

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

LIST OF TABLES

OVERVIEW OF STUDY POPULATION

TABLE 1. OVERVIEW OF BENEFICIARY SELECTION CRITERIA FOR STUDY POPULATION

FOR ALL MEDICAID BENEFICIARIES

TABLE 2. CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY

TABLE 3. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC

TABLE 4. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC

TABLE 5. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC

TABLE 6. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY

TABLE 7-7D. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP

TABLE 8. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS, BY BENEFICIARY CHARACTERISTIC

TABLE 9. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NF RESIDENTS, BY BRAND STATUS AND THERAPEUTIC CATEGORY

TABLE 10-10D. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NF RESIDENTS, BY TOP 10 DRUG GROUP

APPENDIX TABLE A.1. CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY

APPENDIX TABLE A.2. MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS

FOR DUAL ELIGIBLE BENEFICIARIES

TABLE 11. CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY

TABLE 12. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC

TABLE 13. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC

TABLE 14. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC

TABLE 15. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY

TABLE 16-16D. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP

TABLE 17. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS, BY BENEFICIARY CHARACTERISTIC

TABLE 18. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NF RESIDENTS, BY BRAND STATUS AND THERAPEUTIC CATEGORY

APPENDIX TABLE A.3. CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY

APPENDIX TABLE A.4. MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS

TABLE 1
OVERVIEW OF BENEFICIARY SELECTION CRITERIA FOR STUDY POPULATION
KENTUCKY, 1999

Inclusion Criteria (1999)	No. of Dual and Non-dual Eligible Benes (Cell)	No. of Dual Eligible Benes (Cell) ^g
1. Benes who were eligible for Medicaid during at least one month ^a	687,437 (A)	140,341 (E)
2. Benes who had Medicaid pharmacy benefits during at least one month ^b	655,163 (B)	108,796 (F)
3. Benes who had fee-for-service pharmacy benefit coverage during at least one month ^{c, d, e}	505,972 (C)	86,606 (G)
4. Benes who were all-year nursing facility residents ^f	16,097 (D)	15,085 (H)

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. MAX data element "Eligible Months Count" was used to determine an individual's Medicaid eligibility. All individuals who had a value greater than zero were considered as beneficiaries and counted in Cell A.
 - b. Counts in Cell B were obtained by excluding from Cell A beneficiaries who never had pharmacy benefit coverage during their Medicaid enrollment in 1999 (based on MAX data element "Eligible Restricted Benefits Flag"). Characteristics of beneficiaries represented by Cell B are shown in Appendix Table A.1.
 - c. Cell C represents the study population for Tables 2 through 7D. Cell C was obtained by excluding from Cell B beneficiaries who were under MC plans during all months of Medicaid eligibility in 1999, because the MAX files would not include separate prescription drug claims for those beneficiaries. MC plans include HMOs, PHPs, or other MC organizations that provided pharmacy benefits under capitation arrangements. Beneficiaries included are those who were in fee-for-service, PCCM, or PHP plans in selected states. Beneficiaries in PHPs were included if they were in one of 18 states where no PHP in the state provided a pharmacy benefit (see footnote e). For all other states, beneficiaries in PHPs were excluded. For example, if a beneficiary was under fee-for-service, PCCM, or PHPs in one of the 18 states for three months of the year but enrolled in an MC plan for the remaining nine months, only the three months were counted toward the number of benefit months associated with the beneficiary. Therefore, benefit months included represent the benefit months with fee-for-service pharmacy benefits. Beneficiaries and their benefit months included and excluded based on this criterion are shown in Appendix Table A.2.
 - d. The total Medicaid pharmacy reimbursement for Kentucky in 1999 was \$370,780,161, of which \$21,826,651 was excluded from our analysis because those claims were made for beneficiaries who were outside the study population or took place during months that were excluded from the analysis.
 - e. The 18 states where no PHP provided a pharmacy benefit in 1999 were AL, AR, CO, FL, GA, IA, IL, KY, MA, MI, MT, NE, NY, NC, OR, PA, UT, and WI. This list was constructed based on consultation with CMS staff and two CMS documents, which can be found at <http://www.cms.hhs.gov/medicaid/managedcare/mmcms699.asp> and at <http://www.cms.hhs.gov/medicaid/managedcare/mmcms99.asp>.
 - f. Cell D represents the study population for Tables 8 through 10D. All-year nursing facility residents are the beneficiaries who resided in nursing facilities throughout their enrollment in 1999. These beneficiaries were identified by comparing the number of months during which the MAX files contained at least one claim from nursing facilities to the number of Medicaid eligible months. If the former is greater than or equal to the latter, the beneficiary was considered an all-year resident. If the former is less than the latter but not equal to zero, the beneficiary was considered a part-year resident. Part-year residents were excluded from the analysis because they are likely to be short-term residents and the level and pattern of their pharmacy benefit use may differ substantially from longer-term residents. The number of part-year residents and their benefit months are presented in footnotes to Tables 8 through 10D. Residents of mental hospitals for the aged, inpatient psychiatric facilities for individuals under age 21, or intermediate care facilities for the mentally retarded were excluded from the analysis.
 - g. Pharmacy benefit use and reimbursement among full dual eligible beneficiaries are presented in Tables 11 through 18. To determine Medicaid-Medicare dual eligibility status, two MAX data elements ("Eligible Medicare Crossover Code -- Annual New Values" and "Eligible Restricted Benefits Flag") were used in combination. Beneficiaries represented in Cell G, the dual study population, include all dual eligible beneficiaries who had a fee-for-service pharmacy benefit at least during one month in 1999. All benefit months of such dual eligible beneficiaries, of which 2.1 percent were restricted benefit months without a pharmacy benefit in Kentucky, were used in the dual tables. Characteristics of dual eligible beneficiaries represented by Cell F are shown in Appendix Table A.3, and characteristics of beneficiaries and their benefit months included in Cell F but excluded from Cell G are shown in Appendix Table A.4.
- Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; HMO = health maintenance organization; MAX = Medicaid Analytic Extract; MC = managed care; PCCM = primary care case management; PHP = prepaid health plan.

TABLE 2
 CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a,b}
 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	505,972	45,174	136,788	82,122	241,888	0	4,308,391	424,702	1,424,849	529,255	1,929,585	0
Age												
5 and younger	101,789	3	3,053	29	98,704	0	790,270	8	29,136	149	760,977	0
6-14	118,179	0	11,021	44	107,114	0	1,003,845	0	114,508	281	889,056	0
15-20	56,485	2	8,563	12,287	35,633	0	433,577	12	82,935	72,953	277,677	0
21-44	113,794	15	47,620	65,766	393	0	931,529	131	501,927	427,743	1,728	0
45-64	55,126	64	51,045	3,978	39	0	555,651	487	526,991	28,049	124	0
65-74	22,283	10,878	11,388	17	0	0	227,876	102,886	124,912	78	0	0
75-84	21,168	17,755	3,412	1	0	0	208,948	171,622	37,324	2	0	0
85 and older	17,145	16,457	686	0	2	0	156,689	149,556	7,116	0	17	0
Unknown	3	0	0	0	3	6	0	0	0	0	6	0
Gender												
Female	297,762	33,177	72,664	73,177	118,744	0	2,508,301	318,129	769,059	470,748	950,365	0
Male	208,201	11,997	64,117	8,945	123,142	0	1,800,005	106,573	655,712	58,507	979,213	0
Unknown	9	0	7	0	2	0	85	0	78	0	7	0
Race												
White	434,131	38,482	111,394	72,000	212,255	0	3,740,483	358,893	1,168,685	476,174	1,736,731	0
African American	45,498	3,198	6,807	9,136	26,357	0	318,298	29,977	65,015	49,353	173,953	0
Other/unknown	26,343	3,494	18,587	986	3,276	0	249,610	35,832	191,149	3,728	18,901	0
Use of Nursing Facilities												
All year	16,097	13,860	2,236	0	1	0	160,013	135,832	24,174	0	7	0
Part year	9,069	7,403	1,657	3	6	0	75,459	60,382	14,989	27	61	0
None	480,806	23,911	132,895	82,119	241,881	0	4,072,919	228,488	1,385,686	529,228	1,929,517	0
Maintenance Assistance Status												
Cash	228,053	17,543	127,016	27,729	55,765	0	2,246,552	183,084	1,346,324	209,999	507,145	0
Medically needy	48,424	3,041	3,092	18,596	23,695	0	348,643	18,992	12,561	118,660	198,430	0
Poverty-related	166,086	663	914	25,576	138,913	0	1,169,203	6,546	8,338	127,217	1,027,102	0
Other/unknown	63,409	23,907	5,766	10,221	23,515	0	543,993	216,080	57,626	73,379	196,908	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
Non-dual, all year	419,366	2,189	93,716	81,592	241,869	0	3,439,828	12,991	971,058	526,278	1,929,501	0
Managed Care Status												
FFS all year	454,638	43,566	130,604	70,339	210,129	0	4,164,259	417,982	1,401,112	501,763	1,843,402	0
FFS part year, with Rx claims	7,543	778	2,740	795	3,230	0	41,381	4,543	14,928	3,566	18,344	0
FFS part year, no Rx claims	43,791	830	3,444	10,988	28,529	0	102,751	2,177	8,809	23,926	67,839	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.

