

STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2002 UNITED STATES

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TABLE ND.2

CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a,b}
NONDUAL BENEFICIARIES, UNITED STATES, 2002

Beneficiary Characteristics	No. of Benes							No. of Bene Mos			Other/ Unknown	
	All	Aged	Disabled	Adults	Children	Unknown	All	Aged	Disabled	Adults		Children
All	31,971,338	277,878	3,948,824	9,788,659	17,947,991	7,986	234,744,351	2,403,466	38,615,783	64,203,235	129,468,936	52,931
Age												
5 and younger	7,638,764	24	187,552	4,403	7,446,784	1	52,625,796	133	1,731,389	20,766	50,873,506	2
6-14	7,761,002	22	495,637	6,028	7,259,312	3	60,510,922	106	5,034,866	30,659	55,445,271	20
15-20	4,419,559	39	355,600	1,000,080	3,063,647	193	32,415,551	288	3,539,721	6,659,469	22,215,090	983
21-44	9,081,709	210	1,285,991	7,740,360	52,318	2,830	63,973,823	1,293	12,540,948	51,189,542	224,238	17,802
45-64	2,604,898	1,470	1,573,385	1,024,314	790	4,939	21,551,779	9,393	15,241,765	6,262,465	4,172	33,984
65-74	189,938	143,709	42,727	3,476	8	18	1,701,263	1,240,225	448,135	12,733	38	132
75-84	91,289	84,741	6,181	362	3	2	822,100	757,534	62,944	1,582	32	8
85 and older	49,283	47,182	1,730	284	87	0	410,741	392,901	15,907	1,468	465	0
Unknown	134,896	481	21	9,352	125,042	0	732,376	1,593	108	24,551	706,124	0
Gender												
Female	18,972,908	181,301	2,010,997	7,817,249	8,955,390	7,971	139,127,752	1,576,664	19,999,730	52,857,313	64,641,258	52,787
Male	12,895,599	96,365	1,937,725	1,967,057	8,894,437	15	94,977,361	825,563	18,615,296	11,335,141	64,201,217	144
Unknown	102,831	212	102	4,353	98,164	0	639,238	1,239	757	10,781	626,461	0
Race												
White	13,949,482	96,339	1,914,609	3,988,919	7,945,638	3,977	104,440,963	838,327	18,439,566	25,991,429	59,144,689	26,952
African American	7,875,136	35,797	1,033,973	1,925,331	4,878,981	1,054	61,012,577	314,910	10,150,249	13,134,044	37,405,641	7,733
Other/unknown	10,146,720	145,742	1,000,242	3,874,409	5,123,372	2,955	69,290,811	1,250,229	10,025,968	25,077,762	32,918,606	18,246
Use of Nursing Facilities^c												
Entire year	76,322	20,193	55,596	251	282	0	781,727	196,161	581,773	1,715	2,078	0
Part year	72,631	10,906	57,490	2,764	1,455	16	677,438	96,119	550,397	19,916	10,863	143
None	31,822,385	246,779	3,835,738	9,785,644	17,946,254	7,970	233,285,186	2,111,186	37,483,613	64,181,604	129,455,995	52,788
Maintenance Assistance Status												
Cash	10,420,620	98,965	3,334,997	2,496,904	4,489,754	0	82,934,302	975,501	33,689,668	15,931,916	32,337,217	0
Medically needy	1,651,796	86,187	187,120	730,366	648,123	0	10,227,560	786,544	1,520,495	4,426,150	3,494,371	0
Poverty-related	10,897,784	25,632	138,727	1,114,775	9,610,694	7,956	77,416,332	187,065	1,042,177	5,769,163	70,365,215	52,712
Other/unknown	9,001,138	67,094	287,980	5,446,614	3,199,420	30	64,166,157	454,356	2,363,443	38,076,006	23,272,133	219
Managed Care Status												
FFS all year	23,689,689	258,707	3,485,642	7,406,447	12,531,090	7,803	203,662,639	2,320,125	36,377,989	55,048,931	109,863,509	52,085
FFS part year, with Rx claims	3,644,027	11,749	314,098	1,233,654	2,084,394	132	16,058,620	58,026	1,611,765	5,450,534	8,937,661	634
FFS part year, no Rx claims	4,637,617	7,421	149,083	1,148,555	3,332,507	51	15,023,076	25,314	626,026	3,703,758	10,667,766	212

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

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, UNITED STATES, 2002

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 Benes
All	52.5 %	6.5	\$385	\$59	\$2,911	13.2 %	31,971,338
Age							
5 and younger	55.7	3.5	129	37	1,869	6.9	7,638,764
6-14	49.6	3.6	212	59	1,661	12.8	7,761,002
15-20	47.0	3.7	220	59	2,390	9.2	4,419,559
21-44	50.2	6.7	432	65	3,321	13.0	9,081,709
45-64	69.8	26.0	1,683	65	8,481	19.8	2,604,898
65-74	69.4	22.8	1,259	55	8,182	15.4	189,938
75-84	64.3	22.7	1,192	53	9,326	12.8	91,289
85 and older	45.9	18.2	831	46	10,605	7.8	49,283
Unknown	16.1	0.6	29	48	1,271	2.3	134,896
Basis of Eligibility^c							
Aged	62.7	20.1	1,066	53	8,220	13.0	277,878
Disabled	76.5	26.1	1,928	74	12,062	16.0	3,948,824
Adults	46.2	4.2	201	48	1,781	11.3	9,788,659
Children	50.6	3.2	135	43	1,430	9.4	17,947,991
Unknown	68.0	10.4	969	93	7,737	12.5	7,986
Gender							
Female	53.6	6.9	374	54	2,709	13.8	18,972,908
Male	51.3	5.9	404	68	3,219	12.5	12,895,599
Unknown	21.8	0.8	42	49	1,642	2.5	102,831
Race							
White	59.0	8.4	489	58	3,287	14.9	13,949,482
African American	51.8	5.5	327	59	2,855	11.4	7,875,136
Other/unknown	44.3	4.6	286	63	2,437	11.7	10,146,720
Use of Nursing Facilities^d							
Entire year	89.5	68.7	4,162	61	55,426	7.5	76,322
Part year	92.4	55.8	3,776	68	50,932	7.4	72,631
None	52.4	6.2	368	59	2,676	13.8	31,822,385
Maintenance Assistance Status							
Cash	60.7	11.7	772	66	4,928	15.7	10,420,620
Medically needy	48.2	5.9	355	60	3,851	9.2	1,651,796
Poverty related	53.9	3.5	146	42	1,451	10.0	10,897,784
Other/unknown	42.2	4.2	231	55	2,171	10.6	9,001,138

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

Table ND3

Nondual Beneficiaries

- 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, UNITED STATES, 2002

Beneficiary Characteristics	Mean No. of Rx	Mean Rx \$	Rx \$ as % of All Services	No. of Rx, % with:					Mean \$, All Services	Benes	Bene Mos	
				None	More than 0, but 1 or Less	More than 1, but 2 or Less	More than 2, but 5 or Less	More than 5, but 10 or Less				More than 10
All	0.9	\$52	13.2 %	47.5 %	38.1 %	5.8 %	5.7 %	2.2 %	0.7 %	\$397	31,971,338	234,744,351
Age												
5 and younger	0.5	19	6.9	44.3	47.3	5.1	2.6	0.6	0.3	271	7,638,764	52,625,796
6-14	0.5	27	12.8	50.4	41.6	4.3	2.9	0.6	0.2	213	7,761,002	60,510,922
15-20	0.5	30	9.2	53.0	38.1	4.8	3.3	0.7	0.2	326	4,419,559	32,415,551
21-44	0.9	61	13.0	49.8	33.5	6.7	6.8	2.4	0.8	471	9,081,709	63,973,823
45-64	3.1	203	19.8	30.2	20.8	10.8	21.2	12.8	4.3	1,025	2,604,898	21,551,779
65-74	2.5	141	15.4	30.6	24.4	12.1	20.6	9.8	2.6	913	189,938	1,701,263
75-84	2.5	132	12.8	35.7	20.0	11.0	19.9	10.7	2.7	1,036	91,289	822,100
85 and older	2.2	100	7.8	54.1	10.7	6.5	15.4	10.7	2.6	1,272	49,283	410,741
Unknown	0.1	5	2.3	83.9	13.2	1.4	1.1	0.4	0.1	234	134,896	732,376
Basis of Eligibility^c												
Aged	2.3	123	13.0	37.3	21.9	10.9	18.5	9.0	2.3	950	277,878	2,403,466
Disabled	2.7	197	16.0	23.5	29.1	11.8	20.7	11.3	3.6	1,233	3,948,824	38,615,783
Adults	0.6	31	11.3	53.8	33.1	5.9	5.1	1.5	0.5	272	9,788,659	64,203,235
Children	0.4	19	9.4	49.4	43.1	4.4	2.4	0.5	0.2	198	17,947,991	129,468,936
Unknown	1.6	146	12.5	32.0	35.1	13.5	15.5	3.5	0.5	1,167	7,986	52,931
Gender												
Female	0.9	51	13.8	46.4	38.4	6.0	5.9	2.4	0.9	369	18,972,908	139,127,752
Male	0.8	55	12.5	48.7	37.8	5.6	5.3	1.9	0.6	437	12,895,599	94,977,361
Unknown	0.1	7	2.5	78.2	18.9	1.7	1.0	0.2	0.0	264	102,831	639,238
Race												
White	1.1	65	14.9	41.0	40.7	7.0	7.2	3.0	1.1	439	13,949,482	104,440,963
African American	0.7	42	11.4	48.2	40.1	5.1	4.5	1.6	0.5	369	7,875,136	61,012,577
Other/unknown	0.7	42	11.7	55.7	33.1	4.8	4.4	1.5	0.5	357	10,146,720	69,290,811
Use of Nursing Facilities^d												
Entire year	6.7	406	7.5	10.5	6.6	5.9	23.6	33.3	20.1	5,411	76,322	781,727
Part year	6.0	405	7.4	7.6	12.2	9.3	27.0	28.0	16.0	5,461	72,631	677,438
None	0.8	50	13.8	47.6	38.3	5.8	5.6	2.1	0.7	365	31,822,385	233,285,186
Maintenance Assistance Status												
Cash	1.5	97	15.7	39.3	37.4	7.7	9.7	4.4	1.4	619	10,420,620	82,934,302
Medically needy	1.0	57	9.2	51.8	32.2	6.5	6.4	2.3	0.8	622	1,651,796	10,227,560
Poverty related	0.5	21	10.0	46.1	45.1	5.0	2.9	0.7	0.3	204	10,897,784	77,416,332
Other/unknown	0.6	32	10.6	57.8	31.6	4.6	4.2	1.4	0.5	305	9,001,138	64,166,157

