

STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2001 MASSACHUSETTS

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TABLE ND.2

CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a,b}
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Beneficiary Characteristics	No. of Benes							No. of Bene Mos						
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown		
All	656,423	9,431	114,876	181,080	351,036	0	6,016,197	89,283	1,232,106	1,586,832	3,107,976	0		
Age														
5 and younger	129,043	3	4,202	0	124,838	0	1,051,821	33	40,787	0	1,011,001	0		
6-14	170,840	3	11,845	0	158,992	0	1,613,406	13	129,966	0	1,483,427	0		
15-20	89,450	5	8,847	13,468	67,130	0	826,909	41	94,892	118,862	613,114	0		
21-44	186,517	28	40,965	145,450	74	0	1,705,248	293	437,853	1,266,673	429	0		
45-64	70,093	128	47,886	22,077	2	0	718,004	1,179	516,234	200,586	5	0		
65-74	6,231	5,183	973	75	0	0	61,077	49,775	10,672	630	0	0		
75-84	2,872	2,768	97	7	0	0	27,622	26,512	1,048	62	0	0		
85 and older	1,377	1,313	61	3	0	0	12,110	11,437	654	19	0	0		
Unknown	0	0	0	0	0	0	0	0	0	0	0	0		
Gender														
Female	379,251	6,088	59,032	140,123	174,008	0	3,486,659	57,607	642,867	1,245,589	1,540,596	0		
Male	277,172	3,343	55,844	40,957	177,028	0	2,529,538	31,676	589,239	341,243	1,567,380	0		
Unknown	0	0	0	0	0	0	0	0	0	0	0	0		
Race														
White	326,564	4,629	91,677	81,701	148,557	0	3,173,848	44,519	997,885	746,533	1,384,911	0		
African American	71,118	991	10,127	18,699	41,301	0	638,855	9,866	109,229	156,478	363,282	0		
Other/unknown	258,741	3,811	13,072	80,680	161,178	0	2,203,494	34,898	124,992	683,821	1,359,783	0		
Use of Nursing Facilities^c														
Entire year	2,283	951	1,322	3	7	0	24,103	9,330	14,676	32	65	0		
Part year	3,084	424	2,466	127	67	0	31,952	3,832	26,198	1,279	643	0		
None	651,056	8,056	111,088	180,950	350,962	0	5,960,142	76,121	1,191,232	1,585,521	3,107,268	0		
Maintenance Assistance Status														
Cash	203,125	1,409	85,494	39,895	76,327	0	1,999,180	14,907	957,521	350,142	676,610	0		
Medically needy	8,933	3,004	5,929	0	0	0	84,497	30,216	54,281	0	0	0		
Poverty-related	268,376	773	15,482	0	252,121	0	2,359,228	7,071	143,881	0	2,208,276	0		
Other/unknown	175,989	4,245	7,971	141,185	22,588	0	1,573,292	37,089	76,423	1,236,690	223,090	0		
Managed Care Status														
FFS all year	534,031	9,367	109,069	140,239	275,356	0	5,404,836	88,826	1,200,596	1,380,002	2,735,412	0		
FFS part year, with Rx claims	64,075	48	4,145	24,173	35,709	0	387,808	357	25,623	147,784	214,044	0		
FFS part year, no Rx claims	58,317	16	1,662	16,668	39,971	0	223,553	100	5,887	59,046	158,520	0		

Table ND2

Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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 = Center for Medicare and Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; Rx = pharmacy benefit.

TABLE ND.3

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC^{a,b}
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Beneficiary Characteristics	% with at Least One Rx	Mean No. of Rx	Mean Rx \$	\$ per Rx	Mean \$, All Services	Rx \$ as % of All Services	No. of Benefes
All	63.1 %	9.4	\$516	\$55	\$3,558	14.5 %	656,423
Age							
5 and younger	58.7	2.9	91	31	2,318	3.9	129,043
6-14	54.0	3.9	208	53	1,794	11.6	170,840
15-20	56.7	5.0	261	53	2,672	9.8	89,450
21-44	70.8	12.4	716	58	4,393	16.3	186,517
45-64	80.1	31.2	1,795	58	8,418	21.3	70,093
65-74	67.0	17.4	844	49	5,538	15.2	6,231
75-84	65.5	20.2	910	45	8,554	10.6	2,872
85 and older	66.2	23.9	862	36	16,240	5.3	1,377
Unknown	0.0	0.0	0	0	0	0.0	0
Basis of Eligibility^c							
Aged	65.3	17.5	780	45	7,486	10.4	9,431
Disabled	81.4	30.0	1,951	65	11,533	16.9	114,876
Adults	67.5	8.3	363	44	2,044	17.8	181,080
Children	54.7	3.1	119	38	1,623	7.3	351,036
Unknown	0.0	0.0	0	0	0	0.0	0
Gender							
Female	66.6	10.6	533	50	3,434	15.5	379,251
Male	58.2	7.8	494	63	3,728	13.2	277,172
Unknown	0.0	0.0	0	0	0	0.0	0
Race							
White	70.2	13.8	789	57	4,894	16.1	326,564
African American	57.0	7.1	393	55	3,502	11.2	71,118
Other/unknown	55.7	4.6	207	45	1,887	11.0	258,741
Use of Nursing Facilities^d							
Entire year	89.4	60.0	3,029	51	62,984	4.8	2,283
Part year	93.1	58.9	3,440	58	51,878	6.6	3,084
None	62.8	9.0	494	55	3,121	15.8	651,056
Maintenance Assistance Status							
Cash	73.2	17.6	1,062	60	6,623	16.0	203,125
Medically needy	62.4	14.9	1,093	73	6,654	16.4	8,933
Poverty related	54.1	4.3	201	47	2,034	9.9	268,376
Other/unknown	65.1	7.6	339	45	2,186	15.5	175,989

Table ND3

Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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. 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 of Table 1 for methodology used to determine nursing facility residence.
- Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.4
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Beneficiary Characteristics	Mean No. of Rx	Mean Rx \$	Rx \$ as % of All Services	No. of Rx, % with:						Mean \$, All Services	Benes	Bene Mos
				None	More than 0, but 1 or Less	More than 1, but 2 or Less	More than 2, but 5 or Less	Less than 5, but 10 or More	More than 10			
All	1.0	\$56	14.5 %	36.9 %	46.0 %	6.5 %	7.2 %	2.7 %	0.6 %	\$388	656,423	6,016,197
Age												
5 and younger	0.4	11	3.9	41.3	54.6	2.8	1.2	0.1	0.0	284	129,043	1,051,821
6-14	0.4	22	11.6	46.0	47.2	3.7	2.8	0.3	0.0	190	170,840	1,613,406
15-20	0.5	28	9.8	43.3	47.7	4.8	3.5	0.6	0.1	289	89,450	826,909
21-44	1.4	78	16.3	29.2	46.2	10.0	10.3	3.5	0.8	481	186,517	1,705,248
45-64	3.0	175	21.3	19.9	27.0	12.6	24.2	12.8	3.5	822	70,093	718,004
65-74	1.8	86	15.2	33.0	32.5	12.2	15.6	5.7	1.0	565	6,231	61,077
75-84	2.1	95	10.6	34.5	26.8	11.0	16.7	9.3	1.6	889	2,872	27,622
85 and older	2.7	98	5.3	33.8	18.2	9.9	23.2	11.6	3.1	1,847	1,377	12,110
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Basis of Eligibility^c												
Aged	1.8	82	10.4	34.7	30.1	11.2	15.9	6.9	1.2	791	9,431	89,283
Disabled	2.8	182	16.9	18.6	30.1	13.0	23.5	11.6	3.1	1,075	114,876	1,232,106
Adults	0.9	42	17.8	32.5	49.4	9.0	7.1	1.7	0.3	233	181,080	1,586,832
Children	0.4	13	7.3	45.3	49.8	3.0	1.6	0.2	0.0	183	351,036	3,107,976
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Gender												
Female	1.2	58	15.5	33.4	47.4	7.3	7.9	3.2	0.8	374	379,251	3,486,659
Male	0.9	54	13.2	41.8	44.0	5.5	6.2	2.0	0.5	409	277,172	2,529,538
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Race												
White	1.4	81	16.1	29.8	45.5	8.4	10.8	4.4	1.1	504	326,564	3,173,848
African American	0.8	44	11.2	43.0	44.5	5.3	5.1	1.8	0.4	390	71,118	638,855
Other/unknown	0.5	24	11.0	44.3	47.0	4.6	3.3	0.7	0.1	222	258,741	2,203,494
Use of Nursing Facilities^d												
Entire year	5.7	287	4.8	10.6	9.4	7.5	26.3	32.7	13.4	5,966	2,283	24,103
Part year	5.7	332	6.6	6.9	14.3	10.1	27.9	26.3	14.5	5,007	3,084	31,952
None	1.0	54	15.8	37.2	46.3	6.5	7.0	2.5	0.5	341	651,056	5,960,142
Maintenance Assistance Status												
Cash	1.8	108	16.0	26.8	43.0	9.1	13.3	6.2	1.6	673	203,125	1,999,180
Medically needy	1.6	116	16.4	37.6	33.1	9.5	13.8	5.2	0.9	704	8,933	84,497
Poverty related	0.5	23	9.9	45.9	46.7	3.5	2.9	0.7	0.2	231	268,376	2,359,228
Other/unknown	0.8	38	15.5	34.9	49.0	8.0	6.3	1.5	0.3	245	175,989	1,573,292

