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**STATISTICAL COMPENDIUM:  
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2005  
MASSACHUSETTS**

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TABLE ND.2  
CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY<sup>a, b</sup>  
NONDUAL BENEFICIARIES, MASSACHUSETTS, 2005

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>570,863</b>	<b>13,331</b>	<b>115,931</b>	<b>154,153</b>	<b>287,448</b>	<b>0</b>	<b>4,542,720</b>	<b>136,435</b>	<b>1,226,008</b>	<b>1,088,655</b>	<b>2,091,622</b>	<b>0</b>
<b>Age</b>												
5 and younger	102,734	2	3,517	0	99,215	0	649,944	24	33,607	0	616,313	0
6-14	135,251	2	11,490	0	123,759	0	1,102,837	17	125,806	0	977,014	0
15-20	86,396	1	10,524	11,423	64,448	0	689,830	12	112,116	79,512	498,190	0
21-44	156,265	2	38,275	117,967	21	0	1,221,147	20	402,369	818,664	94	0
45-64	76,891	6	52,125	24,755	5	0	742,608	56	552,110	190,431	11	0
65-74	7,337	7,329	0	8	0	0	76,390	76,342	0	48	0	0
75-84	4,122	4,122	0	0	0	0	42,806	42,806	0	0	0	0
85 and older	1,867	1,867	0	0	0	0	17,158	17,158	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Gender</b>												
Female	324,840	8,678	59,865	114,364	141,933	0	2,575,586	88,834	640,267	815,611	1,030,874	0
Male	246,023	4,653	56,066	39,789	145,515	0	1,967,134	47,601	585,741	273,044	1,060,748	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Race</b>												
White	242,363	5,254	84,270	57,451	95,388	0	2,140,105	53,863	914,848	423,272	748,122	0
African American	56,154	1,568	10,247	14,539	29,800	0	427,837	16,725	109,939	96,172	205,001	0
Other/unknown	272,346	6,509	21,414	82,163	162,260	0	1,974,778	65,847	201,221	569,211	1,138,499	0
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	2,523	1,178	1,337	3	5	0	26,209	11,444	14,681	26	58	0
Part year	3,331	645	2,500	125	61	0	33,685	5,789	26,274	1,126	496	0
None	565,009	11,508	112,094	154,025	287,382	0	4,482,826	119,202	1,185,053	1,087,503	2,091,068	0
<b>Maintenance Assistance Status</b>												
Cash	153,943	1,969	88,032	27,487	36,455	0	1,427,243	21,322	972,240	177,391	256,290	0
Medically needy	6,826	3,723	3,103	0	0	0	70,097	40,819	29,278	0	0	0
Poverty-related	248,414	1,744	16,753	0	229,917	0	1,827,124	14,373	149,999	0	1,662,752	0
Other/unknown	161,680	5,895	8,043	126,666	21,076	0	1,218,256	59,921	74,491	911,264	172,580	0
<b>Managed Care (MC) Status</b>												
Fee-for-service (FFS) all year	395,796	13,275	106,697	95,507	180,317	0	3,843,586	136,094	1,174,759	861,779	1,670,954	0
FFS part year, with Rx claims	72,949	46	6,430	28,063	38,410	0	388,668	282	40,957	141,538	205,891	0
FFS part year, no Rx claims	102,118	10	2,804	30,583	68,721	0	310,466	59	10,292	85,338	214,777	0

Source: Data for this table are from the MAX 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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, MASSACHUSETTS, 2005

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>56.5</b>	<b>9.6</b>	<b>\$681</b>	<b>\$71</b>	<b>\$5,228</b>	<b>13.0</b>	<b>570,863</b>
<b>Age</b>							
5 and younger	45.1	2.1	85	40	3,689	2.3	102,734
6-14	47.4	4.1	296	72	2,917	10.1	135,251
15-20	51.8	5.3	515	96	4,134	12.4	86,396
21-44	63.2	11.0	788	72	5,907	13.3	156,265
45-64	77.3	29.6	2,063	70	10,471	19.7	76,891
65-74	65.9	17.1	944	55	6,070	15.6	7,337
75-84	66.7	21.4	1,060	50	9,764	10.9	4,122
85 and older	71.8	30.6	1,141	37	21,907	5.2	1,867
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Basis of Eligibility<sup>e</sup></b>							
Aged	67.0	20.3	1,007	50	9,433	10.7	13,331
Disabled	81.2	29.3	2,405	82	14,212	16.9	115,931
Adults	57.9	6.7	324	49	2,789	11.6	154,153
Children	45.2	2.8	161	57	2,718	5.9	287,448
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Gender</b>							
Female	59.7	10.6	653	62	5,014	13.0	324,840
Male	52.2	8.4	717	85	5,510	13.0	246,023
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Race</b>							
White	66.2	15.2	1,082	71	7,239	14.9	242,363
African American	49.6	7.5	552	74	5,485	10.1	56,154
Other/unknown	49.2	5.2	349	68	3,385	10.3	272,346
<b>Use of Nursing Facilities<sup>f</sup></b>							
Entire year	90.2	71.9	4,186	58	75,183	5.6	2,523
Part year	93.2	59.9	4,028	67	56,958	7.1	3,331
None	56.1	9.1	645	71	4,611	14.0	565,009
<b>Maintenance Assistance Status</b>							
Cash	69.6	19.9	1,528	77	9,941	15.4	153,943
Medically needy	73.0	19.5	1,210	62	9,971	12.1	6,826
Poverty related	47.2	4.4	286	64	3,390	8.4	248,414
Other/unknown	57.5	7.4	458	62	3,364	13.6	161,680

Source: Data for this table are from the MAX 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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, TX, UT, 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, TX, UT, 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, MASSACHUSETTS, 2005

Beneficiary Characteristics	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>	Number	
				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		Beneficiaries	Benefit Months
<b>All</b>	<b>1.2</b>	<b>\$86</b>	<b>13.0</b>	<b>43.5</b>	<b>37.2</b>	<b>7.1</b>	<b>8.3</b>	<b>3.2</b>	<b>0.6</b>	<b>\$657</b>	<b>570,863</b>	<b>4,542,720</b>
<b>Age</b>												
5 and younger	0.3	14	2.3	54.9	41.0	2.7	1.3	0.1	0.0	583	102,734	649,944
6-14	0.5	36	10.1	52.6	38.8	4.5	3.5	0.5	0.0	358	135,251	1,102,837
15-20	0.7	64	12.4	48.2	40.1	6.0	4.7	1.0	0.1	518	86,396	689,830
21-44	1.4	101	13.3	36.8	38.7	9.8	10.7	3.4	0.6	756	156,265	1,221,147
45-64	3.1	214	19.7	22.7	24.7	12.4	24.0	13.1	3.1	1,084	76,891	742,608
65-74	1.6	91	15.6	34.1	32.1	11.8	15.3	5.5	1.2	583	7,337	76,390
75-84	2.1	102	10.9	33.3	26.0	11.8	18.4	8.3	2.2	940	4,122	42,806
85 and older	3.3	124	5.2	28.2	16.2	10.3	22.5	18.6	4.1	2,384	1,867	17,158
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Basis of Eligibility<sup>e</sup></b>												
Aged	2.0	98	10.7	33.0	28.0	11.6	17.3	8.2	1.9	922	13,331	136,435
Disabled	2.8	227	16.9	18.8	28.9	13.3	24.2	12.1	2.7	1,344	115,931	1,226,008
Adults	0.9	46	11.6	42.1	40.2	8.7	7.3	1.6	0.2	395	154,153	1,088,655
Children	0.4	22	5.9	54.8	39.4	3.5	2.1	0.3	0.0	374	287,448	2,091,622
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Gender</b>												
Female	1.3	82	13.0	40.3	38.6	7.7	9.0	3.6	0.8	632	324,840	2,575,586
Male	1.0	90	13.0	47.8	35.4	6.3	7.4	2.6	0.5	689	246,023	1,967,134
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Race</b>												
White	1.7	123	14.9	33.8	37.0	9.4	13.0	5.6	1.2	820	242,363	2,140,105
African American	1.0	73	10.1	50.4	34.9	5.6	6.3	2.3	0.5	720	56,154	427,837
Other/unknown	0.7	48	10.3	50.8	37.8	5.3	4.6	1.3	0.2	467	272,346	1,974,778
<b>Use of Nursing Facilities<sup>f</sup></b>												
Entire year	6.9	403	5.6	9.8	5.9	5.3	23.0	34.9	21.0	7,238	2,523	26,209
Part year	5.9	398	7.1	6.8	12.1	9.2	26.9	30.4	14.5	5,632	3,331	33,685
None	1.1	81	14.0	43.9	37.5	7.1	8.2	2.9	0.5	581	565,009	4,482,826
<b>Maintenance Assistance Status</b>												
Cash	2.2	165	15.4	30.4	33.8	10.2	16.1	7.8	1.8	1,072	153,943	1,427,243
Medically needy	1.9	118	12.1	27.0	33.3	13.2	18.4	6.7	1.3	971	6,826	70,097
Poverty related	0.6	39	8.4	52.8	38.0	4.2	3.7	1.1	0.2	461	248,414	1,827,124
Other/unknown	1.0	61	13.6	42.5	39.4	8.3	7.6	2.0	0.3	447	161,680	1,218,256

