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STATISTICAL COMPENDIUM:
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2007
UNITED STATES

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CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a, b}
NONDUAL BENEFICIARIES, UNITED STATES, 2007

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
All	35,060,837	255,214	4,365,550	10,079,119	20,323,663	37,291	260,686,340	2,283,572	43,194,629	67,717,077	147,197,130	293,932
Age												
5 and younger	8,794,644	6	219,806	6,515	8,568,313	4	61,220,787	47	2,095,558	32,627	59,092,536	19
6-14	8,384,239	15	577,772	2,682	7,803,769	1	65,584,690	127	6,115,457	14,994	59,454,110	2
15-20	5,247,878	18	457,724	999,101	3,790,347	688	39,311,007	148	4,770,869	6,667,990	27,867,821	4,179
21-44	9,450,549	210	1,263,164	8,103,233	70,760	13,182	67,176,259	1,679	12,422,537	54,301,636	363,538	86,869
45-64	2,790,776	1,269	1,805,931	959,781	611	23,184	24,260,588	10,536	17,368,741	6,675,895	4,239	201,177
65-74	169,540	133,188	34,603	1,511	7	231	1,536,665	1,173,884	352,098	8,982	26	1,675
75-84	87,109	81,519	5,392	189	8	1	813,038	753,822	57,788	1,368	49	11
85 and older	40,176	38,934	1,144	79	19	0	355,218	343,148	11,506	464	100	0
Unknown	95,926	55	14	6,028	89,829	0	428,088	181	75	13,121	414,711	0
Gender												
Female	20,893,055	164,521	2,158,333	8,363,662	10,169,267	37,272	154,235,428	1,477,398	21,499,196	57,261,180	73,703,834	293,820
Male	14,078,375	90,560	2,207,091	1,711,327	10,069,378	19	106,026,272	805,436	21,694,563	10,447,207	73,078,954	112
Unknown	89,407	133	126	4,130	85,018	0	424,640	738	870	8,690	414,342	0
Race												
White	14,320,518	72,083	2,008,906	4,085,757	8,132,346	21,426	109,315,715	641,134	19,679,204	27,063,016	61,768,080	164,281
African American	8,193,647	39,316	1,149,355	2,063,088	4,936,675	5,213	62,396,174	341,724	11,386,200	13,698,050	36,929,916	40,284
Other/unknown	12,546,672	143,815	1,207,289	3,930,274	7,254,642	10,652	88,974,451	1,300,714	12,129,225	26,956,011	48,499,134	89,367
Use of Nursing Facilities^c												
Entire year	76,819	16,396	59,596	524	297	6	817,381	171,268	640,323	3,239	2,520	31
Part year	87,171	10,139	66,853	5,340	4,753	86	820,566	96,874	644,362	41,059	37,477	794
None	34,896,847	228,679	4,239,101	10,073,255	20,318,613	37,199	259,048,393	2,015,430	41,909,944	67,672,779	147,157,133	293,107
Maintenance Assistance Status												
Cash	11,044,522	73,998	3,622,523	2,719,115	4,628,886	0	85,311,238	703,897	36,815,782	16,399,003	31,392,556	0
Medically needy	1,610,638	96,292	186,244	759,434	568,668	0	11,809,162	864,836	1,567,232	5,578,739	3,798,355	0
Poverty-related	13,176,737	26,772	167,451	1,281,509	11,663,714	37,291	97,323,121	237,994	1,354,855	6,727,943	88,708,397	293,932
Other/unknown	9,228,940	58,152	389,332	5,319,061	3,462,395	0	66,242,819	476,845	3,456,760	39,011,392	23,297,822	0
Fee-for-service (FFS) all year	22,929,795	214,353	3,592,966	6,929,056	12,158,818	34,602	203,579,959	2,055,070	38,353,114	53,572,195	109,315,827	283,753
FFS part year, with Rx claims	3,986,256	21,545	439,391	1,197,978	2,325,474	1,868	15,089,592	100,377	2,228,611	4,275,067	8,478,341	7,196
FFS part year, no Rx claims	5,548,984	11,289	151,755	1,323,024	4,062,366	550	16,413,223	36,466	583,566	3,846,945	11,944,623	1,623

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

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

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

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

TABLE ND.3
ANNUAL MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC^{a, b}
NONDUAL BENEFICIARIES, UNITED STATES, 2007

Beneficiary Characteristics	Percentage with at Least One Rx	Mean Number of Rx	Mean Rx \$	\$ per Rx	Mean \$, All Medicaid FFS \$ ^c	Rx \$ as a Percentage of All Medicaid FFS \$ ^d	Number of Beneficiaries
All	52.9	6.8	\$550	\$80	\$3,597	15.3	35,060,837
Age							
5 and younger	54.7	3.4	196	58	2,281	8.6	8,794,644
6-14	51.1	4.0	355	88	2,030	17.5	8,384,239
15-20	48.4	4.2	367	88	2,880	12.7	5,247,878
21-44	50.0	6.7	552	82	3,994	13.8	9,450,549
45-64	72.4	30.4	2,516	83	11,692	21.5	2,790,776
65-74	67.4	23.9	1,672	70	11,165	15.0	169,540
75-84	57.3	17.9	1,176	66	11,299	10.4	87,109
85 and older	37.3	10.6	589	55	15,200	3.9	40,176
Unknown	5.8	0.2	13	63	438	2.9	95,926
Basis of Eligibility^e							
Aged	59.4	18.8	1,258	67	11,002	11.4	255,214
Disabled	77.1	28.0	2,723	97	15,341	17.7	4,365,550
Adults	46.3	4.5	267	60	2,073	12.9	10,079,119
Children	51.0	3.3	212	64	1,724	12.3	20,323,663
Unknown	73.4	15.9	1,636	103	10,641	15.4	37,291
Gender							
Female	53.4	7.1	503	71	3,285	15.3	20,893,055
Male	52.6	6.6	622	95	4,078	15.2	14,078,375
Unknown	9.9	0.4	28	67	635	4.3	89,407
Race							
White	58.1	8.9	686	77	4,111	16.7	14,320,518
African American	52.2	6.1	505	83	3,809	13.3	8,193,647
Other/unknown	47.5	5.0	424	85	2,871	14.8	12,546,672
Use of Nursing Facilities^f							
Entire year	84.8	76.9	5,881	76	72,803	8.1	76,819
Part year	90.2	56.4	4,633	82	61,599	7.5	87,171
None	52.8	6.6	528	81	3,299	16.0	34,896,847
Maintenance Assistance Status							
Cash	59.2	12.3	1,097	89	6,241	17.6	11,044,522
Medically needy	58.6	8.0	606	76	4,976	12.2	1,610,638
Poverty related	55.0	3.7	221	59	1,829	12.1	13,176,737
Other/unknown	41.5	4.5	354	79	2,716	13.0	9,228,940

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

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

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

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

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

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

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

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

TABLE ND.4
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a, b}
NONDUAL BENEFICIARIES, UNITED STATES, 2007

Beneficiary Characteristics	Number of Rx, Percentage with:									Number		
	Mean Number of Rx	Mean Rx \$	Rx \$ as a Percentage of All Medicaid FFS ^c	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	Mean \$, All Medicaid FFS ^d	Beneficiaries	Benefit Months
All	0.9	\$74	15.3	47.1	37.8	5.8	5.9	2.4	1.1	\$484	35,060,837	260,686,340
Age												
5 and younger	0.5	28	8.6	45.3	46.0	4.8	2.8	0.7	0.4	328	8,794,644	61,220,787
6-14	0.5	45	17.5	48.9	41.3	4.9	3.7	0.8	0.4	260	8,384,239	65,584,690
15-20	0.6	49	12.7	51.6	38.2	5.0	3.9	1.0	0.3	385	5,247,878	39,311,007
21-44	0.9	78	13.8	50.0	32.9	6.5	6.9	2.6	1.0	562	9,450,549	67,176,259
45-64	3.5	290	21.5	27.6	19.9	10.1	21.1	14.3	6.9	1,345	2,790,776	24,260,588
65-74	2.6	185	15.0	32.6	22.6	10.7	18.9	10.6	4.5	1,232	169,540	1,536,665
75-84	1.9	126	10.4	42.7	22.5	9.1	15.2	7.9	2.7	1,211	87,109	813,038
85 and older	1.2	67	3.9	62.7	16.9	5.0	8.8	5.1	1.5	1,719	40,176	355,218
Unknown	0.0	3	2.9	94.2	3.9	0.7	0.8	0.3	0.1	98	95,926	428,088
Basis of Eligibility^e												
Aged	2.1	141	11.4	40.6	22.5	9.6	15.9	8.3	3.2	1,230	255,214	2,283,572
Disabled	2.8	275	17.7	22.9	28.5	11.2	20.1	12.0	5.3	1,551	4,365,550	43,194,629
Adults	0.7	40	12.9	53.7	32.7	5.8	5.4	1.7	0.7	309	10,079,119	67,717,077
Children	0.5	29	12.3	49.0	42.5	4.5	2.9	0.7	0.3	238	20,323,663	147,197,130
Unknown	2.0	208	15.4	26.6	32.0	14.6	19.5	6.0	1.3	1,350	37,291	293,932
Gender												
Female	1.0	68	15.3	46.6	37.9	5.8	5.9	2.6	1.2	445	20,893,055	154,235,428
Male	0.9	83	15.2	47.4	37.9	5.8	5.8	2.2	0.9	542	14,078,375	106,026,272
Unknown	0.1	6	4.3	90.1	8.1	1.0	0.6	0.1	0.0	134	89,407	424,640
Race												
White	1.2	90	16.7	41.9	39.1	6.8	7.5	3.3	1.5	539	14,320,518	109,315,715
African American	0.8	66	13.3	47.8	38.9	5.4	5.1	2.0	0.8	500	8,193,647	62,396,174
Other/unknown	0.7	60	14.8	52.5	35.6	4.8	4.5	1.8	0.9	405	12,546,672	88,974,451
Use of Nursing Facilities^f												
Entire year	7.2	553	8.1	15.2	8.6	4.2	15.9	29.9	26.3	6,842	76,819	817,381
Part year	6.0	492	7.5	9.8	15.3	7.9	22.8	26.1	18.0	6,544	87,171	820,566
None	0.9	71	16.0	47.2	37.9	5.8	5.8	2.3	1.0	445	34,896,847	259,048,393
Maintenance Assistance Status												
Cash	1.6	142	17.6	40.8	35.1	7.4	9.8	4.8	2.1	808	11,044,522	85,311,238
Medically needy	1.1	83	12.2	41.4	38.5	7.7	8.0	3.1	1.3	679	1,610,638	11,809,162
Poverty related	0.5	30	12.1	45.0	44.9	5.2	3.5	1.0	0.5	248	13,176,737	97,323,121
Other/unknown	0.6	49	13.0	58.5	30.8	4.3	4.2	1.6	0.7	378	9,228,940	66,242,819

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

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

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

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

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

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

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

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

TABLE ND.5
AVERAGE MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC^{a, b, c}
NONDUAL BENEFICIARIES, UNITED STATES, 2007

Characteristics	All Rx			Patented Brand-Name Drugs			Off-Patent Brand-Name Drugs			Generic Drugs		
	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx
All	0.9	\$74	\$80	0.3	\$56	\$183	0.0	\$5	\$107	0.6	\$13	\$24
Age												
5 and younger	0.5	28	58	0.1	19	156	0.0	2	62	0.3	7	21
6-14	0.5	45	88	0.2	37	158	0.0	2	94	0.3	6	25
15-20	0.6	49	88	0.2	39	188	0.0	3	110	0.3	7	23
21-44	0.9	78	82	0.3	59	204	0.0	4	127	0.6	14	23
45-64	3.5	290	83	1.1	215	190	0.2	20	122	2.2	54	25
65-74	2.6	185	70	0.9	134	148	0.2	16	101	1.6	34	22
75-84	1.9	126	66	0.7	91	134	0.1	11	95	1.1	23	21
85 and older	1.2	67	55	0.4	47	121	0.1	6	83	0.7	14	19
Unknown	0.0	3	63	0.0	2	256	0.0	0	79	0.0	1	26
Basis of Eligibility^d												
Aged	2.1	141	67	0.7	102	139	0.1	12	97	1.2	26	21
Disabled	2.8	275	97	1.0	214	219	0.1	17	127	1.7	44	26
Adults	0.7	40	60	0.2	28	147	0.0	2	107	0.5	10	21
Children	0.5	29	64	0.2	21	137	0.0	2	76	0.3	6	22
Unknown	2.0	208	103	0.6	162	268	0.1	14	156	1.3	32	24
Gender												
Female	1.0	68	71	0.3	50	165	0.0	5	106	0.6	14	23
Male	0.9	83	95	0.3	65	207	0.0	5	109	0.5	13	25
Unknown	0.1	6	67	0.0	4	266	0.0	0	56	0.1	1	21
Race												
White	1.2	90	77	0.4	67	175	0.1	6	113	0.7	17	23
African American	0.8	66	83	0.3	51	196	0.0	3	102	0.5	12	23
Other/unknown	0.7	60	85	0.2	46	189	0.0	4	100	0.4	10	25
Use of Nursing Facilities^e												
Entire year	7.2	553	76	2.2	416	185	0.3	29	103	4.7	106	23
Part year	6.0	492	82	1.7	366	209	0.2	29	119	4.0	95	24
None	0.9	71	81	0.3	54	182	0.0	4	107	0.5	13	24
Maintenance Assistance Status												
Cash	1.6	142	89	0.5	109	205	0.1	9	120	1.0	24	25
Medically needy	1.1	83	76	0.3	62	179	0.0	5	115	0.7	16	23
Poverty related	0.5	30	59	0.2	21	131	0.0	2	78	0.3	7	22
Other/unknown	0.6	49	79	0.2	38	172	0.0	3	103	0.4	9	23