Table ND4

Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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. 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 of Table 1 for methodology used to determine nursing facility residence.
- Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.5
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC^{a, b, c}
NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Beneficiary Characteristics	All Rx			Patented Brand-Name Drugs			Off-Patent Brand-Name Drugs			Generic Drugs		
	No. of Rx	Rx \$	\$ per Rx	No. of Rx	Rx \$	\$ per Rx	No. of Rx	Rx \$	\$ per Rx	No. of Rx	Rx \$	\$ per Rx
All	1.0	\$56	\$55	0.5	\$44	\$93	0.1	\$4	\$74	0.5	\$8	\$16
Age												
5 and younger	0.4	11	31	0.1	9	70	0.0	0	56	0.2	2	10
6-14	0.4	22	53	0.2	18	86	0.0	1	68	0.2	3	16
15-20	0.5	28	53	0.3	23	84	0.0	2	68	0.2	4	16
21-44	1.4	78	58	0.6	62	99	0.1	6	74	0.7	11	17
45-64	3.0	175	58	1.5	138	94	0.2	12	80	1.4	25	18
65-74	1.8	86	49	0.9	69	77	0.1	4	59	0.8	13	17
75-84	2.1	95	45	1.0	75	75	0.1	4	43	1.0	15	15
85 and older	2.7	98	36	1.1	72	67	0.2	7	36	1.4	19	13
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Basis of Eligibility^d												
Aged	1.8	82	45	0.9	65	74	0.1	4	45	0.9	13	15
Disabled	2.8	182	65	1.4	144	106	0.2	13	84	1.3	24	19
Adults	0.9	42	44	0.4	32	78	0.0	3	59	0.5	6	13
Children	0.4	13	38	0.2	11	68	0.0	1	55	0.2	2	12
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Gender												
Female	1.2	58	50	0.5	45	85	0.1	4	70	0.6	8	15
Male	0.9	54	63	0.4	43	107	0.0	3	84	0.4	8	18
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Race												
White	1.4	81	57	0.7	64	95	0.1	6	77	0.7	12	17
African American	0.8	44	55	0.4	35	98	0.0	2	71	0.4	6	15
Other/unknown	0.5	24	45	0.2	19	79	0.0	1	62	0.3	4	14
Use of Nursing Facilities^e												
Entire year	5.7	287	51	2.3	217	94	0.4	19	51	3.0	51	17
Part year	5.7	332	58	2.4	260	107	0.3	20	68	2.9	50	17
None	1.0	54	55	0.5	43	92	0.0	4	75	0.5	8	16
Maintenance Assistance												
Status												
Cash	1.8	108	60	0.8	85	101	0.1	8	81	0.8	15	18
Medically needy	1.6	116	73	0.8	87	111	0.1	5	69	0.7	24	33
Poverty related	0.5	23	47	0.2	18	80	0.0	1	72	0.2	3	14
Other/unknown	0.8	38	45	0.4	30	78	0.0	2	57	0.4	6	14

Table ND5

Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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, 0.7 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all combined. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- 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 = Center for Medicare and 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^{a, b, c, d}
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			\$ per Rx			Users							
	Total	Patented	Off-Patent	Total	Patented	Off-Patent	Total	Patented	Off-Patent	Generic	Total No. of Rx	Total Rx \$	No.	As % of All Benes	No. of Bene Mos		
																Brand-Name	Brand-Name
Anti-infective Agents	0.2	0.1	0.0	0.1	\$15	\$14	\$0	\$1	\$60	\$121	\$79	\$9	669,413	\$40,427,467	253,962	38.7 %	2,721,130
Biologics	0.2	0.2	0.0	0.0	119	94	7	18	561	499	1,026	1,052	4,731	2,653,185	2,130	0.3	22,320
Antineoplastic Agents	0.5	0.3	0.1	0.1	155	131	14	10	325	493	225	66	15,874	5,152,803	3,065	0.5	33,309
Endocrine/Metabolic Drugs	0.5	0.3	0.0	0.2	18	14	1	3	37	56	31	14	556,499	20,670,249	106,548	16.2	1,144,672
Cardiovascular Agents	0.9	0.4	0.0	0.5	32	22	1	8	34	59	53	15	668,307	22,578,689	64,581	9.8	713,202
Respiratory Agents	0.4	0.3	0.0	0.2	19	16	0	3	45	60	34	19	630,869	28,141,474	133,444	20.3	1,445,516
Gastrointestinal Agents	0.4	0.2	0.0	0.2	34	29	2	3	83	132	122	19	267,402	22,094,483	58,766	9.0	645,454
Genitourinary Agents	0.2	0.2	0.0	0.0	9	8	0	1	40	48	37	12	70,334	2,812,630	30,135	4.6	329,324
CNS Drugs	1.0	0.5	0.1	0.4	76	57	9	10	74	104	115	24	1,316,548	97,101,096	116,829	17.8	1,279,532
Stimulants/Anti-obesity/Anorexia	0.6	0.4	0.0	0.2	32	25	2	5	56	69	47	30	127,619	7,154,261	20,465	3.1	223,790
Miscellaneous Psychological/Neurological Agents	0.5	0.4	0.0	0.1	84	83	0	1	184	216	30	21	5,671	1,044,363	1,121	0.2	12,379
Analgesics and Anesthetics	0.4	0.1	0.0	0.3	18	14	1	3	40	114	62	10	746,626	30,197,363	158,534	24.2	1,715,679
Neuromuscular Agents	0.7	0.4	0.0	0.3	40	32	2	6	54	92	49	16	548,486	29,538,653	66,322	10.1	737,515
Nutritional Products	0.2	0.0	0.0	0.2	3	0	1	2	14	21	27	12	97,923	1,397,475	50,041	7.6	514,439
Hematological Agents	0.5	0.1	0.1	0.4	123	96	4	23	227	1,055	64	59	59,252	13,446,504	10,039	1.5	109,322
Topical Products	0.2	0.1	0.0	0.1	7	5	0	2	30	53	39	14	361,324	10,913,405	149,339	22.8	1,601,640
Miscellaneous Products	0.2	0.1	0.0	0.0	22	17	3	2	127	137	263	55	22,247	2,827,617	11,766	1.8	127,624
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	6	0	0	0	26	0	0	0	31,738	836,460	12,764	1.9	142,673
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.	6,200,863	338,988,177	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. Table ND.6 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 therapeutic category during 2001. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

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

d. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In Massachusetts, 0.7 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.7
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP^{a, b, c}
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Top 10 Drug Groups	Users				Among Users		
	Total Medicaid Rx \$	No. As % of All Benes	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo	
ANTIPSYCHOTICS	\$43,843,563	46,076	524,183	0.7	\$126	\$84	
ANTIDEPRESSANTS	42,680,231	122,719	1,374,640	0.5	64	31	
ANTICONVULSANT	26,781,832	55,328	627,642	0.7	63	43	
ANTIVIRAL	22,605,056	15,052	165,788	0.4	322	136	
ULCER DRUGS	17,566,907	55,841	624,295	0.3	86	28	
ANALGESICS - Narcotic	16,084,009	131,402	1,464,604	0.3	41	11	
ANTIASTHMATIC	15,665,248	121,147	1,338,426	0.3	42	12	
ANTIDIABETIC	9,907,351	27,362	306,924	0.6	53	32	
MISC. HEMATOLOGICAL	9,287,934	1,699	18,795	0.4	1,202	494	
ANALGESICS - ANTI-INFLAMMATORY	9,123,507	115,330	1,284,382	0.2	34	7	
Total	213,545,638	691,956	7,729,679	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

