

STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 1999 KENTUCKY

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TABLE 11

CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a, b}
DUAL ELIGIBLE BENEFICIARIES, KENTUCKY, 1999

Beneficiary Characteristics	No. of Benes						No. of Bene Mos					
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
All	86,606	42,985	43,072	530	19	0	868,563	411,711	453,791	2,977	84	0
Age												
5 and younger	8	2	6	0	0	0	67	7	60	0	0	0
6-14	13	0	9	0	4	0	126	0	98	0	28	0
15-20	187	1	185	0	1	0	1,977	10	1,956	0	11	0
21-44	13,244	11	12,857	368	8	0	136,754	98	134,384	2,237	35	0
45-64	16,058	36	15,868	148	6	0	162,700	309	161,702	679	10	0
65-74	20,651	10,417	10,220	14	0	0	212,284	99,624	112,599	61	0	0
75-84	20,282	17,016	3,266	0	0	0	203,059	167,022	36,037	0	0	0
85 and older	16,163	15,502	661	0	0	0	151,596	144,641	6,955	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Gender												
Female	55,380	31,820	23,316	237	7	0	561,451	310,540	249,445	1,430	36	0
Male	31,226	11,165	19,756	293	12	0	307,112	101,171	204,346	1,547	48	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	73,226	36,640	36,069	499	18	0	731,892	348,210	380,842	2,768	72	0
African American	5,453	3,004	2,422	26	1	0	53,472	28,865	24,436	159	12	0
Other/unknown	7,927	3,341	4,581	5	0	0	83,199	34,636	48,513	50	0	0
Use of Nursing Facilities												
All year	15,085	13,460	1,625	0	0	0	149,462	131,928	17,534	0	0	0
Part year	8,272	7,231	1,041	0	0	0	68,393	58,983	9,410	0	0	0
None	63,249	22,294	40,406	530	19	0	650,708	220,800	426,847	2,977	84	0
Maintenance Assistance Status												
Cash	53,480	17,061	36,258	158	3	0	573,532	179,365	392,865	1,285	17	0
Medically needy	4,450	2,781	1,423	237	9	0	25,003	17,924	6,076	970	33	0
Poverty-related	1,664	673	888	100	3	0	15,095	6,466	8,125	497	7	0
Other/unknown	27,012	22,470	4,503	35	4	0	254,933	207,956	46,725	225	27	0
Dual Medicare Status^c												
Full dual, all year	83,381	41,229	41,626	508	18	0	837,180	394,132	440,225	2,751	72	0
Full dual, part year	3,225	1,756	1,446	22	1	0	31,383	17,579	13,566	226	12	0
Managed Care Status												
FFS all year	83,221	41,443	41,267	493	18	0	854,903	405,186	446,746	2,888	83	0
FFS part year, with Rx claims	1,664	761	894	9	0	0	9,135	4,431	4,673	31	0	0
FFS part year, no Rx claims	1,721	781	911	28	1	0	4,525	2,094	2,372	58	1	0

Source: Data for this table are from the MAX 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 11 includes the beneficiaries represented by Cells G of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

Table 11

Dual Eligible Beneficiaries

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. 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 1999. 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 12
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BENEFICIARY CHARACTERISTIC^{a,b}
 DUAL ELIGIBLE BENEFICIARIES, KENTUCKY, 1999

Beneficiary Characteristics	% with at Least One Rx	Mean No. of Rx	Mean Rx \$	\$ per Rx	Mean \$, All Services	Rx \$ as % of All Services	Mean OTC Drug \$ ^c	No. of Benes
All	87.9 %	47.5	\$1,881	\$40	\$10,605	17.7 %	\$96	86,606
Age								
5 and younger	75.0	39.4	914	23	27,819	3.3	112	8
6-14	84.6	44.1	3,195	73	11,536	27.7	89	13
15-20	79.7	19.6	1,191	61	5,712	20.9	16	187
21-44	82.6	28.5	1,572	55	7,441	21.1	31	13,244
45-64	86.7	48.8	2,202	45	8,445	26.1	68	16,058
65-74	86.4	49.5	1,957	40	7,899	24.8	82	20,651
75-84	90.4	53.8	1,937	36	12,458	15.5	123	20,282
85 and older	92.3	51.6	1,658	32	16,526	10.0	164	16,163
Unknown	0.0	0.0	0	0	0	0.0	0	0
Basis of Eligibility								
Aged	88.7	50.4	1,772	35	13,400	13.2	134	42,985
Disabled	87.4	45.0	2,004	45	7,914	25.3	60	43,072
Adults	66.8	14.8	775	52	2,848	27.2	15	530
Children	52.6	8.9	856	96	7,445	11.5	2	19
Unknown	0.0	0.0	0	0	0	0.0	0	0
Gender								
Female	90.7	52.6	2,009	38	11,454	17.5	111	55,380
Male	82.8	38.4	1,656	43	9,101	18.2	70	31,226
Unknown	0.0	0.0	0	0	0	0.0	0	0
Race								
White	88.2	48.4	1,914	40	11,038	17.3	101	73,226
African American	84.4	39.5	1,497	38	12,675	11.8	106	5,453
Other/unknown	87.5	44.2	1,842	42	5,189	35.5	45	7,927
Use of Nursing Facilities								
Entire year	97.7	76.0	2,540	33	28,514	8.9	302	15,085
Part year	92.2	48.7	1,711	35	15,135	11.3	145	8,272
None	85.0	40.5	1,747	43	5,742	30.4	41	63,249
Maintenance Assistance Status								
Cash	87.8	42.9	1,806	42	5,380	33.6	46	53,480
Medically needy	67.8	29.0	1,147	40	8,367	13.7	84	4,450
Poverty related	63.1	14.1	646	46	2,685	24.1	17	1,664
Other/unknown	92.9	61.7	2,228	36	21,808	10.2	204	27,012

Source: Data for this table are from the MAX 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 06/25/2004.

