

**STATISTICAL COMPENDIUM:
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2001
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, 2001

Beneficiary Characteristics	No. of Benes							No. of Bene Mos						
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown		
All	1,087,370	3,168	134,201	260,861	689,140	0	9,236,491	20,334	1,387,849	1,783,291	6,045,017	0		
Age														
5 and younger	309,215	0	7,990	11	301,214	0	2,672,874	0	79,994	26	2,592,854	0		
6-14	302,974	1	20,849	108	282,016	0	2,786,438	11	231,092	456	2,554,879	0		
15-20	137,430	1	13,022	20,156	104,251	0	1,162,941	12	140,294	131,361	891,274	0		
21-44	266,478	6	40,979	223,852	1,641	0	1,966,588	72	423,539	1,537,029	5,948	0		
45-64	68,188	179	51,291	16,717	1	0	629,096	2,076	512,682	114,335	3	0		
65-74	1,084	1,005	66	13	0	0	7,870	7,567	230	73	0	0		
75-84	1,075	1,071	2	2	0	0	6,697	6,687	5	5	0	0		
85 and older	909	905	2	2	0	0	3,928	3,909	13	6	0	0		
Unknown	17	0	0	0	17	0	59	0	0	0	59	0		
Gender														
Female	647,028	2,163	68,186	229,688	346,991	0	5,383,656	13,301	717,424	1,600,427	3,052,504	0		
Male	440,342	1,005	66,015	31,173	342,149	0	3,852,835	7,033	670,425	182,864	2,992,513	0		
Unknown	0	0	0	0	0	0	0	0	0	0	0	0		
Race														
White	450,368	1,507	50,172	118,607	280,082	0	3,744,337	8,927	510,522	795,638	2,429,250	0		
African American	476,031	960	51,608	117,516	305,947	0	4,146,277	5,913	537,417	849,742	2,753,205	0		
Other/unknown	160,971	701	32,421	24,738	103,111	0	1,345,877	5,494	339,910	137,911	862,562	0		
Use of Nursing Facilities^c														
Entire year	801	108	691	1	1	0	8,879	1,179	7,688	1	11	0		
Part year	1,213	96	1,099	15	3	0	11,840	927	10,730	149	34	0		
None	1,085,356	2,964	132,411	260,845	689,136	0	9,215,772	18,228	1,369,431	1,783,141	6,044,972	0		
Maintenance Assistance Status														
Cash	513,795	1,577	107,506	183,241	221,471	0	4,447,373	11,592	1,170,924	1,306,749	1,958,108	0		
Medically needy	3,525	111	1,018	1,608	788	0	25,191	368	8,908	10,573	5,342	0		
Poverty-related	508,294	1,479	25,675	55,796	425,344	0	4,192,161	8,373	207,995	294,911	3,680,882	0		
Other/unknown	61,756	1	2	20,216	41,537	0	571,766	1	22	171,058	400,685	0		
Managed Care Status														
FFS all year	1,041,648	3,162	130,020	251,071	657,395	0	9,067,384	20,310	1,371,265	1,746,661	5,929,148	0		
FFS part year, with Rx claims	28,181	5	3,485	7,664	17,027	0	105,586	21	13,949	29,104	62,512	0		
FFS part year, no Rx claims	17,541	1	696	2,126	14,718	0	63,521	3	2,635	7,526	53,357	0		

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

- a. Table ND.2 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.
- c. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