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

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

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

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

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

e. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.
 CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.6
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d}
NONDUAL BENEFICIARIES, UNITED STATES, 2007

Therapeutic Category	Number of Rx per Benefit Month Among Users				\$ per Benefit Month Among Users				\$ per Rx				Users ^e				
	Total	Patented	Off-Patent	Total	Total	Patented	Off-Patent	Total	Total	Patented	Off-Patent	Total	Total Number of Rx	Total Rx \$	Number of Users of All Benes	As a Percentage of All Benes	Number of Benefit Months
		Brand-Name	Brand-Name			Brand-Name	Brand-Name			Brand-Name	Brand-Name						
Anti-infective Agents	0.3	0.0	0.0	0.2	\$21	\$14	\$2	\$6	\$78	\$375	\$104	\$26	30,018,430	\$2,335,057,679	11,569,328	33.0	108,980,350
Biologicals	0.3	0.3	0.0	0.0	371	371	0	0	1268	1,268	0	0	351,353	445,523,816	125,569	0.4	1,200,265
Antineoplastic Agents	0.5	0.2	0.0	0.3	205	180	3	22	384	971	558	63	637,060	244,913,605	119,952	0.3	1,194,962
Endocrine/Metabolic Drugs	0.5	0.2	0.0	0.3	32	24	1	7	69	140	58	25	21,563,716	1,496,069,739	4,935,219	14.1	46,919,984
Cardiovascular Agents	1.2	0.3	0.1	0.8	50	28	8	14	43	104	84	18	29,385,573	1,273,391,588	2,582,318	7.4	25,344,243
Respiratory Agents	0.4	0.2	0.0	0.2	31	25	2	4	68	103	60	22	32,261,100	2,207,738,888	7,610,856	21.7	72,204,443
Gastrointestinal Agents	0.4	0.2	0.0	0.2	40	30	4	6	93	167	158	27	11,594,454	1,074,958,670	2,747,409	7.8	26,691,367
Genitourinary Agents	0.3	0.1	0.0	0.1	15	9	1	5	58	96	86	31	2,981,804	173,377,784	1,271,559	3.6	11,684,532
CNS Drugs	1.0	0.4	0.0	0.5	109	93	4	13	115	238	127	24	34,831,895	4,003,579,414	3,810,701	10.9	36,659,944
Stimulants/Anti-obesity/Anorexia	0.7	0.6	0.0	0.1	78	73	1	3	112	129	66	31	7,173,969	806,772,143	1,052,310	3.0	10,391,315
Miscellaneous Psychological/Neurological Agents	0.3	0.3	0.0	0.0	84	82	0	2	277	291	137	95	790,820	219,437,768	259,680	0.7	2,602,157
Analgesics and Anesthetics	0.4	0.0	0.0	0.4	17	7	3	8	41	286	368	21	26,353,325	1,077,903,822	6,712,312	19.1	62,631,757
Neuromuscular Agents	0.8	0.3	0.0	0.4	77	56	7	14	102	190	177	32	16,912,991	1,723,760,919	2,279,125	6.5	22,493,101
Nutritional Products	0.3	0.1	0.0	0.2	6	3	0	4	21	42	25	15	4,399,800	92,636,305	1,652,521	4.7	14,314,625
Hematological Agents	0.6	0.2	0.0	0.3	168	162	0	6	301	711	36	18	3,382,318	1,019,032,636	640,239	1.8	6,061,987
Topical Products	0.2	0.1	0.0	0.2	13	8	1	4	51	111	75	23	15,795,933	801,057,849	6,670,721	19.0	63,957,350
Miscellaneous Products	0.3	0.2	0.0	0.1	83	74	3	6	317	431	289	75	733,215	232,349,434	275,994	0.8	2,807,050
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	15	0	0	0	81	0	0	0	529,051	42,905,290	277,374	0.8	2,838,949
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.	239,696,807	19,270,467,349	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

a. Table ND.6 includes the beneficiaries represented by Cell K of Table 1. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

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

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

e. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2007.

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

TABLE ND.7
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP^{a, b, c}
 NONDUAL BENEFICIARIES, UNITED STATES, 2007

Top 10 Drug Groups	Users			Among Users			
	Total Medicaid Rx \$	Number of Users	As a Percentage of All Beneficiaries	Number of Benefit Months	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month
ANTIPSYCHOTICS	\$2,802,074,017	1,640,837	4.7	17,102,304	0.6	\$265	\$164
ANTICONVULSANT	1,531,664,727	1,732,955	4.9	17,815,931	0.7	130	86
ANTIASTHMATIC	1,500,874,758	5,952,612	17.0	58,979,343	0.3	88	25
ANTIVIRAL	1,268,638,045	690,197	2.0	6,950,443	0.4	483	183
ANTIDEPRESSANTS	805,983,247	2,946,954	8.4	29,316,417	0.5	57	27
ULCER DRUGS	799,530,412	2,455,641	7.0	24,509,153	0.4	88	33
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	780,314,774	1,185,924	3.4	12,109,655	0.6	113	64
MISC. HEMATOLOGICAL	680,246,703	175,907	0.5	1,779,027	0.6	653	382
ANTIDIABETIC	669,129,822	1,371,942	3.9	13,679,217	0.6	82	49
ANALGESICS - Narcotic	649,066,874	5,678,433	16.2	55,008,132	0.3	41	12
Total	11,487,523,379	23,831,402	n.a.	237,249,622	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

a. Table ND.7 includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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

Nondual Medicaid Beneficiaries

TABLE ND.7A
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS COMBINED
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, UNITED STATES, 2007

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIPSYCHOTICS				ANTICONVULSANT			
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month
All	97,443,382	\$11,487,523,379	1,640,837	4.7	17,102,304	0.6	\$164	1,732,955	4.9	17,815,931	0.7	\$86
Female												
All Females	56,630,532	5,739,466,363	831,049	4.0	8,590,648	0.6	149	1,036,478	5.0	10,560,737	0.6	80
Female, Disabled												
All Ages	33,948,697	3,883,741,236	545,464	25.3	5,866,966	0.6	174	660,241	30.6	7,101,284	0.7	91
5 and younger	316,018	34,625,997	1,201	1.3	12,943	0.5	85	9,253	10.2	101,088	0.7	105
6-14	1,293,397	175,630,582	26,013	13.7	287,389	0.6	143	35,817	18.8	404,552	0.8	136
15-20	1,244,669	174,392,585	34,824	20.6	384,901	0.6	145	38,017	22.4	426,371	0.8	131
21-44	9,071,198	1,155,104,836	205,004	32.0	2,185,493	0.6	169	229,103	35.7	2,448,744	0.7	104
45-64	21,686,365	2,311,492,810	274,401	26.4	2,952,129	0.7	184	343,809	33.0	3,674,311	0.7	72
65-74	317,043	30,790,117	3,761	17.1	41,226	0.8	200	3,990	18.1	43,363	0.7	63
75-84	18,600	1,607,676	244	6.8	2,706	0.7	145	236	6.6	2,665	0.7	45
85 and older	1,407	96,633	16	1.9	179	0.6	132	16	1.9	190	0.8	19
Female, Other Eligibles												
All Ages	22,680,996	1,855,692,870	285,577	1.5	2,723,656	0.4	97	376,230	2.0	3,459,429	0.5	57
5 and younger	1,942,767	152,685,356	3,546	0.1	36,864	0.4	73	10,176	0.2	98,725	0.5	64
6-14	4,056,087	402,931,927	55,194	1.4	576,676	0.5	123	38,495	1.0	392,348	0.6	86
15-20	3,092,673	262,727,020	65,207	2.2	657,483	0.5	106	55,135	1.9	542,685	0.5	76
21-44	9,871,937	702,728,560	127,899	1.9	1,130,603	0.3	77	214,050	3.1	1,876,281	0.4	48
45-64	2,716,888	252,115,831	24,963	3.9	228,233	0.4	97	46,151	7.2	421,239	0.5	48
65-74	640,286	54,828,588	5,302	6.1	56,812	0.7	161	7,992	9.2	83,379	0.6	46
75-84	276,103	21,804,265	2,242	4.4	24,128	0.6	98	3,286	6.5	34,856	0.5	32
85 and older	84,255	5,871,323	1,224	4.5	12,857	0.6	73	945	3.5	9,916	0.6	28
Male												
All Males	40,805,790	5,747,603,564	809,729	5.8	8,511,284	0.7	179	696,418	5.0	7,254,806	0.7	95
Male, Disabled												
All Ages	24,507,777	3,904,632,205	552,133	25.0	5,966,518	0.7	198	505,211	22.9	5,453,225	0.8	103
5 and younger	497,384	81,806,094	4,162	3.2	44,401	0.5	97	12,257	9.5	133,574	0.7	98
6-14	3,158,042	583,239,663	87,388	22.5	969,903	0.6	152	63,239	16.3	712,402	0.7	118
15-20	2,156,101	439,039,906	71,523	24.8	794,823	0.6	175	56,569	19.6	635,343	0.8	131
21-44	6,908,670	1,257,083,654	209,853	33.7	2,244,673	0.7	218	184,454	29.7	1,978,953	0.8	120
45-64	11,643,192	1,527,822,119	176,933	23.1	1,887,650	0.7	209	186,709	24.4	1,971,607	0.7	73
65-74	135,847	14,817,892	2,137	17.0	23,514	0.8	198	1,860	14.8	19,967	0.8	66
75-84	7,799	769,568	126	7.0	1,430	0.8	203	115	6.4	1,283	0.7	54
85 and older	742	53,309	11	3.5	124	0.9	122	8	2.6	96	0.6	20

Nondual Medicaid Beneficiaries

TABLE ND.7A
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS COMBINED
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, UNITED STATES, 2007

Beneficiary Characteristics	All Top 10 Drug Groups			ANTIPSYCHOTICS				ANTICONVULSANT				
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
Male, Other Eligibles												
All Ages	16,297,018	1,842,917,370	257,583	2.2	2,544,732	0.6	134	191,199	1.6	1,801,558	0.6	71
5 and younger	2,793,727	249,083,942	8,670	0.2	89,201	0.4	84	13,750	0.3	134,144	0.5	62
6-14	6,875,552	783,288,258	119,627	3.0	1,235,220	0.6	137	57,553	1.5	589,042	0.6	81
15-20	2,723,764	352,427,638	76,401	4.2	769,433	0.6	142	44,559	2.4	439,747	0.6	88
21-44	2,078,350	235,049,966	35,490	2.7	289,950	0.5	116	48,198	3.7	390,865	0.5	54
45-64	1,367,414	181,372,706	12,798	3.7	112,888	0.5	132	21,184	6.1	186,033	0.5	53
65-74	290,166	27,444,169	2,869	5.9	30,260	0.7	162	3,780	7.8	39,074	0.6	52
75-84	135,125	11,765,976	1,287	4.2	13,389	0.6	106	1,709	5.5	17,862	0.5	36
85 and older	32,920	2,484,715	441	3.7	4,391	0.5	72	466	3.9	4,791	0.6	29
Unknown	8,894	539,698	80	0.1	432	0.6	122	74	0.1	435	0.5	49

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.
 a. Table ND.7A includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
 b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
 c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.
 Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

Nondual Medicaid Beneficiaries

TABLE ND.7B
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BASIS OF ELIGIBILITY, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, UNITED STATES, 2007

