

The Centers for Medicare & Medicaid Services' Office of Research, Development, and Information (ORDI) strives to make information available to all. Nevertheless, portions of our files including charts, tables, and graphics may be difficult to read using assistive technology.

Persons with disabilities experiencing problems accessing portions of any file should contact ORDI through e-mail at ORDI_508_Compliance@cms.hhs.gov.

**STATISTICAL COMPENDIUM:
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2006
NORTH CAROLINA**

LIST OF TABLES

OVERVIEW OF STUDY POPULATION

TABLE 1. OVERVIEW OF BENEFICIARY SELECTION CRITERIA FOR STUDY POPULATION

FOR ALL MEDICAID BENEFICIARIES

TABLE 2. CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY
TABLE 3. ANNUAL MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC
TABLE 4. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC
TABLE 5. AVERAGE MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC
TABLE 6. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY
TABLE 7. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP

FOR ALL NONDUAL BENEFICIARIES

TABLE ND.2. CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY
TABLE ND.3. ANNUAL MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC
TABLE ND.4. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC
TABLE ND.5. AVERAGE MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC
TABLE ND.6. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY
TABLE ND.7-7D. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP
TABLE ND.8. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS, BY BENEFICIARY CHARACTERISTIC
TABLE ND.9. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS, BY BRAND STATUS AND THERAPEUTIC CATEGORY
TABLE ND.10-10D. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY TOP 10 DRUG GROUP
TABLE ND.11. USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC
TABLE ND.12. USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D AMONG NONDUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC
TABLE ND.13. USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D FOR SELECTED DRUG CATEGORIES AMONG NONDUALS

FOR DUAL ELIGIBLE BENEFICIARIES

TABLE D.2. CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY
TABLE D.3. ANNUAL MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC
TABLE D.4. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC
TABLE D.5. AVERAGE MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC
TABLE D.6. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY
TABLE D.7-7D. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP
TABLE D.8. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS, BY BENEFICIARY CHARACTERISTIC
TABLE D.9. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS, BY BRAND STATUS AND THERAPEUTIC CATEGORY
TABLE D.10-10D. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY TOP 10 DRUG GROUP
TABLE D.11. USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D AMONG DUALS, BY BENEFICIARY CHARACTERISTIC
TABLE D.12. USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D AMONG DUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC
TABLE D.13. USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D FOR SELECTED DRUG CATEGORIES AMONG DUALS

SUPPLEMENTAL TABLES

SUPPLEMENTAL TABLE 1. MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES
SUPPLEMENTAL TABLE 1A. MEDICAID PHARMACY REIMBURSEMENT FOR DISABLED DUAL ELIGIBLE BENEFICIARIES UNDER AGE 65
SUPPLEMENTAL TABLE 1B. MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 65 AND OLDER
SUPPLEMENTAL TABLE 1C. MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 65 TO 74
SUPPLEMENTAL TABLE 1D. MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 75 TO 84
SUPPLEMENTAL TABLE 1E. MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 85 AND OLDER

APPENDIX TABLES

APPENDIX TABLE A.1. CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY, NONDUAL BENEFICIARIES
APPENDIX TABLE A.2. MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS, NONDUAL BENEFICIARIES
APPENDIX TABLE A.3. CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY, DUAL ELIGIBLE BENEFICIARIES
APPENDIX TABLE A.4. MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS, DUAL ELIGIBLE BENEFICIARIES

TABLE ND.2
CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a, b}
NONDUAL BENEFICIARIES, NORTH CAROLINA, 2006

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
All	1,332,881	3,473	157,429	291,639	880,340	0	12,407,215	24,836	1,681,716	2,315,314	8,385,349	0
Age												
5 and younger	401,485	0	9,153	3	392,329	0	3,826,989	0	97,202	11	3,729,776	0
6-14	362,958	0	24,599	82	338,277	0	3,555,085	0	279,791	279	3,275,015	0
15-20	189,469	2	18,387	22,855	148,225	0	1,748,007	11	206,231	167,369	1,374,396	0
21-44	290,826	73	42,989	246,265	1,499	0	2,427,206	464	461,375	1,959,240	6,127	0
45-64	84,792	214	62,157	22,421	0	0	826,272	1,456	636,464	188,352	0	0
65-74	1,183	1,038	137	8	0	0	8,811	8,161	599	51	0	0
75-84	1,232	1,226	4	2	0	0	9,442	9,398	38	6	0	0
85 and older	926	920	3	3	0	0	5,368	5,346	16	6	0	0
Unknown	10	0	0	0	10	0	35	0	0	0	35	0
Gender												
Female	776,977	2,418	76,600	255,087	442,872	0	7,114,161	17,083	827,671	2,042,124	4,227,283	0
Male	555,904	1,055	80,829	36,552	437,468	0	5,293,054	7,753	854,045	273,190	4,158,066	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	547,140	1,349	63,344	135,250	347,197	0	5,014,607	7,909	660,719	1,070,788	3,275,191	0
African American	537,330	1,446	65,546	123,517	346,821	0	5,143,330	11,870	708,804	1,046,662	3,375,994	0
Other/unknown	248,411	678	28,539	32,872	186,322	0	2,249,278	5,057	312,193	197,864	1,734,164	0
Use of Nursing Facilities^c												
Entire year	977	146	830	1	0	0	11,070	1,679	9,390	1	0	0
Part year	1,583	123	1,430	27	3	0	15,858	1,253	14,308	264	33	0
None	1,330,321	3,204	155,169	291,611	880,337	0	12,380,287	21,904	1,658,018	2,315,049	8,385,316	0
Maintenance Assistance Status												
Cash	446,198	1,473	124,449	161,158	159,118	0	4,332,263	12,381	1,396,566	1,353,496	1,569,820	0
Medically needy	3,826	134	1,305	1,867	520	0	30,121	519	11,528	13,980	4,094	0
Poverty-related	750,421	1,863	31,669	62,672	654,217	0	6,772,421	11,912	273,603	346,482	6,140,424	0
Other/unknown	132,436	3	6	65,942	66,485	0	1,272,410	24	19	601,356	671,011	0
Managed Care (MC) Status												
Fee-for-service (FFS) all year	1,322,690	3,473	156,954	289,742	872,521	0	12,343,588	24,836	1,678,727	2,304,163	8,335,862	0
FFS part year, with Rx claims	6,459	0	394	1,454	4,611	0	42,614	0	2,577	9,120	30,917	0
FFS part year, no Rx claims	3,339	0	68	266	3,005	0	19,232	0	362	1,286	17,584	0

Source: Data for this table are from the MAX 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.

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.

Nondual Beneficiaries

TABLE ND.3
ANNUAL MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC^{a, b}
NONDUAL BENEFICIARIES, NORTH CAROLINA, 2006

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	67.8	8.7	\$645	\$74	\$3,965	16.3	1,332,881
Age							
5 and younger	69.7	4.5	242	54	2,169	11.2	401,485
6-14	62.4	5.2	455	87	2,783	16.3	362,958
15-20	63.9	6.1	478	78	4,170	11.5	189,469
21-44	70.8	11.9	878	74	5,164	17.0	290,826
45-64	81.4	38.4	2,959	77	12,855	23.0	84,792
65-74	42.2	10.5	646	62	6,580	9.8	1,183
75-84	29.8	3.6	198	55	6,566	3.0	1,232
85 and older	17.9	1.6	45	29	6,452	0.7	926
Unknown	10.0	0.2	1	6	115	1.0	10
Basis of Eligibility^e							
Aged	34.3	6.3	402	64	7,437	5.4	3,473
Disabled	81.2	30.4	2,898	95	16,320	17.8	157,429
Adults	69.1	9.5	543	57	3,208	16.9	291,639
Children	65.1	4.5	277	61	1,992	13.9	880,340
Unknown	0.0	0.0	0	0	0	0.0	0
Gender							
Female	69.5	9.6	643	67	3,722	17.3	776,977
Male	65.3	7.5	649	87	4,304	15.1	555,904
Unknown	0.0	0.0	0	0	0	0.0	0
Race							
White	73.9	11.4	841	74	4,416	19.1	547,140
African American	64.6	7.1	520	73	3,852	13.5	537,330
Other/unknown	61.2	6.2	485	78	3,216	15.1	248,411
Use of Nursing Facilities^f							
Entire year	86.9	85.2	6,082	71	61,675	9.9	977
Part year	94.3	67.2	5,331	79	59,566	8.9	1,583
None	67.7	8.6	636	74	3,856	16.5	1,330,321
Maintenance Assistance Status							
Cash	74.2	15.0	1,226	82	6,618	18.5	446,198
Medically needy	78.4	20.7	1,700	82	14,678	11.6	3,826
Poverty related	64.4	5.2	325	63	2,476	13.1	750,421
Other/unknown	64.4	7.1	471	67	3,153	14.9	132,436

Source: Data for this table are from the MAX 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.