Source: Data for this table are from the MAX 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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, TX, UT, 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, TX, UT, 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, MASSACHUSETTS, 2005

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>1.2</b>	<b>\$86</b>	<b>\$71</b>	<b>0.4</b>	<b>\$66</b>	<b>\$157</b>	<b>0.0</b>	<b>\$2</b>	<b>\$106</b>	<b>0.8</b>	<b>\$17</b>	<b>\$22</b>
<b>Age</b>												
5 and younger	0.3	14	40	0.1	10	107	0.0	0	54	0.2	3	12
6-14	0.5	36	72	0.2	31	128	0.0	1	101	0.3	5	18
15-20	0.7	64	96	0.3	55	195	0.0	2	99	0.4	8	22
21-44	1.4	101	72	0.4	76	172	0.0	3	101	0.9	21	23
45-64	3.1	214	70	1.0	160	157	0.0	6	127	2.0	48	24
65-74	1.6	91	55	0.6	71	117	0.0	1	82	1.0	19	18
75-84	2.1	102	50	0.8	80	106	0.0	2	61	1.3	21	16
85 and older	3.3	124	37	1.1	90	81	0.1	3	47	2.1	31	14
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	2.0	98	50	0.7	76	106	0.0	2	64	1.2	21	17
Disabled	2.8	227	82	1.0	179	182	0.0	6	127	1.7	43	25
Adults	0.9	46	49	0.3	32	117	0.0	2	81	0.7	13	19
Children	0.4	22	57	0.2	18	114	0.0	1	83	0.2	4	17
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Gender</b>												
Female	1.3	82	62	0.4	62	140	0.0	2	95	0.9	18	21
Male	1.0	90	85	0.4	72	182	0.0	2	128	0.6	15	24
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Race</b>												
White	1.7	123	71	0.6	94	156	0.0	4	113	1.1	25	23
African American	1.0	73	74	0.3	58	172	0.0	2	103	0.6	13	21
Other/unknown	0.7	48	68	0.2	38	155	0.0	1	91	0.4	9	19
<b>Use of Nursing Facilities<sup>e</sup></b>												
Entire year	6.9	403	58	2.4	306	129	0.1	9	66	4.4	88	20
Part year	5.9	398	67	1.9	300	160	0.1	10	102	3.9	87	22
None	1.1	81	71	0.4	63	158	0.0	2	108	0.7	16	22
<b>Maintenance Assistance Status</b>												
Cash	2.2	165	77	0.7	128	171	0.0	4	121	1.4	33	24
Medically needy	1.9	118	62	0.7	93	131	0.0	3	94	1.2	23	19
Poverty related	0.6	39	64	0.2	31	133	0.0	1	97	0.4	7	20
Other/unknown	1.0	61	62	0.3	46	148	0.0	2	86	0.6	13	19

Source: Data for this table are from the MAX 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 Massachusetts, 0.3 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.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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, MASSACHUSETTS, 2005

Therapeutic Category	Number of Rx per Benefit Month Among Users				\$ per Benefit Month Among Users				\$ per Rx				Users <sup>e</sup>				
	Total	Off-Brand-Name		Generic	Total	Off-Brand-Name		Generic	Total	Off-Brand-Name		Generic	Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All Benes	Number of Benefit Months
		Patented	Patent			Patented	Patent			Patented	Patent						
Anti-infective Agents	0.3	0.1	0.0	0.2	\$26	\$21	\$2	\$4	\$99	\$299	\$76	\$22	482,490	\$47,950,644	178,405	31.3	1,826,678
Biologicals	0.2	0.2	0.0	0.0	122	76	24	22	669	492	3,482	1,042	4,151	2,777,581	2,186	0.4	22,788
Antineoplastic Agents	0.5	0.1	0.0	0.4	163	135	1	26	324	904	610	74	16,072	5,205,297	3,060	0.5	32,008
Endocrine/Metabolic Drugs	0.6	0.2	0.0	0.4	28	19	2	7	49	98	111	21	511,449	25,153,525	90,187	15.8	912,866
Cardiovascular Agents	1.0	0.3	0.0	0.7	35	26	0	9	35	85	40	13	779,142	27,184,635	72,515	12.7	776,409
Respiratory Agents	0.5	0.3	0.0	0.2	27	25	0	2	59	97	52	9	422,887	25,064,864	89,605	15.7	929,707
Gastrointestinal Agents	0.5	0.3	0.0	0.2	40	36	0	3	83	126	50	18	316,218	26,118,496	61,890	10.8	659,009
Genitourinary Agents	0.3	0.1	0.0	0.1	14	10	1	3	55	86	55	23	57,174	3,154,804	21,625	3.8	226,100
CNS Drugs	1.0	0.4	0.0	0.7	90	71	0	19	87	194	69	28	1,166,405	101,178,764	105,781	18.5	1,120,569
Stimulants/Anti-obesity/Anorexia	0.7	0.5	0.0	0.2	56	49	0	6	85	100	101	39	163,066	13,930,368	24,127	4.2	250,707
Miscellaneous Psychological/Neurological Agents	0.5	0.5	0.0	0.0	182	182	0	0	360	370	0	15	13,449	4,844,289	2,455	0.4	26,563
Analgesics and Anesthetics	0.5	0.0	0.0	0.4	21	8	2	11	42	158	236	25	634,685	26,594,086	121,102	21.2	1,258,079
Neuromuscular Agents	0.7	0.3	0.0	0.4	55	43	2	11	76	147	103	25	472,552	35,711,104	59,809	10.5	646,939
Nutritional Products	0.2	0.0	0.0	0.2	4	1	0	3	17	46	37	13	80,679	1,378,885	34,788	6.1	326,470
Hematological Agents	0.6	0.2	0.0	0.4	202	196	0	6	352	1,235	73	13	76,972	27,085,711	12,558	2.2	134,135
Topical Products	0.2	0.1	0.0	0.2	10	6	0	4	38	85	43	20	280,317	10,742,406	109,321	19.2	1,127,960
Miscellaneous Products	0.2	0.1	0.0	0.1	45	32	5	8	199	232	359	110	20,687	4,117,086	8,895	1.6	92,353
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	7	0	0	0	29	0	0	0	8,916	257,017	3,153	0.6	34,515
<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>5,507,311</b>	<b>388,449,562</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>

Source: Data for this table are from the MAX 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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 Massachusetts, 0.3 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.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

e. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2005.

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.