Beneficiary Characteristics	ANTIASTHMATIC					ANTIVIRAL					ANTIDEPRESSANTS				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
All	5,952,612	17.0	58,979,343	0.3	\$25	690,197	2.0	6,950,443	0.4	\$183	2,946,954	8.4	29,316,417	0.5	\$28
Female															
All Females	3,135,871	15.0	31,110,722	0.3	26	411,376	2.0	4,090,994	0.3	139	2,062,679	9.9	20,341,441	0.5	28
Female, Disabled															
All Ages	948,186	43.9	10,240,779	0.4	38	120,467	5.6	1,314,512	0.5	284	1,020,261	47.3	10,895,572	0.6	34
5 and younger	46,300	51.1	507,706	0.3	30	2,088	2.3	23,281	0.2	36	605	0.7	6,696	0.4	9
6-14	71,070	37.4	804,310	0.3	31	5,667	3.0	65,342	0.4	136	18,278	9.6	203,948	0.5	16
15-20	42,170	24.9	476,703	0.3	28	5,873	3.5	66,151	0.4	173	38,118	22.5	421,777	0.5	22
21-44	217,715	34.0	2,347,174	0.4	31	44,631	7.0	477,792	0.5	283	323,902	50.5	3,443,601	0.5	32
45-64	561,979	54.0	6,008,479	0.5	43	61,706	5.9	676,438	0.6	319	632,836	60.8	6,748,795	0.6	36
65-74	8,466	38.4	90,952	0.5	43	473	2.1	5,195	0.4	216	6,223	28.2	67,318	0.6	33
75-84	460	12.8	5,189	0.4	39	27	0.8	289	0.3	100	276	7.7	3,179	0.6	28
85 and older	26	3.1	266	0.5	26	2	0.2	24	0.1	7	23	2.8	258	0.5	16
Female, Other Eligibles															
All Ages	2,187,582	11.7	20,869,645	0.2	20	290,894	1.6	2,776,451	0.2	71	1,042,332	5.6	9,445,683	0.4	21
5 and younger	747,564	17.8	7,125,400	0.2	17	43,916	1.0	443,291	0.1	8	2,809	0.1	27,414	0.3	8
6-14	630,463	16.3	6,249,968	0.3	21	57,712	1.5	593,652	0.1	23	71,679	1.8	738,474	0.4	14
15-20	248,737	8.4	2,421,869	0.2	18	41,249	1.4	398,170	0.2	42	168,549	5.7	1,643,730	0.4	16
21-44	431,940	6.3	3,850,410	0.3	20	128,965	1.9	1,153,556	0.3	99	650,716	9.4	5,669,262	0.4	22
45-64	103,203	16.2	959,147	0.4	34	17,190	2.7	167,733	0.5	277	126,436	19.8	1,135,879	0.5	30
65-74	15,960	18.5	160,786	0.4	41	1,236	1.4	13,234	0.3	122	13,983	16.2	144,667	0.5	26
75-84	7,379	14.5	77,351	0.4	37	474	0.9	5,182	0.2	32	5,895	11.6	62,740	0.5	24
85 and older	2,336	8.6	24,714	0.4	32	152	0.6	1,633	0.1	28	2,265	8.3	23,517	0.6	22
Male															
All Males	2,814,844	20.0	27,853,474	0.3	25	278,719	2.0	2,858,693	0.4	245	884,107	6.3	8,974,141	0.5	27
Male, Disabled															
All Ages	643,675	29.2	6,976,221	0.4	36	119,747	5.4	1,271,026	0.7	412	546,369	24.8	5,812,445	0.6	30
5 and younger	74,987	58.0	821,356	0.3	31	2,883	2.2	32,334	0.2	29	1,314	1.0	14,187	0.4	9
6-14	151,236	39.0	1,705,148	0.3	30	8,641	2.2	99,777	0.3	91	43,477	11.2	487,985	0.5	17
15-20	63,611	22.1	716,918	0.3	30	5,400	1.9	61,311	0.4	184	49,376	17.1	549,671	0.5	24
21-44	98,954	15.9	1,063,753	0.4	31	39,378	6.3	400,896	0.7	421	182,841	29.4	1,928,497	0.5	31
45-64	250,838	32.8	2,627,394	0.5	45	63,103	8.2	673,111	0.8	495	266,987	34.9	2,807,050	0.6	32
65-74	3,778	30.1	38,584	0.5	45	336	2.7	3,532	0.8	396	2,270	18.1	23,865	0.6	32
75-84	245	13.7	2,793	0.5	43	6	0.3	65	0.1	7	94	5.2	1,070	0.6	30
85 and older	26	8.3	275	0.4	29	0	0.0	0	0.0	0	10	3.2	120	0.6	30

Nondual Medicaid Beneficiaries

TABLE ND.7B
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BASIS OF ELIGIBILITY, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, UNITED STATES, 2007

Beneficiary Characteristics	ANTIASTHMATIC					ANTIVIRAL					ANTIDEPRESSANTS				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
Male, Other Eligibles															
All Ages	2,171,063	18.3	20,876,949	0.2	21	158,947	1.3	1,587,597	0.3	110	337,657	2.8	3,161,517	0.4	21
5 and younger	1,026,962	23.5	9,734,507	0.2	18	47,493	1.1	479,694	0.1	8	4,081	0.1	39,998	0.3	8
6-14	827,675	21.1	8,157,653	0.3	23	55,277	1.4	568,914	0.1	22	95,685	2.4	984,505	0.5	16
15-20	194,903	10.7	1,918,684	0.3	22	17,646	1.0	177,026	0.2	60	90,453	4.9	890,462	0.4	20
21-44	67,931	5.2	566,746	0.3	26	22,901	1.8	208,081	0.6	350	96,201	7.4	783,474	0.4	24
45-64	38,465	11.1	345,486	0.4	39	14,593	4.2	142,744	0.8	517	43,235	12.4	379,317	0.5	29
65-74	8,657	17.9	86,739	0.4	45	734	1.5	7,900	0.4	204	4,935	10.2	51,770	0.5	25
75-84	5,125	16.6	53,329	0.4	44	261	0.8	2,829	0.2	81	2,389	7.7	25,109	0.5	23
85 and older	1,345	11.4	13,805	0.4	37	42	0.4	409	0.2	37	678	5.7	6,882	0.5	21
Unknown	2,106	1.9	15,749	0.2	14	142	0.1	857	0.3	46	335	0.3	1,200	0.6	23

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

Nondual Medicaid Beneficiaries

TABLE ND.7C
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BASIS OF ELIGIBILITY, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, UNITED STATES, 2007

Beneficiary Characteristics	ULCER DRUGS					STIMULANTS/ANTI-OBESITY/ANOREXIANTS					MISC. HEMATOLOGICAL				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month
All	2,455,641	7.0	24,509,153	0.4	\$33	1,185,924	3.4	12,109,655	0.6	\$64	175,907	0.5	1,779,027	0.6	\$382
Female															
All Females	1,602,806	7.7	16,017,269	0.4	32	371,290	1.8	3,778,509	0.5	62	96,021	0.5	984,984	0.6	81
Female, Disabled															
All Ages	733,352	34.0	7,910,855	0.5	44	91,526	4.2	1,006,000	0.6	70	75,764	3.5	795,671	0.6	82
5 and younger	15,634	17.3	164,777	0.4	32	1,989	2.2	20,824	0.4	46	77	0.1	839	0.5	473
6-14	18,791	9.9	215,110	0.4	44	41,321	21.7	459,088	0.6	64	154	0.1	1,761	0.6	529
15-20	22,329	13.2	252,989	0.3	32	17,792	10.5	199,923	0.6	66	188	0.1	2,065	0.4	827
21-44	181,569	28.3	1,961,914	0.4	36	16,065	2.5	171,505	0.6	73	6,267	1.0	65,528	0.5	94
45-64	486,088	46.7	5,218,145	0.5	48	14,288	1.4	153,903	0.6	90	67,377	6.5	707,117	0.6	77
65-74	8,348	37.9	91,246	0.5	46	70	0.3	745	0.5	109	1,550	7.0	16,675	0.6	75
75-84	544	15.1	6,120	0.5	46	1	0.0	12	0.5	1	136	3.8	1,511	0.7	81
85 and older	49	5.9	554	0.5	40	0	0.0	0	0.0	0	15	1.8	175	0.6	65
Female, Other Eligibles															
All Ages	869,353	4.6	8,106,199	0.3	21	279,763	1.5	2,772,508	0.5	60	20,257	0.1	189,313	0.5	76
5 and younger	128,043	3.1	1,121,600	0.2	13	10,741	0.3	108,408	0.3	39	101	0.0	1,010	0.2	335
6-14	107,608	2.8	1,102,001	0.2	15	181,668	4.7	1,835,229	0.6	61	130	0.0	1,318	0.3	661
15-20	124,001	4.2	1,209,660	0.2	13	51,944	1.8	525,372	0.5	60	168	0.0	1,612	0.3	519
21-44	363,493	5.3	3,261,610	0.3	21	31,250	0.5	266,447	0.5	58	4,790	0.1	41,666	0.4	61
45-64	103,152	16.2	967,928	0.4	36	3,994	0.6	35,266	0.5	75	7,532	1.2	67,572	0.5	66
65-74	26,800	31.0	272,740	0.4	45	105	0.1	1,129	0.5	68	4,112	4.8	40,968	0.6	70
75-84	12,774	25.1	134,029	0.4	45	41	0.1	432	0.4	58	2,570	5.1	26,537	0.6	71
85 and older	3,482	12.8	36,631	0.5	44	20	0.1	225	0.4	15	854	3.1	8,630	0.6	66
Male															
All Males	851,889	6.1	8,485,790	0.4	33	814,595	5.8	8,330,806	0.6	66	79,881	0.6	793,995	0.6	757
Male, Disabled															
All Ages	418,261	19.0	4,468,244	0.5	44	227,446	10.3	2,519,704	0.6	70	61,903	2.8	634,723	0.6	762
5 and younger	20,179	15.6	214,073	0.4	33	6,694	5.2	70,991	0.4	40	286	0.2	3,160	0.9	8,827
6-14	27,941	7.2	320,758	0.4	42	145,849	37.6	1,619,369	0.6	68	623	0.2	7,135	0.9	21,893
15-20	24,991	8.7	283,515	0.4	38	53,809	18.7	603,602	0.6	73	523	0.2	5,902	0.8	18,738
21-44	107,786	17.3	1,155,902	0.5	42	15,229	2.4	163,992	0.6	75	5,079	0.8	51,633	0.5	2,481
45-64	233,775	30.5	2,455,851	0.5	47	5,838	0.8	61,494	0.6	90	54,476	7.1	557,485	0.6	108
65-74	3,335	26.5	35,258	0.5	47	27	0.2	256	0.8	64	853	6.8	8,727	0.6	77
75-84	226	12.6	2,577	0.6	49	0	0.0	0	0.0	0	54	3.0	573	0.6	76
85 and older	28	8.9	310	0.5	36	0	0.0	0	0.0	0	9	2.9	108	0.6	54
Male, Other Eligibles															

Nondual Medicaid Beneficiaries

TABLE ND.7C
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BASIS OF ELIGIBILITY, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, UNITED STATES, 2007

Beneficiary Characteristics	ULCER DRUGS					STIMULANTS/ANTI-OBESITY/ANOREXIANTS					MISC. HEMATOLOGICAL				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
All Ages	433,498	3.7	4,017,252	0.3	21	587,148	4.9	5,811,100	0.6	64	17,978	0.2	159,272	0.6	735
5 and younger	151,212	3.5	1,323,304	0.2	14	28,830	0.7	292,127	0.4	37	455	0.0	4,439	0.5	4,054
6-14	90,733	2.3	935,818	0.2	17	445,366	11.3	4,408,632	0.6	64	509	0.0	4,992	0.6	8,136
15-20	57,038	3.1	567,283	0.2	17	103,142	5.6	1,030,865	0.6	69	344	0.0	3,339	0.5	12,518
21-44	70,110	5.4	588,346	0.3	30	8,118	0.6	64,366	0.5	64	3,180	0.2	24,824	0.5	295
45-64	45,976	13.2	413,606	0.4	37	1,619	0.5	14,372	0.6	84	8,366	2.4	70,263	0.6	80
65-74	11,043	22.8	112,050	0.4	45	47	0.1	502	0.6	83	2,977	6.2	29,324	0.6	76
75-84	5,965	19.3	62,148	0.4	44	21	0.1	193	0.5	36	1,735	5.6	17,918	0.6	71
85 and older	1,421	12.0	14,697	0.5	46	5	0.0	43	0.3	16	412	3.5	4,173	0.6	66
Unknown	1,177	1.1	6,603	0.3	15	41	0.0	343	0.5	65	5	0.0	48	0.7	92

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

Nondual Medicaid Beneficiaries

TABLE ND.7D
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR NINTH AND TENTH TOP DRUG GROUPS
 SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, UNITED STATES, 2007