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 ten states (DE, IA, IL, NC, NE, NY, TN, 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 ten states (DE, IA, IL, NC, NE, NY, TN, 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, 2006

Beneficiary Characteristics	Number of Rx, Percentage with:										Number		
	Mean Number of Rx	Mean Rx \$ of All Medicaid FFS \$ ^c	Rx \$ as a Percentage of All Medicaid FFS \$ ^c		More than 0, but 1 or More than 1, but 2 or Less		More than 2, but 5 or 5, but 10 or Less		More than 10		Mean \$, All Medicaid FFS \$ ^d	Beneficiaries	Benefit Months
			None	Less	Less	Less	Less	Less					
All	0.9	\$69	16.3	32.2	52.0	6.9	6.2	2.1	0.5	426	1,332,881	12,407,215	
Age													
5 and younger	0.5	25	11.2	30.3	63.7	4.4	1.5	0.1	0.0	228	401,485	3,826,989	
6-14	0.5	46	16.3	37.6	52.9	5.4	3.6	0.4	0.0	284	362,958	3,555,085	
15-20	0.7	52	11.5	36.1	52.1	6.8	4.3	0.7	0.1	452	189,469	1,748,007	
21-44	1.4	105	17.0	29.2	44.2	11.2	11.6	3.3	0.5	619	290,826	2,427,206	
45-64	3.9	304	23.0	18.6	20.0	11.3	25.9	18.3	5.8	1,319	84,792	826,272	
65-74	1.4	87	9.8	57.8	22.2	5.7	7.4	5.4	1.4	883	1,183	8,811	
75-84	0.5	26	3.0	70.2	23.4	2.9	2.4	0.9	0.2	857	1,232	9,442	
85 and older	0.3	8	0.7	82.1	15.6	1.3	0.6	0.4	0.0	1,113	926	5,368	
Unknown	0.1	0	1.0	90.0	10.0	0.0	0.0	0.0	0.0	33	10	35	
Basis of Eligibility^e													
Aged	0.9	56	5.4	65.7	21.6	4.3	5.2	2.6	0.5	1,040	3,473	24,836	
Disabled	2.9	271	17.8	18.8	31.5	11.6	21.4	12.9	3.8	1,528	157,429	1,681,716	
Adults	1.2	68	16.9	30.9	45.8	10.8	10.1	2.2	0.2	404	291,639	2,315,314	
Children	0.5	29	13.9	34.9	57.8	4.9	2.3	0.2	0.0	209	880,340	8,385,349	
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	
Gender													
Female	1.0	70	17.3	30.5	52.0	7.5	6.8	2.5	0.6	407	776,977	7,114,161	
Male	0.8	68	15.1	34.7	51.9	6.2	5.4	1.6	0.3	452	555,904	5,293,054	
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	
Race													
White	1.2	92	19.1	26.1	52.0	9.0	8.9	3.2	0.8	482	547,140	5,014,607	
African American	0.7	54	13.5	35.4	52.2	5.9	4.7	1.5	0.3	402	537,330	5,143,330	
Other/unknown	0.7	54	15.1	38.8	51.4	4.6	3.6	1.3	0.3	355	248,411	2,249,278	
Use of Nursing Facilities^f													
Entire year	7.5	537	9.9	13.1	7.7	3.0	15.3	33.5	27.5	5,443	977	11,070	
Part year	6.7	532	8.9	5.7	10.3	7.2	25.6	31.6	19.5	5,946	1,583	15,858	
None	0.9	68	16.5	32.3	52.0	6.9	6.2	2.1	0.5	414	1,330,321	12,380,287	
Maintenance Assistance Status													
Cash	1.5	126	18.5	25.8	46.9	9.6	11.6	4.9	1.2	682	446,198	4,332,263	
Medically needy	2.6	216	11.6	21.6	30.7	13.9	22.2	9.4	2.3	1,864	3,826	30,121	
Poverty related	0.6	36	13.1	35.6	55.4	5.2	3.0	0.7	0.1	274	750,421	6,772,421	
Other/unknown	0.7	49	14.9	35.6	50.1	7.6	5.8	0.9	0.1	328	132,436	1,272,410	

Source: Data for this table are from the MAX 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 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 ten states (DE, IA, IL, NC, NE, NY, TN, 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 ten states (DE, IA, IL, NC, NE, NY, TN, 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, 2006

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	\$69	\$74	0.4	\$53	\$147	0.0	\$4	\$104	0.5	\$12	\$23
Age												
5 and younger	0.5	25	54	0.2	18	120	0.0	1	47	0.3	6	21
6-14	0.5	46	87	0.3	39	142	0.0	1	76	0.2	6	26
15-20	0.7	52	78	0.3	40	152	0.0	3	117	0.4	9	23
21-44	1.4	105	74	0.5	79	161	0.1	8	136	0.9	18	21
45-64	3.9	304	77	1.6	231	148	0.2	19	115	2.2	53	24
65-74	1.4	87	62	0.5	64	118	0.1	5	85	0.8	18	22
75-84	0.5	26	55	0.1	20	139	0.0	1	78	0.3	5	14
85 and older	0.3	8	29	0.1	5	77	0.0	1	59	0.2	2	12
Unknown	0.1	0	6	0.0	0	0	0.0	0	0	0.1	0	6
Basis of Eligibility^d												
Aged	0.9	56	64	0.3	41	136	0.0	5	149	0.5	10	18
Disabled	2.9	271	95	1.2	217	183	0.1	15	120	1.5	39	26
Adults	1.2	68	57	0.4	48	123	0.0	6	136	0.8	14	19
Children	0.5	29	61	0.2	22	115	0.0	1	61	0.3	6	22
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Gender												
Female	1.0	70	67	0.4	52	135	0.0	5	112	0.6	13	22
Male	0.8	68	87	0.3	55	165	0.0	3	90	0.4	11	25
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Race												
White	1.2	92	74	0.5	70	142	0.1	6	113	0.7	16	23
African American	0.7	54	73	0.3	43	148	0.0	3	97	0.4	9	22
Other/unknown	0.7	54	78	0.3	42	165	0.0	3	86	0.4	9	23
Use of Nursing Facilities^e												
Entire year	7.5	537	71	2.6	395	154	0.4	27	70	4.6	114	25
Part year	6.7	532	79	2.3	387	168	0.3	31	102	4.1	114	28
None	0.9	68	74	0.4	53	147	0.0	4	105	0.5	12	23
Maintenance Assistance Status												
Cash	1.5	126	82	0.6	99	164	0.1	7	116	0.9	20	23
Medically needy	2.6	216	82	0.9	163	175	0.1	15	142	1.6	39	24
Poverty related	0.6	36	63	0.2	27	121	0.0	2	86	0.3	7	22
Other/unknown	0.7	49	67	0.3	38	128	0.0	3	91	0.4	9	21

Source: Data for this table are from the MAX 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 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, 0.1 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.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, 2006