Table 2

All Medicaid Beneficiaries

a. Table 2 includes the beneficiaries represented by Cell C 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. 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. The "Non-dual, all year" group includes beneficiaries who were never dually eligible or dually eligible but never had Medicaid fee-for-service pharmacy benefits. 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 3
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC^{a, b}
 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 Beneficiaries
All	69.4 %	16.9	\$690	\$41	\$4,265	16.2 %	\$26	505,972
Age								
5 and younger	64.2	4.7	122	26	1,602	7.6	7	101,789
6-14	60.7	4.7	170	37	1,707	10.0	6	118,179
15-20	60.0	5.0	202	40	2,928	6.9	5	56,485
21-44	70.4	15.1	730	48	4,164	17.5	13	113,794
45-64	85.1	44.9	2,020	45	8,025	25.2	54	55,126
65-74	85.4	48.8	1,930	40	7,946	24.3	80	22,283
75-84	88.8	52.8	1,900	36	12,309	15.4	121	21,168
85 and older	89.0	49.7	1,596	32	15,980	10.0	159	17,145
Unknown	0.0	0.0	0	0	10	0.0	0	3
Basis of Eligibility								
Aged	86.5	49.1	1,726	35	13,121	13.2	131	45,174
Disabled	84.0	35.2	1,639	47	7,528	21.8	41	136,788
Adults	61.1	6.6	238	36	2,226	10.7	5	82,122
Children	60.7	4.1	113	28	1,458	7.7	6	241,888
Unknown	0.0	0.0	0	0	0	0.0	0	0
Gender								
Female	71.3	19.5	767	39	4,581	16.8	32	297,762
Male	66.7	13.3	578	44	3,813	15.2	19	208,201
Unknown	66.7	19.6	761	39	1,948	39.1	22	9
Race								
White	71.4	17.0	686	40	4,232	16.2	27	434,131
African American	46.5	8.6	330	38	3,666	9.0	17	45,498
Other/unknown	75.8	30.4	1,375	45	5,844	23.5	32	26,343
Use of Nursing Facilities								
Entire year	97.7	77.2	2,591	34	29,429	8.8	305	16,097
Part year	92.3	50.0	1,805	36	16,732	10.8	146	9,069
None	68.0	14.3	605	42	3,187	19.0	15	480,806
Maintenance Assistance Status								
Cash	78.1	24.7	1,085	44	4,709	23.0	26	228,053
Medically needy	60.9	8.0	305	38	2,605	11.7	13	48,424
Poverty related	57.9	3.7	97	27	1,362	7.1	4	166,086
Other/unknown	74.5	30.7	1,114	36	11,540	9.7	93	63,409

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 3

All Medicaid Beneficiaries

a. Table 3 includes beneficiaries represented by Cell C 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 4
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 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	2.0	\$81	16.2 %	30.6 %	41.4 %	7.8 %	10.9 %	7.1 %	2.3 %	\$501	505,972	4,308,391
Age												
5 and younger	0.6	16	7.6	35.8	56.5	5.8	1.9	0.1	0.0	206	101,789	790,270
6-14	0.5	20	10.0	39.3	52.6	4.8	2.8	0.4	0.1	201	118,179	1,003,845
15-20	0.7	26	6.9	40.0	50.0	6.0	3.3	0.5	0.1	381	56,485	433,577
21-44	1.8	89	17.5	29.6	39.4	11.1	13.5	5.3	1.1	509	113,794	931,529
45-64	4.5	200	25.2	14.9	17.0	10.8	27.7	22.5	7.0	796	55,126	555,651
65-74	4.8	189	24.3	14.6	13.8	9.9	27.6	25.5	8.7	777	22,283	227,876
75-84	5.4	193	15.4	11.2	10.9	9.2	29.3	28.6	10.8	1,247	21,168	208,948
85 and older	5.4	175	10.0	11.0	9.9	10.0	29.9	28.2	10.9	1,749	17,145	156,689
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	5	3	6
Basis of Eligibility												
Aged	5.2	184	13.2	13.5	11.4	9.6	28.3	26.6	10.6	1,396	45,174	424,702
Disabled	3.4	157	21.8	16.0	27.4	12.1	23.7	16.2	4.7	723	136,788	1,424,849
Adults	1.0	37	10.7	38.9	44.0	8.6	6.7	1.6	0.2	345	82,122	529,255
Children	0.5	14	7.7	39.3	54.0	4.7	1.8	0.1	0.0	183	241,888	1,929,585
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Gender												
Female	2.3	91	16.8	28.7	39.8	8.0	12.1	8.5	2.8	544	297,762	2,508,301
Male	1.5	67	15.2	33.3	43.6	7.4	9.2	5.0	1.5	441	208,201	1,800,005
Unknown	2.1	81	39.1	33.3	11.1	11.1	44.4	0.0	0.0	206	9	85
Race												
White	2.0	80	16.2	28.6	43.3	8.0	10.8	7.0	2.3	491	434,131	3,740,483
African American	1.2	47	9.0	53.5	31.3	4.4	6.3	3.5	0.9	524	45,498	318,298
Other/unknown	3.2	145	23.5	24.2	26.3	10.8	21.0	14.2	3.6	617	26,343	249,610
Use of Nursing Facilities												
Entire year	7.8	261	8.8	2.3	5.5	6.2	25.2	36.5	24.3	2,961	16,097	160,013
Part year	6.0	217	10.8	7.7	9.2	9.7	29.5	30.5	13.5	2,011	9,069	75,459
None	1.7	71	19.0	32.0	43.2	7.8	10.1	5.6	1.3	376	480,806	4,072,919
Maintenance Assistance Status												
Cash	2.5	110	23.0	21.9	37.2	10.2	17.3	10.8	2.7	478	228,053	2,246,552
Medically needy	1.1	42	11.7	39.1	42.5	7.1	7.2	3.2	1.0	362	48,424	348,643
Poverty related	0.5	14	7.1	42.1	51.1	4.9	1.7	0.2	0.0	194	166,086	1,169,203
Other/unknown	3.6	130	9.7	25.5	30.1	7.2	14.7	15.0	7.6	1,345	63,409	543,993

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 4

All Medicaid Beneficiaries

- a. Table 4 includes the beneficiaries represented by Cell C 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 5
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC^{a, b, c}
 KENTUCKY, 1999

Beneficiary Characteristics	All Rx		Patented Brand-Name Drugs		Off-Patent Brand-Name Drugs		Generic Drugs	
	No. of Rx	Rx \$	No. of Rx	\$ per Rx	No. of Rx	Rx \$	No. of Rx	Rx \$
All	2.0	\$81	0.7	\$49	0.2	\$12	0.9	\$15
Age								
5 and younger	0.6	16	0.2	10	0.0	0	0.4	5
6-14	0.5	20	0.2	13	0.0	2	0.3	5
15-20	0.7	26	0.2	18	0.1	3	0.3	5
21-44	1.8	89	0.7	58	0.2	13	0.9	14
45-64	4.5	200	1.7	124	0.6	30	1.9	34
65-74	4.8	189	1.6	110	0.7	31	2.1	36
75-84	5.4	193	1.7	107	0.9	33	2.5	41
85 and older	5.4	175	1.5	89	0.9	32	2.7	43
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Basis of Eligibility								
Aged	5.2	184	1.6	101	0.9	62	2.5	41
Disabled	3.4	157	1.2	98	0.4	23	1.5	27
Adults	1.0	37	0.4	23	0.1	5	0.5	7
Children	0.5	14	0.2	9	0.0	1	0.3	4
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Gender								
Female	2.3	91	0.8	55	0.3	14	1.1	17
Male	1.5	67	0.5	41	0.2	9	0.7	13
Unknown	2.1	81	0.6	38	0.2	7	0.9	18
Race								
White	2.0	80	0.7	48	0.2	12	0.9	15
African American	1.2	47	0.4	28	0.2	7	0.6	9
Other/unknown	3.2	145	1.2	91	0.4	21	1.4	25
Use of Nursing Facilities								
Entire year	7.8	261	2.2	137	1.2	43	3.9	67
Part year	6.0	217	1.8	118	0.9	36	2.9	51
None	1.7	71	0.6	45	0.2	10	0.8	13
Maintenance Assistance								
Status								
Cash	2.5	110	0.9	68	0.3	16	1.1	19
Medically needy	1.1	42	0.4	26	0.1	5	0.6	9
Poverty related	0.5	14	0.2	9	0.0	1	0.3	4
Other/unknown	3.6	130	1.1	73	0.5	21	1.7	29
\$ per Rx								
		\$81		\$49		\$12		\$15
						\$48		\$16

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 5 includes the beneficiaries represented by Cell C 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 5

All Medicaid 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 6
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d}
 KENTUCKY, 1999

