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STATISTICAL COMPENDIUM:
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2007
NORTH CAROLINA

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TABLE ND.2
CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a, b}
NONDUAL BENEFICIARIES, NORTH CAROLINA, 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	1,363,246	3,456	160,385	296,822	902,583	0	12,641,622	24,258	1,713,311	2,310,048	8,594,005	0
Age												
5 and younger	415,119	0	9,552	6	405,561	0	3,968,943	0	100,917	22	3,868,004	0
6-14	369,767	0	25,314	89	344,364	0	3,613,415	0	288,769	387	3,324,259	0
15-20	194,814	6	19,818	23,707	151,283	0	1,789,658	48	222,499	170,934	1,396,177	0
21-44	294,409	100	42,903	250,034	1,372	0	2,417,729	603	460,432	1,951,132	5,562	0
45-64	85,883	260	62,649	22,974	0	0	829,393	1,820	640,052	187,521	0	0
65-74	1,213	1,062	142	9	0	0	8,818	8,185	588	45	0	0
75-84	1,130	1,124	5	1	0	0	8,468	8,425	40	3	0	0
85 and older	908	904	2	2	0	0	5,195	5,177	14	4	0	0
Unknown	3	0	0	0	3	0	3	0	0	0	3	0
Gender												
Female	794,732	2,433	77,305	261,119	453,875	0	7,233,781	16,667	835,842	2,054,735	4,326,537	0
Male	568,514	1,023	83,080	35,703	448,708	0	5,407,841	7,591	877,469	255,313	4,267,468	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	550,886	1,411	64,468	136,770	348,237	0	5,017,387	8,210	672,188	1,060,595	3,276,394	0
African American	539,831	1,360	66,954	124,833	346,684	0	5,140,148	10,844	725,113	1,037,445	3,366,746	0
Other/unknown	272,529	685	28,963	35,219	207,662	0	2,484,087	5,204	316,010	212,008	1,950,865	0
Use of Nursing Facilities^c												
Entire year	916	125	791	0	0	0	10,479	1,433	9,046	0	0	0
Part year	1,597	120	1,452	20	5	0	15,826	1,224	14,362	192	48	0
None	1,360,733	3,211	158,142	296,802	902,578	0	12,615,317	21,601	1,689,903	2,309,856	8,593,957	0
Maintenance Assistance Status												
Cash	430,731	1,445	128,159	156,114	145,013	0	4,163,511	12,058	1,437,176	1,292,895	1,421,382	0
Medically needy	3,909	133	1,178	1,991	607	0	30,934	514	10,539	15,006	4,875	0
Poverty-related	790,906	1,877	31,043	64,030	693,956	0	7,163,264	11,678	265,567	354,979	6,531,040	0
Other/unknown	137,700	1	5	74,687	63,007	0	1,283,913	8	29	647,168	636,708	0
Managed Care (MC) Status												
Fee-for-service (FFS) all year	1,363,246	3,456	160,385	296,822	902,583	0	12,641,622	24,258	1,713,311	2,310,048	8,594,005	0
FFS part year, with Rx claims	0	0	0	0	0	0	0	0	0	0	0	0
FFS part year, no Rx claims	0	0	0	0	0	0	0	0	0	0	0	0

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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

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

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

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

TABLE ND.3
ANNUAL MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC^{a, b}
NONDUAL BENEFICIARIES, NORTH CAROLINA, 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	67.2	8.8	\$666	\$76	\$4,362	15.3	1,363,246
Age							
5 and younger	69.4	4.5	266	59	2,311	11.5	415,119
6-14	62.5	5.3	496	93	3,551	14.0	369,767
15-20	63.9	6.3	514	82	4,722	10.9	194,814
21-44	68.5	11.8	871	74	5,342	16.3	294,409
45-64	81.1	39.5	2,979	75	13,503	22.1	85,883
65-74	43.5	11.9	733	62	6,667	11.0	1,213
75-84	31.9	4.3	174	41	6,696	2.6	1,130
85 and older	16.7	1.5	44	29	6,360	0.7	908
Unknown	0.0	0.0	0	0	0	0.0	3
Basis of Eligibility^e							
Aged	35.8	7.3	437	60	7,827	5.6	3,456
Disabled	81.6	31.2	2,988	96	17,725	16.9	160,385
Adults	66.4	9.3	517	56	3,220	16.0	296,822
Children	65.0	4.6	303	66	2,349	12.9	902,583
Unknown	0.0	0.0	0	0	0	0.0	0
Gender							
Female	68.5	9.6	647	68	4,020	16.1	794,732
Male	65.4	7.7	692	90	4,840	14.3	568,514
Unknown	0.0	0.0	0	0	0	0.0	0
Race							
White	73.2	11.6	873	75	4,668	18.7	550,886
African American	64.1	7.2	546	76	4,521	12.1	539,831
Other/unknown	61.1	6.0	484	80	3,427	14.1	272,529
Use of Nursing Facilities^f							
Entire year	88.0	90.7	6,327	70	63,976	9.9	916
Part year	93.9	70.8	5,234	74	62,589	8.4	1,597
None	67.2	8.6	657	76	4,253	15.4	1,360,733
Maintenance Assistance Status							
Cash	74.5	15.9	1,317	83	7,664	17.2	430,731
Medically needy	78.5	19.9	1,592	80	14,469	11.0	3,909
Poverty related	64.4	5.2	343	66	2,696	12.7	790,906
Other/unknown	60.2	6.7	457	68	3,315	13.8	137,700

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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, NORTH CAROLINA, 2007