Therapeutic Category	Number of Rx per Benefit Month Among Users			\$ per Benefit Month Among Users			\$ per Rx			Users ^e							
	Total	Patented Brand-Name	Off-Patent Brand-Name	Total	Patented Brand-Name	Off-Patent Brand-Name	Total	Patented Brand-Name	Off-Patent Brand-Name	Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All Beneficiaries				
		Generic	Generic		Generic	Generic		Generic	Number of Benefit Months								
Anti-infective Agents	0.2	0.0	0.0	0.2	\$15	\$9	\$1	\$5	\$60	\$197	\$55	\$25	1,519,589	\$91,608,980	595,783	44.7	6,293,953
Biologicals	0.3	0.3	0.0	0.0	477	477	0	0	1398	1,401	410	15	13,257	18,535,699	4,154	0.3	38,854
Antineoplastic Agents	0.5	0.1	0.0	0.3	139	123	1	16	310	955	249	50	22,747	7,041,205	4,774	0.4	50,483
Endocrine/Metabolic Drugs	0.4	0.1	0.0	0.2	23	17	1	5	58	113	44	24	944,648	54,880,552	226,168	17.0	2,382,167
Cardiovascular Agents	1.0	0.4	0.0	0.6	46	34	3	9	45	81	86	16	1,195,725	54,230,090	110,572	8.3	1,173,293
Respiratory Agents	0.4	0.2	0.0	0.2	25	20	1	4	61	93	43	24	2,104,075	128,080,609	486,249	36.5	5,174,430
Gastrointestinal Agents	0.4	0.3	0.0	0.1	49	38	7	3	117	152	527	22	624,244	72,998,205	142,575	10.7	1,504,796
Genitourinary Agents	0.2	0.1	0.0	0.1	12	7	2	3	56	84	90	28	136,373	7,580,084	61,658	4.6	636,196
CNS Drugs	0.7	0.3	0.0	0.4	80	67	6	7	107	200	116	20	1,424,539	152,671,550	180,075	13.5	1,904,086
Stimulants/Anti-obesity/Anorexia	0.6	0.6	0.0	0.1	72	70	1	2	114	125	132	26	419,859	47,691,609	60,500	4.5	659,019
Miscellaneous Psychological/Neurological Agents	0.3	0.2	0.0	0.0	84	78	0	6	329	370	83	137	25,277	8,315,469	9,119	0.7	98,843
Analgesics and Anesthetics	0.4	0.0	0.0	0.4	19	9	2	7	45	218	240	20	1,285,018	58,356,081	304,462	22.8	3,150,636
Neuromuscular Agents	0.6	0.2	0.0	0.3	58	44	3	12	98	190	114	34	674,227	65,757,019	105,656	7.9	1,129,818
Nutritional Products	0.3	0.1	0.0	0.2	5	2	0	3	17	30	17	13	222,593	3,814,231	76,616	5.7	766,961
Hematological Agents	0.4	0.2	0.0	0.2	125	118	1	6	303	746	31	27	133,234	40,342,414	31,389	2.4	323,994
Topical Products	0.2	0.1	0.0	0.1	11	8	0	3	50	102	63	21	814,364	40,914,547	354,499	26.6	3,794,331
Miscellaneous Products	0.5	0.3	0.0	0.2	208	184	8	16	439	728	304	82	14,870	6,526,650	2,874	0.2	31,373
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	10	0	0	0	66	0	0	0	11,486	762,413	6,755	0.5	74,631
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.	11,586,125	860,107,407	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 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, 0.1 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.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 2006.
 Benef(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, 2006

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	\$96,799,516	60,858	4.6	677,282	0.5	\$273	\$143
ANTIASTHMATIC	72,852,665	299,407	22.5	3,256,808	0.3	86	22
ANTICONVULSANT	58,893,702	75,179	5.6	820,697	0.6	129	72
ULCER DRUGS	53,989,512	124,685	9.4	1,318,023	0.4	113	41
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	47,691,383	71,281	5.3	781,927	0.5	114	61
ANTIDEPRESSANTS	42,960,148	139,396	10.5	1,479,613	0.4	71	29
ANTIVIRAL	36,638,546	41,655	3.1	448,538	0.2	361	82
ANALGESICS - Narcotic	32,141,834	343,167	25.7	3,597,082	0.2	38	9
MISC. HEMATOLOGICAL	31,570,907	6,996	0.5	76,004	0.6	752	415
DERMATOLOGICAL	28,963,685	322,738	24.2	3,509,160	0.1	55	8
Total	502,501,898	1,485,362	n.a.	15,965,134	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.

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 2006. 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 2006. 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 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, 2006

Beneficiary Characteristics	All Top 10 Drug Groups		ANTIPSYCHOTICS					ANTI-ASTHMATIC				
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes Among Users	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes Among Users	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month
All	4,679,804	\$502,501,898	60,858	4.6	677,282	0.5	\$143	299,407	22.5	3,256,808	0.3	\$22
Female												
All Females	2,805,220	267,521,072	33,169	4.3	367,117	0.5	129	155,538	20.0	1,688,340	0.3	22
Female, Disabled												
All Ages	1,196,108	143,735,933	18,971	24.8	217,774	0.6	161	35,366	46.2	406,885	0.4	35
5 and younger	16,056	1,601,287	48	1.3	570	0.5	123	1,760	47.8	20,525	0.3	27
6-14	64,716	8,765,931	1,177	15.0	13,641	0.6	152	2,936	37.4	34,343	0.3	31
15-20	54,888	7,556,710	1,398	21.4	16,183	0.5	148	1,759	26.9	20,587	0.3	25
45-64	342,537	45,632,060	7,465	33.2	85,680	0.5	154	8,162	36.3	94,298	0.3	29
45-64	717,520	80,146,126	8,876	24.7	101,654	0.6	170	20,729	57.6	237,003	0.4	40
65-74	391	33,819	7	9.3	46	0.5	134	20	26.7	129	0.4	36
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	1,609,112	123,785,139	14,198	2.0	149,343	0.4	82	120,172	17.2	1,281,455	0.2	18
5 and younger	226,358	13,648,526	145	0.1	1,650	0.4	80	40,760	21.1	447,363	0.2	16
6-14	300,528	27,062,851	2,371	1.4	26,434	0.5	113	35,395	20.9	383,345	0.3	21
15-20	198,364	15,104,873	2,712	2.7	29,252	0.4	86	13,215	13.1	139,837	0.2	16
21-44	763,212	57,143,202	8,061	3.7	82,839	0.3	71	26,548	12.2	267,960	0.2	17
45-64	117,715	10,600,321	886	5.3	8,915	0.4	78	4,163	25.1	41,940	0.3	27
65-74	2,312	199,605	22	3.6	241	0.7	153	73	11.9	818	0.4	38
75-84	437	21,907	1	0.1	12	0.1	8	14	1.7	144	0.3	21
85 and older	186	3,854	0	0.0	0	0.0	0	4	0.6	48	0.2	11
Male												
All Males	1,874,584	234,980,826	27,689	5.0	310,165	0.6	160	143,869	25.9	1,568,468	0.3	23
Male, Disabled												
All Ages	876,030	140,836,084	18,526	22.9	211,553	0.6	183	25,705	31.8	292,500	0.4	35
5 and younger	27,808	4,752,464	177	3.2	2,049	0.4	102	3,233	59.1	37,679	0.3	30
6-14	160,592	34,039,658	3,886	23.2	45,098	0.6	155	7,231	43.2	84,417	0.3	30
15-20	93,802	16,481,724	2,994	25.3	34,854	0.6	173	2,762	23.3	32,014	0.3	32
21-44	232,955	41,916,950	6,787	33.1	77,080	0.6	204	3,124	15.2	35,473	0.4	31
45-64	360,608	43,811,866	4,670	17.8	52,370	0.6	184	9,342	35.7	102,796	0.5	44
65-74	264	33,419	12	19.4	102	0.4	63	12	19.4	109	0.5	57
75-84	1	3	0	0.0	0	0.0	0	1	50.0	12	0.1	0
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, 2006

