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STATISTICAL COMPENDIUM:  
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2007  
KENTUCKY

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**TABLE ND.2**  
**CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY<sup>a, b</sup>**  
**NONDUAL BENEFICIARIES, KENTUCKY, 2007**

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
<b>All</b>	<b>554,018</b>	<b>1,521</b>	<b>117,281</b>	<b>106,491</b>	<b>328,238</b>	<b>487</b>	<b>5,206,119</b>	<b>10,843</b>	<b>1,253,799</b>	<b>814,188</b>	<b>3,125,494</b>	<b>1,795</b>
<b>Age</b>												
5 and younger	134,049	1	4,682	20	129,346	0	1,225,095	3	49,893	99	1,175,100	0
6-14	152,569	0	14,751	20	137,798	0	1,546,095	0	167,216	97	1,378,782	0
15-20	82,162	0	10,855	10,833	60,469	5	763,718	0	117,828	78,620	567,260	10
21-44	126,689	0	36,916	88,882	584	307	1,084,149	0	397,675	681,532	4,053	889
45-64	56,311	28	49,335	6,733	41	174	569,682	160	514,493	53,837	299	893
65-74	826	275	547	3	0	1	6,841	2,046	4,789	3	0	3
75-84	675	535	140	0	0	0	5,440	4,032	1,408	0	0	0
85 and older	737	682	55	0	0	0	5,099	4,602	497	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Gender</b>												
Female	314,158	881	60,177	90,759	161,854	487	2,899,369	5,713	650,728	695,016	1,546,117	1,795
Male	239,859	640	57,103	15,732	166,384	0	2,306,738	5,130	603,059	119,172	1,579,377	0
Unknown	1	0	1	0	0	0	12	0	12	0	0	0
<b>Race</b>												
White	464,358	1,251	86,135	94,588	281,930	454	4,362,016	8,772	916,398	735,815	2,699,396	1,635
African American	45,225	154	6,259	8,496	30,290	26	407,969	1,153	61,680	63,774	281,245	117
Other/unknown	44,435	116	24,887	3,407	16,018	7	436,134	918	275,721	14,599	144,853	43
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	1,311	397	896	16	2	0	13,665	4,079	9,547	25	14	0
Part year	3,140	210	2,428	481	19	2	31,843	1,980	25,108	4,562	173	20
None	549,567	914	113,957	105,994	328,217	485	5,160,611	4,784	1,219,144	809,601	3,125,307	1,775
<b>Maintenance Assistance Status</b>												
Cash	256,693	252	112,709	52,383	91,349	0	2,587,402	2,342	1,224,483	446,505	914,072	0
Medically needy	18,774	237	2,715	11,165	4,657	0	136,973	1,587	11,389	78,861	45,136	0
Poverty-related	233,280	23	50	27,259	205,461	487	2,062,365	204	259	162,421	1,897,686	1,795
Other/unknown	45,271	1,009	1,807	15,684	26,771	0	419,379	6,710	17,668	126,401	268,600	0
<b>Managed Care (MC) Status</b>												
Fee-for-service (FFS) all year	544,399	1,507	115,251	104,281	322,878	482	5,172,856	10,787	1,244,169	808,907	3,107,213	1,780
FFS part year, with Rx claims	3,064	6	1,171	430	1,452	5	18,080	28	7,063	2,152	8,822	15
FFS part year, no Rx claims	6,555	8	859	1,780	3,908	0	15,183	28	2,567	3,129	9,459	0

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

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

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

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

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

**TABLE ND.3**  
**ANNUAL MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>**  
**NONDUAL BENEFICIARIES, KENTUCKY, 2007**

Beneficiary Characteristics	Percentage with at Least One Rx	Mean Number of Rx	Mean Rx \$	\$ per Rx	Mean \$, All Medicaid FFS \$ <sup>c</sup>	Rx \$ as a Percentage of All Medicaid FFS \$ <sup>d</sup>	Number of Beneficiaries
<b>All</b>	<b>76.3</b>	<b>14.1</b>	<b>\$849</b>	<b>\$60</b>	<b>\$4,432</b>	<b>19.1</b>	<b>554,018</b>
<b>Age</b>							
5 and younger	73.3	5.6	306	54	2,497	12.3	134,049
6-14	74.4	7.5	541	73	2,553	21.2	152,569
15-20	75.0	8.4	546	65	4,064	13.4	82,162
21-44	79.8	17.8	1,004	57	5,664	17.7	126,689
45-64	83.7	51.8	3,074	59	11,502	26.7	56,311
65-74	54.8	25.0	1,346	54	12,369	10.9	826
75-84	42.4	10.1	410	41	14,799	2.8	675
85 and older	35.3	7.1	181	26	16,318	1.1	737
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Basis of Eligibility<sup>e</sup></b>							
Aged	40.2	10.6	404	38	15,660	2.6	1,521
Disabled	84.0	38.2	2,577	68	10,883	23.7	117,281
Adults	78.4	12.1	518	43	3,862	13.4	106,491
Children	73.0	6.1	340	56	2,250	15.1	328,238
Unknown	79.7	10.5	1,504	144	11,271	13.3	487
<b>Gender</b>							
Female	78.4	15.8	885	56	4,559	19.4	314,158
Male	73.5	11.8	801	68	4,266	18.8	239,859
Unknown	0.0	0.0	0	0	50	0.0	1
<b>Race</b>							
White	77.6	14.1	824	58	4,252	19.4	464,358
African American	64.4	7.8	499	64	3,867	12.9	45,225
Other/unknown	74.4	19.6	1,466	75	6,891	21.3	44,435
<b>Use of Nursing Facilities<sup>f</sup></b>							
Entire year	86.7	93.7	5,412	58	61,537	8.8	1,311
Part year	93.6	62.0	4,124	67	38,019	10.8	3,140
None	76.2	13.6	819	60	4,104	20.0	549,567
<b>Maintenance Assistance Status</b>							
Cash	80.9	22.3	1,400	63	6,143	22.8	256,693
Medically needy	66.5	12.6	658	52	5,523	11.9	18,774
Poverty related	71.8	5.7	295	52	2,250	13.1	233,280
Other/unknown	76.9	10.9	656	60	5,525	11.9	45,271

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

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

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

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

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

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

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

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

**TABLE ND.4**  
**MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>**  
**NONDUAL BENEFICIARIES, KENTUCKY, 2007**

Beneficiary Characteristics	Number of Rx, Percentage with:										Number		
	Mean Number of Rx	Mean Rx \$	Rx \$ as a Percentage of All Medicaid FFS \$ <sup>c</sup>	Number of Rx, Percentage with:						Mean \$, All Medicaid FFS \$ <sup>d</sup>	Beneficiaries	Benefit Months	
				None	More than 0, but 1 or Less	More than 1, but 2 or Less	More than 2, but 5 or Less	More than 5, but 10 or Less	More than 10				
<b>All</b>	<b>1.5</b>	<b>\$90</b>	<b>19.1</b>	<b>23.7</b>	<b>51.4</b>	<b>9.6</b>	<b>9.7</b>	<b>4.2</b>	<b>1.4</b>	<b>1.4</b>	<b>\$472</b>	<b>554,018</b>	<b>5,206,119</b>
<b>Age</b>													
5 and younger	0.6	34	12.3	26.7	63.9	6.6	2.6	0.2	0.0	0.0	273	134,049	1,225,095
6-14	0.7	53	21.2	25.6	60.5	7.7	5.6	0.6	0.0	0.0	252	152,569	1,546,095
15-20	0.9	59	13.4	25.0	56.9	10.3	6.7	1.0	0.1	0.1	437	82,162	763,718
21-44	2.1	117	17.7	20.2	40.6	15.0	17.1	5.9	1.2	1.2	662	126,689	1,084,149
45-64	5.1	304	26.7	16.3	14.5	9.2	25.4	24.2	10.5	10.5	1,137	56,311	569,682
65-74	3.0	163	10.9	45.2	17.4	6.1	14.0	10.7	6.7	6.7	1,494	826	6,841
75-84	1.3	51	2.8	57.6	27.7	3.6	6.1	3.1	1.9	1.9	1,836	675	5,440
85 and older	1.0	26	1.1	64.7	22.0	3.5	5.6	2.6	1.6	1.6	2,359	737	5,099
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Basis of Eligibility<sup>e</sup></b>													
Aged	1.5	57	2.6	59.8	22.4	4.2	7.4	4.1	2.2	2.2	2,197	1,521	10,843
Disabled	3.6	241	23.7	16.0	27.3	11.8	22.7	16.0	6.1	6.1	1,018	117,281	1,253,799
Adults	1.6	68	13.4	21.6	45.6	15.2	14.0	3.2	0.4	0.4	505	106,491	814,188
Children	0.6	36	15.1	27.0	62.1	7.1	3.6	0.3	0.0	0.0	236	328,238	3,125,494
Unknown	2.8	408	13.3	20.3	26.3	18.1	24.2	9.2	1.8	1.8	3,058	487	1,795
<b>Gender</b>													
Female	1.7	96	19.4	21.6	50.5	10.4	10.7	5.0	1.8	1.8	494	314,158	2,899,369
Male	1.2	83	18.8	26.5	52.6	8.6	8.3	3.1	0.9	0.9	444	239,859	2,306,738
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	4	1	12
<b>Race</b>													
White	1.5	88	19.4	22.4	52.3	9.9	9.8	4.2	1.4	1.4	453	464,358	4,362,016
African American	0.9	55	12.9	35.6	50.6	6.5	5.0	1.7	0.6	0.6	429	45,225	407,969
Other/unknown	2.0	149	21.3	25.6	42.7	9.7	13.0	6.6	2.4	2.4	702	44,435	436,134
<b>Use of Nursing Facilities<sup>f</sup></b>													
Entire year	9.0	519	8.8	13.3	14.1	3.6	10.8	22.0	36.1	36.1	5,904	1,311	13,665
Part year	6.1	407	10.8	6.4	14.8	9.7	25.6	26.4	17.1	17.1	3,749	3,140	31,843
None	1.4	87	20.0	23.8	51.7	9.6	9.6	4.0	1.2	1.2	437	549,567	5,160,611
<b>Maintenance Assistance Status</b>													
Cash	2.2	139	22.8	19.1	44.2	11.0	14.8	8.1	2.8	2.8	610	256,693	2,587,402
Medically needy	1.7	90	11.9	33.5	35.3	11.1	14.4	4.9	0.8	0.8	757	18,774	136,973
Poverty related	0.6	33	13.1	28.2	60.2	7.7	3.7	0.3	0.0	0.0	255	233,280	2,062,365
Other/unknown	1.2	71	11.9	23.1	53.6	11.1	9.7	1.9	0.6	0.6	596	45,271	419,379