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 2001. 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 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7A
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BOE, AND AGE^{a,b,c}
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIPSYCHOTICS				ANTIDEPRESSANTS			
	No. of Rx	Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	2,946,771	\$213,545,638	46,076	7.0 %	524,183	0.7	\$84	122,719	18.7 %	1,374,640	0.5	\$31
Female	1,894,907	123,114,284	27,129	7.2	309,304	0.6	71	86,235	22.7	965,976	0.5	31
Disabled	1,149,819	84,497,990	18,054	30.6	209,181	0.7	87	42,057	71.2	485,597	0.6	37
5 and younger	4,599	212,286	5	0.3	53	0.5	80	15	0.9	180	0.2	6
6-14	24,549	1,925,092	453	11.4	5,241	0.6	77	722	18.1	8,373	0.5	26
15-20	30,888	2,172,620	789	23.6	9,100	0.7	70	1,310	39.1	14,962	0.5	31
21-44	420,636	33,254,668	8,373	40.2	96,941	0.7	83	17,542	84.3	202,522	0.5	35
45-64	658,014	46,245,711	8,305	29.2	96,338	0.8	93	22,197	78.0	256,431	0.6	39
65-74	10,353	640,285	118	19.1	1,380	1.0	109	256	41.5	2,955	0.6	32
75-84	607	36,196	6	10.2	72	0.8	72	9	15.3	108	0.7	53
85 and older	173	11,132	5	11.1	56	0.7	79	6	13.3	66	0.5	24
Other Eligibles	745,088	38,616,294	9,075	2.8	100,123	0.4	39	44,178	13.8	480,379	0.4	25
5 and younger	26,245	884,685	51	0.1	567	0.3	29	149	0.2	1,606	0.3	14
6-14	63,573	3,251,699	865	1.1	9,678	0.5	59	2,901	3.7	32,723	0.4	23
15-20	72,934	3,422,911	1,298	3.0	14,437	0.4	43	5,043	11.6	55,001	0.4	22
21-44	455,922	23,304,433	5,606	4.8	61,793	0.3	32	30,104	25.9	325,960	0.4	25
45-64	90,671	5,693,040	726	5.3	8,160	0.4	51	4,781	34.8	52,227	0.5	31
65-74	15,216	936,143	120	3.6	1,311	0.6	73	480	14.4	5,406	0.4	22
75-84	12,643	731,920	222	12.9	2,329	0.6	58	391	22.7	4,168	0.6	30
85 and older	7,884	391,463	187	19.2	1,848	0.5	52	329	33.7	3,288	0.7	29
Male	1,051,864	90,431,354	18,947	6.8	214,879	0.8	101	36,484	13.2	408,664	0.5	31
Disabled	738,026	71,497,418	14,581	26.1	167,020	0.8	112	23,168	41.5	264,256	0.6	35
5 and younger	7,950	1,266,018	70	2.8	817	0.5	68	58	2.3	682	0.3	9
6-14	52,423	7,162,947	1,562	19.9	18,010	0.7	86	2,003	25.5	23,200	0.5	28
15-20	42,889	4,768,241	1,320	24.0	15,266	0.7	87	1,674	30.4	19,325	0.5	30
21-44	295,491	30,406,941	6,998	34.7	79,756	0.9	119	9,789	48.6	110,946	0.5	35
45-64	333,895	27,527,663	4,561	23.5	52,365	0.9	120	9,515	48.9	108,639	0.6	36
65-74	4,940	336,615	61	17.1	716	0.8	100	114	32.0	1,336	0.6	36
75-84	351	24,135	7	18.4	75	0.7	47	12	31.6	110	0.6	53
85 and older	87	4,858	2	12.5	15	0.5	22	3	18.8	18	0.4	26
Other Eligibles	313,838	18,933,936	4,366	2.0	47,859	0.5	64	13,316	6.0	144,408	0.4	26
5 and younger	37,816	1,476,431	119	0.2	1,298	0.4	48	241	0.4	2,625	0.3	14
6-14	95,886	5,949,785	1,845	2.3	20,642	0.6	70	4,581	5.7	50,929	0.5	26
15-20	53,322	3,172,601	1,110	3.0	12,174	0.5	66	3,179	8.6	34,485	0.4	27
21-44	73,182	4,743,595	800	2.7	8,420	0.4	49	3,484	12.0	36,405	0.3	22
45-64	36,649	2,562,304	269	3.2	2,928	0.4	55	1,381	16.3	15,072	0.5	30
65-74	8,931	551,191	92	4.8	987	0.8	89	204	10.6	2,279	0.5	27
75-84	5,542	340,290	71	6.7	786	0.5	52	140	13.3	1,509	0.6	31
85 and older	2,510	137,739	60	17.6	624	0.6	57	106	31.1	1,104	0.7	32
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 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

