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**STATISTICAL COMPENDIUM:
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2005
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, 2005

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
All	1,259,725	3,645	156,722	275,050	824,308	0	11,095,854	25,247	1,594,466	2,018,554	7,457,587	0
Age												
5 and younger	366,512	0	9,580	5	356,927	0	3,289,710	0	96,626	12	3,193,072	0
6-14	348,526	0	23,964	91	324,471	0	3,271,877	0	260,315	370	3,011,192	0
15-20	178,778	6	17,176	20,233	141,363	0	1,565,326	17	184,823	133,394	1,247,092	0
21-44	279,508	84	43,801	234,087	1,536	0	2,178,491	476	447,162	1,724,659	6,194	0
45-64	82,884	198	62,070	20,615	1	0	766,324	1,328	604,958	160,026	12	0
65-74	1,222	1,082	125	15	0	0	8,845	8,260	515	70	0	0
75-84	1,316	1,311	4	1	0	0	10,023	9,963	48	12	0	0
85 and older	968	964	2	2	0	0	5,230	5,203	19	8	0	0
Unknown	11	0	0	1	10	0	28	0	0	3	25	0
Gender												
Female	735,051	2,548	77,019	240,359	415,125	0	6,359,595	17,186	794,012	1,787,299	3,761,098	0
Male	524,674	1,097	79,703	34,691	409,183	0	4,736,259	8,061	800,454	231,255	3,696,489	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	523,349	1,442	63,107	128,774	330,026	0	4,446,220	7,816	617,337	920,179	2,900,888	0
African American	520,423	1,496	64,848	116,918	337,161	0	4,814,240	12,289	676,732	935,120	3,190,099	0
Other/unknown	215,953	707	28,767	29,358	157,121	0	1,835,394	5,142	300,397	163,255	1,366,600	0
Use of Nursing Facilities^c												
Entire year	987	148	838	1	0	0	10,708	1,572	9,134	2	0	0
Part year	1,571	151	1,383	34	3	0	15,095	1,404	13,329	326	36	0
None	1,257,167	3,346	154,501	275,015	824,305	0	11,070,051	22,271	1,572,003	2,018,226	7,457,551	0
Maintenance Assistance Status												
Cash	456,312	1,607	121,858	164,351	168,496	0	4,220,835	13,023	1,308,690	1,296,998	1,602,124	0
Medically needy	3,891	135	1,258	1,923	575	0	28,481	571	10,605	13,209	4,096	0
Poverty-related	680,297	1,903	33,581	61,227	583,586	0	5,756,952	11,653	275,078	313,216	5,157,005	0
Other/unknown	119,225	0	25	47,549	71,651	0	1,089,586	0	93	395,131	694,362	0
Managed Care (MC) Status												
Fee-for-service (FFS) all year	1,186,907	3,520	148,560	257,608	777,219	0	10,806,525	24,837	1,561,607	1,950,956	7,269,125	0
FFS part year, with Rx claims	54,090	96	7,247	14,733	32,014	0	220,304	318	29,264	59,080	131,642	0
FFS part year, no Rx claims	18,728	29	915	2,709	15,075	0	69,025	92	3,595	8,518	56,820	0

Source: Data for this table are from the MAX 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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, 2005

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	67.9	8.9	\$630	\$71	\$3,772	16.7	1,259,725
Age							
5 and younger	68.5	4.3	227	53	2,149	10.5	366,512
6-14	61.8	5.1	412	81	2,352	17.5	348,526
15-20	64.1	6.1	450	74	3,816	11.8	178,778
21-44	73.6	12.4	879	71	5,084	17.3	279,508
45-64	81.4	38.3	2,835	74	12,238	23.2	82,884
65-74	59.6	25.2	1,597	63	7,012	22.8	1,222
75-84	60.1	32.3	1,875	58	8,164	23.0	1,316
85 and older	40.7	22.5	1,279	57	7,717	16.6	968
Unknown	18.2	0.4	12	32	360	3.2	11
Basis of Eligibility^e							
Aged	56.5	27.0	1,619	60	8,452	19.2	3,645
Disabled	80.0	29.8	2,689	90	14,979	18.0	156,722
Adults	72.6	10.0	560	56	3,262	17.2	275,050
Children	64.1	4.4	257	58	1,791	14.4	824,308
Unknown	0.0	0.0	0	0	0	0.0	0
Gender							
Female	70.1	9.9	639	65	3,603	17.7	735,051
Male	64.9	7.5	617	83	4,009	15.4	524,674
Unknown	0.0	0.0	0	0	0	0.0	0
Race							
White	74.0	11.5	819	71	4,271	19.2	523,349
African American	65.0	7.2	496	69	3,510	14.1	520,423
Other/unknown	60.5	6.5	494	76	3,194	15.5	215,953
Use of Nursing Facilities^f							
Entire year	94.0	90.6	6,428	71	60,937	10.5	987
Part year	97.3	72.3	5,553	77	57,246	9.7	1,571
None	67.9	8.7	619	71	3,660	16.9	1,257,167
Maintenance Assistance Status							
Cash	73.2	14.4	1,112	77	5,879	18.9	456,312
Medically needy	80.8	21.9	1,884	86	13,797	13.7	3,891
Poverty related	63.7	5.2	320	61	2,394	13.4	680,297
Other/unknown	71.2	8.0	511	64	3,245	15.8	119,225

Source: Data for this table are from the MAX 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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, TX, UT, and WV) the expenditures in this column include only Rx drug expenditures for those enrolled in capitated managed care plans, and not expenditures for other services covered by the plans or long-term-care services not covered by the plans. As a result, the amounts shown in this column for all Medicaid fee-for-service expenditures are lower than they would otherwise be.

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

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

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

Bene(s) = beneficiary (or beneficiaries); 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, 2005

Beneficiary Characteristics	Mean Number of Rx	Mean Rx \$	Number of Rx, Percentage with:								Number	
			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	1.0	\$72	16.7	32.1	50.1	7.4	7.0	2.5	0.9	\$428	1,259,725	11,095,854
Age												
5 and younger	0.5	25	10.5	31.5	61.6	4.8	1.9	0.2	0.0	239	366,512	3,289,710
6-14	0.5	44	17.5	38.2	51.1	5.6	4.1	0.8	0.2	251	348,526	3,271,877
15-20	0.7	51	11.8	35.9	50.3	7.2	5.1	1.1	0.3	436	178,778	1,565,326
21-44	1.6	113	17.3	26.4	43.4	12.2	12.9	3.8	1.3	652	279,508	2,178,491
45-64	4.1	307	23.2	18.6	19.0	11.1	25.9	17.4	7.9	1,324	82,884	766,324
65-74	3.5	221	22.8	40.4	15.9	7.4	19.6	12.3	4.4	969	1,222	8,845
75-84	4.2	246	23.0	39.9	8.7	5.7	22.9	18.7	4.1	1,072	1,316	10,023
85 and older	4.2	237	16.6	59.3	5.9	4.5	13.8	12.1	4.3	1,428	968	5,230
Unknown	0.1	5	3.2	81.8	18.2	0.0	0.0	0.0	0.0	141	11	28
Basis of Eligibility^e												
Aged	3.9	234	19.2	43.5	11.7	6.5	19.9	14.3	4.2	1,220	3,645	25,247
Disabled	2.9	264	18.0	20.0	29.9	11.3	21.1	12.4	5.3	1,472	156,722	1,594,466
Adults	1.4	76	17.2	27.4	45.3	12.1	11.6	2.8	0.9	445	275,050	2,018,554
Children	0.5	28	14.4	35.9	55.7	5.1	2.8	0.4	0.1	198	824,308	7,457,587
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	74	17.7	29.9	50.2	8.1	7.8	2.9	1.1	416	735,051	6,359,595
Male	0.8	68	15.4	35.1	50.0	6.5	5.9	1.9	0.6	444	524,674	4,736,259
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Race												
White	1.4	96	19.2	26.0	49.6	9.5	9.9	3.6	1.5	503	523,349	4,446,220
African American	0.8	54	14.1	35.0	51.2	6.3	5.3	1.7	0.5	379	520,423	4,814,240
Other/unknown	0.8	58	15.5	39.5	48.8	5.2	4.3	1.6	0.6	376	215,953	1,835,394
Use of Nursing Facilities^f												
Entire year	8.3	593	10.5	6.0	1.9	3.6	21.5	37.3	29.7	5,617	987	10,708
Part year	7.5	578	9.7	2.7	5.9	7.3	27.9	34.1	22.2	5,958	1,571	15,095
None	1.0	70	16.9	32.1	50.2	7.4	7.0	2.4	0.9	416	1,257,167	11,070,051
Maintenance Assistance Status												
Cash	1.6	120	18.9	26.8	45.4	9.5	11.6	4.8	1.9	636	456,312	4,220,835
Medically needy	3.0	257	13.7	19.2	31.1	13.9	22.5	9.5	3.8	1,885	3,891	28,481
Poverty related	0.6	38	13.4	36.3	52.9	5.7	3.8	1.0	0.3	283	680,297	5,756,952
Other/unknown	0.9	56	15.8	28.8	52.5	9.2	7.6	1.5	0.4	355	119,225	1,089,586