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

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

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

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

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

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

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

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

**TABLE ND.5**  
**AVERAGE MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC<sup>a, b, c</sup>**  
**NONDUAL BENEFICIARIES, KENTUCKY, 2007**

Beneficiary Characteristics	All Rx			Patented Brand-Name Drugs			Off-Patent Brand-Name Drugs			Generic Drugs		
	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx
<b>All</b>	<b>1.5</b>	<b>\$90</b>	<b>\$60</b>	<b>0.4</b>	<b>\$65</b>	<b>\$148</b>	<b>0.0</b>	<b>\$4</b>	<b>\$101</b>	<b>1.0</b>	<b>\$21</b>	<b>\$21</b>
<b>Age</b>												
5 and younger	0.6	34	54	0.2	22	138	0.0	3	70	0.4	9	22
6-14	0.7	53	73	0.3	41	132	0.0	3	94	0.4	10	25
15-20	0.9	59	65	0.3	44	153	0.0	2	103	0.6	13	21
21-44	2.1	117	57	0.5	83	165	0.0	4	120	1.5	30	20
45-64	5.1	304	59	1.5	222	148	0.1	13	118	3.5	68	19
65-74	3.0	163	54	0.9	119	132	0.1	7	96	2.0	36	18
75-84	1.3	51	41	0.3	37	127	0.0	2	69	0.9	12	13
85 and older	1.0	26	26	0.1	15	105	0.0	1	50	0.9	10	12
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Basis of Eligibility<sup>d</sup></b>												
Aged	1.5	57	38	0.3	40	119	0.0	2	59	1.1	15	13
Disabled	3.6	241	68	1.1	182	167	0.1	10	119	2.4	49	21
Adults	1.6	68	43	0.3	44	126	0.0	2	103	1.2	22	18
Children	0.6	36	56	0.2	24	118	0.0	2	81	0.4	9	23
Unknown	2.8	408	144	0.5	342	644	0.1	27	335	2.2	38	17
<b>Gender</b>												
Female	1.7	96	56	0.5	68	143	0.0	4	103	1.2	24	20
Male	1.2	83	68	0.4	62	157	0.0	4	98	0.8	17	22
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Race</b>												
White	1.5	88	58	0.4	62	145	0.0	4	101	1.0	21	20
African American	0.9	55	64	0.3	42	156	0.0	2	91	0.6	12	20
Other/unknown	2.0	149	75	0.7	116	169	0.1	6	105	1.2	27	22
<b>Use of Nursing Facilities<sup>e</sup></b>												
Entire year	9.0	519	58	2.2	358	161	0.2	24	117	6.6	137	21
Part year	6.1	407	67	1.6	302	184	0.1	14	121	4.3	89	21
None	1.4	87	60	0.4	63	147	0.0	4	100	1.0	20	21
<b>Maintenance Assistance Status</b>												
Cash	2.2	139	63	0.6	102	158	0.1	6	109	1.5	31	20
Medically needy	1.7	90	52	0.4	62	146	0.0	4	98	1.3	25	20
Poverty related	0.6	33	52	0.2	22	113	0.0	2	84	0.4	9	22
Other/unknown	1.2	71	60	0.4	52	142	0.0	3	91	0.8	16	21

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

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

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

c. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In Kentucky, 0.6 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/master-drug-database.aspx>.

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

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

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

**TABLE ND.6**  
**MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a, b, c, d</sup>**  
**NONDUAL BENEFICIARIES, KENTUCKY, 2007**

Therapeutic Category	Number of Rx per Benefit Month												Total		Users <sup>e</sup>		
	Among Users				\$ per Benefit Month Among Users				\$ per Rx				Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All Benes	Number of Benefit Months
	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic					
Anti-infective Agents	0.3	0.0	0.0	0.2	\$13	\$5	\$2	\$6	\$44	\$167	\$98	\$26	984,040	\$43,591,432	323,279	58.4	3,419,055
Biologicals	0.5	0.5	0.0	0.0	692	692	0	0	1529	1,529	0	0	7,207	11,020,320	1,717	0.3	15,933
Antineoplastic Agents	0.6	0.2	0.0	0.4	253	227	1	25	443	1,168	828	66	14,770	6,546,049	2,473	0.4	25,864
Endocrine/Metabolic Drugs	0.5	0.2	0.0	0.3	29	23	0	6	58	126	43	19	634,737	37,131,277	120,324	21.7	1,282,342
Cardiovascular Agents	1.3	0.4	0.0	0.9	51	36	3	11	39	96	67	13	1,067,688	41,512,244	74,923	13.5	815,526
Respiratory Agents	0.5	0.2	0.0	0.2	28	22	1	4	61	96	76	21	1,211,332	73,327,849	244,111	44.1	2,623,195
Gastrointestinal Agents	0.4	0.1	0.0	0.3	20	12	2	6	51	190	193	19	309,721	15,676,564	74,277	13.4	801,788
Genitourinary Agents	0.3	0.1	0.0	0.1	14	10	0	4	56	96	78	26	86,789	4,861,249	33,126	6.0	343,353
CNS Drugs	0.9	0.2	0.0	0.6	66	53	0	12	78	246	83	20	982,962	76,521,077	107,525	19.4	1,155,572
Stimulants/Anti-obesity/Anorexia	0.7	0.6	0.0	0.1	77	73	0	4	106	121	53	34	228,338	24,280,889	28,490	5.1	315,212
Miscellaneous Psychological/Neurological Agents	0.6	0.6	0.0	0.0	270	270	0	0	446	454	0	38	8,464	3,774,548	1,274	0.2	13,957
Analgesics and Anesthetics	0.5	0.0	0.0	0.4	14	5	1	8	30	213	323	17	937,350	28,293,355	189,567	34.2	1,991,117
Neuromuscular Agents	0.7	0.3	0.0	0.5	63	46	3	14	85	183	176	29	629,423	53,388,604	78,728	14.2	852,541
Nutritional Products	0.4	0.1	0.0	0.3	10	5	0	5	24	40	28	17	125,589	2,962,714	30,601	5.5	297,098
Hematological Agents	0.6	0.3	0.0	0.3	98	93	0	5	166	305	27	17	120,203	19,965,252	19,536	3.5	203,898
Topical Products	0.2	0.1	0.0	0.1	13	9	0	3	58	120	76	23	404,922	23,319,757	172,706	31.2	1,863,959
Miscellaneous Products	0.5	0.2	0.0	0.3	120	104	1	15	245	511	183	53	12,157	2,973,702	2,288	0.4	24,783
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	9	0	0	0	53	0	0	0	19,343	1,032,502	10,336	1.9	114,361
<b>TOTAL NO. OF RX AND RX \$</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>7,785,035</b>	<b>470,179,384</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

- a. Table ND.6 includes the beneficiaries represented by Cell K of Table 1. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
  - b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
  - c. For information about these therapeutic categories, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.
  - d. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In Kentucky, 0.6 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.
  - e. For information about this classification method, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.
- f. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2007.  
 Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.