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.
 Table ND4

Nondual Beneficiaries

- 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, UNITED STATES, 2002

Beneficiary Characteristics	All Rx		Patented Brand-Name Drugs		Off-Patent Brand-Name Drugs		Generic Drugs	
	No. of Rx	Rx \$	No. of Rx	Rx \$	No. of Rx	Rx \$	No. of Rx	Rx \$
All	0.9	\$52	0.4	\$40	0.1	\$4	0.4	\$8
		\$ per Rx		\$ per Rx		\$ per Rx		\$ per Rx
Age								
5 and younger	0.5	19	0.2	14	0.0	2	0.3	4
6-14	0.5	27	0.2	20	0.0	3	0.2	4
15-20	0.5	30	0.2	23	0.0	3	0.2	5
21-44	0.9	61	0.4	47	0.1	4	0.5	10
45-64	3.1	203	1.4	157	0.2	13	1.5	33
65-74	2.5	141	1.2	106	0.2	9	1.2	25
75-84	2.5	132	1.2	100	0.2	8	1.2	25
85 and older	2.2	100	0.9	72	0.2	7	1.1	21
Unknown	0.1	5	0.0	4	0.0	0	0.1	1
Basis of Eligibility^d								
Aged	2.3	123	1.1	94	0.2	7	1.1	22
Disabled	2.7	197	1.2	155	0.2	12	1.3	30
Adults	0.6	31	0.3	23	0.0	2	0.3	6
Children	0.4	19	0.2	13	0.0	2	0.2	3
Unknown	1.6	146	0.7	125	0.1	6	0.8	15
Gender								
Female	0.9	51	0.4	38	0.1	4	0.5	9
Male	0.8	55	0.4	43	0.1	4	0.4	8
Unknown	0.1	7	0.0	5	0.0	0	0.1	1
Race								
White	1.1	65	0.5	50	0.1	5	0.5	11
African American	0.7	42	0.3	33	0.1	3	0.4	7
Other/unknown	0.7	42	0.3	32	0.1	3	0.3	7
Use of Nursing Facilities^e								
Entire year	6.7	406	2.7	303	0.5	26	3.4	76
Part year	6.0	405	2.4	313	0.4	22	3.1	68
None	0.8	50	0.4	38	0.1	4	0.4	8
Maintenance Assistance								
Status								
Cash	1.5	97	0.6	75	0.1	7	0.7	15
Medically needy	1.0	57	0.4	44	0.1	4	0.5	10
Poverty related	0.5	21	0.2	15	0.0	2	0.2	4
Other/unknown	0.6	32	0.3	25	0.0	2	0.3	5

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

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.

Table ND5

Nondual Beneficiaries

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 the U.S., 0.8 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, UNITED STATES, 2002

Therapeutic Category	No. of Rx per Bene Mo Among Users			\$ per Bene Mo Among Users			\$ per Rx			Users							
	Total	Patented Brand-Name	Off-Patent Brand-Name	Total	Patented Brand-Name	Off-Patent Brand-Name	Total	Patented Brand-Name	Off-Patent Brand-Name	Total Rx \$	No.	As % of All Benes	No. of Bene Mos				
														Generic	Generic	Generic	Generic
Anti-infective Agents	0.3	0.1	0.0	0.1	\$17	\$14	\$1	\$2	\$61	\$106	\$74	\$14	28,438,974	\$1,738,728,073	10,847,008	33.9 %	100,907,134
Biologics	0.3	0.3	0.0	0.0	271	232	8	30	977	920	1,835	1,494	216,842	211,775,561	81,031	0.3	781,730
Antineoplastic Agents	0.5	0.3	0.0	0.2	161	134	7	19	311	524	201	86	545,037	169,758,672	107,735	0.3	1,055,861
Endocrine/Metabolic Drugs	0.5	0.2	0.1	0.2	23	17	3	4	51	74	40	23	17,495,114	886,656,308	4,073,951	12.7	38,320,387
Cardiovascular Agents	1.1	0.5	0.1	0.6	44	30	3	10	40	66	43	18	23,106,242	922,974,448	2,165,233	6.8	21,164,321
Respiratory Agents	0.4	0.2	0.1	0.2	20	14	3	4	46	67	49	20	31,454,097	1,433,637,880	7,691,902	24.1	73,059,376
Gastrointestinal Agents	0.4	0.2	0.0	0.2	36	30	1	4	79	126	144	22	9,929,107	786,661,361	2,291,211	7.2	22,110,417
Genitourinary Agents	0.2	0.2	0.0	0.1	10	9	0	1	44	52	37	18	2,685,837	119,018,928	1,270,562	4.0	11,697,614
CNS Drugs	0.9	0.5	0.0	0.4	80	66	4	10	89	135	118	26	30,052,147	2,669,756,707	3,488,621	10.9	33,526,927
Stimulants/Anti-obesity/Anorexia	0.6	0.3	0.1	0.2	40	27	5	7	66	79	68	41	4,378,927	289,839,836	731,272	2.3	7,327,015
Miscellaneous Psychological/Neurological Agents	0.3	0.2	0.0	0.1	38	30	0	7	127	167	50	63	348,315	44,091,417	114,384	0.4	1,166,326
Analgesics and Anesthetics	0.4	0.1	0.0	0.3	17	11	1	5	41	129	60	15	23,719,129	974,041,006	6,115,171	19.1	57,106,408
Neuromuscular Agents	0.7	0.3	0.1	0.3	47	37	3	7	67	119	57	20	12,912,541	867,955,516	1,879,480	5.9	18,651,076
Nutritional Products	0.3	0.0	0.0	0.2	5	1	1	4	17	29	20	15	4,234,344	72,234,755	1,666,052	5.2	14,407,165
Hematological Agents	0.5	0.2	0.1	0.3	102	91	2	9	210	585	29	32	2,553,881	537,374,388	553,592	1.7	5,284,072
Topical Products	0.2	0.1	0.0	0.1	8	5	1	2	33	56	52	17	13,536,543	450,051,530	5,876,540	18.4	56,039,517
Miscellaneous Products	0.3	0.2	0.0	0.1	51	38	7	6	164	252	293	43	586,601	96,000,679	189,873	0.6	1,893,150
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	7	0	0	0	34	0	0	0	890,996	30,003,664	395,754	1.2	4,078,253
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.	207,084,674	12,300,560,729	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

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 the U.S., 0.8 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, UNITED STATES, 2002

Top 10 Drug Groups	Users				Among Users			
	Total Medicaid Rx \$	No.	As % of Nondual Benes	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo	
ANTIPSYCHOTICS	\$1,438,944,850	1,253,378	3.9 %	13,459,033	0.6	\$180	\$107	
ANTIDEPRESSANTS	900,957,891	2,831,128	8.9	28,897,899	0.5	68	31	
ANTIVIRAL	744,168,305	501,505	1.6	5,206,550	0.4	368	143	
ANTICONVULSANT	733,969,748	1,263,275	4.0	13,432,659	0.6	85	55	
ANTIASTHMATIC	687,238,895	4,338,830	13.6	44,214,306	0.3	55	16	
ULCER DRUGS	606,284,947	2,073,540	6.5	21,199,159	0.3	85	29	
ANALGESICS - NARCOTIC	449,085,509	4,643,154	14.5	46,328,424	0.3	37	10	
ANTIDIABETIC	392,588,027	1,035,001	3.2	10,585,096	0.6	63	37	
ANALGESICS - ANTI-INFLAMMATORY	362,441,624	3,904,655	12.2	39,452,397	0.2	43	9	
ANTIHISTAMINES	351,641,259	3,947,015	12.3	41,121,405	0.2	43	9	
Total	6,667,321,055	25,791,481		263,896,928	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. 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 2002. 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; n.a. = not applicable.