Therapeutic Category	No. of Rx per Bene Mo among Users				\$ per Bene Mo among Users				Total No. of Rx	Total Rx \$	No.	As % of All Benes	No. of Bene Mos				
	Patented		Off-Patent		Patented		Off-Patent										
	Total	Brand-Name	Generic	Total	Brand-Name	Generic	Total	Brand-Name						Generic			
Anti-infective Agents	0.3	0.2	0.0	0.2	\$12	\$10	\$0	\$2	\$36	\$63	\$54	\$12	935,000	\$33,658,041	272,834	53.9 %	2,827,943
Biologicals	0.1	0.1	0.0	0.0	92	78	3	11	665	860	1,603	247	3,786	2,518,241	2,540	0.5	27,302
Antineoplastic Agents	0.6	0.2	0.2	0.2	98	62	26	9	162	306	123	49	25,089	4,072,763	4,125	0.8	41,716
Endocrine/Metabolic Drugs	0.7	0.3	0.1	0.2	20	15	3	3	31	46	20	15	670,347	21,033,723	96,820	19.1	1,028,848
Cardiovascular Agents	1.5	0.5	0.3	0.7	48	25	13	10	31	51	38	14	1,624,651	50,574,475	98,408	19.4	1,049,451
Respiratory Agents	0.6	0.2	0.0	0.3	17	12	0	5	31	52	33	15	1,115,912	34,888,550	188,809	37.3	1,996,448
Gastrointestinal Agents	0.6	0.3	0.1	0.3	43	30	5	8	68	105	91	26	597,745	40,367,898	86,090	17.0	930,330
Genitourinary Agents	0.3	0.2	0.0	0.1	11	7	0	3	37	47	37	24	105,427	3,859,960	34,654	6.8	364,881
CNS Drugs	1.0	0.4	0.1	0.4	60	40	13	7	60	97	90	16	1,075,920	64,093,457	101,784	20.1	1,074,036
Stimulants/Anti-obesity/Anorexia	0.6	0.2	0.1	0.3	23	8	4	11	39	42	47	35	62,876	2,444,801	10,357	2.0	107,721
Miscellaneous Psychological/Neurological Agents	0.6	0.6	0.0	0.1	70	67	0	2	109	122	80	29	18,536	2,017,207	2,829	0.6	28,970
Analgesics and Anesthetics	0.4	0.1	0.0	0.3	15	9	2	4	34	87	64	13	687,754	23,166,329	148,922	29.4	1,589,851
Neuromuscular Agents	0.7	0.2	0.1	0.4	33	18	5	10	47	90	39	27	436,205	20,679,834	58,882	11.6	634,690
Nutritional Products	0.6	0.0	0.2	0.4	13	1	6	7	24	57	27	20	212,355	5,009,756	37,122	7.3	372,413
Hematological Agents	0.7	0.1	0.3	0.3	50	32	9	9	73	336	36	28	160,927	11,745,671	22,173	4.4	232,670
Topical Products	0.3	0.1	0.0	0.2	6	3	1	2	23	48	36	13	325,647	7,509,661	114,637	22.7	1,220,281
Miscellaneous Products	0.4	0.1	0.1	0.2	39	21	13	5	108	230	212	26	17,897	1,933,600	4,696	0.9	49,626
Unknown Therapeutic Category	0.4	0.0	0.0	0.0	16	0	0	0	40	0	0	0	489,621	19,379,543	112,205	22.2	1,207,799
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.	8,565,695	348,953,510	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 6 includes the beneficiaries represented by Cell C 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 category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- c. For information about these therapeutic categories, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (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 7
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP^{a, b, c}
 KENTUCKY, 1999

Top 10 Drug Groups	Users				Among Users		
	Total Medicaid Rx \$	No. As % of All Benes	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo	
ULCER DRUGS	\$35,011,442	89,694	17.7 %	987,367	0.4	\$79	\$35
ANTIDEPRESSANTS	30,554,788	103,924	20.5	1,127,483	0.5	54	27
ANTIPSYCHOTICS	25,004,266	34,347	6.8	372,985	0.6	111	67
ANTIASTHMATIC	20,893,165	136,272	26.9	1,474,477	0.4	37	14
ANTICONVULSANT	15,509,836	37,500	7.4	408,658	0.7	54	38
ANTIDIABETIC	14,372,080	40,927	8.1	447,160	0.7	45	32
ANALGESICS - ANTI-INFLAMMATORY	14,255,234	134,653	26.6	1,474,792	0.3	37	10
ANTIHYPERTENSIVE	13,580,101	54,082	10.7	589,320	0.6	36	23
ANTHYPERLIPIDEMIC	12,183,018	23,154	4.6	260,026	0.6	72	47
CALCIUM BLOCKERS	11,216,035	31,102	6.1	338,957	0.7	47	33

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 7 includes the beneficiaries represented by Cell C 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 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^{a,b,c}
 KENTUCKY, 1999

Beneficiary Characteristics	All Top 10 Drug Groups					ULCER DRUGS					ANTIDEPRESSANTS				
	No. of Rx	Rx \$	No. of Users	Users as % of All Benes	Mean No. of Rx	No. of Users	Users as % of All Benes	Mean No. of Rx	No. of Users	Users as % of All Benes	Mean No. of Rx	No. of Users	Users as % of All Benes	Mean No. of Rx	Rx \$
All	3,584,237	\$192,579,965	89,694	17.7 %	0.4	987,367	17.7 %	0.4	103,924	20.5 %	1,127,483	20.5 %	0.5	\$27	
Female	2,365,942	126,756,845	60,772	20.4	0.4	669,889	20.4	0.4	73,797	24.8	800,803	24.8	0.5	28	
Disabled	1,473,958	85,205,246	35,265	48.5	0.4	405,969	48.5	0.4	44,114	60.7	503,169	60.7	0.5	30	
5 and younger	4,262	176,940	84	7.0	0.3	934	7.0	0.3	20	1.7	230	1.7	0.3	17	
6-14	18,595	978,955	260	2.974	0.3	2,974	2.974	0.3	575	15.5	6,382	15.5	0.4	22	
15-20	18,498	1,170,350	463	15.0	0.2	5,310	15.0	0.2	932	30.1	10,544	30.1	0.4	24	
21-44	362,617	23,088,709	10,620	44.1	0.4	122,661	44.1	0.4	17,566	73.0	200,442	73.0	0.4	29	
45-64	792,627	45,448,524	17,876	58.9	0.5	205,229	58.9	0.5	20,657	68.1	235,284	68.1	0.6	31	
65-74	208,628	10,946,172	4,283	59.1	0.5	49,654	59.1	0.5	3,350	46.2	38,742	46.2	0.6	26	
75-84	59,812	2,965,636	1,408	56.7	0.5	16,153	56.7	0.5	872	35.1	9,970	35.1	0.6	25	
85 and older	8,919	429,960	271	53.5	0.6	3,054	53.5	0.6	142	28.0	1,575	28.0	0.6	21	
Other Eligibles	891,984	41,551,599	25,507	11.3	0.4	263,920	11.3	0.4	29,683	13.2	297,634	13.2	0.5	25	
5 and younger	32,746	633,454	671	1.4	0.2	6,445	1.4	0.2	100	0.2	1,055	0.2	0.2	7	
6-14	42,704	1,469,577	1,541	2.9	0.1	16,621	2.9	0.1	1,550	2.9	16,310	2.9	0.4	18	
15-20	31,993	1,278,905	1,901	6.4	0.2	19,360	6.4	0.2	2,657	8.9	26,374	8.9	0.3	16	
21-44	135,896	6,690,099	6,757	11.5	0.3	66,086	11.5	0.3	12,315	20.9	117,794	20.9	0.3	19	
45-64	20,270	1,068,133	637	25.0	0.4	6,240	25.0	0.4	926	36.4	8,744	36.4	0.4	26	
65-74	139,704	7,229,596	2,869	41.4	0.5	31,271	41.4	0.5	2,566	37.0	27,289	37.0	0.7	31	
75-84	279,214	13,586,908	5,787	44.3	0.6	62,300	44.3	0.6	5,239	40.1	55,528	40.1	0.8	33	
85 and older	209,457	9,594,927	5,344	40.7	0.7	55,597	40.7	0.7	4,330	33.0	44,540	33.0	0.8	35	
Male	1,218,192	65,818,700	28,919	13.9	0.4	317,442	13.9	0.4	30,127	14.5	326,680	14.5	0.5	25	
Disabled	865,277	50,437,676	20,034	31.2	0.5	227,564	31.2	0.5	21,271	33.2	238,461	33.2	0.5	26	
5 and younger	7,301	282,218	128	6.9	0.3	1,404	6.9	0.3	44	2.4	519	2.4	0.4	15	
6-14	42,217	2,268,892	417	5.7	0.3	4,854	5.7	0.3	1,412	19.3	16,075	19.3	0.4	23	
15-20	25,698	1,732,372	527	9.6	0.3	6,054	9.6	0.3	1,159	21.2	12,886	21.2	0.4	26	
21-44	259,287	17,386,187	7,114	30.2	0.4	81,102	30.2	0.4	9,086	38.6	101,933	38.6	0.4	26	
45-64	413,190	23,008,661	9,302	44.9	0.5	104,969	44.9	0.5	8,079	39.0	90,191	39.0	0.5	26	
65-74	96,183	4,743,669	2,021	48.9	0.5	23,217	48.9	0.5	1,217	29.4	13,763	29.4	0.6	24	
75-84	18,380	887,261	437	47.1	0.5	4,996	47.1	0.5	229	24.7	2,602	24.7	0.6	23	
85 and older	3,021	138,416	88	49.2	0.5	968	49.2	0.5	45	25.1	492	25.1	0.6	24	
Other Eligibles	352,915	15,381,024	8,885	6.2	0.4	89,878	6.2	0.4	8,856	6.1	88,219	6.1	0.5	25	
5 and younger	43,337	905,349	729	1.4	0.2	7,095	1.4	0.2	144	0.3	1,539	0.3	0.2	8	
6-14	56,435	2,147,705	1,311	2.4	0.2	14,143	2.4	0.2	2,144	4.0	22,462	4.0	0.4	18	
15-20	19,297	916,569	868	4.8	0.2	8,917	4.8	0.2	1,204	6.7	11,808	6.7	0.4	21	
21-44	24,275	1,342,717	1,117	15.2	0.3	10,285	15.2	0.3	1,566	21.3	14,303	21.3	0.3	20	
45-64	11,895	623,160	334	21.7	0.4	3,111	21.7	0.4	414	26.9	3,909	26.9	0.4	21	
65-74	67,822	3,356,994	1,385	34.9	0.6	14,556	34.9	0.6	1,023	25.8	10,510	25.8	0.7	33	
75-84	82,098	3,908,356	1,834	39.2	0.6	18,834	39.2	0.6	1,446	30.9	14,572	30.9	0.8	34	
85 and older	47,756	2,180,174	1,307	39.3	0.6	12,937	39.3	0.6	915	27.5	9,116	27.5	0.8	34	
Unknown	103	4,420	3	25.0	0.7	36	25.0	0.7	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 7A includes the beneficiaries represented by Cell C 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 7B
 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}
 KENTUCKY, 1999