TABLE ND.7  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, KENTUCKY, 2007

Top 10 Drug Groups	Users			Among Users			
	Total Medicaid Rx \$	Number of Users	As a Percentage of All Beneficiaries	Number of Benefit Months	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month
ANTIPSYCHOTICS	\$55,903,366	34,854	6.3	388,762	0.6	\$254	\$144
ANTIASTHMATIC	48,723,351	161,293	29.1	1,781,005	0.3	86	27
ANTICONVULSANT	44,310,988	60,056	10.8	662,393	0.6	105	67
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	24,274,692	34,784	6.3	389,284	0.6	106	62
ANTIHYPERTENSIVE	22,300,507	39,181	7.1	443,517	0.6	86	50
ANTIDIABETIC	20,917,737	37,265	6.7	413,391	0.6	79	51
ANTIDEPRESSANTS	17,094,104	99,110	17.9	1,076,933	0.5	35	16
DERMATOLOGICAL	16,858,997	176,729	31.9	1,949,857	0.2	57	9
ANALGESICS - Narcotic	16,260,413	209,759	37.9	2,215,899	0.3	28	7
ULCER DRUGS	13,866,873	91,384	16.5	1,001,507	0.4	37	14
Total	280,511,028	944,415	n.a.	10,322,548	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

a. Table ND.7 includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. 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 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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

TABLE ND.7A  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS COMBINED  
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, KENTUCKY, 2007

Beneficiary Characteristics	All Top 10 Drug Groups								ANTIPSYCHOTICS				ANTIASTHMATIC					
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	
<b>All</b>	<b>3,702,859</b>	<b>\$280,511,028</b>	<b>34,854</b>	<b>6.3</b>	<b>388,762</b>	<b>0.6</b>	<b>\$144</b>	<b>161,293</b>	<b>29.1</b>	<b>1,781,005</b>	<b>0.3</b>	<b>\$27</b>						
<b>Female</b>																		
All Females	2,286,128	160,749,358	18,843	6.0	209,146	0.5	130	89,111	28.4	981,903	0.3	28						
<b>Female, Disabled</b>																		
All Ages	1,455,968	113,131,206	12,012	20.0	137,213	0.6	154	35,661	59.3	413,661	0.5	40						
5 and younger	9,004	792,379	44	2.4	524	0.4	81	1,044	57.9	12,202	0.3	29						
6-14	48,498	5,546,174	849	18.3	9,684	0.6	136	2,078	44.8	24,530	0.3	30						
15-20	39,094	4,357,601	876	22.6	9,882	0.5	137	1,124	29.0	13,081	0.3	33						
21-44	404,640	32,414,557	4,693	23.3	53,747	0.6	146	9,330	46.4	108,878	0.4	32						
45-64	948,162	69,558,850	5,514	18.8	63,031	0.7	168	21,907	74.8	253,157	0.5	46						
65-74	6,068	432,564	34	9.6	321	0.9	246	172	48.5	1,741	0.6	44						
75-84	486	28,684	2	2.5	24	1.3	115	6	7.4	72	1.1	106						
85 and older	16	397	0	0.0	0	0.0	0	0	0.0	0	0.0	0						
<b>Female, Other Eligibles</b>																		
All Ages	830,160	47,618,152	6,831	2.7	71,933	0.4	82	53,450	21.0	568,242	0.2	19						
5 and younger	84,091	4,624,669	119	0.2	1,352	0.3	69	15,900	25.3	171,481	0.2	16						
6-14	164,778	13,051,071	1,508	2.2	16,932	0.5	110	16,254	23.7	181,176	0.3	21						
15-20	116,120	6,996,518	1,439	3.5	15,577	0.4	88	7,081	17.4	75,208	0.2	17						
21-44	409,407	19,716,576	3,472	4.5	35,260	0.3	66	12,597	16.4	124,621	0.3	18						
45-64	51,623	3,066,362	267	5.8	2,561	0.4	91	1,559	34.0	15,146	0.4	32						
65-74	1,480	82,168	7	4.5	55	1.1	252	23	14.6	251	0.4	36						
75-84	1,369	56,048	12	4.0	122	0.9	118	17	5.6	168	0.7	35						
85 and older	1,292	24,740	7	1.7	74	0.4	20	19	4.7	191	0.4	23						
<b>Male</b>																		
All Males	1,416,731	119,761,670	16,011	6.7	179,616	0.6	160	72,182	30.1	799,102	0.3	27						
<b>Male, Disabled</b>																		
All Ages	906,025	79,290,263	10,790	18.9	122,490	0.7	179	22,209	38.9	255,401	0.4	39						
5 and younger	16,142	1,597,716	188	6.5	2,203	0.4	101	2,069	71.9	23,863	0.3	30						
6-14	121,572	14,645,540	2,799	27.7	32,113	0.6	156	4,369	43.2	51,231	0.3	30						
15-20	64,678	8,017,975	1,682	24.1	19,102	0.6	164	1,739	24.9	20,110	0.3	32						
21-44	236,960	21,241,103	3,367	20.0	38,164	0.7	195	3,760	22.4	43,343	0.4	33						
45-64	464,468	33,664,624	2,741	13.7	30,798	0.7	197	10,207	50.9	116,223	0.6	49						
65-74	2,051	119,626	13	6.8	110	1.0	210	63	32.8	607	0.7	50						
75-84	131	3,046	0	0.0	0	0.0	0	2	3.4	24	0.9	15						
85 and older	23	633	0	0.0	0	0.0	0	0	0.0	0	0.0	0						
<b>Male, Other Eligibles</b>																		
All Ages	510,706	40,471,407	5,221	2.9	57,126	0.5	121	49,973	27.3	543,701	0.2	21						
5 and younger	101,693	6,729,572	266	0.4	3,005	0.4	86	22,220	33.4	238,546	0.2	19						
6-14	226,601	21,345,823	3,046	4.4	34,080	0.6	131	20,448	29.5	227,997	0.3	23						
15-20	82,914	7,060,132	1,353	4.4	14,550	0.5	120	5,155	16.8	55,903	0.3	21						
21-44	72,887	3,751,459	453	3.4	4,438	0.3	76	1,526	11.6	15,230	0.3	26						
45-64	23,488	1,449,523	83	3.5	842	0.5	95	578	24.2	5,567	0.4	36						
65-74	958	51,245	6	4.9	65	0.8	132	22	18.0	223	0.6	47						
75-84	1,129	48,250	9	3.9	102	0.9	123	12	5.2	129	0.5	43						
85 and older	1,036	35,403	5	1.8	44	0.8	96	12	4.4	106	0.6	39						
<b>Unknown</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>						

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.  
 a. Table ND.7A includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. 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 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.



TABLE ND.7B  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY,  
 BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, KENTUCKY, 2007

Beneficiary Characteristics	ANTICONVULSANT					STIMULANTS/ANTI-OBESITY/ANOREXIANTS					ANTIHYPERLIPIDEMIC				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month
<b>All</b>	<b>60,056</b>	<b>10.8</b>	<b>662,393</b>	<b>0.6</b>	<b>\$67</b>	<b>34,784</b>	<b>6.3</b>	<b>389,284</b>	<b>0.6</b>	<b>\$62</b>	<b>39,181</b>	<b>7.1</b>	<b>443,517</b>	<b>0.6</b>	<b>\$50</b>
<b>Female</b>															
All Females	39,539	12.6	434,725	0.6	64	10,827	3.4	120,758	0.6	59	24,727	7.9	281,272	0.6	49
<b>Female, Disabled</b>															
All Ages	24,744	41.1	284,638	0.7	73	3,011	5.0	34,924	0.6	65	20,588	34.2	239,260	0.6	52
5 and younger	212	11.8	2,438	0.7	90	89	4.9	1,030	0.4	36	9	0.5	107	0.1	9
6-14	959	20.7	11,058	0.8	143	1,712	36.9	19,971	0.6	68	10	0.2	115	0.5	26
15-20	1,059	27.3	12,034	0.7	124	549	14.2	6,329	0.6	66	36	0.9	428	0.4	33
21-44	9,584	47.6	110,302	0.7	76	427	2.1	4,911	0.5	54	3,829	19.0	44,680	0.5	42
45-64	12,852	43.9	148,101	0.7	62	234	0.8	2,683	0.6	69	16,582	56.6	192,624	0.6	54
65-74	76	21.4	681	0.7	46	0	0.0	0	0.0	0	115	32.4	1,222	0.6	49
75-84	2	2.5	24	1.1	147	0	0.0	0	0.0	0	7	8.6	84	1.0	91
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>															
All Ages	14,795	5.8	150,087	0.5	45	7,816	3.1	85,834	0.5	56	4,139	1.6	42,012	0.4	33
5 and younger	221	0.4	2,425	0.4	46	348	0.6	3,898	0.4	34	73	0.1	779	0.2	6
6-14	1,075	1.6	11,897	0.5	74	5,354	7.8	59,455	0.6	59	38	0.1	428	0.3	17
15-20	1,769	4.4	18,787	0.4	61	1,291	3.2	14,221	0.5	55	110	0.3	1,154	0.3	20
21-44	10,638	13.9	106,188	0.5	39	766	1.0	7,694	0.5	46	2,767	3.6	28,180	0.4	31
45-64	1,046	22.8	10,311	0.5	41	57	1.2	566	0.5	72	1,099	23.9	10,895	0.5	41
65-74	16	10.2	167	0.9	52	0	0.0	0	0.0	0	29	18.5	333	0.6	52
75-84	20	6.6	201	0.9	12	0	0.0	0	0.0	0	18	6.0	191	0.6	50
85 and older	10	2.5	111	1.2	11	0	0.0	0	0.0	0	5	1.2	52	0.4	15
<b>Male</b>															
All Males	20,517	8.6	227,668	0.7	73	23,957	10.0	268,526	0.6	64	14,454	6.0	162,245	0.6	53
<b>Male, Disabled</b>															
All Ages	15,295	26.8	173,791	0.7	80	8,431	14.8	97,686	0.6	69	12,419	21.7	142,579	0.6	55
5 and younger	308	10.7	3,467	0.6	83	305	10.6	3,506	0.4	37	5	0.2	60	0.1	4
6-14	1,845	18.3	21,177	0.7	107	5,978	59.1	69,617	0.7	71	15	0.1	180	0.2	12
15-20	1,338	19.2	15,227	0.8	127	1,808	25.9	20,816	0.6	70	56	0.8	650	0.4	32
21-44	5,695	33.9	64,822	0.8	85	279	1.7	3,112	0.6	54	2,852	17.0	32,985	0.6	47
45-64	6,078	30.3	68,767	0.7	55	61	0.3	635	0.6	57	9,461	47.2	108,380	0.7	58
65-74	29	15.1	307	0.9	39	0	0.0	0	0.0	0	30	15.6	324	0.8	63
75-84	2	3.4	24	1.0	9	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>															
All Ages	5,222	2.9	53,877	0.5	54	15,526	8.5	170,840	0.6	61	2,035	1.1	19,666	0.5	38
5 and younger	328	0.5	3,628	0.4	46	927	1.4	10,304	0.3	31	68	0.1	679	0.1	6
6-14	1,419	2.0	15,870	0.5	71	12,129	17.5	134,066	0.6	63	41	0.1	486	0.3	19
15-20	1,077	3.5	11,349	0.5	66	2,373	7.7	25,568	0.6	66	78	0.3	780	0.3	23
21-44	1,930	14.6	18,362	0.5	36	84	0.6	784	0.4	48	1,108	8.4	10,629	0.4	37
45-64	431	18.1	4,292	0.5	41	13	0.5	118	0.6	57	704	29.5	6,730	0.6	47
65-74	11	9.0	108	0.8	49	0	0.0	0	0.0	0	17	13.9	183	0.5	53
75-84	13	5.6	149	0.6	19	0	0.0	0	0.0	0	9	3.9	97	0.6	50
85 and older	13	4.7	119	0.8	28	0	0.0	0	0.0	0	10	3.6	82	0.5	36
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.  
 a. Table ND.7B includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. 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 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare &

Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

Nondual Medicaid Beneficiaries

TABLE ND.7C  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,  
 BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, KENTUCKY, 2007

Beneficiary Characteristics	ANTI-DIABETIC					ANTI-DEPRESSANTS					DERMATOLOGICAL				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month
<b>All</b>	<b>37,265</b>	<b>6.7</b>	<b>413,391</b>	<b>0.6</b>	<b>\$51</b>	<b>99,110</b>	<b>17.9</b>	<b>1,076,933</b>	<b>0.5</b>	<b>\$16</b>	<b>176,729</b>	<b>31.9</b>	<b>1,949,857</b>	<b>0.2</b>	<b>\$9</b>
<b>Female</b>															
All Females	25,232	8.0	280,443	0.6	50	72,472	23.1	782,717	0.4	16	107,191	34.1	1,179,685	0.2	9
<b>Female, Disabled</b>															
All Ages	19,427	32.3	223,946	0.7	53	38,046	63.2	438,865	0.5	21	26,601	44.2	311,025	0.2	16
5 and younger	15	0.8	164	0.8	74	21	1.2	252	0.4	6	1,100	61.0	12,879	0.1	4
6-14	102	2.2	1,215	0.7	72	695	15.0	8,038	0.5	11	2,581	55.6	30,527	0.2	8
15-20	242	6.2	2,818	0.5	49	1,315	34.0	14,956	0.4	14	1,595	41.2	18,576	0.1	8
21-44	4,070	20.2	47,143	0.6	47	13,733	68.3	158,945	0.5	18	8,097	40.2	94,910	0.2	15
45-64	14,864	50.8	171,265	0.7	54	22,154	75.7	255,392	0.6	23	13,106	44.8	152,952	0.2	21
65-74	127	35.8	1,257	0.9	62	124	34.9	1,234	0.7	27	110	31.0	1,037	0.3	18
75-84	7	8.6	84	0.7	39	4	4.9	48	1.0	14	10	12.3	120	0.2	2
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	5.9	24	0.1	1
<b>Female, Other Eligibles</b>															
All Ages	5,805	2.3	56,497	0.5	39	34,426	13.6	343,852	0.3	11	80,590	31.7	868,660	0.1	7
5 and younger	16	0.0	152	0.8	83	104	0.2	1,185	0.3	7	27,634	44.0	297,886	0.1	4
6-14	410	0.6	4,488	0.6	74	2,365	3.4	26,350	0.4	8	24,669	36.0	277,796	0.1	7
15-20	672	1.7	6,958	0.5	41	5,642	13.9	58,940	0.3	8	11,850	29.2	127,892	0.1	9
21-44	3,754	4.9	35,893	0.5	34	23,973	31.3	234,630	0.3	11	15,103	19.7	151,278	0.1	11
45-64	884	19.3	8,300	0.6	39	2,284	49.7	22,166	0.5	18	1,069	23.3	10,960	0.2	17
65-74	37	23.6	405	0.7	43	20	12.7	220	0.5	14	33	21.0	352	0.5	10
75-84	25	8.3	243	0.4	17	20	6.6	198	0.6	20	110	36.4	1,184	0.3	5
85 and older	7	1.7	58	0.4	13	18	4.4	163	0.7	12	122	30.0	1,312	0.4	4
<b>Male</b>															
All Males	12,033	5.0	132,948	0.7	52	26,638	11.1	294,216	0.5	15	69,538	29.0	770,172	0.1	8
<b>Male, Disabled</b>															
All Ages	9,939	17.4	112,523	0.7	51	17,922	31.4	203,513	0.5	17	17,052	29.9	197,952	0.2	11
5 and younger	6	0.2	70	0.5	46	62	2.2	730	0.4	7	1,468	51.0	16,949	0.1	5
6-14	128	1.3	1,475	0.7	78	1,738	17.2	20,153	0.5	11	3,871	38.3	45,784	0.1	6
15-20	178	2.5	2,030	0.6	65	1,645	23.6	18,689	0.5	13	2,240	32.1	26,104	0.2	9
21-44	2,076	12.4	23,536	0.6	50	6,155	36.6	69,686	0.5	17	4,027	24.0	46,768	0.2	12
45-64	7,523	37.5	85,114	0.7	51	8,293	41.3	93,991	0.6	19	5,393	26.9	61,800	0.2	17
65-74	26	13.5	284	0.7	38	29	15.1	264	0.7	15	45	23.4	463	0.2	9
75-84	2	3.4	14	0.4	16	0	0.0	0	0.0	0	5	8.5	60	0.3	7
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	3	14.3	24	0.2	2
<b>Male, Other Eligibles</b>															
All Ages	2,094	1.1	20,425	0.6	57	8,716	4.8	90,703	0.4	10	52,486	28.7	572,220	0.1	6
5 and younger	35	0.1	369	0.4	42	125	0.2	1,449	0.3	5	25,244	37.9	270,783	0.1	4
6-14	360	0.5	4,042	0.7	77	2,783	4.0	31,359	0.4	9	17,628	25.5	198,674	0.1	6
15-20	273	0.9	2,760	0.7	98	2,261	7.4	23,853	0.4	10	7,305	23.8	79,592	0.1	11
21-44	841	6.4	7,678	0.5	43	2,838	21.5	27,050	0.3	11	1,672	12.7	16,604	0.2	15
45-64	526	22.1	5,024	0.6	44	659	27.6	6,550	0.4	14	406	17.0	4,096	0.2	21
65-74	21	17.2	219	0.6	42	15	12.3	147	0.5	12	37	30.3	392	0.5	7
75-84	18	7.7	183	0.7	34	18	7.7	168	0.7	25	81	34.8	929	0.3	3
85 and older	20	7.3	150	0.5	29	17	6.2	127	0.6	15	113	41.1	1,150	0.2	3
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.  
 a. Table ND.7C includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. 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 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare &

Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

Nondual Medicaid Beneficiaries

TABLE ND.7D  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR NINTH AND TENTH TOP DRUG GROUPS  
 SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, KENTUCKY, 2007