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, UNITED STATES, 2002

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIPSYCHOTICS				ANTIDEPRESSANTS			
	No. of Rx	Rx \$	No. of Users	Users as % of Nondual Benes	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Nondual Benes	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$
All	86,650,226	\$6,667,321,055	1,253,378	3.9 %	13,459,033	0.6	\$107	2,831,128	8.9 %	28,897,899	0.5	\$31
Female	53,882,626	3,839,825,116	660,005	3.5	7,080,271	0.6	95	1,958,376	10.3	19,908,164	0.5	31
Disabled	31,447,206	2,648,149,853	464,096	23.1	5,177,773	0.6	110	958,322	47.7	10,602,147	0.5	37
5 and younger	276,553	18,890,342	690	0.9	7,631	0.4	58	645	0.8	7,186	0.4	15
6-14	907,320	80,131,983	16,628	9.8	184,484	0.5	83	20,539	12.1	227,852	0.5	27
15-20	890,246	77,136,649	21,204	15.6	233,100	0.5	89	31,724	23.3	348,170	0.5	32
21-44	9,984,467	912,274,912	198,676	29.9	2,202,280	0.6	108	359,212	54.1	3,947,756	0.5	36
45-64	18,896,345	1,525,508,293	221,417	23.8	2,488,533	0.6	115	537,352	57.8	5,971,135	0.6	38
65-74	437,941	30,729,509	4,727	16.6	53,557	0.7	114	7,864	27.7	89,424	0.5	32
75-84	46,862	3,037,023	625	14.7	6,906	0.7	98	790	18.6	8,703	0.6	31
85 and older	7,472	441,142	129	10.8	1,282	0.6	71	196	16.4	1,921	0.6	31
Other Eligibles	22,434,905	1,191,653,796	195,894	1.2	1,902,435	0.4	56	1,000,029	5.9	9,305,917	0.4	25
5 and younger	2,437,180	86,442,803	2,806	0.1	30,105	0.3	38	3,838	0.1	40,602	0.3	12
6-14	3,477,469	190,465,541	36,652	1.0	392,109	0.5	70	91,670	2.5	965,251	0.4	23
15-20	2,894,468	139,709,902	38,386	1.5	385,859	0.4	57	158,311	6.2	1,549,976	0.3	23
21-44	10,176,527	538,181,571	88,828	1.4	813,381	0.3	43	621,296	9.8	5,607,724	0.3	24
45-64	2,116,758	146,595,340	14,628	2.3	129,511	0.4	59	94,844	15.1	827,120	0.5	32
65-74	701,673	49,071,939	6,023	6.5	65,003	0.7	99	14,814	16.0	158,993	0.5	28
75-84	434,386	29,014,392	4,916	9.0	50,674	0.6	74	9,818	17.9	103,116	0.5	31
85 and older	196,444	12,172,308	3,655	10.4	35,793	0.6	67	5,438	15.5	53,135	0.6	36
Male	32,749,168	2,826,902,543	593,308	4.6	6,378,293	0.6	120	872,617	6.8	8,988,713	0.5	32
Disabled	19,643,732	2,015,449,554	424,785	21.9	4,691,863	0.7	133	496,591	25.6	5,390,904	0.5	35
5 and younger	429,882	28,631,550	2,460	2.2	26,878	0.4	62	1,691	1.5	18,647	0.3	14
6-14	1,821,058	164,565,105	55,846	17.2	620,121	0.6	95	51,773	15.9	575,181	0.5	28
15-20	1,283,949	128,570,983	42,364	19.3	466,295	0.6	114	41,531	18.9	456,434	0.5	35
21-44	6,821,254	809,062,175	191,179	30.8	2,105,037	0.7	146	186,096	29.9	1,999,994	0.5	37
45-64	9,093,484	869,898,759	130,190	20.2	1,442,947	0.7	139	212,267	33.0	2,304,596	0.5	35
65-74	171,265	13,187,274	2,403	16.8	26,817	0.8	127	2,824	19.8	31,557	0.6	34
75-84	19,028	1,306,518	272	14.1	3,035	0.7	104	307	15.9	3,460	0.5	31
85 and older	3,832	227,190	71	13.3	733	0.7	73	102	19.1	1,035	0.6	28
Other Eligibles	13,104,878	811,420,644	168,514	1.5	1,686,386	0.5	83	376,014	3.4	3,597,774	0.4	26
5 and younger	3,169,140	123,741,832	5,734	0.2	60,165	0.3	48	6,070	0.2	64,127	0.3	12
6-14	4,444,511	278,464,829	80,677	2.2	855,953	0.5	85	136,758	3.7	1,436,159	0.4	25
15-20	1,830,748	119,348,590	43,075	2.9	428,616	0.6	88	87,627	5.8	854,558	0.4	29
21-44	2,048,091	157,571,950	24,740	1.7	205,134	0.4	74	98,280	6.7	815,852	0.4	25
45-64	1,017,948	90,807,225	7,324	1.8	64,308	0.4	80	35,171	8.7	299,801	0.5	30
65-74	326,262	23,476,608	3,313	6.0	35,245	0.7	107	6,319	11.5	67,468	0.5	29
75-84	192,822	13,302,382	2,370	7.8	24,360	0.6	83	3,917	13.0	41,035	0.5	32
85 and older	75,356	4,707,228	1,281	10.2	12,605	0.6	67	1,872	15.0	18,774	0.6	35
Unknown	19,505	647,208	89	0.1	576	0.5	63	172	0.1	1,157	0.4	24

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. 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 2002. 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, UNITED STATES, 2002

Beneficiary Characteristics	ANTIVIRAL					ANTICONVULSANT					ANTI-ASTHMATIC				
	No. of Users	Users as % of Nondual Benes	No. of Bene Mos Among Users	Mean Rx	Mean No. of Rx	No. of Users	Users as % of Nondual Benes	No. of Bene Mos Among Users	Mean Rx	Mean No. of Rx	No. of Users	Users as % of Nondual Benes	No. of Bene Mos Among Users	Mean Rx	Mean No. of Rx
All	501,505	1.6 %	5,206,550	\$143	0.4	1,263,275	4.0 %	13,432,659	0.6	\$55	4,338,830	13.6 %	44,214,306	0.3	\$16
Female	286,409	1.5	2,953,968	112	0.3	734,982	3.9	7,801,969	0.6	52	2,371,169	12.5	24,230,316	0.3	16
Disabled	114,817	5.7	1,279,777	174	0.4	499,736	24.9	5,557,600	0.7	59	787,805	39.2	8,809,767	0.4	23
5 and younger	1,396	1.8	15,657	68	0.4	7,621	9.9	83,652	0.7	69	35,815	46.5	394,840	0.3	20
6-14	5,113	3.0	58,682	161	0.6	30,146	17.7	339,894	0.7	76	48,617	28.6	554,748	0.3	20
15-20	3,392	2.5	38,145	91	0.3	27,162	19.9	302,964	0.7	78	27,888	20.5	314,369	0.3	18
21-44	56,556	8.5	623,682	177	0.4	203,633	30.6	2,252,107	0.7	64	218,178	32.8	2,436,795	0.3	20
45-64	47,782	5.1	537,088	181	0.4	226,844	24.4	2,530,332	0.6	49	445,577	47.9	4,976,691	0.4	26
65-74	520	1.8	5,886	106	0.3	3,874	13.6	43,661	0.7	38	10,481	36.9	118,501	0.5	26
75-84	52	1.2	601	48	0.2	388	9.1	4,333	0.7	31	1,062	25.0	11,992	0.5	24
85 and older	6	0.5	36	11	0.2	68	5.7	657	0.6	36	187	15.7	1,831	0.4	18
Other Eligibles	171,581	1.0	1,674,126	64	0.2	235,238	1.4	2,244,335	0.5	35	1,583,296	9.3	15,420,080	0.2	12
5 and younger	17,928	0.5	188,473	12	0.1	7,750	0.2	78,263	0.5	36	541,793	14.9	5,350,000	0.2	9
6-14	23,923	0.7	258,067	37	0.2	31,060	0.9	324,784	0.5	44	388,226	10.8	3,999,497	0.2	12
15-20	25,204	1.0	247,462	25	0.2	33,260	1.3	330,478	0.5	43	170,889	6.7	1,681,692	0.2	11
21-44	92,193	1.5	859,488	82	0.3	129,513	2.0	1,188,862	0.4	30	384,094	6.1	3,477,657	0.3	13
45-64	10,391	1.7	99,448	180	0.4	21,928	3.5	197,572	0.5	34	67,891	10.8	591,699	0.4	21
65-74	1,047	1.1	11,328	43	0.2	6,154	6.7	66,489	0.6	35	16,149	17.5	171,450	0.4	24
75-84	588	1.1	6,613	21	0.2	3,946	7.2	41,770	0.6	29	9,996	18.2	105,744	0.4	23
85 and older	307	0.9	3,247	8	0.1	1,627	4.6	16,117	0.7	30	4,258	12.2	42,341	0.4	19
Male	214,963	1.7	2,251,390	184	0.5	528,224	4.1	5,630,138	0.7	59	1,962,252	15.2	19,937,960	0.3	15
Disabled	131,117	6.8	1,408,843	232	0.6	387,041	20.0	4,264,565	0.7	65	486,033	25.1	5,356,773	0.4	23
5 and younger	1,555	1.4	17,451	54	0.4	10,542	9.5	116,280	0.6	60	58,392	52.9	642,997	0.3	21
6-14	6,062	1.9	69,588	145	0.5	52,740	16.2	593,000	0.7	65	98,434	30.2	1,118,273	0.3	19
15-20	3,112	1.4	35,248	105	0.3	39,320	17.9	438,517	0.8	78	37,723	17.2	426,663	0.3	18
21-44	62,995	10.1	658,899	226	0.5	159,205	25.6	1,749,610	0.8	73	88,524	14.2	970,572	0.4	20
45-64	57,019	8.9	623,503	262	0.6	123,101	19.1	1,343,707	0.7	51	197,813	30.7	2,141,598	0.5	28
65-74	356	2.5	3,957	183	0.6	1,925	13.5	21,155	0.8	44	4,559	31.9	50,173	0.5	30
75-84	16	0.8	174	28	0.1	172	8.9	1,901	0.7	34	479	24.8	5,392	0.5	32
85 and older	2	0.4	23	3	0.1	36	6.7	395	0.7	31	109	20.4	1,105	0.3	18
Other Eligibles	83,839	0.8	842,486	104	0.3	141,180	1.3	1,365,546	0.5	41	1,476,138	13.5	14,580,637	0.2	12
5 and younger	19,136	0.5	200,639	11	0.1	11,031	0.3	112,184	0.5	34	745,941	19.6	7,304,379	0.2	11
6-14	20,412	0.6	220,281	35	0.2	49,464	1.4	520,728	0.6	42	511,388	14.0	5,230,988	0.2	13
15-20	8,804	0.6	89,359	32	0.2	29,168	1.9	287,158	0.6	49	114,972	7.6	1,145,819	0.2	13
21-44	23,816	1.6	217,734	204	0.5	33,792	2.3	280,927	0.5	36	59,145	4.0	490,040	0.3	16
45-64	10,620	2.6	103,109	282	0.6	11,761	2.9	101,692	0.5	37	26,478	6.5	220,992	0.4	22
65-74	659	1.2	7,078	85	0.3	3,374	6.1	35,797	0.7	38	9,860	18.0	102,250	0.4	25
75-84	288	1.0	3,153	26	0.2	1,902	6.3	20,114	0.6	30	6,145	20.3	63,801	0.4	24
85 and older	104	0.8	1,133	13	0.1	688	5.5	6,946	0.6	26	2,209	17.6	22,468	0.4	21
Unknown	151	0.1	1,318	53	0.3	80	0.1	613	0.5	29	5,558	3.8	47,049	0.2	6