Table 12

Dual Eligible Beneficiaries

a. Table 12 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. Information about OTC drugs appears in this column only. OTC drugs are not part of the reimbursement amount for prescription drugs.

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 13
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 DUAL ELIGIBLE BENEFICIARIES, KENTUCKY, 1999

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
All	4.7	\$188	17.7 %	12.1 %	15.4 %	10.5 %	28.3 %	24.7 %	8.9 %	\$1,058	86,606	868,563
Age												
5 and younger	4.7	109	3.3	25.0	25.0	0.0	25.0	12.5	12.5	3,322	8	67
6-14	4.5	330	27.7	15.4	7.7	15.4	46.2	7.7	7.7	1,190	13	126
15-20	1.9	113	20.9	20.3	41.7	10.7	19.8	5.9	1.6	540	187	1,977
21-44	2.8	152	21.1	17.4	30.9	13.5	23.3	11.9	3.0	721	13,244	136,754
45-64	4.8	217	26.1	13.3	15.0	10.4	28.2	24.3	8.9	833	16,058	162,700
65-74	4.8	190	24.8	13.6	13.9	9.9	27.9	25.9	8.8	768	20,651	212,284
75-84	5.4	193	15.5	9.6	11.1	9.4	29.9	29.0	11.1	1,244	20,282	203,059
85 and older	5.5	177	10.0	7.7	10.2	10.4	31.2	29.2	11.2	1,762	16,163	151,596
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Basis of Eligibility												
Aged	5.3	185	13.2	11.3	11.6	9.8	29.1	27.2	10.9	1,399	42,985	411,711
Disabled	4.3	190	25.3	12.6	19.1	11.2	27.6	22.5	7.0	751	43,072	453,791
Adults	2.6	138	27.2	33.2	21.9	10.4	22.5	10.8	1.3	507	530	2,977
Children	2.0	194	11.5	47.4	21.1	5.3	21.1	5.3	0.0	1,684	19	84
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Gender												
Female	5.2	198	17.5	9.3	12.7	10.2	29.8	27.8	10.3	1,130	55,380	561,451
Male	3.9	168	18.2	17.2	20.2	11.0	25.8	19.4	6.5	925	31,226	307,112
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Race												
White	4.8	192	17.3	11.8	15.1	10.3	28.0	25.3	9.6	1,104	73,226	731,892
African American	4.0	153	11.8	15.6	17.3	11.5	29.6	20.3	5.7	1,293	5,453	53,472
Other/unknown	4.2	176	35.5	12.5	16.9	11.5	30.7	23.1	5.3	494	7,927	83,199
Use of Nursing Facilities												
Entire year	7.7	256	8.9	2.3	5.5	6.2	25.6	36.6	23.8	2,878	15,085	149,462
Part year	5.9	207	11.3	7.8	9.3	9.9	29.9	30.3	12.7	1,831	8,272	68,393
None	3.9	170	30.4	15.0	18.5	11.6	28.8	21.2	4.9	558	63,249	650,708
Maintenance Assistance Status												
Cash	4.0	168	33.6	12.2	18.9	11.9	29.9	21.8	5.2	502	53,480	573,532
Medically needy	5.2	204	13.7	32.2	9.4	8.2	20.9	20.4	8.9	1,489	4,450	25,003
Poverty related	1.6	71	24.1	36.9	31.3	12.7	12.9	5.2	1.0	296	1,664	15,095
Other/unknown	6.5	236	10.2	7.1	8.4	8.0	27.3	32.4	16.8	2,311	27,012	254,933

Source: Data for this table are from the MAX 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 06/25/2004.

Table 13

Dual Eligible Beneficiaries

- a. Table 13 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.
- 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 14
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC^{a, b, c}
 DUAL ELIGIBLE BENEFICIARIES, KENTUCKY, 1999

Beneficiary Characteristics	All Rx			Patented Brand-Name Drugs			Off-Patent Brand-Name Drugs			Generic Drugs		
	No. of Rx	Rx \$	\$ per Rx	No. of Rx	Rx \$	\$ per Rx	No. of Rx	Rx \$	\$ per Rx	No. of Rx	Rx \$	\$ per Rx
All	4.7	\$188	\$40	1.6	\$109	\$69	0.7	\$31	\$43	2.2	\$37	\$17
Age												
5 and younger	4.7	109	23	1.0	43	42	0.5	22	43	2.3	38	16
6-14	4.5	330	73	1.7	254	145	0.4	40	93	2.2	26	12
15-20	1.9	113	61	0.7	77	109	0.2	20	80	0.8	15	17
21-44	2.8	152	55	1.0	99	98	0.4	24	67	1.2	23	19
45-64	4.8	217	45	1.8	134	75	0.7	34	52	2.1	37	18
65-74	4.8	190	40	1.7	111	67	0.7	31	43	2.1	37	17
75-84	5.4	193	36	1.7	107	63	0.9	34	38	2.5	41	17
85 and older	5.5	177	32	1.5	90	59	0.9	32	35	2.7	44	16
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Basis of Eligibility												
Aged	5.3	185	35	1.6	101	62	0.9	32	37	2.5	41	17
Disabled	4.3	190	45	1.5	115	76	0.6	31	50	1.9	33	17
Adults	2.6	138	52	1.0	84	85	0.3	24	77	1.2	22	19
Children	2.0	194	96	0.9	177	193	0.1	4	62	1.0	9	9
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Gender												
Female	5.2	198	38	1.7	115	66	0.8	33	41	2.4	39	16
Male	3.9	168	43	1.3	97	78	0.6	28	47	1.8	33	18
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Race												
White	4.8	192	40	1.6	111	69	0.7	32	43	2.2	38	17
African American	4.0	153	38	1.3	87	68	0.6	27	44	1.9	30	16
Other/unknown	4.2	176	42	1.5	104	71	0.7	29	45	1.8	31	17
Use of Nursing Facilities												
Entire year	7.7	256	33	2.2	135	61	1.2	43	37	3.9	65	17
Part year	5.9	207	35	1.8	112	63	0.9	35	38	2.8	49	17
None	3.9	170	43	1.4	102	73	0.6	28	47	1.7	29	17
Maintenance Assistance Status												
Cash	4.0	168	42	1.4	101	72	0.6	28	46	1.8	29	17
Medically needy	5.2	204	40	1.6	116	71	0.8	35	42	2.4	43	18
Poverty related	1.6	71	46	0.6	42	74	0.2	13	53	0.7	12	19
Other/unknown	6.5	236	36	2.0	129	65	1.0	40	39	3.2	54	17

Source: Data for this table are from the MAX 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 14 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.