Beneficiary Characteristics	ANALGESICS - Narcotic						ULCER DRUGS					
	Number of Users	Users as % of All Benes Among Users	Number of Benefit Months	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes Among Users	Number of Benefit Months	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Beneficiaries	Number of Benefit Months
<b>All</b>	<b>209,759</b>	<b>37.9</b>	<b>2,215,899</b>	<b>0.3</b>	<b>\$7</b>	<b>91,384</b>	<b>16.5</b>	<b>1,001,507</b>	<b>0.4</b>	<b>\$14</b>	<b>554,018</b>	<b>5,206,119</b>
<b>Female</b>												
All Females	147,690	47.0	1,546,609	0.3	7	61,019	19.4	667,102	0.4	14	314,158	2,899,369
<b>Female, Disabled</b>												
All Ages	54,434	90.5	629,821	0.3	12	31,213	51.9	362,990	0.5	18	60,177	650,728
5 and younger	147	8.2	1,738	0.1	1	296	16.4	3,207	0.3	24	1,803	19,165
6-14	658	14.2	7,747	0.1	1	572	12.3	6,747	0.3	23	4,642	52,515
15-20	1,911	49.3	22,266	0.2	2	864	22.3	10,028	0.3	11	3,873	42,337
21-44	22,151	110.1	257,197	0.3	9	9,712	48.3	113,569	0.4	15	20,118	220,520
45-64	29,415	100.5	339,357	0.4	15	19,618	67.0	227,826	0.5	20	29,271	311,863
65-74	148	41.7	1,470	0.5	22	135	38.0	1,427	0.5	17	355	3,177
75-84	2	2.5	24	1.2	9	14	17.3	162	0.7	17	81	844
85 and older	2	5.9	22	0.1	5	2	5.9	24	0.5	11	34	307
<b>Female, Other Eligibles</b>												
All Ages	93,256	36.7	916,788	0.2	4	29,806	11.7	304,112	0.2	8	253,981	2,248,641
5 and younger	1,851	2.9	20,581	0.1	1	2,791	4.4	26,849	0.2	11	62,747	571,029
6-14	6,295	9.2	70,534	0.1	1	4,512	6.6	50,873	0.2	7	68,571	686,663
15-20	17,529	43.2	178,398	0.1	2	5,875	14.5	62,304	0.2	5	40,618	361,859
21-44	63,957	83.5	611,931	0.2	5	14,953	19.5	147,141	0.3	9	76,587	586,979
45-64	3,555	77.4	34,669	0.3	8	1,557	33.9	15,673	0.4	16	4,592	36,493
65-74	28	17.8	315	0.4	7	42	26.8	468	0.6	16	157	1,127
75-84	22	7.3	196	0.3	4	42	13.9	449	0.5	20	302	2,190
85 and older	19	4.7	164	1.0	12	34	8.4	355	0.8	18	407	2,301
<b>Male</b>												
All Males	62,069	25.9	669,290	0.3	8	30,365	12.7	334,405	0.4	14	239,859	2,306,738
<b>Male, Disabled</b>												
All Ages	32,659	57.2	370,613	0.3	11	17,219	30.2	197,804	0.5	17	57,103	603,059
5 and younger	296	10.3	3,451	0.1	1	438	15.2	4,828	0.4	31	2,879	30,728
6-14	1,251	12.4	14,786	0.1	1	980	9.7	11,504	0.3	18	10,109	114,701
15-20	2,351	33.7	27,123	0.2	2	1,043	14.9	12,058	0.3	12	6,982	75,491
21-44	12,513	74.5	142,412	0.3	9	5,183	30.9	60,031	0.5	16	16,798	177,155
45-64	16,189	80.7	182,286	0.4	16	9,517	47.4	108,786	0.6	18	20,063	202,618
65-74	57	29.7	536	0.4	13	44	22.9	445	0.6	19	192	1,612
75-84	2	3.4	19	0.3	3	11	18.6	116	0.5	15	59	564
85 and older	0	0.0	0	0.0	0	3	14.3	36	0.5	16	21	190
<b>Male, Other Eligibles</b>												
All Ages	29,410	16.1	298,677	0.2	4	13,146	7.2	136,601	0.2	10	182,756	1,703,679
5 and younger	2,588	3.9	28,578	0.1	1	3,373	5.1	32,399	0.2	12	66,620	604,173
6-14	6,128	8.8	68,869	0.1	1	3,759	5.4	42,392	0.2	8	69,247	692,216
15-20	8,110	26.4	85,149	0.1	1	2,899	9.4	31,465	0.2	6	30,689	284,031
21-44	10,782	81.8	98,592	0.3	8	2,340	17.7	22,760	0.3	13	13,186	99,495
45-64	1,758	73.7	17,080	0.3	10	672	28.2	6,472	0.5	16	2,384	18,696
65-74	15	12.3	151	0.4	8	20	16.4	225	0.5	10	122	925
75-84	16	6.9	154	0.7	18	34	14.6	380	0.6	17	233	1,842
85 and older	13	4.7	104	0.5	11	49	17.8	508	0.6	19	275	2,301
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>1</b>	<b>12</b>

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.  
 a. Table ND.7D includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. 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 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare &



Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy; \$ = Medicaid reimbursement.

Nondual Medicaid Beneficiaries

**TABLE ND.8**  
**MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,**  
**BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>**  
**NONDUAL BENEFICIARIES, KENTUCKY, 2007**

Beneficiary Characteristics	Rx \$ per Benefit Month	Number of Rx per Benefit Month	Number of All-Year Nursing Facility Residents	Benefit Months Among All-Year Nursing Facility Residents
<b>All</b>	<b>\$519</b>	<b>9.0</b>	<b>1,311</b>	<b>13,665</b>
<b>Age</b>				
0-64	725	12.2	872	9,160
65-74	353	5.5	64	676
75-84	76	2.2	150	1,612
85 and older	41	1.7	225	2,217
Unknown	0	0.0	0	0
<b>Gender</b>				
Female	553	9.6	715	7,481
Male	478	8.3	596	6,184
Unknown	0	0.0	0	0
<b>Race</b>				
White	481	8.7	1,016	10,464
African American	524	8.8	167	1,791
Other/unknown	796	11.6	128	1,410
<b>Basis of Eligibility<sup>c</sup></b>				
Aged	66	2.1	397	4,079
Disabled	714	12.0	896	9,547
Adults	125	3.1	16	25
Children	530	12.1	2	14
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2007 Medicaid enrollment. A total of 3,140 beneficiaries who were in nursing facilities for part of their enrollment and their 31,843 benefit months were excluded from the analysis. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

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

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

Nondual Medicaid Beneficiaries

**TABLE ND.9**  
**MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,**  
**BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a, b, c, d, e</sup>**  
**NONDUAL BENEFICIARIES, KENTUCKY, 2007**

Therapeutic Category	Number of Rx per Benefit Month Among Users				\$ per Benefit Month Among Users				\$ per Rx				Users				
	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months
Anti-infective Agents	0.6	0.2	0.0	0.4	\$68	\$52	\$2	\$14	\$106	\$267	\$142	\$33	4,892	\$517,474	699	53.3	7,644
Biologicals	1.6	1.6	0.0	0.0	1,475	1,475	0	0	939	939	0	0	22	20,653	2	0.2	14
Antineoplastic Agents	0.7	0.1	0.0	0.6	103	42	0	60	152	351	112	109	389	58,979	56	4.3	573
Endocrine/Metabolic Drugs	1.6	0.7	0.0	0.9	100	82	2	16	62	120	77	18	8,994	559,408	524	40.0	5,580
Cardiovascular Agents	2.4	0.5	0.1	1.9	77	43	6	27	31	90	73	14	17,402	544,437	666	50.8	7,110
Respiratory Agents	1.1	0.4	0.0	0.7	63	46	4	14	56	123	76	19	8,076	452,220	659	50.3	7,163
Gastrointestinal Agents	1.3	0.2	0.0	1.1	55	29	3	23	41	120	137	21	9,802	403,228	668	51.0	7,271
Genitourinary Agents	0.8	0.3	0.0	0.5	47	24	2	20	56	90	87	38	2,540	142,585	274	20.9	3,016
CNS Drugs	2.4	0.6	0.0	1.8	152	125	1	27	63	199	31	15	23,875	1,495,575	913	69.6	9,848
Stimulants/Anti-obesity/Anorexia	1.1	0.2	0.0	0.9	33	16	0	16	29	66	0	19	191	5,527	17	1.3	169
Miscellaneous Psychological/Neurological Agents	1.0	1.0	0.0	0.0	265	265	0	0	264	264	0	0	1,090	287,600	101	7.7	1,084
Analgesics and Anesthetics	1.5	0.1	0.1	1.3	49	3	26	20	32	40	202	15	10,169	325,735	613	46.8	6,586
Neuromuscular Agents	2.4	0.7	0.0	1.7	180	118	2	60	75	178	112	35	18,065	1,353,244	680	51.9	7,502
Nutritional Products	0.9	0.0	0.0	0.9	21	0	0	21	24	21	16	24	4,380	103,727	457	34.9	4,898
Hematological Agents	1.2	0.4	0.0	0.8	99	89	0	10	82	246	17	12	6,575	539,470	511	39.0	5,461
Topical Products	0.7	0.2	0.0	0.5	29	15	1	13	41	97	64	24	4,994	205,825	647	49.4	7,165
Miscellaneous Products	0.5	0.1	0.0	0.4	26	19	0	7	50	136	0	17	1,245	61,766	225	17.2	2,415
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	30	0	0	0	97	0	0	0	181	17,528	55	4.2	581
<b>TOTAL NO. OF RX AND RX \$</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>122,882</b>	<b>7,094,981</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

a. Table ND.9 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 3,140 beneficiaries who were in nursing facilities for part of their enrollment and their 31,843 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 2007. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. For information about these therapeutic categories, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

e. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. For information about this classification method, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