Source: Data for this table are from the MAX 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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, TX, UT, and WV) the expenditures in this column include only Rx drug expenditures for those enrolled in capitated managed care plans, and not expenditures for other services covered by the plans or long-term-care services not covered by the plans. As a result, the amounts shown in this column for all Medicaid fee-for-service expenditures are lower than they would otherwise be.

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

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

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

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

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, 2005

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	1.0	\$72	\$71	0.4	\$56	\$134	0.0	\$4	\$77	0.5	\$13	\$23
Age												
5 and younger	0.5	25	53	0.2	19	112	0.0	1	49	0.3	6	20
6-14	0.5	44	81	0.3	37	125	0.0	2	76	0.2	5	24
15-20	0.7	51	74	0.3	41	137	0.0	3	72	0.4	8	22
21-44	1.6	113	71	0.6	86	148	0.1	6	82	0.9	21	22
45-64	4.1	307	74	1.7	234	135	0.2	16	89	2.2	57	26
65-74	3.5	221	63	1.5	171	118	0.2	9	56	1.9	40	22
75-84	4.2	246	58	1.9	195	104	0.2	8	41	2.2	44	20
85 and older	4.2	237	57	1.7	178	108	0.2	10	47	2.3	48	21
Unknown	0.1	5	32	0.1	4	37	0.0	0	0	0.0	1	16
Basis of Eligibility^d												
Aged	3.9	234	60	1.6	182	111	0.2	9	48	2.1	43	21
Disabled	2.9	264	90	1.3	211	165	0.1	13	96	1.5	40	27
Adults	1.4	76	56	0.5	56	117	0.1	4	68	0.8	17	20
Children	0.5	28	58	0.2	22	104	0.0	1	60	0.3	5	21
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Gender												
Female	1.1	74	65	0.4	56	125	0.1	4	73	0.6	14	22
Male	0.8	68	83	0.4	55	148	0.0	3	86	0.4	10	25
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Race												
White	1.4	96	71	0.6	74	131	0.1	5	82	0.7	17	24
African American	0.8	54	69	0.3	42	133	0.0	2	69	0.4	9	21
Other/unknown	0.8	58	76	0.3	46	149	0.0	3	78	0.4	10	23
Use of Nursing Facilities^e												
Entire year	8.3	593	71	3.1	433	138	0.6	33	60	4.6	126	27
Part year	7.5	578	77	2.9	428	150	0.4	30	80	4.3	119	28
None	1.0	70	71	0.4	55	133	0.0	3	77	0.5	12	23
Maintenance Assistance Status												
Cash	1.6	120	77	0.6	94	146	0.1	6	87	0.8	20	24
Medically needy	3.0	257	86	1.1	206	179	0.1	9	71	1.7	42	24
Poverty related	0.6	38	61	0.3	29	113	0.0	2	64	0.3	7	22
Other/unknown	0.9	56	64	0.4	44	118	0.0	2	63	0.5	10	20

Source: Data for this table are from the MAX 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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, 25.854.1 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined. For information about this classification method, see Wolters Kluwer Health, <http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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, 2005

Therapeutic Category	Number of Rx per Benefit Month Among Users				\$ per Benefit Month Among Users				\$ per Rx				Users ^e			
	Off-Brand-Name				Off-Brand-Name				Off-Brand-Name				As a Percentage of All Benes			
	Total	Patented	Patent	Generic	Total	Patented	Patent	Generic	Total	Patented	Patent	Generic	Total Number of Rx	Total Rx \$	Number of Users	Number of Benefit Months
Anti-infective Agents	0.3	0.1	0.0	0.2	\$15	\$10	\$2	\$4	\$60	\$149	\$71	\$23	1,421,265	\$85,619,253	559,642	44.4
Biologicals	0.4	0.3	0.0	0.0	461	418	17	26	1292	1,215	3,019	3,625	12,814	16,549,583	3,865	0.3
Antineoplastic Agents	0.5	0.1	0.0	0.3	127	103	1	23	275	836	119	70	23,252	6,402,753	4,967	0.4
Endocrine/Metabolic Drugs	0.4	0.2	0.0	0.2	23	16	2	5	55	97	50	24	916,902	50,110,104	215,221	17.1
Cardiovascular Agents	1.1	0.5	0.0	0.6	48	39	0	8	44	79	33	14	1,196,985	52,397,973	107,938	8.6
Respiratory Agents	0.4	0.2	0.0	0.2	24	19	1	3	56	87	55	18	1,979,879	110,891,723	460,293	36.5
Gastrointestinal Agents	0.4	0.3	0.0	0.2	51	45	0	5	113	161	81	31	600,956	68,057,373	133,980	10.6
Genitourinary Agents	0.2	0.1	0.0	0.1	12	8	2	3	55	81	62	28	136,726	7,464,982	62,980	5.0
CNS Drugs	0.8	0.4	0.0	0.4	80	71	1	9	103	177	137	23	1,382,735	142,414,613	176,414	14.0
Stimulants/Anti-obesity/Anorexia	0.7	0.6	0.0	0.1	67	64	1	3	102	112	89	33	397,566	40,592,689	59,153	4.7
Miscellaneous Psychological/Neurological Agents	0.3	0.3	0.0	0.1	104	97	0	7	333	386	107	122	20,889	6,966,075	6,417	0.5
Analgesics and Anesthetics	0.4	0.1	0.0	0.4	21	10	3	8	48	185	218	22	1,279,032	61,593,443	297,655	23.6
Neuromuscular Agents	0.6	0.2	0.0	0.4	57	41	3	13	93	177	95	37	636,250	59,143,045	102,287	8.1
Nutritional Products	0.3	0.1	0.0	0.2	5	1	0	4	17	24	17	15	224,627	3,785,250	76,929	6.1
Hematological Agents	0.4	0.2	0.0	0.2	124	120	1	4	282	655	31	16	131,075	36,911,120	30,325	2.4
Topical Products	0.2	0.1	0.0	0.1	11	8	0	3	50	93	54	25	776,564	39,014,382	332,861	26.4
Miscellaneous Products	0.6	0.2	0.1	0.3	164	112	24	28	297	517	395	103	15,589	4,631,605	2,698	0.2
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	8	0	0	0	46	0	0	0	14,745	680,182	7,976	0.6
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.	11,167,851	793,226,148	n.a.	n.a.

