STATISTICAL COMPENDIUM:
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2004 MASSACHUSETTS

LIST OF TABLES

OVERVIEW OF STUDY POPULATION

FOR ALL MEDICAID BENEFICIARIES

FOR ALL NONDUAL BENEFICIARIES

TABLE ND.2

CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY[a, b]

NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
All	**583,746**	**12,621**	**116,764**	**156,973**	**297,388**	**0**	**4,833,159**	**120,837**	**1,239,650**	**1,170,553**	**2,302,119**	**0**
Age												
5 and younger	106,975	0	3,706	0	103,269	0	734,310	0	36,448	0	697,862	0
6-14	142,299	0	11,811	0	130,488	0	1,215,361	0	128,384	0	1,086,977	0
15-20	85,413	0	10,379	11,436	63,598	0	711,879	0	110,561	84,173	517,145	0
21-44	161,931	0	39,571	122,333	27	0	1,316,776	0	417,504	899,162	110	0
45-64	74,503	0	51,297	23,200	6	0	733,970	0	546,753	187,192	25	0
65-74	7,369	7,365	0	4	0	0	71,542	71,516	0	26	0	0
75-84	3,740	3,740	0	0	0	0	36,397	36,397	0	0	0	0
85 and older	1,516	1,516	0	0	0	0	12,924	12,924	0	0	0	0
Unknown	0	0	0	0	0	0		0	0	0	0	0
Gender												
Female	333,094	8,155	60,531	117,603	146,805	0	2,752,891	77,733	650,976	888,856	1,135,326	0
Male	250,652	4,466	56,233	39,370	150,583	0	2,080,268	43,104	588,674	281,697	1,166,793	0
Unknown	0	0	0	0	0	0		0	0	0	0	0
Race												
White	255,947	5,246	85,399	61,365	103,937	0	2,296,715	51,956	924,137	469,489	851,133	0
African American	58,641	1,357	10,437	14,932	31,915	0	463,572	13,361	111,316	102,786	236,109	0
Other/unknown	269,158	6,018	20,928	80,676	161,536	0	2,072,872	55,520	204,197	598,278	1,214,877	0
Use of Nursing Facilities[c]												
Entire year	2,255	963	1,278	7	7	0	23,972	9,427	14,421	41	83	0
Part year	3,155	523	2,455	129	48	0	32,561	4,669	26,211	1,237	444	0
None	578,336	11,135	113,031	156,837	297,333	0	4,776,626	106,741	1,199,018	1,169,275	2,301,592	0
Maintenance Assistance Status												
Cash	160,455	1,796	88,308	29,902	40,449	0	1,519,373	19,519	974,317	210,380	315,157	0
Medically needy	6,956	3,819	3,137	0	0	0	69,260	39,150	30,110	0	0	0
Poverty-related	255,751	967	16,878	0	237,906	0	1,982,281	8,843	154,576	0	1,818,862	0
Other/unknown	160,584	6,039	8,441	127,071	19,033	0	1,262,245	53,325	80,647	960,173	168,100	0
Managed Care (MC) Status												
Fee-for-service (FFS) all year	427,398	12,569	107,981	104,024	202,824	0	4,183,250	120,524	1,193,137	956,918	1,912,671	0
FFS part year, with Rx claims	65,557	41	6,121	25,221	34,174	0	366,796	274	36,995	134,475	195,052	0
FFS part year, no Rx claims	90,791	11	2,662	27,728	60,390	0	283,113	39	9,518	79,160	194,396	0

Source: Data for this table are from the MAX 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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.

ANNUAL MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC[a, b]
NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

Beneficiary Characteristics	Percentage with at Least One Rx	Mean Number of Rx	Mean Rx $	$ per Rx	Mean $, All Medicaid FFS $[c]	Rx $ as a Percentage of All Medicaid FFS $[d]	Number of Beneficiaries
All	**57.8 %**	**9.5**	**$634**	**$67**	**$4,771**	**13.3 %**	**583,746**
Age							
5 and younger	48.3	2.3	95	40	3,175	3.0	106,975
6-14	49.3	4.2	282	68	2,634	10.7	142,299
15-20	53.0	5.4	431	79	3,970	10.9	85,413
21-44	64.3	11.1	769	69	5,467	14.1	161,931
45-64	78.0	29.6	1,977	67	9,997	19.8	74,503
65-74	61.0	14.8	823	56	5,541	14.9	7,369
75-84	62.1	19.0	921	49	8,704	10.6	3,740
85 and older	64.1	26.1	939	36	18,452	5.1	1,516
Unknown	0.0	0.0	0	0	0	0.0	0
Basis of Eligibility[e]							
Aged	61.7	17.4	866	50	8,030	10.8	12,621
Disabled	81.1	28.7	2,225	78	13,400	16.6	116,764
Adults	59.3	6.9	327	48	2,521	13.0	156,973
Children	47.6	3.0	161	54	2,431	6.6	297,388
Unknown	0.0	0.0	0	0	0	0.0	0
Gender							
Female	61.0	10.5	618	59	4,579	13.5	333,094
Male	53.5	8.2	654	80	5,025	13.0	250,652
Unknown	0.0	0.0	0	0	0	0.0	0
Race							
White	66.4	14.5	998	69	6,565	15.2	255,947
African American	50.6	7.1	498	70	4,902	10.2	58,641
Other/unknown	51.1	5.2	317	61	3,036	10.4	269,158
Use of Nursing Facilities[f]							
Entire year	90.4	72.2	4,114	57	75,039	5.5	2,255
Part year	94.5	62.5	3,967	64	55,002	7.2	3,155
None	57.4	8.9	602	67	4,223	14.3	578,336
Maintenance Assistance Status							
Cash	70.1	19.1	1,416	74	9,129	15.5	160,455
Medically needy	69.5	18.0	1,136	63	8,542	13.3	6,956
Poverty related	48.9	4.5	268	60	3,040	8.8	255,751
Other/unknown	59.0	7.5	411	55	3,009	13.7	160,584

Source: Data for this table are from the MAX 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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 seven states (DE, IA, 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 seven states (DE, IA, 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 fost 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.

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT *PER BENEFIT MONTH*, BY BENEFICIARY CHARACTERISTIC[a, b]

NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

Beneficiary Characteristics	Mean Number of Rx	Mean Rx $	Rx $ as a Percentage of All Medicaid FFS $[c]	Number of Rx, Percentage with:						Mean $, All Medicaid FFS $[d]	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
All	**1.1**	**$77**	**13.3 %**	**42.2 %**	**39.1 %**	**7.0 %**	**8.0 %**	**3.0 %**	**0.6 %**	**$576**	**583,746**	**4,833,159**
Age												
5 and younger	0.3	14	3.0	51.7	44.1	2.8	1.3	0.2	0.0	463	106,975	734,310
6-14	0.5	33	10.7	50.7	41.0	4.3	3.4	0.5	0.0	308	142,299	1,215,361
15-20	0.7	52	10.9	47.0	41.7	5.8	4.5	0.9	0.1	476	85,413	711,879
21-44	1.4	95	14.1	35.7	39.9	10.0	10.5	3.3	0.6	672	161,931	1,316,776
45-64	3.0	201	19.8	22.0	25.4	12.8	24.0	12.8	3.1	1,015	74,503	733,970
65-74	1.5	85	14.9	39.0	32.3	10.8	12.2	4.4	1.3	571	7,369	71,542
75-84	2.0	95	10.6	37.9	26.5	11.0	15.0	7.5	2.1	894	3,740	36,397
85 and older	3.1	110	5.1	35.9	15.4	9.1	20.6	14.8	4.2	2,165	1,516	12,924
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Basis of Eligibility[e]												
Aged	1.8	91	10.8	38.3	28.6	10.6	14.0	6.6	1.9	839	12,621	120,837
Disabled	2.7	210	16.6	18.9	29.4	13.4	24.1	11.5	2.7	1,262	116,764	1,239,650
Adults	0.9	44	13.0	40.7	41.9	8.9	7.0	1.5	0.1	338	156,973	1,170,553
Children	0.4	21	6.6	52.4	41.9	3.4	2.0	0.3	0.0	314	297,388	2,302,119
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Gender												
Female	1.3	75	13.5	39.0	40.4	7.7	8.7	3.4	0.7	554	333,094	2,752,891
Male	1.0	79	13.0	46.5	37.3	6.1	7.1	2.4	0.5	606	250,652	2,080,268
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Race												
White	1.6	111	15.2	33.6	38.6	9.3	12.4	5.1	1.1	732	255,947	2,296,715
African American	0.9	63	10.2	49.4	36.8	5.5	5.8	2.1	0.4	620	58,641	463,572
Other/unknown	0.7	41	10.4	48.9	40.1	5.3	4.4	1.2	0.2	394	269,158	2,072,872
Use of Nursing Facilities[f]												
Entire year	6.8	387	5.5	9.6	5.9	6.1	22.8	34.9	20.7	7,059	2,255	23,972
Part year	6.1	384	7.2	5.5	12.0	8.3	28.9	30.0	15.3	5,329	3,155	32,561
None	1.1	73	14.3	42.6	39.4	7.0	7.8	2.7	0.5	511	578,336	4,776,626
Maintenance Assistance Status												
Cash	2.0	150	15.5	29.9	35.7	10.0	15.5	7.2	1.7	964	160,455	1,519,373
Medically needy	1.8	114	13.3	30.5	33.4	12.0	16.8	5.9	1.5	858	6,956	69,260
Poverty related	0.6	35	8.8	51.1	40.1	4.2	3.6	0.9	0.2	392	255,751	1,982,281
Other/unknown	1.0	52	13.7	41.0	41.2	8.5	7.2	1.9	0.3	383	160,584	1,262,245

Source: Data for this table are from the MAX 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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 seven states (DE, IA, 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 seven states (DE, IA, 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.

AVERAGE MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC[a, b, c]

NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

Beneficiary	All Rx			Patented Brand-Name Drugs			Off-Patent Brand-Name Drugs			Generic Drugs		
Beneficiary Characteristics	Number of Rx	Rx $	$ per Rx	Number of Rx	Rx $	$ per Rx	Number of Rx	Rx $	$ per Rx	Number of Rx	Rx $	$ per Rx
All	**1.1**	**$77**	**$67**	**0.4**	**$58**	**$140**	**0.0**	**$4**	**$94**	**0.7**	**$15**	**$22**
Age												
5 and younger	0.3	14	40	0.1	11	101	0.0	1	36	0.2	3	11
6-14	0.5	33	68	0.2	28	118	0.0	1	69	0.2	4	18
15-20	0.7	52	79	0.3	39	140	0.0	2	78	0.3	11	31
21-44	1.4	95	69	0.4	70	156	0.1	5	99	0.9	19	22
45-64	3.0	201	67	1.0	148	145	0.1	10	116	1.9	42	22
65-74	1.5	85	56	0.6	65	115	0.0	2	72	0.9	18	19
75-84	2.0	95	49	0.7	72	99	0.1	3	55	1.2	20	17
85 and older	3.1	110	36	1.1	80	75	0.1	4	34	1.9	26	14
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Basis of Eligibility[d]												
Aged	1.8	91	50	0.7	69	103	0.0	3	56	1.1	19	18
Disabled	2.7	210	78	1.0	160	162	0.1	10	113	1.6	40	24
Adults	0.9	44	48	0.3	30	107	0.0	3	77	0.6	11	19
Children	0.4	21	54	0.2	16	104	0.0	1	56	0.2	4	17
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Gender												
Female	1.3	75	59	0.4	55	127	0.0	4	85	0.8	16	20
Male	1.0	79	80	0.4	61	160	0.0	3	111	0.6	14	25
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Race												
White	1.6	111	69	0.6	84	145	0.1	6	100	1.0	21	22
African American	0.9	63	70	0.3	50	156	0.0	3	92	0.6	11	20
Other/unknown	0.7	41	61	0.2	30	124	0.0	2	78	0.4	9	22
Use of Nursing Facilities[e]												
Entire year	6.8	387	57	2.3	287	123	0.3	21	66	4.1	79	19
Part year	6.1	384	64	2.0	287	146	0.2	19	83	3.8	78	20
None	1.1	73	67	0.4	55	141	0.0	4	96	0.7	14	22
Maintenance Assistance Status												
Cash	2.0	150	74	0.7	114	159	0.1	7	108	1.2	28	23
Medically needy	1.8	114	63	0.7	88	129	0.1	5	80	1.1	21	20
Poverty related	0.6	35	60	0.2	27	120	0.0	2	79	0.3	6	19
Other/unknown	1.0	52	55	0.3	36	114	0.0	3	77	0.6	13	22

Source: Data for this table are from the MAX 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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, 0.4 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all combined. For information about this classification method, see Wolters Kluwer Health, http://www.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.

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY[a, b, c, d]
NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

Therapeutic Category	Number of Rx per Benefit Month 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	0.1	0.0	0.2	$24	$20	$1	$3	$94	$216	$108	$20	500,358	$47,137,023	187,082	32.0 %	1,956,947
Biologicals	0.2	0.2	0.0	0.0	134	91	1	42	647	501	2,568	1,688	4,899	3,171,231	2,272	0.4	23,661
Antineoplastic Agents	0.5	0.1	0.0	0.3	149	121	6	22	307	917	513	65	14,931	4,586,587	2,887	0.5	30,719
Endocrine/Metabolic Drugs	0.5	0.2	0.0	0.3	24	17	1	6	45	90	36	19	516,116	23,098,428	92,084	15.8	950,416
Cardiovascular Agents	1.0	0.3	0.0	0.7	32	22	0	10	33	80	27	15	730,859	24,386,415	70,042	12.0	758,201
Respiratory Agents	0.4	0.2	0.0	0.2	24	21	0	2	55	87	50	13	432,520	23,580,548	93,669	16.0	989,911
Gastrointestinal Agents	0.5	0.3	0.0	0.2	37	31	2	4	79	120	77	21	304,633	24,174,001	61,142	10.5	658,619
Genitourinary Agents	0.2	0.1	0.0	0.1	13	10	1	2	53	80	39	20	57,346	3,067,381	22,696	3.9	240,807
CNS Drugs	1.0	0.4	0.0	0.6	86	63	4	18	84	176	95	30	1,185,949	99,683,513	108,394	18.6	1,161,050
Stimulants/Anti-obesity/Anorexia	0.6	0.5	0.0	0.2	51	44	0	6	81	94	70	40	162,083	13,081,640	24,325	4.2	258,132
Miscellaneous Psychological/ Neurological Agents	0.6	0.5	0.0	0.0	231	231	0	0	417	434	0	15	10,333	4,310,281	1,703	0.3	18,658
Analgesics and Anesthetics	0.5	0.1	0.0	0.4	21	13	1	7	44	171	348	18	641,144	28,295,466	125,454	21.5	1,324,776
Neuromuscular Agents	0.7	0.3	0.0	0.4	51	38	6	6	71	132	137	16	475,642	33,580,096	60,653	10.4	661,400
Nutritional Products	0.2	0.0	0.0	0.2	4	1	0	3	16	39	24	13	88,262	1,379,564	37,076	6.4	364,301
Hematological Agents	0.6	0.1	0.0	0.4	157	127	1	29	274	948	54	69	73,335	20,102,414	11,912	2.0	127,936
Topical Products	0.2	0.1	0.0	0.2	9	6	0	3	39	77	51	20	301,413	11,697,921	118,708	20.3	1,245,039
Miscellaneous Products	0.2	0.1	0.0	0.1	41	28	6	7	192	219	380	104	21,564	4,145,559	9,450	1.6	100,713
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	6	0	0	0	25	0	0	0	14,285	353,047	5,013	0.9	55,637
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.	5,535,672	369,831,115	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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.medispan.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, 0.4 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).

e. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2004.