In Kentucky, 0.6 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 = Centers for Medicare & Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

Nondual Medicaid Beneficiaries

TABLE ND.10  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY TOP-10 DRUG GROUP<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, KENTUCKY, 2007

Top 10 Drug Groups in Nursing Facilities	Users				Among Users			
	Total Medicaid Rx \$	Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month	
ANTIPSYCHOTICS	\$1,092,510	497	37.9	5,535	0.9	\$215	\$197	
ANTICONVULSANT	1,019,397	850	64.8	9,474	1.4	76	108	
ANTIDIABETIC	419,520	665	50.7	7,234	1.0	58	58	
ANTIASTHMATIC	327,801	716	54.6	7,713	0.7	63	42	
ULCER DRUGS	305,365	776	59.2	8,558	0.8	47	36	
ANTIDEPRESSANTS	295,393	823	62.8	8,789	0.9	39	34	
ANALGESICS - Narcotic	291,759	689	52.6	7,314	1.1	35	40	
MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL	287,600	134	10.2	1,430	0.8	264	201	
ANTIHYPERTENSIVE	258,489	363	27.7	4,078	0.8	77	63	
ANTICOAGULANTS	227,726	330	25.2	3,453	0.9	72	66	
Total	4,525,560	5,843	n.a.	63,578	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

- a. Table ND.10 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 3,140 beneficiaries who were in nursing facilities for part of their enrollment and their 31,843 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 2007. 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 2007 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.
- Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement; n.a. = not applicable.

Nondual Medicaid Beneficiaries

**TABLE ND.10A**  
**MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED AND FIRST**  
**AND SECOND TOP DRUG GROUPS SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>**  
**NONDUAL BENEFICIARIES, KENTUCKY, 2007**

Beneficiary Characteristics	All Top 10 Drug Groups			ANTIPSYCHOTICS				ANTICONVULSANT				
	Number of Rx	Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
<b>All</b>	<b>60,761</b>	<b>\$4,525,560</b>	<b>497</b>	<b>37.9</b>	<b>5,535</b>	<b>0.9</b>	<b>\$197</b>	<b>850</b>	<b>64.8</b>	<b>9,474</b>	<b>1.4</b>	<b>\$108</b>
<b>Female</b>												
All Females	35,758	2,773,125	318	44.5	3,479	1.0	205	505	70.6	5,618	1.4	106
<b>Female, Disabled</b>												
All Ages	33,809	2,693,933	301	59.3	3,309	1.0	210	482	94.9	5,357	1.4	110
64 or younger	32,636	2,582,660	291	61.3	3,229	0.9	204	464	97.7	5,197	1.4	111
65-74	1,046	104,279	10	55.6	80	1.6	466	18	100.0	160	0.9	63
75-84	124	6,929	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	3	65	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>												
All Ages	1,949	79,192	17	8.2	170	0.9	114	23	11.1	261	1.3	27
64 or younger	133	3,166	2	15.4	6	0.3	11	2	15.4	24	2.3	67
65-74	408	21,120	2	10.0	24	1.3	280	4	20.0	48	1.2	67
75-84	643	33,512	8	10.8	80	1.2	147	10	13.5	105	1.2	12
85 and older	765	21,394	5	5.0	60	0.3	15	7	7.0	84	1.3	10
<b>Male</b>												
All Males	25,003	1,752,435	179	30.0	2,056	0.9	184	345	57.9	3,856	1.5	110
<b>Male, Disabled</b>												
All Ages	23,120	1,633,547	165	42.5	1,909	0.8	186	324	83.5	3,664	1.5	113
64 or younger	22,699	1,607,910	161	42.9	1,861	0.8	184	321	85.6	3,628	1.5	114
65-74	416	25,497	4	50.0	48	1.2	271	3	37.5	36	1.9	25
75-84	1	40	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	4	100	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>												
All Ages	1,883	118,888	14	6.7	147	1.0	158	21	10.1	192	1.0	55
64 or younger	185	17,411	2	22.2	24	1.1	276	3	33.3	15	2.2	239
65-74	342	20,937	5	27.8	53	1.0	161	4	22.2	41	0.6	62
75-84	710	45,357	4	6.1	45	1.1	140	5	7.6	60	0.8	26
85 and older	646	35,183	3	2.6	25	0.9	72	9	7.8	76	1.1	38
<b>Unknown</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

a. Table ND.10A includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 3,140 beneficiaries who were in nursing facilities for part of their enrollment and their 31,843 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 2007. 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 2007 Medicaid reimbursement for all-year nursing facility residents in this state.

For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic

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

**TABLE ND.10B**  
**MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY**  
**AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>**  
**NONDUAL BENEFICIARIES, KENTUCKY, 2007**

Beneficiary Characteristics	ANTIDIABETIC						ANTIASTHMATIC						ULCER DRUGS			
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	
<b>All</b>	<b>665</b>	<b>50.7</b>	<b>7,234</b>	<b>1.0</b>	<b>\$58</b>	<b>716</b>	<b>54.6</b>	<b>7,713</b>	<b>0.7</b>	<b>\$43</b>	<b>776</b>	<b>59.2</b>	<b>8,558</b>	<b>0.8</b>	<b>\$36</b>	
<b>Female</b>																
All Females	428	59.9	4,636	1.0	61	403	56.4	4,285	0.7	45	418	58.5	4,565	0.7	34	
<b>Female, Disabled</b>																
All Ages	403	79.3	4,412	1.0	63	372	73.2	3,957	0.7	46	364	71.7	3,980	0.8	35	
64 or younger	377	79.4	4,160	1.0	61	353	74.3	3,817	0.7	45	348	73.3	3,827	0.8	36	
65-74	22	122.2	204	1.5	116	18	100.0	128	0.6	63	11	61.1	96	0.7	30	
75-84	4	44.4	48	0.5	47	1	11.1	12	1.1	167	4	44.4	45	0.8	23	
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	16.7	12	0.3	5	
<b>Female, Other Eligibles</b>																
All Ages	25	12.1	224	0.6	22	31	15.0	328	0.7	29	54	26.1	585	0.7	22	
64 or younger	2	15.4	6	1.3	36	2	15.4	24	1.8	15	3	23.1	17	0.4	26	
65-74	7	35.0	84	0.9	40	5	25.0	60	0.5	26	10	50.0	120	0.9	24	
75-84	11	14.9	100	0.3	6	12	16.2	124	0.8	32	20	27.0	229	0.6	25	
85 and older	5	5.0	34	0.6	21	12	12.0	120	0.6	29	21	21.0	219	0.8	19	
<b>Male</b>																
All Males	237	39.8	2,598	1.0	53	313	52.5	3,428	0.6	40	358	60.1	3,993	0.8	38	
<b>Male, Disabled</b>																
All Ages	206	53.1	2,312	1.0	53	287	74.0	3,190	0.6	39	302	77.8	3,402	0.8	41	
64 or younger	202	53.9	2,264	1.0	54	277	73.9	3,070	0.6	39	297	79.2	3,342	0.8	41	
65-74	4	50.0	48	0.8	11	10	125.0	120	1.1	51	3	37.5	36	0.9	18	
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	100.0	12	0.1	3	
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	25.0	12	0.3	8	
<b>Male, Other Eligibles</b>																
All Ages	31	14.9	286	0.8	47	26	12.5	238	0.6	43	56	26.9	591	0.8	22	
64 or younger	1	11.1	10	1.7	141	1	11.1	12	0.6	54	2	22.2	14	1.1	40	
65-74	5	27.8	60	1.0	52	5	27.8	39	0.2	5	6	33.3	71	0.9	18	
75-84	12	18.2	138	0.8	43	9	13.6	93	0.6	57	19	28.8	207	0.8	21	
85 and older	13	11.3	78	0.7	38	11	9.6	94	0.6	44	29	25.2	299	0.7	24	
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

a. Table ND.10B includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 3,140 beneficiaries who were in nursing facilities for part of their enrollment and their 31,843 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 2007. 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 2007 Medicaid reimbursement for all-year nursing facility residents in this state.