Table 14

Dual Eligible Beneficiaries

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 Kentucky, 5.6 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all combined. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE 15

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d}
 DUAL ELIGIBLE BENEFICIARIES, KENTUCKY, 1999

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			\$ per Rx			Users							
	Total	Patented Brand-Name	Off-Patent Brand-Name	Total	Patented Brand-Name	Off-Patent Brand-Name	Total	Patented Brand-Name	Off-Patent Brand-Name	Total No. of Rx	Total Rx \$	No. Dual Benes	As % of Benes	No. of Bene Mos			
															Generic	Generic	Generic
Anti-infective Agents	0.4	0.2	0.0	0.2	\$18	\$15	\$0	\$2	\$48	\$75	\$64	\$14	217,279	\$10,332,259	53,843	62.2 %	584,275
Biologics	0.1	0.0	0.0	0.1	5	2	1	1	51	59	1,991	24	1,717	86,748	1,575	1.8	17,508
Antineoplastic Agents	0.6	0.2	0.3	0.2	70	36	27	7	115	210	104	41	17,326	2,000,858	2,869	3.3	28,643
Endocrine/Metabolic Drugs	0.9	0.4	0.2	0.3	27	20	3	4	30	45	16	15	329,460	9,936,126	33,668	38.9	361,659
Cardiovascular Agents	1.8	0.5	0.4	0.8	54	27	16	12	30	49	36	14	1,044,654	31,057,962	54,275	62.7	573,168
Respiratory Agents	0.8	0.4	0.0	0.4	27	19	1	7	32	51	34	16	382,090	12,364,024	41,943	48.4	453,038
Gastrointestinal Agents	0.8	0.3	0.1	0.4	50	35	6	9	62	101	83	24	339,757	21,207,532	39,311	45.4	422,410
Genitourinary Agents	0.4	0.2	0.0	0.2	16	11	0	5	40	53	35	26	56,477	2,236,886	12,473	14.4	135,697
CNS Drugs	1.3	0.5	0.2	0.6	67	44	13	10	51	90	81	15	552,374	28,416,940	40,362	46.6	425,536
Stimulants/Anti-obesity/Anorexia	0.6	0.1	0.1	0.3	22	8	5	9	38	90	37	25	1,056	40,309	172	0.2	1,802
Miscellaneous Psychological/Neurological Agents	0.7	0.6	0.0	0.1	72	70	0	2	110	119	85	30	16,497	1,813,486	2,475	2.9	25,140
Analgesics and Anesthetics	0.7	0.2	0.1	0.4	25	15	4	6	37	82	65	14	284,022	10,442,368	38,952	45.0	424,033
Neuromuscular Agents	0.9	0.2	0.2	0.5	41	21	8	12	45	89	40	25	203,225	9,063,161	20,365	23.5	219,249
Nutritional Products	0.7	0.0	0.3	0.4	16	1	7	8	22	38	27	19	149,574	3,352,879	20,240	23.4	209,932
Hematological Agents	0.7	0.1	0.3	0.4	35	17	9	9	47	174	33	25	122,068	5,755,045	15,697	18.1	163,500
Topical Products	0.5	0.2	0.1	0.2	13	7	3	3	28	44	36	14	143,307	4,027,396	28,767	33.2	311,625
Miscellaneous Products	0.4	0.1	0.1	0.2	37	20	12	5	104	253	212	23	11,675	1,215,290	3,137	3.6	32,647
Unknown Therapeutic Category	0.6	0.0	0.0	0.0	23	0	0	0	40	0	0	0	239,642	9,581,248	38,164	44.1	412,743
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.	4,112,200	162,930,517	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 06/25/2004.

- a. Table 15 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 1999. 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 (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 Kentucky, 5.6 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 16

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP^{a, b, c}
 DUAL ELIGIBLE BENEFICIARIES, KENTUCKY, 1999

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	Rx \$ per Bene Mo
ULCER DRUGS	\$18,107,911	38,596	44.6 %	424,371	0.5	\$78
ANTIDEPRESSANTS	12,244,874	36,027	41.6	392,158	0.7	48
ANTIPSYCHOTICS	11,875,990	16,395	18.9	175,776	0.7	100
ANTIHYPERTENSIVE	8,197,846	30,474	35.2	330,322	0.7	36
ANTIASTHMATIC	7,882,941	37,934	43.8	411,898	0.5	37
ANTIDIABETIC	7,785,290	23,306	26.9	252,380	0.7	43
CALCIUM BLOCKERS	7,124,881	18,988	21.9	206,292	0.7	47
ANALGESICS - ANTI-INFLAMMATORY	6,522,382	33,239	38.4	376,462	0.4	47
ANTICONVULSANT	6,456,429	14,541	16.8	157,807	0.8	48
ANTHYPERLIPIDEMIC	6,350,338	11,619	13.4	130,468	0.7	72

Source: Data for this table are from the MAX 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 16 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 1999. 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 1999. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE 16A
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BOE, AND AGE^{a, b, c}
 DUAL ELIGIBLE BENEFICIARIES, KENTUCKY, 1999