Beneficiary Characteristics	Mean Number of Rx	Mean Rx \$	Rx \$ as a Percentage of All Medicaid FFS \$ ^c	Number of Rx, Percentage with:						Mean \$, All Medicaid FFS \$ ^d	Number	
				None	More than 0, but 1 or Less	More than 1, but 2 or Less	More than 2, but 5 or Less	More than 5, but 10 or Less	More than 10		Beneficiaries	Benefit Months
All	0.9	\$72	15.3	32.8	51.4	6.9	6.2	2.3	0.5	\$470	1,363,246	12,641,622
Age												
5 and younger	0.5	28	11.5	30.6	63.2	4.5	1.6	0.1	0.0	242	415,119	3,968,943
6-14	0.5	51	14.0	37.5	52.6	5.7	3.8	0.4	0.0	363	369,767	3,613,415
15-20	0.7	56	10.9	36.1	51.8	6.8	4.5	0.8	0.1	514	194,814	1,789,658
21-44	1.4	106	16.3	31.5	42.7	10.6	11.2	3.6	0.5	651	294,409	2,417,729
45-64	4.1	309	22.1	18.9	19.3	11.2	25.1	19.4	6.0	1,398	85,883	829,393
65-74	1.6	101	11.0	56.5	19.5	5.9	10.1	6.7	1.4	917	1,213	8,818
75-84	0.6	23	2.6	68.1	24.0	2.9	3.5	1.2	0.2	894	1,130	8,468
85 and older	0.3	8	0.7	83.3	14.9	1.0	0.6	0.3	0.0	1,112	908	5,195
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0	3	3
Basis of Eligibility^e												
Aged	1.0	62	5.6	64.2	20.7	4.3	7.0	3.2	0.5	1,115	3,456	24,258
Disabled	2.9	280	16.9	18.4	31.4	11.7	21.0	13.5	3.9	1,659	160,385	1,713,311
Adults	1.2	66	16.0	33.6	44.0	10.1	9.6	2.5	0.2	414	296,822	2,310,048
Children	0.5	32	12.9	35.0	57.5	5.0	2.4	0.2	0.0	247	902,583	8,594,005
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Gender												
Female	1.1	71	16.1	31.5	51.2	7.3	6.7	2.7	0.6	442	794,732	7,233,781
Male	0.8	73	14.3	34.6	51.6	6.3	5.4	1.7	0.3	509	568,514	5,407,841
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Race												
White	1.3	96	18.7	26.8	51.0	8.9	8.9	3.5	0.8	513	550,886	5,017,387
African American	0.8	57	12.1	35.9	51.6	5.9	4.7	1.6	0.3	475	539,831	5,140,148
Other/unknown	0.7	53	14.1	38.9	51.5	4.6	3.4	1.2	0.3	376	272,529	2,484,087
Use of Nursing Facilities^f												
Entire year	7.9	553	9.9	12.0	6.4	3.3	13.9	32.9	31.6	5,592	916	10,479
Part year	7.1	528	8.4	6.1	7.7	6.1	24.9	34.9	20.2	6,316	1,597	15,826
None	0.9	71	15.4	32.8	51.5	6.9	6.1	2.2	0.5	459	1,360,733	12,615,317
Maintenance Assistance Status												
Cash	1.6	136	17.2	25.5	45.9	9.7	12.0	5.5	1.3	793	430,731	4,163,511
Medically needy	2.5	201	11.0	21.5	32.9	13.4	20.5	10.0	1.8	1,828	3,909	30,934
Poverty related	0.6	38	12.7	35.6	55.3	5.3	3.1	0.7	0.1	298	790,906	7,163,264
Other/unknown	0.7	49	13.8	39.8	46.7	7.2	5.4	0.9	0.1	356	137,700	1,283,913

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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, NORTH CAROLINA, 2007

Beneficiary Characteristics	All Rx			Patented Brand-Name Drugs			Off-Patent Brand-Name Drugs			Generic Drugs		
	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx
All	0.9	\$72	\$76	0.3	\$55	\$167	0.0	\$4	\$92	0.6	\$12	\$22
Age												
5 and younger	0.5	28	59	0.1	19	139	0.0	2	63	0.3	7	23
6-14	0.5	51	93	0.3	42	155	0.0	3	86	0.2	7	27
15-20	0.7	56	82	0.3	44	169	0.0	3	96	0.4	9	24
21-44	1.4	106	74	0.4	81	184	0.1	6	104	0.9	19	20
45-64	4.1	309	75	1.4	234	173	0.2	22	100	2.5	52	21
65-74	1.6	101	62	0.5	73	144	0.1	8	84	1.0	20	19
75-84	0.6	23	41	0.1	16	107	0.0	2	86	0.4	5	13
85 and older	0.3	8	29	0.0	5	104	0.0	1	50	0.2	2	12
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Basis of Eligibility^d												
Aged	1.0	62	60	0.3	45	152	0.1	5	96	0.7	13	18
Disabled	2.9	280	96	1.1	224	212	0.2	17	106	1.7	38	23
Adults	1.2	66	56	0.3	47	137	0.0	4	93	0.8	15	19
Children	0.5	32	66	0.2	23	129	0.0	2	73	0.3	7	23
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Gender												
Female	1.1	71	68	0.3	53	153	0.0	5	91	0.7	14	21
Male	0.8	73	90	0.3	58	187	0.0	4	92	0.5	11	24
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Race												
White	1.3	96	75	0.5	73	161	0.1	6	98	0.8	17	22
African American	0.8	57	76	0.3	45	169	0.0	3	84	0.5	10	21
Other/unknown	0.7	53	80	0.2	41	186	0.0	3	85	0.4	9	22
Use of Nursing Facilities^e												
Entire year	7.9	553	70	2.3	405	175	0.4	26	71	5.2	119	23
Part year	7.1	528	74	2.0	381	187	0.3	33	94	4.8	113	24
None	0.9	71	76	0.3	54	166	0.0	4	92	0.6	12	22
Maintenance Assistance Status												
Cash	1.6	136	83	0.6	107	188	0.1	8	101	1.0	21	21
Medically needy	2.5	201	80	0.7	150	203	0.1	12	106	1.7	38	23
Poverty related	0.6	38	66	0.2	28	138	0.0	2	78	0.3	8	23
Other/unknown	0.7	49	68	0.3	38	138	0.0	3	83	0.4	9	21

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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 North Carolina, 0.2 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, NORTH CAROLINA, 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	Patented	Off-Patent	Total	Patented	Off-Patent	Total	Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All Benes	Number of Benefit Months		
		Brand-Name	Brand-Name		Brand-Name	Brand-Name		Brand-Name	Brand-Name							Generic	Generic
Anti-infective Agents	0.2	0.0	0.0	0.2	\$14	\$8	\$1	\$5	\$60	\$296	\$108	\$25	1,547,178	\$92,090,826	604,234	44.3	6,397,882
Biologicals	0.4	0.4	0.0	0.0	538	538	0	0	1505	1,505	0	0	15,103	22,727,158	4,421	0.3	42,209
Antineoplastic Agents	0.4	0.1	0.0	0.3	152	136	1	15	346	1,060	357	47	22,885	7,928,401	4,900	0.4	52,194
Endocrine/Metabolic Drugs	0.4	0.1	0.0	0.2	24	19	1	5	62	128	32	20	969,185	59,657,247	234,829	17.2	2,481,255
Cardiovascular Agents	1.0	0.3	0.1	0.7	42	27	5	10	42	99	67	15	1,240,321	51,498,177	114,787	8.4	1,219,673
Respiratory Agents	0.4	0.2	0.0	0.2	28	22	2	4	67	98	65	26	2,165,728	145,815,153	485,023	35.6	5,190,251
Gastrointestinal Agents	0.4	0.1	0.0	0.2	37	22	4	11	94	167	145	47	599,668	56,503,249	145,870	10.7	1,546,207
Genitourinary Agents	0.2	0.1	0.0	0.1	12	8	0	4	55	94	79	30	137,113	7,586,649	60,375	4.4	622,907
CNS Drugs	0.8	0.3	0.0	0.4	85	75	2	8	110	232	106	18	1,470,635	161,710,562	180,794	13.3	1,913,227
Stimulants/Anti-obesity/Anorexia	0.6	0.5	0.0	0.1	78	76	1	2	123	138	66	22	446,694	54,867,816	64,464	4.7	702,368
Miscellaneous Psychological/Neurological Agents	0.2	0.2	0.0	0.0	54	52	0	2	237	244	101	137	51,075	12,092,497	20,694	1.5	222,104
Analgesics and Anesthetics	0.4	0.0	0.0	0.4	17	8	2	7	42	297	352	18	1,272,757	53,184,425	301,793	22.1	3,122,236
Neuromuscular Agents	0.6	0.3	0.0	0.3	65	53	6	7	102	198	172	20	769,490	78,285,581	111,940	8.2	1,196,076
Nutritional Products	0.3	0.1	0.0	0.2	5	3	0	2	17	32	16	11	227,343	3,913,592	76,953	5.6	770,924
Hematological Agents	0.4	0.2	0.0	0.2	135	131	1	3	318	669	33	14	141,276	44,951,621	32,244	2.4	333,054
Topical Products	0.2	0.1	0.0	0.1	12	8	1	3	53	114	81	19	853,400	45,571,517	368,058	27.0	3,952,972
Miscellaneous Products	0.5	0.3	0.0	0.2	232	215	5	13	484	813	259	65	15,449	7,482,631	2,959	0.2	32,216
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	14	0	0	0	94	0	0	0	17,366	1,626,907	10,200	0.7	113,672
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.	11,962,666	907,494,009	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