Source: Data for this table are from the MAX 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

d. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In North Carolina, 25,854.1 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.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

e. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2005.

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.

Nondual Beneficiaries

TABLE ND.7
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP^{a, b, c}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2005

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	\$82,088,632	57,034	4.5	620,065	0.5	\$254	\$132
ANTIASTHMATIC	57,808,588	268,589	21.3	2,855,020	0.3	76	20
ULCER DRUGS	49,963,150	116,847	9.3	1,204,315	0.4	112	41
ANTICONVULSANT	49,452,635	67,818	5.4	718,863	0.6	121	69
ANTIDEPRESSANTS	40,739,258	135,767	10.8	1,397,622	0.4	70	29
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	37,881,592	68,433	5.4	719,481	0.5	102	53
ANALGESICS - Narcotic	31,314,474	320,440	25.4	3,279,981	0.2	40	10
ANTIVIRAL	31,215,885	30,753	2.4	319,264	0.3	366	98
DERMATOLOGICAL	26,902,247	296,524	23.5	3,159,068	0.2	55	9
MISC. HEMATOLOGICAL	24,758,222	6,919	0.5	72,736	0.6	604	340
Total	432,124,683	1,369,124		14,346,415	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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

Nondual 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, 2005

Beneficiary Characteristics	All Top 10 Drug Groups			ANTI PSYCHOTICS				ANTI ASTHMATIC				
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes	Number of	Mean	Mean	Number of Users	Users as % of All Benes	Number of	Mean	Mean Rx \$ per Benefit Month
					Months Among Users	Rx per Benefit Month	Rx \$ per Benefit Month			Months Among Users	Rx per Benefit Month	
All	4,287,738	\$432,124,683	57,034	4.5	620,065	0.5	\$132	268,589	21.3	2,855,020	0.3	\$20
Female												
All Females	2,593,969	234,704,091	31,336	4.3	339,308	0.5	119	141,568	19.3	1,500,572	0.3	20
Female, Disabled												
All Ages	1,122,069	127,108,409	18,097	23.5	203,079	0.6	149	33,656	43.7	378,560	0.4	31
5 and younger	16,263	1,584,245	42	1.1	468	0.5	122	1,828	46.9	20,500	0.3	25
6-14	60,081	7,466,948	1,166	15.2	13,131	0.6	138	2,687	35.1	30,973	0.3	27
15-20	47,732	6,102,292	1,190	19.1	13,544	0.5	143	1,523	24.5	17,494	0.3	24
21-44	329,005	41,235,086	7,239	31.5	81,109	0.5	143	8,111	35.3	91,757	0.3	25
45-64	668,564	70,677,878	8,444	23.4	94,737	0.6	156	19,482	53.9	217,692	0.4	36
65-74	339	33,219	14	17.9	76	0.5	118	23	29.5	130	0.5	47
75-84	31	3,603	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	54	5,138	2	100.0	14	0.6	45	2	100.0	14	0.4	23
Female, Other Eligibles												
All Ages	1,471,900	107,595,682	13,239	2.0	136,229	0.4	75	107,912	16.4	1,122,012	0.2	16
5 and younger	191,621	10,679,783	142	0.1	1,561	0.3	68	34,841	19.8	370,426	0.2	14
6-14	266,035	22,025,555	2,139	1.3	23,493	0.5	97	30,972	19.1	329,969	0.3	18
15-20	178,101	12,838,879	2,369	2.5	25,286	0.4	80	12,068	12.7	124,795	0.2	15
21-44	717,583	51,717,081	7,560	3.6	75,483	0.3	64	26,062	12.6	257,244	0.2	16
45-64	103,267	9,020,660	808	5.3	7,955	0.4	78	3,577	23.6	35,348	0.3	25
65-74	4,259	403,695	68	10.4	785	0.7	146	120	18.3	1,292	0.4	26
75-84	6,719	547,514	85	9.7	928	0.6	113	172	19.7	1,878	0.4	35
85 and older	4,315	362,515	68	9.1	738	0.7	118	100	13.3	1,060	0.3	27
Male												
All Males	1,693,769	197,420,592	25,698	4.9	280,757	0.6	149	127,021	24.2	1,354,448	0.3	20
Male, Disabled												
All Ages	800,170	117,832,924	17,199	21.6	192,026	0.6	169	23,859	29.9	265,634	0.4	31
5 and younger	26,559	4,556,884	208	3.7	2,336	0.4	106	3,197	56.3	36,207	0.3	26
6-14	147,286	24,574,032	3,648	22.4	41,244	0.6	142	6,517	40.0	74,903	0.3	26
15-20	82,802	14,000,716	2,673	24.4	30,214	0.6	154	2,294	20.9	26,264	0.3	27
21-44	214,843	36,405,310	6,287	30.2	69,818	0.6	191	3,098	14.9	34,540	0.3	27
45-64	328,458	38,258,128	4,380	16.9	48,401	0.6	174	8,736	33.7	93,605	0.5	38
65-74	197	33,944	3	6.4	13	0.3	14	16	34.0	103	0.3	29
75-84	25	3,910	0	0.0	0	0.0	0	1	100.0	12	0.1	11
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Nondual 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, 2005

Beneficiary Characteristics	All Top 10 Drug Groups			ANTIPSYCHOTICS				ANTIASTHMATIC				
	Number of Rx	Rx \$	Number of Users	Users	Number of	Mean	Mean	Number of Users	Users	Number of	Mean	Mean Rx \$ per Benefit Month
				as % of All Benes	Benefit Months Among Users	Rx per Benefit Month	Rx \$ per Benefit Month		as % of All Benes	Benefit Months Among Users	Rx per Benefit Month	
Male, Other Eligibles												
All Ages	893,599	79,587,668	8,499	1.9	88,731	0.5	105	103,162	23.2	1,088,814	0.2	18
5 and younger	236,968	16,415,373	374	0.2	4,257	0.4	77	49,517	27.4	526,009	0.2	16
6-14	402,666	37,743,409	4,413	2.7	47,569	0.5	114	41,477	25.5	439,856	0.3	20
15-20	120,950	12,898,913	2,340	3.5	24,356	0.5	103	8,639	13.0	90,155	0.3	18
21-44	93,597	8,928,648	1,074	3.8	9,689	0.3	78	2,382	8.4	21,806	0.3	19
45-64	31,080	2,872,061	197	3.5	1,779	0.4	87	902	16.0	8,400	0.4	31
65-74	3,386	318,542	45	10.2	498	0.7	156	99	22.5	1,024	0.5	40
75-84	3,483	289,059	42	9.6	441	0.6	104	99	22.7	1,066	0.4	31
85 and older	1,469	121,663	14	6.5	142	0.7	115	47	21.9	498	0.5	46
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 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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