Beneficiary Characteristics	All Top 10 Drug Groups				ULCER DRUGS				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 \$
All	1,743,710	\$92,548,882	38,596	44.6 %	424,371	0.5	\$43	36,027	41.6 %	392,158	0.7	\$31
Female	1,187,860	62,173,518	26,301	47.5	290,255	0.6	43	25,447	45.9	277,982	0.7	32
Disabled	567,763	32,128,239	12,467	53.5	142,846	0.5	42	13,347	57.2	151,183	0.6	31
5 and younger	32	690	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	47	3,687	3	50.0	36	0.5	72	0	0.0	0	0.0	0
15-20	629	38,350	14	18.2	167	0.3	22	33	42.9	394	0.4	28
21-44	81,188	5,442,101	1,994	38.6	22,722	0.4	36	3,480	67.4	38,997	0.5	33
45-64	229,643	13,364,815	4,927	56.7	56,103	0.5	43	5,785	66.6	65,214	0.6	34
65-74	188,987	9,960,896	3,885	59.7	45,004	0.5	42	3,056	47.0	35,274	0.6	27
75-84	58,440	2,892,563	1,376	57.5	15,796	0.5	41	854	35.7	9,754	0.6	25
85 and older	8,797	425,137	268	54.9	3,018	0.6	46	139	28.5	1,550	0.6	21
Other Eligibles	620,097	30,045,279	13,834	43.1	147,409	0.6	45	12,100	37.7	126,799	0.8	33
5 and younger	6	618	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	1	41	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	22	2,664	0	0.0	0	0.0	0	2	100.0	21	0.2	13
21-44	1,309	74,958	41	18.8	378	0.4	31	112	51.4	983	0.4	27
45-64	850	44,374	21	41.2	169	0.6	43	28	54.9	262	0.5	31
65-74	137,059	7,090,559	2,807	42.1	30,610	0.5	43	2,529	37.9	26,893	0.7	31
75-84	274,522	13,359,435	5,701	45.1	61,405	0.6	45	5,158	40.8	54,707	0.8	33
85 and older	206,328	9,472,630	5,264	42.2	54,847	0.7	46	4,271	34.2	43,933	0.8	35
Male	555,850	30,375,364	12,295	39.4	134,116	0.5	42	10,580	33.9	114,176	0.6	30
Disabled	364,779	21,196,844	7,878	39.9	89,053	0.5	40	7,225	36.6	80,441	0.5	28
5 and younger	60	1,843	2	40.0	24	0.8	24	3	60.0	36	0.2	6
6-14	56	2,913	2	66.7	24	0.4	16	0	0.0	0	0.0	0
15-20	926	66,202	27	25.0	306	0.5	32	23	21.3	256	0.4	29
21-44	102,040	7,041,326	2,371	30.8	26,941	0.4	36	3,060	39.8	34,428	0.5	29
45-64	152,638	8,728,881	3,112	43.3	34,664	0.5	43	2,761	38.4	30,143	0.6	29
65-74	88,402	4,364,813	1,855	49.9	21,311	0.5	41	1,119	30.1	12,661	0.6	24
75-84	17,713	854,833	424	48.5	4,851	0.5	43	215	24.6	2,437	0.6	23
85 and older	2,944	136,033	85	49.1	932	0.5	44	44	25.4	480	0.6	24
Other Eligibles	191,071	9,178,520	4,417	38.5	45,063	0.6	44	3,355	29.3	33,735	0.8	33
5 and younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	28	537	0	0.0	0	0.0	0	1	33.3	12	0.5	25
15-20	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
21-44	1,665	100,027	57	33.7	519	0.5	44	84	49.7	802	0.4	27
45-64	1,289	74,340	32	23.0	230	0.5	33	47	33.8	392	0.6	37
65-74	65,224	3,232,330	1,335	35.5	14,065	0.6	45	994	26.4	10,214	0.7	33
75-84	78,253	3,727,250	1,761	40.3	18,072	0.6	44	1,376	31.5	13,832	0.8	34
85 and older	44,612	2,044,036	1,232	40.8	12,177	0.6	45	853	28.2	8,483	0.8	34
Unknown	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 16A 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 1999. 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 1999. For information about these drug groups, see Wolters Kluwer Health, 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 16B
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS
 SEPARATELY, BY SEX, BOE, AND AGE^{a, b, c}
 DUAL ELIGIBLE BENEFICIARIES, KENTUCKY, 1999