- 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 North Carolina, 0.2 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, NORTH CAROLINA, 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	Rx \$ per Rx	Rx \$ per Benefit Month
ANTIPSYCHOTICS	\$113,291,263	65,162	4.8	726,364	0.5	\$294	\$156
ANTIASTHMATIC	87,701,943	317,861	23.3	3,466,891	0.3	96	25
ANTICONVULSANT	70,798,693	86,231	6.3	940,901	0.6	132	75
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	54,867,816	79,560	5.8	875,520	0.5	123	63
ULCER DRUGS	39,480,823	124,357	9.1	1,321,691	0.3	87	30
ANTIVIRAL	39,071,845	37,088	2.7	396,938	0.2	403	98
ANTIDEPRESSANTS	38,680,367	136,318	10.0	1,447,227	0.4	64	27
MISC. HEMATOLOGICAL	34,669,604	6,979	0.5	75,846	0.6	788	457
ANALGESICS - Narcotic	33,967,404	347,520	25.5	3,642,433	0.2	39	9
DERMATOLOGICAL	32,637,901	339,707	24.9	3,708,012	0.1	59	9
Total	545,167,659	1,540,783	n.a.	16,601,823	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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, NORTH CAROLINA, 2007

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIPSYCHOTICS				ANTIASTHMATIC			
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
All	4,912,423	\$545,167,659	65,162	4.8	726,364	0.5	\$156	317,861	23.3	3,466,891	0.3	\$25
Female												
All Females	2,909,844	282,958,371	35,398	4.5	392,492	0.5	142	163,061	20.5	1,773,468	0.3	25
Female, Disabled												
All Ages	1,256,949	151,264,426	19,815	25.6	227,827	0.6	177	36,970	47.8	425,798	0.4	40
5 and younger	17,228	1,784,429	35	0.9	415	0.4	77	2,015	50.5	23,397	0.3	30
6-14	70,128	10,113,109	1,307	16.3	15,173	0.6	168	3,157	39.3	36,974	0.3	34
15-20	62,361	9,103,179	1,668	24.0	19,459	0.6	160	1,907	27.4	22,375	0.3	31
21-44	349,491	47,530,143	7,633	34.4	87,519	0.5	168	8,299	37.4	96,320	0.3	33
45-64	757,281	82,689,886	9,163	25.4	105,193	0.6	188	21,570	59.8	246,613	0.4	45
65-74	460	43,680	9	12.9	68	0.8	172	22	31.4	119	0.5	58
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Female, Other Eligibles												
All Ages	1,652,895	131,693,945	15,583	2.2	164,665	0.4	93	126,091	17.6	1,347,670	0.2	21
5 and younger	245,999	16,411,563	183	0.1	2,104	0.4	72	43,771	21.9	483,307	0.2	18
6-14	318,394	30,954,321	2,649	1.5	29,439	0.5	124	38,358	22.2	413,342	0.3	23
15-20	207,045	16,645,456	3,047	3.0	33,133	0.4	94	13,785	13.4	146,400	0.2	19
21-44	758,073	56,853,246	8,741	3.9	90,097	0.3	83	25,754	11.5	259,815	0.2	20
45-64	120,272	10,589,360	926	5.4	9,490	0.4	89	4,333	25.3	43,878	0.3	30
65-74	2,402	215,434	32	5.0	358	0.8	167	68	10.7	690	0.5	50
75-84	547	21,856	5	0.7	44	0.2	28	17	2.3	178	0.2	15
85 and older	163	2,709	0	0.0	0	0.0	0	5	0.7	60	0.2	6
Male												
All Males	2,002,579	262,209,288	29,764	5.2	333,872	0.6	173	154,800	27.2	1,693,423	0.3	25
Male, Disabled												
All Ages	940,402	153,874,783	19,706	23.7	225,151	0.6	197	27,572	33.2	315,626	0.4	39
5 and younger	28,998	4,712,760	200	3.6	2,347	0.4	104	3,444	61.9	39,862	0.3	32
6-14	170,183	36,687,769	4,127	23.9	47,790	0.6	166	7,862	45.5	92,249	0.3	32
15-20	110,305	20,064,570	3,509	27.3	40,704	0.6	186	3,125	24.3	36,641	0.3	35
21-44	247,549	46,237,646	6,869	33.1	78,278	0.7	222	3,473	16.8	39,836	0.4	34
45-64	383,067	46,147,518	4,991	18.8	55,977	0.7	199	9,646	36.3	106,890	0.5	50
65-74	298	24,488	10	13.9	55	0.8	164	20	27.8	124	0.3	36
75-84	2	32	0	0.0	0	0.0	0	2	100.0	24	0.1	1
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Male, Other Eligibles												
All Ages	1,062,177	108,334,505	10,058	2.1	108,721	0.5	124	127,228	26.2	1,377,797	0.2	22
5 and younger	303,465	24,388,628	494	0.2	5,692	0.4	93	62,595	30.4	687,634	0.2	20
6-14	479,138	54,153,724	5,251	3.1	58,245	0.5	132	50,630	29.4	545,407	0.3	25
15-20	151,353	18,753,653	2,909	4.0	31,361	0.5	127	10,705	14.9	113,516	0.3	23
21-44	93,133	7,832,058	1,161	4.1	10,990	0.3	95	2,292	8.1	21,299	0.3	23
45-64	33,470	3,089,474	229	3.7	2,282	0.4	108	932	15.2	9,217	0.4	41
65-74	1,058	80,476	11	2.5	115	0.6	170	51	11.7	503	0.4	45
75-84	461	31,202	1	0.3	12	0.7	87	20	5.3	192	0.3	41
85 and older	99	5,290	2	1.0	24	0.1	2	3	1.5	29	0.2	31
Unknown	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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, NORTH CAROLINA, 2007