Nondual 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, 2005

Beneficiary Characteristics	ULCER DRUGS					ANTICONVULSANT					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 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	116,847	9.3	1,204,315	0.4	\$42	67,818	5.4	718,863	0.6	\$69	135,767	10.8	1,397,622	0.4	\$29
Female															
All Females	80,789	11.0	835,938	0.4	42	44,412	6.0	468,592	0.5	63	102,874	14.0	1,053,169	0.4	29
Female, Disabled															
All Ages	29,419	38.2	328,850	0.5	61	22,603	29.3	251,370	0.6	80	37,263	48.4	413,292	0.5	35
5 and younger	726	18.6	7,765	0.4	32	474	12.2	5,341	0.7	101	25	0.6	299	0.3	18
6-14	695	9.1	7,927	0.5	48	1,532	20.0	17,160	0.8	126	812	10.6	9,099	0.5	28
15-20	897	14.4	10,261	0.4	39	1,281	20.6	14,499	0.8	130	1,343	21.6	15,224	0.5	32
21-44	8,023	34.9	90,570	0.4	52	8,054	35.0	90,121	0.7	87	12,728	55.3	142,108	0.4	33
45-64	19,051	52.7	212,190	0.5	67	11,248	31.1	124,163	0.6	61	22,343	61.8	246,504	0.5	36
65-74	24	30.8	106	0.5	46	13	16.7	79	0.5	55	11	14.1	51	0.6	45
75-84	2	66.7	24	0.8	87	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	1	50.0	7	1.1	202	1	50.0	7	0.7	5	1	50.0	7	1.1	139
Female, Other Eligibles															
All Ages	51,370	7.8	507,088	0.3	30	21,809	3.3	217,222	0.4	44	65,611	10.0	639,877	0.3	26
5 and younger	6,723	3.8	61,931	0.2	12	564	0.3	6,082	0.4	57	110	0.1	1,211	0.2	7
6-14	4,532	2.8	48,405	0.2	20	1,700	1.0	18,108	0.5	72	3,574	2.2	38,366	0.4	21
15-20	6,756	7.1	69,035	0.2	19	2,425	2.5	24,942	0.4	57	8,776	9.2	89,497	0.3	21
21-44	28,501	13.8	279,536	0.3	34	14,992	7.2	146,829	0.4	38	46,872	22.6	449,730	0.3	26
45-64	4,269	28.2	41,795	0.4	53	1,946	12.8	19,281	0.4	41	5,905	38.9	57,070	0.4	31
65-74	181	27.5	1,927	0.5	55	60	9.1	646	0.6	47	117	17.8	1,270	0.5	27
75-84	257	29.4	2,875	0.6	62	83	9.5	905	0.5	27	165	18.9	1,769	0.6	35
85 and older	151	20.1	1,584	0.6	61	39	5.2	429	0.6	24	92	12.3	964	0.7	33
Male															
All Males	36,058	6.9	368,377	0.4	40	23,406	4.5	250,271	0.6	80	32,893	6.3	344,453	0.5	29
Male, Disabled															
All Ages	16,384	20.6	178,401	0.5	56	16,398	20.6	180,655	0.7	89	18,829	23.6	205,557	0.5	32
5 and younger	936	16.5	10,053	0.4	31	599	10.5	6,618	0.7	96	69	1.2	799	0.3	18
6-14	1,186	7.3	13,397	0.4	50	2,651	16.3	29,865	0.7	113	2,119	13.0	23,997	0.5	27
15-20	1,007	9.2	11,470	0.4	40	1,810	16.5	20,547	0.8	129	1,912	17.4	21,474	0.5	35
21-44	4,205	20.2	46,248	0.5	54	5,547	26.7	60,989	0.7	97	6,110	29.4	66,416	0.5	33
45-64	9,034	34.9	97,105	0.5	63	5,785	22.3	62,588	0.6	56	8,613	33.2	92,843	0.5	32
65-74	12	25.5	80	0.5	70	6	12.8	48	0.5	26	6	12.8	28	0.6	61
75-84	4	400.0	48	0.5	73	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

Nondual 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, 2005

Beneficiary Characteristics	ULCER DRUGS					ANTICONVULSANT					ANTIDEPRESSANTS				
	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
Male, Other Eligibles															
All Ages	19,674	4.4	189,976	0.3	26	7,008	1.6	69,616	0.5	57	14,064	3.2	138,896	0.4	25
5 and younger	8,001	4.4	74,406	0.2	14	723	0.4	7,877	0.4	58	160	0.1	1,774	0.3	10
6-14	3,854	2.4	41,001	0.2	21	2,159	1.3	22,754	0.5	70	4,487	2.8	47,896	0.4	22
15-20	2,694	4.1	27,693	0.2	24	1,282	1.9	12,978	0.5	66	3,548	5.3	36,039	0.4	27
21-44	3,601	12.6	32,297	0.4	47	2,138	7.5	19,339	0.4	37	4,410	15.5	39,474	0.3	25
45-64	1,204	21.3	11,127	0.4	56	595	10.5	5,473	0.5	47	1,275	22.6	11,773	0.4	27
65-74	125	28.4	1,315	0.5	61	47	10.7	515	0.8	48	61	13.9	660	0.6	30
75-84	152	34.8	1,692	0.5	54	41	9.4	451	0.6	38	90	20.6	954	0.6	33
85 and older	43	20.0	445	0.7	70	23	10.7	229	0.7	42	33	15.3	326	0.6	31
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 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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

Nondual 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, 2005

Beneficiary Characteristics	STIMULANTS/ANTI-OBESITY/ANOREXIANTS					ANALGESICS - Narcotic					ANTIVIRAL				
	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	68,433	5.4	719,481	0.5	\$53	320,440	25.4	3,279,981	0.2	\$10	30,753	2.4	319,264	0.3	\$98
Female															
All Females	20,883	2.8	219,006	0.5	51	236,807	32.2	2,417,140	0.2	9	20,444	2.8	210,276	0.3	82
Female, Disabled															
All Ages	4,007	5.2	44,786	0.5	58	55,832	72.5	627,656	0.3	20	4,807	6.2	53,476	0.4	183
5 and younger	102	2.6	1,145	0.4	65	349	8.9	4,028	0.1	1	92	2.4	1,082	0.2	33
6-14	2,214	28.9	24,782	0.6	57	978	12.8	11,314	0.1	2	246	3.2	2,839	0.4	113
15-20	735	11.8	8,223	0.5	50	2,007	32.3	23,260	0.2	3	206	3.3	2,335	0.2	89
21-44	526	2.3	5,824	0.5	60	19,036	82.8	215,573	0.3	18	2,206	9.6	24,387	0.4	195
45-64	429	1.2	4,807	0.4	70	33,430	92.5	373,284	0.4	23	2,057	5.7	22,833	0.4	196
65-74	1	1.3	5	0.2	3	31	39.7	190	0.4	13	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	1	50.0	7	0.9	13	0	0.0	0	0.0	0
Female, Other Eligibles															
All Ages	16,876	2.6	174,220	0.5	49	180,975	27.5	1,789,484	0.2	5	15,637	2.4	156,800	0.2	48
5 and younger	645	0.4	7,081	0.3	30	5,085	2.9	56,412	0.1	1	2,040	1.2	22,030	0.1	6
6-14	12,021	7.4	124,826	0.5	50	10,734	6.6	116,782	0.1	1	2,446	1.5	25,786	0.2	26
15-20	2,155	2.3	22,131	0.4	48	29,110	30.6	295,299	0.1	2	2,188	2.3	22,177	0.2	27
21-44	1,838	0.9	18,087	0.4	50	125,017	60.3	1,210,921	0.2	6	8,368	4.0	80,902	0.3	66
45-64	214	1.4	2,059	0.4	50	10,242	67.6	101,405	0.3	13	568	3.7	5,600	0.3	135
65-74	1	0.2	12	0.1	40	245	37.3	2,759	0.3	13	6	0.9	71	0.3	191
75-84	2	0.2	24	0.5	62	371	42.4	4,035	0.3	6	16	1.8	192	0.1	10
85 and older	0	0.0	0	0.0	0	171	22.8	1,871	0.4	18	5	0.7	42	0.1	12
Male															
All Males	47,550	9.1	500,475	0.5	53	83,633	15.9	862,841	0.3	12	10,309	2.0	108,988	0.3	128
Male, Disabled															
All Ages	11,201	14.1	125,482	0.5	58	33,444	42.0	365,145	0.3	20	4,289	5.4	46,732	0.5	254
5 and younger	394	6.9	4,505	0.4	32	553	9.7	6,371	0.1	1	140	2.5	1,622	0.2	33
6-14	7,784	47.8	87,318	0.6	58	1,648	10.1	19,161	0.1	2	379	2.3	4,365	0.3	91
15-20	2,389	21.8	26,830	0.5	60	2,397	21.9	27,545	0.2	4	209	1.9	2,416	0.2	81
21-44	468	2.2	5,185	0.6	63	10,512	50.5	114,661	0.3	18	1,720	8.3	18,282	0.5	280
45-64	166	0.6	1,644	0.4	53	18,313	70.7	197,270	0.4	26	1,838	7.1	20,029	0.6	304
65-74	0	0.0	0	0.0	0	21	44.7	137	0.4	140	3	6.4	18	0.3	135
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

