0	0	0
<b>Race</b>						
White	0.8	11	15	0	3	1,220,501
African American	0.6	7	12	0	1	272,073
Other/unknown	0.5	7	14	0	1	28,164
<b>Use of Nursing Facilities<sup>d</sup></b>						
Entire year	1.0	12	12	0	2	226,440
Part year	0.9	12	13	0	3	127,562
None	0.6	10	15	0	3	1,166,736
<b>Maintenance Assistance Status</b>						
Cash	0.7	10	14	0	3	543,016
Medically needy	0.0	0	0	0	0	0
Poverty related	0.5	9	16	0	3	77,896
Other/unknown	0.7	11	14	0	3	899,826

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

- a. Table D.12 includes the beneficiaries represented by Cell G of Table 1. Beneficiaries include all dual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2001.
- b. 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 D.13  
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS FOR SELECTED DRUG CATEGORIES AMONG DUALS<sup>a,b,c</sup>  
 MISSOURI, 2001

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>176,325</b>	<b>\$88</b>	<b>\$15,565,343</b>	<b>100.0 %</b>	<b>1,095,175</b>	<b>\$14</b>	<b>100.0 %</b>
Anorexia or weight loss/gain	7	23	160	0.0	12	13	0.0
Fertility drugs	0	0	0	0.0	0	0	0.0
Drugs for cosmetic purposes	38	21	789	0.0	77	10	0.0
Cough and cold medications	34,540	87	3,002,328	19.3	109,380	27	10.0
Vitamins and minerals	36,165	124	4,484,837	28.8	245,842	18	22.4
Non-prescription drugs	61,796	46	2,871,431	18.4	438,439	7	40.0
Barbiturates	1,575	53	84,251	0.5	16,152	5	1.5
Benzodiazepines	37,514	117	4,381,086	28.1	267,247	16	24.4
Other Part D Excl Rx Drugs	4,690	158	740,461	4.8	18,026	41	1.6

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. Table D.13 includes the beneficiaries represented by Cell G of Table 1. Beneficiaries include all dual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2001. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2001. 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 D11.

b. Includes OTC drugs as well as prescription drugs.

c. 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.











SUPPLEMENTAL TABLE 1E  
 MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 85 AND OLDER<sup>a, b</sup>  
 MISSOURI, 2001

Total Number of Dual Eligible Beneficiaries, Age 85+ 24,644  
 Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 85+ \$48,058,275  
 Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 85+ \$1,950

Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	Percent of Dual Beneficiaries, Age 85+	Pharmacy Reimbursement	Percent of Total Pharmacy Reimbursement
\$0	1,453	5.9 %	0	0.0 %
1-500	4,354	17.7	1,049,883	2.2
501-1,000	3,552	14.4	2,645,032	5.5
1,001-1,500	3,091	12.5	3,850,377	8.0
1,501-2,000	2,589	10.5	4,509,040	9.4
2,001-2,500	2,127	8.6	4,771,130	9.9
2,501-3,000	1,802	7.3	4,935,144	10.3
3,001-3,500	1,462	5.9	4,736,792	9.9
3,501-4,000	1,123	4.6	4,201,866	8.7
4,001-4,500	813	3.3	3,449,917	7.2
4,501-5,000	618	2.5	2,926,678	6.1
5,001-5,500	470	1.9	2,466,571	5.1
5,501-6,000	329	1.3	1,888,484	3.9
6,001-6,500	246	1.0	1,533,351	3.2
6,501-7,000	159	0.6	1,073,925	2.2
7,001-7,500	141	0.6	1,020,704	2.1
7,501-8,000	76	0.3	588,031	1.2
8,001-8,500	58	0.2	477,125	1.0
8,501-9,000	49	0.2	429,646	0.9
9,001-9,500	32	0.1	296,155	0.6
9,501-10,000	21	0.1	204,883	0.4
10,001+	79	0.3	1,003,541	2.1

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. This table is based on prescription drug claims for beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefit coverage during some or all months of Medicaid enrollment in 2001.