Beneficiary Characteristics	ANTICONVULSANT					STIMULANTS/ANTI-OBESITY/ANOREXIANTS					ULCER DRUGS				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month
All	86,231	6.3	940,901	0.6	\$75	79,560	5.8	875,520	0.5	\$63	124,357	9.1	1,321,691	0.3	\$30
Female															
All Females	56,325	7.1	610,839	0.5	67	25,340	3.2	277,663	0.5	60	84,758	10.7	903,069	0.3	30
Female, Disabled															
All Ages	27,653	35.8	316,937	0.7	85	4,850	6.3	56,285	0.5	69	30,435	39.4	350,207	0.5	43
5 and younger	477	12.0	5,531	0.7	103	98	2.5	1,165	0.3	32	786	19.7	8,544	0.4	33
6-14	1,752	21.8	20,437	0.8	149	2,492	31.0	29,070	0.5	67	811	10.1	9,522	0.4	47
15-20	1,715	24.7	19,987	0.8	144	1,029	14.8	12,053	0.5	66	1,046	15.0	12,259	0.3	33
21-44	9,266	41.8	106,365	0.7	97	672	3.0	7,671	0.5	72	7,822	35.3	90,935	0.4	37
45-64	14,431	40.0	164,557	0.6	62	559	1.5	6,326	0.5	88	19,938	55.3	228,770	0.5	46
65-74	12	17.1	60	0.5	48	0	0.0	0	0.0	0	32	45.7	177	0.6	57
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Female, Other Eligibles															
All Ages	28,672	4.0	293,902	0.4	48	20,490	2.9	221,378	0.5	58	54,323	7.6	552,862	0.3	21
5 and younger	700	0.4	7,721	0.4	67	850	0.4	9,665	0.3	33	8,813	4.4	85,109	0.2	15
6-14	2,106	1.2	22,961	0.5	84	14,065	8.2	153,260	0.5	59	5,672	3.3	61,749	0.2	17
15-20	3,420	3.3	35,984	0.4	60	3,012	2.9	32,907	0.4	58	7,450	7.2	78,681	0.2	14
21-44	19,677	8.8	199,028	0.4	41	2,288	1.0	22,822	0.4	57	27,717	12.4	280,122	0.3	24
45-64	2,695	15.8	27,387	0.5	45	273	1.6	2,700	0.5	78	4,496	26.3	45,394	0.4	37
65-74	46	7.2	509	0.7	44	1	0.2	12	0.1	1	116	18.3	1,174	0.5	33
75-84	21	2.8	235	0.6	7	1	0.1	12	0.4	3	47	6.3	504	0.4	22
85 and older	7	1.0	77	0.8	4	0	0.0	0	0.0	0	12	1.7	129	0.6	12
Male															
All Males	29,906	5.3	330,062	0.6	90	54,220	9.5	597,857	0.5	64	39,599	7.0	418,622	0.4	30
Male, Disabled															
All Ages	20,720	24.9	235,410	0.7	102	12,926	15.6	150,755	0.5	69	17,356	20.9	194,932	0.5	41
5 and younger	611	11.0	7,100	0.7	116	404	7.3	4,730	0.3	36	1,032	18.6	11,365	0.4	36
6-14	3,195	18.5	37,084	0.7	132	8,590	49.7	100,397	0.6	69	1,358	7.9	15,950	0.4	44
15-20	2,667	20.7	31,162	0.8	142	3,098	24.1	36,212	0.5	74	1,157	9.0	13,583	0.4	36
21-44	6,887	33.2	78,027	0.8	115	619	3.0	7,026	0.6	72	4,302	20.8	48,908	0.5	40
45-64	7,353	27.7	81,996	0.6	59	215	0.8	2,390	0.5	67	9,495	35.7	105,061	0.5	42
65-74	7	9.7	41	0.5	25	0	0.0	0	0.0	0	12	16.7	65	0.6	44
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Male, Other Eligibles															
All Ages	9,186	1.9	94,652	0.5	62	41,294	8.5	447,102	0.5	62	22,243	4.6	223,690	0.2	20
5 and younger	904	0.4	10,006	0.4	61	2,340	1.1	26,617	0.3	34	10,203	5.0	99,491	0.2	16
6-14	2,868	1.7	31,374	0.5	80	32,709	19.0	353,906	0.5	64	4,813	2.8	52,733	0.2	18
15-20	1,982	2.8	20,816	0.5	78	5,888	8.2	63,264	0.5	64	2,912	4.0	30,898	0.2	18
21-44	2,625	9.2	24,474	0.4	37	284	1.0	2,585	0.4	59	3,039	10.7	28,174	0.4	34
45-64	775	12.7	7,609	0.4	35	73	1.2	730	0.5	98	1,171	19.1	11,297	0.4	38
65-74	16	3.7	183	0.5	16	0	0.0	0	0.0	0	61	14.0	656	0.4	26
75-84	14	3.7	166	0.5	10	0	0.0	0	0.0	0	34	9.0	352	0.5	34
85 and older	2	1.0	24	0.8	27	0	0.0	0	0.0	0	10	4.9	89	0.6	23
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.
 a. Table ND.7B includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 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.7C
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BASIS OF ELIGIBILITY, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2007