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

TABLE ND.3

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC^{a,b}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	% with at Least One Rx	Mean No. of Rx	Mean Rx \$	\$ per Rx	Mean \$, All Services	Rx \$ as % of All Services	No. of Benes
All	63.5 %	7.1	\$383	\$54	\$2,785	13.7 %	1,087,370
Age							
5 and younger	66.3	3.9	146	37	1,802	8.1	309,215
6-14	55.8	3.8	218	57	1,592	13.7	302,974
15-20	59.6	4.7	256	55	2,704	9.5	137,430
21-44	67.0	9.2	525	57	3,719	14.1	266,478
45-64	80.7	31.8	1,868	59	8,971	20.8	68,188
65-74	51.3	16.2	800	49	4,844	16.5	1,084
75-84	42.9	19.1	885	46	4,505	19.6	1,075
85 and older	27.7	12.4	580	47	4,246	13.7	909
Unknown	0.0	0.0	0	0	0	0.0	17
Basis of Eligibility^c							
Aged	44.0	18.0	869	48	4,769	18.2	3,168
Disabled	79.7	25.0	1,743	70	11,385	15.3	134,201
Adults	65.5	6.9	302	44	2,279	13.3	260,861
Children	59.8	3.6	146	41	1,292	11.3	689,140
Unknown	0.0	0.0	0	0	0	0.0	0
Gender							
Female	65.6	7.8	393	51	2,659	14.8	647,028
Male	60.5	6.0	367	61	2,970	12.4	440,342
Unknown	0.0	0.0	0	0	0	0.0	0
Race							
White	68.8	8.7	477	55	3,098	15.4	450,368
African American	59.9	5.4	277	51	2,282	12.1	476,031
Other/unknown	59.8	7.3	432	59	3,395	12.7	160,971
Use of Nursing Facilities^d							
Entire year	94.8	67.8	4,028	59	46,325	8.7	801
Part year	97.3	59.4	3,986	67	47,425	8.4	1,213
None	63.5	7.0	376	54	2,703	13.9	1,085,356
Maintenance Assistance Status							
Cash	65.2	9.7	566	58	3,575	15.8	513,795
Medically needy	75.6	16.3	1,020	63	9,682	10.5	3,525
Poverty related	61.3	4.4	199	46	1,949	10.2	508,294
Other/unknown	67.8	6.6	334	50	2,696	12.4	61,756

Table ND3

Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

- a. Table ND.3 includes beneficiaries represented by Cell K of Table 1.
 - b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
 - c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
 - d. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.
- Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.4
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	Mean No. of Rx	Mean Rx \$	Rx \$ as % of All Services	No. of Rx, % with:					Mean \$, All Services	Benes	Bene Mos	
				None	More than 0, but 1 or Less	More than 1, but 2 or Less	More than 2, but 5 or Less	More than 5, but 10 or Less				More than 10
All	0.8	\$45	13.7 %	36.5 %	49.4 %	6.3 %	5.8 %	1.6 %	0.4 %	\$328	1,087,370	9,236,491
Age												
5 and younger	0.5	17	8.1	33.7	60.2	4.4	1.6	0.2	0.1	209	309,215	2,672,874
6-14	0.4	24	13.7	44.2	49.2	3.9	2.3	0.3	0.1	173	302,974	2,786,438
15-20	0.6	30	9.5	40.4	50.5	5.5	3.1	0.5	0.1	320	137,430	1,162,941
21-44	1.2	71	14.1	33.0	44.1	10.2	10.1	2.1	0.5	504	266,478	1,966,588
45-64	3.4	202	20.8	19.3	21.4	12.3	28.7	14.0	4.2	972	68,188	629,096
65-74	2.2	110	16.5	48.7	18.3	7.4	18.4	6.1	1.2	667	1,084	7,870
75-84	3.1	142	19.6	57.1	9.8	5.5	15.9	10.2	1.5	723	1,075	6,697
85 and older	2.9	134	13.7	72.3	4.3	3.1	11.4	8.4	0.6	983	909	3,928
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0	17	59
Basis of Eligibility^c												
Aged	2.8	135	18.2	56.0	11.3	6.0	16.4	9.0	1.4	743	3,168	20,334
Disabled	2.4	169	15.3	20.3	33.3	11.8	22.2	9.6	2.8	1,101	134,201	1,387,849
Adults	1.0	44	13.3	34.5	46.1	9.7	8.2	1.2	0.3	333	260,861	1,783,291
Children	0.4	17	11.3	40.2	53.9	4.0	1.6	0.2	0.0	147	689,140	6,045,017
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Gender												
Female	0.9	47	14.8	34.4	49.7	6.9	6.5	1.9	0.6	320	647,028	5,383,656
Male	0.7	42	12.4	39.5	48.9	5.5	4.7	1.2	0.3	339	440,342	3,852,835
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Race												
White	1.0	57	15.4	31.2	50.7	8.0	7.5	2.0	0.5	373	450,368	3,744,337
African American	0.6	32	12.1	40.1	49.2	5.0	4.2	1.1	0.3	262	476,031	4,146,277
Other/unknown	0.9	52	12.7	40.2	46.0	5.6	5.7	1.9	0.5	406	160,971	1,345,877
Use of Nursing Facilities^d												
Entire year	6.1	363	8.7	5.2	5.6	7.1	33.0	34.6	14.5	4,179	801	8,879
Part year	6.1	408	8.4	2.7	8.7	8.9	34.6	31.2	13.8	4,859	1,213	11,840
None	0.8	44	13.9	36.5	49.4	6.3	5.7	1.6	0.4	318	1,085,356	9,215,772
Maintenance Assistance Status												
Cash	1.1	65	15.8	34.8	45.4	7.6	8.7	2.7	0.7	413	513,795	4,447,373
Medically needy	2.3	143	10.5	24.4	34.6	13.2	19.6	6.8	1.4	1,355	3,525	25,191
Poverty related	0.5	24	10.2	38.7	53.0	4.8	2.8	0.6	0.2	236	508,294	4,192,161
Other/unknown	0.7	36	12.4	32.2	53.0	7.8	6.0	0.8	0.2	291	61,756	571,766