Beneficiary Characteristics	ANTIDIABETIC					ANALGESICS - Narcotic					Number of Beneficiaries	Number of Benefit Months
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month		
All	1,371,942	3.9	13,679,217	0.6	\$49	5,678,433	16.2	55,008,132	0.3	\$12	35,060,837	260,686,340
Female												
All Females	911,247	4.4	9,132,183	0.6	48	3,991,715	19.1	38,331,651	0.3	11	20,883,908	154,201,489
Female, Disabled												
All Ages	583,131	27.0	6,200,821	0.6	52	1,301,036	60.3	13,977,808	0.4	21	2,158,330	21,499,181
5 and younger	278	0.3	2,964	0.6	58	7,193	7.9	80,585	0.1	1	90,529	865,024
6-14	3,275	1.7	36,912	0.6	64	20,212	10.6	232,637	0.1	2	190,133	2,019,597
15-20	6,635	3.9	73,971	0.5	52	46,450	27.4	524,360	0.2	3	169,388	1,764,178
21-44	94,738	14.8	1,008,055	0.6	47	430,899	67.2	4,618,790	0.4	17	641,228	6,356,997
45-64	467,006	44.9	4,956,137	0.6	53	786,741	75.6	8,417,449	0.4	24	1,040,585	10,217,615
65-74	10,523	47.8	115,195	0.6	47	8,968	40.7	97,415	0.4	17	22,037	228,651
75-84	632	17.6	7,110	0.6	44	529	14.7	6,061	0.3	10	3,600	38,781
85 and older	44	5.3	477	0.6	46	44	5.3	511	0.4	6	830	8,338
Female, Other Eligibles												
All Ages	328,088	1.8	2,931,278	0.5	41	2,690,532	14.4	24,353,539	0.2	5	18,725,578	132,702,308
5 and younger	1,633	0.0	14,929	0.7	65	92,933	2.2	942,170	0.1	1	4,194,776	28,904,726
6-14	15,605	0.4	149,941	0.6	68	189,201	4.9	1,949,688	0.1	1	3,877,947	29,506,743
15-20	22,563	0.8	210,570	0.5	49	481,972	16.3	4,526,340	0.2	2	2,961,373	21,157,166
21-44	148,902	2.2	1,254,221	0.5	35	1,709,863	24.8	14,906,498	0.2	6	6,889,684	47,079,417
45-64	92,030	14.4	820,004	0.6	42	183,207	28.7	1,680,656	0.3	12	637,270	4,578,444
65-74	31,547	36.5	317,341	0.6	40	21,258	24.6	220,487	0.3	9	86,498	766,201
75-84	13,384	26.3	139,095	0.6	37	9,470	18.6	100,372	0.3	7	50,817	471,454
85 and older	2,424	8.9	25,177	0.6	33	2,628	9.7	27,328	0.3	10	27,213	238,157
Male												
All Males	460,598	3.3	4,546,576	0.6	51	1,685,995	12.0	16,673,094	0.3	15	14,068,679	105,990,497
Male, Disabled												
All Ages	312,913	14.2	3,258,395	0.6	51	786,977	35.7	8,287,970	0.4	23	2,207,086	21,694,541
5 and younger	370	0.3	3,893	0.6	70	11,411	8.8	127,781	0.1	1	129,271	1,230,498
6-14	3,873	1.0	43,230	0.7	67	34,821	9.0	400,170	0.1	2	387,629	4,095,759
15-20	5,749	2.0	63,917	0.6	66	53,007	18.4	599,462	0.2	3	288,334	3,006,667
21-44	56,653	9.1	592,966	0.6	49	245,782	39.5	2,575,915	0.4	20	621,906	6,065,333
45-64	242,174	31.6	2,511,429	0.6	51	438,046	57.2	4,544,122	0.5	31	765,275	7,150,664
65-74	3,874	30.8	40,484	0.6	46	3,752	29.9	38,763	0.4	18	12,566	123,447
75-84	200	11.2	2,243	0.6	35	144	8.0	1,611	0.3	7	1,792	19,007
85 and older	20	6.4	233	0.6	32	14	4.5	146	0.3	3	313	3,166
Male, Other Eligibles												

Nondual Medicaid Beneficiaries

TABLE ND.7D
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR NINTH AND TENTH TOP DRUG GROUPS
 SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, UNITED STATES, 2007

Beneficiary Characteristics	ANTIDIABETIC					ANALGESICS - Narcotic					Number of Beneficiaries	Number of Benefit Months
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month		
All Ages	147,656	1.2	1,288,068	0.6	50	898,861	7.6	8,384,769	0.2	6	11,861,593	84,295,956
5 and younger	2,059	0.0	18,743	0.6	65	127,748	2.9	1,292,895	0.1	1	4,368,820	30,161,168
6-14	12,198	0.3	117,337	0.7	74	195,633	5.0	2,015,341	0.1	1	3,927,966	29,958,734
15-20	11,833	0.6	109,760	0.7	81	217,499	11.9	2,129,421	0.1	2	1,828,569	13,381,739
21-44	40,715	3.1	320,582	0.5	46	260,087	20.0	2,078,063	0.3	15	1,297,640	7,673,941
45-64	59,832	17.2	509,283	0.6	45	83,400	24.0	720,968	0.4	19	347,572	2,313,383
65-74	13,767	28.5	137,659	0.6	40	9,248	19.1	93,639	0.3	9	48,373	418,007
75-84	6,181	20.0	63,702	0.5	36	4,264	13.8	44,461	0.2	6	30,853	283,547
85 and older	1,071	9.1	11,002	0.6	31	982	8.3	9,981	0.3	7	11,800	105,437
Unknown	154	0.1	655	0.7	59	1,027	0.9	4,046	0.4	4	108,250	494,354

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

Nondual Medicaid Beneficiaries

TABLE ND.8
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
BY BENEFICIARY CHARACTERISTIC^{a, b}
NONDUAL BENEFICIARIES, UNITED STATES, 2007

Beneficiary Characteristics	Rx \$ per Benefit Month	Number of Rx per Benefit Month	Number of All-Year Nursing Facility Residents	Benefit Months Among All-Year Nursing Facility Residents
All	\$553	7.2	76,819	817,381
Age				
0-64	651	8.3	57,552	615,379
65-74	457	6.5	6,817	73,609
75-84	200	3.4	5,752	60,626
85 and older	82	1.8	6,695	67,761
Unknown	0	0.0	3	6
Gender				
Female	559	7.5	39,520	423,228
Male	546	6.9	37,278	393,999
Unknown	99	1.5	21	154
Race				
White	558	7.8	39,921	419,124
African American	567	7.1	21,964	238,644
Other/unknown	517	6.1	14,934	159,613
Basis of Eligibility^c				
Aged	225	3.7	16,396	171,268
Disabled	639	8.2	59,596	640,323
Adults	812	3.8	524	3,239
Children	605	5.5	297	2,520
Unknown	1,117	12.6	6	31

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2007 Medicaid enrollment. A total of 87,171 beneficiaries who were in nursing facilities for part of their enrollment and their 820,566 benefit months were excluded from the analysis. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

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

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

Nondual Medicaid Beneficiaries

TABLE ND.9
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d, e}
NONDUAL BENEFICIARIES, UNITED STATES, 2007

Therapeutic Category	Number of Rx per Benefit Month Among Users			\$ per Benefit Month Among Users			\$ per Rx			Users		Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months	
	Total	Patented Brand-Name	Off-Patent Brand-Name	Total	Patented Brand-Name	Off-Patent Brand-Name	Total	Patented Brand-Name	Off-Patent Brand-Name	Patented Brand-Name	Off-Patent Brand-Name						
Anti-infective Agents	0.6	0.2	0.0	0.4	\$106	\$92	\$2	\$13	\$170	\$375	\$155	\$34	269,955	\$45,870,339	39,479	51.4	432,928
Biologicals	0.1	0.1	0.0	0.0	29	29	0	0	264	264	0	0	6,397	1,690,091	5,077	6.6	57,801
Antineoplastic Agents	0.5	0.1	0.0	0.5	101	61	2	38	184	667	989	84	20,414	3,762,609	3,546	4.6	37,239
Endocrine/Metabolic Drugs	1.4	0.6	0.0	0.8	79	63	3	13	57	110	67	17	451,555	25,640,660	29,591	38.5	322,805
Cardiovascular Agents	2.2	0.3	0.2	1.7	73	31	13	30	33	91	75	17	1,013,197	33,459,545	42,307	55.1	457,782
Respiratory Agents	1.0	0.4	0.1	0.6	62	46	4	11	62	123	83	19	298,824	18,446,724	27,449	35.7	298,736
Gastrointestinal Agents	1.2	0.4	0.0	0.7	80	58	6	16	68	138	145	22	471,455	32,183,103	37,207	48.4	404,430
Genitourinary Agents	0.7	0.3	0.0	0.3	46	33	2	12	66	94	71	36	108,516	7,206,982	13,949	18.2	155,186
CNS Drugs	2.2	0.9	0.0	1.2	240	208	4	28	111	226	98	23	1,242,032	138,342,035	52,638	68.5	577,038
Stimulants/Anti-obesity/Anorexia	0.8	0.3	0.0	0.5	75	67	0	8	90	198	40	16	8,588	769,864	941	1.2	10,270
Miscellaneous Psychological/ Neurological Agents	0.9	0.9	0.0	0.0	239	238	0	1	260	264	163	82	74,673	19,449,898	7,396	9.6	81,406
Analgesics and Anesthetics	1.3	0.0	0.1	1.2	49	7	16	25	37	156	194	21	460,844	17,042,074	32,475	42.3	347,875
Neuromuscular Agents	1.7	0.6	0.0	1.1	143	100	6	37	82	170	144	33	757,377	62,276,811	39,229	51.1	436,353
Nutritional Products	0.8	0.0	0.0	0.7	15	1	0	14	20	47	19	19	161,615	3,214,495	19,247	25.1	207,530
Hematological Agents	1.2	0.4	0.0	0.8	113	103	0	10	92	276	17	12	302,119	27,910,801	23,267	30.3	247,003
Topical Products	0.6	0.2	0.0	0.4	27	17	2	8	46	100	68	22	223,138	10,313,785	34,126	44.4	379,518
Miscellaneous Products	0.4	0.1	0.0	0.3	35	22	1	12	92	291	294	40	24,017	2,218,153	5,922	7.7	63,717
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	44	0	0	0	130	0	0	0	15,413	2,005,819	4,109	5.3	46,081
TOTAL NO. OF RX AND RX \$	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	5,910,129	451,803,788	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

a. Table ND.9 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 87,171 beneficiaries who were in nursing facilities for part of their enrollment and their 820,566 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2007. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

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

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

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

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

Top 10 Drug Groups in Nursing Facilities	Users			Among Users				
	Total Medicaid Rx \$	Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month	
ANTIPSYCHOTICS	\$110,928,585	45,759	59.6	521,007	1.0	\$217	\$213	
ANTICONVULSANT	54,039,684	44,966	58.5	506,943	1.1	96	107	
ANTIVIRAL	31,259,412	5,929	7.7	66,306	1.0	489	471	
ULCER DRUGS	24,309,721	37,167	48.4	409,752	0.7	81	59	
ANTIDIABETIC	20,983,902	34,727	45.2	384,306	0.9	58	55	
ANTIDEPRESSANTS	20,657,575	45,029	58.6	500,885	0.8	50	41	
MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL	19,391,952	9,421	12.3	104,111	0.7	254	186	
ANTIASTHMATIC	14,686,214	32,635	42.5	355,592	0.6	67	41	
ANALGESICS - Narcotic	14,133,942	37,503	48.8	402,769	0.9	38	35	
HEMATOPOIETIC AGENTS	13,021,980	15,632	20.3	170,615	0.7	111	76	
Total	323,412,967	308,768	n.a.	3,422,286	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

a. Table ND.10 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 87,171 beneficiaries who were in nursing facilities for part of their enrollment and their 820,566 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2007 Medicaid reimbursement for all-year nursing facility residents in this state.