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 2001. 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 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7B
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BOE, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Beneficiary Characteristics	ANTICONVULSANT					ANTIVIRAL					ULCER DRUGS				
	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean No. of Rx	Mean Rx \$
All	55,328	8.4 %	627,642	0.7	\$43	15,052	2.3 %	165,788	0.4	\$136	55,841	8.5 %	624,295	0.3	\$28
Female	34,363	9.1	390,137	0.7	40	8,889	2.3	98,969	0.4	105	37,939	10.0	426,633	0.3	28
Disabled	21,769	36.9	252,021	0.7	47	4,311	7.3	49,147	0.5	150	19,171	32.5	222,358	0.4	35
5 and younger	174	10.1	1,993	0.6	35	16	0.9	188	0.3	38	254	14.7	2,862	0.4	18
6-14	935	23.5	10,792	0.7	51	185	4.6	2,158	0.7	187	377	9.5	4,422	0.4	28
15-20	1,036	31.0	12,015	0.7	55	81	2.4	938	0.3	78	386	11.5	4,459	0.3	24
21-44	9,851	47.4	113,850	0.7	50	2,548	12.2	28,955	0.5	152	5,735	27.6	66,671	0.4	31
45-64	9,651	33.9	111,950	0.7	43	1,469	5.2	16,764	0.5	148	12,167	42.8	141,049	0.4	38
65-74	114	18.5	1,329	0.7	30	10	1.6	120	0.2	9	229	37.1	2,621	0.4	35
75-84	7	11.9	82	0.6	21	2	3.4	24	0.1	6	20	33.9	238	0.5	39
85 and older	1	2.2	10	0.8	41	0	0.0	0	0.0	0	3	6.7	36	0.4	19
Other Eligibles	12,594	3.9	138,116	0.5	27	4,578	1.4	49,822	0.3	61	18,768	5.9	204,275	0.2	20
5 and younger	140	0.2	1,528	0.4	30	178	0.3	1,936	0.2	29	755	1.2	7,010	0.2	11
6-14	1,046	1.3	11,766	0.5	32	318	0.4	3,570	0.4	84	899	1.1	9,872	0.2	12
15-20	1,347	3.1	14,964	0.5	34	558	1.3	6,039	0.2	24	1,645	3.8	18,105	0.2	11
21-44	8,258	7.1	90,073	0.5	26	3,095	2.7	33,554	0.3	62	11,470	9.9	125,427	0.2	19
45-64	1,390	10.1	15,346	0.5	27	371	2.7	4,082	0.4	110	2,613	19.0	28,741	0.3	27
65-74	154	4.6	1,769	0.5	26	34	1.0	398	0.2	61	710	21.3	7,889	0.3	27
75-84	158	9.2	1,687	0.6	31	14	0.8	132	0.1	10	423	24.6	4,656	0.4	32
85 and older	101	10.4	983	0.7	24	10	1.0	111	0.1	7	253	25.9	2,575	0.5	31
Male	20,965	7.6	237,505	0.7	47	6,163	2.2	66,819	0.5	182	17,902	6.5	197,662	0.3	30
Disabled	15,675	28.1	179,475	0.8	51	4,851	8.7	52,637	0.6	203	10,922	19.6	124,045	0.4	34
5 and younger	293	11.9	3,389	0.6	33	28	1.1	288	0.5	91	297	12.0	3,330	0.4	15
6-14	1,807	23.0	20,889	0.7	48	157	2.0	1,865	0.6	153	504	6.4	5,818	0.4	30
15-20	1,448	26.3	16,750	0.8	59	87	1.6	985	0.3	96	419	7.6	4,933	0.4	29
21-44	6,870	34.1	78,368	0.8	54	2,731	13.5	29,145	0.6	198	3,640	18.1	41,274	0.4	33
45-64	5,191	26.7	59,311	0.8	47	1,843	9.5	20,294	0.6	222	5,912	30.4	66,978	0.4	37
65-74	58	16.3	678	0.6	47	5	1.4	60	0.1	10	140	39.3	1,616	0.4	36
75-84	6	15.8	66	0.4	17	0	0.0	0	0.0	0	8	21.1	81	0.4	32
85 and older	2	12.5	24	0.8	60	0	0.0	0	0.0	0	2	12.5	15	0.5	25
Other Eligibles	5,290	2.4	58,030	0.5	35	1,312	0.6	14,182	0.3	106	6,980	3.2	73,617	0.3	22
5 and younger	268	0.4	2,940	0.4	23	205	0.3	2,181	0.2	25	942	1.5	8,720	0.2	11
6-14	1,851	2.3	20,739	0.6	35	283	0.4	3,146	0.5	111	779	1.0	8,603	0.2	19
15-20	1,211	3.3	13,336	0.6	43	186	0.5	2,013	0.2	44	853	2.3	9,297	0.2	16
21-44	1,262	4.3	13,393	0.4	30	463	1.6	4,911	0.3	142	2,511	8.6	26,351	0.3	24
45-64	495	5.9	5,384	0.5	33	159	1.9	1,739	0.4	177	1,233	14.6	13,365	0.3	27
65-74	109	5.7	1,224	0.6	33	12	0.6	144	0.2	62	356	18.5	3,960	0.3	27
75-84	65	6.2	698	0.6	34	3	0.3	36	0.2	66	232	22.0	2,561	0.4	32
85 and older	29	8.5	316	0.6	29	1	0.3	12	0.1	3	74	21.7	760	0.5	28
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table ND7B
 Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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 2001. 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 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7C
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BOE, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Beneficiary Characteristics	ANALGESICS - Narcotic					ANTIASTHMATIC					ANTIIDIABETIC				
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	131,402	20.0 %	1,464,604	0.3	\$11	121,147	18.5 %	1,338,426	0.3	\$12	27,362	4.2 %	305,924	0.6	\$32
Female	92,569	24.4	1,033,726	0.3	10	72,550	19.1	805,557	0.3	12	17,762	4.7	200,055	0.6	33
Disabled	31,493	53.3	364,737	0.4	18	25,869	43.8	300,305	0.4	17	12,093	20.5	139,600	0.6	35
5 and younger	101	5.8	1,188	0.2	2	636	36.7	7,292	0.3	10	10	0.6	105	0.3	14
6-14	303	7.6	3,571	0.2	3	1,225	30.8	14,312	0.3	13	66	1.7	776	0.6	33
15-20	715	21.4	8,354	0.2	3	874	26.1	10,044	0.3	12	103	3.1	1,185	0.6	34
21-44	13,358	64.2	154,933	0.3	18	8,258	39.7	96,004	0.3	14	2,092	10.1	24,189	0.6	32
45-64	16,763	58.9	193,766	0.4	20	14,630	51.4	169,872	0.4	20	9,531	33.5	109,998	0.6	35
65-74	236	38.2	2,732	0.3	11	227	36.8	2,557	0.5	24	276	44.7	3,167	0.7	32
75-84	13	22.0	148	0.4	8	13	22.0	154	0.4	19	15	25.4	180	0.6	27
85 and older	4	8.9	45	0.4	4	6	13.3	70	0.4	30	0	0.0	0	0.0	0
Other Eligibles	61,076	19.1	668,989	0.2	5	46,681	14.6	505,252	0.2	9	5,669	1.8	60,455	0.5	28
5 and younger	974	1.6	10,654	0.1	1	9,215	15.0	96,959	0.2	6	56	0.1	587	0.7	34
6-14	2,715	3.4	30,055	0.1	1	10,681	13.5	116,749	0.2	8	231	0.3	2,463	0.6	35
15-20	7,205	16.5	78,595	0.1	1	5,652	13.0	61,316	0.2	7	292	0.7	3,046	0.6	29
21-44	44,536	38.3	487,411	0.2	5	17,600	15.1	191,396	0.3	10	2,575	2.2	27,249	0.5	26
45-64	4,548	33.1	50,555	0.3	11	2,732	19.9	30,165	0.3	14	1,462	10.6	15,690	0.6	31
65-74	524	15.7	5,930	0.2	4	360	10.8	4,021	0.3	17	628	18.9	6,938	0.6	25
75-84	350	20.3	3,687	0.3	9	262	15.2	2,848	0.4	19	317	18.4	3,417	0.6	25
85 and older	224	23.0	2,102	0.3	9	179	18.4	1,798	0.4	12	108	11.1	1,065	0.6	18
Male	38,833	14.0	430,878	0.3	14	48,597	17.5	532,869	0.3	11	9,600	3.5	106,869	0.6	32
Disabled	19,438	34.8	221,172	0.4	22	13,899	24.9	159,928	0.4	17	6,790	12.2	77,278	0.6	33
5 and younger	127	5.1	1,493	0.1	1	1,096	44.4	12,617	0.3	11	9	0.4	98	0.4	21
6-14	554	7.0	6,466	0.1	2	2,321	29.5	27,167	0.3	12	77	1.0	885	0.7	33
15-20	802	14.6	9,337	0.1	4	1,100	20.0	12,883	0.3	12	78	1.4	887	0.7	37
21-44	8,420	41.8	95,865	0.3	22	3,472	17.2	39,861	0.4	15	1,407	7.0	16,041	0.6	32
45-64	9,410	48.4	106,590	0.4	25	5,779	29.7	65,959	0.5	21	5,098	26.2	57,980	0.6	33
65-74	117	32.9	1,348	0.3	11	114	32.0	1,288	0.6	31	111	31.2	1,294	0.6	37
75-84	6	15.8	49	0.3	28	16	42.1	141	0.7	38	7	18.4	75	0.7	54
85 and older	2	12.5	24	0.3	20	1	6.3	12	0.1	3	3	18.8	18	0.6	32
Other Eligibles	19,395	8.8	209,706	0.2	7	34,698	15.7	372,941	0.2	9	2,810	1.3	29,591	0.6	29
5 and younger	1,592	2.5	17,367	0.1	1	13,058	20.6	137,337	0.2	7	42	0.1	447	0.6	32
6-14	3,161	4.0	35,409	0.1	2	13,928	17.4	152,607	0.2	9	229	0.3	2,420	0.7	32
15-20	4,032	10.9	44,311	0.1	2	4,141	11.2	45,229	0.2	8	191	0.5	2,138	0.7	34
21-44	7,917	27.2	83,354	0.3	10	2,183	7.5	22,645	0.3	12	787	2.7	8,105	0.5	28
45-64	2,139	25.3	23,360	0.3	14	864	10.2	9,406	0.4	16	985	11.7	10,312	0.6	31
65-74	323	16.8	3,483	0.2	7	262	13.6	2,921	0.3	18	373	19.4	3,994	0.5	24
75-84	176	16.7	1,887	0.2	14	200	19.0	2,232	0.4	15	168	16.0	1,805	0.5	23
85 and older	55	16.1	535	0.3	12	62	18.2	564	0.4	14	35	10.3	370	0.7	25
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table ND7C
 Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