Nondual Beneficiaries

Table ND7B

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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 2002. 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 2002. 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, UNITED STATES, 2002

Beneficiary Characteristics	ULCER DRUGS				ANALGESICS - NARCOTIC				ANTIDIABETIC						
	No. of Users	Users as % of Nondual Benes	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Nondual Benes	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Nondual Benes	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$
All	2,073,540	6.5 %	21,199,159	0.3	\$29	4,643,154	14.5 %	46,328,424	0.3	\$10	1,035,001	3.2 %	10,585,096	0.6	\$37
Female	1,381,558	7.3	14,221,144	0.3	28	3,298,195	17.4	32,796,437	0.3	9	701,250	3.7	7,257,809	0.6	37
Disabled	684,584	34.0	7,664,184	0.4	37	1,095,497	54.5	12,166,032	0.4	17	468,521	23.3	5,199,001	0.6	39
5 and younger	10,084	13.1	106,922	0.4	22	5,372	7.0	60,706	0.1	1	233	0.3	2,477	0.7	47
6-14	12,962	7.6	148,181	0.4	30	16,812	9.9	193,296	0.1	2	2,151	1.3	24,015	0.7	45
15-20	15,577	11.4	175,916	0.3	25	32,747	24.0	368,891	0.2	4	3,804	2.8	42,106	0.6	39
21-44	196,339	29.5	2,195,173	0.4	31	418,936	63.1	4,642,127	0.3	15	83,269	12.5	922,012	0.6	36
45-64	435,947	46.9	4,883,001	0.4	40	608,701	65.5	6,755,331	0.4	19	364,975	39.3	4,049,037	0.6	40
65-74	12,055	42.4	136,998	0.4	36	11,428	40.2	129,183	0.3	12	12,703	44.7	143,876	0.6	38
75-84	1,361	32.1	15,372	0.5	36	1,257	29.6	14,047	0.3	8	1,233	29.0	13,927	0.7	33
85 and older	259	21.7	2,621	0.5	34	244	20.4	2,451	0.4	16	153	12.8	1,551	0.6	23
Other Eligibles	696,938	4.1	6,556,816	0.2	19	2,202,626	13.0	20,630,113	0.2	4	232,721	1.4	2,058,792	0.5	31
5 and younger	75,072	2.1	663,248	0.2	7	75,938	2.1	796,729	0.1	1	1,300	0.0	12,144	0.6	34
6-14	74,315	2.1	790,280	0.2	8	165,547	4.6	1,753,576	0.1	1	9,411	0.3	92,153	0.7	42
15-20	88,790	3.5	886,196	0.2	10	387,340	15.2	3,727,497	0.1	2	12,587	0.5	117,538	0.6	35
21-44	329,820	5.2	3,024,062	0.2	20	1,412,757	22.3	12,854,578	0.2	5	104,444	1.6	895,538	0.5	27
45-64	78,344	12.5	660,314	0.4	35	120,410	19.2	1,065,148	0.3	10	62,032	9.9	497,191	0.6	35
65-74	27,614	29.9	291,109	0.4	35	21,703	23.5	235,527	0.3	9	25,940	28.1	265,871	0.6	33
75-84	16,234	29.6	173,565	0.4	38	12,897	23.5	138,084	0.3	11	13,386	24.4	141,910	0.6	31
85 and older	6,749	19.3	68,022	0.5	42	6,034	17.2	58,974	0.4	14	3,621	10.3	36,447	0.6	26
Male	690,922	5.4	6,969,647	0.3	29	1,344,687	10.4	13,529,290	0.3	12	333,702	2.6	3,326,909	0.6	37
Disabled	362,921	18.7	3,968,396	0.4	37	605,745	31.3	6,522,191	0.4	20	225,680	11.6	2,432,896	0.6	38
5 and younger	13,229	12.0	140,840	0.4	22	8,805	8.0	99,390	0.1	1	342	0.3	3,624	0.6	41
6-14	18,513	5.7	212,004	0.4	29	27,324	8.4	313,967	0.1	2	2,226	0.7	24,800	0.7	43
15-20	16,146	7.4	181,740	0.4	29	34,702	15.8	389,788	0.2	4	3,222	1.5	35,608	0.6	41
21-44	109,861	17.7	1,202,212	0.4	35	223,229	35.9	2,388,190	0.3	19	45,744	7.4	495,121	0.6	36
45-64	199,753	31.0	2,171,408	0.4	40	306,751	47.6	3,276,727	0.4	25	169,649	26.3	1,823,589	0.6	38
65-74	4,739	33.2	52,737	0.4	37	4,347	30.4	47,782	0.3	13	4,024	28.2	44,775	0.6	37
75-84	559	28.9	6,214	0.5	39	465	24.0	5,141	0.3	8	412	21.3	4,722	0.7	36
85 and older	121	22.7	1,241	0.5	38	122	22.8	1,206	0.5	16	61	11.4	657	0.5	23
Other Eligibles	327,963	3.0	3,001,079	0.3	19	738,783	6.8	7,006,896	0.2	5	108,006	1.0	893,972	0.6	35
5 and younger	88,869	2.3	783,479	0.2	8	104,651	2.8	1,094,746	0.1	1	1,679	0.0	16,069	0.6	33
6-14	62,174	1.7	663,044	0.2	9	170,109	4.6	1,800,610	0.1	1	7,935	0.2	76,729	0.7	42
15-20	38,212	2.5	383,822	0.2	13	150,923	10.0	1,493,012	0.1	2	6,973	0.5	64,343	0.7	48
21-44	76,763	5.2	619,820	0.3	30	234,337	16.0	1,920,259	0.3	10	32,234	2.2	243,345	0.5	33
45-64	38,572	9.5	306,611	0.4	35	60,565	15.0	506,697	0.4	16	39,947	9.9	298,045	0.6	35
65-74	13,081	23.8	135,760	0.4	38	10,341	18.8	109,398	0.3	10	11,939	21.8	119,014	0.6	32
75-84	7,617	25.2	81,120	0.4	38	5,706	18.9	60,505	0.3	10	5,868	19.4	61,648	0.6	31
85 and older	2,675	21.4	27,423	0.5	42	2,151	17.2	21,669	0.3	12	1,431	11.4	14,779	0.6	27
Unknown	1,134	0.8	8,684	0.2	8	503	0.3	3,192	0.2	6	73	0.1	435	0.6	26

Table ND7C
 Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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 2002. 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 2002. 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, UNITED STATES, 2002

Beneficiary Characteristics	ANALGESICS - ANTI-INFLAMMATORY				ANTIHISTAMINES							
	No. of Users	Users as % of Nondual Benes	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Nondual Benes	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$	No. of Benes	No. of Bene Mos
All	3,904,655	12.2 %	39,452,397	0.2	\$9	3,947,015	12.3 %	41,121,405	0.2	\$9	31,971,338	234,744,351
Female	2,620,773	13.8	26,376,402	0.2	10	2,349,087	12.4	24,307,875	0.2	9	18,952,051	139,055,698
Disabled	780,609	38.8	8,821,275	0.3	20	540,719	26.9	6,134,581	0.3	13	2,010,995	19,999,722
5 and younger	6,660	8.6	75,694	0.2	3	16,540	21.5	188,292	0.2	5	77,072	710,969
6-14	19,369	11.4	223,930	0.2	6	39,899	23.5	459,363	0.2	11	170,042	1,736,679
15-20	27,473	20.2	311,672	0.2	6	28,310	20.8	322,448	0.2	11	136,177	1,359,823
21-44	254,485	38.3	2,858,808	0.2	13	178,364	26.8	2,015,959	0.3	11	664,438	6,606,259
45-64	458,375	49.3	5,186,593	0.3	25	270,535	29.1	3,066,975	0.3	15	929,402	9,229,496
65-74	12,757	44.9	147,564	0.4	25	6,337	22.3	73,279	0.3	12	28,425	302,033
75-84	1,322	31.1	15,164	0.4	27	632	14.9	7,230	0.3	13	4,245	43,501
85 and older	168	14.1	1,850	0.5	31	102	8.5	1,035	0.3	13	1,194	10,962
Other Eligibles	1,840,096	10.9	17,554,808	0.2	5	1,808,297	10.7	18,172,967	0.2	7	16,941,056	119,055,976
5 and younger	238,380	6.5	2,424,242	0.2	2	489,213	13.4	5,084,994	0.1	4	3,643,535	24,895,652
6-14	266,760	7.4	2,793,054	0.1	2	531,681	14.8	5,629,873	0.2	9	3,601,889	27,503,551
15-20	301,299	11.8	2,954,584	0.2	2	244,244	9.6	2,442,239	0.2	8	2,553,939	18,012,279
21-44	851,382	13.4	7,711,811	0.2	5	464,162	7.3	4,271,259	0.2	8	6,332,905	43,127,170
45-64	128,003	20.4	1,091,954	0.3	16	57,231	9.1	508,512	0.3	14	626,625	3,940,383
65-74	32,978	35.7	348,777	0.3	24	12,638	13.7	137,550	0.2	14	92,315	797,766
75-84	16,544	30.2	180,569	0.3	27	6,433	11.7	70,654	0.2	13	54,838	490,899
85 and older	4,750	13.6	49,817	0.4	31	2,695	7.7	27,886	0.3	13	35,010	288,276
Male	1,281,330	10.0	13,056,008	0.2	8	1,595,989	12.4	16,797,355	0.2	8	12,873,762	94,901,940
Disabled	404,780	20.9	4,509,960	0.3	14	313,796	16.2	3,542,646	0.3	12	1,937,709	18,615,207
5 and younger	10,371	9.4	117,385	0.2	2	26,136	23.7	297,346	0.2	6	110,470	1,020,378
6-14	30,057	9.2	347,276	0.2	4	74,771	23.0	858,265	0.2	12	325,589	3,298,125
15-20	28,223	12.9	319,765	0.2	4	32,159	14.7	367,782	0.2	13	219,421	2,179,890
21-44	130,278	21.0	1,437,110	0.2	10	83,729	13.5	937,957	0.3	13	621,531	5,934,500
45-64	200,874	31.2	2,231,468	0.3	20	94,663	14.7	1,054,692	0.3	13	643,940	6,011,958
65-74	4,403	30.8	50,435	0.3	21	2,036	14.2	23,219	0.3	12	14,289	145,993
75-84	494	25.5	5,651	0.4	26	253	13.1	2,854	0.3	14	1,935	19,431
85 and older	80	15.0	870	0.5	30	49	9.2	531	0.3	13	534	4,932
Other Eligibles	876,482	8.0	8,545,647	0.2	4	1,282,121	11.7	13,254,444	0.2	7	10,936,053	76,286,733
5 and younger	263,311	6.9	2,667,919	0.2	2	544,894	14.3	5,646,978	0.1	4	3,798,316	25,952,442
6-14	239,079	6.5	2,508,485	0.1	2	538,380	14.7	5,681,245	0.2	10	3,663,021	27,969,144
15-20	139,792	9.3	1,405,039	0.1	2	118,155	7.8	1,220,508	0.2	10	1,509,837	10,862,325
21-44	151,862	10.4	1,237,712	0.2	8	52,204	3.6	444,165	0.2	10	1,462,477	8,304,044
45-64	59,083	14.6	479,089	0.3	15	18,918	4.7	158,695	0.3	13	404,782	2,369,290
65-74	14,363	26.2	150,065	0.3	20	5,541	10.1	59,063	0.2	13	54,863	455,094
75-84	7,130	23.6	77,469	0.3	24	2,945	9.7	32,092	0.2	13	30,236	267,990
85 and older	1,862	14.9	19,869	0.4	29	1,084	8.7	11,698	0.3	12	12,521	106,404
Unknown	2,688	1.8	20,707	0.2	2	2,082	1.4	16,767	0.2	3	145,525	786,713