Beneficiary Characteristics	ANTI-PSYCHOTICS				ANTI-ASTHMATIC				ANTI-CONVULSANT						
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	34,347	6.8 %	372,985	0.6	\$67	136,272	26.9 %	1,474,477	0.4	\$14	37,500	7.4 %	408,658	0.7	\$38
Female	20,484	6.9	223,229	0.6	61	81,389	27.3	883,877	0.4	15	22,379	7.5	244,268	0.7	36
Disabled	12,203	16.8	138,209	0.6	71	41,371	56.9	473,660	0.5	19	15,339	21.1	173,535	0.7	40
5 and younger	8	0.7	91	0.5	57	638	52.9	7,284	0.3	10	135	11.2	1,536	0.7	43
6-14	302	8.1	3,324	0.5	50	1,091	29.4	12,595	0.3	15	629	17.0	7,012	0.7	48
15-20	419	13.5	4,651	0.5	67	816	26.4	9,303	0.3	12	583	18.8	6,534	0.7	45
21-44	4,837	20.1	54,916	0.5	70	11,125	46.2	128,191	0.4	15	6,766	28.1	76,722	0.7	43
45-64	5,252	17.3	59,585	0.6	76	21,428	70.6	244,571	0.5	21	5,945	19.6	67,251	0.7	37
65-74	955	13.2	10,888	0.7	64	4,847	66.8	55,605	0.6	21	969	13.4	11,016	0.7	29
75-84	336	13.5	3,718	0.6	47	1,274	51.3	14,402	0.5	18	272	11.0	3,038	0.7	26
85 and older	94	18.5	1,036	0.5	35	152	30.0	1,709	0.4	14	40	7.9	426	0.8	27
Other Eligibles	8,281	3.7	85,020	0.6	47	40,018	17.8	410,217	0.3	10	7,040	3.1	70,733	0.7	27
5 and younger	35	0.1	369	0.2	19	10,127	21.2	104,774	0.2	4	116	0.2	1,234	0.5	15
6-14	405	0.8	4,264	0.4	38	6,763	12.8	72,765	0.2	8	503	0.9	5,250	0.5	23
15-20	496	1.7	4,933	0.3	32	3,152	10.6	31,335	0.2	6	523	1.8	5,111	0.4	26
21-44	1,149	2.0	11,040	0.2	22	8,126	13.8	77,910	0.3	10	2,087	3.5	19,804	0.4	20
45-64	82	3.2	774	0.5	40	718	28.2	7,033	0.4	16	150	5.9	1,370	0.4	23
65-74	1,098	15.8	11,727	0.7	68	2,732	39.4	29,311	0.5	20	946	13.6	10,014	0.9	37
75-84	2,576	19.7	27,103	0.7	55	4,696	35.9	49,957	0.5	18	1,575	12.0	16,480	1.0	32
85 and older	2,440	18.6	24,810	0.6	44	3,704	28.2	37,132	0.4	14	1,140	8.7	11,470	0.9	27
Male	13,862	6.7	149,744	0.6	76	54,880	26.4	590,570	0.4	14	15,121	7.3	164,390	0.7	41
Disabled	9,833	15.3	109,970	0.7	85	24,640	38.4	278,782	0.5	19	11,758	18.3	131,283	0.7	44
5 and younger	30	1.6	322	0.4	36	1,086	58.8	12,386	0.3	11	192	10.4	2,101	0.7	42
6-14	1,025	14.0	11,480	0.5	60	2,252	30.8	26,141	0.3	13	1,155	15.8	13,105	0.7	41
15-20	679	12.4	7,445	0.5	72	892	16.3	10,064	0.3	13	915	16.7	10,122	0.7	47
21-44	4,390	18.7	49,430	0.7	97	5,530	23.5	62,971	0.4	15	5,520	23.5	61,752	0.8	48
45-64	3,056	14.8	34,121	0.7	84	11,263	54.4	126,240	0.6	22	3,373	16.3	37,525	0.8	40
65-74	467	11.3	5,152	0.7	58	2,930	70.8	33,324	0.6	22	479	11.6	5,334	0.7	29
75-84	158	17.0	1,734	0.7	52	597	64.3	6,652	0.5	18	107	11.5	1,178	0.8	28
85 and older	28	15.6	286	0.8	43	90	50.3	1,004	0.5	14	17	9.5	166	0.7	22
Other Eligibles	4,029	2.8	39,774	0.5	50	30,240	21.0	311,788	0.3	9	3,363	2.3	33,107	0.7	28
5 and younger	74	0.1	759	0.3	27	13,507	26.5	139,580	0.2	5	168	0.3	1,747	0.4	15
6-14	852	1.6	8,684	0.4	45	8,534	15.8	90,214	0.2	8	763	1.4	7,738	0.5	24
15-20	434	2.4	4,307	0.4	52	1,631	9.0	16,819	0.2	7	417	2.3	4,043	0.5	29
21-44	202	2.7	1,757	0.4	55	845	11.5	7,914	0.3	12	434	5.9	3,867	0.4	24
45-64	64	4.2	610	0.4	45	438	28.5	4,143	0.5	20	88	5.7	849	0.5	33
65-74	633	16.0	6,469	0.7	65	1,897	47.9	19,552	0.6	23	579	14.6	5,876	1.0	35
75-84	1,067	22.8	10,499	0.6	53	2,091	44.7	21,127	0.6	20	607	13.0	6,077	0.9	32
85 and older	703	21.1	6,689	0.5	38	1,297	39.0	12,439	0.6	18	307	9.2	2,910	0.9	29
Unknown	1	8.3	12	1.0	6	3	25.0	30	0.5	22	0	0.0	0	0.0	0

Table 7B
 All Medicaid 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 7B includes the beneficiaries represented by Cell C 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 7C
 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}
 KENTUCKY, 1999