Table ND4

Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

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

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

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

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

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

TABLE ND.5
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC^{a, b, c}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	All Rx		Patented Brand-Name Drugs		Off-Patent Brand-Name Drugs		Generic Drugs	
	No. of Rx	Rx \$	No. of Rx	Rx \$	No. of Rx	Rx \$	No. of Rx	Rx \$
All	0.8	\$45	0.4	\$35	0.0	\$2	0.4	\$8
		\$ per Rx		\$ per Rx		\$ per Rx		\$ per Rx
Age								
5 and younger	0.5	17	0.2	13	0.0	1	0.2	3
6-14	0.4	24	0.2	19	0.0	1	0.2	4
15-20	0.6	30	0.3	24	0.0	2	0.3	5
21-44	1.2	71	0.6	55	0.1	4	0.6	12
45-64	3.4	202	1.7	157	0.2	12	1.5	34
65-74	2.2	110	1.1	84	0.1	6	1.0	20
75-84	3.1	142	1.4	104	0.3	10	1.4	28
85 and older	2.9	134	1.2	94	0.3	11	1.4	29
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Basis of Eligibility^d								
Aged	2.8	135	1.3	101	0.2	9	1.3	26
Disabled	2.4	169	1.2	133	0.2	10	1.0	25
Adults	1.0	44	0.4	34	0.0	2	0.5	8
Children	0.4	17	0.2	13	0.0	1	0.2	3
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Gender								
Female	0.9	47	0.4	36	0.1	3	0.4	8
Male	0.7	42	0.3	33	0.0	2	0.3	7
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
Race								
White	1.0	57	0.5	44	0.1	3	0.5	10
African American	0.6	32	0.3	25	0.0	2	0.3	5
Other/unknown	0.9	52	0.4	41	0.1	3	0.4	8
Use of Nursing Facilities^e								
Entire year	6.1	363	2.6	259	0.7	34	2.8	70
Part year	6.1	408	2.7	305	0.6	29	2.8	73
None	0.8	44	0.4	35	0.0	2	0.4	7
Maintenance Assistance Status								
Cash	1.1	65	0.5	51	0.1	4	0.5	11
Medically needy	2.3	143	1.1	112	0.2	8	1.1	23
Poverty related	0.5	24	0.2	19	0.0	1	0.2	4
Other/unknown	0.7	36	0.4	29	0.0	2	0.3	6

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

- 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, 0.4 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all combined. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- d. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
- e. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.6