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[a, b, c]
NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

Top 10 Drug Groups	Total Medicaid Rx $	Users			Among Users		
		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	$63,645,971	54,362	9.3 %	608,923	0.6	$179	$105
ANTIVIRAL	31,627,427	14,289	2.4	157,711	0.5	445	201
ANTIDEPRESSANTS	31,122,315	110,956	19.0	1,219,540	0.5	53	26
ANTICONVULSANT	30,222,336	48,983	8.4	546,434	0.7	83	55
ULCER DRUGS	19,348,033	54,611	9.4	601,094	0.4	85	32
ANALGESICS - Narcotic	18,563,146	115,654	19.8	1,259,623	0.3	48	15
ANTIASTHMATIC	17,639,841	103,552	17.7	1,122,675	0.3	56	16
MISC. HEMATOLOGICAL	13,879,443	2,585	0.4	28,272	0.5	1,002	491
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	12,920,894	27,247	4.7	296,646	0.5	81	44
ANTIHYPERLIPIDEMIC	12,236,608	26,304	4.5	294,368	0.5	83	42
Total	251,206,014	558,543		6,135,286	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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 2004. 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 2004. 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(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.

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[a, b, c]
NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

Beneficiary Characteristics	All Top 10 Drug Groups		ANTIPSYCHOTICS					ANTIVIRAL				
	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
All	**2,623,146**	**$251,206,014**	**54,362**	**9.3 %**	**608,923**	**0.6**	**$105**	**14,289**	**2.4 %**	**157,711**	**0.5**	**$201**
Female	1,559,727	130,567,116	30,609	9.2	342,545	0.5	92	8,365	2.5	92,048	0.4	155
Disabled	1,023,075	95,334,603	21,313	35.2	244,138	0.6	106	4,571	7.6	52,409	0.5	214
5 and younger	4,829	323,933	19	1.3	216	0.3	40	13	0.9	156	0.3	49
6-14	31,405	3,021,198	685	17.7	7,805	0.6	100	119	3.1	1,393	0.6	224
15-20	35,256	3,613,659	1,125	28.6	12,821	0.6	96	153	3.9	1,726	0.4	193
21-44	343,619	34,713,672	9,436	45.0	107,519	0.5	96	2,385	11.4	27,296	0.5	202
45-64	607,966	53,662,141	10,048	33.1	115,777	0.7	116	1,901	6.3	21,838	0.5	230
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
Other Eligibles	536,652	35,232,513	9,296	3.4	98,407	0.4	57	3,794	1.4	39,639	0.3	78
5 and younger	16,831	846,601	45	0.1	509	0.3	45	109	0.2	1,123	0.1	14
6-14	71,444	5,227,385	1,240	1.9	13,747	0.5	83	282	0.4	3,132	0.3	80
15-20	67,176	4,787,733	1,784	4.5	19,384	0.4	69	514	1.3	5,289	0.2	50
21-44	267,360	15,926,251	4,719	4.9	49,308	0.3	42	2,475	2.6	25,606	0.3	76
45-64	67,967	5,077,053	785	5.7	8,063	0.4	58	330	2.4	3,531	0.3	159
65-74	22,445	1,864,161	266	5.6	2,865	0.6	92	50	1.0	575	0.2	122
75-84	13,903	985,979	224	9.7	2,299	0.6	76	25	1.1	292	0.1	8
85 and older	9,526	517,350	233	21.6	2,232	0.6	60	9	0.8	91	0.1	6
Male	1,063,419	120,638,898	23,753	9.5	266,378	0.7	121	5,924	2.4	65,663	0.5	264
Disabled	724,328	91,208,256	17,956	31.9	204,230	0.7	130	4,679	8.3	52,533	0.6	288
5 and younger	8,884	768,580	101	4.5	1,057	0.4	73	21	0.9	230	0.3	11
6-14	78,249	8,839,782	2,301	29.0	26,395	0.6	114	130	1.6	1,532	0.5	201
15-20	58,305	11,590,577	1,953	30.3	22,522	0.7	118	118	1.8	1,400	0.4	190
21-44	242,115	33,081,539	7,682	41.3	86,896	0.7	131	2,131	11.4	23,597	0.5	266
45-64	336,775	36,927,778	5,919	28.2	67,360	0.7	139	2,279	10.9	25,774	0.6	321
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
Other Eligibles	339,091	29,430,642	5,797	3.0	62,148	0.5	93	1,245	0.6	13,130	0.4	168
5 and younger	25,852	1,537,885	140	0.3	1,540	0.3	46	121	0.2	1,299	0.3	43
6-14	135,787	11,581,366	2,263	3.4	24,948	0.6	103	238	0.4	2,610	0.3	98
15-20	69,751	7,030,476	1,820	5.2	19,630	0.6	106	162	0.5	1,797	0.3	127
21-44	54,211	4,569,640	926	3.4	9,317	0.3	63	414	1.5	4,142	0.4	195
45-64	31,580	2,945,337	305	3.2	3,058	0.4	57	255	2.7	2,671	0.5	294
65-74	11,585	987,733	144	5.5	1,629	0.6	106	41	1.6	448	0.5	140
75-84	7,389	580,030	125	8.8	1,307	0.6	75	10	0.7	115	0.1	20
85 and older	2,936	198,175	74	17.0	719	0.7	83	4	0.9	48	0.2	49
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 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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 2004. 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 2004. 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(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[a, b, c]

NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

Beneficiary Characteristics	ANTIDEPRESSANTS					ANTICONVULSANT					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
All	**110,956**	**19.0 %**	**1,219,540**	**0.5**	**$26**	**48,983**	**8.4 %**	**546,434**	**0.7**	**$55**	**54,611**	**9.4 %**	**601,094**	**0.4**	**$32**
Female	76,316	22.9	836,952	0.5	26	29,799	8.9	331,795	0.6	51	36,276	10.9	401,358	0.4	32
Disabled	42,643	70.4	486,953	0.5	30	20,255	33.5	232,337	0.7	57	20,513	33.9	235,547	0.4	38
5 and younger	17	1.2	194	0.3	4	203	14.0	2,265	0.6	53	272	18.7	2,995	0.4	23
6-14	697	18.0	7,897	0.5	20	971	25.1	11,156	0.7	74	461	11.9	5,385	0.5	42
15-20	1,465	37.3	16,591	0.5	24	1,115	28.4	12,812	0.7	82	523	13.3	6,025	0.4	26
21-44	16,227	77.4	184,450	0.5	28	8,555	40.8	97,873	0.7	60	5,896	28.1	67,686	0.4	31
45-64	24,237	79.9	277,821	0.6	31	9,411	31.0	108,231	0.7	49	13,361	44.1	153,456	0.5	41
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
Other Eligibles	33,673	12.4	349,999	0.4	20	9,544	3.5	99,458	0.5	38	15,763	5.8	165,811	0.3	23
5 and younger	73	0.1	761	0.3	9	134	0.3	1,472	0.5	30	819	1.6	7,062	0.3	15
6-14	2,248	3.5	24,545	0.5	17	1,088	1.7	11,876	0.6	57	907	1.4	9,882	0.2	16
15-20	4,778	12.0	50,858	0.4	18	1,505	3.8	15,917	0.5	57	1,493	3.7	16,068	0.2	13
21-44	20,535	21.5	211,146	0.4	20	5,294	5.5	54,248	0.5	30	8,268	8.7	86,728	0.3	20
45-64	4,327	31.4	44,352	0.5	26	1,012	7.3	10,417	0.5	31	2,309	16.8	24,469	0.3	33
65-74	784	16.5	8,810	0.5	22	258	5.4	2,836	0.6	44	1,089	22.9	12,182	0.3	32
75-84	519	22.4	5,559	0.5	23	177	7.6	1,935	0.6	33	574	24.8	6,336	0.4	35
85 and older	409	37.8	3,968	0.7	21	76	7.0	757	0.7	20	304	28.1	3,084	0.6	38
Male	34,640	13.8	382,588	0.5	26	19,184	7.7	214,639	0.7	62	18,335	7.3	199,736	0.4	33
Disabled	23,048	41.0	260,494	0.5	27	14,295	25.4	162,498	0.7	65	11,521	20.5	130,347	0.5	38
5 and younger	24	1.1	266	0.4	7	276	12.2	3,061	0.6	60	431	19.1	4,754	0.4	24
6-14	1,661	20.9	19,181	0.6	23	1,812	22.8	20,879	0.7	69	569	7.2	6,618	0.5	34
15-20	1,768	27.4	20,371	0.5	28	1,592	24.7	18,483	0.8	82	498	7.7	5,695	0.5	28
21-44	8,758	47.0	97,748	0.5	28	5,701	30.6	64,300	0.8	70	3,431	18.4	38,754	0.4	34
45-64	10,837	51.7	122,928	0.5	27	4,914	23.4	55,775	0.7	54	6,592	31.4	74,526	0.5	41
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
Other Eligibles	11,592	6.0	122,094	0.4	21	4,889	2.5	52,141	0.6	52	6,814	3.5	69,389	0.3	26
5 and younger	105	0.2	1,110	0.2	7	223	0.4	2,380	0.4	38	1,087	2.1	9,527	0.3	17
6-14	3,235	4.9	35,493	0.5	22	1,723	2.6	18,955	0.6	54	796	1.2	8,599	0.2	22
15-20	3,218	9.2	34,511	0.4	23	1,411	4.0	15,208	0.6	68	762	2.2	8,100	0.3	19
21-44	2,996	11.1	29,778	0.4	19	881	3.3	8,750	0.5	36	2,041	7.6	20,445	0.3	27
45-64	1,361	14.4	13,814	0.4	22	387	4.1	3,919	0.5	32	1,176	12.5	12,312	0.3	31
65-74	330	12.7	3,735	0.5	20	151	5.8	1,685	0.8	44	540	20.7	5,996	0.3	30
75-84	228	16.0	2,478	0.5	23	81	5.7	897	0.7	32	315	22.1	3,457	0.4	34
85 and older	119	27.4	1,175	0.7	30	32	7.4	347	0.6	28	97	22.3	953	0.5	34
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 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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 2004. 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 2004. 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(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.7C

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,

BY SEX, BASIS OF ELIGIBILITY, AND AGE[a, b, c]

NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

Beneficiary Characteristics	ANALGESICS - Narcotic					ANTIASTHMATIC					MISC. HEMATOLOGICAL				
	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
All	**115,654**	**19.8 %**	**1,259,623**	**0.3**	**$15**	**103,552**	**17.7 %**	**1,122,675**	**0.3**	**$16**	**2,585**	**0.4 %**	**28,272**	**0.5**	**$491**
Female	80,029	24.0	872,799	0.3	13	60,963	18.3	664,929	0.3	16	1,304	0.4	14,391	0.5	64
Disabled	34,246	56.6	392,855	0.4	20	25,624	42.3	294,993	0.3	21	923	1.5	10,427	0.5	69
5 and younger	67	4.6	784	0.1	1	634	43.7	7,252	0.3	15	1	0.1	12	0.6	15
6-14	314	8.1	3,645	0.1	1	1,318	34.1	15,317	0.3	20	2	0.1	22	0.4	18
15-20	824	21.0	9,455	0.2	3	1,032	26.3	11,875	0.3	15	5	0.1	55	0.2	10
21-44	13,700	65.4	157,138	0.3	20	7,888	37.6	90,683	0.3	17	89	0.4	987	0.4	163
45-64	19,341	63.8	221,833	0.4	22	14,752	48.6	169,866	0.4	25	826	2.7	9,351	0.5	60
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
Other Eligibles	45,783	16.8	479,944	0.2	7	35,339	13.0	369,936	0.2	12	381	0.1	3,964	0.5	51
5 and younger	657	1.3	6,882	0.1	1	6,324	12.5	64,664	0.2	9	2	0.0	24	0.1	4
6-14	1,984	3.1	21,840	0.1	1	9,083	14.1	97,230	0.2	11	1	0.0	6	0.3	39
15-20	5,581	14.0	58,205	0.1	1	5,111	12.8	54,023	0.2	10	2	0.0	16	0.1	13
21-44	31,814	33.3	331,958	0.2	7	11,291	11.8	116,363	0.3	12	70	0.1	673	0.3	43
45-64	4,304	31.2	45,569	0.3	14	2,329	16.9	24,554	0.3	19	56	0.4	593	0.5	52
65-74	775	16.3	8,620	0.2	9	602	12.6	6,609	0.3	22	114	2.4	1,249	0.4	56
75-84	414	17.9	4,451	0.3	11	377	16.3	4,227	0.3	19	74	3.2	770	0.5	51
85 and older	254	23.5	2,419	0.4	15	222	20.5	2,266	0.4	18	62	5.7	633	0.6	53
Male	35,625	14.2	386,824	0.3	19	42,589	17.0	457,746	0.3	15	1,281	0.5	13,881	0.5	933
Disabled	20,029	35.6	225,016	0.4	27	14,240	25.3	162,038	0.4	21	913	1.6	10,120	0.5	1,086
5 and younger	150	6.7	1,706	0.1	1	1,097	48.6	12,420	0.3	14	4	0.2	48	0.5	3,524
6-14	558	7.0	6,568	0.1	2	2,734	34.4	31,554	0.3	15	9	0.1	108	0.7	10,763
15-20	950	14.7	10,933	0.1	2	1,337	20.7	15,432	0.3	16	10	0.2	120	1.1	44,844
21-44	7,612	40.9	85,256	0.4	25	3,181	17.1	35,914	0.3	18	91	0.5	941	0.5	3,404
45-64	10,759	51.3	120,553	0.5	32	5,891	28.1	66,718	0.4	27	799	3.8	8,903	0.5	121
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
Other Eligibles	15,596	8.0	161,808	0.2	8	28,349	14.6	295,708	0.2	13	368	0.2	3,761	0.5	523
5 and younger	1,013	1.9	10,750	0.1	1	9,077	17.3	91,721	0.2	11	3	0.0	28	0.8	2,122
6-14	2,282	3.5	25,009	0.1	1	12,217	18.5	130,269	0.2	12	10	0.0	115	0.4	6,908
15-20	3,353	9.5	35,500	0.1	1	3,926	11.2	41,659	0.2	12	8	0.0	62	0.6	11,344
21-44	6,031	22.4	59,775	0.3	15	1,671	6.2	16,311	0.3	16	56	0.2	530	0.5	430
45-64	2,206	23.4	22,971	0.3	14	795	8.4	8,430	0.3	22	109	1.2	1,027	0.5	77
65-74	413	15.8	4,659	0.2	9	338	13.0	3,820	0.4	25	67	2.6	724	0.4	54
75-84	214	15.0	2,356	0.2	10	245	17.2	2,729	0.3	21	80	5.6	921	0.4	48
85 and older	84	19.3	788	0.4	8	80	18.4	769	0.2	15	35	8.0	354	0.6	54
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 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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 2004. 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 2004. 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(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.