Beneficiary Characteristics	ANTIDIABETIC				ANALGESICS - ANTI-INFLAMMATORY				ANTIHYPERTENSIVE						
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	40,927	8.1 %	447,160	0.7	\$32	134,653	26.6 %	1,474,792	0.3	\$10	54,082	10.7 %	589,320	0.6	\$23
Female	29,000	9.7	317,978	0.7	32	88,899	29.9	971,020	0.3	11	33,869	11.4	370,691	0.7	23
Disabled	18,099	24.9	206,157	0.7	35	41,286	56.8	479,051	0.3	14	18,811	25.9	213,856	0.6	23
5 and younger	6	0.5	62	0.7	37	215	17.8	2,538	0.2	2	40	3.3	455	0.6	10
6-14	37	1.0	427	1.0	33	706	19.1	8,300	0.2	3	298	8.0	3,368	0.6	14
15-20	84	2.7	938	0.8	35	951	30.7	10,998	0.2	3	102	3.3	1,156	0.5	15
21-44	2,824	11.7	32,336	0.6	33	14,038	58.3	162,642	0.3	9	2,803	11.6	32,070	0.5	20
45-64	10,850	35.8	123,124	0.7	36	19,457	64.1	225,136	0.3	17	10,526	34.7	118,929	0.6	24
65-74	3,240	44.7	37,266	0.7	36	4,459	61.5	52,384	0.4	20	3,646	50.3	41,809	0.7	26
75-84	952	38.3	10,823	0.7	31	1,269	51.1	14,859	0.4	19	1,220	49.1	14,091	0.7	25
85 and older	106	20.9	1,181	0.7	20	191	37.7	2,194	0.4	18	176	34.7	1,978	0.7	24
Other Eligibles	10,901	4.8	111,821	0.7	27	47,613	21.2	491,969	0.2	7	15,058	6.7	156,835	0.7	23
5 and younger	25	0.1	266	0.7	21	6,856	14.3	74,113	0.2	2	86	0.2	904	0.4	8
6-14	107	0.2	1,097	1.0	34	7,371	13.9	80,369	0.1	2	416	0.8	4,412	0.5	12
15-20	146	0.5	1,323	0.8	31	5,990	20.1	59,489	0.2	2	141	0.5	1,387	0.3	8
21-44	1,124	1.9	10,162	0.6	25	15,873	27.0	151,678	0.2	5	1,479	2.5	13,800	0.4	15
45-64	329	12.9	3,026	0.6	33	1,054	41.4	10,249	0.3	11	415	16.3	3,932	0.6	22
65-74	2,362	34.1	24,746	0.7	30	2,469	35.6	27,431	0.4	19	2,670	38.5	28,587	0.7	25
75-84	4,247	32.5	45,091	0.7	28	4,667	35.7	52,370	0.4	21	5,600	42.8	60,108	0.7	25
85 and older	2,561	19.5	26,110	0.7	23	3,333	25.4	36,270	0.4	20	4,251	32.4	43,705	0.7	24
Male	11,925	5.7	129,158	0.7	32	45,752	22.0	503,748	0.2	8	20,213	9.7	218,629	0.6	23
Disabled	8,579	13.4	95,775	0.7	33	23,163	36.1	266,015	0.3	11	13,586	21.2	151,736	0.6	23
5 and younger	6	0.3	72	0.6	19	360	19.5	4,144	0.2	2	89	4.8	984	0.5	9
6-14	43	0.6	490	1.0	29	1,167	16.0	13,662	0.1	2	1,166	15.9	13,208	0.6	14
15-20	78	1.4	904	0.8	35	1,043	19.1	11,921	0.2	2	336	6.1	3,741	0.5	15
21-44	1,814	7.7	20,342	0.7	32	9,107	38.7	104,630	0.2	8	2,889	12.3	32,408	0.6	21
45-64	5,183	25.0	57,462	0.7	34	9,363	45.2	106,939	0.3	15	6,789	32.8	75,055	0.7	25
65-74	1,207	29.2	13,731	0.7	34	1,724	41.7	20,097	0.4	16	1,875	45.3	21,443	0.7	27
75-84	209	22.5	2,349	0.7	27	340	36.6	3,950	0.4	17	376	40.5	4,209	0.7	26
85 and older	39	21.8	425	0.7	26	59	33.0	672	0.4	13	66	36.9	688	0.6	25
Other Eligibles	3,346	2.3	33,383	0.7	27	22,589	15.7	237,733	0.2	4	6,627	4.6	66,893	0.6	21
5 and younger	15	0.0	165	0.9	31	7,669	15.1	82,728	0.2	2	174	0.3	1,833	0.4	8
6-14	99	0.2	1,013	0.9	30	6,526	12.0	71,137	0.1	1	1,258	2.3	13,277	0.5	11
15-20	69	0.4	645	0.9	39	2,996	16.6	30,451	0.1	2	223	1.2	2,261	0.5	12
21-44	269	3.7	2,497	0.6	28	2,239	30.5	20,258	0.2	8	467	6.4	4,171	0.5	20
45-64	176	11.5	1,577	0.7	28	536	34.9	5,092	0.3	13	291	18.9	2,633	0.6	22
65-74	995	25.1	10,200	0.7	28	895	22.6	9,677	0.4	16	1,403	35.4	14,601	0.7	26
75-84	1,161	24.8	11,743	0.7	26	1,036	22.1	11,223	0.4	17	1,776	37.9	17,948	0.7	26
85 and older	562	16.9	5,543	0.7	22	692	20.8	7,167	0.4	20	1,035	31.1	10,169	0.7	25
Unknown	2	16.7	24	0.5	9	2	16.7	24	0.5	8	0	0.0	0	0.0	0

Table 7C
 All Medicaid 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 7C includes the beneficiaries represented by Cell C 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 7D
 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}
 KENTUCKY, 1999

Beneficiary Characteristics	ANTIHYPERTENSIVE				CALCIUM BLOCKERS				Mean Rx \$	Mean No. of Rx	Users as % of All Benes	No. of Users	No. of Bene Mos among Users	Mean Rx \$	Mean No. of Rx	Users as % of All Benes	No. of Bene Mos among Users	No. of Benes	No. of Bene Mos
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx \$	Mean No. of Rx	Users as % of All Benes	No. of Users	No. of Bene Mos among Users											
All	23,154	4.6%	260,026	0.6	\$47	31,102	6.1%	338,957	\$33	0.7	505,972	4,308,391							
Female	15,459	5.2	174,688	0.6	47	21,739	7.3	237,375	33	0.7	297,761	2,508,299							
Disabled	11,328	15.6	130,220	0.6	48	11,773	16.2	134,077	34	0.7	72,664	769,059							
5 and younger	2	0.2	13	0.2	6	5	0.4	42	15	0.3	1,205	11,151							
6-14	7	0.2	78	0.3	15	15	0.4	180	14	0.4	3,706	38,423							
15-20	15	0.5	176	0.3	22	46	1.5	515	23	0.4	3,094	30,986							
21-44	1,575	6.5	18,250	0.5	38	1,615	6.7	18,495	27	0.6	24,079	256,665							
45-64	7,284	24.0	83,259	0.7	48	6,744	22.2	76,398	34	0.7	30,338	318,962							
65-74	1,998	27.6	23,269	0.7	52	2,358	32.5	27,118	37	0.8	7,251	80,298							
75-84	420	16.9	4,860	0.7	52	829	33.4	9,512	36	0.7	2,484	27,261							
85 and older	27	5.3	315	0.6	35	161	31.8	1,817	34	0.8	507	5,313							
Other Eligibles	4,131	1.8	44,468	0.6	45	9,966	4.4	103,298	31	0.7	225,097	1,739,240							
5 and younger	9	0.0	92	0.1	3	3	0.0	33	38	0.7	47,780	368,290							
6-14	15	0.0	173	0.1	10	18	0.0	191	7	0.2	52,990	441,473							
15-20	26	0.1	255	0.2	13	235	0.8	2,113	4	0.2	29,821	211,492							
21-44	504	0.9	4,832	0.4	31	1,154	2.0	10,627	16	0.4	58,823	382,233							
45-64	215	8.5	2,049	0.6	40	212	8.3	1,997	33	0.7	2,544	17,953							
65-74	1,295	18.7	14,295	0.7	50	1,779	25.7	19,016	34	0.7	6,931	67,376							
75-84	1,605	12.3	17,824	0.7	48	3,589	27.5	38,604	34	0.8	13,074	129,396							
85 and older	462	3.5	4,948	0.6	41	2,976	22.7	30,717	33	0.8	13,134	121,027							
Male	7,693	3.7	85,314	0.6	47	9,362	4.5	101,570	34	0.7	208,199	1,800,001							
Disabled	6,341	9.9	71,663	0.7	48	6,699	10.4	74,903	35	0.7	64,117	655,712							
5 and younger	2	0.1	17	0.4	49	4	0.2	42	23	0.5	1,848	17,985							
6-14	7	0.1	80	0.3	13	19	0.3	228	21	0.4	7,315	76,085							
15-20	17	0.3	192	0.3	26	37	0.7	385	27	0.5	5,469	51,949							
21-44	1,388	5.9	15,680	0.6	40	1,432	6.1	15,972	32	0.6	23,538	245,226							
45-64	4,076	19.7	45,859	0.7	49	3,887	18.8	43,137	36	0.7	20,704	207,999							
65-74	751	18.2	8,711	0.7	53	1,074	26.0	12,309	37	0.8	4,136	44,602							
75-84	95	10.2	1,065	0.7	48	207	22.3	2,374	33	0.7	928	10,063							
85 and older	5	2.8	59	0.9	51	39	21.8	456	32	0.7	179	1,803							
Other Eligibles	1,352	0.9	13,651	0.6	43	2,663	1.8	26,667	31	0.7	144,082	1,144,289							
5 and younger	16	0.0	175	0.2	7	8	0.0	85	6	0.2	50,955	392,842							
6-14	18	0.0	195	0.2	8	27	0.0	255	7	0.2	54,168	447,864							
15-20	13	0.1	128	0.2	12	32	0.2	336	13	0.3	18,100	139,145							
21-44	238	3.2	2,181	0.5	39	245	3.3	2,155	25	0.5	7,351	47,369							
45-64	183	11.9	1,644	0.6	46	156	10.1	1,369	33	0.7	1,537	10,707							
65-74	453	11.4	4,807	0.7	45	735	18.5	7,593	34	0.7	3,964	35,588							
75-84	346	7.4	3,645	0.7	46	928	19.8	9,471	32	0.7	4,682	42,228							
85 and older	85	2.6	876	0.7	37	532	16.0	5,403	31	0.8	3,325	28,546							
Unknown	2	16.7	24	0.4	22	1	8.3	12	68	1.1	12	91							