Beneficiary Characteristics	ANTIPSYCHOTICS					ANTIHYPERTENSIVE					ANTIASTHMATIC				
	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 \$
All	16,395	18.9 %	175,776	0.7	\$68	30,474	35.2 %	330,322	0.7	\$25	37,934	43.8 %	411,898	0.5	\$19
Female	10,149	18.3	109,170	0.7	61	20,664	37.3	225,140	0.7	25	24,235	43.8	264,777	0.5	18
Disabled	4,118	17.7	46,435	0.7	72	8,317	35.7	94,540	0.7	25	13,218	56.7	149,766	0.5	20
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	1.0	39	0	0.0	0	0.0	0
15-20	10	13.0	120	0.5	51	9	11.7	107	0.5	25	12	15.6	144	0.3	8
21-44	1,176	22.8	13,281	0.6	78	650	12.6	7,256	0.6	21	1,891	36.6	21,277	0.4	15
45-64	1,648	19.0	18,567	0.7	80	2,974	34.2	33,470	0.7	24	5,568	64.1	62,766	0.5	20
65-74	867	13.3	9,858	0.7	65	3,317	51.0	37,975	0.7	26	4,347	66.8	49,758	0.6	21
75-84	323	13.5	3,573	0.6	45	1,193	49.9	13,778	0.7	25	1,251	52.3	14,148	0.5	18
85 and older	94	19.3	1,036	0.5	35	173	35.5	1,942	0.7	24	149	30.5	1,673	0.4	14
Other Eligibles	6,031	18.8	62,735	0.7	53	12,347	38.5	130,600	0.7	25	11,017	34.4	115,011	0.5	17
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	0	0.0	0	0.0	0
15-20	4	200.0	42	0.4	57	0	0.0	0	0.0	0	0	0.0	0	0.0	0
21-44	24	11.0	221	0.3	29	11	5.0	105	0.4	15	61	28.0	570	0.4	15
45-64	8	15.7	80	0.8	43	15	29.4	126	0.7	32	29	56.9	222	0.7	26
65-74	1,072	16.1	11,442	0.7	67	2,612	39.2	27,989	0.7	25	2,684	40.3	28,791	0.5	20
75-84	2,518	19.9	26,477	0.7	55	5,514	43.6	59,238	0.7	25	4,616	36.5	49,078	0.5	18
85 and older	2,405	19.3	24,473	0.6	44	4,195	33.6	43,142	0.7	24	3,627	29.1	36,350	0.4	14
Male	6,246	20.0	66,606	0.7	78	9,810	31.4	105,182	0.7	25	13,699	43.9	147,121	0.6	20
Disabled	3,929	19.9	43,906	0.7	92	5,731	29.0	63,860	0.7	25	8,524	43.1	95,194	0.5	20
5 and younger	0	0.0	0	0.0	0	1	20.0	12	1.0	30	3	60.0	36	0.4	10
6-14	0	0.0	0	0.0	0	2	66.7	24	0.8	33	2	66.7	24	0.1	3
15-20	28	25.9	312	0.5	77	16	14.8	168	0.4	10	15	13.9	169	0.3	5
21-44	1,850	24.0	20,895	0.7	104	1,101	14.3	12,330	0.6	22	1,738	22.6	19,671	0.4	15
45-64	1,451	20.2	16,116	0.8	91	2,465	34.3	26,895	0.7	25	3,430	47.8	37,531	0.6	22
65-74	421	11.3	4,643	0.7	56	1,722	46.4	19,725	0.7	27	2,670	71.9	30,343	0.6	22
75-84	151	17.3	1,654	0.7	50	359	41.1	4,024	0.7	27	578	66.1	6,428	0.5	19
85 and older	28	16.2	286	0.8	42	65	37.6	682	0.6	25	88	50.9	992	0.5	14
Other Eligibles	2,317	20.2	22,700	0.6	53	4,079	35.6	41,322	0.7	26	5,175	45.1	51,927	0.6	21
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	5	166.7	60	0.4	4	0	0.0	0	0.0	0
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	12	7.1	94	0.9	131	20	11.8	189	0.5	19	42	24.9	389	0.6	22
45-64	11	7.9	120	0.6	80	31	22.3	250	0.7	25	47	33.8	336	0.7	25
65-74	607	16.1	6,171	0.7	65	1,359	36.1	14,134	0.7	26	1,834	48.7	18,908	0.6	23
75-84	1,015	23.2	9,966	0.6	53	1,697	38.8	17,158	0.7	26	2,014	46.1	20,388	0.6	20
85 and older	672	22.2	6,349	0.5	38	967	32.0	9,531	0.7	25	1,238	41.0	11,906	0.5	18
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Dual Eligible Beneficiaries

Table 16B

Source: Data for this table are from the MAX 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 16B 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 1999. 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 1999. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE 16C
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS
 SEPARATELY, BY SEX, BOE, AND AGE^{a, b, c}
 DUAL ELIGIBLE BENEFICIARIES, KENTUCKY, 1999

Beneficiary Characteristics	ANTIDIABETIC					CALCIUM BLOCKERS					ANALGESICS - ANTI-INFLAMMATORY				
	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 \$
All	23,306	26.9 %	252,380	0.7	\$31	18,988	21.9 %	206,292	0.7	\$35	33,239	38.4 %	376,462	0.4	\$17
Female	16,626	30.0	180,791	0.7	31	13,696	24.7	149,239	0.7	35	23,155	41.8	263,016	0.4	19
Disabled	7,583	32.5	86,150	0.7	35	5,463	23.4	62,082	0.7	36	12,764	54.7	147,968	0.4	17
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	33.3	24	0.6	26	1	16.7	12	0.1	1
15-20	3	3.9	36	0.8	40	9	11.7	107	0.5	30	29	37.7	331	0.2	5
21-44	605	11.7	6,769	0.7	34	373	7.2	4,154	0.6	32	2,356	45.7	26,936	0.3	10
45-64	3,006	34.6	33,860	0.7	36	1,972	22.7	22,147	0.7	35	4,937	56.8	56,908	0.4	19
65-74	2,928	45.0	33,677	0.7	36	2,142	32.9	24,607	0.8	37	4,012	61.7	47,072	0.4	20
75-84	935	39.1	10,627	0.7	30	809	33.8	9,275	0.7	36	1,244	52.0	14,576	0.4	19
85 and older	106	21.7	1,181	0.7	20	156	32.0	1,768	0.8	34	185	37.9	2,133	0.4	18
Other Eligibles	9,043	28.2	94,641	0.7	27	8,233	25.7	87,157	0.8	34	10,391	32.4	115,048	0.4	20
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	100.0	3	0.3	14	0	0.0	0	0.0	0
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	11	5.0	65	0.6	31	8	3.7	57	0.7	33	76	34.9	706	0.3	9
45-64	13	25.5	94	0.9	36	9	17.6	64	0.7	29	19	37.3	178	0.3	16
65-74	2,324	34.9	24,388	0.7	30	1,743	26.1	18,636	0.7	34	2,413	36.2	26,807	0.4	19
75-84	4,167	33.0	44,325	0.7	28	3,533	27.9	38,025	0.8	35	4,608	36.4	51,706	0.4	21
85 and older	2,528	20.3	25,769	0.7	23	2,939	23.6	30,372	0.8	33	3,275	26.2	35,651	0.4	20
Male	6,680	21.4	71,589	0.7	31	5,292	16.9	57,053	0.7	35	10,084	32.3	113,446	0.3	14
Disabled	4,058	20.5	45,171	0.7	34	3,173	16.1	35,442	0.7	36	7,479	37.9	85,733	0.3	13
5 and younger	0	0.0	0	0.0	0	1	20.0	12	0.8	26	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	3	100.0	36	0.6	46	1	33.3	12	0.1	1
15-20	3	2.8	35	0.7	22	9	8.3	93	0.6	46	25	23.1	292	0.3	5
21-44	716	9.3	8,037	0.7	34	553	7.2	6,150	0.7	37	2,639	34.3	30,311	0.2	9
45-64	1,967	27.4	21,528	0.7	34	1,371	19.1	14,954	0.7	37	2,840	39.5	32,105	0.4	15
65-74	1,133	30.5	12,895	0.7	34	997	26.8	11,447	0.8	37	1,586	42.7	18,514	0.4	17
75-84	201	23.0	2,263	0.7	27	201	23.0	2,306	0.7	33	329	37.6	3,827	0.4	17
85 and older	38	22.0	413	0.7	27	38	22.0	444	0.7	32	59	34.1	672	0.4	13
Other Eligibles	2,622	22.9	26,418	0.7	26	2,119	18.5	21,611	0.7	32	2,605	22.7	27,713	0.4	17
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	33.3	12	0.1	1	0	0.0	0	0.0	0
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	15	8.9	119	0.7	35	12	7.1	98	0.8	28	72	42.6	690	0.3	12
45-64	23	16.5	164	0.7	27	18	12.9	114	0.7	37	31	22.3	222	0.4	17
65-74	957	25.4	9,821	0.7	28	710	18.9	7,337	0.7	34	850	22.6	9,218	0.4	16
75-84	1,103	25.2	11,127	0.7	26	887	20.3	9,038	0.7	32	992	22.7	10,744	0.4	17
85 and older	524	17.3	5,187	0.7	22	491	16.2	5,012	0.7	31	660	21.8	6,839	0.4	20
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table 16C