Nondual Beneficiaries

TABLE ND.7  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2005

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	\$71,463,979	55,397	9.7	617,620	0.6	\$195	\$116
ANTIVIRAL	33,361,606	14,172	2.5	154,944	0.5	467	215
ANTICONVULSANT	32,358,177	48,193	8.4	534,415	0.7	90	61
ANTIDEPRESSANTS	24,772,562	106,086	18.6	1,156,051	0.5	45	21
ULCER DRUGS	21,273,762	54,174	9.5	590,960	0.4	90	36
MISC. HEMATOLOGICAL	19,990,965	2,956	0.5	32,421	0.5	1,208	617
ANTIASTHMATIC	18,872,956	101,331	17.8	1,079,180	0.3	61	17
ANALGESICS - Narcotic	17,002,661	114,961	20.1	1,236,330	0.3	43	14
ANTIHYPERLIPIDEMIC	14,633,793	29,577	5.2	328,265	0.5	87	45
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	13,762,874	26,339	4.6	280,444	0.6	85	49
Total	267,493,335	553,186		6,010,630	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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.

Nondual Beneficiaries

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, MASSACHUSETTS, 2005

Beneficiary Characteristics	All Top 10 Drug Groups			ANTIPSYCHOTICS				ANTIVIRAL				
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes	Number of 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 Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
All	2,634,435	\$267,493,335	55,397	9.7	617,620	0.6	\$116	14,172	2.5	154,944	0.5	\$215
Female												
All Females	1,557,280	135,222,401	30,831	9.5	343,273	0.5	103	8,445	2.6	91,615	0.4	163
Female, Disabled												
All Ages	1,035,270	100,273,943	21,597	36.1	246,921	0.6	118	4,505	7.5	51,739	0.5	233
5 and younger	4,622	288,522	11	0.8	104	0.4	53	11	0.8	118	0.1	4
6-14	31,449	3,259,648	703	19.1	8,116	0.6	118	122	3.3	1,441	0.5	201
15-20	37,289	4,059,328	1,213	30.4	13,826	0.6	114	153	3.8	1,774	0.4	174
21-44	332,351	34,957,589	9,313	46.0	105,755	0.5	105	2,161	10.7	24,775	0.5	232
45-64	629,559	57,708,856	10,357	33.9	119,120	0.7	130	2,058	6.7	23,631	0.5	242
65-74	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Female, Other Eligibles												
All Ages	522,010	34,948,458	9,234	3.5	96,352	0.4	64	3,940	1.5	39,876	0.3	71
5 and younger	15,003	794,030	48	0.1	533	0.3	43	128	0.3	1,158	0.2	12
6-14	67,142	5,144,410	1,161	1.9	12,651	0.6	104	256	0.4	2,630	0.3	76
15-20	66,028	5,069,886	1,820	4.5	19,177	0.5	81	537	1.3	5,430	0.2	50
21-44	246,760	14,622,053	4,534	5.0	46,711	0.3	45	2,477	2.7	24,981	0.3	69
45-64	70,723	5,067,843	790	5.4	8,289	0.4	61	404	2.8	4,147	0.3	116
65-74	24,874	2,156,685	274	5.8	2,968	0.6	91	75	1.6	880	0.3	144
75-84	17,680	1,330,410	263	10.1	2,677	0.7	85	36	1.4	383	0.2	64
85 and older	13,800	763,141	344	25.6	3,346	0.6	64	27	2.0	267	0.1	5
Male												
All Males	1,077,155	132,270,934	24,566	10.0	274,347	0.7	132	5,727	2.3	63,329	0.6	292
Male, Disabled												
All Ages	743,368	101,942,784	18,541	33.1	211,285	0.7	140	4,440	7.9	49,941	0.6	322
5 and younger	8,268	534,574	86	4.0	969	0.4	58	20	0.9	216	0.3	17
6-14	79,307	9,609,058	2,448	31.3	28,200	0.6	125	124	1.6	1,430	0.5	196
15-20	58,338	17,678,678	1,984	30.3	22,903	0.7	131	131	2.0	1,531	0.3	130
21-44	240,112	33,375,778	7,757	43.0	87,829	0.7	142	1,769	9.8	19,774	0.6	303
45-64	357,343	40,744,696	6,266	29.1	71,384	0.7	148	2,396	11.1	26,990	0.6	357
65-74	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Nondual Beneficiaries

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, MASSACHUSETTS, 2005

Beneficiary Characteristics	All Top 10 Drug Groups			ANTIPSYCHOTICS					ANTIVIRAL			
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes	Number of	Mean	Mean	Number of Users	Users as % of All Benes	Number of	Mean	Mean Rx \$ per Benefit Month
					Benefit Months Among Users	Rx per Benefit Month	Rx \$ per Benefit Month			Benefit Months Among Users	Rx per Benefit Month	
Male, Other Eligibles												
All Ages	333,787	30,328,150	6,025	3.2	63,062	0.6	105	1,287	0.7	13,388	0.4	177
5 and younger	23,905	1,720,981	113	0.2	1,164	0.4	75	148	0.3	1,430	0.2	23
6-14	126,223	11,521,679	2,395	3.8	25,816	0.6	115	224	0.4	2,450	0.3	76
15-20	67,840	6,878,896	1,809	5.1	19,062	0.6	121	192	0.5	1,957	0.3	117
21-44	54,908	4,727,688	981	3.7	9,616	0.4	63	362	1.4	3,781	0.4	248
45-64	33,113	3,194,173	313	3.1	3,064	0.4	65	282	2.8	2,862	0.5	322
65-74	14,375	1,255,261	176	6.7	1,911	0.7	112	53	2.0	598	0.3	99
75-84	9,010	751,727	141	9.3	1,473	0.6	96	23	1.5	274	0.1	31
85 and older	4,413	277,745	97	18.6	956	0.8	73	3	0.6	36	0.3	42
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 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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 Beneficiaries

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, MASSACHUSETTS, 2005

Beneficiary Characteristics	ANTICONVULSANT					ANTIDEPRESSANTS					ULCER DRUGS				
	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>48,193</b>	<b>8.4</b>	<b>534,415</b>	<b>0.7</b>	<b>\$61</b>	<b>106,086</b>	<b>18.6</b>	<b>1,156,051</b>	<b>0.5</b>	<b>\$21</b>	<b>54,174</b>	<b>9.5</b>	<b>590,960</b>	<b>0.4</b>	<b>\$36</b>
<b>Female</b>															
All Females	29,330	9.0	324,430	0.6	56	72,537	22.3	787,837	0.5	22	35,577	11.0	390,026	0.4	36
<b>Female, Disabled</b>															
All Ages	20,181	33.7	230,858	0.7	61	41,952	70.1	477,969	0.5	25	20,282	33.9	232,799	0.4	42
5 and younger	199	14.3	2,317	0.6	42	11	0.8	109	0.4	5	264	19.0	2,930	0.4	26
6-14	962	26.1	11,123	0.8	81	585	15.9	6,710	0.5	14	457	12.4	5,277	0.5	45
15-20	1,150	28.9	13,191	0.7	85	1,426	35.8	16,091	0.5	21	526	13.2	6,059	0.4	31
21-44	8,274	40.9	94,238	0.7	66	15,372	76.0	174,079	0.5	23	5,590	27.6	64,096	0.4	34
45-64	9,596	31.4	109,989	0.7	53	24,558	80.3	280,980	0.5	26	13,445	44.0	154,437	0.5	46
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>															
All Ages	9,149	3.5	93,572	0.5	43	30,585	11.5	309,868	0.4	17	15,295	5.8	157,227	0.3	26
5 and younger	152	0.3	1,494	0.4	36	54	0.1	582	0.3	6	829	1.7	6,773	0.3	16
6-14	1,012	1.7	10,922	0.6	63	1,833	3.0	19,619	0.5	14	795	1.3	8,395	0.2	18
15-20	1,516	3.8	16,003	0.5	68	4,160	10.3	43,275	0.4	15	1,374	3.4	14,107	0.2	15
21-44	4,855	5.3	48,594	0.5	34	18,182	19.9	181,684	0.4	17	7,467	8.2	76,621	0.3	23
45-64	1,039	7.1	10,483	0.6	34	4,297	29.3	42,830	0.5	22	2,436	16.6	24,925	0.4	36
65-74	275	5.8	2,948	0.6	39	845	17.9	9,476	0.4	16	1,244	26.4	14,051	0.3	33
75-84	191	7.3	2,064	0.6	36	603	23.1	6,326	0.5	16	707	27.1	7,861	0.4	38
85 and older	109	8.1	1,064	0.6	22	611	45.4	6,076	0.6	18	443	32.9	4,494	0.6	40
<b>Male</b>															
All Males	18,863	7.7	209,985	0.7	68	33,549	13.6	368,214	0.5	21	18,597	7.6	200,934	0.4	37
<b>Male, Disabled</b>															
All Ages	14,237	25.4	162,211	0.7	70	22,994	41.0	259,424	0.5	22	11,834	21.1	133,255	0.5	41
5 and younger	268	12.6	3,049	0.6	57	41	1.9	441	0.3	3	394	18.5	4,390	0.5	24
6-14	1,787	22.9	20,642	0.7	75	1,561	20.0	18,041	0.5	16	571	7.3	6,678	0.5	37
15-20	1,585	24.2	18,326	0.8	95	1,638	25.1	18,708	0.5	24	531	8.1	6,142	0.5	32
21-44	5,537	30.7	62,929	0.8	73	8,440	46.8	94,732	0.5	23	3,438	19.0	38,648	0.4	37
45-64	5,060	23.5	57,265	0.7	57	11,314	52.5	127,502	0.5	23	6,900	32.0	77,397	0.5	45
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Nondual Beneficiaries