Beneficiary Characteristics	ANTIVIRAL					ANTIDEPRESSANTS					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	37,088	2.7	396,938	0.2	\$98	136,318	10.0	1,447,227	0.4	\$27	6,979	0.5	75,846	0.6	\$457
Female															
All Females	24,108	3.0	254,968	0.2	88	102,477	12.9	1,080,894	0.4	28	3,754	0.5	41,476	0.6	77
Female, Disabled															
All Ages	4,695	6.1	53,601	0.4	240	37,691	48.8	429,990	0.5	34	3,093	4.0	34,863	0.6	72
5 and younger	107	2.7	1,212	0.2	38	15	0.4	180	0.4	7	2	0.1	22	0.4	3
6-14	283	3.5	3,272	0.3	99	815	10.1	9,494	0.5	17	4	0.0	48	0.5	41
15-20	279	4.0	3,286	0.3	114	1,699	24.4	19,725	0.5	24	8	0.1	96	0.4	39
21-44	1,879	8.5	21,521	0.5	258	12,137	54.7	139,280	0.5	32	270	1.2	3,121	0.5	57
45-64	2,145	5.9	24,302	0.5	270	23,006	63.8	261,220	0.5	36	2,800	7.8	31,538	0.6	73
65-74	2	2.9	8	0.4	166	19	27.1	91	0.6	27	9	12.9	38	0.9	89
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Female, Other Eligibles															
All Ages	19,413	2.7	201,367	0.2	48	64,786	9.0	650,904	0.3	24	661	0.1	6,613	0.5	104
5 and younger	3,222	1.6	36,117	0.1	7	123	0.1	1,417	0.3	8	6	0.0	62	0.7	656
6-14	3,925	2.3	41,913	0.1	20	3,452	2.0	38,007	0.4	14	3	0.0	29	0.6	7,199
15-20	2,757	2.7	28,987	0.2	34	9,240	9.0	96,455	0.3	18	8	0.0	84	0.2	544
21-44	8,844	4.0	87,594	0.3	73	45,757	20.5	452,829	0.3	24	316	0.1	3,215	0.4	57
45-64	660	3.9	6,704	0.3	176	6,139	35.9	61,377	0.4	32	312	1.8	3,071	0.5	66
65-74	5	0.8	52	0.1	9	61	9.6	669	0.5	32	14	2.2	128	0.6	76
75-84	0	0.0	0	0.0	0	12	1.6	126	0.4	17	1	0.1	12	0.7	86
85 and older	0	0.0	0	0.0	0	2	0.3	24	0.6	9	1	0.1	12	0.1	10
Male															
All Males	12,980	2.3	141,970	0.2	117	33,841	6.0	366,333	0.5	24	3,225	0.6	34,370	0.6	916
Male, Disabled															
All Ages	3,944	4.7	44,249	0.5	321	20,169	24.3	226,330	0.5	27	2,708	3.3	29,461	0.6	802
5 and younger	159	2.9	1,862	0.2	41	67	1.2	773	0.3	5	12	0.2	143	1.0	10,546
6-14	504	2.9	5,958	0.2	40	1,995	11.5	23,190	0.5	17	39	0.2	456	1.3	26,610
15-20	290	2.3	3,404	0.2	97	2,214	17.2	25,567	0.5	25	12	0.1	141	0.8	14,794
21-44	1,327	6.4	14,559	0.6	389	6,415	30.9	71,879	0.5	28	217	1.0	2,298	0.5	2,395
45-64	1,662	6.3	18,460	0.7	427	9,463	35.6	104,819	0.5	29	2,427	9.1	26,414	0.6	90
65-74	2	2.8	6	1.0	236	15	20.8	102	0.6	24	1	1.4	9	0.6	73
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Male, Other Eligibles															
All Ages	9,036	1.9	97,721	0.1	25	13,672	2.8	140,003	0.4	20	517	0.1	4,909	0.5	1,602
5 and younger	3,538	1.7	39,798	0.1	6	200	0.1	2,326	0.3	8	40	0.0	426	0.5	4,584
6-14	3,874	2.3	41,360	0.1	14	4,387	2.6	48,333	0.4	15	26	0.0	275	0.7	9,504
15-20	1,080	1.5	11,402	0.1	34	3,738	5.2	39,487	0.4	22	22	0.0	217	0.5	12,421
21-44	409	1.4	3,843	0.4	208	4,121	14.5	37,941	0.3	23	159	0.6	1,489	0.5	292
45-64	133	2.2	1,298	0.4	292	1,196	19.5	11,606	0.4	28	254	4.1	2,331	0.6	68
65-74	2	0.5	20	0.2	34	24	5.5	238	0.5	23	7	1.6	75	0.4	50
75-84	0	0.0	0	0.0	0	5	1.3	60	0.6	36	7	1.8	79	0.7	74
85 and older	0	0.0	0	0.0	0	1	0.5	12	0.7	61	2	1.0	17	0.4	46
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.
 a. Table ND.7C includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 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.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, NORTH CAROLINA, 2007

Beneficiary Characteristics	ANALGESICS - Narcotic					DERMATOLOGICAL						
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Beneficiaries	Number of Benefit Months
All	347,520	25.5	3,642,433	0.2	\$9	339,707	24.9	3,708,012	0.1	\$9	1,363,246	12,641,622
Female												
All Females	254,641	32.0	2,655,336	0.2	9	199,093	25.1	2,168,848	0.1	9	794,729	7,233,778
Female, Disabled												
All Ages	60,693	78.5	696,238	0.3	20	28,290	36.6	330,233	0.2	14	77,305	835,842
5 and younger	318	8.0	3,766	0.1	1	1,700	42.6	19,779	0.1	6	3,989	41,632
6-14	1,124	14.0	13,280	0.1	1	2,978	37.0	35,145	0.1	10	8,041	91,809
15-20	2,459	35.4	28,865	0.2	2	2,602	37.4	30,595	0.2	11	6,955	78,333
21-44	20,038	90.4	230,891	0.3	17	7,454	33.6	87,354	0.2	13	22,171	242,758
45-64	36,723	101.8	419,269	0.4	23	13,549	37.6	157,314	0.2	17	36,074	380,963
65-74	31	44.3	167	0.6	23	7	10.0	46	0.3	26	70	306
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	3	27
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	14
Female, Other Eligibles												
All Ages	193,948	27.0	1,959,098	0.2	5	170,803	23.8	1,838,615	0.1	8	717,424	6,397,936
5 and younger	6,148	3.1	69,627	0.1	1	77,191	38.7	836,877	0.1	6	199,585	1,902,637
6-14	11,543	6.7	127,304	0.1	1	40,070	23.2	440,610	0.1	9	172,507	1,664,787
15-20	33,592	32.6	348,206	0.1	1	20,561	20.0	221,789	0.2	11	103,057	912,176
21-44	131,132	58.8	1,297,384	0.2	5	29,584	13.3	303,974	0.1	11	223,081	1,760,763
45-64	11,385	66.5	115,018	0.3	12	3,328	19.4	34,664	0.2	16	17,111	143,250
65-74	110	17.3	1,165	0.3	19	48	7.6	477	0.2	11	635	4,916
75-84	37	5.0	382	0.2	2	19	2.5	206	0.1	5	746	5,529
85 and older	1	0.1	12	0.2	1	2	0.3	18	0.1	4	702	3,878
Male												
All Males	92,879	16.3	987,097	0.3	11	140,614	24.7	1,539,164	0.1	8	568,514	5,407,841
Male, Disabled												
All Ages	38,019	45.8	423,852	0.3	19	21,489	25.9	249,236	0.2	12	83,080	877,469
5 and younger	603	10.8	7,040	0.1	1	2,390	43.0	27,746	0.2	7	5,563	59,285
6-14	1,907	11.0	22,495	0.1	1	4,819	27.9	56,959	0.1	8	17,273	196,960
15-20	3,045	23.7	35,491	0.1	2	3,396	26.4	39,932	0.2	13	12,863	144,166
21-44	11,523	55.6	128,984	0.3	17	4,734	22.8	55,005	0.2	14	20,732	217,674
45-64	20,919	78.7	229,699	0.4	26	6,142	23.1	69,546	0.2	16	26,575	259,089
65-74	22	30.6	143	0.5	13	8	11.1	48	0.3	16	72	282
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	13
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
Male, Other Eligibles												
All Ages	54,860	11.3	563,245	0.2	5	119,125	24.5	1,289,928	0.1	8	485,434	4,530,372
5 and younger	9,267	4.5	104,863	0.1	1	73,226	35.5	791,684	0.1	6	205,982	1,965,389
6-14	11,969	7.0	132,260	0.1	1	30,800	17.9	338,756	0.1	8	171,946	1,659,859
15-20	14,574	20.3	152,747	0.1	1	12,094	16.8	130,718	0.2	14	71,939	654,983
21-44	15,206	53.5	136,455	0.3	13	2,240	7.9	20,988	0.2	15	28,425	196,534
45-64	3,732	61.0	35,700	0.4	19	725	11.8	7,328	0.2	20	6,123	46,091
65-74	83	19.0	921	0.2	8	31	7.1	346	0.1	4	436	3,314
75-84	24	6.3	243	0.2	2	7	1.8	84	0.2	3	379	2,899
85 and older	5	2.5	56	0.1	1	2	1.0	24	0.1	3	204	1,303
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	3	3

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.
 a. Table ND.7D includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 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; \$ = Medicaid reimbursement.