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 2001. 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 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7D
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS
 SEPARATELY, BY SEX, BOE, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Beneficiary Characteristics	MISC. HEMATOLOGICAL				ANALGESICS - ANTI-INFLAMMATORY				Mean Rx \$	No. of Bene Mos		
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx				
All	1,699	0.3 %	18,795	0.4	\$494	115,330	17.6 %	1,284,382	0.2	\$7	656,423	6,016,197
Female	875	0.2	9,686	0.4	40	82,670	21.8	921,179	0.2	8	379,251	3,486,659
Disabled	653	1.1	7,321	0.4	40	26,805	45.4	312,594	0.3	14	59,032	642,867
5 and younger	2	0.0	24	0.6	23	114	6.6	1,339	0.1	2	1,731	16,831
6-14	1	0.0	10	0.3	27	322	8.1	3,766	0.2	4	3,982	43,894
15-20	4	0.1	40	0.5	30	630	18.8	7,340	0.2	4	3,347	35,837
21-44	70	0.3	774	0.4	91	9,594	46.1	111,892	0.2	9	20,804	226,811
45-64	552	1.9	6,194	0.4	35	15,846	55.7	184,800	0.3	18	28,447	311,579
65-74	19	3.1	219	0.4	30	280	45.4	3,246	0.3	20	617	6,798
75-84	3	5.1	36	0.1	13	16	27.1	178	0.4	28	59	629
85 and older	2	4.4	24	0.1	15	3	6.7	33	0.8	42	45	488
Other Eligibles	222	0.1	2,365	0.4	39	55,865	17.4	608,585	0.2	4	320,219	2,843,792
5 and younger	1	0.0	11	0.3	26	3,027	4.9	32,703	0.1	1	61,345	496,813
6-14	1	0.0	12	0.1	583	4,125	5.2	45,333	0.1	2	79,084	738,449
15-20	3	0.0	32	0.5	10	7,314	16.8	79,389	0.1	2	43,575	392,004
21-44	44	0.0	464	0.3	45	34,937	30.0	379,796	0.2	4	116,430	1,033,003
45-64	43	0.3	462	0.3	27	4,996	36.3	55,143	0.2	10	13,757	126,527
65-74	56	1.7	628	0.3	28	984	29.5	10,946	0.2	15	3,331	32,092
75-84	47	2.7	481	0.6	46	362	21.0	4,027	0.3	19	1,722	16,494
85 and older	27	2.8	275	0.5	44	120	12.3	1,248	0.5	23	975	8,410
Male	824	0.3	9,109	0.4	977	32,660	11.8	363,203	0.2	6	277,172	2,529,538
Disabled	606	1.1	6,790	0.4	1,188	13,852	24.8	159,718	0.3	10	55,844	589,239
5 and younger	5	0.2	60	2.2	14,467	157	6.4	1,853	0.2	2	2,471	23,956
6-14	15	0.2	180	0.8	17,459	521	6.6	6,073	0.2	3	7,863	86,072
15-20	8	0.1	91	1.0	15,233	608	11.1	7,088	0.2	4	5,500	59,055
21-44	72	0.4	794	0.4	2,699	5,386	26.7	61,705	0.2	7	20,161	211,042
45-64	492	2.5	5,506	0.4	94	7,052	36.3	81,479	0.3	13	19,439	204,655
65-74	13	3.7	147	0.5	46	118	33.1	1,405	0.3	12	356	3,874
75-84	0	0.0	0	0.0	0	6	15.8	67	0.2	6	38	419
85 and older	1	6.3	12	0.7	20	4	25.0	48	0.4	19	16	166
Other Eligibles	218	0.1	2,319	0.3	361	18,808	8.5	203,485	0.2	3	221,328	1,940,299
5 and younger	4	0.0	48	0.5	1,716	3,404	5.4	36,918	0.1	1	63,496	514,221
6-14	11	0.0	116	0.3	3,236	3,699	4.6	40,699	0.1	1	79,911	744,991
15-20	4	0.0	48	0.1	204	3,542	9.6	38,832	0.1	2	37,028	340,013
21-44	41	0.1	426	0.3	519	5,505	18.9	57,906	0.2	4	29,122	234,392
45-64	52	0.6	560	0.2	197	1,989	23.5	21,671	0.2	9	8,450	75,243
65-74	49	2.5	528	0.3	31	429	22.3	4,798	0.2	11	1,927	18,313
75-84	42	4.0	437	0.4	32	205	19.5	2,285	0.3	14	1,053	10,080
85 and older	15	4.4	156	0.6	44	35	10.3	376	0.4	18	341	3,046
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0

Table ND7D

Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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 2001. 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 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.8
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BENEFICIARY CHARACTERISTIC^{a, b}
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Beneficiary Characteristics	Rx \$ per Bene Mo	No. of Rx per Bene Mo	No. of All-Year NF Residents	Bene Mos among All-Year NF Residents
All	\$287	5.7	2,283	24,103
Age				
0-64	350	6.2	1,294	14,328
65-74	294	6.5	191	2,017
75-84	217	5.2	332	3,267
85 and older	135	4.0	466	4,491
Unknown	0	0.0	0	0
Gender				
Female	275	5.8	1,379	14,374
Male	305	5.5	904	9,729
Unknown	0	0.0	0	0
Race				
White	296	5.8	1,744	18,634
African American	325	5.5	151	1,648
Other/unknown	228	5.1	388	3,821
Basis of Eligibility^c				
Aged	189	4.8	951	9,330
Disabled	349	6.2	1,322	14,676
Adults	267	4.9	3	32
Children	252	8.5	7	65
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2001 Medicaid enrollment. A total of 3,084 beneficiaries who were in nursing facilities for part of their enrollment and their 31,952 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 = Center for Medicare and 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, 2001

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			Total # of Rx	Total Rx \$	No.	As % of All-Year NF Residents	No. of Bene Mos						
	Patented			Off-Patent								Generic	Total	Patented	Off-Patent	Generic	
	Total	Brand-Name	Off-Patent	Brand-Name	Off-Patent	Generic											
Anti-infective Agents	0.5	0.3	0.0	0.2	\$32	\$29	\$0	\$3	\$71	\$111	\$56	\$16	6,244	\$442,463	1,277	55.9 %	13,841
Biologicals	0.1	0.0	0.0	0.1	2	1	0	1	24	60	0	18	14	333	14	0.6	145
Antineoplastic Agents	0.6	0.2	0.2	0.1	144	98	37	9	248	413	171	71	739	183,539	125	5.5	1,275
Endocrine/Metabolic Drugs	1.1	0.5	0.0	0.6	35	31	0	4	32	60	19	8	8,533	273,664	717	31.4	7,740
Cardiovascular Agents	1.8	0.6	0.1	1.1	42	26	3	14	23	46	26	12	21,476	504,121	1,135	49.7	11,965
Respiratory Agents	1.1	0.5	0.0	0.6	38	25	1	12	36	54	36	21	8,112	290,719	690	30.2	7,578
Gastrointestinal Agents	1.0	0.4	0.1	0.6	57	40	4	12	54	113	80	19	11,774	641,246	1,055	46.2	11,339
Genitourinary Agents	0.6	0.4	0.0	0.2	25	22	0	3	41	55	25	14	2,330	94,865	346	15.2	3,804
CNS Drugs	1.8	0.9	0.1	0.8	139	112	9	18	76	121	102	22	31,127	2,371,218	1,568	68.7	17,079
Stimulants/Anti-obesity/Anorexia	0.3	0.1	0.0	0.2	15	12	0	3	47	118	5	15	86	4,006	25	1.1	271
Miscellaneous Psychological/Neurological Agents	0.7	0.7	0.0	0.0	117	117	0	0	166	168	28	23	698	115,768	101	4.4	989
Analgesics and Anesthetics	0.8	0.4	0.0	0.4	36	29	2	5	44	81	56	12	6,674	293,102	781	34.2	8,103
Neuromuscular Agents	1.6	0.7	0.1	0.8	92	68	6	18	57	96	52	23	20,337	1,164,716	1,131	49.5	12,670
Nutritional Products	0.7	0.0	0.1	0.6	13	1	2	11	19	13	29	19	3,036	58,753	421	18.4	4,423
Hematological Agents	1.2	0.1	0.3	0.7	32	24	2	6	27	204	7	8	6,933	188,936	566	24.8	5,901
Topical Products	0.6	0.2	0.0	0.3	19	12	2	5	33	56	45	15	7,812	255,304	1,237	54.2	13,696
Miscellaneous Products	0.3	0.1	0.0	0.2	15	10	0	5	50	112	75	23	404	20,247	125	5.5	1,367
Unknown Therapeutic Category	0.4	0.0	0.0	0.0	6	0	0	0	16	0	0	0	711	11,379	182	8.0	1,985
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.	137,040	6,914,379	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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 2001. A total of 3,084 beneficiaries who were in nursing facilities for part of their enrollment and their 31,952 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 2001. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- d. For information about these therapeutic categories, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- e. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003). In Massachusetts, 0.7 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined.