Nondual 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, 2005

PERSONS BENEFICIARY OF ANTICANCER DRUGS															
STIMULANTS/ANTI-OBESITY/ANOREXIANTS						ANALGESICS - Narcotic					ANTIVIRAL				
Beneficiary Characteristics	Number of Users	Users	Number of	Mean	Mean	Number of Users	Users	Number of	Mean	Mean	Number of Users	Users	Number of	Mean	Mean
		as % of All Benes	Benefit Months Among Users	Rx per Benefit Month	Rx \$ per Benefit Month		as % of All Benes	Benefit Months Among Users	Rx per Benefit Month	Rx \$ per Benefit Month		as % of All Benes	Benefit Months Among Users	Rx per Benefit Month	Rx \$ per Benefit Month
Male, Other Eligibles															
All Ages	36,349	8.2	374,993	0.5	52	50,189	11.3	497,696	0.2	6	6,020	1.4	62,256	0.1	33
5 and younger	1,871	1.0	20,407	0.3	30	7,115	3.9	78,002	0.1	1	2,171	1.2	23,025	0.1	6
6-14	29,484	18.1	304,393	0.5	53	11,054	6.8	119,413	0.1	1	2,473	1.5	25,857	0.1	15
15-20	4,652	7.0	47,270	0.5	54	12,184	18.3	124,706	0.1	2	705	1.1	7,331	0.2	45
21-44	305	1.1	2,640	0.4	52	15,884	55.8	138,281	0.3	13	516	1.8	4,600	0.3	170
45-64	36	0.6	279	0.5	80	3,590	63.5	33,313	0.4	17	143	2.5	1,299	0.4	312
65-74	0	0.0	0	0.0	0	159	36.1	1,746	0.3	11	8	1.8	96	0.5	274
75-84	0	0.0	0	0.0	0	140	32.0	1,562	0.3	9	1	0.2	12	0.2	4
85 and older	1	0.5	4	0.3	4	63	29.3	673	0.3	9	3	1.4	36	0.1	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 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

Ben(e)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 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, 2005

Beneficiary Characteristics	DERMATOLOGICAL					MISC. HEMATOLOGICAL					Number of Beneficiaries	Number of Benefit Months
	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	296,524	23.5	3,159,068	0.2	\$9	6,919	0.5	72,736	0.6	\$340	1,259,725	11,095,854
Female												
All Females	178,142	24.2	1,894,656	0.2	9	3,871	0.5	41,582	0.6	67	735,045	6,359,583
Female, Disabled												
All Ages	26,285	34.1	302,289	0.2	12	3,015	3.9	32,965	0.6	68	77,019	794,012
5 and younger	1,570	40.3	17,852	0.1	6	0	0.0	0	0.0	0	3,900	38,636
6-14	2,644	34.5	30,639	0.2	9	1	0.0	3	0.7	8	7,666	83,484
15-20	2,323	37.4	27,056	0.2	10	10	0.2	108	0.4	30	6,215	67,103
21-44	7,203	31.3	82,865	0.2	12	305	1.3	3,394	0.5	56	22,997	240,220
45-64	12,532	34.7	143,786	0.2	14	2,691	7.4	29,395	0.6	70	36,158	364,188
65-74	13	16.7	91	0.3	29	4	5.1	27	0.4	58	78	326
75-84	0	0.0	0	0.0	0	1	33.3	12	1.0	127	3	36
85 and older	0	0.0	0	0.0	0	3	150.0	26	0.5	64	2	19
Female, Other Eligibles												
All Ages	151,857	23.1	1,592,367	0.1	8	856	0.1	8,617	0.5	63	658,026	5,565,571
5 and younger	62,238	35.3	654,605	0.1	6	1	0.0	11	0.1	3	176,130	1,576,832
6-14	35,961	22.2	389,722	0.1	9	2	0.0	23	0.4	288	162,096	1,504,069
15-20	19,510	20.5	205,166	0.2	10	4	0.0	48	0.3	704	95,123	800,341
21-44	30,785	14.9	308,294	0.2	10	381	0.2	3,829	0.4	50	207,232	1,547,342
45-64	2,975	19.6	30,243	0.2	13	304	2.0	2,892	0.5	58	15,162	121,438
65-74	101	15.4	1,112	0.2	10	32	4.9	327	0.6	70	657	4,938
75-84	169	19.3	1,879	0.2	11	71	8.1	817	0.7	79	875	6,704
85 and older	118	15.7	1,346	0.2	15	61	8.1	670	0.7	81	751	3,907
Male												
All Males	118,382	22.6	1,264,412	0.2	8	3,048	0.6	31,154	0.6	705	524,669	4,736,243
Male, Disabled												
All Ages	19,260	24.2	219,397	0.2	11	2,479	3.1	25,905	0.6	604	79,703	800,454
5 and younger	2,148	37.8	24,622	0.2	8	17	0.3	200	0.8	10,039	5,680	57,990
6-14	4,342	26.6	50,174	0.1	8	30	0.2	336	1.2	18,262	16,298	176,831
15-20	2,890	26.4	33,467	0.2	11	21	0.2	210	0.6	11,843	10,961	117,720
21-44	4,342	20.9	49,447	0.2	13	218	1.0	2,321	0.5	1,492	20,804	206,942
45-64	5,530	21.3	61,629	0.2	15	2,190	8.5	22,815	0.6	68	25,912	240,770
65-74	8	17.0	58	0.2	4	2	4.3	11	0.3	35	47	189
75-84	0	0.0	0	0.0	0	1	100.0	12	0.2	21	1	12
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0

Nondual 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, 2005

Beneficiary Characteristics	DERMATOLOGICAL					MISC. HEMATOLOGICAL					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		
Male, Other Eligibles												
All Ages	99,122	22.3	1,045,015	0.1	8	569	0.1	5,249	0.6	1,205	444,966	3,935,789
5 and younger	58,650	32.4	614,024	0.1	6	19	0.0	195	0.7	7,533	180,802	1,616,252
6-14	26,567	16.4	288,165	0.1	8	16	0.0	171	0.6	7,112	162,466	1,507,493
15-20	10,686	16.1	112,641	0.2	13	18	0.0	169	0.4	10,642	66,479	580,162
21-44	2,299	8.1	20,945	0.2	13	181	0.6	1,535	0.5	1,052	28,475	183,987
45-64	720	12.7	6,982	0.2	17	233	4.1	2,020	0.6	70	5,652	39,928
65-74	72	16.4	815	0.2	10	35	8.0	399	0.6	54	440	3,392
75-84	87	19.9	971	0.2	12	49	11.2	551	0.7	83	437	3,271
85 and older	41	19.1	472	0.2	17	18	8.4	209	0.7	80	215	1,304
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	11	28

Source: Data for this table are from the MAX 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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

Nondual 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, 2005

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	\$593	8.3	987	10,708
Age				
0-64	616	8.5	838	9,143
65-74	525	7.3	28	303
75-84	458	7.8	55	580
85 and older	423	6.7	66	682
Unknown	0	0.0	0	0
Gender				
Female	602	8.6	584	6,336
Male	578	8.0	403	4,372
Unknown	0	0.0	0	0
Race				
White	601	8.5	425	4,547
African American	587	8.1	479	5,264
Other/unknown	581	9.2	83	897
Basis of Eligibility^c				
Aged	453	7.2	148	1,572
Disabled	617	8.5	838	9,134
Adults	0	0.0	1	2
Children	0	0.0	0	0
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2005 Medicaid enrollment. A total of 1,571 beneficiaries who were in nursing facilities for part of their enrollment and their 15,095 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 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, 2005