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, NORTH CAROLINA, 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	7.9	916	10,479
Age				
0-64	634	9.0	791	9,046
65-74	171	3.0	27	307
75-84	3	0.4	50	578
85 and older	6	0.5	48	548
Unknown	0	0.0	0	0
Gender				
Female	565	8.0	514	5,874
Male	538	7.9	402	4,605
Unknown	0	0.0	0	0
Race				
White	552	8.4	356	4,002
African American	555	7.4	465	5,377
Other/unknown	547	8.9	95	1,100
Basis of Eligibility^c				
Aged	40	1.0	125	1,433
Disabled	634	9.0	791	9,046
Adults	0	0.0	0	0
Children	0	0.0	0	0
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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 1,597 beneficiaries who were in nursing facilities for part of their enrollment and their 15,826 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, NORTH CAROLINA, 2007

Therapeutic Category	Number of Rx per Benefit Month Among Users				\$ per Benefit Month Among Users				\$ per Rx				Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months
	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic					
Anti-infective Agents	0.6	0.2	0.0	0.4	\$73	\$56	\$2	\$16	\$127	\$314	\$117	\$41	3,714	\$473,425	557	60.8	6,454
Biologicals	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0	0
Antineoplastic Agents	0.5	0.1	0.0	0.4	245	217	0	27	471	1,549	0	72	211	99,408	37	4.0	406
Endocrine/Metabolic Drugs	1.5	0.8	0.1	0.6	108	92	5	12	72	118	57	18	6,632	479,396	385	42.0	4,444
Cardiovascular Agents	2.5	0.4	0.2	1.9	85	42	11	32	34	101	64	17	16,141	556,456	574	62.7	6,570
Respiratory Agents	0.8	0.3	0.1	0.4	68	45	11	12	85	159	93	30	3,787	323,069	411	44.9	4,751
Gastrointestinal Agents	1.2	0.3	0.1	0.9	70	41	8	21	59	156	137	24	7,576	447,659	555	60.6	6,431
Genitourinary Agents	0.6	0.3	0.0	0.3	45	32	1	12	70	99	63	40	1,391	97,875	187	20.4	2,180
CNS Drugs	1.9	0.8	0.0	1.1	172	150	3	19	92	198	101	18	14,110	1,294,559	653	71.3	7,515
Stimulants/Anti-obesity/Anorexia	0.8	0.4	0.0	0.4	112	108	0	4	143	275	0	11	104	14,865	12	1.3	133
Miscellaneous Psychological/Neurological Agents	0.9	0.8	0.0	0.0	199	195	0	4	228	231	0	140	837	190,698	87	9.5	957
Analgesics and Anesthetics	1.3	0.0	0.0	1.2	52	8	1	43	41	222	73	35	6,784	276,447	464	50.7	5,308
Neuromuscular Agents	1.7	0.6	0.1	1.1	147	116	4	27	87	205	70	25	10,013	867,754	505	55.1	5,901
Nutritional Products	0.8	0.0	0.0	0.7	12	1	0	11	16	22	12	15	2,471	38,960	284	31.0	3,274
Hematological Agents	1.4	0.4	0.2	0.9	97	88	2	7	69	218	10	9	5,267	363,500	328	35.8	3,746
Topical Products	0.6	0.2	0.0	0.4	36	26	2	8	57	107	67	22	3,586	205,227	498	54.4	5,762
Miscellaneous Products	0.4	0.1	0.0	0.3	37	29	0	8	95	441	1	25	320	30,527	71	7.8	833
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	55	0	0	0	233	0	0	0	154	35,841	55	6.0	651
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.	83,098	5,795,666	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

- 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 1,597 beneficiaries who were in nursing facilities for part of their enrollment and their 15,826 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 North Carolina, 0.2 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, NORTH CAROLINA, 2007

Top 10 Drug Groups in Nursing Facilities	Total Medicaid Rx \$	Users			Among Users			
		Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month	
ANTIPSYCHOTICS	\$834,300	339	37.0	3,940	0.8	\$250	\$212	
ANTICONVULSANT	779,774	595	65.0	7,000	1.0	108	111	
ANTIDEPRESSANTS	382,497	682	74.5	7,893	0.9	56	48	
ANTIDIABETIC	376,188	468	51.1	5,436	1.1	66	69	
ULCER DRUGS	293,667	581	63.4	6,741	0.7	61	44	
ANALGESICS - Narcotic	250,550	622	67.9	7,133	0.8	44	35	
ANTIVIRAL	244,437	58	6.3	696	0.6	616	351	
ANTIASTHMATIC	220,463	357	39.0	4,117	0.5	110	54	
MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL	191,053	111	12.1	1,245	0.7	227	153	
ANTIHYPERLIPIDEMIC	188,040	312	34.1	3,602	0.8	62	52	
Total	3,760,969	4,125	n.a.	47,803	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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 1,597 beneficiaries who were in nursing facilities for part of their enrollment and their 15,826 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, NORTH CAROLINA, 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	40,000	\$3,760,969	339	37.0	3,940	0.8	\$212	595	65.0	7,000	1.0	\$111
Female												
All Females	22,907	2,212,180	210	40.9	2,462	0.8	221	333	64.8	3,924	1.1	113
Female, Disabled												
All Ages	22,480	2,185,918	206	48.2	2,414	0.8	222	329	77.0	3,876	1.1	114
64 or younger	22,480	2,185,918	206	48.2	2,414	0.8	222	329	77.0	3,876	1.1	114
65-74	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Female, Other Eligibles												
All Ages	427	26,262	4	4.6	48	1.2	140	4	4.6	48	0.8	6
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	301	23,995	4	26.7	48	1.2	140	1	6.7	12	0.2	2
75-84	66	1,075	0	0.0	0	0.0	0	2	6.5	24	1.0	6
85 and older	60	1,192	0	0.0	0	0.0	0	1	2.4	12	1.0	7
Male												
All Males	17,093	1,548,789	129	32.1	1,478	0.9	197	262	65.2	3,076	1.0	109
Male, Disabled												
All Ages	16,906	1,534,609	128	35.2	1,466	0.9	197	261	71.7	3,064	1.0	110
64 or younger	16,906	1,534,609	128	35.2	1,466	0.9	197	261	71.7	3,064	1.0	110
65-74	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Male, Other Eligibles												
All Ages	187	14,180	1	2.6	12	0.8	174	1	2.6	12	1.0	39
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	147	12,836	1	8.3	12	0.8	174	0	0.0	0	0.0	0
75-84	23	775	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	17	569	0	0.0	0	0.0	0	1	14.3	12	1.0	39
Unknown	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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 1,597 beneficiaries who were in nursing facilities for part of their enrollment and their 15,826 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, NORTH CAROLINA, 2007