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, MASSACHUSETTS, 2005

Beneficiary Characteristics	ANTICONVULSANT					ANTIDEPRESSANTS					ULCER DRUGS				
	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>Male, Other Eligibles</b>															
All Ages	4,626	2.4	47,774	0.6	60	10,555	5.6	108,790	0.4	18	6,763	3.6	67,679	0.3	29
5 and younger	213	0.4	2,254	0.4	45	59	0.1	647	0.3	7	1,113	2.2	9,361	0.3	18
6-14	1,572	2.5	16,849	0.6	66	2,712	4.3	29,076	0.5	17	761	1.2	8,103	0.3	24
15-20	1,277	3.6	13,470	0.6	77	2,804	7.9	29,584	0.5	19	721	2.0	7,525	0.3	22
21-44	859	3.2	8,114	0.5	40	2,782	10.5	27,020	0.4	17	1,876	7.1	18,565	0.3	29
45-64	406	4.0	3,838	0.5	36	1,401	13.9	13,971	0.4	19	1,185	11.8	11,957	0.4	35
65-74	159	6.1	1,769	0.8	53	360	13.7	4,016	0.5	16	585	22.3	6,575	0.4	34
75-84	88	5.8	938	0.7	37	252	16.7	2,714	0.5	17	377	24.9	4,201	0.4	37
85 and older	52	10.0	542	0.6	32	185	35.5	1,762	0.6	20	145	27.8	1,392	0.5	44
<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 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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 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, MASSACHUSETTS, 2005

Beneficiary Characteristics	MISC. HEMATOLOGICAL					ANTIASTHMATIC					ANALGESICS - Narcotic				
	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>2,956</b>	<b>0.5</b>	<b>32,421</b>	<b>0.5</b>	<b>\$617</b>	<b>101,331</b>	<b>17.8</b>	<b>1,079,180</b>	<b>0.3</b>	<b>\$18</b>	<b>114,961</b>	<b>20.1</b>	<b>1,236,330</b>	<b>0.3</b>	<b>\$14</b>
<b>Female</b>															
All Females	1,432	0.4	15,896	0.5	73	59,573	18.3	638,898	0.3	18	78,485	24.2	844,942	0.3	12
<b>Female, Disabled</b>															
All Ages	996	1.7	11,313	0.5	80	26,129	43.6	299,302	0.3	24	34,807	58.1	398,494	0.4	18
5 and younger	0	0.0	0	0.0	0	555	39.8	6,304	0.3	16	67	4.8	786	0.1	1
6-14	2	0.1	24	0.4	34	1,398	38.0	16,113	0.3	18	294	8.0	3,457	0.1	1
15-20	3	0.1	36	0.3	33	1,072	26.9	12,296	0.3	19	881	22.1	9,979	0.2	3
21-44	85	0.4	986	0.4	265	7,757	38.4	88,528	0.3	19	13,425	66.4	153,075	0.4	18
45-64	906	3.0	10,267	0.5	62	15,347	50.2	176,061	0.4	27	20,140	65.9	231,197	0.4	20
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>															
All Ages	436	0.2	4,583	0.5	56	33,444	12.6	339,596	0.2	13	43,678	16.5	446,448	0.2	7
5 and younger	2	0.0	8	0.3	13	5,510	11.3	53,970	0.2	10	576	1.2	5,834	0.1	1
6-14	3	0.0	36	0.4	24	8,485	13.9	87,416	0.2	11	1,696	2.8	18,092	0.1	1
15-20	3	0.0	32	0.2	23	5,079	12.6	51,644	0.2	11	5,421	13.4	55,077	0.1	1
21-44	60	0.1	588	0.4	45	10,543	11.5	106,154	0.3	12	29,450	32.2	299,359	0.3	7
45-64	72	0.5	676	0.5	57	2,416	16.5	24,893	0.3	20	4,563	31.1	46,618	0.3	12
65-74	124	2.6	1,422	0.5	62	646	13.7	7,268	0.3	24	975	20.7	10,952	0.2	6
75-84	94	3.6	1,032	0.6	58	438	16.8	4,891	0.3	26	584	22.4	6,404	0.3	8
85 and older	78	5.8	789	0.6	52	327	24.3	3,360	0.4	21	413	30.7	4,112	0.4	9
<b>Male</b>															
All Males	1,524	0.6	16,525	0.5	1,140	41,758	17.0	440,282	0.3	17	36,476	14.8	391,388	0.3	17
<b>Male, Disabled</b>															
All Ages	1,107	2.0	12,255	0.5	1,376	14,841	26.5	168,675	0.4	23	21,271	37.9	238,448	0.4	23
5 and younger	3	0.1	27	0.5	21	1,059	49.9	11,795	0.3	14	145	6.8	1,661	0.1	1
6-14	16	0.2	186	0.6	7,141	2,767	35.4	31,839	0.3	15	573	7.3	6,671	0.1	1
15-20	8	0.1	96	1.6	113,887	1,360	20.8	15,770	0.3	16	1,024	15.7	11,658	0.2	2
21-44	105	0.6	1,149	0.5	2,738	3,220	17.8	36,561	0.3	22	7,817	43.3	87,403	0.4	20
45-64	975	4.5	10,797	0.5	134	6,435	29.9	72,710	0.4	30	11,712	54.4	131,055	0.5	28
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Nondual 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, MASSACHUSETTS, 2005

WONDER BENEFICIARIES, MEDICATED, 1995															
MISC. HEMATOLOGICAL						ANTIASTHMATIC					ANALGESICS - Narcotic				
Beneficiary Characteristics	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
Male, Other Eligibles															
All Ages	417	0.2	4,270	0.5	463	26,917	14.2	271,607	0.2	14	15,205	8.0	152,940	0.2	8
5 and younger	5	0.0	34	1.3	7,865	8,157	16.1	79,779	0.2	12	954	1.9	9,704	0.1	1
6-14	7	0.0	84	0.5	9,934	11,480	18.4	117,948	0.2	13	1,906	3.0	20,104	0.1	1
15-20	6	0.0	63	0.6	5,619	3,941	11.1	40,405	0.2	12	3,097	8.7	31,776	0.1	1
21-44	54	0.2	496	0.5	599	1,721	6.5	16,673	0.3	17	6,120	23.0	59,346	0.3	14
45-64	117	1.2	1,100	0.5	72	841	8.3	8,361	0.3	20	2,292	22.7	22,969	0.3	15
65-74	111	4.2	1,217	0.5	56	398	15.2	4,378	0.4	30	454	17.3	5,000	0.3	9
75-84	80	5.3	895	0.4	57	281	18.6	3,108	0.4	27	261	17.3	2,862	0.2	4
85 and older	37	7.1	381	0.7	60	98	18.8	955	0.3	16	121	23.2	1,179	0.4	14
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 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispain.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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 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, MASSACHUSETTS, 2005