Therapeutic Category	Number of Rx per Benefit Month Among Users				\$ per Benefit Month Among Users				\$ per Rx				Users				
	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	Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months
Anti-infective Agents	0.5	0.2	0.1	0.3	\$62	\$43	\$9	\$9	\$115	\$239	\$175	\$31	4,181	\$482,300	702	71.1	7,825
Biologicals	0.1	0.1	0.0	0.0	10	9	0	1	116	162	0	23	3	347	3	0.3	36
Antineoplastic Agents	0.5	0.1	0.0	0.4	165	120	0	44	329	933	0	119	248	81,614	45	4.6	496
Endocrine/Metabolic Drugs	1.4	0.7	0.2	0.5	81	66	7	8	59	98	35	17	6,754	397,592	438	44.4	4,907
Cardiovascular Agents	2.3	0.8	0.0	1.4	85	62	1	21	37	80	22	15	16,824	629,970	675	68.4	7,447
Respiratory Agents	0.8	0.5	0.1	0.3	54	45	4	5	67	97	69	18	4,191	282,554	474	48.0	5,271
Gastrointestinal Agents	1.3	0.5	0.1	0.8	87	63	2	22	66	134	39	28	9,073	597,961	624	63.2	6,891
Genitourinary Agents	0.6	0.4	0.0	0.2	45	33	1	12	73	92	52	47	1,393	101,959	205	20.8	2,246
CNS Drugs	1.9	1.0	0.0	0.9	190	166	1	23	98	160	68	26	15,593	1,534,748	734	74.4	8,096
Stimulants/Anti-obesity/Anorexia	0.7	0.2	0.1	0.4	43	35	3	5	62	174	48	13	111	6,926	15	1.5	160
Miscellaneous Psychological/Neurological Agents	1.0	1.0	0.0	0.0	206	205	0	1	211	211	0	144	1,131	238,504	108	10.9	1,157
Analgesics and Anesthetics	1.1	0.2	0.1	0.9	73	23	15	35	65	137	190	40	6,756	441,696	554	56.1	6,074
Neuromuscular Agents	1.6	0.4	0.2	1.0	120	61	11	49	77	170	61	47	9,732	751,062	558	56.5	6,245
Nutritional Products	0.8	0.0	0.0	0.8	16	1	1	14	19	31	16	19	2,837	54,100	309	31.3	3,456
Hematological Agents	1.4	0.4	0.3	0.7	117	103	5	9	84	268	14	13	5,542	463,584	361	36.6	3,978
Topical Products	0.7	0.3	0.1	0.3	37	26	3	8	55	84	58	26	4,657	257,477	605	61.3	6,880
Miscellaneous Products	0.2	0.1	0.0	0.2	16	13	0	3	73	217	56	17	213	15,632	86	8.7	984
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	10	0	0	0	40	0	0	0	162	6,535	56	5.7	630
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.	89,401	6,344,561	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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 2005. A total of 1,571 beneficiaries who were in nursing facilities for part of their enrollment and their 15,095 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 2005. 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.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

e. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. For information about this classification method, see Wolters Kluwer Health, <http://www.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

In North Carolina, 25,854.1 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.

Nondual Beneficiaries

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, 2005

Top 10 Drug Groups in Nursing Facilities	Total Medicaid Rx \$	Users		Among Users		Rx \$ per Benefit Month	Rx \$ per Benefit Month
		Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months per	Number of Rx per Benefit Month		
ANTIPSYCHOTICS	\$917,501	433	43.9	4,892	0.8	\$232	\$188
ANTICONVULSANT	590,597	620	62.8	6,971	1.0	88	85
ANTIDEPRESSANTS	471,660	787	79.7	8,855	0.8	66	53
ULCER DRUGS	413,167	625	63.3	7,012	0.8	76	59
ANTIDIABETIC	331,195	536	54.3	6,066	1.0	57	55
ANALGESICS - Narcotic	294,682	642	65.0	7,043	0.7	62	42
MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL	233,489	139	14.1	1,510	0.7	213	155
ANTHYPERLIPIDEMIC	213,349	249	25.2	2,768	0.8	97	77
ANTIVIRAL	206,944	78	7.9	906	0.4	516	228
ANTIASTHMATIC	192,681	410	41.5	4,619	0.5	86	42
Total	3,865,265	4,519		50,642	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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 2005. A total of 1,571 beneficiaries who were in nursing facilities for part of their enrollment and their 15,095 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispn.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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

Nondual 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, 2005

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	39,711	\$3,865,265	433	43.9	4,892	0.8	\$188	620	62.8	6,971	1.0	\$85
Female												
All Females	24,613	2,413,177	283	48.5	3,216	0.8	195	368	63.0	4,164	1.0	85
Female, Disabled												
All Ages	21,441	2,119,346	247	51.6	2,810	0.8	196	339	70.8	3,832	1.0	89
64 or younger	21,412	2,113,041	244	51.2	2,798	0.8	196	337	70.6	3,824	1.0	88
65-74	29	6,305	3	150.0	12	0.6	256	2	100.0	8	0.8	195
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	3,172	293,831	36	34.3	406	0.8	185	29	27.6	332	0.8	39
64 or younger	96	5,926	0	0.0	0	0.0	0	1	100.0	12	0.8	40
65-74	598	64,619	7	46.7	84	0.9	278	9	60.0	101	1.0	72
75-84	1,032	102,083	12	33.3	136	0.7	140	10	27.8	111	0.7	22
85 and older	1,446	121,203	17	32.1	186	0.9	175	9	17.0	108	0.7	26
Male												
All Males	15,098	1,452,088	150	37.2	1,676	0.8	174	252	62.5	2,807	1.0	85
Male, Disabled												
All Ages	13,639	1,335,335	136	37.9	1,526	0.8	173	232	64.6	2,590	1.0	86
64 or younger	13,639	1,335,335	136	37.9	1,526	0.8	173	232	64.6	2,590	1.0	86
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	1,459	116,753	14	31.8	150	0.7	179	20	45.5	217	1.2	74
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	467	38,542	7	63.6	84	0.6	185	11	100.0	132	1.2	62
75-84	691	52,504	5	26.3	51	0.7	150	4	21.1	48	1.3	98
85 and older	301	25,707	2	15.4	15	1.0	246	5	38.5	37	0.9	87
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 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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 2005. A total of 1,571 beneficiaries who were in nursing facilities for part of their enrollment and their 15,095 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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