Beneficiary Characteristics	ANTIDEPRESSANTS					ANTIDIABETIC					ULCER DRUGS				
	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 \$
		74.5	7,893	0.9	\$49		51.1	5,436	1.1	\$69		63.4	6,741	0.7	\$44
All	682	74.5	7,893	0.9	\$49	468	51.1	5,436	1.1	\$69	581	63.4	6,741	0.7	\$44
Female															
All Females	391	76.1	4,512	0.9	52	291	56.6	3,396	1.0	65	325	63.2	3,764	0.7	42
Female, Disabled															
All Ages	388	90.9	4,476	0.9	52	285	66.7	3,324	1.0	65	305	71.4	3,524	0.7	44
64 or younger	388	90.9	4,476	0.9	52	285	66.7	3,324	1.0	65	305	71.4	3,524	0.7	44
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Female, Other Eligibles															
All Ages	3	3.4	36	0.6	48	6	6.9	72	0.9	46	20	23.0	240	0.6	19
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	3	20.0	36	0.6	48	6	40.0	72	0.9	46	8	53.3	96	0.6	25
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	6	19.4	72	0.6	13
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	6	14.6	72	0.7	15
Male															
All Males	291	72.4	3,381	0.9	44	177	44.0	2,040	1.1	76	256	63.7	2,977	0.7	46
Male, Disabled															
All Ages	288	79.1	3,355	0.9	44	174	47.8	2,004	1.1	76	250	68.7	2,915	0.7	46
64 or younger	288	79.1	3,355	0.9	44	174	47.8	2,004	1.1	76	250	68.7	2,915	0.7	46
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Male, Other Eligibles															
All Ages	3	7.9	26	1.2	72	3	7.9	36	1.0	121	6	15.8	62	0.8	22
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	3	25.0	26	1.2	72	3	25.0	36	1.0	121	3	25.0	26	0.8	18
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	10.5	24	1.0	32
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	14.3	12	0.4	9
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

- 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 1,597 beneficiaries who were in nursing facilities for part of their enrollment and their 15,826 benefit months were excluded from the analysis.
- 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.
- Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- 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.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, NORTH CAROLINA, 2007

Beneficiary Characteristics	ANALGESICS - Narcotic					ANTIVIRAL					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	622	67.9	7,133	0.8	\$35	58	6.3	696	0.6	\$351	357	39.0	4,117	0.5	\$54
Female															
All Females	357	69.5	4,064	0.7	29	30	5.8	360	0.5	286	211	41.1	2,447	0.5	59
Female, Disabled															
All Ages	353	82.7	4,016	0.7	28	30	7.0	360	0.5	286	211	49.4	2,447	0.5	59
64 or younger	353	82.7	4,016	0.7	28	30	7.0	360	0.5	286	211	49.4	2,447	0.5	59
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Female, Other Eligibles															
All Ages	4	4.6	48	0.8	109	0	0.0	0	0.0	0	0	0.0	0	0.0	0
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	4	26.7	48	0.8	109	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Male															
All Males	265	65.9	3,069	0.9	43	28	7.0	336	0.7	421	146	36.3	1,670	0.4	46
Male, Disabled															
All Ages	264	72.5	3,057	0.9	44	28	7.7	336	0.7	421	145	39.8	1,658	0.4	47
64 or younger	264	72.5	3,057	0.9	44	28	7.7	336	0.7	421	145	39.8	1,658	0.4	47
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Male, Other Eligibles															
All Ages	1	2.6	12	0.9	6	0	0.0	0	0.0	0	1	2.6	12	0.1	6
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	1	8.3	12	0.9	6	0	0.0	0	0.0	0	1	8.3	12	0.1	6
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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 1,597 beneficiaries who were in nursing facilities for part of their enrollment and their 15,826 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.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, NORTH CAROLINA, 2007

Beneficiary Characteristics	MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL					ANTIHYPERTENSIVE					All-Year Nursing Facility Residents	Benefit Months Among All- Year Nursing Facility Residents
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$		
All	111	12.1	1,245	0.7	\$154	312	34.1	3,602	0.8	\$52	916	10,479
Female												
All Females	69	13.4	781	0.7	182	181	35.2	2,088	0.9	52	514	5,874
Female, Disabled												
All Ages	68	15.9	769	0.7	182	176	41.2	2,028	0.9	52	427	4,869
64 or younger	68	15.9	769	0.7	182	176	41.2	2,028	0.9	52	427	4,869
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
Female, Other Eligibles												
All Ages	1	1.1	12	0.8	129	5	5.7	60	0.8	51	87	1,005
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	1	6.7	12	0.8	129	5	33.3	60	0.8	51	15	180
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	31	361
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	41	464
Male												
All Males	42	10.4	464	0.7	106	131	32.6	1,514	0.8	53	402	4,605
Male, Disabled												
All Ages	41	11.3	452	0.7	103	129	35.4	1,490	0.8	53	364	4,177
64 or younger	41	11.3	452	0.7	103	129	35.4	1,490	0.8	53	364	4,177
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
Male, Other Eligibles												
All Ages	1	2.6	12	1.3	226	2	5.3	24	1.0	51	38	428
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	1	8.3	12	1.3	226	2	16.7	24	1.0	51	12	127
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	19	217
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	7	84
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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 1,597 beneficiaries who were in nursing facilities for part of their enrollment and their 15,826 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}
NORTH CAROLINA, 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	236,625	17.4	0.6	797,079	\$10	\$13,021,803	\$16	1.4	1,363,246	
Age										
5 and younger	58,950	14.2	0.2	102,127	4	1,457,907	14	1.3	415,119	
6-14	49,207	13.3	0.2	91,879	5	1,792,302	20	1.0	369,767	
15-20	27,027	13.9	0.3	59,212	8	1,565,655	26	1.6	194,814	
21-44	64,373	21.9	1.0	281,202	14	4,218,159	15	1.6	294,409	
45-64	36,431	42.4	3.0	258,916	46	3,935,339	15	1.5	85,883	
65-74	267	22.0	1.3	1,628	20	24,839	15	2.8	1,213	
75-84	241	21.3	1.2	1,359	15	17,306	13	8.8	1,130	
85 and older	129	14.2	0.8	756	11	10,296	14	25.9	908	
Unknown	0	0.0	0.0	0	0	0	0	0.0	3	
Basis of Eligibility^c										
Aged	716	20.7	1.2	4,051	16	55,456	14	3.7	3,456	
Disabled	56,210	35.0	2.3	361,821	36	5,837,596	16	1.2	160,385	
Adults	57,063	19.2	0.7	217,482	11	3,243,186	15	2.1	296,822	
Children	122,636	13.6	0.2	213,725	4	3,885,565	18	1.4	902,583	
Unknown	0	0.0	0.0	0	0	0	0	0.0	0	
Gender										
Female	148,838	18.7	0.7	542,334	11	8,835,586	16	1.7	794,732	
Male	87,787	15.4	0.4	254,745	7	4,186,217	16	1.1	568,514	
Unknown	0	0.0	0.0	0	0	0	0	0.0	0	
Race										
White	127,732	23.2	0.9	505,859	14	7,856,457	16	1.6	550,886	
African American	70,547	13.1	0.4	189,662	6	3,379,104	18	1.1	539,831	
Other/unknown	38,346	14.1	0.4	101,558	7	1,786,242	18	1.4	272,529	
Use of Nursing Facilities^d										
Entire year	590	64.4	7.7	7,034	106	97,341	14	1.7	916	
Part year	1,116	69.9	5.9	9,437	88	141,301	15	1.7	1,597	
None	234,919	17.3	0.6	780,608	9	12,783,161	16	1.4	1,360,733	
Maintenance Assistance Status										
Cash	107,803	25.0	1.2	511,590	19	8,169,000	16	1.4	430,731	
Medically needy	1,371	35.1	1.5	5,673	19	75,352	13	1.2	3,909	
Poverty related	108,406	13.7	0.3	229,852	5	3,902,630	17	1.4	790,906	
Other/unknown	19,045	13.8	0.4	49,964	6	874,821	18	1.4	137,700	

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 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.