Beneficiary Characteristics	ANTIHYPERLIPIDEMIC					STIMULANTS/ANTI-OBESITY/ANOREXIANTS						
	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 Beneficiaries	Number of Benefit Months
<b>All</b>	<b>29,577</b>	<b>5.2</b>	<b>328,265</b>	<b>0.5</b>	<b>\$45</b>	<b>26,339</b>	<b>4.6</b>	<b>280,444</b>	<b>0.6</b>	<b>\$49</b>	<b>570,863</b>	<b>4,542,720</b>
<b>Female</b>												
All Females	17,578	5.4	196,737	0.5	44	8,821	2.7	94,716	0.6	47	324,840	2,575,586
<b>Female, Disabled</b>												
All Ages	12,141	20.3	139,493	0.5	46	2,811	4.7	31,880	0.6	50	59,865	640,267
5 and younger	2	0.1	24	0.5	9	23	1.7	261	0.4	27	1,393	13,109
6-14	8	0.2	96	0.4	20	836	22.7	9,480	0.6	51	3,681	40,256
15-20	34	0.9	370	0.4	25	458	11.5	5,284	0.6	49	3,986	42,148
21-44	1,502	7.4	17,273	0.5	37	832	4.1	9,347	0.5	50	20,226	215,818
45-64	10,595	34.6	121,730	0.5	48	662	2.2	7,508	0.6	49	30,579	328,936
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
<b>Female, Other Eligibles</b>												
All Ages	5,437	2.1	57,244	0.4	40	6,010	2.3	62,836	0.5	46	264,975	1,935,319
5 and younger	5	0.0	51	0.2	7	101	0.2	1,033	0.4	32	48,639	301,343
6-14	20	0.0	212	0.3	26	3,138	5.1	33,100	0.6	45	61,210	483,143
15-20	54	0.1	520	0.4	29	1,417	3.5	14,899	0.5	46	40,379	301,340
21-44	1,410	1.5	14,232	0.4	31	1,110	1.2	11,330	0.5	46	91,389	646,332
45-64	1,654	11.3	16,302	0.5	40	220	1.5	2,230	0.6	57	14,685	114,392
65-74	1,395	29.6	15,825	0.4	44	10	0.2	98	0.3	16	4,718	49,440
75-84	694	26.6	7,887	0.5	47	4	0.2	37	0.2	4	2,609	27,062
85 and older	205	15.2	2,215	0.6	40	10	0.7	109	0.5	6	1,346	12,267
<b>Male</b>												
All Males	11,999	4.9	131,528	0.5	45	17,518	7.1	185,728	0.6	50	246,023	1,967,134
<b>Male, Disabled</b>												
All Ages	8,034	14.3	90,679	0.6	47	5,560	9.9	63,353	0.6	51	56,066	585,741
5 and younger	8	0.4	88	0.2	4	126	5.9	1,375	0.3	20	2,124	20,498
6-14	23	0.3	276	0.4	21	3,147	40.3	35,933	0.6	53	7,809	85,550
15-20	38	0.6	455	0.4	22	1,355	20.7	15,653	0.6	56	6,538	69,968
21-44	1,558	8.6	17,801	0.5	41	631	3.5	7,093	0.6	45	18,049	186,551
45-64	6,407	29.7	72,059	0.6	49	301	1.4	3,299	0.5	43	21,546	223,174
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0

Nondual 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</sup>, <sup>b</sup>, <sup>c</sup>  
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2005

Beneficiary Characteristics	ANTIHYPERLIPIDEMIC					STIMULANTS/ANTI-OBESITY/ANOREXIANTS					Number of Beneficiaries	Number of Benefit Months
	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		
Male, Other Eligibles												
All Ages	3,965	2.1	40,849	0.4	40	11,958	6.3	122,375	0.6	50	189,957	1,381,393
5 and younger	10	0.0	84	0.2	12	331	0.7	3,371	0.4	26	50,578	314,994
6-14	76	0.1	810	0.3	26	8,233	13.2	84,012	0.6	49	62,551	493,888
15-20	69	0.2	685	0.4	28	3,008	8.5	31,219	0.6	54	35,493	276,374
21-44	1,067	4.0	10,583	0.4	34	267	1.0	2,630	0.5	41	26,601	172,446
45-64	1,536	15.2	15,006	0.5	42	107	1.1	1,007	0.5	44	10,081	76,106
65-74	714	27.3	8,080	0.4	44	4	0.2	43	0.4	9	2,619	26,950
75-84	417	27.6	4,765	0.5	46	5	0.3	58	0.5	9	1,513	15,744
85 and older	76	14.6	836	0.5	46	3	0.6	35	1.1	21	521	4,891
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 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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 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, MASSACHUSETTS, 2005

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>\$403</b>	<b>6.9</b>	<b>2,523</b>	<b>26,209</b>
<b>Age</b>				
0-64	521	7.6	1,345	14,765
65-74	408	7.1	198	1,988
75-84	286	6.7	356	3,512
85 and older	177	5.4	624	5,944
Unknown	0	0.0	0	0
<b>Gender</b>				
Female	396	7.2	1,515	15,510
Male	413	6.5	1,008	10,699
Unknown	0	0.0	0	0
<b>Race</b>				
White	419	7.1	1,679	17,860
African American	532	7.1	150	1,674
Other/unknown	327	6.5	694	6,675
<b>Basis of Eligibility<sup>c</sup></b>				
Aged	251	6.0	1,178	11,444
Disabled	523	7.6	1,337	14,681
Adults	349	5.6	3	26
Children	84	2.8	5	58
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2005 Medicaid enrollment. A total of 3,331 beneficiaries who were in nursing facilities for part of their enrollment and their 33,685 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 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, MASSACHUSETTS, 2005

NONPAIN BENEFICIARIES, MASSACHUSETTS, 2005																					
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	0.5	0.2	0.0	0.3	\$48	\$37	\$4	\$7	\$95	\$186	\$100	\$25	8,183	\$777,935	1,516	60.1	16,320				
Biologicals	0.1	0.0	0.0	0.1	3	1	0	2	32	58	0	29	43	1,376	38	1.5	446				
Antineoplastic Agents	0.6	0.1	0.0	0.5	76	37	0	39	124	350	0	77	732	90,963	122	4.8	1,200				
Endocrine/Metabolic Drugs	1.2	0.4	0.1	0.7	40	27	5	9	34	73	40	13	13,332	456,825	1,050	41.6	11,298				
Cardiovascular Agents	2.0	0.5	0.0	1.5	45	28	0	17	23	59	76	11	31,187	708,488	1,498	59.4	15,596				
Respiratory Agents	0.9	0.5	0.0	0.4	53	48	1	4	58	87	113	12	8,155	471,353	820	32.5	8,957				
Gastrointestinal Agents	1.3	0.6	0.0	0.6	70	60	0	10	55	97	34	15	19,348	1,063,759	1,419	56.2	15,128				
Genitourinary Agents	0.6	0.3	0.0	0.2	30	23	0	7	51	70	25	27	2,880	147,594	453	18.0	4,930				
CNS Drugs	2.0	0.7	0.0	1.2	159	134	0	26	81	183	43	21	38,755	3,148,148	1,854	73.5	19,739				
Stimulants/Anti-obesity/Anorexia	0.6	0.1	0.0	0.5	18	7	0	11	30	93	0	20	259	7,643	40	1.6	419				
Miscellaneous Psychological/Neurological Agents	1.0	1.0	0.0	0.0	189	189	0	0	198	198	0	5	3,136	619,662	323	12.8	3,285				
Analgesics and Anesthetics	0.9	0.2	0.0	0.7	46	18	5	22	52	117	140	32	9,118	473,833	996	39.5	10,395				
Neuromuscular Agents	1.6	0.5	0.0	1.1	121	77	2	42	76	153	94	39	20,720	1,575,777	1,184	46.9	12,987				
Nutritional Products	0.7	0.0	0.0	0.6	14	0	0	13	21	15	11	21	3,560	73,763	516	20.5	5,303				
Hematological Agents	1.5	0.2	0.0	1.2	59	50	0	9	40	211	13	7	11,230	450,239	721	28.6	7,593				
Topical Products	0.6	0.2	0.0	0.4	27	19	1	7	43	81	47	19	9,807	420,563	1,399	55.4	15,461				
Miscellaneous Products	0.3	0.2	0.0	0.2	37	28	0	9	118	179	0	59	522	61,844	152	6.0	1,671				
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	6	0	0	0	18	0	0	0	560	10,258	147	5.8	1,603				
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.	181,527	10,560,023	n.a.	n.a.	n.a.				