TABLE ND.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, 2005

Beneficiary Characteristics	ANTIDEPRESSANTS					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	787	79.7	8,855	0.8	\$53	625	63.3	7,012	0.8	\$59	536	54.3	6,066	1.0	\$55
Female															
All Females	485	83.0	5,447	0.8	56	384	65.8	4,329	0.8	59	345	59.1	3,910	1.0	54
Female, Disabled															
All Ages	426	88.9	4,819	0.8	57	324	67.6	3,643	0.8	60	295	61.6	3,345	1.0	55
64 or younger	425	89.1	4,815	0.8	57	322	67.5	3,635	0.8	60	295	61.8	3,345	1.0	55
65-74	1	50.0	4	2.0	183	2	100.0	8	0.9	116	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	59	56.2	628	0.8	48	60	57.1	686	0.7	55	50	47.6	565	0.9	45
64 or younger	1	100.0	12	1.0	24	1	100.0	12	0.9	45	3	300.0	36	1.0	52
65-74	6	40.0	65	0.6	29	11	73.3	125	0.8	25	11	73.3	118	1.1	74
75-84	22	61.1	222	0.9	65	23	63.9	268	0.7	77	10	27.8	104	1.0	37
85 and older	30	56.6	329	0.8	42	25	47.2	281	0.7	49	26	49.1	307	0.8	37
Male															
All Males	302	74.9	3,408	0.8	50	241	59.8	2,683	0.8	58	191	47.4	2,156	0.9	56
Male, Disabled															
All Ages	274	76.3	3,095	0.8	49	217	60.4	2,413	0.8	60	170	47.4	1,920	0.9	56
64 or younger	274	76.3	3,095	0.8	49	217	60.4	2,413	0.8	60	170	47.4	1,920	0.9	56
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	28	63.6	313	0.9	50	24	54.5	270	0.7	43	21	47.7	236	0.9	60
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	36.4	48	1.0	68	3	27.3	36	0.8	25	5	45.5	60	0.9	37
75-84	17	89.5	186	0.9	47	14	73.7	159	0.7	48	13	68.4	140	1.0	69
85 and older	7	53.8	79	0.8	46	7	53.8	75	0.8	43	3	23.1	36	1.0	66
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 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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 2005. A total of 1,571 beneficiaries who were in nursing facilities for part of their enrollment and their 15,095 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispain.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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

TABLE ND.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, 2005

Beneficiary Characteristics	ANALGESICS - Narcotic					MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL					ANTIHYPERLIPIDEMIC				
	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	642	65.0	7,043	0.7	\$42	139	14.1	1,510	0.7	\$155	249	25.2	2,768	0.8	\$77
Female															
All Females	394	67.5	4,320	0.6	43	94	16.1	1,031	0.7	168	148	25.3	1,627	0.8	80
Female, Disabled															
All Ages	339	70.8	3,764	0.7	44	56	11.7	628	0.8	199	128	26.7	1,403	0.8	79
64 or younger	338	70.9	3,760	0.7	44	56	11.7	628	0.8	199	128	26.8	1,403	0.8	79
65-74	1	50.0	4	0.3	4	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	55	52.4	556	0.5	38	38	36.2	403	0.7	118	20	19.0	224	0.9	87
64 or younger	2	200.0	24	0.1	1	0	0.0	0	0.0	0	1	100.0	12	0.5	62
65-74	7	46.7	56	0.7	15	8	53.3	89	0.5	140	6	40.0	65	0.8	90
75-84	16	44.4	155	0.3	13	16	44.4	165	0.8	124	7	19.4	75	0.9	125
85 and older	30	56.6	321	0.7	57	14	26.4	149	0.7	99	6	11.3	72	1.1	50
Male															
All Males	248	61.5	2,723	0.7	40	45	11.2	479	0.7	127	101	25.1	1,141	0.8	72
Male, Disabled															
All Ages	221	61.6	2,452	0.7	42	35	9.7	387	0.6	128	88	24.5	994	0.8	71
64 or younger	221	61.6	2,452	0.7	42	35	9.7	387	0.6	128	88	24.5	994	0.8	71
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	27	61.4	271	0.6	21	10	22.7	92	0.8	120	13	29.5	147	0.8	83
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	36.4	48	1.3	69	0	0.0	0	0.0	0	4	36.4	48	0.5	51
75-84	12	63.2	137	0.5	11	5	26.3	51	0.7	106	7	36.8	75	0.9	97
85 and older	11	84.6	86	0.3	11	5	38.5	41	0.9	137	2	15.4	24	0.9	103
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 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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 2005. A total of 1,571 beneficiaries who were in nursing facilities for part of their enrollment and their 15,095 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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

TABLE ND.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, 2005

Beneficiary Characteristics	ANTIVIRAL					ANTIASTHMATIC					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	78	7.9	906	0.4	\$228	410	41.5	4,619	0.5	\$42	987	10,708
Female												
All Females	44	7.5	502	0.3	91	273	46.7	3,067	0.5	42	584	6,336
Female, Disabled												
All Ages	42	8.8	487	0.3	93	221	46.1	2,539	0.5	42	479	5,221
64 or younger	42	8.8	487	0.3	93	221	46.3	2,539	0.5	42	477	5,216
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	5
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	2	1.9	15	0.1	19	52	49.5	528	0.5	44	105	1,115
64 or younger	0	0.0	0	0.0	0	4	400.0	48	0.4	41	1	12
65-74	0	0.0	0	0.0	0	6	40.0	51	0.3	23	15	166
75-84	0	0.0	0	0.0	0	21	58.3	186	0.6	54	36	377
85 and older	2	3.8	15	0.1	19	21	39.6	243	0.4	42	53	560
Male												
All Males	34	8.4	404	0.6	399	137	34.0	1,552	0.5	40	403	4,372
Male, Disabled												
All Ages	30	8.4	356	0.7	452	128	35.7	1,444	0.5	41	359	3,913
64 or younger	30	8.4	356	0.7	452	128	35.7	1,444	0.5	41	359	3,913
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	4	9.1	48	0.1	8	9	20.5	108	0.4	27	44	459
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	2
65-74	2	18.2	24	0.1	10	4	36.4	48	0.7	51	11	132
75-84	0	0.0	0	0.0	0	4	21.1	48	0.1	3	19	203
85 and older	2	15.4	24	0.1	6	1	7.7	12	0.3	32	13	122
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 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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 2005. A total of 1,571 beneficiaries who were in nursing facilities for part of their enrollment and their 15,095 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, <http://www.medispain.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615> (October 26, 2007).

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

TABLE ND.11
USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D
AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC^{a,b}
NORTH CAROLINA, 2005

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	327,400	26.0	0.8	1,012,671	\$19	\$23,596,436	\$23	3.0	1,259,725
Age									
5 and younger	114,137	31.1	0.6	226,362	13	4,753,253	21	5.7	366,512
6-14	68,471	19.6	0.4	130,029	11	3,762,044	29	2.6	348,526
15-20	31,143	17.4	0.4	67,940	13	2,246,063	33	2.8	178,778
21-44	75,666	27.1	1.1	315,821	25	7,041,174	22	2.9	279,508
45-64	36,982	44.6	3.2	265,154	68	5,656,063	21	2.4	82,884
65-74	342	28.0	1.9	2,316	43	52,632	23	2.7	1,222
75-84	430	32.7	2.4	3,171	41	54,324	17	2.2	1,316
85 and older	229	23.7	1.9	1,878	32	30,883	16	2.5	968
Unknown	0	0.0	0.0	0	0	0	0	0.0	11
Basis of Eligibility^c									
Aged	1,078	29.6	2.1	7,638	39	140,883	18	2.4	3,645
Disabled	60,686	38.7	2.5	385,545	64	9,966,663	26	2.4	156,722
Adults	68,144	24.8	0.9	245,916	18	4,964,001	20	3.2	275,050
Children	197,492	24.0	0.5	373,572	10	8,524,889	23	4.0	824,308
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Gender									
Female	199,082	27.1	0.9	668,150	21	15,287,531	23	3.3	735,051
Male	128,318	24.5	0.7	344,521	16	8,308,905	24	2.6	524,674
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Race									
White	166,107	31.7	1.1	599,439	26	13,585,156	23	3.2	523,349
African American	106,022	20.4	0.5	266,191	12	6,116,421	23	2.4	520,423
Other/unknown	55,271	25.6	0.7	147,041	18	3,894,859	26	3.7	215,953
Use of Nursing Facilities^d									
Entire year	634	64.2	7.7	7,641	162	160,219	21	2.5	987
Part year	1,117	71.1	6.0	9,439	110	172,976	18	2.0	1,571
None	325,649	25.9	0.8	995,591	19	23,263,241	23	3.0	1,257,167
Maintenance Assistance Status									
Cash	136,819	30.0	1.3	582,919	30	13,762,469	24	2.7	456,312
Medically needy	1,513	38.9	1.9	7,209	37	143,394	20	2.0	3,891
Poverty related	158,775	23.3	0.5	344,906	12	7,990,548	23	3.7	680,297
Other/unknown	30,293	25.4	0.7	77,637	14	1,700,025	22	2.8	119,225