Beneficiary Characteristics	All Top 10 Drug Groups		ANTIPSYCHOTICS					ANTIASTHMATIC				
	Number of Rx	Rx \$	Number of Users	Users	Number of	Mean	Mean Rx	Number of Users	Users	Number of	Mean	Mean Rx
				as % of All Benes	Benefit Months Among Users	Rx per Benefit Month	\$ per Benefit Month		as % of All Benes	Benefit Months Among Users	Rx per Benefit Month	\$ per Benefit Month
Male, Other Eligibles												
All Ages	998,554	94,144,742	9,163	1.9	98,612	0.5	111	118,164	24.9	1,275,968	0.2	20
5 and younger	278,060	19,554,586	436	0.2	5,002	0.4	80	57,615	29.0	630,694	0.2	18
6-14	451,900	46,513,861	4,697	2.8	52,256	0.5	122	47,232	27.9	508,149	0.3	22
15-20	138,440	16,121,855	2,711	3.8	29,025	0.5	109	9,970	14.1	105,458	0.3	19
21-44	95,492	8,683,373	1,097	3.7	10,140	0.3	83	2,335	7.9	21,669	0.3	21
45-64	33,432	3,169,820	212	3.5	2,086	0.4	91	960	15.8	9,494	0.3	33
65-74	620	50,663	5	1.2	58	0.6	138	18	4.2	176	0.5	39
75-84	444	39,951	5	1.2	45	0.5	129	26	6.2	240	0.3	32
85 and older	166	10,633	0	0.0	0	0.0	0	8	3.9	88	0.3	24
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 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 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 2006. 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 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.med-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 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, 2006

Beneficiary Characteristics	ANTICONVULSANT					ULCER DRUGS					STIMULANTS/ANTI-OBESITY/ANOREXIANTS				
	Number of Users	Users as %	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as %	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as %	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
		Benes		Benes	Benes		Benes		Benes	Benes		Benes			
All	75,179	5.6	820,697	0.6	\$72	124,685	9.4	1,318,023	0.4	\$41	71,281	5.3	781,927	0.5	\$61
Female															
All Females	49,657	6.4	539,706	0.5	66	85,600	11.0	907,465	0.4	42	22,241	2.9	243,882	0.5	59
Female, Disabled															
All Ages	24,391	31.8	278,841	0.6	84	30,291	39.5	346,651	0.5	62	4,245	5.5	49,263	0.5	67
5 and younger	453	12.3	5,217	0.6	91	716	19.4	7,755	0.4	34	86	2.3	1,019	0.3	47
6-14	1,588	20.2	18,426	0.8	142	772	9.8	9,044	0.5	50	2,250	28.6	26,129	0.6	67
15-20	1,435	21.9	16,654	0.8	139	1,016	15.5	11,762	0.4	38	876	13.4	10,262	0.5	62
21-44	8,362	37.2	95,891	0.7	93	8,052	35.8	93,132	0.4	53	548	2.4	6,270	0.5	67
45-64	12,544	34.9	142,583	0.6	65	19,714	54.8	224,836	0.5	68	485	1.3	5,583	0.5	75
65-74	9	12.0	70	0.7	52	21	28.0	122	0.6	57	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	25,266	3.6	260,865	0.4	46	55,309	7.9	560,814	0.3	29	17,996	2.6	194,619	0.5	57
5 and younger	653	0.3	7,275	0.4	72	7,890	4.1	75,342	0.2	14	740	0.4	8,377	0.3	32
6-14	1,853	1.1	20,286	0.5	79	5,561	3.3	60,926	0.2	19	12,484	7.4	136,089	0.5	58
15-20	2,822	2.8	30,044	0.4	57	7,599	7.6	80,119	0.2	19	2,553	2.5	27,582	0.4	54
21-44	17,518	8.0	178,256	0.4	39	29,486	13.5	296,612	0.3	34	1,973	0.9	20,010	0.4	56
45-64	2,345	14.1	24,176	0.4	44	4,626	27.9	46,201	0.4	55	246	1.5	2,561	0.5	76
65-74	43	7.0	493	0.5	28	94	15.3	1,042	0.5	51	0	0.0	0	0.0	0
75-84	20	2.5	221	0.5	12	34	4.2	371	0.5	29	0	0.0	0	0.0	0
85 and older	12	1.7	114	0.6	5	19	2.6	201	0.5	12	0	0.0	0	0.0	0
Male															
All Males	25,522	4.6	280,991	0.6	84	39,085	7.0	410,558	0.4	40	49,040	8.8	538,045	0.5	62
Male, Disabled															
All Ages	17,851	22.1	202,165	0.7	94	17,277	21.4	193,105	0.5	56	11,615	14.4	135,176	0.6	67
5 and younger	632	11.6	7,342	0.7	100	966	17.7	10,664	0.4	35	403	7.4	4,740	0.4	33
6-14	2,779	16.6	32,345	0.7	125	1,319	7.9	15,499	0.4	50	7,859	46.9	91,546	0.6	67
15-20	1,971	16.6	22,926	0.8	138	1,061	9.0	12,401	0.4	41	2,611	22.1	30,554	0.5	69
21-44	5,922	28.9	66,832	0.7	102	4,315	21.0	48,811	0.5	54	565	2.8	6,372	0.6	75
45-64	6,542	25.0	72,688	0.6	57	9,605	36.7	105,644	0.5	62	177	0.7	1,964	0.5	70
65-74	5	8.1	32	0.8	115	11	17.7	86	0.4	29	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

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, 2006

Beneficiary Characteristics	ANTICONVULSANT					ULCER DRUGS					STIMULANTS/ANTI-OBESITY/ANOREXIANTS				
	Number of Users	Users as %	Number of Benefit Months	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as %	Number of Benefit Months	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as %	Number of Benefit Months	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
		Benes		Among Users	Benes		Among Users		Benes	Among Users		Benes		Among Users	
Male, Other Eligibles															
All Ages	7,671	1.6	78,826	0.4	58	21,808	4.6	217,453	0.3	25	37,425	7.9	402,869	0.5	61
5 and younger	864	0.4	9,698	0.4	68	9,445	4.7	91,055	0.2	15	2,019	1.0	22,932	0.3	32
6-14	2,334	1.4	25,407	0.5	74	4,737	2.8	51,583	0.2	21	29,872	17.7	321,138	0.6	62
15-20	1,389	2.0	14,420	0.4	66	2,885	4.1	30,428	0.2	24	5,216	7.4	56,040	0.5	63
21-44	2,351	8.0	22,017	0.4	37	3,433	11.6	31,750	0.4	48	271	0.9	2,333	0.5	61
45-64	705	11.6	6,972	0.4	41	1,214	20.0	11,646	0.4	53	47	0.8	426	0.6	106
65-74	10	2.3	104	0.7	8	54	12.5	566	0.4	41	0	0.0	0	0.0	0
75-84	11	2.6	128	0.6	21	26	6.2	283	0.4	53	0	0.0	0	0.0	0
85 and older	7	3.4	80	0.4	25	14	6.9	142	0.5	30	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 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 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 2006. 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 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.med-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 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, 2006