Table 7D

All Medicaid 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 7D includes the beneficiaries represented by Cell C 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 8
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BENEFICIARY CHARACTERISTIC^{a, b}
 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	\$261	7.8	16,097	160,013
Age				
0-64	356	9.7	1,405	15,157
65-74	307	8.6	2,085	21,056
75-84	274	8.0	5,400	53,898
85 and older	216	6.9	7,207	69,902
Unknown	0	0.0	0	0
Gender				
Female	253	7.7	11,979	120,326
Male	284	8.0	4,118	39,687
Unknown	0	0.0	0	0
Race				
White	264	7.9	14,712	145,811
African American	213	6.3	1,209	12,348
Other/unknown	289	9.3	176	1,854
Basis of Eligibility				
Aged	248	7.5	13,860	135,832
Disabled	330	9.1	2,236	24,174
Adults	0	0.0	0	0
Children	164	9.6	1	7
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 8 includes the beneficiaries represented by Cell D of Table 1, those who resided in nursing facilities throughout their 1999 Medicaid enrollment. A total of 9,069 beneficiaries who were in nursing facilities for part of their enrollment and their 75,459 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 9
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d, e}
 KENTUCKY, 1999

Therapeutic Category	No. of Rx per Bene Mo among Users				\$ per Bene Mo among Users				Users								
	Patented		Generic		Patented		Generic		Patented		Generic		As % of All-Year NF Residents				
	Total	Off-Patent Brand-Name	Brand-Name	Generic	Total	Off-Patent Brand-Name	Brand-Name	Generic	Total	Off-Patent Brand-Name	Brand-Name	Generic	Total # of Rx	Total Rx \$	No.	No. of Bene Mos	
Anti-infective Agents	0.4	0.3	0.0	0.2	\$22	\$18	\$1	\$3	\$51	\$72	\$72	\$18	52,333	\$2,667,964	11,648	72.4 %	121,527
Biologicals	0.1	0.0	0.0	0.1	3	1	0	2	27	28	736	25	1,275	34,069	1,169	7.3	13,106
Antineoplastic Agents	0.7	0.1	0.4	0.2	58	14	36	8	85	162	91	39	7,808	660,247	1,137	7.1	11,455
Endocrine/Metabolic Drugs	1.0	0.5	0.2	0.4	28	19	3	5	27	42	16	14	71,614	1,920,031	6,676	41.5	68,451
Cardiovascular Agents	2.1	0.5	0.5	1.1	49	18	15	16	23	40	30	14	244,701	5,742,867	11,710	72.7	117,903
Respiratory Agents	0.8	0.3	0.0	0.5	23	12	1	10	27	44	32	19	87,599	2,400,958	10,091	62.7	105,525
Gastrointestinal Agents	1.2	0.4	0.1	0.7	58	37	6	16	48	86	68	23	114,730	5,534,783	9,247	57.4	95,109
Genitourinary Agents	0.6	0.2	0.0	0.4	24	12	0	11	39	54	29	31	24,330	955,285	3,803	23.6	40,330
CNS Drugs	2.1	0.8	0.2	1.1	81	56	13	13	39	68	61	13	226,448	8,896,941	10,647	66.1	109,332
Stimulants/Anti-obesity/Anorexia	1.0	0.0	0.3	0.7	21	0	9	12	20	58	30	16	489	9,936	49	0.3	478
Miscellaneous Psychological/Neurological Agents	0.8	0.7	0.0	0.0	84	83	0	1	111	115	0	32	7,657	851,651	1,004	6.2	10,109
Analgesics and Anesthetics	0.9	0.2	0.1	0.6	26	14	4	8	28	61	47	13	72,037	2,009,109	7,476	46.4	77,369
Neuromuscular Agents	1.5	0.3	0.4	0.8	54	20	14	20	36	75	38	23	77,029	2,804,448	4,911	30.5	51,520
Nutritional Products	0.9	0.0	0.3	0.7	21	0	7	13	22	32	24	20	61,618	1,340,380	6,399	39.8	65,163
Hematological Agents	1.0	0.1	0.3	0.6	31	13	8	10	32	131	24	19	48,145	1,530,672	4,780	29.7	48,950
Topical Products	0.6	0.3	0.1	0.3	19	10	5	4	29	41	37	14	68,980	1,999,629	10,066	62.5	106,482
Miscellaneous Products	0.3	0.0	0.0	0.2	6	1	1	4	21	36	107	16	5,011	103,749	1,763	11.0	18,846
Unknown Therapeutic Category	0.7	0.0	0.0	0.0	22	0	0	0	32	0	0	0	70,982	2,237,925	9,637	59.9	100,771
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.	1,242,786	41,700,644	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 9 includes the beneficiaries represented by Cell D of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 1999. A total of 9,069 beneficiaries who were in nursing facilities for part of their enrollment and their 75,459 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.

Table 9

All Medicaid 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; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 10
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS,
 BY TOP-10 DRUG GROUP^{a, b, c, d}
 KENTUCKY, 1999

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
ULCER DRUGS	\$4,186,004	7,410	46.0 %	78,729	0.8	\$68	\$53
ANTIPSYCHOTICS	3,696,288	5,537	34.4	59,540	0.7	83	62
ANTIDEPRESSANTS	3,456,372	7,548	46.9	80,590	1.0	42	43
DERMATOLOGICAL	1,889,667	22,885	142.2	249,275	0.3	22	8
ANTICONVULSANT	1,816,903	3,704	23.0	40,184	1.3	34	45
ANTIHYPERTENSIVE	1,580,633	5,304	33.0	55,564	0.8	34	28
MINERALS & ELECTROLYTES	1,394,024	9,843	61.1	103,640	0.8	18	13
ANTIIDIABETIC	1,373,118	4,710	29.3	49,734	0.8	33	28
ANTIASTHMATIC	1,332,490	6,355	39.5	66,707	0.6	35	20
ANTIANSIETY AGENTS	1,346,206	5,467	34.0	58,541	1.2	20	23

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 10 includes the beneficiaries represented by Cell D of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 1999. A total of 9,069 beneficiaries who were in nursing facilities for part of their enrollment and their 75,459 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 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.

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 1999 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 (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 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^{a, b, c, d} KENTUCKY, 1999

Beneficiary Characteristics	All Top 10 Drug Groups					ULCER DRUGS					ANTIPSYCHOTICS				
	No. of Rx	Rx \$	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	Residents	NF	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	Residents	NF	No. of Bene Mos among Users	Mean No. of Rx
All	600,839	\$22,071,705	7,410	78,729	0.8	\$53	46.0 %		5,537	34.4 %			59,540	0.7	\$62
Female	442,018	15,914,474	5,463	58,415	0.8	53	45.6		3,935	32.8			42,831	0.8	62
Disabled	65,578	2,496,449	620	6,858	0.8	57	50.4		536	43.6			6,145	0.9	74
64 or younger	41,372	1,561,516	372	4,086	0.8	57	52.4		287	40.4			3,278	0.9	77
65-74	12,513	517,043	120	1,327	0.8	57	49.2		125	51.2			1,450	0.8	83
75-84	8,326	305,209	80	900	0.9	56	43.0		83	44.6			961	0.9	67
85 and older	3,367	112,681	48	545	0.8	59	53.3		41	45.6			456	0.6	38
Other Eligibles	376,440	13,418,025	4,843	51,557	0.8	52	45.1		3,399	31.6			36,686	0.7	60
64 or younger	176	7,025	1	11	1.7	174	16.7		2	33.3			24	1.0	57
65-74	46,536	1,858,493	499	5,307	0.8	55	49.4		489	48.4			5,385	0.8	74
75-84	150,317	5,547,693	1,808	19,342	0.8	53	47.4		1,434	37.6			15,509	0.7	65
85 and older	179,411	6,004,814	2,535	26,897	0.8	51	42.8		1,474	24.9			15,768	0.7	50
Male	158,821	6,157,231	1,947	20,314	0.8	54	47.3		1,602	38.9			16,709	0.7	63
Disabled	50,556	2,047,360	531	5,835	0.8	54	52.8		438	43.5			4,765	0.8	72
64 or younger	36,523	1,473,641	361	3,998	0.8	54	52.9		272	39.8			2,999	0.8	77
65-74	8,928	366,827	101	1,077	0.8	56	53.2		96	50.5			1,015	0.8	62
75-84	4,071	168,716	47	537	0.8	52	46.5		56	55.4			602	0.9	75
85 and older	1,034	38,176	22	223	0.7	55	68.8		14	43.8			149	0.9	34
Other Eligibles	108,265	4,109,871	1,416	14,479	0.8	54	45.5		1,164	37.4			11,944	0.7	59
64 or younger	163	5,827	4	38	0.8	51	66.7		1	16.7			12	0.3	37
65-74	26,949	1,050,449	312	3,285	0.8	56	48.7		258	40.2			2,746	0.8	66
75-84	47,459	1,839,374	613	6,254	0.7	53	47.3		539	41.6			5,541	0.7	64
85 and older	33,694	1,214,221	487	4,902	0.8	53	41.7		366	31.3			3,645	0.6	48
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 10A includes the beneficiaries represented by Cell D of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 1999. A total of 9,069 beneficiaries who were in nursing facilities for part of their enrollment and their 75,459 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 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.