Source: Data for this table are from the MAX 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. A total of 3,331 beneficiaries who were in nursing facilities for part of their enrollment and their 33,685 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 2005. 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.medispans.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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.medispans.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

In Massachusetts, 0.3 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 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, MASSACHUSETTS, 2005

Top 10 Drug Groups in Nursing Facilities	Total Medicaid Rx \$	Users			Among Users		
		Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months per	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month
ANTIPSYCHOTICS	\$2,449,635	1,374	54.5	15,003	0.9	\$176	\$163
ANTICONVULSANT	1,272,699	1,281	50.8	14,280	1.0	86	89
ULCER DRUGS	867,062	1,380	54.7	14,821	0.8	69	59
MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL	619,662	389	15.4	3,995	0.8	198	155
ANTIDEPRESSANTS	605,484	1,985	78.7	21,327	0.8	34	28
ANTIASTHMATIC	375,686	1,107	43.9	12,176	0.5	59	31
ANTIVIRAL	367,879	224	8.9	2,561	0.4	361	144
ANTHYPERLIPIDEMIC	347,104	582	23.1	6,327	0.9	64	55
ANTIDIABETIC	311,540	829	32.9	9,002	0.9	37	35
ANALGESICS - Narcotic	282,992	964	38.2	9,939	0.6	47	28
Total	7,499,743	10,115		109,431	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. A total of 3,331 beneficiaries who were in nursing facilities for part of their enrollment and their 33,685 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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.

Nondual 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, MASSACHUSETTS, 2005

Beneficiary Characteristics	All Top 10 Drug Groups			ANTI PSYCHOTICS				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>89,216</b>	<b>\$7,499,743</b>	<b>1,374</b>	<b>54.5</b>	<b>15,003</b>	<b>0.9</b>	<b>\$163</b>	<b>1,281</b>	<b>50.8</b>	<b>14,280</b>	<b>1.0</b>	<b>\$89</b>
<b>Female</b>												
All Females	53,235	4,293,810	829	54.7	8,908	0.9	152	711	46.9	7,866	1.0	87
<b>Female, Disabled</b>												
All Ages	31,836	3,006,815	433	66.3	4,889	1.0	196	493	75.5	5,619	1.1	100
64 or younger	31,836	3,006,815	433	66.3	4,889	1.0	196	493	75.5	5,619	1.1	100
65-74	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>												
All Ages	21,399	1,286,995	396	45.9	4,019	0.8	99	218	25.3	2,247	0.9	53
64 or younger	69	3,133	0	0.0	0	0.0	0	4	80.0	48	0.8	28
65-74	4,890	365,012	82	65.1	889	0.9	135	70	55.6	735	1.0	74
75-84	7,088	439,668	117	47.8	1,180	0.9	115	79	32.2	817	0.9	57
85 and older	9,352	479,182	197	40.5	1,950	0.7	73	65	13.4	647	0.8	26
<b>Male</b>												
All Males	35,981	3,205,933	545	54.1	6,095	1.0	180	570	56.5	6,414	1.0	92
<b>Male, Disabled</b>												
All Ages	26,410	2,574,858	371	54.2	4,249	1.0	202	473	69.2	5,412	1.0	98
64 or younger	26,410	2,574,858	371	54.2	4,249	1.0	202	473	69.2	5,412	1.0	98
65-74	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>												
All Ages	9,571	631,075	174	53.7	1,846	0.9	129	97	29.9	1,002	1.0	59
64 or younger	43	2,963	0	0.0	0	0.0	0	1	33.3	12	2.3	219
65-74	2,768	215,032	60	83.3	655	1.0	161	41	56.9	429	1.1	75
75-84	3,840	249,948	60	54.1	642	0.8	137	31	27.9	319	1.1	48
85 and older	2,920	163,132	54	39.1	549	0.9	80	24	17.4	242	0.7	36
<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 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. A total of 3,331 beneficiaries who were in nursing facilities for part of their enrollment and their 33,685 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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, MASSACHUSETTS, 2005

Beneficiary Characteristics	ULCER DRUGS					MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL					ANTIDEPRESSANTS				
	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>1,380</b>	<b>54.7</b>	<b>14,821</b>	<b>0.8</b>	<b>\$59</b>	<b>389</b>	<b>15.4</b>	<b>3,995</b>	<b>0.8</b>	<b>\$155</b>	<b>1,985</b>	<b>78.7</b>	<b>21,327</b>	<b>0.8</b>	<b>\$28</b>
<b>Female</b>															
All Females	825	54.5	8,800	0.8	57	260	17.2	2,685	0.8	160	1,254	82.8	13,324	0.8	30
<b>Female, Disabled</b>															
All Ages	442	67.7	4,968	0.9	68	52	8.0	607	0.8	443	587	89.9	6,593	0.9	36
64 or younger	442	67.7	4,968	0.9	68	52	8.0	607	0.8	443	587	89.9	6,593	0.9	36
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>															
All Ages	383	44.4	3,832	0.7	42	208	24.1	2,078	0.8	77	667	77.4	6,731	0.8	24
64 or younger	2	40.0	24	1.0	53	0	0.0	0	0.0	0	1	20.0	12	0.3	2
65-74	60	47.6	640	0.8	50	20	15.9	237	0.8	86	112	88.9	1,182	0.9	36
75-84	110	44.9	1,088	0.7	43	75	30.6	726	0.8	85	198	80.8	1,987	0.8	22
85 and older	211	43.4	2,080	0.7	39	113	23.3	1,115	0.8	71	356	73.3	3,550	0.7	20
<b>Male</b>															
All Males	555	55.1	6,021	0.8	61	129	12.8	1,310	0.8	145	731	72.5	8,003	0.8	26
<b>Male, Disabled</b>															
All Ages	387	56.6	4,342	0.9	64	57	8.3	626	0.8	225	470	68.7	5,323	0.8	29
64 or younger	387	56.6	4,342	0.9	64	57	8.3	626	0.8	225	470	68.7	5,323	0.8	29
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>															
All Ages	168	51.9	1,679	0.8	54	72	22.2	684	0.8	72	261	80.6	2,680	0.8	22
64 or younger	1	33.3	12	0.2	17	0	0.0	0	0.0	0	1	33.3	12	1.1	11
65-74	40	55.6	415	0.7	48	12	16.7	109	0.8	92	64	88.9	688	0.8	22
75-84	65	58.6	697	0.8	59	20	18.0	181	0.8	85	90	81.1	957	0.8	23
85 and older	62	44.9	555	0.7	52	40	29.0	394	0.8	61	106	76.8	1,023	0.7	20
<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 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. A total of 3,331 beneficiaries who were in nursing facilities for part of their enrollment and their 33,685 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispain.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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, MASSACHUSETTS, 2005