Beneficiary Characteristics	STIMULANTS/ANTI-OBESITY/ANOREXIANTS					ANTIHYPERLIPIDEMIC						
	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
All	27,247	4.7 %	296,646	0.5	$44	26,304	4.5 %	294,368	0.5	$42	583,746	4,833,159
Female	8,852	2.7	96,787	0.5	41	15,790	4.7	177,663	0.5	41	333,094	2,752,891
Disabled	2,627	4.3	30,033	0.5	44	11,070	18.3	127,424	0.5	44	60,531	650,976
5 and younger	26	1.8	286	0.4	29	2	0.1	16	0.3	24	1,451	14,290
6-14	815	21.1	9,292	0.6	44	8	0.2	96	0.4	19	3,868	42,121
15-20	453	11.5	5,186	0.5	44	30	0.8	340	0.3	25	3,931	41,522
21-44	744	3.6	8,520	0.5	42	1,371	6.5	15,801	0.5	35	20,953	225,282
45-64	589	1.9	6,749	0.6	48	9,659	31.8	111,171	0.5	45	30,328	327,761
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
Other Eligibles	6,225	2.3	66,754	0.5	39	4,720	1.7	50,239	0.4	36	272,563	2,101,915
5 and younger	147	0.3	1,584	0.3	26	6	0.0	68	0.4	27	50,751	342,587
6-14	3,529	5.5	38,027	0.5	40	23	0.0	247	0.4	38	64,462	537,356
15-20	1,344	3.4	14,595	0.5	38	50	0.1	539	0.3	24	39,918	314,025
21-44	965	1.0	10,056	0.5	37	1,401	1.5	14,325	0.4	29	95,490	717,861
45-64	221	1.6	2,300	0.5	43	1,424	10.3	14,777	0.5	38	13,784	112,334
65-74	7	0.1	73	0.4	12	1,192	25.0	13,419	0.4	40	4,762	46,263
75-84	5	0.2	47	0.4	12	499	21.6	5,581	0.5	40	2,315	22,376
85 and older	7	0.6	72	0.4	6	125	11.6	1,283	0.6	41	1,081	9,113
Male	18,395	7.3	199,859	0.6	45	10,514	4.2	116,705	0.5	42	250,652	2,080,268
Disabled	5,615	10.0	63,969	0.6	46	7,133	12.7	81,170	0.6	44	56,233	588,674
5 and younger	143	6.3	1,598	0.4	26	7	0.3	80	0.2	8	2,255	22,158
6-14	3,245	40.9	36,884	0.6	48	18	0.2	216	0.5	21	7,943	86,263
15-20	1,349	20.9	15,646	0.6	49	32	0.5	363	0.4	27	6,448	69,039
21-44	580	3.1	6,510	0.5	40	1,404	7.5	16,055	0.5	37	18,618	192,222
45-64	298	1.4	3,331	0.6	40	5,672	27.0	64,456	0.6	46	20,969	218,992
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
Other Eligibles	12,780	6.6	135,890	0.5	44	3,381	1.7	35,535	0.4	37	194,419	1,491,594
5 and younger	456	0.9	4,887	0.3	22	10	0.0	92	0.2	15	52,518	355,275
6-14	9,110	13.8	96,819	0.6	45	61	0.1	696	0.4	28	66,026	549,621
15-20	2,877	8.2	30,810	0.5	48	57	0.2	562	0.3	25	35,116	287,293
21-44	241	0.9	2,411	0.5	35	989	3.7	10,090	0.4	31	26,870	181,411
45-64	86	0.9	845	0.5	42	1,332	14.1	13,605	0.5	40	9,422	74,883
65-74	3	0.1	34	0.3	6	550	21.1	6,187	0.4	40	2,607	25,279
75-84	5	0.4	60	0.5	7	330	23.2	3,743	0.4	41	1,425	14,021
85 and older	2	0.5	24	0.6	13	52	12.0	560	0.4	39	435	3,811
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 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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 2004. 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 2004. 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(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.

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,

BY BENEFICIARY CHARACTERISTIC[a, b]

NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

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
All	**$387**	**6.8**	**2,255**	**23,972**
Age				
0-64	477	7.3	1,292	14,545
65-74	385	7.2	183	1,846
75-84	274	6.5	328	3,250
85 and older	171	5.2	452	4,331
Unknown	0	0.0	0	0
Gender				
Female	390	7.1	1,338	14,069
Male	383	6.3	917	9,903
Unknown	0	0.0	0	0
Race				
White	398	6.9	1,599	17,307
African American	480	6.8	146	1,671
Other/unknown	317	6.4	510	4,994
Basis of Eligibility[c]				
Aged	248	6.1	963	9,427
Disabled	479	7.3	1,278	14,421
Adults	582	8.4	7	41
Children	76	1.5	7	83
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2004 Medicaid enrollment. A total of 3,155 beneficiaries who were in nursing facilities for part of their enrollment and their 32,561 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.

TABLE ND.9

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,

BY BRAND STATUS AND THERAPEUTIC CATEGORY [a, b, c, d, e]

NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

Therapeutic Category	Number of Rx per Benefit Month Among Users				$ per Benefit Month Among Users				$ per Rx				Total Number of Rx	Total Rx $	Users		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			Number of Users	As a Percentage of All-Year Nursing Facility Residents	
Anti-infective Agents	0.5	0.2	0.0	0.2	$43	$35	$3	$5	$92	$164	$110	$23	7,152	$655,038	1,373	60.9 %	15,073
Biologicals	0.1	0.0	0.0	0.1	2	0	0	2	26	0	0	26	24	626	22	1.0	255
Antineoplastic Agents	0.7	0.1	0.0	0.5	124	80	0	44	181	544	0	83	743	134,747	105	4.7	1,086
Endocrine/Metabolic Drugs	1.2	0.4	0.1	0.6	39	29	3	7	33	67	23	12	11,399	378,315	887	39.3	9,609
Cardiovascular Agents	2.0	0.4	0.0	1.5	43	24	1	18	22	60	18	12	26,367	584,498	1,259	55.8	13,486
Respiratory Agents	1.1	0.6	0.0	0.5	51	43	1	7	48	76	119	14	8,326	398,750	713	31.6	7,873
Gastrointestinal Agents	1.2	0.6	0.0	0.6	66	53	2	11	55	94	52	19	16,030	878,920	1,227	54.4	13,347
Genitourinary Agents	0.6	0.3	0.0	0.2	32	25	1	6	52	75	35	23	2,565	133,919	386	17.1	4,235
CNS Drugs	2.0	0.7	0.1	1.2	164	128	7	29	83	176	75	25	35,344	2,931,855	1,644	72.9	17,891
Stimulants/Anti-obesity/Anorexia	0.5	0.1	0.0	0.5	15	5	0	10	28	97	0	20	253	7,119	45	2.0	474
Miscellaneous Psychological/ Neurological Agents	0.9	0.9	0.0	0.0	179	179	0	0	202	202	0	1	2,157	435,475	232	10.3	2,438
Analgesics and Anesthetics	0.9	0.3	0.0	0.6	55	42	4	9	59	135	201	15	8,869	524,834	906	40.2	9,611
Neuromuscular Agents	1.6	0.6	0.1	0.9	116	72	16	29	72	127	115	32	20,228	1,456,151	1,111	49.3	12,547
Nutritional Products	0.8	0.0	0.0	0.7	15	0	0	14	20	15	12	20	3,863	76,041	473	21.0	5,063
Hematological Agents	1.5	0.2	0.1	1.2	42	32	1	9	29	187	11	7	9,902	285,689	635	28.2	6,793
Topical Products	0.6	0.2	0.0	0.4	26	18	2	7	41	78	48	18	8,767	360,938	1,226	54.4	13,645
Miscellaneous Products	0.3	0.0	0.0	0.2	25	7	0	17	84	156	184	70	343	28,771	104	4.6	1,150
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	5	0	0	0	16	0	0	0	372	5,908	103	4.6	1,112
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.	162,704	9,277,594	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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 2004. A total of 3,155 beneficiaries who were in nursing facilities for part of their enrollment and their 32,561 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 2004. 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.medispan.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.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615 (October 26, 2007).

In Massachusetts, 0.4 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.

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[a, b, c, d]

NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

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	Number of Rx per Benefit Month	$ per Rx	Rx $ per Benefit Month
ANTIPSYCHOTICS	$2,146,143	1,260	55.9 %	13,966	0.9	$168	$154
ANTICONVULSANT	1,151,392	1,208	53.6	13,796	1.1	79	83
ULCER DRUGS	725,237	1,209	53.6	13,273	0.8	66	55
ANTIDEPRESSANTS	690,681	1,685	74.7	18,473	0.9	43	37
MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL	435,475	269	11.9	2,836	0.8	202	154
ANALGESICS - Narcotic	361,727	834	37.0	8,701	0.6	65	42
ANTIASTHMATIC	324,668	1,007	44.7	11,104	0.6	49	29
ANTIVIRAL	299,384	159	7.1	1,814	0.5	366	165
ANTIHYPERLIPIDEMIC	261,722	443	19.6	4,913	0.9	63	53
ANTIDIABETIC	257,033	710	31.5	7,779	0.9	36	33
Total	6,653,462	8,784		96,655	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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 2004. A total of 3,155 beneficiaries who were in nursing facilities for part of their enrollment and their 32,561 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 2004. 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 2004 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.

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[a, b, c, d]

NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

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 $
All	**80,850**	**$6,653,462**	**1,260**	**55.9 %**	**13,966**	**0.9**	**$154**	**1,208**	**53.6 %**	**13,796**	**1.1**	**$84**
Female	48,607	3,851,975	762	57.0	8,353	0.9	141	681	50.9	7,737	1.0	79
Disabled	30,752	2,774,929	411	65.3	4,753	1.0	176	476	75.7	5,503	1.1	91
64 or younger	30,752	2,774,929	411	65.3	4,753	1.0	176	476	75.7	5,503	1.1	91
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
Other Eligibles	17,855	1,077,046	351	49.5	3,600	0.8	94	205	28.9	2,234	0.9	47
64 or younger	85	8,050	2	28.6	13	0.5	85	1	14.3	12	0.5	24
65-74	4,626	332,677	91	73.4	965	0.9	127	74	59.7	820	0.9	64
75-84	6,441	403,026	114	48.9	1,178	0.8	104	86	36.9	951	0.9	47
85 and older	6,703	333,293	144	41.7	1,444	0.7	64	44	12.8	451	0.8	20
Male	32,243	2,801,487	498	54.3	5,613	0.9	173	527	57.5	6,059	1.1	90
Disabled	24,712	2,290,435	343	52.9	3,944	1.0	194	431	66.4	4,996	1.1	98
64 or younger	24,712	2,290,435	343	52.9	3,944	1.0	194	431	66.4	4,996	1.1	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
Other Eligibles	7,531	511,052	155	57.8	1,669	0.9	123	96	35.8	1,063	1.0	50
64 or younger	88	8,317	1	14.3	4	0.3	8	3	42.9	23	1.6	152
65-74	2,364	175,213	51	86.4	576	1.0	158	36	61.0	404	1.2	58
75-84	3,090	201,640	61	64.2	666	0.8	108	38	40.0	432	0.9	44
85 and older	1,989	125,882	42	39.3	423	0.7	102	19	17.8	204	0.8	35
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 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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 2004. A total of 3,155 beneficiaries who were in nursing facilities for part of their enrollment and their 32,561 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 2004. 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 2004 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.

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[a, b, c, d]
NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

Beneficiary Characteristics	ULCER DRUGS					ANTIDEPRESSANTS					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 $
All	**1,209**	**53.6 %**	**13,273**	**0.8**	**$55**	**1,685**	**74.7 %**	**18,473**	**0.9**	**$37**	**269**	**11.9 %**	**2,836**	**0.8**	**$154**
Female	730	54.6	7,964	0.8	54	1,060	79.2	11,492	0.9	38	181	13.5	1,867	0.7	156
Disabled	414	65.8	4,741	0.9	61	529	84.1	6,009	0.9	44	42	6.7	487	0.8	421
64 or younger	414	65.8	4,741	0.9	61	529	84.1	6,009	0.9	44	42	6.7	487	0.8	421
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
Other Eligibles	316	44.6	3,223	0.7	43	531	74.9	5,483	0.8	32	139	19.6	1,380	0.7	63
64 or younger	6	85.7	64	0.8	41	1	14.3	12	0.1	6	0	0.0	0	0.0	0
65-74	66	53.2	644	0.7	46	97	78.2	1,051	0.9	44	16	12.9	166	0.7	60
75-84	103	44.2	1,061	0.7	40	187	80.3	1,985	0.8	37	41	17.6	412	0.7	76
85 and older	141	40.9	1,454	0.8	43	246	71.3	2,435	0.8	23	82	23.8	802	0.7	57
Male	479	52.2	5,309	0.8	56	625	68.2	6,981	0.9	36	88	9.6	969	0.8	148
Disabled	349	53.8	3,977	0.9	59	415	63.9	4,757	0.9	39	38	5.9	453	0.8	237
64 or younger	349	53.8	3,977	0.9	59	415	63.9	4,757	0.9	39	38	5.9	453	0.8	237
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
Other Eligibles	130	48.5	1,332	0.7	48	210	78.4	2,224	0.8	30	50	18.7	516	0.8	70
64 or younger	2	28.6	11	0.5	92	4	57.1	35	0.9	8	0	0.0	0	0.0	0
65-74	35	59.3	381	0.7	52	57	96.6	623	0.8	24	9	15.3	90	0.9	100
75-84	50	52.6	525	0.8	54	79	83.2	834	0.8	31	18	18.9	200	0.7	55
85 and older	43	40.2	415	0.7	37	70	65.4	732	0.7	34	23	21.5	226	0.8	72
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 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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 2004. A total of 3,155 beneficiaries who were in nursing facilities for part of their enrollment and their 32,561 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 2004. 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 2004 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.