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

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

Nondual Medicaid Beneficiaries

TABLE ND.10A
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED AND FIRST
 AND SECOND TOP DRUG GROUPS SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE ^{a, b, c, d}
 NONDUAL BENEFICIARIES, UNITED STATES, 2007

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIPSYCHOTICS				ANTICONVULSANT			
	Number of Rx	Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
All	2,995,359	\$323,412,967	45,759	59.6	521,007	1.0	\$213	44,966	58.5	506,943	1.1	\$107
Female												
All Females	1,595,292	168,653,946	23,694	60.0	270,638	1.0	214	22,864	57.9	258,335	1.1	105
Female, Disabled												
All Ages	1,394,173	151,072,699	20,603	72.1	236,042	1.0	221	20,607	72.1	233,234	1.1	109
64 or younger	1,338,737	145,100,153	19,551	72.7	224,307	1.0	221	19,831	73.8	224,655	1.1	110
65-74	49,737	5,426,782	933	69.1	10,429	1.0	229	705	52.2	7,791	1.0	95
75-84	5,166	523,220	115	44.4	1,258	0.8	177	66	25.5	728	1.0	65
85 and older	533	22,544	4	4.2	48	0.6	52	5	5.2	60	1.1	39
Female, Other Eligibles												
All Ages	201,119	17,581,247	3,091	28.3	34,596	0.9	168	2,257	20.6	25,101	1.0	72
64 or younger	6,249	1,190,968	60	13.0	532	0.7	163	99	21.4	944	1.0	129
65-74	103,329	9,792,280	1,630	62.3	18,701	0.9	215	1,299	49.6	14,763	1.1	82
75-84	53,767	4,179,546	800	24.6	8,886	0.8	127	569	17.5	6,208	0.9	56
85 and older	37,774	2,418,453	601	13.1	6,477	0.7	88	290	6.3	3,186	0.8	40
Male												
All Males	1,399,962	154,752,389	22,063	59.2	250,352	1.0	212	22,100	59.3	248,589	1.1	108
Male, Disabled												
All Ages	1,292,325	144,095,339	20,351	65.6	231,587	1.0	215	20,672	66.7	233,074	1.1	110
64 or younger	1,259,378	140,598,810	19,667	66.0	223,748	1.0	215	20,175	67.7	227,367	1.1	110
65-74	30,322	3,229,541	631	62.2	7,228	1.0	200	459	45.2	5,278	1.1	90
75-84	2,146	227,192	48	36.9	551	1.0	224	34	26.2	381	0.9	80
85 and older	479	39,796	5	11.6	60	1.5	217	4	9.3	48	0.7	11
Male, Other Eligibles												
All Ages	107,637	10,657,050	1,712	27.3	18,765	0.9	171	1,428	22.8	15,515	1.0	81
64 or younger	9,063	2,034,390	83	21.4	859	0.9	198	137	35.3	1,374	1.0	134
65-74	55,025	5,209,885	938	51.3	10,552	0.9	190	777	42.5	8,658	1.0	87
75-84	30,472	2,601,281	510	24.3	5,463	0.9	156	369	17.5	3,993	1.0	65
85 and older	13,077	811,494	181	9.3	1,891	0.7	97	145	7.4	1,490	0.8	36
Unknown	105	6,632	2	9.5	17	0.8	163	2	9.5	19	1.1	31

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

a. Table ND.10A includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 87,171 beneficiaries who were in nursing facilities for part of their enrollment and their 820,566 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2007 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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

TABLE ND.10B
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY
AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE^{a, b, c, d}
NONDUAL BENEFICIARIES, UNITED STATES, 2007

Beneficiary Characteristics	ANTIVIRAL					ULCER DRUGS					ANTIDIABETIC				
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
All	5,929	7.7	66,306	1.0	\$471	37,167	48.4	409,752	0.7	\$59	34,727	45.2	384,306	0.9	\$55
Female															
All Females	2,467	6.2	27,791	0.8	384	19,137	48.4	212,522	0.7	59	19,773	50.0	219,867	1.0	56
Female, Disabled															
All Ages	2,242	7.8	25,305	0.9	396	16,134	56.4	179,390	0.7	59	16,568	58.0	184,388	1.0	57
64 or younger	2,203	8.2	24,885	0.9	398	15,416	57.3	171,716	0.7	59	15,653	58.2	174,550	1.0	58
65-74	33	2.4	358	0.5	250	632	46.8	6,740	0.7	63	820	60.7	8,793	0.9	52
75-84	6	2.3	62	0.7	261	78	30.1	838	0.7	55	87	33.6	949	0.8	43
85 and older	0	0.0	0	0.0	0	8	8.3	96	0.5	51	8	8.3	96	0.8	52
Female, Other Eligibles															
All Ages	225	2.1	2,486	0.5	263	3,003	27.5	33,132	0.7	57	3,205	29.3	35,479	0.9	47
64 or younger	84	18.2	910	1.1	650	97	21.0	929	0.8	80	55	11.9	500	0.9	66
65-74	54	2.1	621	0.3	85	1,288	49.2	14,412	0.8	62	1,696	64.8	19,059	0.9	52
75-84	39	1.2	443	0.1	11	874	26.9	9,691	0.7	57	943	29.0	10,424	0.9	45
85 and older	48	1.0	512	0.1	11	744	16.2	8,100	0.7	45	511	11.1	5,496	0.8	36
Male															
All Males	3,462	9.3	38,515	1.1	535	18,027	48.4	197,203	0.7	60	14,953	40.1	164,435	0.9	53
Male, Disabled															
All Ages	3,237	10.4	36,056	1.1	532	16,357	52.8	179,253	0.7	61	13,378	43.1	147,361	0.9	54
64 or younger	3,212	10.8	35,789	1.1	532	15,892	53.3	174,300	0.7	61	12,923	43.3	142,462	0.9	54
65-74	24	2.4	259	1.0	515	426	42.0	4,508	0.7	58	423	41.7	4,538	0.8	44
75-84	1	0.8	8	0.3	2	31	23.8	355	0.7	49	26	20.0	289	0.8	39
85 and older	0	0.0	0	0.0	0	8	18.6	90	0.4	39	6	14.0	72	0.9	61
Male, Other Eligibles															
All Ages	225	3.6	2,459	0.9	574	1,670	26.6	17,950	0.7	56	1,575	25.1	17,074	0.8	44
64 or younger	154	39.7	1,684	1.2	751	135	34.8	1,392	0.7	61	55	14.2	470	0.9	45
65-74	44	2.4	498	0.5	250	737	40.3	8,117	0.7	60	860	47.0	9,528	0.9	49
75-84	19	0.9	220	0.3	93	522	24.8	5,572	0.7	54	469	22.3	5,097	0.8	40
85 and older	8	0.4	57	0.2	21	276	14.1	2,869	0.7	45	191	9.8	1,979	0.7	28
Unknown	0	0.0	0	0.0	0	3	14.3	27	0.4	55	1	4.8	4	1.3	40

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

a. Table ND.10B includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 87,171 beneficiaries who were in nursing facilities for part of their enrollment and their 820,566 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2007 Medicaid reimbursement for all-year nursing facility residents in this state.

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

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

Nondual Medicaid Beneficiaries

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

Beneficiary Characteristics	ANTIDEPRESSANTS					MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL					ANTIASTHMATIC				
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
All	45,029	58.6	500,885	0.8	\$41	9,421	12.3	104,111	0.7	\$186	32,635	42.5	355,592	0.6	\$41
Female															
All Females	24,995	63.2	278,976	0.8	44	5,236	13.2	58,299	0.8	227	17,684	44.7	194,061	0.6	42
Female, Disabled															
All Ages	21,535	75.3	241,019	0.9	45	3,665	12.8	41,033	0.7	278	15,077	52.7	165,605	0.6	43
64 or younger	20,765	77.2	232,655	0.9	45	3,440	12.8	38,542	0.7	285	14,359	53.4	158,228	0.6	43
65-74	693	51.3	7,504	0.8	42	185	13.7	2,052	0.8	165	644	47.7	6,622	0.6	38
75-84	70	27.0	776	0.8	43	36	13.9	391	0.7	111	68	26.3	683	0.6	50
85 and older	7	7.3	84	0.7	19	4	4.2	48	0.6	83	6	6.3	72	0.7	8
Female, Other Eligibles															
All Ages	3,460	31.7	37,957	0.8	34	1,571	14.4	17,266	0.8	106	2,607	23.8	28,456	0.5	35
64 or younger	108	23.4	894	0.6	33	16	3.5	171	0.2	24	157	34.0	1,551	1.0	77
65-74	1,604	61.3	18,041	0.8	38	498	19.0	5,684	0.8	123	1,200	45.8	13,203	0.5	39
75-84	916	28.2	10,171	0.8	33	532	16.4	5,911	0.8	108	661	20.3	7,252	0.5	29
85 and older	832	18.1	8,851	0.7	25	525	11.4	5,500	0.8	90	589	12.8	6,450	0.4	22
Male															
All Males	20,031	53.7	221,877	0.8	39	4,183	11.2	45,802	0.7	135	14,950	40.1	161,519	0.6	41
Male, Disabled															
All Ages	18,359	59.2	203,669	0.8	39	3,313	10.7	36,653	0.7	141	13,393	43.2	144,856	0.6	41
64 or younger	17,948	60.2	199,257	0.8	39	3,170	10.6	35,030	0.7	142	12,930	43.4	140,080	0.6	42
65-74	378	37.2	4,032	0.8	40	122	12.0	1,383	0.8	124	420	41.4	4,305	0.5	31
75-84	26	20.0	296	0.8	40	12	9.2	132	0.6	90	32	24.6	351	0.6	53
85 and older	7	16.3	84	0.7	37	9	20.9	108	0.8	125	11	25.6	120	0.3	11
Male, Other Eligibles															
All Ages	1,672	26.6	18,208	0.8	32	870	13.9	9,149	0.8	110	1,557	24.8	16,663	0.6	41
64 or younger	81	20.9	790	0.6	29	20	5.2	193	0.5	156	193	49.7	2,024	1.1	93
65-74	843	46.1	9,467	0.8	36	330	18.0	3,672	0.8	112	654	35.7	7,049	0.6	34
75-84	520	24.7	5,621	0.8	30	327	15.5	3,390	0.8	112	476	22.6	5,149	0.5	33
85 and older	228	11.7	2,330	0.7	24	193	9.9	1,894	0.7	97	234	12.0	2,441	0.5	31
Unknown	3	14.3	32	0.1	2	2	9.5	10	0.2	24	1	4.8	12	0.3	32

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

a. Table ND.10C includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 87,171 beneficiaries who were in nursing facilities for part of their enrollment and their 820,566 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2007 Medicaid reimbursement for all-year nursing facility residents in this state.

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

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

Nondual Medicaid Beneficiaries

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

Beneficiary Characteristics	ANALGESICS - Narcotic					HEMATOPOIETIC AGENTS					Benefit Months Among All-Year Nursing Facility Residents	
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$		
All	37,503	48.8	402,769	0.9	\$35	15,632	20.3	170,615	0.7	\$76	76,819	817,381
Female												
All Females	20,403	51.6	221,926	0.9	34	7,977	20.2	87,964	0.7	81	39,520	423,228
Female, Disabled												
All Ages	17,762	62.1	193,598	0.9	36	5,994	21.0	66,091	0.7	92	28,588	310,457
64 or younger	17,160	63.8	187,242	0.9	36	5,711	21.2	63,033	0.7	92	26,882	292,156
65-74	544	40.3	5,727	0.9	29	227	16.8	2,422	0.6	105	1,351	14,466
75-84	54	20.8	581	0.7	30	42	16.2	477	0.6	45	259	2,815
85 and older	4	4.2	48	1.9	13	14	14.6	159	0.5	6	96	1,020
Female, Other Eligibles												
All Ages	2,641	24.2	28,328	0.7	22	1,983	18.1	21,873	0.6	48	10,932	112,771
64 or younger	94	20.3	738	0.5	42	38	8.2	322	0.5	311	462	2,718
65-74	1,176	44.9	13,010	0.8	24	583	22.3	6,576	0.7	66	2,618	28,759
75-84	731	22.5	7,903	0.6	18	667	20.5	7,439	0.6	47	3,253	34,449
85 and older	640	13.9	6,677	0.5	19	695	15.1	7,536	0.6	22	4,599	46,845
Male												
All Males	17,094	45.9	180,790	0.9	36	7,654	20.5	82,639	0.7	71	37,278	393,999
Male, Disabled												
All Ages	15,834	51.1	167,898	1.0	38	6,421	20.7	69,310	0.7	77	31,004	329,830
64 or younger	15,515	52.0	164,621	1.0	38	6,176	20.7	66,613	0.7	78	29,816	317,180
65-74	303	29.9	3,105	0.8	21	215	21.2	2,361	0.7	81	1,015	10,774
75-84	13	10.0	142	0.4	6	24	18.5	264	0.6	7	130	1,424
85 and older	3	7.0	30	0.7	5	6	14.0	72	0.7	6	43	452
Male, Other Eligibles												
All Ages	1,260	20.1	12,892	0.6	17	1,233	19.7	13,329	0.6	41	6,274	64,169
64 or younger	95	24.5	844	0.4	30	36	9.3	370	0.5	114	388	3,289
65-74	614	33.6	6,482	0.7	18	390	21.3	4,278	0.7	62	1,830	19,589
75-84	365	17.4	3,772	0.5	14	440	20.9	4,828	0.6	38	2,103	21,868
85 and older	186	9.5	1,794	0.5	11	367	18.8	3,853	0.6	14	1,953	19,423
Unknown	6	28.6	53	0.7	17	1	4.8	12	0.6	4	21	154

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

a. Table ND.10D includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 87,171 beneficiaries who were in nursing facilities for part of their enrollment and their 820,566 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2007 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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

TABLE ND.11
USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D
AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC^{a,b}
UNITED STATES, 2007