Beneficiary Characteristics	ANTIDEPRESSANTS					ANTIVIRAL					ANALGESICS - Narcotic				
	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	139,396	10.5	1,479,613	0.4	\$29	41,655	3.1	448,538	0.2	\$82	343,167	25.7	3,597,082	0.2	\$9
Female															
All Females	105,565	13.6	1,114,553	0.4	29	26,189	3.4	279,201	0.2	71	252,947	32.6	2,640,984	0.2	8
Female, Disabled															
All Ages	38,143	49.8	434,590	0.5	35	4,891	6.4	55,811	0.4	205	58,550	76.4	671,515	0.3	20
5 and younger	14	0.4	168	0.5	26	109	3.0	1,251	0.2	63	311	8.4	3,632	0.1	1
6-14	796	10.1	9,231	0.5	23	305	3.9	3,620	0.3	79	1,051	13.4	12,376	0.1	2
15-20	1,510	23.1	17,620	0.5	30	286	4.4	3,322	0.2	87	2,249	34.4	26,438	0.2	5
21-44	12,709	56.6	145,624	0.4	34	2,104	9.4	23,958	0.4	223	19,551	87.0	225,712	0.3	18
45-64	23,101	64.2	261,858	0.5	37	2,086	5.8	23,654	0.4	229	35,361	98.3	403,164	0.4	22
65-74	13	17.3	89	0.7	44	1	1.3	6	0.2	12	27	36.0	193	0.5	30
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	67,422	9.6	679,963	0.3	26	21,298	3.0	223,390	0.2	38	194,397	27.8	1,969,469	0.2	5
5 and younger	123	0.1	1,383	0.2	10	4,332	2.2	48,727	0.1	6	6,057	3.1	68,514	0.1	1
6-14	3,475	2.1	38,357	0.4	20	4,379	2.6	47,742	0.1	17	11,643	6.9	128,329	0.1	1
15-20	9,305	9.3	97,916	0.3	21	2,723	2.7	28,309	0.2	28	32,513	32.3	338,040	0.1	2
21-44	48,111	22.0	478,248	0.3	26	9,215	4.2	91,900	0.2	62	132,710	60.8	1,317,737	0.2	5
45-64	6,329	38.2	63,197	0.4	33	644	3.9	6,661	0.3	139	11,342	68.4	115,436	0.3	11
65-74	67	10.9	732	0.5	36	4	0.7	39	0.1	10	107	17.4	1,131	0.4	17
75-84	11	1.4	118	0.2	5	1	0.1	12	0.1	6	25	3.1	282	0.2	10
85 and older	1	0.1	12	0.4	4	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Male															
All Males	33,831	6.1	365,060	0.4	28	15,466	2.8	169,337	0.2	99	90,220	16.2	956,098	0.2	11
Male, Disabled															
All Ages	19,762	24.4	221,495	0.5	31	4,482	5.5	49,625	0.5	284	35,797	44.3	399,293	0.3	18
5 and younger	54	1.0	646	0.3	9	209	3.8	2,441	0.2	32	571	10.4	6,683	0.1	1
6-14	2,015	12.0	23,495	0.5	23	538	3.2	6,284	0.2	55	1,824	10.9	21,441	0.1	1
15-20	2,000	16.9	23,244	0.5	33	243	2.1	2,841	0.2	93	2,727	23.0	32,041	0.1	2
21-44	6,397	31.2	71,482	0.5	32	1,640	8.0	17,694	0.5	330	10,979	53.5	122,403	0.3	16
45-64	9,290	35.5	102,587	0.5	31	1,850	7.1	20,345	0.6	373	19,681	75.2	216,628	0.4	24
65-74	6	9.7	41	0.4	11	2	3.2	20	0.7	447	15	24.2	97	0.5	41
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, 2006

Beneficiary Characteristics	ANTIDEPRESSANTS					ANTIVIRAL					ANALGESICS - Narcotic				
	Number of Users	Users	Number of	Mean	Mean Rx \$	Number of Users	Users	Number of	Mean	Mean Rx \$	Number of Users	Users	Number of	Mean	Mean Rx \$
		as %		Benefit Months			Rx per		Benefit Months			Rx per		Benefit Months	
		of All	Among Users	Benefit	per		of All	Among Users	Benefit	per		of All	Among Users	Benefit	per
		Benes		Month	Month		Benes		Month	Month		Benes		Month	Month
Male, Other Eligibles															
All Ages	14,069	3.0	143,565	0.4	24	10,984	2.3	119,712	0.1	22	54,423	11.5	556,805	0.2	5
5 and younger	218	0.1	2,471	0.3	9	4,637	2.3	52,169	0.1	6	8,966	4.5	100,840	0.1	1
6-14	4,400	2.6	48,388	0.4	20	4,507	2.7	48,907	0.1	12	11,918	7.0	131,285	0.1	1
15-20	3,743	5.3	39,482	0.4	25	1,111	1.6	11,795	0.1	33	13,793	19.6	144,272	0.1	2
21-44	4,338	14.7	40,007	0.3	26	545	1.8	5,032	0.3	144	15,948	54.0	143,668	0.3	13
45-64	1,348	22.3	12,993	0.4	29	182	3.0	1,785	0.4	315	3,736	61.7	36,106	0.4	15
65-74	7	1.6	79	0.6	34	2	0.5	24	0.1	9	37	8.6	395	0.2	6
75-84	11	2.6	101	0.4	32	0	0.0	0	0.0	0	22	5.3	222	0.2	2
85 and older	4	2.0	44	0.4	31	0	0.0	0	0.0	0	3	1.5	17	0.2	2
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 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 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 2006. 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 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.med-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 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, 2006

Beneficiary Characteristics	MISC. HEMATOLOGICAL					DERMATOLOGICAL						
	Number of Users	Users as % of All Benes Among	Number of Benefit Months Users	Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes Among	Number of Benefit Months Users	Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Beneficiaries	Number of Benefit Months
All	6,996	0.5	76,004	0.6	\$415	322,738	24.2	3,509,160	0.1	\$8	1,332,881	12,407,215
Female												
All Females	3,832	0.5	42,516	0.5	69	191,544	24.7	2,079,575	0.1	9	776,972	7,114,155
Female, Disabled												
All Ages	3,149	4.1	35,479	0.6	67	27,101	35.4	315,895	0.2	13	76,600	827,671
5 and younger	0	0.0	0	0.0	0	1,613	43.8	18,674	0.2	6	3,683	38,604
6-14	4	0.1	48	0.1	8	2,757	35.1	32,428	0.1	9	7,855	89,227
15-20	6	0.1	62	0.4	24	2,375	36.3	28,060	0.2	10	6,547	73,698
21-44	298	1.3	3,414	0.5	55	7,352	32.7	85,939	0.2	12	22,463	246,003
45-64	2,837	7.9	31,929	0.6	69	13,001	36.1	150,768	0.2	16	35,972	379,760
65-74	4	5.3	26	0.7	98	3	4.0	26	0.2	4	75	339
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	24
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	3	16
Female, Other Eligibles												
All Ages	683	0.1	7,037	0.4	76	164,443	23.5	1,763,680	0.1	8	700,372	6,286,484
5 and younger	4	0.0	48	0.6	3,004	71,099	36.8	766,961	0.1	5	193,448	1,839,594
6-14	4	0.0	38	0.1	326	38,735	22.9	425,725	0.1	9	169,288	1,641,191
15-20	9	0.0	102	0.2	163	20,319	20.2	217,951	0.2	11	100,588	895,846
21-44	336	0.2	3,491	0.4	50	30,855	14.1	317,116	0.1	10	218,327	1,752,424
45-64	311	1.9	3,155	0.5	56	3,378	20.4	35,319	0.2	14	16,577	142,176
65-74	13	2.1	150	0.6	70	47	7.6	514	0.2	16	615	4,923
75-84	5	0.6	47	0.2	25	9	1.1	93	0.1	10	809	6,379
85 and older	1	0.1	6	0.2	20	1	0.1	1	1.0	112	720	3,951
Male												
All Males	3,164	0.6	33,488	0.6	856	131,194	23.6	1,429,585	0.1	8	555,899	5,293,025
Male, Disabled												
All Ages	2,648	3.3	28,595	0.6	776	20,404	25.2	235,968	0.2	12	80,829	854,045
5 and younger	14	0.3	167	0.9	11,335	2,192	40.1	25,619	0.2	7	5,470	58,598
6-14	34	0.2	390	1.3	31,291	4,548	27.2	53,664	0.1	8	16,744	190,564
15-20	15	0.1	171	0.6	12,231	3,137	26.5	36,885	0.2	12	11,840	132,533
21-44	210	1.0	2,315	0.5	1,857	4,646	22.6	53,571	0.2	12	20,526	215,372
45-64	2,374	9.1	25,542	0.6	67	5,874	22.4	66,177	0.2	15	26,185	256,704
65-74	1	1.6	10	0.5	67	7	11.3	52	0.3	12	62	260
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	14
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, 2006