Bene Mo(s) = benefit month(s); CMS = Center for Medicare and Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

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, 2001

Top 10 Drug Groups in Nursing Facilities	Users				Among Users		
	Total Medicaid Rx \$	No. of Users	As % of All-Year NF Residents	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo
ANTIPSYCHOTICS	\$1,500,331	1,116	48.9 %	12,430	0.9	\$131	\$121
ANTICONVULSANT	957,352	1,270	55.6	14,397	1.0	64	66
ANTIDEPRESSANTS	724,354	1,422	62.3	15,561	0.8	56	47
ULCER DRUGS	501,609	1,025	44.9	11,094	0.7	66	45
ANTIASTHMATIC	221,498	940	41.2	10,323	0.6	34	21
ANTIDIABETIC	194,979	564	24.7	6,104	0.9	36	32
ANTINEOPLASTICS	183,539	127	5.6	1,297	0.6	248	142
DERMATOLOGICAL	179,391	1,662	72.8	18,871	0.3	36	10
ANTIVIRAL	173,388	73	3.2	835	0.6	327	208
ANALGESICS - Narcotic	172,405	714	31.3	7,236	0.5	44	24
Total	4,808,846	8,913		98,148	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

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 2001. A total of 3,084 beneficiaries who were in nursing facilities for part of their enrollment and their 31,952 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 2001. 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 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE 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, BOE, AND AGE^{a, b, c, d} NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTICONVULSANT				
	No. of Rx	Rx \$	Users as %			Mean Rx \$	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	Users as % of All-Year Residents	No. of Bene Mos among Users	Mean No. of Rx	Users as % of All-Year Residents	No. of Bene Mos among Users	Mean No. of Rx
			No. of Users	Residents	NF										
All	68,948	\$4,808,846	1,116	48.9 %	12,430	0.9	\$121	1,270	55.6 %	14,397	1.0	\$67			
Female	40,958	2,717,419	703	51.0	7,765	0.9	114	702	50.9	7,906	1.0	64			
Disabled	27,416	1,985,598	422	62.0	4,833	1.0	137	511	75.0	5,897	1.1	73			
64 or younger	25,576	1,867,758	387	61.0	4,433	1.0	137	483	76.2	5,567	1.1	74			
65-74	1,641	106,336	30	76.9	344	1.1	146	26	66.7	310	1.2	58			
75-84	80	4,377	1	50.0	12	0.8	55	1	50.0	10	1.9	49			
85 and older	119	7,127	4	66.7	44	0.7	86	1	16.7	10	0.8	41			
Other Eligibles	13,542	731,821	281	40.3	2,932	0.7	75	191	27.4	2,009	0.8	38			
64 or younger	804	51,112	18	75.0	194	0.9	111	22	91.7	227	0.9	40			
65-74	2,222	118,788	45	62.5	492	0.8	91	41	56.9	456	0.9	45			
75-84	5,571	320,649	115	47.1	1,218	0.8	77	77	31.6	819	0.8	39			
85 and older	4,945	241,272	103	28.8	1,028	0.6	58	51	14.2	507	0.8	29			
Male	27,990	2,091,427	413	45.7	4,665	0.9	132	568	62.8	6,491	1.1	69			
Disabled	21,789	1,721,368	292	45.6	3,313	1.0	150	470	73.3	5,389	1.1	73			
64 or younger	21,165	1,672,073	272	43.9	3,095	1.0	153	460	74.2	5,269	1.1	73			
65-74	472	38,012	14	100.0	164	0.9	106	7	50.0	84	1.1	88			
75-84	135	10,116	5	83.3	51	0.7	59	3	50.0	36	0.6	27			
85 and older	17	1,167	1	100.0	3	1.3	73	0	0.0	0	0.0	0			
Other Eligibles	6,201	370,059	121	46.0	1,352	0.8	90	98	37.3	1,102	0.9	50			
64 or younger	584	36,160	8	50.0	82	0.8	82	12	75.0	121	1.3	70			
65-74	2,345	153,978	47	71.2	534	0.9	114	43	65.2	503	0.9	52			
75-84	1,797	102,892	38	47.5	426	0.8	77	28	35.0	305	0.9	47			
85 and older	1,475	77,029	28	27.7	310	0.7	68	15	14.9	173	0.7	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 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

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 2001. A total of 3,084 beneficiaries who were in nursing facilities for part of their enrollment and their 31,952 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 2001. 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 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE 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, BOE, AND AGE^{a, b, c, d}
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Beneficiary Characteristics	ANTIDEPRESSANTS						ULCER DRUGS						ANTI-ASTHMATIC					
	Users as %			Users as %			Users as %			Users as %			Users as %			Users as %		
	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx
All	1,422	62.3 %	0.8	15,561	0.8	\$47	1,025	44.9 %	0.7	11,094	0.7	\$45	940	41.2 %	0.6	10,323	0.6	\$22
Female	911	66.1	0.8	9,931	0.8	44	582	42.2	0.7	6,292	0.7	39	543	39.4	0.6	5,959	0.6	21
Disabled	477	70.0	0.9	5,450	0.9	50	319	46.8	0.7	3,578	0.7	43	340	49.9	0.7	3,858	0.7	26
64 or younger	442	69.7	0.9	5,079	0.9	51	294	46.4	0.7	3,315	0.7	44	312	49.2	0.7	3,592	0.7	26
65-74	31	79.5	0.8	329	0.8	43	20	51.3	0.7	205	0.7	36	23	59.0	0.7	210	0.7	24
75-84	1	50.0	1.0	138	1.0	138	3	150.0	0.6	34	0.6	38	1	50.0	0.1	10	0.1	2
85 and older	3	50.0	0.4	11	0.4	11	2	33.3	0.5	24	0.5	5	4	66.7	0.3	46	0.3	9
Other Eligibles	434	62.2	0.8	4,481	0.8	37	263	37.7	0.6	2,714	0.6	34	203	29.1	0.4	2,101	0.4	13
64 or younger	17	70.8	0.7	169	0.7	51	15	62.5	0.7	133	0.7	40	12	50.0	0.6	144	0.6	16
65-74	57	79.2	1.0	594	1.0	40	32	44.4	0.5	332	0.5	28	23	31.9	0.6	232	0.6	20
75-84	156	63.9	0.8	1,641	0.8	42	88	36.1	0.7	960	0.7	38	72	29.5	0.4	756	0.4	14
85 and older	204	57.0	0.7	2,077	0.7	32	128	35.8	0.6	1,289	0.6	32	96	26.8	0.4	969	0.4	9
Male	511	56.5	0.8	5,630	0.8	51	443	49.0	0.7	4,802	0.7	53	397	43.9	0.7	4,364	0.7	22
Disabled	359	56.0	0.9	3,984	0.9	55	327	51.0	0.7	3,623	0.7	58	307	47.9	0.7	3,435	0.7	23
64 or younger	342	55.2	0.9	3,816	0.9	55	318	51.3	0.7	3,533	0.7	58	303	48.9	0.7	3,414	0.7	23
65-74	9	64.3	0.7	108	0.7	37	5	35.7	0.8	60	0.8	67	1	7.1	1.1	12	1.1	4
75-84	6	100.0	0.9	54	0.9	85	3	50.0	0.3	27	0.3	34	3	50.0	0.4	9	0.4	11
85 and older	2	200.0	0.7	6	0.7	36	1	100.0	1.0	3	1.0	13	0	0.0	0.0	0	0.0	0
Other Eligibles	152	57.8	0.8	1,646	0.8	41	116	44.1	0.7	1,179	0.7	39	90	34.2	0.5	929	0.5	20
64 or younger	12	75.0	0.8	117	0.8	45	11	68.8	0.8	105	0.8	44	9	56.3	0.5	93	0.5	14
65-74	47	71.2	0.7	528	0.7	37	39	59.1	0.7	415	0.7	42	23	34.8	0.5	260	0.5	16
75-84	38	47.5	0.9	403	0.9	47	38	47.5	0.6	407	0.6	36	32	40.0	0.7	339	0.7	26
85 and older	55	54.5	0.8	598	0.8	38	28	27.7	0.7	252	0.7	38	26	25.7	0.4	237	0.4	18
Unknown	0	0.0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