For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic

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

TABLE ND.10C  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY  
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, KENTUCKY, 2007

Beneficiary Characteristics	ANTIDEPRESSANTS					ANALGESICS - Narcotic					MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL				
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
<b>All</b>	<b>823</b>	<b>62.8</b>	<b>8,789</b>	<b>0.9</b>	<b>\$34</b>	<b>689</b>	<b>52.6</b>	<b>7,314</b>	<b>1.1</b>	<b>\$40</b>	<b>134</b>	<b>10.2</b>	<b>1,430</b>	<b>0.8</b>	<b>\$201</b>
<b>Female</b>															
All Females	517	72.3	5,572	0.9	34	409	57.2	4,329	1.1	28	76	10.6	819	0.7	255
<b>Female, Disabled</b>															
All Ages	487	95.9	5,314	0.9	34	380	74.8	4,092	1.1	30	54	10.6	611	0.7	319
64 or younger	465	97.9	5,115	0.9	34	370	77.9	4,016	1.1	30	47	9.9	533	0.7	347
65-74	21	116.7	187	0.7	37	9	50.0	64	1.0	10	7	38.9	78	0.7	129
75-84	1	11.1	12	1.0	13	1	11.1	12	2.1	14	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>															
All Ages	30	14.5	258	0.7	20	29	14.0	237	0.9	10	22	10.6	208	0.6	65
64 or younger	8	61.5	20	0.7	21	3	23.1	8	0.6	8	0	0.0	0	0.0	0
65-74	3	15.0	36	1.2	37	2	10.0	24	1.1	8	1	5.0	12	0.3	40
75-84	7	9.5	74	0.6	29	9	12.2	79	0.5	4	7	9.5	70	0.6	82
85 and older	12	12.0	128	0.6	10	15	15.0	126	1.2	14	14	14.0	126	0.6	58
<b>Male</b>															
All Males	306	51.3	3,217	0.8	34	280	47.0	2,985	1.2	57	58	9.7	611	0.9	130
<b>Male, Disabled</b>															
All Ages	271	69.8	2,937	0.9	35	256	66.0	2,780	1.3	60	34	8.8	383	0.9	132
64 or younger	268	71.5	2,901	0.9	35	254	67.7	2,767	1.3	60	33	8.8	371	0.9	131
65-74	3	37.5	36	0.9	23	2	25.0	13	0.2	2	1	12.5	12	1.1	174
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>															
All Ages	35	16.8	280	0.8	23	24	11.5	205	0.6	11	24	11.5	228	0.9	125
64 or younger	6	66.7	35	1.1	14	5	55.6	35	0.5	23	0	0.0	0	0.0	0
65-74	5	27.8	46	0.7	14	3	16.7	29	1.2	10	3	16.7	22	0.8	102
75-84	11	16.7	110	1.0	36	8	12.1	71	0.5	6	7	10.6	84	1.1	159
85 and older	13	11.3	89	0.6	15	8	7.0	70	0.4	10	14	12.2	122	0.7	106
<b>Unknown</b>	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

a. Table ND.10C includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 3,140 beneficiaries who were in nursing facilities for part of their enrollment and their 31,843 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 2007. 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 2007 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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

Nondual Medicaid Beneficiaries

TABLE ND.10D  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS  
 SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, KENTUCKY, 2007

Beneficiary Characteristics	ANTIHYPERTENSIVE					ANTICOAGULANTS					Benefit Months Among All-Year Nursing Facility Residents	
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	All-Year Nursing Facility Residents	Nursing Facility Residents
<b>All</b>	<b>363</b>	<b>27.7</b>	<b>4,078</b>	<b>0.8</b>	<b>\$63</b>	<b>330</b>	<b>25.2</b>	<b>3,453</b>	<b>0.9</b>	<b>\$66</b>	<b>1,311</b>	<b>13,665</b>
<b>Female</b>												
All Females	213	29.8	2,413	0.8	64	190	26.6	1,982	0.9	82	715	7,481
<b>Female, Disabled</b>												
All Ages	205	40.4	2,326	0.8	65	173	34.1	1,832	0.9	88	508	5,428
64 or younger	199	41.9	2,262	0.8	65	166	34.9	1,773	1.0	90	475	5,104
65-74	5	27.8	52	0.8	53	6	33.3	50	0.8	39	18	158
75-84	1	11.1	12	0.9	110	1	11.1	9	0.1	1	9	105
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	6	61
<b>Female, Other Eligibles</b>												
All Ages	8	3.9	87	0.9	44	17	8.2	150	0.5	5	207	2,053
64 or younger	0	0.0	0	0.0	0	1	7.7	2	0.5	4	13	33
65-74	2	10.0	24	1.3	58	2	10.0	24	0.1	1	20	230
75-84	3	4.1	35	0.9	54	7	9.5	66	0.2	4	74	775
85 and older	3	3.0	28	0.5	20	7	7.0	58	0.9	8	100	1,015
<b>Male</b>												
All Males	150	25.2	1,665	0.8	62	140	23.5	1,471	0.9	44	596	6,184
<b>Male, Disabled</b>												
All Ages	138	35.6	1,555	0.8	62	126	32.5	1,338	0.9	46	388	4,119
64 or younger	137	36.5	1,543	0.8	62	125	33.3	1,326	0.9	46	375	3,980
65-74	1	12.5	12	1.2	93	1	12.5	12	1.5	19	8	85
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	12
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	4	42
<b>Male, Other Eligibles</b>												
All Ages	12	5.8	110	0.8	62	14	6.7	133	0.7	32	208	2,065
64 or younger	1	11.1	10	0.1	1	3	33.3	24	1.2	138	9	43
65-74	2	11.1	24	0.7	76	3	16.7	36	0.9	9	18	203
75-84	5	7.6	54	1.0	76	2	3.0	23	0.1	1	66	720
85 and older	4	3.5	22	0.9	41	6	5.2	50	0.6	11	115	1,099
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

a. Table ND.10D includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 3,140 beneficiaries who were in nursing facilities for part of their enrollment and their 31,843 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 2007. 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 2007 Medicaid reimbursement for all-year nursing facility residents in this state.

For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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



**TABLE ND.11**  
**USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D**  
**AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>**  
**KENTUCKY, 2007**

Beneficiary Characteristics	Number of Beneficiaries with at Least One Part D Excluded Rx	Percentage of Beneficiaries with at Least One Part D Excluded Rx	Number of Part D Excluded Rx per Beneficiary	Total Number Part D Excluded Rx	Part D Excluded Rx \$ per Beneficiary	Total Part D Excluded Rx \$	\$ per Part D Excluded Rx	Part D Excluded Rx \$ as a Percentage of All Nondual Rx \$	Total Number of Beneficiaries	
<b>All</b>	<b>231,647</b>	<b>41.8</b>	<b>2.2</b>	<b>1,223,158</b>	<b>\$30</b>	<b>\$16,801,494</b>	<b>\$14</b>	<b>3.6</b>	<b>554,018</b>	
<b>Age</b>										
5 and younger	51,739	38.6	1.0	133,534	11	1,431,623	11	3.5	134,049	
6-14	58,257	38.2	1.0	152,441	12	1,890,224	12	2.3	152,569	
15-20	28,879	35.1	1.0	80,828	13	1,095,263	14	2.4	82,162	
21-44	54,859	43.3	2.7	343,252	40	5,095,216	15	4.0	126,689	
45-64	36,722	65.2	8.6	483,383	125	7,017,727	15	4.1	56,311	
65-74	438	53.0	9.3	7,717	98	80,752	10	7.3	826	
75-84	365	54.1	15.3	10,351	132	89,253	9	32.2	675	
85 and older	388	52.6	15.8	11,652	138	101,436	9	76.1	737	
Unknown	0	0.0	0.0	0	0	0	0	0.0	0	
<b>Basis of Eligibility<sup>c</sup></b>										
Aged	789	51.9	15.3	23,278	134	204,168	9	33.2	1,521	
Disabled	68,191	58.1	6.2	728,294	90	10,597,849	15	3.5	117,281	
Adults	40,522	38.1	1.6	167,436	23	2,432,982	15	4.4	106,491	
Children	121,987	37.2	0.9	303,493	11	3,557,744	12	3.2	328,238	
Unknown	158	32.4	1.3	657	18	8,751	13	1.2	487	
<b>Gender</b>										
Female	139,656	44.5	2.5	783,705	35	10,933,346	14	3.9	314,158	
Male	91,991	38.4	1.8	439,453	24	5,868,148	13	3.1	239,859	
Unknown	0	0.0	0.0	0	0	0	0	0.0	1	
<b>Race</b>										
White	201,164	43.3	2.3	1,049,616	31	14,475,171	14	3.8	464,358	
African American	11,478	25.4	1.1	49,800	13	579,411	12	2.6	45,225	
Other/unknown	19,005	42.8	2.8	123,742	39	1,746,912	14	2.7	44,435	
<b>Use of Nursing Facilities<sup>d</sup></b>										
Entire year	1,259	96.0	45.0	59,058	454	594,588	10	8.4	1,311	
Part year	2,650	84.4	14.9	46,806	192	601,908	13	4.6	3,140	
None	227,738	41.4	2.0	1,117,294	28	15,604,998	14	3.5	549,567	
<b>Maintenance Assistance Status</b>										
Cash	128,636	50.1	3.6	917,945	51	13,097,841	14	3.6	256,693	
Medically needy	7,309	38.9	1.9	35,695	27	500,216	14	4.0	18,774	
Poverty related	78,001	33.4	0.8	182,064	9	2,138,453	12	3.1	233,280	
Other/unknown	17,701	39.1	1.9	87,454	24	1,064,984	12	3.6	45,271	

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

a. Table ND.11 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2007.

b. The statute establishing the Medicare Part D prescription program that started in 2007 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2007 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