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 16C 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 1999. 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 1999. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE 16D
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS
 SEPARATELY, BY SEX, BOE, AND AGE^{a, b, c}
 DUAL ELIGIBLE BENEFICIARIES, KENTUCKY, 1999

Beneficiary Characteristics	ANTICONVULSANT				ANTHYPERLIPIDEMIC							
	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 Bene Mos	
All	14,541	16.8 %	157,807	0.8	\$41	11,619	13.4 %	130,468	0.7	\$49	86,606	868,563
Female	8,627	15.6	93,704	0.8	39	7,995	14.4	90,322	0.7	49	55,380	561,451
Disabled	4,992	21.4	56,140	0.8	43	4,663	20.0	53,602	0.7	50	23,316	249,445
5 and younger	1	100.0	12	2.7	58	0	0.0	0	0.0	0	1	12
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	6	62
15-20	19	24.7	215	0.6	34	1	1.3	12	0.1	4	77	788
21-44	1,763	34.2	19,819	0.8	54	321	6.2	3,605	0.5	38	5,160	54,025
45-64	2,029	23.4	22,754	0.8	42	2,078	23.9	23,659	0.7	50	6,686	90,706
65-74	872	13.4	9,924	0.7	29	1,829	28.1	21,303	0.7	53	6,506	72,176
75-84	268	11.2	2,990	0.7	26	407	17.0	4,708	0.7	52	2,392	26,480
85 and older	40	8.2	426	0.8	27	27	5.5	315	0.6	35	488	5,196
Other Eligibles	3,635	11.3	37,564	0.9	32	3,332	10.4	36,720	0.7	48	32,064	312,006
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	7
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	3
15-20	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	21
21-44	37	17.0	313	0.5	27	5	2.3	40	0.4	39	218	1,369
45-64	13	25.5	112	0.5	44	8	15.7	62	0.7	46	51	343
65-74	922	13.8	9,760	0.9	37	1,273	19.1	14,067	0.7	50	6,668	65,510
75-84	1,545	12.2	16,147	1.0	32	1,588	12.6	17,639	0.7	48	12,643	126,711
85 and older	1,118	9.0	11,232	0.9	27	458	3.7	4,912	0.6	41	12,479	118,042
Male	5,914	18.9	64,103	0.9	44	3,624	11.6	40,146	0.7	48	31,226	307,112
Disabled	4,447	22.5	49,595	0.8	48	2,726	13.8	30,761	0.7	49	19,756	204,346
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	5	48
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	3	36
15-20	30	27.8	334	0.7	48	1	0.9	12	0.2	2	108	1,168
21-44	2,262	29.4	25,470	0.8	53	494	6.4	5,538	0.6	40	7,697	80,359
45-64	1,596	22.2	17,573	0.9	47	1,430	19.9	15,960	0.7	50	7,182	70,996
65-74	440	11.8	4,925	0.7	29	706	19.0	8,186	0.7	53	3,714	40,423
75-84	103	11.8	1,139	0.8	28	90	10.3	1,006	0.7	49	874	9,557
85 and older	16	9.2	154	0.7	22	5	2.9	59	0.9	51	173	1,759
Other Eligibles	1,467	12.8	14,508	0.9	32	898	7.8	9,385	0.7	44	11,470	102,766
5 and younger	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	3	25
15-20	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
21-44	39	23.1	346	0.4	25	18	10.7	177	0.6	42	169	1,001
45-64	11	7.9	91	0.4	38	28	20.1	208	0.8	59	139	655
65-74	552	14.7	5,581	1.0	35	443	11.8	4,709	0.7	45	3,763	34,175
75-84	577	13.2	5,779	0.9	32	328	7.5	3,457	0.7	45	4,373	40,311
85 and older	288	9.5	2,711	0.9	29	81	2.7	834	0.6	36	3,023	26,599
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0

Source: Data for this table are from the MAX 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 16D 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 1999. 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 1999. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE 17
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BENEFICIARY CHARACTERISTIC^{a, b}
 DUAL ELIGIBLE BENEFICIARIES, KENTUCKY, 1999

Beneficiary Characteristics	Rx \$ per Bene Mo	No. of Rx per Bene Mo	No. of All-Year NF Residents	Bene Mos among All-Year NF Residents
All	\$256	7.7	15,085	149,462
Age				
0-64	344	9.2	857	9,231
65-74	308	8.6	1,979	19,947
75-84	274	8.0	5,226	52,191
85 and older	216	6.9	7,023	68,093
Unknown	0	0.0	0	0
Gender				
Female	249	7.6	11,418	114,358
Male	280	7.8	3,667	35,104
Unknown	0	0.0	0	0
Race				
White	260	7.8	13,848	136,842
African American	208	6.3	1,122	11,459
Other/unknown	253	7.9	115	1,161
Basis of Eligibility				
Aged	248	7.5	13,460	131,928
Disabled	317	8.7	1,625	17,534
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 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 17 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their 1999 Medicaid enrollment. A total of 8,272 beneficiaries who were in nursing facilities for part of their enrollment and their 68,393 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.