Source: Data for this table are from the MAX 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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 2005.

b. The statute establishing the Medicare Part D prescription program that started in 2006 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2006 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

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

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

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

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, 2005

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	\$23	\$0	\$1	11,095,854
Age						
5 and younger	0.1	1	21	0	0	3,289,710
6-14	0.0	1	29	0	0	3,271,877
15-20	0.0	1	33	0	0	1,565,326
21-44	0.1	3	22	0	1	2,178,491
45-64	0.3	7	21	0	3	766,324
65-74	0.3	6	23	0	2	8,845
75-84	0.3	5	17	0	1	10,023
85 and older	0.4	6	16	0	2	5,230
Unknown	0.0	0	0	0	0	28
Basis of Eligibility^c						
Aged	0.3	6	18	0	2	25,247
Disabled	0.2	6	26	0	2	1,594,466
Adults	0.1	2	20	0	1	2,018,554
Children	0.1	1	23	0	0	7,457,587
Unknown	0.0	0	0	0	0	0
Gender						
Female	0.1	2	23	0	1	6,359,595
Male	0.1	2	24	0	0	4,736,259
Unknown	0.0	0	0	0	0	0
Race						
White	0.1	3	23	0	1	4,446,220
African American	0.1	1	23	0	0	4,814,240
Other/unknown	0.1	2	26	0	0	1,835,394
Use of Nursing Facilities^d						
Entire year	0.7	15	21	0	7	10,708
Part year	0.6	11	18	0	4	15,095
None	0.1	2	23	0	1	11,070,051
Maintenance Assistance Status						
Cash	0.1	3	24	0	1	4,220,835
Medically needy	0.3	5	20	0	2	28,481
Poverty related	0.1	1	23	0	0	5,756,952
Other/unknown	0.1	2	22	0	0	1,089,586

Source: Data for this table are from the MAX 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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 2005.

b. The statute establishing the Medicare Part D prescription program that started in 2006 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2006 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

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

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

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, 2005

Drug Category	Number of Users	Rx \$ per User	Total Rx \$	Rx \$ as a Percentage of All Part D		Number Rx as a Percentage of All Part D	
				Excluded Rx \$	Total Number Rx.	\$ per Rx	Excluded Rx
All	380,796	\$62	\$23,596,436	100.0	1,012,671	\$23	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	650	21	13,547	0.1	1,032	13	0.1
Cough and cold medications	253,812	50	12,665,164	53.7	477,275	27	47.1
Vitamins and minerals	26,030	71	1,841,198	7.8	100,993	18	10.0
Non-prescription drugs	22,538	34	761,677	3.2	47,193	16	4.7
Barbiturates	2,066	60	124,701	0.5	15,965	8	1.6
Benzodiazepines	64,479	96	6,189,893	26.2	344,996	18	34.1
Other Part D Excl Rx Drugs	11,221	178	2,000,256	8.5	25,217	79	2.5

Source: Data for this table are from the MAX 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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 2005. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2005. A beneficiary who used drugs from two or more Part D excluded categories was counted as a user for each category. Therefore, the sum of users across drug categories may exceed the total number of individual users as noted on Table ND11.

b. Includes OTC drugs as well as prescription drugs.

c. The statute establishing the Medicare Part D prescription program that started in 2006 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2006 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

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

Nondual 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, 2005

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	1,267,243	3,648	157,070	276,555	829,970	0	11,597,386	26,132	1,656,478	2,116,525	7,798,251	0
Age												
5 and younger	368,429	0	9,592	5	358,832	0	3,386,747	0	98,983	12	3,287,752	0
6-14	351,297	0	24,041	91	327,165	0	3,460,577	0	272,594	398	3,187,585	0
15-20	179,965	6	17,211	20,333	142,415	0	1,648,436	17	192,300	139,675	1,316,444	0
21-44	280,922	84	43,908	235,383	1,547	0	2,279,575	477	464,255	1,808,410	6,433	0
45-64	83,110	198	62,187	20,724	1	0	797,121	1,421	627,751	167,937	12	0
65-74	1,223	1,083	125	15	0	0	9,172	8,578	524	70	0	0
75-84	1,318	1,313	4	1	0	0	10,315	10,255	48	12	0	0
85 and older	968	964	2	2	0	0	5,415	5,384	23	8	0	0
Unknown	11	0	0	1	10	0	28	0	0	3	25	0
Gender												
Female	739,375	2,550	77,176	241,723	417,926	0	6,650,092	17,857	824,794	1,873,934	3,933,507	0
Male	527,868	1,098	79,894	34,832	412,044	0	4,947,294	8,275	831,684	242,591	3,864,744	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	524,752	1,444	63,207	129,062	331,039	0	4,681,153	8,190	648,523	972,914	3,051,526	0
African American	525,313	1,496	65,033	117,880	340,904	0	5,009,637	12,573	695,692	974,683	3,326,689	0
Other/unknown	217,178	708	28,830	29,613	158,027	0	1,906,596	5,369	312,263	168,928	1,420,036	0
Use of Nursing Facilities^c												
Entire year	987	148	838	1	0	0	10,954	1,644	9,308	2	0	0
Part year	1,571	151	1,383	34	3	0	15,677	1,461	13,846	334	36	0
None	1,264,685	3,349	154,849	276,520	829,967	0	11,570,755	23,027	1,633,324	2,116,189	7,798,215	0
Maintenance Assistance Status												
Cash	458,917	1,608	122,118	165,156	170,035	0	4,398,053	13,340	1,357,770	1,359,600	1,667,343	0
Medically needy	3,892	135	1,258	1,924	575	0	29,542	600	11,015	13,654	4,273	0
Poverty related	684,147	1,905	33,669	61,527	587,046	0	6,026,745	12,192	287,597	328,310	5,398,646	0
Other/unknown	120,287	0	25	47,948	72,314	0	1,143,046	0	96	414,961	727,989	0
Managed Care (MC) Status												
Fee-for-service (FFS) all year	1,186,907	3,520	148,560	257,608	777,219	0	10,806,525	24,837	1,561,607	1,950,956	7,269,125	0
FFS part year, with Rx claims	54,090	96	7,247	14,733	32,014	0	560,817	1,036	81,840	136,469	341,472	0
FFS part year, no Rx claims	18,728	29	915	2,709	15,075	0	167,395	249	9,600	18,168	139,378	0
MC all year, with Rx claims	3,893	0	248	942	2,703	0	36,597	0	2,591	8,476	25,530	0
MC all year, no Rx claims	3,625	3	100	563	2,959	0	26,052	10	840	2,456	22,746	0

Source: Data for this table are from the MAX 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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, 2005

	Beneficiaries and Benefit Months in Cell J of Table 1		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months
All	1,267,243	11,597,386	1,259,725	11,095,854	0	501,532
Fee-for-service (FFS) all year	1,186,907	10,806,525	1,186,907	10,806,525	0	0
FFS part year, with Rx claims	54,090	560,817	54,090	220,304	0	340,513
FFS part year, with no Rx claims	18,728	167,395	18,728	69,025	0	98,370
Managed care (MC) all year, with Rx claims	3,893	36,597	0	0	0	36,597
MC all year, with no Rx claims	3,625	26,052	0	0	0	26,052

Source: Data for this table are from the MAX 2005 file for North Carolina, released by CMS in 10/2008. This table was produced on 04/23/2009.

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 Beneficiaries