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 2001. A total of 3,084 beneficiaries who were in nursing facilities for part of their enrollment and their 31,952 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 2001. 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 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE 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, BOE, AND AGE^{a, b, c, d}
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Beneficiary Characteristics	ANTIDIABETIC					ANTINEOPLASTICS					DERMATOLOGICAL					
	Users as %					Users as %					Users as %					
	No. of Users	No. of Bene among Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene among Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene among Users	Mean No. of Rx	Mean Rx \$	No. of Rx	Mean Rx \$
All	564	6,104	0.9	\$32	0.6	127	1,297	0.6	\$142	0.6	1,662	18,871	0.3	\$10	0.3	\$10
Female	353	3,857	0.9	34	0.6	90	918	0.6	147	0.6	981	11,148	0.3	9	0.3	9
Disabled	210	2,376	1.0	39	0.6	44	500	0.6	188	0.6	574	6,708	0.3	9	0.3	9
64 or younger	196	2,227	0.9	40	0.6	40	455	0.6	198	0.6	545	6,403	0.3	8	0.3	8
65-74	13	137	1.2	36	0.4	3	36	0.4	69	0.4	25	262	0.4	13	0.4	13
75-84	1	12	1.1	7	0.0	0	0	0.0	0	0.0	1	10	0.2	2	0.2	2
85 and older	0	0	0.0	0	0.0	1	9	0.7	161	0.7	3	33	0.5	14	0.5	14
Other Eligibles	143	1,481	0.8	24	0.6	46	418	0.6	98	0.6	407	4,440	0.3	10	0.3	10
64 or younger	9	101	0.8	18	0.5	1	12	0.5	73	0.5	13	146	0.2	5	0.2	5
65-74	30	324	0.9	27	0.4	3	36	0.4	37	0.4	48	538	0.2	6	0.2	6
75-84	54	585	0.8	29	0.7	14	130	0.7	151	0.7	177	1,976	0.3	14	0.3	14
85 and older	50	471	0.7	18	0.6	28	240	0.6	80	0.6	169	1,780	0.3	7	0.3	7
Male	211	2,247	0.9	29	0.5	37	379	0.5	128	0.5	681	7,723	0.3	10	0.3	10
Disabled	129	1,451	1.0	34	0.6	23	230	0.6	171	0.6	513	5,913	0.2	10	0.2	10
64 or younger	121	1,384	1.0	35	0.6	21	215	0.6	179	0.6	502	5,791	0.2	9	0.2	9
65-74	4	46	0.8	19	0.1	1	12	0.1	31	0.1	7	83	0.6	38	0.6	38
75-84	2	15	0.5	11	0.0	0	0	0.0	0	0.0	4	39	0.3	5	0.3	5
85 and older	2	6	0.7	30	1.0	1	3	0.7	171	1.0	0	0	0.0	0	0.0	0
Other Eligibles	82	796	0.8	21	0.4	14	149	0.4	61	0.4	168	1,810	0.3	12	0.3	12
64 or younger	6	52	1.0	41	0.7	2	24	0.7	120	0.7	7	79	0.5	61	0.5	61
65-74	36	347	0.9	21	0.1	1	12	0.1	21	0.1	57	659	0.3	13	0.3	13
75-84	25	252	0.6	12	0.3	4	45	0.3	69	0.3	54	574	0.3	8	0.3	8
85 and older	15	145	0.9	30	0.4	7	68	0.4	43	0.4	50	498	0.3	7	0.3	7
Unknown	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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 2001. A total of 3,084 beneficiaries who were in nursing facilities for part of their enrollment and their 31,952 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 2001. 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 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE 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, BOE, AND AGE^{a, b, c, d}
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Beneficiary Characteristics	ANTIVIRAL					ANALGESICS - Narcotic					Mean Rx \$	Mean No. of Rx	All-Year NF Residents	Bene Mos among All-Year NF Residents	
	Users as %		No. of Bene		Mean Rx \$	Users as %		No. of Bene		Mean Rx \$					Mean No. of Rx
	No. of Users	Residents	NF Residents	All-Year NF Residents		No. of Users	Residents	NF Residents	All-Year NF Residents						
All	73	3.2 %	835	0.6	\$208	714	31.3 %	7,236	0.5	\$24	2,283	24,103			
Female	39	2.8	439	0.5	127	472	34.2	4,776	0.5	20	1,379	14,374			
Disabled	30	4.4	345	0.5	159	248	36.4	2,710	0.6	24	681	7,604			
64 or younger	28	4.4	321	0.6	171	238	37.5	2,603	0.6	24	634	7,093			
65-74	0	0.0	0	0.0	0	5	12.8	52	0.5	15	39	422			
75-84	2	100.0	24	0.1	6	1	50.0	10	0.1	2	2	22			
85 and older	0	0.0	0	0.0	0	4	66.7	45	0.4	4	6	67			
Other Eligibles	9	1.3	94	0.1	6	224	32.1	2,066	0.5	14	698	6,770			
64 or younger	0	0.0	0	0.0	0	7	29.2	65	0.5	12	24	236			
65-74	0	0.0	0	0.0	0	22	30.6	200	0.6	12	72	727			
75-84	4	1.6	43	0.1	4	87	35.7	824	0.5	17	244	2,418			
85 and older	5	1.4	51	0.1	9	108	30.2	977	0.4	12	358	3,389			
Male	34	3.8	396	0.8	298	242	26.8	2,460	0.5	32	904	9,729			
Disabled	34	5.3	396	0.8	298	169	26.4	1,732	0.6	37	641	7,072			
64 or younger	34	5.5	396	0.8	298	166	26.8	1,714	0.6	37	620	6,845			
65-74	0	0.0	0	0.0	0	1	7.1	12	0.8	58	14	161			
75-84	0	0.0	0	0.0	0	2	33.3	6	0.5	22	6	63			
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	3			
Other Eligibles	0	0.0	0	0.0	0	73	27.8	728	0.4	21	263	2,657			
64 or younger	0	0.0	0	0.0	0	5	31.3	54	0.3	1	16	154			
65-74	0	0.0	0	0.0	0	28	42.4	293	0.4	33	66	707			
75-84	0	0.0	0	0.0	0	16	20.0	150	0.3	17	80	764			
85 and older	0	0.0	0	0.0	0	24	23.8	231	0.4	11	101	1,032			
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 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

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 2001. A total of 3,084 beneficiaries who were in nursing facilities for part of their enrollment and their 31,952 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 2001. 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 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.11
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG NONDUALS
 BY BENEFICIARY CHARACTERISTIC^{a,b}
 MASSACHUSETTS, 2001

Beneficiary Characteristics	No. of Benes with at Least One Part D Excl Rx	% Benes with at Least One Part D Excl Rx	No. of Part D Excl Rx per Bene	Total No. Part D Excl Rx	Total Part D Excl Rx \$	\$ per Part D Excl Rx	Part D Excl Rx \$ as % of All Rx \$	Total No. of Benes
All	124,129	18.9 %	0.8	494,045	\$20,862,091	\$26	3.8 %	656,423
Age								
5 and younger	28,961	22.4	0.4	54,394	6	816,060	15	129,043
6-14	16,551	9.7	0.2	33,964	9	1,467,466	43	170,840
15-20	9,616	10.8	0.3	22,879	11	1,018,037	44	89,450
21-44	42,534	22.8	1.1	203,699	27	5,038,992	25	186,517
45-64	24,236	34.6	2.4	168,949	61	4,268,009	25	70,093
65-74	1,219	19.6	0.8	5,244	21	131,626	25	6,231
75-84	623	21.7	1.0	2,872	31	88,385	31	2,872
85 and older	389	28.2	1.5	2,044	24	33,516	16	1,377
Unknown	0	0.0	0.0	0	0	0	0	0
Basis of Eligibility^c								
Aged	1,899	20.1	0.9	8,289	21	197,559	24	9,431
Disabled	39,986	34.8	2.4	279,311	68	7,760,369	28	114,876
Adults	34,786	19.2	0.7	121,245	16	2,908,217	24	181,080
Children	47,458	13.5	0.2	85,200	6	1,995,946	23	351,036
Unknown	0	0.0	0.0	0	0	0	0	0
Gender								
Female	81,127	21.4	0.9	339,246	22	8,361,478	25	379,251
Male	43,002	15.5	0.6	154,799	16	4,500,613	29	277,172
Unknown	0	0.0	0.0	0	0	0	0	0
Race								
White	72,807	22.3	1.1	367,789	29	9,579,031	26	326,564
African American	10,947	15.4	0.4	30,744	11	809,061	26	71,118
Other/unknown	40,375	15.6	0.4	95,512	10	2,473,999	26	258,741
Use of Nursing Facilities^d								
Entire year	1,131	49.5	4.3	9,746	97	221,906	23	2,283
Part year	1,913	62.0	4.5	14,012	109	336,146	24	3,084
None	121,085	18.6	0.7	470,287	19	12,304,039	26	651,056
Maintenance Assistance Status								
Cash	57,351	28.2	1.5	302,210	38	7,687,870	25	203,125
Medically needy	1,711	19.2	1.0	8,650	36	318,406	37	8,933
Poverty related	34,972	13.0	0.3	84,253	9	2,300,674	27	268,376
Other/unknown	30,095	17.1	0.6	98,932	15	2,555,141	26	175,989