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 1999 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 (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 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^{a, b, c, d}
 KENTUCKY, 1999

Beneficiary Characteristics	ANTIDEPRESSANTS										DERMATOLOGICAL										ANTICONVULSANT									
	Users as %					Users as %					Users as %					Users as %					Users as %					Users as %				
	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	Residents	NF	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	Residents	NF	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$		
All	7,548	80,590	1.0	\$43	0.3	22,885	249,275	0.3	\$8	0.3	3,704	40,184	1.3	\$45	7,548	80,590	1.0	\$43	0.3	22,885	249,275	0.3	\$8	0.3	3,704	40,184	1.3	\$45		
Female	5,732	61,544	1.0	42	0.3	16,783	183,888	0.3	7	0.3	2,435	26,491	1.3	43	5,732	61,544	1.0	42	0.3	16,783	183,888	0.3	7	0.3	2,435	26,491	1.3	43		
Disabled	639	7,184	1.0	45	0.4	1,953	22,168	0.4	9	0.4	632	7,152	1.5	54	639	7,184	1.0	45	0.4	1,953	22,168	0.4	9	0.4	632	7,152	1.5	54		
64 or younger	398	4,384	1.0	47	0.4	1,199	13,504	0.4	8	0.4	453	5,131	1.7	58	398	4,384	1.0	47	0.4	1,199	13,504	0.4	8	0.4	453	5,131	1.7	58		
65-74	138	1,600	1.0	45	0.4	352	4,013	0.4	9	0.4	112	1,257	1.2	47	138	1,600	1.0	45	0.4	352	4,013	0.4	9	0.4	112	1,257	1.2	47		
75-84	72	837	0.9	37	0.4	282	3,263	0.4	10	0.4	49	564	1.3	44	72	837	0.9	37	0.4	282	3,263	0.4	10	0.4	49	564	1.3	44		
85 and older	31	363	0.9	37	0.3	120	1,388	0.3	7	0.3	18	200	1.1	35	31	363	0.9	37	0.3	120	1,388	0.3	7	0.3	18	200	1.1	35		
Other Eligibles	5,093	54,360	1.0	42	0.3	14,830	161,720	0.3	7	0.3	1,803	19,339	1.2	39	5,093	54,360	1.0	42	0.3	14,830	161,720	0.3	7	0.3	1,803	19,339	1.2	39		
64 or younger	1	12	0.9	112	0.6	5	46	0.6	13	0.6	1	12	1.0	24	1	12	0.9	112	0.6	5	46	0.6	13	0.6	1	12	1.0	24		
65-74	598	6,372	1.0	45	0.3	1,396	15,351	0.3	8	0.3	388	4,226	1.3	46	598	6,372	1.0	45	0.3	1,396	15,351	0.3	8	0.3	388	4,226	1.3	46		
75-84	2,124	22,797	1.0	42	0.3	5,280	57,954	0.3	8	0.3	774	8,370	1.3	41	2,124	22,797	1.0	42	0.3	5,280	57,954	0.3	8	0.3	774	8,370	1.3	41		
85 and older	2,370	25,179	1.0	41	0.3	8,149	88,369	0.3	7	0.3	640	6,731	1.1	31	2,370	25,179	1.0	41	0.3	8,149	88,369	0.3	7	0.3	640	6,731	1.1	31		
Male	1,816	19,046	1.0	45	0.4	6,102	65,387	0.4	8	0.4	1,269	13,693	1.4	50	1,816	19,046	1.0	45	0.4	6,102	65,387	0.4	8	0.4	1,269	13,693	1.4	50		
Disabled	434	4,723	1.1	50	0.4	1,677	18,846	0.4	10	0.4	597	6,664	1.5	60	434	4,723	1.1	50	0.4	1,677	18,846	0.4	10	0.4	597	6,664	1.5	60		
64 or younger	302	3,274	1.0	49	0.4	1,182	13,349	0.4	9	0.4	478	5,371	1.6	64	302	3,274	1.0	49	0.4	1,182	13,349	0.4	9	0.4	478	5,371	1.6	64		
65-74	97	1,047	1.1	52	0.4	300	3,351	0.4	13	0.4	81	875	1.2	47	97	1,047	1.1	52	0.4	300	3,351	0.4	13	0.4	81	875	1.2	47		
75-84	27	312	1.0	50	0.4	155	1,726	0.4	8	0.4	31	348	1.1	38	27	312	1.0	50	0.4	155	1,726	0.4	8	0.4	31	348	1.1	38		
85 and older	8	90	1.0	33	0.4	40	420	0.4	10	0.4	7	70	0.9	26	8	90	1.0	33	0.4	40	420	0.4	10	0.4	7	70	0.9	26		
Other Eligibles	1,382	14,323	1.0	44	0.4	4,425	46,541	0.4	8	0.4	672	7,029	1.2	40	1,382	14,323	1.0	44	0.4	4,425	46,541	0.4	8	0.4	672	7,029	1.2	40		
64 or younger	4	38	1.0	35	0.3	7	84	0.3	9	0.3	2	19	0.8	31	4	38	1.0	35	0.3	7	84	0.3	9	0.3	2	19	0.8	31		
65-74	324	3,324	1.0	45	0.4	945	10,233	0.4	8	0.4	232	2,443	1.4	46	324	3,324	1.0	45	0.4	945	10,233	0.4	8	0.4	232	2,443	1.4	46		
75-84	598	6,181	1.0	45	0.4	1,829	19,483	0.4	8	0.4	298	3,166	1.1	38	598	6,181	1.0	45	0.4	1,829	19,483	0.4	8	0.4	298	3,166	1.1	38		
85 and older	456	4,780	1.0	41	0.3	1,644	16,741	0.3	7	0.3	140	1,401	1.1	37	456	4,780	1.0	41	0.3	1,644	16,741	0.3	7	0.3	140	1,401	1.1	37		
Unknown	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	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 10B includes the beneficiaries represented by Cell D of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 1999. A total of 9,069 beneficiaries who were in nursing facilities for part of their enrollment and their 75,459 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 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.
 - 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 1999 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 (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 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^{a, b, c, d}
 KENTUCKY, 1999

Beneficiary Characteristics	ANTIHYPERTENSIVE					MINERALS & ELECTROLYTES					ANTIDIABETIC				
	Users as %					Users as %					Users as %				
	No. of Users	No. of Bene NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	5,304	33.0 %	55,564	0.8	\$28	9,843	61.1 %	103,640	0.8	\$14	4,710	29.3 %	49,734	0.8	\$28
Female	3,917	32.7	41,511	0.8	28	7,658	63.9	81,207	0.8	13	3,571	29.8	38,030	0.8	28
Disabled	362	29.4	3,996	0.8	30	822	66.8	9,254	0.8	14	472	38.4	5,228	0.9	32
64 or younger	196	27.6	2,130	0.8	30	467	65.8	5,237	0.8	15	263	37.0	2,867	0.9	34
65-74	79	32.4	864	0.9	33	168	68.9	1,891	0.7	14	102	41.8	1,164	0.9	31
75-84	68	36.6	786	0.7	26	134	72.0	1,538	0.8	14	87	46.8	975	0.8	27
85 and older	19	21.1	216	0.9	24	53	58.9	588	0.8	16	20	22.2	222	0.9	23
Other Eligibles	3,555	33.1	37,515	0.8	27	6,836	63.6	71,953	0.8	13	3,099	28.8	32,802	0.8	27
64 or younger	0	0.0	0	0.0	0	1	16.7	12	0.7	5	1	16.7	12	1.1	27
65-74	359	35.5	3,765	0.8	30	590	58.4	6,346	0.7	14	477	47.2	4,992	0.9	29
75-84	1,434	37.6	15,210	0.8	28	2,400	62.9	25,401	0.8	13	1,389	36.4	14,793	0.9	29
85 and older	1,762	29.8	18,540	0.8	27	3,845	65.0	40,194	0.8	12	1,232	20.8	13,005	0.8	24
Male	1,387	33.7	14,053	0.9	31	2,185	53.1	22,433	0.7	16	1,139	27.7	11,704	0.8	27
Disabled	299	29.7	3,213	0.9	32	605	60.1	6,629	0.7	18	271	26.9	2,929	0.8	29
64 or younger	192	28.1	2,093	0.9	31	404	59.2	4,447	0.7	18	177	25.9	1,891	0.9	31
65-74	73	38.4	769	0.9	33	105	55.3	1,158	0.8	17	60	31.6	677	0.8	30
75-84	25	24.8	264	0.9	34	71	70.3	774	0.8	22	28	27.7	303	0.7	22
85 and older	9	28.1	87	0.7	30	25	78.1	250	0.6	15	6	18.8	58	1.0	25
Other Eligibles	1,088	35.0	10,840	0.9	31	1,580	50.8	15,804	0.7	15	868	27.9	8,775	0.8	27
64 or younger	1	16.7	12	0.9	33	1	16.7	12	2.5	18	1	16.7	12	0.8	14
65-74	265	41.3	2,692	0.8	31	273	42.6	2,694	0.7	14	239	37.3	2,406	0.9	31
75-84	475	36.7	4,771	0.9	31	677	52.2	6,932	0.7	13	367	28.3	3,819	0.8	27
85 and older	347	29.7	3,365	0.9	31	629	53.8	6,166	0.7	16	261	22.3	2,538	0.7	22
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