Table ND7D

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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 2002. 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 2002. 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, UNITED STATES, 2002**

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	\$406	6.7	76,322	781,727
Age				
0-64	459	7.2	52,659	548,896
65-74	353	6.3	7,329	76,922
75-84	286	5.8	7,809	76,605
85 and older	210	4.9	8,524	79,297
Unknown	231	4.9	1	7
Gender				
Female	402	7.0	41,880	431,548
Male	412	6.4	34,418	349,993
Unknown	320	6.8	24	186
Race				
White	416	7.3	43,910	440,399
African American	420	6.5	19,231	201,752
Other/unknown	357	5.2	13,181	139,576
Basis of Eligibility^c				
Aged	274	5.6	20,193	196,161
Disabled	450	7.1	55,596	581,773
Adults	651	5.9	251	1,715
Children	451	6.8	282	2,078
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2002 Medicaid enrollment. A total of 72,631 beneficiaries who were in nursing facilities for part of their enrollment and their 677,438 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, UNITED STATES, 2002

Therapeutic Category	No. of Rx per Bene Mo Among Users			\$ per Bene Mo Among Users			Total # of Rx			Total Rx \$			Users					
	Patented			Off-Patent			Generic			Total			As % of All-Year NF Residents					
	Total	Brand-Name	Off-Patent	Brand-Name	Off-Patent	Generic	Total	Patented	Off-Patent	Generic	Total	Brand-Name	Off-Patent	Generic	No.	Mos		
Anti-infective Agents	0.6	0.4	0.0	0.2	\$67	\$60	\$2	\$5	\$109	\$82	\$22	\$22	\$22	283,071	\$30,898,235	43,668	57.2 %	462,539
Biologicals	0.1	0.1	0.0	0.0	13	11	0	2	128	138	2,235	80	80	5,870	748,498	4,938	6.5	56,274
Antineoplastic Agents	0.6	0.2	0.1	0.3	138	84	15	39	225	482	167	112	112	30,557	6,879,895	4,938	6.5	49,902
Endocrine/Metabolic Drugs	1.2	0.6	0.2	0.5	53	38	5	9	43	69	30	19	19	364,000	15,699,514	28,407	37.2	298,176
Cardiovascular Agents	2.0	0.6	0.2	1.2	60	33	6	21	30	58	33	17	17	838,752	25,556,688	41,309	54.1	425,363
Respiratory Agents	1.0	0.4	0.1	0.5	41	23	4	14	43	65	65	26	26	297,877	12,928,472	29,477	38.6	312,161
Gastrointestinal Agents	1.1	0.4	0.0	0.7	63	47	1	15	56	107	72	22	22	429,477	24,181,893	36,811	48.2	381,566
Genitourinary Agents	0.7	0.4	0.0	0.3	38	28	1	9	55	70	40	35	35	104,149	5,779,391	14,067	18.4	151,424
CNS Drugs	2.0	1.1	0.1	0.8	185	153	10	22	92	143	83	27	27	1,121,299	103,539,657	52,968	69.4	559,357
Stimulants/Anti-obesity/Anorexia	0.8	0.2	0.0	0.5	37	25	2	10	49	137	51	19	19	6,184	304,513	796	1.0	8,187
Miscellaneous Psychological/Neurological Agents	0.7	0.7	0.0	0.0	98	97	0	1	136	138	0	56	56	35,457	4,822,114	4,790	6.3	48,963
Analgesics and Anesthetics	1.1	0.4	0.1	0.7	52	38	4	10	46	101	46	15	15	389,300	17,773,175	33,309	43.6	342,569
Neuromuscular Agents	1.6	0.6	0.2	0.9	93	63	8	22	58	106	49	25	25	635,120	36,621,960	36,422	47.7	394,670
Nutritional Products	0.8	0.0	0.1	0.7	16	1	1	14	20	65	22	18	18	173,414	3,410,887	20,199	26.5	207,220
Hematological Agents	1.1	0.3	0.2	0.6	82	72	4	6	74	226	17	12	12	229,799	17,010,811	20,608	27.0	207,429
Topical Products	0.6	0.2	0.1	0.3	21	12	3	6	37	59	52	18	18	237,819	8,751,442	38,082	49.9	411,791
Miscellaneous Products	0.5	0.1	0.0	0.4	30	9	2	19	62	147	240	46	46	28,565	1,760,958	5,677	7.4	58,436
Unknown Therapeutic Category	0.4	0.0	0.0	0.0	14	0	0	0	32	0	0	0	0	31,984	1,008,960	6,767	8.9	74,358
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.	n.a.	5,242,694	317,677,063	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. A total of 72,631 beneficiaries who were in nursing facilities for part of their enrollment and their 677,438 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 2002. 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 the U.S., 0.8 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, UNITED STATES, 2002

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	\$73,825,805	44,952	58.9 %	497,510	0.9	\$160	\$148
ANTICONVULSANT	29,853,205	38,399	50.3	424,517	1.1	64	70
ANTIDEPRESSANTS	22,787,410	41,584	54.5	444,623	0.8	61	51
ULCER DRUGS	19,570,873	35,728	46.8	377,458	0.7	71	52
ANTIVIRAL	17,136,293	6,413	8.4	69,245	1.0	251	247
ANTIDIABETIC	11,332,074	27,072	35.5	290,748	0.9	45	39
ANALGESICS - NARCOTIC	10,621,034	33,282	43.6	340,203	0.8	41	31
ANTIASTHMATIC	8,632,925	28,698	37.6	303,438	0.6	46	28
ANTIHYPERTENSIVE	7,658,984	25,993	34.1	274,193	0.8	35	28
HEMATOPOIETIC AGENTS	7,499,068	13,869	18.2	144,805	0.7	76	52
Total	208,917,671	295,990		3,166,740	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. A total of 72,631 beneficiaries who were in nursing facilities for part of their enrollment and their 677,438 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 2002. 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 2002 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, UNITED STATES, 2002