Table ND11

Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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 2001.
- b. 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 = Center for Medicare and Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.12
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG NONDUALS PER BENEFIT MONTH
 BY BENEFICIARY CHARACTERISTIC^{a,b}
 MASSACHUSETTS, 2001

Beneficiary Characteristics	No. Rx per Bene Mo.	Rx \$ per Bene Mo.	\$ per Rx	Barbiturate \$ per Bene Mo.	Benzodiazepine \$ per Bene Mo.	No. of Bene Mos
All	0.1	\$2	\$26	\$0	\$1	6,016,197
Age						
5 and younger	0.1	1	15	0	0	1,051,821
6-14	0.0	1	43	0	0	1,613,406
15-20	0.0	1	44	0	0	826,909
21-44	0.1	3	25	0	2	1,705,248
45-64	0.2	6	25	0	3	718,004
65-74	0.1	2	25	0	1	61,077
75-84	0.1	3	31	0	1	27,622
85 and older	0.2	3	16	0	1	12,110
Unknown	0.0	0	0	0	0	0
Basis of Eligibility^c						
Aged	0.1	2	24	0	0	89,283
Disabled	0.2	6	28	0	3	1,232,106
Adults	0.1	2	24	0	1	1,586,832
Children	0.0	1	23	0	0	3,107,976
Unknown	0.0	0	0	0	0	0
Gender						
Female	0.1	2	25	0	1	3,486,659
Male	0.1	2	29	0	1	2,529,538
Unknown	0.0	0	0	0	0	0
Race						
White	0.1	3	26	0	1	3,173,848
African American	0.0	1	26	0	0	638,855
Other/unknown	0.0	1	26	0	0	2,203,494
Use of Nursing Facilities^d						
Entire year	0.4	9	23	0	3	24,103
Part year	0.4	11	24	0	4	31,952
None	0.1	2	26	0	1	5,960,142
Maintenance Assistance Status						
Cash	0.2	4	25	0	2	1,999,180
Medically needy	0.1	4	37	0	1	84,497
Poverty related	0.0	1	27	0	0	2,359,228
Other/unknown	0.1	2	26	0	0	1,573,292

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

- 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 2001.
- b. 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 = Center for Medicare and Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.13
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS FOR SELECTED DRUG CATEGORIES AMONG NONDUALS^{a,b,c}
 MASSACHUSETTS, 2001

Drug Category	No. Users	Rx \$ per User	Total Rx \$	Rx \$ as % of All Part D Excl Rx \$	Total No. Rx.	\$ per Rx	No. Rx as % of All Part D Excl Rx
All	139,615	\$92	\$12,862,091	100.0 %	494,045	\$26	100.0 %
Anorexia or weight loss/gain	1,962	94	184,481	1.4	3,499	53	0.7
Fertility drugs	707	85	60,126	0.5	1,029	58	0.2
Drugs for cosmetic purposes	1,120	1,027	1,149,858	8.9	4,011	287	0.8
Cough and cold medications	21,867	128	2,791,050	21.7	45,566	61	9.2
Vitamins and minerals	16,138	57	921,591	7.2	44,272	21	9.0
Non-prescription drugs	45,408	32	1,461,583	11.4	83,058	18	16.8
Barbiturates	1,555	36	56,658	0.4	12,480	5	2.5
Benzodiazepines	40,830	130	5,292,325	41.1	264,713	20	53.6
Other Part D Excl Rx Drugs	10,028	94	944,419	7.3	35,417	27	7.2

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

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 2001. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2001. 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. 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 = Center for Medicare and Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

APPENDIX TABLE A.1

CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY^{a, b}
 NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

Beneficiary Characteristics	No. of Beneficiaries					No. of Beneficiaries					
	All	Aged	Disabled	Adults	Unknown	All	Aged	Disabled	Adults	Unknown	
All	792,309	9,443	126,234	221,302	435,330	8,133,408	89,566	1,394,062	2,230,994	4,418,786	0
Age											
5 and younger	160,959	3	4,629	0	156,327	1,552,782	33	46,935	0	1,505,814	0
6-14	210,682	4	13,095	0	197,583	2,232,863	28	147,109	0	2,085,726	0
15-20	106,930	5	9,464	16,146	81,315	1,094,729	41	103,623	164,496	826,569	0
21-44	223,708	28	45,277	178,301	102	2,296,361	295	501,053	1,794,342	671	0
45-64	79,532	132	52,629	26,768	3	855,382	1,225	582,765	271,386	6	0
65-74	6,248	5,190	981	77	0	61,547	49,995	10,863	689	0	0
75-84	2,872	2,768	97	7	0	27,622	26,512	1,048	62	0	0
85 and older	1,377	1,313	61	3	0	12,110	11,437	654	19	0	0
Unknown	1	0	1	0	0	12	0	12	0	0	0
Gender											
Female	459,764	6,097	65,117	172,414	216,136	4,748,700	57,824	728,699	1,765,974	2,196,203	0
Male	332,545	3,346	61,117	48,888	219,194	3,384,708	31,742	665,363	465,020	2,222,583	0
Unknown	0	0	0	0	0	0	0	0	0	0	0
Race											
White	372,418	4,637	99,923	95,637	172,221	3,910,406	44,652	1,115,854	975,656	1,774,244	0
African American	98,144	991	12,083	26,291	58,779	1,027,073	9,883	135,478	269,751	611,961	0
Other/unknown	321,747	3,815	14,228	99,374	204,330	3,195,929	35,031	142,730	985,587	2,032,581	0
Use of Nursing Facilities^c											
Entire year	2,284	951	1,323	3	7	24,131	9,330	14,704	32	65	0
Part year	3,096	424	2,478	127	67	33,074	3,838	27,179	1,385	672	0
None	786,929	8,068	122,433	221,172	435,256	8,076,203	76,398	1,352,179	2,229,577	4,418,049	0
Maintenance Assistance Status											
Cash	242,075	1,410	94,396	48,149	98,120	2,640,856	14,930	1,081,947	499,805	1,044,174	0
Medically needy	9,369	3,006	6,363	0	0	90,029	30,329	59,700	0	0	0
Poverty related	326,495	776	17,241	0	308,478	3,237,936	7,115	172,075	0	3,058,746	0
Other/unknown	214,370	4,251	8,234	173,153	28,732	2,164,587	37,192	80,340	1,731,189	315,866	0
Managed Care Status											
FFS all year	534,031	9,367	109,069	140,239	275,356	5,404,836	88,826	1,200,596	1,380,002	2,735,412	0
FFS part year, with Rx claims	64,075	48	4,145	24,173	35,709	698,511	503	46,588	262,181	389,239	0
FFS part year, no Rx claims	58,317	16	1,662	16,668	39,971	546,163	154	15,702	149,231	381,076	0
MC all year, with Rx claims	19,545	2	1,911	7,200	10,432	219,969	14	22,333	82,330	115,292	0
MC all year, no Rx claims	116,341	10	9,447	33,022	73,862	1,263,929	69	108,843	357,250	797,767	0

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

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

APPENDIX TABLE A.2
MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS^a
NONDUAL BENEFICIARIES, MASSACHUSETTS, 2001

	Bene Mos in Cell J of Table 1		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos
All	792,309	8,133,408	656,423	6,016,197	0	2,117,211
FFS all year	534,031	5,404,836	534,031	5,404,836	0	0
FFS part year, with Rx claims	64,075	698,511	64,075	387,808	0	310,703
FFS part year, with no Rx claims	58,317	546,163	58,317	223,553	0	322,610
MC all year, with Rx claims	19,545	219,969	0	0	0	219,969
MC all year, with no Rx claims	116,341	1,263,929	0	0	0	1,263,929

Source: Data for this table are from the MAX 2001 file for Massachusetts, released by CMS in 07/2005. This table was produced on 09/19/2006.

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

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