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

APPENDIX TABLE A.3

CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY<sup>a, b</sup>  
DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

Beneficiary Characteristics	No. of Beneficiaries					No. of Beneficiaries					
	All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children	Unknown
<b>All</b>	<b>147,682</b>	<b>84,678</b>	<b>61,139</b>	<b>1,814</b>	<b>51</b>	<b>1,526,431</b>	<b>868,159</b>	<b>641,227</b>	<b>16,542</b>	<b>503</b>	<b>0</b>
<b>Age</b>											
5 and younger	8	0	3	0	5	80	0	34	0	46	0
6-14	21	0	8	0	13	232	0	85	0	147	0
15-20	238	0	206	7	25	2,542	0	2,233	59	250	0
21-44	25,840	0	24,491	1,342	7	278,464	0	265,859	12,557	48	0
45-64	34,115	5	33,696	414	0	354,774	8	351,300	3,466	0	0
65-74	31,510	29,834	1,633	43	0	324,209	311,357	12,468	384	0	0
75-84	31,306	30,549	749	8	0	321,252	315,006	6,170	76	0	0
85 and older	24,644	24,290	353	0	1	244,878	241,788	3,078	0	12	0
Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>Gender</b>											
Female	94,569	62,398	31,127	1,015	29	991,252	650,525	330,869	9,564	294	0
Male	53,113	22,280	30,012	799	22	535,179	217,634	310,358	6,978	209	0
Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>Race</b>											
White	119,013	69,267	48,382	1,331	33	1,224,248	704,238	507,654	12,035	321	0
African American	25,878	13,351	12,061	449	17	273,934	142,922	126,633	4,206	173	0
Other/unknown	2,791	2,060	696	34	1	28,249	20,999	6,940	301	9	0
<b>Use of Nursing Facilities<sup>c</sup></b>											
Entire year	21,186	19,358	1,827	0	1	226,440	205,887	20,541	0	12	0
Part year	14,060	12,512	1,547	0	1	127,562	112,238	15,312	0	12	0
None	112,436	52,808	57,765	1,814	49	1,172,429	550,034	605,374	16,542	479	0
<b>Maintenance Assistance Status</b>											
Cash	47,365	21,630	25,189	537	9	545,230	250,457	290,574	4,118	81	0
Medically needy	0	0	0	0	0	0	0	0	0	0	0
Poverty related	8,340	4,032	4,220	64	24	78,051	34,150	43,091	555	255	0
Other/unknown	91,977	59,016	31,730	1,213	18	903,150	583,552	307,562	11,869	167	0
<b>Dual Status<sup>d</sup></b>											
Full dual, all year	133,961	78,446	53,697	1,767	51	1,388,065	809,660	561,874	16,028	503	0
Full dual, part year	13,721	6,232	7,442	47	0	138,366	58,499	79,353	514	0	0
<b>Managed Care Status</b>											
FFS all year	146,913	84,674	60,945	1,267	27	1,518,369	868,111	639,048	10,931	279	0
FFS part year, with Rx claims	338	4	181	145	8	3,644	48	2,051	1,467	78	0
FFS part year, no Rx claims	111	0	12	93	6	986	0	116	814	56	0
MC all year, with Rx claims	25	0	1	22	2	265	0	12	229	24	0
MC all year, no Rx claims	295	0	0	287	8	3,167	0	0	3,101	66	0



Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. Table A.3 includes the beneficiaries represented by Cell F 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.

d. The "Full dual, all year" group contains beneficiaries who had Medicare as well as Medicaid pharmacy benefits during all months of Medicaid enrollment in 2001. The "Full dual, part year" group contains beneficiaries who had such benefits for some, but not all, months of their enrollment. Refer to footnote g of Table 1 for more information about how we determined dual eligibility status.

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.4  
 MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS<sup>a</sup>  
 DUAL ELIGIBLE BENEFICIARIES, MISSOURI, 2001

Beneficiary Characteristics	Bene(s) in Cell F of Table 1		Bene(s) and		Included in Cell G of Table 1		Excluded from Cell G of Table 1	
	No. of Bene(s)	No. of Bene Mos	No. of Bene(s)	No. of Bene Mos	No. of Bene(s)	No. of Bene Mos	No. of Bene(s)	No. of Bene Mos
<b>All</b>	<b>147,682</b>	<b>1,526,431</b>	<b>147,362</b>	<b>1,520,738</b>	<b>0</b>	<b>5,693</b>		
FFS all year	146,913	1,518,369	146,913	1,518,369	0	0		
FFS part year, with Rx claims	338	3,644	338	1,957	0	1,687		
FFS part year, with no Rx claims	111	986	111	412	0	574		
MC all year, with Rx claims	25	265	0	0	0	265		
MC all year, with no Rx claims	295	3,167	0	0	0	3,167		

Source: Data for this table are from the MAX 2001 file for Missouri, released by CMS in 07/2005. This table was produced on 09/19/2006.

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.