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTICONVULSANT				
	No. of Rx	Rx \$	Users as %			Mean No. of Rx	Mean Rx \$	No. of Users	NF Residents	No. of Bene Mos Among Users	Users as %			Mean No. of Rx	Mean Rx \$
			No. of Rx	Rx \$	Users						No. of Bene Mos Among Users	No. of Users	NF Residents		
All	2,661,469	\$208,917,671	44,952	58.9 %	497,510	0.9	\$148	38,399	50.3 %	424,517	1.1	\$70			
Female	1,483,872	111,772,488	24,912	59.5	276,152	0.9	145	20,302	48.5	225,384	1.1	69			
Disabled	1,146,166	90,861,000	18,856	67.8	212,963	1.0	158	17,009	61.2	190,565	1.1	73			
64 or younger	1,076,185	85,639,638	17,359	67.8	196,075	1.0	159	16,090	62.8	180,356	1.1	74			
65-74	56,318	4,356,985	1,200	74.4	13,653	0.9	149	765	47.5	8,528	1.1	57			
75-84	10,394	690,028	226	59.5	2,534	0.9	121	124	32.6	1,386	1.0	41			
85 and older	3,269	174,349	71	35.9	701	0.6	80	30	15.2	295	0.8	38			
Other Eligibles	337,706	20,911,488	6,056	43.0	63,189	0.8	102	3,293	23.4	34,819	1.0	47			
64 or younger	4,479	406,641	42	19.4	319	0.7	67	74	34.1	778	1.1	66			
65-74	100,551	6,936,800	1,790	65.5	19,898	0.9	137	1,265	46.3	14,053	1.1	55			
75-84	126,891	7,582,199	2,215	45.1	22,875	0.8	95	1,212	24.7	12,676	1.0	42			
85 and older	105,785	5,985,848	2,009	32.3	20,097	0.7	77	742	11.9	7,312	0.8	36			
Male	1,177,033	97,112,557	20,029	58.2	221,257	0.9	153	18,091	52.6	199,071	1.1	72			
Disabled	1,012,721	86,273,841	17,083	61.5	190,231	1.0	159	16,264	58.5	179,796	1.1	75			
64 or younger	974,329	83,459,479	16,220	61.3	180,661	1.0	161	15,666	59.2	173,263	1.1	75			
65-74	32,236	2,423,583	743	71.6	8,249	0.9	132	527	50.8	5,747	1.1	62			
75-84	4,708	308,786	90	44.6	998	0.9	130	59	29.2	655	0.9	41			
85 and older	1,448	81,993	30	41.1	323	0.9	96	12	16.4	131	1.1	53			
Other Eligibles	164,312	10,838,716	2,946	44.5	31,026	0.8	112	1,827	27.6	19,275	1.0	50			
64 or younger	7,486	806,088	52	14.9	482	0.7	95	114	32.7	1,151	1.0	64			
65-74	61,525	4,290,501	1,129	58.0	12,312	0.9	137	834	42.9	9,040	1.1	57			
75-84	57,708	3,653,744	1,092	47.3	11,357	0.8	105	601	26.1	6,283	0.9	44			
85 and older	37,593	2,088,383	673	33.2	6,875	0.7	79	278	13.7	2,801	0.8	34			
Unknown	564	32,626	11	44.0	101	0.7	129	6	24.0	62	0.9	19			

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. A total of 72,631 beneficiaries who were in nursing facilities for part of their enrollment and their 677,438 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 2002. 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 2002 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, UNITED STATES, 2002

Beneficiary Characteristics	ANTIDEPRESSANTS										ULCER DRUGS										ANTIVIRAL									
	Users as %					Users as %					Users as %					Users as %					Users as %					Users as %				
	No. of Users	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$							
All	41,584	54.5 %	444,623	0.8	\$51	35,728	46.8 %	377,458	0.7	\$52	6,413	8.4 %	69,245	1.0	\$248															
Female	24,641	58.8	264,701	0.8	52	19,761	47.2	210,187	0.7	51	2,547	6.1	27,824	0.9	193															
Disabled	17,653	63.5	193,313	0.9	55	13,797	49.6	149,215	0.7	52	2,137	7.7	23,382	1.0	221															
64 or younger	16,711	65.2	183,035	0.9	55	12,853	50.2	139,016	0.7	52	2,087	8.1	22,856	1.0	223															
65-74	686	42.6	7,601	0.8	49	703	43.6	7,667	0.7	51	39	2.4	398	0.6	147															
75-84	161	42.4	1,760	0.8	46	149	39.2	1,618	0.6	42	9	2.4	108	0.1	6															
85 and older	95	48.0	917	0.6	34	92	46.5	914	0.7	35	2	1.0	20	0.1	3															
Other Eligibles	6,988	49.6	71,388	0.8	47	5,964	42.4	60,972	0.7	50	410	2.9	4,442	0.3	45															
64 or younger	70	32.3	578	0.8	51	69	31.8	669	0.7	54	56	25.8	589	1.1	267															
65-74	1,625	59.5	17,627	0.8	51	1,328	48.6	14,214	0.7	52	73	2.7	816	0.1	26															
75-84	2,645	53.8	27,117	0.8	46	2,241	45.6	23,063	0.7	50	120	2.4	1,319	0.1	7															
85 and older	2,648	42.6	26,066	0.8	44	2,326	37.4	23,026	0.7	48	161	2.6	1,718	0.1	7															
Male	16,926	49.2	179,751	0.8	50	15,954	46.4	167,156	0.7	52	3,866	11.2	41,421	1.1	284															
Disabled	13,811	49.7	147,577	0.8	50	13,078	47.1	137,393	0.7	53	3,608	13.0	38,458	1.1	293															
64 or younger	13,309	50.3	142,213	0.8	51	12,542	47.4	131,812	0.7	53	3,574	13.5	38,088	1.1	294															
65-74	402	38.7	4,332	0.8	49	442	42.6	4,656	0.7	50	30	2.9	322	0.6	171															
75-84	65	32.2	680	0.7	37	66	32.7	679	0.7	57	4	2.0	48	0.1	11															
85 and older	35	47.9	352	0.7	42	28	38.4	246	0.8	53	0	0.0	0	0.0	0															
Other Eligibles	3,115	47.0	32,174	0.8	47	2,876	43.4	29,763	0.7	50	258	3.9	2,963	0.7	172															
64 or younger	102	29.2	749	0.7	42	138	39.5	1,356	0.7	43	106	30.4	1,269	1.2	341															
65-74	988	50.8	10,642	0.8	49	865	44.5	9,149	0.7	50	61	3.1	689	0.4	100															
75-84	1,132	49.1	11,638	0.8	47	1,061	46.0	10,911	0.7	51	48	2.1	532	0.1	8															
85 and older	893	44.1	9,145	0.8	44	812	40.1	8,347	0.7	51	43	2.1	473	0.1	10															
Unknown	17	68.0	171	0.7	34	13	52.0	115	0.6	50	0	0.0	0	0.0	0															

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. A total of 72,631 beneficiaries who were in nursing facilities for part of their enrollment and their 677,438 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 2002. 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 2002 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, UNITED STATES, 2002**

Beneficiary Characteristics	ANTIDIABETIC					ANALGESICS - NARCOTIC					ANTIASTHMATIC				
	Users as %					Users as %					Users as %				
	No. of Users	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	Residents	No. of Users	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$
All	27,072	35.5 %	0.9	\$39	0.9	33,282	43.6 %	0.8	\$31	0.8	28,698	37.6 %	0.6	\$29	
Female	16,518	39.4	0.9	40	0.9	19,412	46.4	0.7	30	0.7	16,138	38.5	0.6	28	
Disabled	12,082	43.5	0.9	41	0.9	14,069	50.6	0.8	33	0.8	11,646	41.9	0.6	29	
64 or younger	11,066	43.2	0.9	42	0.9	13,307	52.0	0.8	34	0.8	10,876	42.5	0.6	30	
65-74	836	51.9	0.8	39	0.8	586	36.4	0.6	26	0.6	578	35.9	0.6	26	
75-84	142	37.4	0.8	34	0.8	113	29.7	0.6	18	0.6	124	32.6	0.6	27	
85 and older	38	19.2	0.6	22	0.6	63	31.8	0.6	30	0.6	68	34.3	0.3	9	
Other Eligibles	4,436	31.5	0.8	34	0.8	5,343	38.0	0.6	22	0.6	4,492	31.9	0.5	23	
64 or younger	27	12.4	0.9	45	0.9	70	32.3	0.7	34	0.7	91	41.9	0.8	43	
65-74	1,483	54.3	0.9	39	0.9	1,166	42.7	0.6	21	0.6	1,064	39.0	0.6	27	
75-84	1,747	35.6	0.8	35	0.8	1,932	39.3	0.6	24	0.6	1,677	34.1	0.6	24	
85 and older	1,179	19.0	0.8	28	0.8	2,175	35.0	0.6	20	0.6	1,660	26.7	0.4	17	
Male	10,551	30.7	0.8	38	0.8	13,857	40.3	0.8	33	0.8	12,550	36.5	0.7	30	
Disabled	8,547	30.8	0.9	39	0.9	11,677	42.0	0.8	35	0.8	10,135	36.5	0.7	31	
64 or younger	8,101	30.6	0.9	40	0.9	11,278	42.6	0.8	35	0.8	9,669	36.5	0.7	31	
65-74	360	34.7	0.8	37	0.8	308	29.7	0.6	25	0.6	380	36.6	0.6	23	
75-84	69	34.2	0.8	36	0.8	56	27.7	0.5	9	0.5	60	29.7	0.8	41	
85 and older	17	23.3	0.7	18	0.7	35	47.9	0.5	13	0.5	26	35.6	0.2	6	
Other Eligibles	2,004	30.2	0.8	33	0.8	2,180	32.9	0.6	23	0.6	2,415	36.4	0.6	25	
64 or younger	28	8.0	0.7	34	0.7	96	27.5	1.0	49	1.0	132	37.8	1.2	60	
65-74	791	40.7	0.8	35	0.8	629	32.3	0.6	22	0.6	739	38.0	0.5	25	
75-84	761	33.0	0.8	34	0.8	788	34.2	0.6	26	0.6	851	36.9	0.5	24	
85 and older	424	20.9	0.8	27	0.8	667	32.9	0.5	17	0.5	693	34.2	0.5	20	
Unknown	3	12.0	0.5	13	0.5	13	52.0	0.5	11	0.5	10	40.0	0.5	21	

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. A total of 72,631 beneficiaries who were in nursing facilities for part of their enrollment and their 677,438 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 2002. 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 2002 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, UNITED STATES, 2002