Beneficiary Characteristics	MISC. HEMATOLOGICAL					DERMATOLOGICAL						
	Number of Users	Users as % of All Benes Among	Number of Benefit Months	Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes Among	Number of Benefit Months	Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Beneficiaries	Number of Benefit Months
Male, Other Eligibles												
All Ages	516	0.1	4,893	0.5	1,321	110,790	23.3	1,193,617	0.1	7	475,070	4,438,980
5 and younger	27	0.0	297	0.4	3,198	67,012	33.7	719,646	0.1	5	198,884	1,890,193
6-14	26	0.0	298	0.5	6,318	28,972	17.1	317,912	0.1	8	169,071	1,634,103
15-20	24	0.0	253	0.3	9,847	11,693	16.6	125,904	0.2	13	70,494	645,930
21-44	189	0.6	1,734	0.5	573	2,325	7.9	22,183	0.2	15	29,510	213,407
45-64	233	3.8	2,131	0.5	63	758	12.5	7,655	0.2	16	6,058	47,632
65-74	9	2.1	92	0.5	55	21	4.9	213	0.2	8	431	3,289
75-84	6	1.4	64	0.6	76	5	1.2	58	0.2	3	419	3,025
85 and older	2	1.0	24	0.2	22	4	2.0	46	0.2	7	203	1,401
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	10	35

Sources: Data for this table are from the MAX 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 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 2006. 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 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.med-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 Beneficiaries

TABLE ND.8
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BENEFICIARY CHARACTERISTIC^a
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2006

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	\$537	7.5	977	11,070
Age				
0-64	626	8.7	830	9,390
65-74	159	2.9	26	300
75-84	9	0.4	58	657
85 and older	11	0.5	63	723
Unknown	0	0.0	0	0
Gender				
Female	539	7.6	543	6,198
Male	533	7.4	434	4,872
Unknown	0	0.0	0	0
Race				
White	553	7.9	389	4,342
African American	521	6.9	492	5,658
Other/unknown	556	8.9	96	1,070
Basis of Eligibility^c				
Aged	37	0.9	146	1,679
Disabled	626	8.7	830	9,390
Adults	160	2.0	1	1
Children	0	0.0	0	0
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2006 Medicaid enrollment. A total of 1,583 beneficiaries who were in nursing facilities for part of their enrollment and their 15,859 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 NO.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, 2006

Therapeutic Category	Number of Rx per Benefit Month Among Users				\$ per Benefit Month Among Users				\$ per Rx				Users		As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months	
	Patented Brand-Name	Patent-Off-Brand-Name	Generic	Total	Patented Brand-Name	Patent-Off-Brand-Name	Generic	Total	Patented Brand-Name	Patent-Off-Brand-Name	Generic	Total	Total Number of Rx	Total Rx \$			Number of Users
Anti-infective Agents	0.6	0.2	0.0	0.4	\$68	\$52	\$1	\$15	\$119	\$270	\$120	\$41	3,703	\$439,224	561	57.4	6,455
Biologicals	0.1	0.1	0.0	0.0	2	2	0	0	24	24	0	0	1	24	1	0.1	12
Antineoplastic Agents	0.6	0.1	0.0	0.5	283	260	0	23	470	1,884	0	49	196	92,141	29	3.0	326
Endocrine/Metabolic Drugs	1.4	0.7	0.1	0.6	96	81	5	9	67	110	51	16	6,334	426,829	387	39.6	4,437
Cardiovascular Agents	2.4	0.8	0.1	1.5	99	63	8	28	41	83	77	18	15,486	642,334	573	58.6	6,508
Respiratory Agents	0.8	0.4	0.0	0.4	56	46	1	9	70	109	67	25	3,699	258,677	403	41.2	4,605
Gastrointestinal Agents	1.3	0.4	0.0	0.9	81	60	3	17	62	140	155	20	8,792	541,069	591	60.5	6,721
Genitourinary Agents	0.7	0.3	0.1	0.2	43	27	8	8	66	87	92	30	1,330	87,519	175	17.9	2,045
CNS Drugs	1.9	0.9	0.1	1.0	186	157	10	20	98	184	102	21	14,972	1,463,381	684	70.0	7,859
Stimulants/Anti-obesity/Anorexia	0.6	0.2	0.0	0.4	67	61	0	6	114	272	0	17	105	11,995	15	1.5	180
Miscellaneous Psychological/Neurological Agents	0.9	0.9	0.0	0.0	224	221	0	3	242	244	0	157	774	187,354	71	7.3	836
Analgesics and Anesthetics	1.1	0.1	0.0	1.0	56	20	3	34	50	177	90	35	6,521	327,277	511	52.3	5,819
Neuromuscular Agents	1.6	0.4	0.1	1.1	121	76	3	42	78	187	46	39	9,500	738,250	532	54.5	6,111
Nutritional Products	0.7	0.0	0.0	0.7	13	1	0	13	18	21	14	18	2,379	42,535	278	28.5	3,207
Hematological Agents	1.3	0.3	0.2	0.9	107	90	2	14	80	294	14	16	4,892	390,772	326	33.4	3,669
Topical Products	0.7	0.2	0.1	0.3	39	23	9	8	60	105	71	25	4,233	254,117	562	57.5	6,491
Miscellaneous Products	0.3	0.1	0.0	0.2	48	43	0	5	143	435	2	22	232	33,132	59	6.0	692
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	14	0	0	0	68	0	0	0	75	5,099	32	3.3	365
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.	83,224	5,941,729	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 a. Table NO.9 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2006. A total of 1,583 beneficiaries who were in nursing facilities for part of their enrollment and their 15,858 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 2006. 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, 0.1 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.

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, 2006

Top 10 Drug Groups in Nursing Facilities	Users			Among Users			
	Total Medicaid Rx \$	Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month
ANTIPSYCHOTICS	\$922,067	376	38.5	4,384	0.9	\$241	\$210
ANTICONVULSANT	633,790	573	58.6	6,622	1.0	94	96
ANTIDEPRESSANTS	430,966	717	73.4	8,297	0.8	64	52
ULCER DRUGS	358,903	608	62.2	6,930	0.7	69	52
ANTIDIABETIC	339,007	472	48.3	5,482	1.0	61	62
ANTIHYPERTENSIVE	265,604	280	28.7	3,268	0.8	104	81
ANALGESICS - Narcotic	204,866	611	62.5	6,930	0.7	41	30
ANTIASTHMATIC	189,877	354	36.2	3,996	0.5	96	48
MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL	187,498	95	9.7	1,122	0.7	242	167
ANTIVIRAL	177,448	60	6.1	688	0.5	525	258
Total	3,710,026	4,146	n.a.	47,719	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 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 2006. A total of 1,583 beneficiaries who were in nursing facilities for part of their enrollment and their 15,858 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 2006. 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 2006 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 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, 2006

Beneficiary Characteristics	All Top 10 Drug Groups							ANTIPSYCHOTICS			ANTICONSULSANT		
	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	38,661	\$3,710,026	376	38.5	4,384	0.9	\$210	573	58.6	6,622	1.0	\$96	
Female													
All Females	22,293	2,186,549	221	40.7	2,587	0.9	229	328	60.4	3,799	1.0	99	
Female, Disabled													
All Ages	21,834	2,155,272	219	49.8	2,563	0.9	230	322	73.2	3,732	1.0	100	
64 or younger	21,834	2,155,272	219	49.8	2,563	0.9	230	322	73.2	3,732	1.0	100	
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	459	31,277	2	1.9	24	1.3	195	6	5.8	67	0.9	32	
64 or younger	1	110	0	0.0	0	0.0	0	0	0.0	0	0.0	0	
65-74	331	28,574	2	12.5	24	1.3	195	3	18.8	36	1.0	55	
75-84	48	920	0	0.0	0	0.0	0	1	2.8	12	0.8	5	
85 and older	79	1,673	0	0.0	0	0.0	0	2	4.0	19	0.9	7	
Male													
All Males	16,368	1,523,477	155	35.7	1,797	0.8	183	245	56.5	2,823	1.0	91	
Male, Disabled													
All Ages	16,155	1,506,475	152	39.0	1,771	0.8	183	242	62.1	2,787	1.0	92	
64 or younger	16,155	1,506,475	152	39.1	1,771	0.8	183	242	62.2	2,787	1.0	92	
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	213	17,002	3	6.8	26	0.7	177	3	6.8	36	0.9	17	
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	
65-74	126	11,350	1	11.1	12	1.1	293	2	22.2	24	0.9	6	
75-84	36	2,342	2	9.1	14	0.4	78	0	0.0	0	0.0	0	
85 and older	51	3,310	0	0.0	0	0.0	0	1	7.7	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 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 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 2006. A total of 1,583 beneficiaries who were in nursing facilities for part of their enrollment and their 15,858 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 2006. 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 2006 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); BGE = 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.108
 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, 2006