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[a, b, c, d]
NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

Beneficiary Characteristics	ANALGESICS - Narcotic					ANTIASTHMATIC					ANTIVIRAL				
	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 $
All	**834**	**37.0 %**	**8,701**	**0.6**	**$42**	**1,007**	**44.7 %**	**11,104**	**0.6**	**$29**	**159**	**7.1 %**	**1,814**	**0.5**	**$165**
Female	544	40.7	5,691	0.7	39	609	45.5	6,762	0.6	31	92	6.9	1,051	0.4	150
Disabled	308	49.0	3,439	0.8	48	386	61.4	4,444	0.7	36	69	11.0	811	0.5	189
r	308	49.0	3,439	0.8	48	386	61.4	4,444	0.7	36	69	11.0	811	0.5	189
64 or younge	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
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															
Other Eligibles	236	33.3	2,252	0.5	25	223	31.5	2,318	0.5	21	23	3.2	240	0.2	19
r	2	28.6	5	1.2	122	1	14.3	12	0.1	1	2	28.6	8	2.0	422
64 or younge	53	42.7	483	0.7	35	47	37.9	454	0.6	34	3	2.4	33	0.1	4
65-74	76	32.6	782	0.5	24	79	33.9	820	0.4	18	10	4.3	120	0.1	5
75-84	105	30.4	982	0.5	22	96	27.8	1,032	0.4	18	8	2.3	79	0.1	7
85 and older															
Male	290	31.6	3,010	0.6	46	398	43.4	4,342	0.6	26	67	7.3	763	0.5	185
Disabled	212	32.7	2,303	0.6	53	314	48.4	3,523	0.7	29	60	9.2	703	0.5	193
r	212	32.7	2,303	0.6	53	314	48.4	3,523	0.7	29	60	9.2	703	0.5	193
64 or younge	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
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															
Other Eligibles	78	29.1	707	0.5	24	84	31.3	819	0.4	16	7	2.6	60	0.3	93
r	2	28.6	16	0.1	2	0	0.0	0	0.0	0	3	42.9	12	0.7	268
64 or younge	16	27.1	155	0.2	3	25	42.4	246	0.5	17	0	0.0	0	0.0	0
65-74	25	26.3	241	0.5	52	36	37.9	379	0.4	20	2	2.1	24	0.1	8
75-84	35	32.7	295	0.5	13	23	21.5	194	0.3	9	2	1.9	24	0.2	89
85 and older															
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 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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 2004. A total of 3,155 beneficiaries who were in nursing facilities for part of their enrollment and their 32,561 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 2004. 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 2004 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.

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[a, b, c, d]
NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

| Beneficiary Characteristics | ANTIHYPERLIPIDEMIC | | | | | ANTIDIABETIC | | | | | 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 $		
All	443	19.6 %	4,913	0.9	$53	710	31.5 %	7,779	0.9	$33	2,255	23,972
Female	280	20.9	3,087	0.9	55	431	32.2	4,744	0.9	31	1,338	14,069
Disabled	154	24.5	1,768	0.9	60	217	34.5	2,473	0.9	37	629	7,177
	154	24.5	1,768	0.9	60	217	34.5	2,473	0.9	37	629	7,177
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
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 / Other Eligibles	126	17.8	1,319	0.9	49	214	30.2	2,271	0.8	25	709	6,892
	0	0.0	0	0.0	0	0	0.0	0	0.0	0	7	65
64 or younger	35	28.2	365	0.8	53	59	47.6	650	0.9	30	124	1,231
65-74	49	21.0	520	0.9	53	86	36.9	933	0.8	29	233	2,289
75-84	42	12.2	434	0.8	40	69	20.0	688	0.7	16	345	3,307
85 and older												
Male	163	17.8	1,826	0.8	50	279	30.4	3,035	1.0	36	917	9,903
Disabled	111	17.1	1,282	0.8	52	181	27.9	2,044	1.0	41	649	7,244
	111	17.1	1,282	0.8	52	181	27.9	2,044	1.0	41	649	7,244
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
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 / Other Eligibles	52	19.4	544	0.8	46	98	36.6	991	0.8	25	268	2,659
	0	0.0	0	0.0	0	0	0.0	0	0.0	0	7	59
64 or younger	14	23.7	160	0.8	44	22	37.3	225	0.8	25	59	615
65-74	24	25.3	246	0.9	48	45	47.4	497	0.9	28	95	961
75-84	14	13.1	138	0.7	44	31	29.0	269	0.7	19	107	1,024
85 and older												
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 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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 2004. A total of 3,155 beneficiaries who were in nursing facilities for part of their enrollment and their 32,561 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 2004. 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 2004 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.11

USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D

AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC[a,b]

MASSACHUSETTS, 2004

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
All	**106,477**	**18.2 %**	**0.9**	**544,039**	**$12**	**$6,895,870**	**$13**	**1.9 %**	**583,746**
Age									
5 and younger	16,180	15.1	0.3	35,047	3	350,072	10	3.5	106,975
6-14	13,657	9.6	0.3	36,429	5	713,972	20	1.8	142,299
15-20	8,547	10.0	0.3	28,186	8	715,096	25	1.9	85,413
21-44	34,781	21.5	1.2	196,526	14	2,318,209	12	1.9	161,931
45-64	29,966	40.2	3.1	230,626	35	2,633,200	11	1.8	74,503
65-74	1,938	26.3	1.3	9,246	11	84,182	9	1.4	7,369
75-84	1,012	27.1	1.4	5,398	15	54,387	10	1.6	3,740
85 and older	396	26.1	1.7	2,581	18	26,752	10	1.9	1,516
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Basis of Eligibility[c]									
Aged	3,346	26.5	1.4	17,225	13	165,321	10	1.5	12,621
Disabled	46,509	39.8	3.1	365,000	42	4,882,503	13	1.9	116,764
Adults	25,001	15.9	0.6	94,167	6	979,236	10	1.9	156,973
Children	31,621	10.6	0.2	67,647	3	868,810	13	1.8	297,388
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Gender									
Female	68,347	20.5	1.1	361,352	13	4,309,487	12	2.1	333,094
Male	38,130	15.2	0.7	182,687	10	2,586,383	14	1.6	250,652
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Race									
White	58,536	22.9	1.5	379,748	19	4,835,253	13	1.9	255,947
African American	9,292	15.8	0.6	37,301	9	505,273	14	1.7	58,641
Other/unknown	38,649	14.4	0.5	126,990	6	1,555,344	12	1.8	269,158
Use of Nursing Facilities[d]									
Entire year	1,059	47.0	5.3	12,062	95	215,085	18	2.3	2,255
Part year	2,162	68.5	6.6	20,755	95	300,353	14	2.4	3,155
None	103,256	17.9	0.9	511,222	11	6,380,432	12	1.8	578,336
Maintenance Assistance Status									
Cash	48,765	30.4	2.1	339,403	27	4,289,770	13	1.9	160,455
Medically needy	1,991	28.6	1.6	11,281	30	205,301	18	2.6	6,956
Poverty related	30,221	11.8	0.4	93,790	5	1,259,047	13	1.8	255,751
Other/unknown	25,500	15.9	0.6	99,565	7	1,141,752	11	1.7	160,584

Source: Data for this table are from the MAX 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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 2004.