Beneficiary Characteristics	ANTIHYPERTENSIVE										HEMATOPOIETIC AGENTS									
	Users as %					Users as %					Users as %					Users as %				
	No. of Users	% of All-Year Residents	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$	No. of Users	% of All-Year Residents	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$	No. of Users	% of All-Year Residents	No. of Bene Mos Among Users	Mean No. of Rx	Mean Rx \$	All-Year NF Residents	Year NF Residents	Bene Mos Among All-Year NF Residents		
All	25,993	34.1 %	274,193	0.8	\$28	13,869	18.2 %	144,805	0.7	\$52	76,322	781,727								
Female	14,433	34.5	153,119	0.8	28	7,301	17.4	77,273	0.7	53	41,879	431,541								
Disabled	9,252	33.3	100,410	0.8	28	4,878	17.5	52,554	0.7	57	27,801	295,940								
64 or younger	8,411	32.8	91,320	0.8	29	4,508	17.6	48,490	0.7	58	25,611	272,667								
65-74	627	38.9	6,860	0.8	27	295	18.3	3,256	0.7	49	1,612	17,423								
75-84	150	39.5	1,612	0.8	26	56	14.7	632	0.6	34	380	3,994								
85 and older	64	32.3	618	0.6	18	19	9.6	176	0.6	3	198	1,856								
Other Eligibles	5,181	36.8	52,709	0.8	26	2,423	17.2	24,719	0.6	45	14,078	135,601								
64 or younger	26	12.0	241	0.7	26	28	12.9	256	0.6	114	217	1,642								
65-74	1,202	44.0	13,132	0.8	27	490	17.9	5,342	0.7	48	2,731	28,509								
75-84	1,994	40.6	20,475	0.8	26	909	18.5	9,307	0.6	42	4,913	47,973								
85 and older	1,959	31.5	18,861	0.8	25	996	16.0	9,814	0.6	45	6,217	57,477								
Male	11,546	33.5	120,958	0.8	29	6,564	19.1	67,495	0.7	50	34,418	349,993								
Disabled	9,025	32.5	94,801	0.8	29	5,333	19.2	54,704	0.7	54	27,791	285,813								
64 or younger	8,525	32.2	89,446	0.8	29	5,082	19.2	52,031	0.7	56	26,478	272,175								
65-74	395	38.1	4,234	0.8	28	215	20.7	2,309	0.6	19	1,038	10,927								
75-84	81	40.1	866	0.8	28	33	16.3	344	0.6	16	202	2,021								
85 and older	24	32.9	255	0.8	27	3	4.1	20	0.4	50	73	690								
Other Eligibles	2,521	38.0	26,157	0.8	27	1,231	18.6	12,791	0.7	33	6,627	64,180								
64 or younger	46	13.2	366	0.9	34	31	8.9	293	0.5	95	349	2,392								
65-74	892	45.9	9,557	0.8	27	402	20.7	4,242	0.7	37	1,945	20,027								
75-84	934	40.5	9,628	0.8	28	438	19.0	4,497	0.7	29	2,307	22,570								
85 and older	649	32.0	6,606	0.8	23	360	17.8	3,759	0.7	29	2,026	19,191								
Unknown	14	56.0	116	0.8	26	4	16.0	37	0.8	5	25	193								

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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 2002. A total of 72,631 beneficiaries who were in nursing facilities for part of their enrollment and their 677,438 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 2002. 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 2002 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 AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D
 AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC^{a,b}
 UNITED STATES, 2002

Beneficiary Characteristics	No. of Benes with 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 Nondual Rx \$	Total No. of Benes	
									23.4 %
All	7,482,126	23.4 %	0.8	26,392,687	\$17	\$552,702,929	\$21	4.5 %	31,971,338
Age									
5 and younger	2,435,986	31.9	0.9	6,665,079	16	119,054,745	18	12.1	7,638,764
6-14	1,536,371	19.8	0.4	3,439,059	12	91,579,700	27	5.6	7,761,002
15-20	680,343	15.4	0.4	1,582,239	10	45,631,179	29	4.7	4,419,559
21-44	1,701,067	18.7	0.7	6,512,142	15	139,000,318	21	3.5	9,081,709
45-64	987,386	37.9	2.8	7,242,170	56	144,936,308	20	3.3	2,604,898
65-74	73,515	38.7	2.7	521,628	38	7,312,385	14	3.1	189,938
75-84	32,638	35.8	2.7	245,951	36	3,328,282	14	3.1	91,289
85 and older	13,158	26.7	2.4	116,368	31	1,514,539	13	3.7	49,283
Unknown	21,662	16.1	0.5	68,051	3	345,473	5	8.9	134,896
Basis of Eligibility^c									
Aged	95,530	34.4	2.4	668,120	33	9,049,674	14	3.1	277,878
Disabled	1,587,196	40.2	2.8	11,253,282	73	288,337,635	26	3.8	3,948,824
Adults	1,562,259	16.0	0.4	4,346,914	8	74,039,541	17	3.8	9,788,659
Children	4,234,928	23.6	0.6	10,117,192	10	181,070,008	18	7.5	17,947,991
Unknown	2,213	27.7	0.9	7,179	26	206,071	29	2.7	7,986
Gender									
Female	4,490,071	23.7	0.9	16,269,473	17	325,918,396	20	4.6	18,972,908
Male	2,970,258	23.0	0.8	10,055,783	18	226,409,525	23	4.3	12,895,599
Unknown	21,797	21.2	0.7	67,431	4	375,008	6	8.7	102,831
Race									
White	3,333,648	23.9	0.9	12,741,986	20	280,484,478	22	4.1	13,949,482
African American	1,756,126	22.3	0.7	5,637,346	14	109,836,377	19	4.3	7,875,136
Other/unknown	2,392,352	23.6	0.8	8,013,355	16	162,382,074	20	5.6	10,146,720
Use of Nursing Facilities^d									
Entire year	45,895	60.1	10.1	767,034	157	11,985,779	16	3.8	76,322
Part year	49,286	67.9	7.3	530,293	170	12,319,475	23	4.5	72,631
None	7,386,945	23.2	0.8	25,095,360	17	528,397,675	21	4.5	31,822,385
Maintenance Assistance Status									
Cash	3,110,330	29.8	1.4	14,574,984	31	325,012,269	22	4.0	10,420,620
Medically needy	367,585	22.3	0.8	1,362,241	14	23,611,302	17	4.0	1,651,796
Poverty related	2,498,133	22.9	0.5	5,933,217	11	115,059,734	19	7.2	10,897,784
Other/unknown	1,506,078	16.7	0.5	4,522,245	10	89,019,624	20	4.3	9,001,138

Table ND11

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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 2002.
- b. The statute establishing the Medicare Part D prescription program that started in 2006 excluded 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 or 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 AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D
 AMONG NONDUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 UNITED STATES, 2002

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	\$21	\$0	\$0	234,744,351
Age						
5 and younger	0.1	2	18	0	0	52,625,796
6-14	0.1	2	27	0	0	60,510,922
15-20	0.0	1	29	0	0	32,415,551
21-44	0.1	2	21	0	1	63,973,823
45-64	0.3	7	20	0	2	21,551,779
65-74	0.3	4	14	0	1	1,701,263
75-84	0.3	4	14	0	1	822,100
85 and older	0.3	4	13	0	1	410,741
Unknown	0.1	0	5	0	0	732,376
Basis of Eligibility^c						
Aged	0.3	4	14	0	1	2,403,466
Disabled	0.3	7	26	0	2	38,615,783
Adults	0.1	1	17	0	0	64,203,235
Children	0.1	1	18	0	0	129,468,936
Unknown	0.1	4	29	0	1	52,931
Gender						
Female	0.1	2	20	0	0	139,127,752
Male	0.1	2	23	0	0	94,977,361
Unknown	0.1	1	6	0	0	639,238
Race						
White	0.1	3	22	0	1	104,440,963
African American	0.1	2	19	0	0	61,012,577
Other/unknown	0.1	2	20	0	0	69,290,811
Use of Nursing Facilities^d						
Entire year	1.0	15	16	0	5	781,727
Part year	0.8	18	23	0	4	677,438
None	0.1	2	21	0	0	233,285,186
Maintenance Assistance Status						
Cash	0.2	4	22	0	1	82,934,302
Medically needy	0.1	2	17	0	0	10,227,560
Poverty related	0.1	1	19	0	0	77,416,332
Other/unknown	0.1	1	20	0	0	64,166,157

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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 2002.
 - b. The statute establishing the Medicare Part D prescription program that started in 2006 excluded 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 = 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 AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D
FOR SELECTED DRUG CATEGORIES AMONG NONDUALS^{a,b,c}
UNITED STATES, 2002

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	8,903,968	\$62	\$552,702,929	100.0 %	26,392,687	\$21	100.0 %
Anorexia or weight loss/gain	64,389	220	14,191,472	2.6	117,952	120	0.4
Fertility drugs	4,750	1,193	5,668,792	1.0	8,263	686	0.0
Drugs for cosmetic purposes	13,034	1,209	15,757,745	2.9	52,069	303	0.2
Cough and cold medications	2,601,728	50	129,248,290	23.4	5,047,645	26	19.1
Vitamins and minerals	466,817	69	32,292,878	5.8	1,676,453	19	6.4
Non-prescription drugs	4,555,636	47	212,239,921	38.4	13,483,085	16	51.1
Barbiturates	66,160	46	3,017,118	0.5	428,665	7	1.6
Benzodiazepines	936,023	101	94,815,216	17.2	5,029,006	19	19.1
Other Part D Excl Rx Drugs	195,431	233	45,471,497	8.2	549,549	83	2.1

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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 2002. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2002. 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 excluded 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 = 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, UNITED STATES, 2002