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}
NORTH CAROLINA, 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	\$1	\$16	\$0	\$0	12,641,622
Age						
5 and younger	0.0	0	14	0	0	3,968,943
6-14	0.0	0	20	0	0	3,613,415
15-20	0.0	1	26	0	0	1,789,658
21-44	0.1	2	15	0	1	2,417,729
45-64	0.3	5	15	0	2	829,393
65-74	0.2	3	15	0	1	8,818
75-84	0.2	2	13	0	1	8,468
85 and older	0.1	2	14	0	1	5,195
Unknown	0.0	0	0	0	0	3
Basis of Eligibility^c						
Aged	0.2	2	14	0	1	24,258
Disabled	0.2	3	16	0	1	1,713,311
Adults	0.1	1	15	0	0	2,310,048
Children	0.0	0	18	0	0	8,594,005
Unknown	0.0	0	0	0	0	0
Gender						
Female	0.1	1	16	0	0	7,233,781
Male	0.0	1	16	0	0	5,407,841
Unknown	0.0	0	0	0	0	0
Race						
White	0.1	2	16	0	0	5,017,387
African American	0.0	1	18	0	0	5,140,148
Other/unknown	0.0	1	18	0	0	2,484,087
Use of Nursing Facilities^d						
Entire year	0.7	9	14	0	3	10,479
Part year	0.6	9	15	0	2	15,826
None	0.1	1	16	0	0	12,615,317
Maintenance Assistance Status						
Cash	0.1	2	16	0	1	4,163,511
Medically needy	0.2	2	13	0	1	30,934
Poverty related	0.0	1	17	0	0	7,163,264
Other/unknown	0.0	1	18	0	0	1,283,913

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 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}
NORTH CAROLINA, 2007

Drug Category	Number of Users	Rx \$ per User	Total Rx \$	Rx \$ as a Percentage of All Part D Excluded Rx \$	Total Number Rx.	\$ per Rx	Number Rx as a Percentage of All Part D Excluded Rx
All	279,185	\$47	\$13,021,803	100.0	797,079	\$16	100.0
Anorexia or weight loss/gain	0	0	0	0.0	0	0	0.0
Fertility drugs	0	0	0	0.0	0	0	0.0
Drugs for cosmetic purposes	852	16	13,951	0.1	1,320	11	0.2
Cough and cold medications	153,610	45	6,976,314	53.6	263,358	26	33.0
Vitamins and minerals	23,411	53	1,240,219	9.5	87,568	14	11.0
Non-prescription drugs	25,970	40	1,043,729	8.0	62,764	17	7.9
Barbiturates	1,823	58	105,464	0.8	14,390	7	1.8
Benzodiazepines	64,407	48	3,095,421	23.8	348,200	9	43.7
Other Part D Excl Rx Drugs	9,112	60	546,705	4.2	19,479	28	2.4

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 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

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, NORTH CAROLINA, 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	1,363,246	3,456	160,385	296,822	902,583	0	12,641,622	24,258	1,713,311	2,310,048	8,594,005	0
Age												
5 and younger	415,119	0	9,552	6	405,561	0	3,968,943	0	100,917	22	3,868,004	0
6-14	369,767	0	25,314	89	344,364	0	3,613,415	0	288,769	387	3,324,259	0
15-20	194,814	6	19,818	23,707	151,283	0	1,789,658	48	222,499	170,934	1,396,177	0
21-44	294,409	100	42,903	250,034	1,372	0	2,417,729	603	460,432	1,951,132	5,562	0
45-64	85,883	260	62,649	22,974	0	0	829,393	1,820	640,052	187,521	0	0
65-74	1,213	1,062	142	9	0	0	8,818	8,185	588	45	0	0
75-84	1,130	1,124	5	1	0	0	8,468	8,425	40	3	0	0
85 and older	908	904	2	2	0	0	5,195	5,177	14	4	0	0
Unknown	3	0	0	0	3	0	3	0	0	0	3	0
Gender												
Female	794,732	2,433	77,305	261,119	453,875	0	7,233,781	16,667	835,842	2,054,735	4,326,537	0
Male	568,514	1,023	83,080	35,703	448,708	0	5,407,841	7,591	877,469	255,313	4,267,468	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	550,886	1,411	64,468	136,770	348,237	0	5,017,387	8,210	672,188	1,060,595	3,276,394	0
African American	539,831	1,360	66,954	124,833	346,684	0	5,140,148	10,844	725,113	1,037,445	3,366,746	0
Other/unknown	272,529	685	28,963	35,219	207,662	0	2,484,087	5,204	316,010	212,008	1,950,865	0
Use of Nursing Facilities^c												
Entire year	916	125	791	0	0	0	10,479	1,433	9,046	0	0	0
Part year	1,597	120	1,452	20	5	0	15,826	1,224	14,362	192	48	0
None	1,360,733	3,211	158,142	296,802	902,578	0	12,615,317	21,601	1,689,903	2,309,856	8,593,957	0
Maintenance Assistance Status												
Cash	430,731	1,445	128,159	156,114	145,013	0	4,163,511	12,058	1,437,176	1,292,895	1,421,382	0
Medically needy	3,909	133	1,178	1,991	607	0	30,934	514	10,539	15,006	4,875	0
Poverty related	790,906	1,877	31,043	64,030	693,956	0	7,163,264	11,678	265,567	354,979	6,531,040	0
Other/unknown	137,700	1	5	74,687	63,007	0	1,283,913	8	29	647,168	636,708	0
Managed Care (MC) Status												
Fee-for-service (FFS) all year	1,363,246	3,456	160,385	296,822	902,583	0	12,641,622	24,258	1,713,311	2,310,048	8,594,005	0
FFS part year, with Rx claims	0	0	0	0	0	0	0	0	0	0	0	0
FFS part year, no Rx claims	0	0	0	0	0	0	0	0	0	0	0	0
MC all year, with Rx claims	0	0	0	0	0	0	0	0	0	0	0	0
MC all year, no Rx claims	0	0	0	0	0	0	0	0	0	0	0	0

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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

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

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

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

APPENDIX TABLE A.2
 MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS^a
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 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	Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months
All	1,363,246	12,641,622	1,363,246	12,641,622	0	0
Fee-for-service (FFS) all year	1,363,246	12,641,622	1,363,246	12,641,622	0	0
FFS part year, with Rx claims	0	0	0	0	0	0
FFS part year, with no Rx claims	0	0	0	0	0	0
Managed care (MC) all year, with Rx claims	0	0	0	0	0	0
MC all year, with no Rx claims	0	0	0	0	0	0

Source: Data for this table are from the MAX 2007 file for North Carolina, released by CMS in 3/2010. This table was produced on 10/06/2010.

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

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

Nondual Medicaid Beneficiaries