Beneficiary Characteristics	Number of Beneficiaries with at Least One Part D Excluded Rx	Percentage of Beneficiaries with at Least One Part D Excluded Rx	Number of Part D Excluded Rx per Beneficiary	Total Number Part D Excluded Rx	Part D Excluded Rx \$ per Beneficiary	Total Part D Excluded Rx \$	\$ per Part D Excluded Rx	Part D Excluded Rx \$ as a Percentage of All Nondual Rx \$	Total Number of Beneficiaries
All	7,223,159	20.6	0.8	29,282,970	\$12	\$416,906,185	\$14	2.2	35,060,837
Age									
5 and younger	2,120,028	24.1	0.7	6,121,948	8	74,117,467	12	4.3	8,794,644
6-14	1,481,998	17.7	0.4	3,684,165	7	62,463,948	17	2.1	8,384,239
15-20	735,761	14.0	0.4	1,870,860	6	33,451,382	18	1.7	5,247,878
21-44	1,596,405	16.9	0.7	6,748,895	10	97,227,072	14	1.9	9,450,549
45-64	1,167,472	41.8	3.5	9,882,988	50	138,528,067	14	2.0	2,790,776
65-74	72,568	42.8	3.5	585,707	40	6,785,158	12	2.4	169,540
75-84	33,601	38.6	3.1	268,965	35	3,050,020	11	3.0	87,109
85 and older	11,953	29.8	2.8	112,255	31	1,246,450	11	5.3	40,176
Unknown	3,373	3.5	0.1	7,187	0	36,621	5	3.0	95,926
Basis of Eligibility^c									
Aged	98,032	38.4	3.0	776,327	34	8,738,483	11	2.7	255,214
Disabled	1,757,998	40.3	3.2	14,058,178	54	236,820,555	17	2.0	4,365,550
Adults	1,450,877	14.4	0.4	4,451,986	5	54,008,647	12	2.0	10,079,119
Children	3,905,716	19.2	0.5	9,949,436	6	116,725,708	12	2.7	20,323,663
Unknown	10,536	28.3	1.3	47,043	16	612,792	13	1.0	37,291
Gender									
Female	4,340,520	20.8	0.9	18,125,208	12	248,832,927	14	2.4	20,893,055
Male	2,878,540	20.4	0.8	11,149,159	12	168,009,306	15	1.9	14,078,375
Unknown	4,099	4.6	0.1	8,603	1	63,952	7	2.6	89,407
Race									
White	2,856,772	19.9	0.9	13,314,129	14	194,602,750	15	2.0	14,320,518
African American	1,458,473	17.8	0.6	5,185,126	9	71,760,409	14	1.7	8,193,647
Other/unknown	2,907,914	23.2	0.9	10,783,715	12	150,543,026	14	2.8	12,546,672
Use of Nursing Facilities^d									
Entire year	47,246	61.5	10.7	824,254	136	10,467,083	13	2.3	76,819
Part year	61,292	70.3	7.6	661,056	119	10,409,946	16	2.6	87,171
None	7,114,621	20.4	0.8	27,797,660	11	396,029,156	14	2.2	34,896,847
Maintenance Assistance Status									
Cash	2,965,242	26.8	1.5	16,404,018	23	255,752,580	16	2.1	11,044,522
Medically needy	431,863	26.8	1.1	1,820,366	14	22,262,160	12	2.3	1,610,638
Poverty related	2,499,749	19.0	0.5	6,435,785	6	74,318,531	12	2.6	13,176,737
Other/unknown	1,326,305	14.4	0.5	4,622,801	7	64,572,914	14	2.0	9,228,940

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

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

b. The statute establishing the Medicare Part D prescription program that started in 2007 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 2007 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care 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 = Centers for Medicare & Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.12
 USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D
 AMONG NONDUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 UNITED STATES, 2007

Beneficiary Characteristics	Number Rx per Benefit Month	Rx \$ per Benefit Month	\$ per Rx	Barbiturate \$ per Benefit Month	Benzodiazepine \$ per Benefit Month	Number of Benefit Months
All	0.1	\$2	\$14	\$0	\$0	260,686,340
Age						
5 and younger	0.1	1	12	0	0	61,220,787
6-14	0.1	1	17	0	0	65,584,690
15-20	0.0	1	18	0	0	39,311,007
21-44	0.1	1	14	0	0	67,176,259
45-64	0.4	6	14	0	2	24,260,588
65-74	0.4	4	12	0	1	1,536,665
75-84	0.3	4	11	0	1	813,038
85 and older	0.3	4	11	0	1	355,218
Unknown	0.0	0	5	0	0	428,088
Basis of Eligibility^c						
Aged	0.3	4	11	0	1	2,283,572
Disabled	0.3	5	17	0	2	43,194,629
Adults	0.1	1	12	0	0	67,717,077
Children	0.1	1	12	0	0	147,197,130
Unknown	0.2	2	13	0	1	293,932
Gender						
Female	0.1	2	14	0	0	154,235,428
Male	0.1	2	15	0	0	106,026,272
Unknown	0.0	0	7	0	0	424,640
Race						
White	0.1	2	15	0	1	109,315,715
African American	0.1	1	14	0	0	62,396,174
Other/unknown	0.1	2	14	0	0	88,974,451
Use of Nursing Facilities^d						
Entire year	1.0	13	13	0	4	817,381
Part year	0.8	13	16	0	3	820,566
None	0.1	2	14	0	0	259,048,393
Maintenance Assistance Status						
Cash	0.2	3	16	0	1	85,311,238
Medically needy	0.2	2	12	0	0	11,809,162
Poverty related	0.1	1	12	0	0	97,323,121
Other/unknown	0.1	1	14	0	0	66,242,819

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

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

b. The statute establishing the Medicare Part D prescription program that started in 2007 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 2007 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

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

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

TABLE ND.13
 USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D FOR SELECTED DRUG CATEGORIES AMONG NONDUALS^{a,b,c}
 UNITED STATES, 2007
 Drug category

All	8,844,820	\$47	\$416,906,185	100.0	29,282,970	\$14	100.0	
Anorexia or weight loss/gain	776	98	76,172	0.0	2,188	35	0.0	
Fertility drugs	292	101	29,542	0.0	533	55	0.0	
Drugs for cosmetic purposes	8,296	16	131,125	0.0	12,240	11	0.0	
Cough and cold medications	1,856,957	35	64,145,595	15.4	3,085,426	21	10.5	
Vitamins and minerals	643,573	58	37,324,940	9.0	2,147,202	17	7.3	
Non-prescription drugs	4,923,045	40	199,199,206	47.8	16,521,499	12	56.4	
Barbiturates	55,378	65	3,589,771	0.9	446,908	8	1.5	
Benzodiazepines	1,162,321	73	84,647,078	20.3	6,541,995	13	22.3	
Other Part D Excl Rx Drugs	194,182	143	27,762,756	6.7	524,979	53	1.8	

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

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

b. Includes OTC drugs as well as prescription drugs.

c. The statute establishing the Medicare Part D prescription program that started in 2007 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 2007 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

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

Nondual Medicaid Beneficiaries

NATIONAL COMPARISON TABLE N.2
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, ALL STATES COMBINED AND BY STATE
 NONDUAL BENEFICIARIES, 2007^{a,b}

	Number of Beneficiaries	Number of Benefit Months	Percentage of Beneficiaries with One or More Rx	Number of Rx Paid per Benefit Month	Rx \$ per Benefit Month	Patented Brand-Name ^c	Off-Patent Brand-Name	Generic	Rx \$ as a Percentage of Total Medicaid \$ ^d	Number of Rx per Benefit Month	Rx \$ per Benefit Month
All States	35,060,837	260,686,340	52.9	0.9	\$74	33.2	4.6	61.9	15.3	7.2	\$553
Alabama	703,122	6,532,248	63.9	0.9	61	26.3	4.1	69.4	20.2	7.3	486
Alaska	112,318	995,206	53.5	0.9	71	34.6	7.1	58.1	10.2	8.3	764
Arizona	170,654	1,216,114	3.3	0.0	3	19.0	1.2	79.6	0.3	0.0	3
Arkansas	645,632	6,331,559	62.5	0.6	47	33.9	4.8	61.3	15.6	7.2	513
California	5,659,583	38,341,647	31.5	0.5	55	35.2	8.7	55.8	16.8	7.2	633
Colorado	445,651	3,625,312	46.0	0.7	57	30.6	3.5	65.7	14.1	6.6	557
Connecticut	363,755	935,315	13.7	1.8	181	36.9	4.3	58.6	10.4	8.1	779
Delaware	106,734	1,026,518	94.0	1.3	95	34.9	4.8	60.2	86.8	7.8	561
D.C.	53,553	370,807	42.7	1.7	184	38.4	2.8	58.7	10.0	4.9	384
Florida	1,659,860	10,932,191	49.0	1.0	83	33.8	4.2	61.8	14.8	9.1	570
Georgia	828,078	3,687,940	40.4	1.4	105	31.4	4.2	64.2	11.9	6.1	380
Hawaii	70,910	265,398	25.3	2.6	265	29.8	2.7	67.3	19.0	6.9	578
Idaho	197,686	1,822,956	58.4	0.8	53	32.8	3.8	63.2	12.4	10.3	780
Illinois	2,076,456	19,923,198	61.8	0.7	47	29.1	2.6	68.0	15.8	7.6	574
Indiana	473,726	1,956,512	37.5	1.6	135	31.8	4.6	63.5	13.3	9.8	610
Iowa	401,599	3,562,630	57.4	0.8	59	32.5	10.8	56.5	15.5	7.7	565
Kansas	215,889	1,123,993	42.7	1.3	114	38.2	3.1	58.6	11.5	9.3	653
Kentucky	554,018	5,206,119	76.3	1.5	90	29.4	2.7	67.6	19.1	9.0	519
Louisiana	970,154	9,916,228	71.1	0.9	68	35.9	5.5	58.4	22.0	8.1	700
Maine											
Maryland	267,572	1,117,263	24.0	0.8	79	37.1	2.7	60.1	5.1	8.2	568
Massachusetts	632,609	6,193,488	48.7	0.9	62	27.3	2.3	70.2	11.7	5.2	345
Michigan	1,486,677	13,864,497	30.1	0.3	27	37.7	2.0	60.2	8.5	7.7	445
Minnesota	431,654	1,965,602	36.7	1.2	105	34.0	3.1	62.7	8.1	9.3	661
Mississippi	585,679	5,461,865	65.6	0.7	50	28.4	4.5	67.0	14.8	6.9	506
Missouri	545,473	4,239,199	61.2	1.6	120	29.2	4.1	66.5	21.9	9.5	729
Montana	80,002	707,132	55.6	0.8	74	31.3	4.5	64.0	14.3	6.5	563
Nebraska	193,358	1,236,948	81.2	1.5	110	32.3	4.3	63.3	24.8	9.7	657
Nevada	151,329	764,115	37.0	1.2	101	28.9	3.2	67.7	11.5	9.9	603
New Hampshire	116,255	1,069,893	62.8	0.9	61	30.9	3.5	65.5	13.8	7.1	455
New Jersey	357,115	1,946,440	37.8	1.9	215	38.8	5.3	55.7	16.3	8.2	679
New Mexico	229,000	1,244,499	22.0	0.2	10	21.6	6.2	71.9	2.0	6.4	409
New York	2,948,946	23,984,031	70.4	1.2	123	39.7	3.3	56.6	18.3	1.7	363
North Carolina	1,363,246	12,641,622	67.2	0.9	72	34.9	4.9	60.1	15.3	7.9	553
North Dakota	57,938	479,884	62.1	0.9	59	30.2	3.9	65.8	12.3	7.8	437
Ohio	1,032,413	4,012,467	42.6	1.6	131	35.4	5.3	58.9	9.4	11.2	746
Oklahoma	669,018	6,239,030	62.8	0.7	48	31.1	2.9	65.8	14.0	9.0	599

Nondual Medicaid Beneficiaries

NATIONAL COMPARISON TABLE N.2
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, ALL STATES COMBINED AND BY STATE
 NONDUAL BENEFICIARIES, 2007^{a,b}

	Number of Beneficiaries	Number of Benefit Months	Percentage of Beneficiaries with One or More Rx	Number of Rx Paid per Benefit Month	Rx \$ per Benefit Month	Patented Brand-Name ^c	Off-Patent Brand-Name	Generic	Rx \$ as a Percentage of Total Medicaid \$ ^d	Number of Rx per Benefit Month	Rx \$ per Benefit Month
Oregon	175,996	820,909	35.9	1.0	76	28.8	2.3	68.7	9.9	7.4	506
Pennsylvania	687,238	4,235,601	44.1	1.1	76	31.5	4.3	64.0	11.9	8.0	459
Rhode Island	63,836	380,882	41.5	1.9	156	34.7	4.0	61.1	11.2	5.2	442
South Carolina	701,513	6,148,596	61.5	0.8	56	34.5	4.7	60.5	16.5	6.7	438
South Dakota	111,242	1,026,236	56.7	0.6	46	33.4	3.6	62.8	11.8	8.1	537
Tennessee	1,152,424	9,485,191	69.8	1.1	66	26.2	3.1	70.7	16.5	10.9	645
Texas	3,322,461	22,092,729	72.9	1.0	79	34.5	6.9	58.4	19.4	8.0	635
Utah	215,878	1,446,300	64.1	1.1	82	29.3	2.8	67.9	16.6	11.6	826
Vermont	124,120	1,173,723	67.8	1.1	75	33.1	4.2	62.6	16.6	8.5	571
Virginia	406,089	2,194,692	43.9	1.1	88	30.6	4.6	64.7	10.6	8.5	589
Washington	591,035	3,528,365	41.6	1.3	94	28.8	2.5	68.5	14.9	9.0	552
West Virginia	293,311	2,191,756	83.0	2.3	155	32.0	5.0	62.8	28.9	9.5	569
Wisconsin	537,949	3,303,350	44.2	0.9	70	34.3	3.0	62.5	12.4	8.5	547
Wyoming	66,847	592,063	62.6	0.7	52	31.9	3.4	64.6	11.2	6.3	481

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

a. Table N.2, except for the last two columns, includes beneficiaries represented by Cell K of Table 1 in the national table set and the table set for each state. The last two columns include beneficiaries represented by Cell L 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 states.