Beneficiary Characteristics	ANTIDEPRESSANTS						ULCER DRUGS					ANTIDIABETIC			
	Number of Users	Users as % of	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
		All-Year Nursing Facility Residents					All-Year Nursing Facility Residents								
All	717	73.4	8,297	0.8	\$52	608	62.2	6,930	0.7	\$52	472	48.3	5,482	1.0	\$62
Female															
All Females	389	71.6	4,528	0.8	55	332	61.1	3,798	0.8	50	290	53.4	3,341	1.0	62
Female, Disabled															
All Ages	384	87.3	4,468	0.8	55	317	72.0	3,618	0.8	52	285	64.8	3,281	1.0	62
64 or younger	384	87.3	4,468	0.8	55	317	72.0	3,618	0.8	52	285	64.8	3,281	1.0	62
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	5	4.9	60	0.6	58	15	14.6	180	0.8	21	5	4.9	60	1.1	48
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	5	31.3	60	0.6	58	4	25.0	48	1.0	29	5	31.3	60	1.1	48
75-84	0	0.0	0	0.0	0	4	11.1	48	0.8	18	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	7	14.0	84	0.7	18	0	0.0	0	0.0	0
Male															
All Males	328	75.6	3,769	0.8	48	276	63.6	3,132	0.7	54	182	41.9	2,141	1.0	61
Male, Disabled															
All Ages	325	83.3	3,738	0.8	48	267	68.5	3,037	0.7	54	181	46.4	2,129	1.0	61
64 or younger	325	83.5	3,738	0.8	48	267	68.6	3,037	0.7	54	181	46.5	2,129	1.0	61
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	6.8	31	0.7	49	9	20.5	95	0.8	37	1	2.3	12	1.8	141
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	2	22.2	24	0.8	62	2	22.2	24	1.1	50	1	11.1	12	1.8	141
75-84	1	4.5	7	0.4	5	3	13.6	30	0.6	14	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	4	30.8	41	0.7	46	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 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 a. Table ND.108 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2006. A total of 1,583 beneficiaries who were in nursing facilities for part of their enrollment and their 15,858 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 2006. 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 2006 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); BOC = 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, 2006

Beneficiary Characteristics	ANTHYPERLIPIDEMIC						ANALGESICS - Narcotic					ANTIASTHMATIC						
	Number of Users	Users as % of All-Year Nursing Facility Residents		Number of Benefit Months Among Users	Mean		Number of Users	Users as % of All-Year Nursing Facility Residents		Number of Benefit Months Among Users	Mean		Number of Users	Users as % of All-Year Nursing Facility Residents		Number of Benefit Months Among Users	Mean	
		Rx	Mean Rx \$		Rx	Mean Rx \$		Rx	Mean Rx \$		Rx	Mean Rx \$						
All	280	28.7	3,268	0.8	\$81	611	62.5	6,930	0.7	\$30	354	36.2	3,996	0.5	\$48			
Female																		
All Females	158	29.1	1,842	0.8	81	341	62.8	3,929	0.7	29	216	39.8	2,423	0.5	49			
Female, Disabled																		
All Ages	154	35.0	1,794	0.8	81	338	76.8	3,904	0.7	28	211	48.0	2,363	0.5	49			
64 or younger	154	35.0	1,794	0.8	81	338	76.8	3,904	0.7	28	211	48.0	2,363	0.5	49			
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	3.9	48	0.9	97	3	2.9	25	1.4	187	5	4.9	60	0.4	52			
64 or younger	0	0.0	0	0.0	0	1	100.0	1	1.0	110	0	0.0	0	0.0	0			
65-74	4	25.0	48	0.9	97	2	12.5	24	1.4	191	4	25.0	48	0.5	65			
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	2.8	12	0.1	2			
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	122	28.1	1,426	0.8	81	270	62.2	3,001	0.8	30	138	31.8	1,573	0.5	45			
Male, Disabled																		
All Ages	121	31.0	1,414	0.8	81	269	69.0	2,994	0.8	30	134	34.4	1,545	0.5	45			
64 or younger	121	31.1	1,414	0.8	81	269	69.2	2,994	0.8	30	134	34.4	1,545	0.5	45			
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	2.3	12	1.0	118	1	2.3	7	0.1	3	4	9.1	28	0.5	47			
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	11.1	12	1.0	118	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
75-84	0	0.0	0	0.0	0	1	4.5	7	0.1	3	3	13.6	21	0.5	38			
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	7.7	7	0.4	75			
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 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 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 2006. A total of 1,583 beneficiaries who were in nursing facilities for part of their enrollment and their 15,858 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 2006. 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 2006 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, 2006

MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL

ANTIVIRAL

Beneficiary Characteristics	Number of Users	Users as % of All-Year Nursing Facility Residents Among Users			Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents Among Users			Mean Rx \$	All-Year Nursing Facility Residents	Benefit Months Among All-Year Nursing Facility Residents
		Number of Users	Benefit Months	Mean Rx			Number of Users	Benefit Months	Mean Rx			
All	95	9.7	1,122	0.7	\$167	60	6.1	688	0.5	\$258	977	11,070
Female												
All Females	64	11.8	757	0.7	183	25	4.6	291	0.3	156	543	6,198
Female, Disabled												
All Ages	63	14.3	745	0.7	183	25	5.7	291	0.3	156	440	5,027
64 or younger	63	14.3	745	0.7	183	25	5.7	291	0.3	156	440	5,027
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	1.0	12	1.1	156	0	0.0	0	0.0	0	103	1,171
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	1
65-74	1	6.3	12	1.1	156	0	0.0	0	0.0	0	16	191
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	36	399
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	50	580
Male												
All Males	31	7.1	365	0.7	134	35	8.1	397	0.6	333	434	4,872
Male, Disabled												
All Ages	29	7.4	346	0.7	135	35	9.0	397	0.6	333	390	4,363
64 or younger	29	7.5	346	0.7	135	35	9.0	397	0.6	333	389	4,362
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	1
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	2	4.5	19	0.9	123	0	0.0	0	0.0	0	44	509
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	1	11.1	12	1.0	158	0	0.0	0	0.0	0	9	108
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	22	258
85 and older	1	7.7	7	0.9	63	0	0.0	0	0.0	0	13	143
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 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 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 2006. A total of 1,583 beneficiaries who were in nursing facilities for part of their enrollment and their 15,853 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 2006. 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 2006 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, 2006