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

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

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

**TABLE ND.12**  
**USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D**  
**AMONG NONDUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>**  
**KENTUCKY, 2007**

Beneficiary Characteristics	Number Rx per Benefit Month	Rx \$ per Benefit Month	\$ per Rx	Barbiturate \$ per Benefit Month	Benzodiazepine \$ per Benefit Month	Number of Benefit Months
<b>All</b>	<b>0.2</b>	<b>\$3</b>	<b>\$14</b>	<b>\$0</b>	<b>\$1</b>	<b>5,206,119</b>
<b>Age</b>						
5 and younger	0.1	1	11	0	0	1,225,095
6-14	0.1	1	12	0	0	1,546,095
15-20	0.1	1	14	0	0	763,718
21-44	0.3	5	15	0	1	1,084,149
45-64	0.8	12	15	0	2	569,682
65-74	1.1	12	10	0	2	6,841
75-84	1.9	16	9	0	2	5,440
85 and older	2.3	20	9	0	3	5,099
Unknown	0.0	0	0	0	0	0
<b>Basis of Eligibility<sup>c</sup></b>						
Aged	2.1	19	9	0	3	10,843
Disabled	0.6	8	15	0	2	1,253,799
Adults	0.2	3	15	0	1	814,188
Children	0.1	1	12	0	0	3,125,494
Unknown	0.4	5	13	0	1	1,795
<b>Gender</b>						
Female	0.3	4	14	0	1	2,899,369
Male	0.2	3	13	0	0	2,306,738
Unknown	0.0	0	0	0	0	12
<b>Race</b>						
White	0.2	3	14	0	1	4,362,016
African American	0.1	1	12	0	0	407,969
Other/unknown	0.3	4	14	0	1	436,134
<b>Use of Nursing Facilities<sup>d</sup></b>						
Entire year	4.3	44	10	1	6	13,665
Part year	1.5	19	13	0	4	31,843
None	0.2	3	14	0	0	5,160,611
<b>Maintenance Assistance Status</b>						
Cash	0.4	5	14	0	1	2,587,402
Medically needy	0.3	4	14	0	1	136,973
Poverty related	0.1	1	12	0	0	2,062,365
Other/unknown	0.2	3	12	0	0	419,379

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

a. Table ND.12 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2007.

b. The statute establishing the Medicare Part D prescription program that started in 2007 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2007 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

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

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

TABLE ND.13  
USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D FOR SELECTED DRUG CATEGORIES AMONG NONDUALS<sup>a,b,c</sup>  
KENTUCKY, 2007

Drug Category	Number of Users	Rx \$ per User	Total Rx \$	Rx \$ as a Percentage of All Part D Excluded Rx \$	Total Number Rx.	\$ per Rx	Number Rx as a Percentage of All Part D Excluded Rx
<b>All</b>	<b>325,024</b>	<b>\$52</b>	<b>\$16,801,494</b>	<b>100.0</b>	<b>1,223,158</b>	<b>\$14</b>	<b>100.0</b>
Anorexia or weight loss/gain	0	0	0	0.0	0	0	0.0
Fertility drugs	1	105	105	0.0	1	105	0.0
Drugs for cosmetic purposes	262	16	4,256	0.0	384	11	0.0
Cough and cold medications	94,245	29	2,692,491	16.0	155,293	17	12.7
Vitamins and minerals	12,402	106	1,319,550	7.9	72,292	18	5.9
Non-prescription drugs	162,911	54	8,857,485	52.7	672,952	13	55.0
Barbiturates	1,493	64	95,896	0.6	14,099	7	1.2
Benzodiazepines	42,120	64	2,715,164	16.2	265,713	10	21.7
Other Part D Excl Rx Drugs	11,590	96	1,116,547	6.6	42,424	26	3.5

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

a. Table ND.13 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2007. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2007. A beneficiary who used drugs from two or more Part D excluded categories was counted as a user for each category. Therefore, the sum of users across drug categories may exceed the total number of individual users as noted on Table ND11.

b. Includes OTC drugs as well as prescription drugs.

c. The statute establishing the Medicare Part D prescription program that started in 2007 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2007 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

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

Nondual Medicaid Beneficiaries

**APPENDIX TABLE A.1**  
**CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY<sup>a, b</sup>**  
**NONDUAL BENEFICIARIES, KENTUCKY, 2007**

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Blind/ Disabled	Adults	Children	Other/ Unknown	All	Aged	Blind/ Disabled	Adults	Children	Other/ Unknown
<b>All</b>	<b>706,702</b>	<b>1,684</b>	<b>141,187</b>	<b>133,051</b>	<b>430,292</b>	<b>488</b>	<b>6,701,016</b>	<b>12,637</b>	<b>1,528,108</b>	<b>1,025,161</b>	<b>4,133,290</b>	<b>1,820</b>
<b>Age</b>												
5 and younger	177,717	1	6,355	29	171,332	0	1,643,108	3	68,410	185	1,574,510	0
6-14	200,398	0	19,796	25	180,577	0	2,045,937	0	227,207	151	1,818,579	0
15-20	105,393	0	13,986	13,827	77,575	5	991,323	0	155,391	101,525	734,397	10
21-44	155,058	0	42,894	111,097	759	308	1,330,192	0	465,621	858,232	5,437	902
45-64	65,622	28	57,302	8,069	49	174	669,996	166	603,494	65,064	367	905
65-74	1,007	363	639	4	0	1	8,835	2,996	5,832	4	0	3
75-84	754	594	160	0	0	0	6,320	4,668	1,652	0	0	0
85 and older	753	698	55	0	0	0	5,305	4,804	501	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Gender</b>												
Female	401,247	971	71,784	115,244	212,760	488	3,733,744	6,694	785,063	890,523	2,049,644	1,820
Male	305,454	713	69,402	17,807	217,532	0	2,967,260	5,943	743,033	134,638	2,083,646	0
Unknown	1	0	1	0	0	0	12	0	12	0	0	0
<b>Race</b>												
White	551,088	1,286	97,263	110,359	341,725	455	5,199,173	9,156	1,043,939	859,435	3,284,990	1,653
African American	94,251	172	12,516	17,627	63,910	26	896,523	1,355	133,061	141,272	620,711	124
Other/unknown	61,363	226	31,408	5,065	24,657	7	605,320	2,126	351,108	24,454	227,589	43
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	1,321	397	905	17	2	0	13,801	4,079	9,681	27	14	0
Part year	3,493	211	2,701	557	22	2	36,792	2,013	29,228	5,319	212	20
None	701,888	1,076	137,581	132,477	430,268	486	6,650,423	6,545	1,489,199	1,019,815	4,133,064	1,800
<b>Maintenance Assistance Status</b>												
Cash	318,147	397	136,523	64,207	117,020	0	3,228,279	3,909	1,497,289	549,239	1,177,842	0
Medically needy	22,225	253	2,760	13,017	6,195	0	169,440	1,782	12,242	95,267	60,149	0
Poverty related	307,809	23	50	35,776	271,472	488	2,752,998	204	272	217,897	2,532,805	1,820
Other/unknown	58,521	1,011	1,854	20,051	35,605	0	550,299	6,742	18,305	162,758	362,494	0
<b>Managed Care (MC) Status</b>												
Fee-for-service (FFS) all year	544,399	1,507	115,251	104,281	322,878	482	5,172,856	10,787	1,244,169	808,907	3,107,213	1,780
FFS part year, with Rx claims	3,064	6	1,171	430	1,452	5	33,501	65	13,431	4,044	15,924	37
FFS part year, no Rx claims	6,555	8	859	1,780	3,908	0	58,228	68	7,892	13,758	36,510	0
MC all year, with Rx claims	235	0	61	76	98	0	2,172	0	628	619	925	0
MC all year, no Rx claims	152,449	163	23,845	26,484	101,956	1	1,434,259	1,717	261,988	197,833	972,718	3

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

- a. Table A.1 includes the beneficiaries represented by Cell J of Table 1. Benefit months are months during which beneficiaries had pharmacy benefit coverage.
- b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.
- c. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.  
 Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; MC = managed care; Rx = pharmacy benefit.

**APPENDIX TABLE A.2**  
**MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS<sup>a</sup>**  
**NONDUAL BENEFICIARIES, KENTUCKY, 2007**

	Beneficiaries and Benefit Months in Cell J of Table 1		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months
<b>All</b>	<b>706,702</b>	<b>6,701,016</b>	<b>554,018</b>	<b>5,206,119</b>	<b>0</b>	<b>1,494,897</b>
Fee-for-service (FFS) all year	544,399	5,172,856	544,399	5,172,856	0	0
FFS part year, with Rx claims	3,064	33,501	3,064	18,080	0	15,421
FFS part year, with no Rx claims	6,555	58,228	6,555	15,183	0	43,045
Managed care (MC) all year, with Rx claims	235	2,172	0	0	0	2,172
MC all year, with no Rx claims	152,449	1,434,259	0	0	0	1,434,259

Source: Data for this table are from the MAX 2007 file for Kentucky, released by CMS in 5/2010. This table was produced on 03/10/2011.

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

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

Nondual Medicaid Beneficiaries