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

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

e. All-year nursing facility residents are beneficiaries who resided in nursing facilities throughout their Medicaid enrollment in 2007. Part-year residents were excluded from the analysis. See footnote f of Table 1 for more information about how we determined all-year nursing facility residents.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; D.C. = District of Columbia; MAX = Medicaid Analytic Extract; NF = nursing facility.

Nondual Medicaid Beneficiaries

NATIONAL COMPARISON TABLE N.3
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT BY BASIS OF ELIGIBILITY, ALL STATES COMBINED AND BY STATE
NONDUAL BENEFICIARIES, 2007^{a,b,c}

	Share of Benefit Months (percent)					Rx \$ per Benefit Month (dollars)					Share of Total Medicaid Rx \$ (percent)				
	All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children
All States	100	0.9	16.6	26.0	56.5	\$74	\$141	\$275	\$40	\$29	100	1.7	61.7	14.0	22.4
Alabama	100	0.1	18.9	17.3	63.7	61	40	204	21	29	100	0.1	63.7	6.1	30.0
Alaska	100	0.8	9.4	19.6	70.1	71	219	419	67	24	100	2.5	55.0	18.5	23.7
Arizona	100	0.7	21.5	37.7	40.1	3	1	8	1	1	100	0.2	69.5	15.4	14.8
Arkansas	100	0.3	12.1	18.1	69.4	47	69	202	18	27	100	0.5	52.5	6.8	40.0
California	100	1.9	13.3	56.1	28.6	55	140	307	12	16	100	4.8	74.0	12.1	8.6
Colorado	100	1.0	13.1	16.5	69.4	57	113	253	41	24	100	2.0	57.6	11.7	28.5
Connecticut	100	3.8	33.1	19.8	43.0	181	224	477	32	17	100	4.7	87.5	3.5	4.0
Delaware	100	0.2	11.1	41.4	47.3	95	225	304	105	36	100	0.4	35.6	45.9	18.0
D.C.	100	2.8	62.3	8.4	26.5	184	118	268	70	27	100	1.8	91.0	3.2	4.0
Florida	100	0.9	16.9	19.9	62.3	83	202	331	37	29	100	2.2	67.2	8.9	21.6
Georgia	100	0.8	42.9	12.4	43.7	105	86	209	23	27	100	0.7	85.4	2.7	11.2
Hawaii	100	2.4	54.7	23.3	19.4	265	134	460	24	14	100	1.2	95.2	2.1	1.0
Idaho	100	0.2	12.4	10.7	76.7	53	209	272	58	17	100	0.8	63.2	11.6	24.4
Illinois	100	0.7	9.4	20.8	69.1	47	99	243	42	22	100	1.4	48.3	18.6	31.4
Indiana	100	1.2	32.6	15.9	50.1	135	153	346	20	34	100	1.4	83.4	2.3	12.7
Iowa	100	0.2	10.7	29.4	59.7	59	82	289	35	30	100	0.3	52.2	17.3	30.0
Kansas	100	1.6	31.9	11.3	55.0	114	162	263	26	44	100	2.3	73.6	2.6	21.2
Kentucky	100	0.2	24.1	15.6	60.0	90	57	241	68	36	100	0.1	64.3	11.7	23.7
Louisiana	100	0.3	13.8	13.6	72.2	68	188	243	50	37	100	0.7	49.4	10.0	39.3
Maine															
Maryland	100	4.3	15.4	51.1	28.8	79	149	310	13	61	100	8.1	60.5	8.1	22.2
Massachusetts	100	1.8	21.1	27.0	50.1	62	71	213	29	16	100	2.1	72.3	12.6	13.0
Michigan	100	0.2	13.8	22.1	63.8	27	16	120	17	11	100	0.1	60.2	13.9	25.4
Minnesota	100	0.2	30.3	26.2	43.0	105	86	277	34	26	100	0.2	80.3	8.6	10.7
Mississippi	100	0.2	18.2	20.8	60.7	50	56	158	22	27	100	0.2	58.0	9.2	32.5
Missouri	100	1.0	23.4	18.8	56.6	120	254	363	44	40	100	2.1	71.1	7.0	19.0
Montana	100	0.1	16.6	7.9	75.2	74	44	296	65	25	100	0.1	66.9	7.0	25.2
Nebraska	100	1.0	11.1	13.3	74.4	110	283	394	115	64	100	2.5	39.8	13.9	43.5
Nevada	100	0.3	28.9	16.5	54.0	101	161	280	35	25	100	0.5	80.2	5.7	13.1
New Hampshire	100	0.8	8.5	13.3	77.4	61	212	306	73	31	100	2.8	42.1	15.7	39.3
New Jersey	100	4.8	53.9	9.3	31.8	215	164	359	30	33	100	3.7	90.0	1.3	4.8
New Mexico	100	0.3	6.9	37.2	55.3	10	41	75	6	3	100	1.2	52.8	23.6	18.2
New York	100	1.1	17.3	29.6	52.0	123	161	389	124	33	100	1.4	54.8	29.9	13.8
North Carolina	100	0.2	13.6	18.3	68.0	72	62	280	66	32	100	0.2	52.8	16.9	30.1
North Dakota	100	0.2	10.1	23.8	65.9	59	114	285	54	26	100	0.3	49.1	21.9	28.7
Ohio	100	2.4	34.2	17.2	46.1	131	238	297	35	37	100	4.4	77.7	4.6	13.2

Nondual Medicaid Beneficiaries

NATIONAL COMPARISON TABLE N.3
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT BY BASIS OF ELIGIBILITY, ALL STATES COMBINED AND BY STATE
NONDUAL BENEFICIARIES, 2007^a,^b,^c

	Share of Benefit Months (percent)						Rx \$ per Benefit Month (dollars)					Share of Total Medicaid Rx \$ (percent)				
	All	Aged	Disabled	Adults	Children		All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children
Oklahoma	100	0.3	9.8	13.7	75.6	48	151	245	32	25	100	0.8	50.2	9.3	38.9	
Oregon	100	0.4	17.3	18.1	63.8	76	93	297	59	20	100	0.5	67.8	14.1	16.6	
Pennsylvania	100	1.2	24.0	20.0	54.5	76	85	213	49	23	100	1.3	67.1	12.9	16.7	
Rhode Island	100	2.9	57.8	12.5	25.7	156	127	252	16	12	100	2.3	93.6	1.3	1.9	
South Carolina	100	0.2	13.0	26.2	60.4	56	72	214	37	30	100	0.3	49.4	17.2	32.7	
South Dakota	100	0.1	9.2	15.3	75.3	46	484	223	47	23	100	1.3	44.7	15.6	38.1	
Tennessee	100	0.1	17.0	22.1	60.5	66	96	186	61	34	100	0.2	47.9	20.5	30.9	
Texas	100	0.3	14.5	11.3	73.9	79	144	268	49	45	100	0.5	49.6	7.0	42.8	
Utah	100	0.1	10.9	21.5	67.4	82	79	431	68	30	100	0.1	57.1	17.9	24.3	
Vermont	100	0.2	9.2	36.1	54.5	75	105	284	91	29	100	0.3	34.7	44.0	20.8	
Virginia	100	0.7	17.1	14.9	67.0	88	189	312	51	38	100	1.4	60.5	8.5	29.0	
Washington	100	2.0	29.5	34.4	33.9	94	177	268	12	19	100	3.9	84.6	4.4	6.8	
West Virginia	100	0.2	34.7	11.3	53.6	155	116	304	165	56	100	0.2	67.9	12.0	19.5	
Wisconsin	100	0.6	25.7	36.6	37.0	70	81	186	32	25	100	0.7	68.6	16.9	13.5	
Wyoming	100	0.1	9.3	13.3	77.0	52	82	258	56	27	100	0.1	45.7	14.3	39.2	

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

a. Table N.3 includes beneficiaries represented by Cell K of Table 1 in the national table set and the table set for each state. 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 states.

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. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.

Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; D.C. = District of Columbia; MAX = Medicaid Analytic Extract.

Nondual Medicaid Beneficiaries

NATIONAL COMPARISON TABLE N.4
 TOP 10 DRUG GROUPS RANKED BY TOTAL MEDICAID PHARMACY REIMBURSEMENT, ALL STATES COMBINED AND BY STATE
 NONDUAL BENEFICIARIES, 2007^{a,b,c}

	PSYCHOTICS	ANTI- CONVULSANT	ANTI- ASTHMATIC	ANTI- VIRAL	ANTI- DEPRESSANTS	ANTI- DRUGS	ULCER OBESITY	STIMULANTS ANOREX	ANTI- HEMATOLOGICAL	MISC. DIABETIC	ANTI- Narcotic	ANALGESICS Narcotic
All States		1	2	3	4	5	6	7	8	9	10	
Alabama		1	3	2	10	8	5	4	6	9	.	
Alaska		1	2	5	10	3	4	9	8	.	6	
Arizona		2	.	8	4	.	.	.	1	.	.	
Arkansas		1	2	3	.	6	5	4	7	.	.	
California		1	2	7	3	6	4	.	8	.	10	
Colorado		1	2	3	.	5	10	8	.	9	6	
Connecticut		1	3	8	2	5	4	.	.	7	6	
Delaware		1	4	3	2	6	7	8	.	9	5	
D.C.		2	3	4	1	7	.	.	.	5	8	
Florida		1	4	3	2	9	6	8	5	.	.	
Georgia		1	2	4	3	9	7	6	5	8	10	
Hawaii		1	2	4	5	6	.	.	9	7	3	
Idaho		1	2	4	.	3	6	5	.	7	8	
Illinois		1	3	2	4	6	.	5	8	7	.	
Indiana		1	2	5	10	4	9	7	3	8	6	
Iowa		1	4	3	.	5	7	2	6	9	10	
Kansas		1	2	4	.	5	6	3	9	8	7	
Kentucky		1	3	2	.	7	10	4	.	6	9	
Louisiana		2	5	1	10	8	6	4	9	.	.	
Maine		
Maryland		1	4	7	2	.	6	.	3	.	.	
Massachusetts		1	2	4	3	5	10	6	8	9	7	
Michigan		1	2	7	6	4	9	3	5	10	.	
Minnesota		1	2	5	9	3	4	6	7	8	10	
Mississippi		1	3	2	6	.	8	5	4	9	.	
Missouri		1	2	3	7	4	.	10	8	6	5	
Montana		1	2	3	.	5	9	4	7	8	6	
Nebraska		1	2	3	.	6	.	4	5	8	10	
Nevada		1	2	4	5	8	.	10	7	9	3	
New Hampshire		1	2	4	8	6	7	3	.	10	5	
New Jersey		1	3	4	2	7	10	.	.	6	5	
New Mexico		2	5	4	.	6	10	.	7	3	.	
New York		2	4	3	1	6	8	.	.	7	10	
North Carolina		1	3	2	6	7	5	4	8	.	9	
North Dakota		1	2	4	.	5	8	3	.	6	7	
Ohio		1	2	4	.	6	3	5	9	7	8	
Oklahoma		1	3	2	10	8	7	5	4	9	6	

Nondual Medicaid Beneficiaries

NATIONAL COMPARISON TABLE N.4
TOP 10 DRUG GROUPS RANKED BY TOTAL MEDICAID PHARMACY REIMBURSEMENT, ALL STATES COMBINED AND BY STATE
NONDUAL BENEFICIARIES, 2007^{a,b,c}

	PSYCHOTICS	ANTI- CONVULSANT	ANTI- ASTHMATIC	ANTI- VIRAL	ANTI- DEPRESSANTS	ANTI- DRUGS	ULCER OBESITY	STIMULANTS ANOREX	ANTI- HEMATOLOGICAL	MISC. DIABETIC	ANTI- Narcotic	ANALGESICS Narcotic
Oregon		1	3	5	9	6	10		7	2	8	4
Pennsylvania		1	2	3	10	5	.		4	8	9	7
Rhode Island		1	2	7	4	3	5		10	.	9	6
South Carolina		1	3	2	5	7	10		4	.	8	9
South Dakota		1	4	3	.	5	6		2	.	.	8
Tennessee		1	3	2	7	.	.		4	6	8	5
Texas		1	3	2	10	9	7		4	.	.	.
Utah		1	2	6	.	3	5		7	9	8	4
Vermont		1	2	3	9	5	7		6	.	8	4
Virginia		1	2	3	.	5	7		4	10	9	6
Washington		1	2	4	7	6	5		.	3	8	9
West Virginia		2	1	4	.	5	3		6	.	8	7
Wisconsin		1	2	4	.	7	5		3	8	9	6
Wyoming		1	2	4	.	5	6		3	.	10	9

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

a. Table N.4 is based on beneficiaries represented by Cell K of Table 1 in the national table set and the table set for each state.
b. The top 10 drug groups were determined based on total Medicaid reimbursement in each state for 2007. The Medicaid reimbursement amounts do not reflect federally required rebates from drug manufacturers to states. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.
CMS = Centers for Medicare & Medicaid Services; D.C. = District of Columbia; MAX = Medicaid Analytic Extract.