Beneficiary Characteristics	No. of Benes					No. of Bene Mos					Unknown	
	All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children		
All	43,497,096	314,401	4,812,564	12,529,875	25,831,812	8,444	401,652,754	2,887,917	51,235,165	103,773,198	243,699,588	56,886
Age												
5 and younger	10,703,553	34	229,097	7,783	10,466,638	1	97,468,267	261	2,387,263	75,913	95,004,826	4
6-14	11,492,580	33	640,135	10,354	10,842,055	3	114,752,320	273	7,172,051	100,207	107,479,769	20
15-20	5,933,197	46	438,111	1,191,039	4,303,807	194	54,089,359	399	4,762,342	9,435,925	39,889,660	1,033
21-44	11,516,565	241	1,556,413	9,870,048	86,878	2,985	99,035,997	1,697	16,536,392	81,972,670	506,160	19,078
45-64	3,333,408	1,714	1,891,390	1,434,175	888	5,241	31,905,388	13,158	19,752,783	12,097,236	5,600	36,611
65-74	218,394	165,112	48,820	4,436	8	18	2,087,539	1,529,283	535,176	22,886	62	132
75-84	103,569	96,294	6,758	512	3	2	982,910	908,279	71,767	2,824	32	8
85 and older	52,817	50,425	1,819	482	91	0	453,804	432,678	17,280	3,327	519	0
Unknown	143,013	502	21	11,046	131,444	0	877,170	1,889	111	62,210	812,960	0
Gender												
Female	25,448,125	205,207	2,466,994	9,890,674	12,876,821	8,429	233,664,501	1,895,073	26,627,027	83,446,553	121,639,108	56,740
Male	17,938,656	108,962	2,345,464	2,634,549	12,849,666	15	167,239,384	991,360	24,607,323	20,310,961	121,329,594	146
Unknown	110,315	232	106	4,652	105,325	0	748,869	1,484	815	15,684	730,886	0
Race												
White	18,060,759	106,682	2,283,441	5,083,434	10,583,087	4,115	165,384,492	972,976	23,994,285	42,267,158	98,121,521	28,552
African American	11,043,986	40,577	1,311,387	2,610,931	7,080,021	1,070	107,818,363	381,845	14,139,291	23,395,415	69,893,903	7,909
Other/unknown	14,392,351	167,142	1,217,736	4,835,510	8,168,704	3,259	128,449,899	1,533,096	13,101,589	38,110,625	75,684,164	20,425
Use of Nursing Facilities^c												
Entire year	77,349	20,499	56,275	271	304	0	801,422	201,470	595,939	1,849	2,164	0
Part year	74,669	11,056	58,919	3,085	1,593	16	742,078	100,789	597,628	28,495	15,023	143
None	43,345,078	282,846	4,697,370	12,526,519	25,829,915	8,428	400,109,254	2,585,658	50,041,598	103,742,854	243,682,401	56,743
Maintenance Assistance Status												
Cash	15,766,362	118,592	4,119,622	3,815,807	7,712,341	0	158,989,482	1,242,501	45,060,471	34,784,366	77,902,144	0
Medically needy	2,339,335	94,663	201,964	938,683	1,104,025	0	20,463,547	884,172	1,751,546	7,691,196	10,136,633	0
Poverty related	13,912,524	30,372	170,805	1,232,628	12,470,305	8,414	123,357,100	254,371	1,541,375	7,584,052	113,920,641	56,661
Other/unknown	11,478,875	70,774	320,173	6,542,757	4,545,141	30	98,842,625	506,873	2,881,773	53,713,584	41,740,170	225
Managed Care Status												
FFS all year	23,689,689	258,707	3,485,642	7,406,447	12,531,090	7,803	203,661,323	2,320,097	36,377,289	55,051,158	109,860,705	52,074
FFS part year, with Rx claims	3,644,027	11,749	314,098	1,233,654	2,084,394	132	37,591,092	124,140	3,514,559	12,351,512	21,599,584	1,297
FFS part year, no Rx claims	4,637,654	7,443	149,091	1,148,558	3,332,511	51	43,409,029	68,686	1,573,864	10,293,573	31,472,468	438
MC all year, with Rx claims	1,432,667	4,364	227,465	344,493	856,304	41	15,280,908	48,693	2,641,679	3,392,348	9,197,870	318
MC all year, no Rx claims	10,087,442	32,114	636,166	2,391,403	7,027,342	417	101,703,870	326,256	7,127,614	22,678,516	71,568,725	2,759

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

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 = 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, UNITED STATES, 2002

	Bene Mos in Cell J of Table 1		Bene Mos and		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	No. of Benes	No. of Bene Mos
All	43,497,096	401,652,754	31,971,338	234,744,351	10,087,474	166,908,403		
FFS all year	23,689,689	203,661,323	23,689,689	203,662,639	0	-1,316		
FFS part year, with Rx claims	3,644,027	37,591,092	3,644,027	16,058,620	0	21,532,472		
FFS part year, with no Rx claims	4,637,654	43,409,029	4,637,617	15,023,076	37	28,385,953		
MC all year, with Rx claims	1,432,667	15,280,908	0	0	0	15,280,908		
MC all year, with no Rx claims	10,087,442	101,703,870	5	16	10,087,437	101,703,854		
Unknown	5617	6532	0	0	0	6532		

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

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.

APPENDIX TABLE A.3
 MANAGED CARE PENETRATION RATES, ALL STATES COMBINED AND BY STATE, BY BASIS OF ELIGIBILITY
 NONDUAL BENEFICIARIES, UNITED STATES, 2002^{a,b}

	All Nonduals		Aged/Disabled		Adults/Children	
	No. of Benes Enrolled in MC all Year	% of Benes Enrolled in MC all Year	No. of Benes Enrolled in MC all Year	% of Benes Enrolled in MC all Year	No. of Benes Enrolled in MC all Year	% of Benes Enrolled in MC all Year
All States	43,497,096	26.5 %	5,126,965	17.6 %	38,361,687	27.7 %
Alabama	671,827	0.0	109,998	0.0	561,647	0.0
Alaska	112,899	0.0	7,822	0.0	104,999	0.0
Arizona	1,020,556	85.3	75,192	88.8	945,364	85.0
Arkansas	547,829	0.0	74,902	0.0	472,927	0.0
California	7,635,486	36.2	655,706	20.6	6,976,276	37.7
Colorado	368,442	27.4	42,620	33.7	325,766	26.5
Connecticut	404,340	62.3	33,847	0.0	370,399	68.0
D.C.	126,650	73.1	11,266	79.1	115,346	72.5
Delaware	132,331	58.2	21,255	10.4	111,076	67.4
Florida	2,196,610	18.6	305,455	19.9	1,891,042	18.4
Georgia	1,338,091	0.0	161,563	0.0	1,175,092	0.0
Hawaii	178,480	57.2	16,095	9.1	162,370	61.9
Idaho	176,694	0.0	17,358	0.0	159,336	0.0
Illinois	1,697,149	6.3	188,930	0.0	1,507,921	7.1
Indiana	767,004	17.3	73,088	4.6	693,720	18.7
Iowa	293,144	15.1	34,115	0.0	259,029	17.1
Kansas	253,060	14.0	29,934	0.6	223,071	15.8
Kentucky	634,584	20.6	137,808	16.1	496,683	21.9
Louisiana	876,097	0.0	127,587	0.0	748,510	0.0
Maine	199,013	0.0	28,498	0.0	170,445	0.0
Maryland	685,355	59.6	84,172	62.8	601,183	59.1
Massachusetts	846,354	21.4	143,098	9.6	703,256	23.8
Michigan	1,297,947	45.3	177,972	60.7	1,119,975	42.9
Minnesota	552,066	47.0	54,039	3.5	497,917	51.7
Mississippi	566,812	0.0	89,691	0.0	477,101	0.0
Missouri	958,929	40.0	93,619	0.0	865,310	44.3
Montana	75,833	0.2	11,020	0.0	64,808	0.2
Nebraska	230,049	57.6	15,864	59.2	214,087	57.5
Nevada	186,286	29.2	20,997	0.0	165,282	32.9
New Hampshire	99,770	6.5	7,983	0.0	91,787	7.0
New Jersey	814,959	56.8	107,935	29.4	706,918	61.0
New Mexico	419,083	45.9	34,427	61.8	384,568	44.5
New York	3,790,224	20.3	490,970	10.5	3,299,145	21.8

	All Nonduals			Aged/Disabled			Adults/Children			
	No. of Benes	% of Benes Enrolled in MC all Year	No. of Benes	No. of Benes Enrolled in MC all Year	No. of Benes	% of Benes Enrolled in MC all Year	No. of Benes	% of Benes Enrolled in MC all Year	No. of Benes	% of Benes Enrolled in MC all Year
North Carolina	1,114,468	0.7	141,356	471	0.3	973,112	7,638	0.8		
North Dakota	58,226	0.5	4,897	0	0.0	53,329	318	0.6		
Ohio	1,584,587	16.6	204,785	1,476	0.7	1,379,802	261,685	19.0		
Oklahoma	609,762	41.8	53,596	27,956	52.2	556,166	226,765	40.8		
Oregon	529,058	43.1	37,413	21,306	56.9	491,559	206,937	42.1		
Pennsylvania	1,366,160	54.7	281,267	166,416	59.2	1,084,466	580,557	53.5		
Rhode Island	169,195	77.5	23,492	4,067	17.3	145,505	127,034	87.3		
South Carolina	794,242	5.9	81,994	2,950	3.6	712,157	43,908	6.2		
South Dakota	98,550	0.0	8,643	0	0.0	89,891	0	0.0		
Tennessee	1,376,192	7.9	172,801	4,593	2.7	1,203,391	103,464	8.6		
Texas	2,728,831	11.1	264,618	29,289	11.1	2,464,159	272,607	11.1		
Utah	222,352	26.1	17,976	5,377	29.9	204,263	52,624	25.8		
Vermont	124,953	0.0	8,667	0	0.0	116,265	0	0.0		
Virginia	584,696	32.7	89,407	29,789	33.3	495,143	161,262	32.6		
Washington	975,067	33.3	103,315	89	0.1	871,752	324,972	37.3		
West Virginia	317,305	12.7	66,383	146	0.2	250,566	40,266	16.1		
Wisconsin	629,187	40.6	76,603	138	0.2	552,479	255,493	46.2		
Wyoming	60,312	0.0	4,926	0	0.0	55,326	0	0.0		

Source: Data for this table are from the MAX 2002 file for the U.S., released by CMS in 07/2006. This table was produced on 04/19/2007.

a. Appendix Table A.3 was derived from data contained in Appendix Table A.1 for each state.

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.

MC = Managed Care; CMS = Center for Medicare and Medicaid Services; D.C. = District of Columbia; MAX = Medicaid Analytic Extract.