Beneficiary Characteristics	ASTHMA					ANTIVIRAL					ANTIHYPERTENSIVE				
	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>1,107</b>	<b>43.9</b>	<b>12,176</b>	<b>0.5</b>	<b>\$31</b>	<b>224</b>	<b>8.9</b>	<b>2,561</b>	<b>0.4</b>	<b>\$144</b>	<b>582</b>	<b>23.1</b>	<b>6,327</b>	<b>0.9</b>	<b>\$55</b>
<b>Female</b>															
All Females	672	44.4	7,289	0.5	30	115	7.6	1,288	0.3	108	356	23.5	3,806	0.9	56
<b>Female, Disabled</b>															
All Ages	403	61.7	4,471	0.5	35	88	13.5	1,014	0.3	114	167	25.6	1,912	0.9	64
64 or younger	403	61.7	4,471	0.5	35	88	13.5	1,014	0.3	114	167	25.6	1,912	0.9	64
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>															
All Ages	269	31.2	2,818	0.4	21	27	3.1	274	0.3	87	189	21.9	1,894	0.9	49
64 or younger	2	40.0	24	0.1	21	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	51	40.5	551	0.5	26	4	3.2	48	1.2	472	47	37.3	477	0.8	50
75-84	71	29.0	771	0.4	23	8	3.3	86	0.1	6	79	32.2	781	0.9	57
85 and older	145	29.8	1,472	0.4	18	15	3.1	140	0.2	5	63	13.0	636	0.9	40
<b>Male</b>															
All Males	435	43.2	4,887	0.6	33	109	10.8	1,273	0.5	180	226	22.4	2,521	0.8	53
<b>Male, Disabled</b>															
All Ages	320	46.8	3,666	0.6	35	106	15.5	1,247	0.5	183	142	20.8	1,622	0.8	54
64 or younger	320	46.8	3,666	0.6	35	106	15.5	1,247	0.5	183	142	20.8	1,622	0.8	54
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>															
All Ages	115	35.5	1,221	0.4	25	3	0.9	26	0.2	8	84	25.9	899	0.9	50
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	24	33.3	230	0.6	30	1	1.4	4	0.3	3	24	33.3	265	0.8	47
75-84	51	45.9	576	0.5	34	1	0.9	10	0.1	17	39	35.1	413	0.9	51
85 and older	40	29.0	415	0.3	11	1	0.7	12	0.2	2	21	15.2	221	0.8	50
<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 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. A total of 3,331 beneficiaries who were in nursing facilities for part of their enrollment and their 33,685 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medspan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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.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, MASSACHUSETTS, 2005

Beneficiary Characteristics	ANTIDIABETIC					ANALGESICS - Narcotic					All-Year Nursing Facility Residents	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 \$		
<b>All</b>	<b>829</b>	<b>32.9</b>	<b>9,002</b>	<b>0.9</b>	<b>\$35</b>	<b>964</b>	<b>38.2</b>	<b>9,939</b>	<b>0.6</b>	<b>\$29</b>	<b>2,523</b>	<b>26,209</b>
<b>Female</b>												
All Females	523	34.5	5,533	0.9	32	638	42.1	6,566	0.6	29	1,515	15,510
<b>Female, Disabled</b>												
All Ages	266	40.7	2,929	0.9	39	303	46.4	3,300	0.8	41	653	7,197
64 or younger	266	40.7	2,929	0.9	39	303	46.4	3,300	0.8	41	653	7,197
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
<b>Female, Other Eligibles</b>												
All Ages	257	29.8	2,604	0.8	24	335	38.9	3,266	0.5	16	862	8,313
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	5	58
65-74	65	51.6	657	0.8	24	52	41.3	510	0.7	38	126	1,242
75-84	106	43.3	1,089	0.9	26	93	38.0	920	0.5	16	245	2,389
85 and older	86	17.7	858	0.8	20	190	39.1	1,836	0.4	11	486	4,624
<b>Male</b>												
All Males	306	30.4	3,469	1.0	39	326	32.3	3,373	0.6	28	1,008	10,699
<b>Male, Disabled</b>												
All Ages	198	28.9	2,259	1.0	42	205	30.0	2,191	0.6	33	684	7,484
64 or younger	198	28.9	2,259	1.0	42	205	30.0	2,191	0.6	33	684	7,484
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
<b>Male, Other Eligibles</b>												
All Ages	108	33.3	1,210	0.9	34	121	37.3	1,182	0.5	18	324	3,215
64 or younger	0	0.0	0	0.0	0	1	33.3	12	0.1	1	3	26
65-74	28	38.9	316	0.9	39	29	40.3	282	0.4	4	72	746
75-84	50	45.0	544	1.1	40	49	44.1	482	0.5	12	111	1,123
85 and older	30	21.7	350	0.7	20	42	30.4	406	0.6	35	138	1,320
<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 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. A total of 3,331 beneficiaries who were in nursing facilities for part of their enrollment and their 33,685 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medspan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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>  
MASSACHUSETTS, 2005

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>105,149</b>	<b>18.4</b>	<b>1.0</b>	<b>552,641</b>	<b>\$11</b>	<b>\$6,122,591</b>	<b>\$11</b>	<b>1.6</b>	<b>570,863</b>
<b>Age</b>									
5 and younger	14,679	14.3	0.3	32,491	3	323,263	10	3.7	102,734
6-14	13,134	9.7	0.3	36,392	4	600,965	17	1.5	135,251
15-20	8,729	10.1	0.3	29,122	8	679,410	23	1.5	86,396
21-44	33,261	21.3	1.2	188,694	12	1,861,228	10	1.5	156,265
45-64	31,151	40.5	3.2	243,451	32	2,476,747	10	1.6	76,891
65-74	2,330	31.8	1.6	11,850	12	89,296	8	1.3	7,337
75-84	1,251	30.3	1.7	6,977	14	58,482	8	1.3	4,122
85 and older	614	32.9	2.0	3,664	18	33,200	9	1.6	1,867
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Basis of Eligibility<sup>c</sup></b>									
Aged	4,198	31.5	1.7	22,498	14	181,041	8	1.3	13,331
Disabled	47,292	40.8	3.2	375,853	38	4,416,349	12	1.6	115,931
Adults	24,031	15.6	0.6	89,459	5	758,019	8	1.5	154,153
Children	29,628	10.3	0.2	64,831	3	767,182	12	1.7	287,448
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Gender</b>									
Female	67,337	20.7	1.1	365,101	12	3,811,612	10	1.8	324,840
Male	37,812	15.4	0.8	187,540	9	2,310,979	12	1.3	246,023
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Race</b>									
White	57,356	23.7	1.6	383,422	18	4,320,584	11	1.6	242,363
African American	9,213	16.4	0.7	39,601	6	344,896	9	1.1	56,154
Other/unknown	38,580	14.2	0.5	129,618	5	1,457,111	11	1.5	272,346
<b>Use of Nursing Facilities<sup>d</sup></b>									
Entire year	1,177	46.7	5.0	12,566	85	214,777	17	2.0	2,523
Part year	2,213	66.4	6.2	20,738	108	358,198	17	2.7	3,331
None	101,759	18.0	0.9	519,337	10	5,549,616	11	1.5	565,009
<b>Maintenance Assistance Status</b>									
Cash	48,229	31.3	2.3	347,447	24	3,764,264	11	1.6	153,943
Medically needy	2,126	31.1	1.9	12,830	21	143,515	11	1.7	6,826
Poverty related	29,439	11.9	0.4	92,507	5	1,129,367	12	1.6	248,414
Other/unknown	25,355	15.7	0.6	99,857	7	1,085,445	11	1.5	161,680

Source: Data for this table are from the MAX 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005.