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 18
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d, e}
 DUAL ELIGIBLE BENEFICIARIES, KENTUCKY, 1999

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	\$18	\$1	\$3	\$51	\$18	\$71	\$71	48,373	\$2,445,729	10,901	72.3 %	113,435
Biologics	0.1	0.0	0.0	0.1	2	0	2	20	13	0	23	1,087	21,637	1,021	6.8	11,409
Antineoplastic Agents	0.7	0.1	0.4	0.2	56	13	35	84	155	91	40	7,198	602,258	1,074	7.1	10,790
Endocrine/Metabolic Drugs	1.0	0.5	0.2	0.4	28	19	3	27	42	16	14	66,968	1,785,853	6,296	41.7	64,473
Cardiovascular Agents	2.1	0.4	0.5	1.1	49	18	15	23	40	30	14	231,250	5,398,926	11,079	73.4	111,270
Respiratory Agents	0.8	0.3	0.0	0.5	21	12	1	27	43	28	18	78,770	2,094,182	9,427	62.5	98,410
Gastrointestinal Agents	1.2	0.4	0.1	0.7	58	37	6	49	87	69	23	105,707	5,134,324	8,645	57.3	88,728
Genitourinary Agents	0.6	0.2	0.0	0.3	23	12	0	39	54	31	30	22,104	867,980	3,550	23.5	37,576
CNS Drugs	2.0	0.8	0.2	1.0	81	55	12	40	68	61	13	206,391	8,169,219	9,910	65.7	101,452
Stimulants/Anti-obesity/Anorexia	1.0	0.0	0.3	0.7	23	0	10	22	116	31	17	401	8,688	39	0.3	385
Miscellaneous Psychological/Neurological Agents	0.8	0.7	0.0	0.0	84	83	0	111	115	0	33	7,374	820,692	966	6.4	9,735
Analgesics and Anesthetics	0.9	0.2	0.1	0.6	26	14	4	28	61	48	13	67,528	1,888,710	6,970	46.2	71,896
Neuromuscular Agents	1.4	0.3	0.4	0.8	51	18	14	36	71	39	24	65,865	2,366,190	4,417	29.3	46,151
Nutritional Products	0.9	0.0	0.3	0.7	20	0	7	22	32	24	20	57,419	1,243,281	6,008	39.8	61,049
Hematological Agents	1.0	0.1	0.3	0.6	31	12	8	31	126	24	19	45,145	1,417,117	4,502	29.8	46,008
Topical Products	0.6	0.3	0.1	0.3	19	10	5	29	41	37	14	64,310	1,874,562	9,417	62.4	99,491
Miscellaneous Products	0.3	0.0	0.0	0.2	6	1	1	21	34	107	17	4,378	92,936	1,581	10.5	16,862
Unknown Therapeutic Category	0.7	0.0	0.0	0.0	22	0	0	32	0	0	0	65,597	2,079,159	8,996	59.6	93,847
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.	1,145,865	38,311,443	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table 18 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 1999. A total of 8,272 beneficiaries who were in nursing facilities for part of their enrollment and their 68,393 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 1999. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

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

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

In Kentucky, 5.6 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.

APPENDIX TABLE A.3
 CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY^{a, b}
 DUAL ELIGIBLE BENEFICIARIES, KENTUCKY, 1999

Beneficiary Characteristics	No. of Benes					No. of Bene Mos					
	All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children	Unknown
All	108,796	50,071	58,108	597	20	1,141,657	499,669	638,207	3,685	96	0
Age											
5 and younger	9	2	7	0	0	85	7	78	0	0	0
6-14	19	0	15	0	4	200	0	172	0	28	0
15-20	253	1	249	2	1	2,791	10	2,746	24	11	0
21-44	18,423	12	17,985	418	8	200,188	116	197,257	2,771	44	0
45-64	21,161	42	20,952	161	6	225,200	382	223,983	825	10	0
65-74	26,897	12,975	13,906	16	0	288,768	130,997	157,706	65	0	0
75-84	24,282	20,085	4,196	0	1	252,595	205,025	47,567	0	3	0
85 and older	17,752	16,954	798	0	0	171,830	163,132	8,698	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0
Gender											
Female	69,604	37,168	32,142	287	7	737,217	377,274	357,936	1,971	36	0
Male	39,192	12,903	25,966	310	13	404,440	122,395	280,271	1,714	60	0
Unknown	0	0	0	0	0	0	0	0	0	0	0
Race											
White	88,483	41,321	46,596	547	19	920,872	406,843	510,632	3,313	84	0
African American	9,119	4,094	4,981	43	1	98,405	42,414	55,671	308	12	0
Other/unknown	11,194	4,656	6,531	7	0	122,380	50,412	71,904	64	0	0
Use of Nursing Facilities											
All year	15,129	13,498	1,631	0	0	150,686	132,939	17,747	0	0	0
Part year	8,573	7,453	1,120	0	0	74,491	63,448	11,043	0	0	0
None	85,094	29,120	55,357	597	20	916,480	303,282	609,417	3,685	96	0
Maintenance Assistance Status											
Cash	74,800	23,755	50,848	194	3	832,964	260,640	570,623	1,675	26	0
Medically needy	4,494	2,810	1,428	247	9	25,543	18,265	6,184	1,061	33	0
Poverty related	1,693	678	895	116	4	15,960	6,737	8,547	666	10	0
Other/unknown	27,809	22,828	4,937	40	4	267,190	214,027	52,853	283	27	0
Dual Status^c											
Full dual, all year	105,544	48,300	56,650	575	19	1,108,230	480,999	623,697	3,450	84	0
Full dual, part year	3,252	1,771	1,458	22	1	33,427	18,670	14,510	235	12	0
Managed Care Status											
FFS all year	83,221	41,443	41,267	493	18	854,903	405,186	446,746	2,888	83	0
FFS part year, with Rx claims	1,664	761	894	9	0	18,083	8,383	9,640	60	0	0
FFS part year, no Rx claims	1,721	781	911	28	1	13,756	6,274	7,281	191	10	0
MC all year, with Rx claims	2,761	180	2,570	11	0	32,201	1,912	30,179	110	0	0
MC all year, no Rx claims	19,429	6,906	12,466	56	1	222,714	77,914	144,361	436	3	0