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 Nonduval Rx \$	Total Number of Beneficiaries
All	301,106	22.6	0.7	923,759	\$13	\$17,229,250	\$19	2.0	1,332,881
Age									
5 and younger	101,058	25.2	0.5	186,235	9	3,754,312	20	3.9	401,485
6-14	62,633	17.3	0.3	114,684	7	2,574,648	22	1.6	362,958
15-20	29,926	15.8	0.3	64,630	9	1,713,208	27	1.9	189,469
21-44	70,095	24.1	1.0	294,411	17	4,926,334	17	1.9	290,826
45-64	36,724	43.3	3.1	260,089	50	4,209,907	16	1.7	84,792
65-74	259	21.9	1.2	1,388	18	21,411	15	2.8	1,183
75-84	261	21.2	1.2	1,447	15	18,632	13	7.6	1,232
85 and older	150	16.2	0.9	875	12	10,798	12	25.9	926
Unknown	0	0.0	0.0	0	0	0	0	0.0	10
Basis of Eligibility^c									
Aged	749	21.6	1.2	4,017	16	53,906	13	3.9	3,473
Disabled	58,745	37.3	2.4	370,183	42	6,626,865	18	1.5	157,429
Adults	62,908	21.6	0.8	228,432	13	3,648,446	16	2.3	291,639
Children	178,704	20.3	0.4	321,127	8	6,900,033	21	2.8	880,340
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Gender									
Female	183,258	23.6	0.8	611,789	14	11,132,708	18	2.2	776,977
Male	117,848	21.2	0.6	311,970	11	6,096,542	20	1.7	555,904
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Race									
White	154,973	28.3	1.0	558,507	18	9,767,114	17	2.1	547,140
African American	93,334	17.4	0.4	232,652	9	4,695,418	20	1.7	537,330
Other/unknown	52,799	21.3	0.5	132,600	11	2,766,718	21	2.3	248,411
Use of Nursing Facilities^d									
Entire year	616	63.1	7.7	7,569	105	103,028	14	1.7	977
Part year	1,069	67.5	5.4	8,599	82	129,070	15	1.5	1,583
None	299,421	22.5	0.7	907,591	13	16,997,152	19	2.0	1,330,321
Maintenance Assistance Status									
Cash	124,741	28.0	1.2	544,937	22	9,724,401	18	1.8	446,198
Medically needy	1,430	37.4	1.7	6,441	27	103,577	16	1.6	3,826
Poverty related	150,025	20.0	0.4	310,073	8	6,182,559	20	2.5	750,421
Other/unknown	24,910	18.8	0.5	62,308	9	1,218,713	20	2.0	132,436

Source: Data for this table are from the MAX 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 a. Table ND.11 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all nonduval Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2006.
 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, 2006

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	\$19	\$0	\$0	12,407,215
Age						
5 and younger	0.0	1	20	0	0	3,826,989
6-14	0.0	1	22	0	0	3,555,085
15-20	0.0	1	27	0	0	1,748,007
21-44	0.1	2	17	0	1	2,427,206
45-64	0.3	5	16	0	2	826,272
65-74	0.2	2	15	0	1	8,811
75-84	0.2	2	13	0	1	9,442
85 and older	0.2	2	12	0	1	5,368
Unknown	0.0	0	0	0	0	35
Basis of Eligibility^c						
Aged	0.2	2	13	0	1	24,836
Disabled	0.2	4	18	0	1	1,681,716
Adults	0.1	2	16	0	0	2,315,314
Children	0.0	1	21	0	0	8,385,349
Unknown	0.0	0	0	0	0	0
Gender						
Female	0.1	2	18	0	0	7,114,161
Male	0.1	1	20	0	0	5,293,054
Unknown	0.0	0	0	0	0	0
Race						
White	0.1	2	17	0	1	5,014,607
African American	0.0	1	20	0	0	5,143,330
Other/unknown	0.1	1	21	0	0	2,249,278
Use of Nursing Facilities^d						
Entire year	0.7	9	14	0	3	11,070
Part year	0.5	8	15	0	2	15,858
None	0.1	1	19	0	0	12,380,287
Maintenance Assistance Status						
Cash	0.1	2	18	0	1	4,332,263
Medically needy	0.2	3	16	0	1	30,121
Poverty related	0.0	1	20	0	0	6,772,421
Other/unknown	0.0	1	20	0	0	1,272,410

Source: Data for this table are from the MAX 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 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 2006.
 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, 2006

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	348,826	\$49	\$17,229,250	100.0	923,759	\$19	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	751	15	11,275	0.1	1,082	10	0.1	
Cough and cold medications	221,610	47	10,396,016	60.3	392,722	26	42.5	
Vitamins and minerals	24,648	57	1,411,597	8.2	93,883	15	10.2	
Non-prescription drugs	23,912	42	992,577	5.8	54,272	18	5.9	
Barbiturates	1,916	55	105,946	0.6	14,959	7	1.6	
Benzodiazepines	66,125	53	3,481,552	20.2	345,178	10	37.4	
Other Part D Excl Rx Drugs	9,864	84	830,287	4.8	21,663	38	2.3	

Source: Data for this table are from the MAX 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.
 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 2006. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2006. 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, 2006

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	1,333,796	3,473	157,443	291,786	881,094	0	12,455,990	24,836	1,684,106	2,323,051	8,423,997	0
Age												
5 and younger	401,658	0	9,153	3	392,502	0	3,842,572	0	97,283	11	3,745,278	0
6-14	363,338	0	24,599	82	338,657	0	3,572,197	0	280,235	279	3,291,683	0
15-20	189,676	2	18,389	22,860	148,425	0	1,755,132	11	206,503	167,748	1,380,870	0
21-44	290,960	73	42,995	246,392	1,500	0	2,434,514	464	462,075	1,965,844	6,131	0
45-64	84,813	214	62,163	22,436	0	0	827,919	1,456	637,357	189,106	0	0
65-74	1,183	1,038	137	8	0	0	8,811	8,161	599	51	0	0
75-84	1,232	1,226	4	2	0	0	9,442	9,398	38	6	0	0
85 and older	926	920	3	3	0	0	5,368	5,346	16	6	0	0
Unknown	10	0	0	0	10	0	35	0	0	0	35	0
Gender												
Female	777,463	2,418	76,605	255,218	443,222	0	7,141,689	17,083	828,766	2,049,275	4,246,565	0
Male	556,333	1,055	80,838	36,568	437,872	0	5,314,301	7,753	855,340	273,776	4,177,432	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	547,241	1,349	63,349	135,272	347,271	0	5,019,927	7,909	661,236	1,072,030	3,278,752	0
African American	537,952	1,446	65,554	123,629	347,323	0	5,178,152	11,870	710,303	1,052,458	3,403,521	0
Other/unknown	248,603	678	28,540	32,885	186,500	0	2,257,911	5,057	312,567	198,563	1,741,724	0
Use of Nursing Facilities^c												
Entire year	977	146	830	1	0	0	11,070	1,679	9,390	1	0	0
Part year	1,583	123	1,430	27	3	0	15,878	1,253	14,328	264	33	0
None	1,331,236	3,204	155,183	291,758	881,091	0	12,429,042	21,904	1,660,388	2,322,786	8,423,964	0
Maintenance Assistance Status												
Cash	446,497	1,473	124,450	161,253	159,321	0	4,351,165	12,381	1,398,287	1,358,888	1,581,609	0
Medically needy	3,826	134	1,305	1,867	520	0	30,186	519	11,554	14,010	4,103	0
Poverty related	750,962	1,863	31,682	62,694	654,723	0	6,797,647	11,912	274,246	347,150	6,164,339	0
Other/unknown	132,511	3	6	65,972	66,530	0	1,276,992	24	19	603,003	673,946	0
Managed Care (MC) Status												
Fee-for-service (FFS) all year	1,322,690	3,473	156,954	289,742	872,521	0	12,343,588	24,836	1,678,727	2,304,163	8,335,862	0
FFS part year, with Rx claims	6,459	0	394	1,454	4,611	0	71,874	0	4,500	15,310	52,064	0
FFS part year, no Rx claims	3,339	0	68	266	3,005	0	35,549	0	796	2,370	32,383	0
MC all year, with Rx claims	393	0	13	177	203	0	1,781	0	50	745	986	0
MC all year, no Rx claims	915	0	14	147	754	0	3,198	0	33	463	2,702	0

Source: Data for this table are from the MAX 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.

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, 2006

	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	1,333,796	12,455,990	1,332,881	12,407,215	0	48,775
Fee-for-service (FFS) all year	1,322,690	12,343,588	1,322,690	12,343,588	0	0
FFS part year, with Rx claims	6,459	71,874	6,459	42,614	0	29,260
FFS part year, with no Rx claims	3,339	35,549	3,339	19,232	0	16,317
Managed care (MC) all year, with Rx claims	393	1,781	393	1,781	0	0
MC all year, with no Rx claims	915	3,198	0	0	0	3,198

Source: Data for this table are from the MAX 2006 file for North Carolina, released by CMS in 6/2009. This table was produced on 02/12/2010.

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.

All Medicaid Beneficiaries