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

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

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

Bene(s) = beneficiary (or beneficiaries); CMS = 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>  
MASSACHUSETTS, 2005

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>0.1</b>	<b>\$1</b>	<b>\$11</b>	<b>\$0</b>	<b>\$1</b>	<b>4,542,720</b>
<b>Age</b>						
5 and younger	0.1	0	10	0	0	649,944
6-14	0.0	1	17	0	0	1,102,837
15-20	0.0	1	23	0	0	689,830
21-44	0.2	2	10	0	1	1,221,147
45-64	0.3	3	10	0	2	742,608
65-74	0.2	1	8	0	0	76,390
75-84	0.2	1	8	0	0	42,806
85 and older	0.2	2	9	0	1	17,158
Unknown	0.0	0	0	0	0	0
<b>Basis of Eligibility<sup>c</sup></b>						
Aged	0.2	1	8	0	0	136,435
Disabled	0.3	4	12	0	2	1,226,008
Adults	0.1	1	8	0	0	1,088,655
Children	0.0	0	12	0	0	2,091,622
Unknown	0.0	0	0	0	0	0
<b>Gender</b>						
Female	0.1	1	10	0	1	2,575,586
Male	0.1	1	12	0	0	1,967,134
Unknown	0.0	0	0	0	0	0
<b>Race</b>						
White	0.2	2	11	0	1	2,140,105
African American	0.1	1	9	0	0	427,837
Other/unknown	0.1	1	11	0	0	1,974,778
<b>Use of Nursing Facilities<sup>d</sup></b>						
Entire year	0.5	8	17	0	4	26,209
Part year	0.6	11	17	0	3	33,685
None	0.1	1	11	0	1	4,482,826
<b>Maintenance Assistance Status</b>						
Cash	0.2	3	11	0	1	1,427,243
Medically needy	0.2	2	11	0	1	70,097
Poverty related	0.1	1	12	0	0	1,827,124
Other/unknown	0.1	1	11	0	0	1,218,256

Source: Data for this table are from the MAX 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005.

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

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

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

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>  
MASSACHUSETTS, 2005

Drug Category	Number of Users	Rx \$ per User	Total Rx \$	Rx \$ as a	Total Number Rx.	\$ per Rx	Number Rx as a
				Percentage of All Part D Excluded Rx \$			Percentage of All Part D Excluded Rx
<b>All</b>	<b>126,981</b>	<b>\$48</b>	<b>\$6,122,591</b>	<b>100.0</b>	<b>552,641</b>	<b>\$11</b>	<b>100.0</b>
Anorexia or weight loss/gain	0	0	0	0.0	0	0	0.0
Fertility drugs	1	34	34	0.0	1	34	0.0
Drugs for cosmetic purposes	514	12	6,088	0.1	742	8	0.1
Cough and cold medications	3,426	46	157,836	2.6	5,958	26	1.1
Vitamins and minerals	13,547	48	653,577	10.7	42,054	16	7.6
Non-prescription drugs	59,379	17	1,013,561	16.6	204,272	5	37.0
Barbiturates	1,266	60	75,422	1.2	10,754	7	1.9
Benzodiazepines	42,623	66	2,827,664	46.2	265,734	11	48.1
Other Part D Excl Rx Drugs	6,225	223	1,388,409	22.7	23,126	60	4.2

Source: Data for this table are from the MAX 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 2005. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2005. A beneficiary who used drugs from two or more Part D excluded categories was counted as a user for each category. Therefore, the sum of users across drug categories may exceed the total number of individual users as noted on Table ND11.

b. Includes OTC drugs as well as prescription drugs.

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

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

Nondual 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, MASSACHUSETTS, 2005

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>843,147</b>	<b>13,338</b>	<b>135,310</b>	<b>236,592</b>	<b>457,907</b>	<b>0</b>	<b>8,435,430</b>	<b>136,805</b>	<b>1,499,987</b>	<b>2,283,523</b>	<b>4,515,115</b>	<b>0</b>
<b>Age</b>												
5 and younger	171,787	2	4,627	0	167,158	0	1,627,250	24	49,845	0	1,577,381	0
6-14	209,703	2	14,161	0	195,540	0	2,177,355	17	163,229	0	2,014,109	0
15-20	123,325	1	11,939	16,207	95,178	0	1,209,461	12	132,422	153,573	923,454	0
21-44	229,634	2	44,867	184,740	25	0	2,284,693	20	497,454	1,787,065	154	0
45-64	95,360	6	59,716	35,632	6	0	999,943	65	657,037	342,824	17	0
65-74	7,349	7,336	0	13	0	0	76,764	76,703	0	61	0	0
75-84	4,122	4,122	0	0	0	0	42,806	42,806	0	0	0	0
85 and older	1,867	1,867	0	0	0	0	17,158	17,158	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Gender</b>												
Female	487,349	8,681	70,939	180,456	227,273	0	4,906,683	89,065	796,043	1,775,672	2,245,903	0
Male	355,798	4,657	64,371	56,136	230,634	0	3,528,747	47,740	703,944	507,851	2,269,212	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Race</b>												
White	332,678	5,257	98,932	85,752	142,737	0	3,435,548	54,049	1,120,637	837,503	1,423,359	0
African American	89,768	1,569	12,416	24,387	51,396	0	909,810	16,798	140,144	237,285	515,583	0
Other/unknown	420,701	6,512	23,962	126,453	263,774	0	4,090,072	65,958	239,206	1,208,735	2,576,173	0
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	2,525	1,178	1,338	4	5	0	26,224	11,444	14,695	27	58	0
Part year	3,355	645	2,518	129	63	0	34,910	5,790	27,213	1,283	624	0
None	837,267	11,515	131,454	236,459	457,839	0	8,374,296	119,571	1,458,079	2,282,213	4,514,433	0
<b>Maintenance Assistance Status</b>												
Cash	219,462	1,975	104,835	42,899	69,753	0	2,394,757	21,496	1,207,233	416,129	749,899	0
Medically needy	7,136	3,723	3,413	0	0	0	74,220	40,828	33,392	0	0	0
Poverty related	373,344	1,744	18,678	0	352,922	0	3,599,134	14,473	179,424	0	3,405,237	0
Other/unknown	243,205	5,896	8,384	193,693	35,232	0	2,367,319	60,008	79,938	1,867,394	359,979	0
<b>Managed Care (MC) Status</b>												
Fee-for-service (FFS) all year	395,796	13,275	106,697	95,507	180,317	0	3,843,586	136,094	1,174,759	861,779	1,670,954	0
FFS part year, with Rx claims	72,949	46	6,430	28,063	38,410	0	765,112	536	73,322	286,318	404,936	0
FFS part year, no Rx claims	102,118	10	2,804	30,583	68,721	0	920,564	102	27,639	264,803	628,020	0
MC all year, with Rx claims	11,851	1	592	5,265	5,993	0	121,905	12	6,660	58,362	56,871	0
MC all year, no Rx claims	260,433	6	18,787	77,174	164,466	0	2,784,263	61	217,607	812,261	1,754,334	0

Source: Data for this table are from the MAX 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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, MASSACHUSETTS, 2005

	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>843,147</b>	<b>8,435,430</b>	<b>570,863</b>	<b>4,542,720</b>	<b>0</b>	<b>3,892,710</b>
Fee-for-service (FFS) all year	395,796	3,843,586	395,796	3,843,586	0	0
FFS part year, with Rx claims	72,949	765,112	72,949	388,668	0	376,444
FFS part year, with no Rx claims	102,118	920,564	102,118	310,466	0	610,098
Managed care (MC) all year, with Rx claims	11,851	121,905	0	0	0	121,905
MC all year, with no Rx claims	260,433	2,784,263	0	0	0	2,784,263

Source: Data for this table are from the MAX 2005 file for Massachusetts, released by CMS in 1/2009. This table was produced on 04/23/2009.

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 Beneficiaries