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.

USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D
AMONG NONDUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC[a,b]
MASSACHUSETTS, 2004

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
All	**0.1**	**$1**	**$13**	**$0**	**$1**	**4,833,159**
Age						
5 and younger	0.0	0	10	0	0	734,310
6-14	0.0	1	20	0	0	1,215,361
15-20	0.0	1	25	0	0	711,879
21-44	0.1	2	12	0	1	1,316,776
45-64	0.3	4	11	0	2	733,970
65-74	0.1	1	9	0	0	71,542
75-84	0.1	1	10	0	1	36,397
85 and older	0.2	2	10	0	1	12,924
Unknown	0.0	0	0	0	0	0
Basis of Eligibility[c]						
Aged	0.1	1	10	0	0	120,837
Disabled	0.3	4	13	0	2	1,239,650
Adults	0.1	1	10	0	0	1,170,553
Children	0.0	0	13	0	0	2,302,119
Unknown	0.0	0	0	0	0	0
Gender						
Female	0.1	2	12	0	1	2,752,891
Male	0.1	1	14	0	1	2,080,268
Unknown	0.0	0	0	0	0	0
Race						
White	0.2	2	13	0	1	2,296,715
African American	0.1	1	14	0	0	463,572
Other/unknown	0.1	1	12	0	0	2,072,872
Use of Nursing Facilities[d]						
Entire year	0.5	9	18	0	5	23,972
Part year	0.6	9	14	0	4	32,561
None	0.1	1	12	0	1	4,776,626
Maintenance Assistance Status						
Cash	0.2	3	13	0	1	1,519,373
Medically needy	0.2	3	18	0	1	69,260
Poverty related	0.0	1	13	0	0	1,982,281
Other/unknown	0.1	1	11	0	0	1,262,245

Source: Data for this table are from the MAX 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

a. Table ND.12 includes the beneficaries 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 2004.

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 beneficaries 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.

USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D

FOR SELECTED DRUG CATEGORIES AMONG NONDUALS[a,b,c]

MASSACHUSETTS, 2004

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
All	**128,682**	**$54**	**$6,895,870**	**100.0 %**	**544,039**	**$13**	**100.0 %**
Anorexia or weight loss/gain	3	48	145	0.0	3	48	0.0
Fertility drugs	2	77	154	0.0	2	77	0.0
Drugs for cosmetic purposes	542	11	5,981	0.1	775	8	0.1
Cough and cold medications	4,928	36	179,036	2.6	7,482	24	1.4
Vitamins and minerals	14,528	51	735,604	10.7	47,581	15	8.7
Non-prescription drugs	56,610	20	1,120,784	16.3	178,316	6	32.8
Barbiturates	1,308	53	68,963	1.0	11,381	6	2.1
Benzodiazepines	42,748	75	3,205,914	46.5	268,189	12	49.3
Other Part D Excl Rx Drugs	8,013	197	1,579,289	22.9	30,310	52	5.6

Source: Data for this table are from the MAX 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

a. Table ND.13 includes the beneficaries represented by Cell K of Table 1. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2004. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2004. 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.

CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY[a, b]

NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Disabled	Adults	Children	Unknown	All	Aged	Disabled	Adults	Children	Unknown
All	**822,217**	**12,630**	**134,471**	**228,905**	**446,211**	**0**	**8,221,902**	**121,179**	**1,494,606**	**2,210,288**	**4,395,829**	**0**
Age												
5 and younger	167,301	0	4,577	0	162,724	0	1,579,145	0	49,266	0	1,529,879	0
6-14	208,448	0	14,043	0	194,405	0	2,161,364	0	160,907	0	2,000,457	0
15-20	116,159	0	11,481	15,633	89,045	0	1,142,232	0	127,188	149,745	865,299	0
21-44	226,887	0	45,895	180,961	31	0	2,257,573	0	509,793	1,747,630	150	0
45-64	90,786	0	58,475	32,305	6	0	960,364	0	647,452	312,868	44	0
65-74	7,380	7,374	0	6	0	0	71,898	71,853	0	45	0	0
75-84	3,740	3,740	0	0	0	0	36,402	36,402	0	0	0	0
85 and older	1,516	1,516	0	0	0	0	12,924	12,924	0	0	0	0
Unknown	0	0	0	0	0	0		0	0	0	0	0
Gender												
Female	475,737	8,159	70,607	175,584	221,387	0	4,787,290	77,936	795,651	1,728,118	2,185,585	0
Male	346,480	4,471	63,864	53,321	224,824	0	3,434,612	43,243	698,955	482,170	2,210,244	0
Unknown	0	0	0	0	0	0		0	0	0	0	0
Race												
White	335,440	5,253	98,186	86,580	145,421	0	3,428,031	52,147	1,106,993	832,727	1,436,164	0
African American	89,649	1,357	12,567	23,996	51,729	0	897,428	13,399	141,284	229,832	512,913	0
Other/unknown	397,128	6,020	23,718	118,329	249,061	0	3,896,443	55,633	246,329	1,147,729	2,446,752	0
Use of Nursing Facilities[c]												
Entire year	2,255	963	1,278	7	7	0	23,989	9,429	14,434	43	83	0
Part year	3,164	523	2,461	131	49	0	33,678	4,675	27,109	1,386	508	0
None	816,798	11,144	130,732	228,767	446,155	0	8,164,235	107,075	1,453,063	2,208,859	4,395,238	0
Maintenance Assistance Status												
Cash	222,730	1,800	103,165	44,829	72,936	0	2,427,928	19,692	1,185,795	439,823	782,618	0
Medically needy	7,255	3,819	3,436	0	0	0	73,318	39,210	34,108	0	0	0
Poverty related	363,322	972	19,153	0	343,197	0	3,497,853	8,909	187,572	0	3,301,372	0
Other/unknown	228,910	6,039	8,717	184,076	30,078	0	2,222,803	53,368	87,131	1,770,465	311,839	0
Managed Care (MC) Status												
Fee-for-service (FFS) all year	427,398	12,569	107,981	104,024	202,824	0	4,183,250	120,524	1,193,137	956,918	1,912,671	0
FFS part year, with Rx claims	65,557	41	6,121	25,221	34,174	0	689,512	478	70,181	259,823	359,030	0
FFS part year, no Rx claims	90,791	11	2,662	27,728	60,390	0	825,117	114	26,676	241,434	556,893	0
MC all year, with Rx claims	11,610	1	786	4,770	6,053	0	121,795	12	9,002	53,678	59,103	0
MC all year, no Rx claims	226,861	8	16,921	67,162	142,770	0	2,402,228	51	195,610	698,435	1,508,132	0

Source: Data for this table are from the MAX 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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[a]

NONDUAL BENEFICIARIES, MASSACHUSETTS, 2004

	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
All	**822,217**	**8,221,902**	**583,746**	**4,833,159**	**0**	**3,388,743**
Fee-for-service (FFS) all year	427,398	4,183,250	427,398	4,183,250	0	0
FFS part year, with Rx claims	65,557	689,512	65,557	366,796	0	322,716
FFS part year, with no Rx claims	90,791	825,117	90,791	283,113	0	542,004
Managed care (MC) all year, with Rx claims	11,610	121,795	0	0	0	121,795
MC all year, with no Rx claims	226,861	2,402,228	0	0	0	2,402,228

Source: Data for this table are from the MAX 2004 file for Massachusetts, released by CMS in 01/2008. This table was produced on 03/25/2008.

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.