Nondual Medicaid Beneficiaries

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, 2007

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Blind/ Disabled	Adults	Children	Other/ Unknown	All	Aged	Blind/ Disabled	Adults	Children	Other/ Unknown
All	47,620,130	299,346	5,253,595	12,833,027	29,193,407	40,755	442,797,068	2,876,639	56,728,156	106,589,393	276,265,934	336,946
Age												
5 and younger	12,225,217	6	266,749	7,443	11,951,015	4	112,280,699	39	2,833,517	58,486	109,388,638	19
6-14	12,322,949	22	743,504	3,221	11,576,201	1	123,362,979	240	8,445,081	24,313	114,893,343	2
15-20	7,174,224	23	572,644	1,140,211	5,460,628	718	66,104,647	213	6,343,169	8,900,508	50,855,946	4,811
21-44	11,862,228	227	1,502,481	10,233,192	111,653	14,675	101,833,239	1,881	16,204,953	84,867,660	653,482	105,263
45-64	3,588,620	1,361	2,121,672	1,439,782	710	25,095	35,345,066	11,500	22,407,788	12,695,379	5,184	225,215
65-74	204,268	161,704	39,519	2,774	10	261	2,017,266	1,578,930	417,768	18,888	55	1,625
75-84	100,344	94,266	5,815	254	8	1	985,569	919,942	63,574	1,993	49	11
85 and older	43,006	41,679	1,197	109	21	0	376,700	363,655	12,240	704	101	0
Unknown	99,274	58	14	6,041	93,161	0	490,903	239	66	21,462	469,136	0
Gender												
Female	27,829,622	192,376	2,602,349	10,426,873	14,567,288	40,736	256,244,737	1,859,329	28,418,240	87,577,214	138,053,129	336,825
Male	19,696,743	106,817	2,651,112	2,401,814	14,536,981	19	186,073,158	1,016,232	28,308,910	18,998,803	137,749,092	121
Unknown	93,765	153	134	4,340	89,138	0	479,173	1,078	1,006	13,376	463,713	0
Race												
White	18,696,252	79,076	2,371,563	5,151,515	11,071,139	22,959	173,264,439	730,197	25,292,641	42,401,257	104,657,886	182,458
African American	11,525,042	44,706	1,429,822	2,738,803	7,305,679	6,032	112,107,430	436,825	15,609,531	23,851,897	72,157,102	52,075
Other/unknown	17,398,836	175,564	1,452,210	4,942,709	10,816,589	11,764	157,425,199	1,709,617	15,825,984	40,336,239	99,450,946	102,413
Use of Nursing Facilities^c												
Entire year	77,587	16,556	60,178	542	305	6	817,860	165,426	646,456	3,395	2,552	31
Part year	89,205	10,235	68,063	5,600	5,220	87	905,562	97,761	698,618	53,478	54,894	811
None	47,453,338	272,555	5,125,354	12,826,885	29,187,882	40,662	441,073,646	2,613,452	55,383,082	106,532,520	276,208,488	336,104
Maintenance Assistance Status												
Cash	16,662,944	85,160	4,417,018	4,125,610	8,035,156	0	167,514,638	908,299	49,040,880	36,874,104	80,691,355	0
Medically needy	2,066,777	114,973	198,899	884,958	867,947	0	18,103,948	1,091,659	1,731,862	7,523,902	7,756,525	0
Poverty related	16,917,063	32,032	226,075	1,396,984	15,221,217	40,755	154,882,871	286,103	2,099,831	8,700,895	143,459,096	336,946
Other/unknown	11,973,346	67,181	411,603	6,425,475	5,069,087	0	102,295,611	590,578	3,855,583	53,490,492	44,358,958	0
Managed Care (MC) Status												
Fee-for-service (FFS) all year	22,929,795	214,353	3,592,966	6,929,056	12,158,818	34,602	200,124,660	1,994,534	38,045,158	52,308,393	107,499,759	276,816
FFS part year, with Rx claims	3,986,262	21,545	439,392	1,197,978	2,325,479	1,868	39,912,632	234,619	4,924,089	11,142,845	23,593,361	17,718
FFS part year, no Rx claims	5,549,016	11,289	151,756	1,323,025	4,062,396	550	51,120,916	104,826	1,526,238	11,433,421	38,051,867	4,564
MC all year, with Rx claims	2,548,355	8,471	297,224	634,605	1,607,738	317	27,381,550	97,387	3,473,936	6,500,761	17,307,739	1,727
MC all year, no Rx claims	12,606,215	43,688	772,256	2,748,082	9,038,771	3,418	124,256,491	445,273	8,758,734	25,203,410	89,812,953	36,121

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

a. Table A.1 includes the beneficiaries represented by Cell J of Table 1. Benefit months are months during which beneficiaries had pharmacy benefit coverage.

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

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

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

APPENDIX TABLE A.2
MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS^{ab}
NONDUAL BENEFICIARIES, UNITED STATES, 2007

	Beneficiaries and		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	Benefit Months in Cell J of Table 1		Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months
All	47,620,130	442,797,068	35,060,837	260,686,340	12,558,806	182,110,728
Fee-for-service (FFS) all year	22,929,795	200,124,660	22,929,795	203,579,959	0	-3,455,299
FFS part year, with Rx claims	3,986,262	39,912,632	3,986,256	15,089,592	6	24,823,040
FFS part year, with no Rx claims	5,549,016	51,120,916	5,548,984	16,413,223	32	34,707,693
Managed care (MC) all year, with Rx claims	2,548,355	27,381,550	2,168,581	22,991,656	379,774	4,389,894
MC all year, with no Rx claims	12,606,215	124,256,491	427,221	2,611,910	12,178,994	121,644,581
Unknown	487	819	0	0	0	819

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

- a. Benefit months are months during which beneficiaries had pharmacy benefit coverage.
- b. The negative numbers for Fee-for-service (FFS) all year benefit months in the far right column result from a Mathematica adjustment to the reported data that resulted in a shift of beneficiaries and their benefit months in Massachusetts from FFS all year to managed care (MC).
 Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; MC = managed care; Rx = pharmacy benefit.

Nondual Medicaid Beneficiaries

APPENDIX TABLE A.3
MANAGED CARE PENETRATION RATES, ALL STATES COMBINED AND BY STATE, BY BASIS OF ELIGIBILITY
NONDUAL BENEFICIARIES, UNITED STATES, 2007^{a,b}

	All Nonduals		Aged/Disabled			Adults/Children		
	Number of Beneficiaries	Percentage of Beneficiaries Enrolled in MC all Year	Number of Beneficiaries	Number of Beneficiaries Enrolled in MC all Year	Percentage of Beneficiaries Enrolled in MC all Year	Number of Beneficiaries	Number of Beneficiaries Enrolled in MC all Year	Percentage of Beneficiaries Enrolled in MC all Year
All States	47,620,130	31.8 %	5,552,941	1,121,639	20.2 %	42,026,434	14,029,196	33.4 %
Alabama	703,187	0.0	114,309	65	0.1	588,436	0	0.0
Alaska	112,318	0.0	9,572	0	0.0	102,587	0	0.0
Arizona	1,205,573	85.8	86,036	56,355	65.5	1,119,352	978,401	87.4
Arkansas	645,632	0.0	75,389	0	0.0	569,543	0	0.0
California	8,475,020	33.2	736,357	175,955	23.9	7,730,041	2,638,322	34.1
Colorado	465,364	4.2	55,876	3,906	7.0	409,205	15,807	3.9
Connecticut	436,276	16.6	33,867	82	0.2	402,094	72,439	18.0
Delaware	155,615	94.4	12,571	12,528	99.7	142,994	134,400	94.0
D.C.	145,753	63.3	27,532	2,772	10.1	118,212	89,428	75.7
Florida	2,209,429	24.9	301,181	82,667	27.4	1,907,857	466,902	24.5
Georgia	1,388,907	40.4	154,225	768	0.5	1,231,329	558,034	45.3
Hawaii	200,751	64.7	16,297	1,152	7.1	184,428	128,689	69.8
Idaho	197,686	0.0	21,532	0	0.0	176,154	0	0.0
Illinois	2,115,273	4.5	186,875	19	0.0	1,927,526	94,141	4.9
Indiana	887,779	46.6	81,245	10,159	12.5	806,231	403,894	50.1
Iowa	402,860	0.9	35,852	0	0.0	366,725	3,721	1.0
Kansas	286,530	24.7	37,186	7	0.0	249,089	70,634	28.4
Kentucky	706,702	21.6	142,871	24,069	16.8	563,343	128,614	22.8
Louisiana	970,156	0.0	128,245	2	0.0	840,792	0	0.0
Maine								
Maryland	704,265	62.0	91,659	59,156	64.5	612,182	377,537	61.7
Massachusetts	877,664	37.3	148,637	27,179	18.3	729,027	300,027	41.2
Michigan	1,590,680	6.5	185,963	3,398	1.8	1,403,493	100,605	7.2
Minnesota	642,509	32.8	62,288	2,773	4.5	579,739	208,079	35.9
Mississippi	585,679	0.0	96,143	0	0.0	489,316	0	0.0
Missouri	898,291	39.3	105,392	652	0.6	792,119	352,166	44.5
Montana	80,227	0.0	11,711	0	0.0	68,342	0	0.0
Nebraska	219,762	54.1	17,205	10,119	58.8	202,174	108,687	53.8
Nevada	211,840	28.6	23,407	0	0.0	188,203	60,511	32.2
New Hampshire	116,255	0.0	10,151	0	0.0	106,104	0	0.0
New Jersey	814,901	56.2	108,344	0	0.0	706,176	457,786	64.8
New Mexico	457,525	49.9	38,570	26,517	68.8	418,601	202,008	48.3
New York	3,611,649	52.0	464,633	133,230	28.7	3,146,103	1,745,431	55.5

Nondual Medicaid Beneficiaries

APPENDIX TABLE A.3
MANAGED CARE PENETRATION RATES, ALL STATES COMBINED AND BY STATE, BY BASIS OF ELIGIBILITY
NONDUAL BENEFICIARIES, UNITED STATES, 2007^{a,b}

	All Nonduals		Aged/Disabled		Adults/Children			
	Number of Beneficiaries	Percentage of Beneficiaries Enrolled in MC all Year	Number of Beneficiaries	Percentage of Beneficiaries Enrolled in MC all Year	Number of Beneficiaries	Percentage of Beneficiaries Enrolled in MC all Year	Number of Beneficiaries	Percentage of Beneficiaries Enrolled in MC all Year
North Carolina	1,363,246	0.0	163,841	0	0.0	1,199,405	0	0.0
North Dakota	57,938	0.0	4,865	0	0.0	53,073	0	0.0
Ohio	1,866,121	44.7	248,121	12,495	5.0	1,617,629	821,213	50.8
Oklahoma	669,018	0.0	59,240	0	0.0	603,212	0	0.0
Oregon	374,473	53.0	45,439	26,638	58.6	328,646	171,839	52.3
Pennsylvania	1,685,074	59.2	364,690	231,275	63.4	1,318,688	766,555	58.1
Rhode Island	177,231	64.0	25,863	3,849	14.9	150,931	109,545	72.6
South Carolina	765,523	8.4	85,394	7,331	8.6	679,167	56,670	8.3
South Dakota	111,242	0.0	9,066	0	0.0	102,085	0	0.0
Tennessee	1,178,753	4.4	165,281	2,032	1.2	1,010,500	48,963	4.8
Texas	3,537,382	22.0	367,449	50,181	13.7	3,168,789	726,308	22.9
Utah	227,451	5.1	20,033	688	3.4	207,160	10,873	5.2
Vermont	124,120	0.0	9,870	0	0.0	114,109	0	0.0
Virginia	729,232	44.3	90,019	42,544	47.3	638,555	280,599	43.9
Washington	1,024,758	42.3	113,607	2,432	2.1	910,575	431,236	47.4
West Virginia	319,010	33.5	72,715	373	0.5	245,944	106,640	43.4
Wisconsin	820,653	34.4	80,981	274	0.3	739,146	282,430	38.2
Wyoming	66,847	0.0	5,346	0	0.0	61,303	0	0.0

Source: Data for this table are from the MAX 2007 file for the U.S., released by CMS in 10/2010. This table was produced on 04/19/2011.

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.

CMS = Centers for Medicare & Medicaid Services; D.C. = District of Columbia; MAX = Medicaid Analytic Extract; MC = managed care.

Nondual Medicaid Beneficiaries