Source: Data for this table are from the MAX 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 06/25/2004.

a. Table A.3 includes the beneficiaries represented by Cell F of Table 1. Benefit months are months during which beneficiaries had pharmacy benefit.

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. The "Full dual, all year" group contains beneficiaries who had Medicare as well as Medicaid pharmacy benefits during all months of Medicaid enrollment in 1999. 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
 DUAL ELIGIBLE BENEFICIARIES, KENTUCKY, 1999

Beneficiary Characteristics	Bene Mos in Cell F of Table 1		Included in Cell G of Table 1		Excluded from Cell G of Table 1	
	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos
All	108,796	1,141,657	86,606	868,563	22,190	273,094
FFS all year	83,221	854,903	83,221	854,903	0	0
FFS part year, with Rx claims	1,664	18,083	1,664	9,135	0	8,948
FFS part year, with no Rx claims	1,721	13,756	1,721	4,525	0	9,231
MC all year, with Rx claims	2,761	32,201	0	0	2,761	32,201
MC all year, with no Rx claims	19,429	222,714	0	0	19,429	222,714

Source: Data for this table are from the MAX 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 06/25/2004.

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.

SUPPLEMENTAL TABLE 1
 MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES^{a, b}
 KENTUCKY, 1999

Total Number of Dual Eligible Beneficiaries 86,606
 Total Pharmacy Reimbursement for Dual Eligible Beneficiaries \$162,930,517
 Mean Pharmacy Reimbursement per Dual Eligible Beneficiary \$1,881

Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	Percent of Dual Beneficiaries	Pharmacy Reimbursement	Percent of Total Pharmacy Reimbursement
\$0	10,484	12.1 %	\$0	0.0 %
1-500	17,528	20.2	3,804,737	2.3
501-1,000	11,471	13.2	8,480,483	5.2
1,001-1,500	9,312	10.8	11,561,078	7.1
1,501-2,000	7,547	8.7	13,150,007	8.1
2,001-2,500	6,196	7.2	13,884,889	8.5
2,501-3,000	5,119	5.9	14,023,147	8.6
3,001-3,500	4,088	4.7	13,254,325	8.1
3,501-4,000	3,194	3.7	11,934,356	7.3
4,001-4,500	2,498	2.9	10,589,195	6.5
4,501-5,000	2,030	2.3	9,629,443	5.9
5,001-5,500	1,546	1.8	8,098,593	5.0
5,501-6,000	1,229	1.4	7,054,855	4.3
6,001-6,500	950	1.1	5,925,759	3.6
6,501-7,000	706	0.8	4,764,384	2.9
7,001-7,500	538	0.6	3,893,943	2.4
7,501-8,000	414	0.5	3,205,288	2.0
8,001-8,500	333	0.4	2,748,888	1.7
8,501-9,000	274	0.3	2,394,009	1.5
9,001-9,500	173	0.2	1,597,700	1.0
9,501-10,000	173	0.2	1,681,839	1.0
10,001+	803	0.9	11,253,599	6.9

Source: Data for this table are from the MAX 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 10/26/2004.

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 1999.

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

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SUPPLEMENTAL TABLE 1D
 MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 85 AND OLDER^{a, b}
 KENTUCKY, 1999

Total Number of Dual Eligible Beneficiaries, Age 85+ 16,163
 Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 85+ \$26,790,495
 Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 85+ \$1,658

Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	Percent of Dual Beneficiaries, Age 85+ 7.7 %	Pharmacy Reimbursement	Percent of Total Pharmacy Reimbursement
\$0	1,252		0	0.0 %
1-500	3,426	21.2	830,875	3.1
501-1,000	2,606	16.1	1,922,859	7.2
1,001-1,500	2,083	12.9	2,582,204	9.6
1,501-2,000	1,668	10.3	2,906,258	10.8
2,001-2,500	1,291	8.0	2,889,647	10.8
2,501-3,000	1,045	6.5	2,864,287	10.7
3,001-3,500	765	4.7	2,478,370	9.3
3,501-4,000	570	3.5	2,123,547	7.9
4,001-4,500	377	2.3	1,599,188	6.0
4,501-5,000	319	2.0	1,510,307	5.6
5,001-5,500	225	1.4	1,179,002	4.4
5,501-6,000	151	0.9	867,937	3.2
6,001-6,500	106	0.7	660,709	2.5
6,501-7,000	74	0.5	497,703	1.9
7,001-7,500	57	0.4	412,591	1.5
7,501-8,000	43	0.3	332,035	1.2
8,001-8,500	20	0.1	164,933	0.6
8,501-9,000	14	0.1	122,359	0.5
9,001-9,500	12	0.1	110,749	0.4
9,501-10,000	13	0.1	125,888	0.5
10,001+	46	0.3	609,047	2.3

Source: Data for this table are from the MAX 1999 file for Kentucky, released by CMS in 10/2003. This table was produced on 10/26/2004.

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 1999.

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