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

- a. Table 10C includes the beneficiaries represented by Cell D of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 1999. A total of 9,069 beneficiaries who were in nursing facilities for part of their enrollment and their 75,459 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 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.
- 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 1999 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 (May 13 2003).
- Boe 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 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^{a, b, c, d}
 KENTUCKY, 1999

Beneficiary Characteristics	ANTI-ASTHMATIC					ANTI-ANXIETY AGENTS					Bene Mos among All-Year NF Residents	
	Users as %		Mean		No. of Bene Mos among Users	Users as %		Mean		No. of Bene Mos among Users		
	No. of Users	Residents	Rx	Rx-\$		Residents	Rx	Rx-\$	Residents			
All	6,355	39.5 %	0.6	\$20	66,707	5,467	34.0 %	1.2	\$23	58,541	16,097	160,013
Female	4,308	36.0	0.5	18	45,572	4,045	33.8	1.2	23	43,704	11,979	120,326
Disabled	546	44.4	0.7	26	6,065	529	43.0	1.5	29	6,070	1,230	13,479
64 or younger	333	46.9	0.8	30	3,681	310	43.7	1.7	33	3,517	710	7,778
65-74	107	43.9	0.7	27	1,176	102	41.8	1.4	27	1,189	244	2,644
75-84	78	41.9	0.5	16	879	79	42.5	1.0	22	926	186	2,093
85 and older	28	31.1	0.4	10	329	38	42.2	1.5	24	438	90	964
Other Eligibles	3,762	35.0	0.5	17	39,507	3,516	32.7	1.1	22	37,634	10,749	106,847
64 or younger	1	16.7	1.0	32	11	1	16.7	4.3	64	12	6	45
65-74	418	41.4	0.6	24	4,475	439	43.5	1.2	26	4,740	1,010	10,230
75-84	1,439	37.7	0.6	19	15,156	1,348	35.3	1.2	23	14,349	3,817	38,484
85 and older	1,904	32.2	0.4	14	19,865	1,728	29.2	1.1	21	18,533	5,916	58,088
Male	2,047	49.7	0.7	24	21,135	1,422	34.5	1.1	22	14,837	4,118	39,687
Disabled	507	50.4	0.7	27	5,510	408	40.6	1.2	25	4,549	1,006	10,695
64 or younger	329	48.2	0.8	31	3,621	303	44.4	1.2	25	3,375	683	7,288
65-74	110	57.9	0.5	18	1,138	75	39.5	1.3	23	826	190	1,990
75-84	55	54.5	0.7	22	624	23	22.8	1.1	25	267	101	1,086
85 and older	13	40.6	0.6	16	127	7	21.9	0.8	26	81	32	331
Other Eligibles	1,540	49.5	0.7	22	15,625	1,014	32.6	1.1	21	10,288	3,112	28,992
64 or younger	1	16.7	0.1	3	7	0	0.0	0.0	0	0	6	46
65-74	355	55.4	0.8	27	3,723	230	35.9	1.1	21	2,256	641	6,192
75-84	663	51.2	0.7	23	6,733	445	34.3	1.1	24	4,573	1,296	12,235
85 and older	521	44.6	0.6	19	5,162	339	29.0	0.9	17	3,459	1,169	10,519
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 10D includes the beneficiaries represented by Cell D of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 1999. A total of 9,069 beneficiaries who were in nursing facilities for part of their enrollment and their 75,459 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 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.

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 1999 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 (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.

APPENDIX TABLE A.1

CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY^{a, b}
KENTUCKY, 1999

Beneficiary Characteristics	No. of Benes					No. of Bene Mos						
	All	Aged	Disabled	Adults	Children	Unknown	All	Aged	Disabled	Adults	Children	Unknown
All	655,163	52,624	184,772	100,854	316,913	0	6,083,207	516,884	2,006,325	748,128	2,811,870	0
Age												
5 and younger	136,903	3	4,417	35	132,448	0	1,191,992	8	45,718	201	1,146,065	0
6-14	156,005	0	16,035	54	139,916	0	1,463,638	0	177,878	382	1,285,378	0
15-20	71,052	2	11,595	15,390	44,065	0	606,201	18	120,613	107,430	378,140	0
21-44	145,548	17	64,485	80,611	435	0	1,311,162	161	705,940	602,940	2,121	0
45-64	72,451	74	67,594	4,741	42	0	761,347	611	723,523	37,075	138	0
65-74	29,108	13,632	15,455	21	0	0	311,155	136,464	174,597	94	0	0
75-84	25,325	20,958	4,365	1	1	0	260,364	211,209	49,150	2	3	0
85 and older	18,767	17,938	826	1	2	0	177,340	168,413	8,906	4	17	0
Unknown	4	0	0	0	4	8	0	0	0	0	8	0
Gender												
Female	384,208	38,740	98,970	90,749	155,749	0	3,538,709	387,374	1,087,916	677,172	1,386,247	0
Male	270,944	13,884	85,793	10,105	161,162	0	2,544,389	129,510	918,307	70,956	1,425,616	0
Unknown	11	0	9	0	2	0	109	0	102	0	7	0
Race												
White	532,830	43,351	142,957	84,288	262,234	0	4,903,669	419,683	1,552,175	616,816	2,314,995	0
African American	84,304	4,319	15,787	15,137	49,061	0	793,468	43,883	173,841	122,922	452,822	0
Other/unknown	38,029	4,954	26,028	1,429	5,618	0	386,070	53,318	280,309	8,390	44,053	0
Use of Nursing Facilities												
All year	16,153	13,898	2,254	0	1	0	161,444	136,858	24,579	0	7	0
Part year	9,414	7,628	1,776	4	6	0	82,627	64,916	17,611	39	61	0
None	629,596	31,098	180,742	100,850	316,906	0	5,839,136	315,110	1,964,135	748,089	2,811,802	0
Maintenance Assistance Status												
Cash	309,632	24,553	174,425	34,916	75,738	0	3,241,134	267,980	1,919,361	300,196	753,597	0
Medically needy	58,266	3,103	3,137	21,948	30,078	0	468,346	19,722	13,275	159,079	276,270	0
Poverty related	214,457	688	921	30,899	181,949	0	1,698,339	6,817	8,783	179,345	1,503,394	0
Other/unknown	72,808	24,280	6,289	13,091	29,148	0	675,388	222,365	64,906	109,508	278,609	0
Dual Status^c												
Full dual, all year	105,544	48,300	56,650	575	19	0	1,108,230	480,999	623,697	3,450	84	0
Full dual, part year	3,252	1,771	1,458	22	1	0	33,427	18,670	14,510	235	12	0
Non-dual, all year	546,367	2,553	126,664	100,257	316,893	0	4,941,550	17,215	1,368,118	744,443	2,811,774	0
Managed Care Status												
FFS all year	454,638	43,566	130,604	70,339	210,129	0	4,164,259	417,982	1,401,112	501,763	1,843,402	0
FFS part year, with Rx claims	7,543	778	2,740	795	3,230	0	80,771	8,564	29,967	7,358	34,882	0
FFS part year, no Rx claims	43,791	830	3,444	10,988	28,529	0	336,413	6,595	27,324	79,528	222,966	0
MC all year, with Rx claims	11,312	186	8,477	713	1,936	0	130,201	1,983	99,106	7,592	21,520	0
MC all year, no Rx claims	137,879	7,264	39,507	18,019	73,089	0	1,371,563	81,760	448,816	151,887	689,100	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.1 includes the beneficiaries represented by Cell B 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. The "Non-dual, all year" group includes beneficiaries who were never dually eligible or dually eligible but never had pharmacy benefits. 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; MC = managed care; Rx = pharmacy benefit.

APPENDIX TABLE A.2
 MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS
 KENTUCKY, 1999

	Benes and					
	Bene Mos in Cell B of Table 1		Included in Cell C of Table 1		Excluded from Cell C 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	655,163	6,083,207	505,972	4,308,391	149,191	1,774,816
FFS all year	454,638	4,164,259	454,638	4,164,259	0	0
FFS part year, with Rx claims	7,543	80,771	7,543	41,381	0	39,390
FFS part year, with no Rx claims	43,791	336,413	43,791	102,751	0	233,662
MC all year, with Rx claims	11,312	130,201	0	0	11,312	130,201
MC all year, with no Rx claims	137,879	1,371,563	0	0	137,879	1,371,563

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.