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			\$ per Rx			Users						
	Total	Patented	Off-Patent	Total	Patented	Off-Patent	Total	Patented	Off-Patent	Total	Total No. of Rx	Total Rx \$	No.	As % of All Benes		
														Generic	Brand-Name	Generic
Anti-infective Agents	0.3	0.1	0.0	0.1	\$12	\$10	\$0	\$1	\$48	\$76	\$43	\$13	1,155,483	458,932	42.2	4,605,572
Biologicals	0.4	0.4	0.0	0.0	403	381	7	15	1014	1,000	1,097	1,488	8,997	2,671	0.2	22,659
Antineoplastic Agents	0.4	0.2	0.1	0.2	109	84	11	13	245	424	178	74	17,238	3,807	0.4	38,822
Endocrine/Metabolic Drugs	0.4	0.2	0.0	0.1	17	14	1	2	43	60	30	16	592,929	152,351	14.0	1,529,942
Cardiovascular Agents	1.0	0.5	0.0	0.5	37	26	1	10	37	57	36	20	771,209	76,534	7.0	779,577
Respiratory Agents	0.4	0.2	0.0	0.1	16	12	1	3	44	62	23	23	1,380,772	362,519	33.3	3,690,799
Gastrointestinal Agents	0.4	0.3	0.0	0.1	40	34	2	4	94	129	141	26	374,492	87,796	8.1	892,403
Genitourinary Agents	0.2	0.2	0.0	0.0	8	7	0	1	39	45	38	17	105,666	55,283	5.1	541,099
CNS Drugs	0.7	0.3	0.0	0.3	53	41	5	8	81	125	134	25	900,865	134,042	12.3	1,366,848
Stimulants/Anti-obesity/Anorexia	0.5	0.3	0.0	0.1	30	24	1	5	66	79	51	36	227,908	47,210	4.3	496,280
Miscellaneous Psychological/Neurological Agents	0.2	0.2	0.0	0.1	21	18	0	3	97	109	68	62	12,497	5,541	0.5	57,281
Analgesics and Anesthetics	0.4	0.1	0.0	0.3	17	12	1	4	42	112	69	14	904,247	233,213	21.4	2,290,443
Neuromuscular Agents	0.6	0.3	0.1	0.3	38	30	2	5	66	118	43	21	422,675	72,024	6.6	748,371
Nutritional Products	0.2	0.0	0.0	0.2	5	1	1	3	20	22	27	18	161,208	69,459	6.4	657,419
Hematological Agents	0.3	0.1	0.1	0.2	65	55	2	8	194	594	27	48	80,631	24,737	2.3	242,350
Topical Products	0.2	0.1	0.0	0.1	7	4	0	2	32	52	37	17	525,680	246,332	22.7	2,516,306
Miscellaneous Products	0.5	0.2	0.0	0.2	107	82	13	13	208	354	271	53	10,852	2,038	0.2	21,010
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	6	0	0	0	35	0	0	0	20,658	11,412	1.0	122,160
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.	7,674,007	416,022,572	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

a. Table ND.6 includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2001. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. For information about these therapeutic categories, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

d. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In North Carolina, 0.4 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP^{a, b, c}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Top 10 Drug Groups	Users					Among Users		
	Total Medicaid Rx \$	No. As	% of All Benes	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo	
ANTIPSYCHOTICS	\$33,122,475	33,088	3.0 %	363,649	0.5	\$177	\$91	
ULCER DRUGS	30,082,545	83,151	7.6	865,645	0.3	105	35	
ANTIDEPRESSANTS	29,167,036	102,087	9.4	1,060,460	0.4	72	28	
ANTIASTHMATIC	26,253,229	179,237	16.5	1,904,603	0.3	54	14	
ANTICONVULSANT	23,812,920	45,831	4.2	496,258	0.6	86	48	
ANALGESICS - Narcotic	17,963,509	232,334	21.4	2,366,015	0.2	34	8	
ANTIHISTAMINES	17,060,526	168,557	15.5	1,787,934	0.2	49	10	
ANTIVIRAL	14,737,970	18,024	1.7	186,831	0.3	278	79	
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	14,649,571	53,761	4.9	577,192	0.4	65	25	
ANALGESICS - ANTI-INFLAMMATORY	14,621,476	142,452	13.1	1,465,434	0.2	50	10	
Total	221,471,257	1,058,522		11,074,021	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

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 2001. 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 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7A
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BOE, AND AGE^{a,b,c}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIPSYCHOTICS				ULCER DRUGS			
	No. of Rx	Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	3,095,027	\$221,471,257	33,088	3.0 %	363,649	0.5	\$91	83,151	7.6 %	865,645	0.3	\$35
Female	1,956,588	133,423,080	18,238	2.8	199,851	0.5	82	58,627	9.1	612,117	0.3	35
Disabled	915,526	78,605,774	12,355	18.1	140,365	0.6	100	24,390	35.8	277,675	0.4	49
5 and younger	12,460	909,503	20	0.6	229	0.6	71	491	15.0	5,426	0.4	22
6-14	42,476	3,674,613	532	7.6	6,118	0.5	82	543	7.8	6,348	0.4	37
15-20	31,856	2,963,958	663	13.7	7,622	0.5	87	559	11.5	6,502	0.3	34
21-44	301,437	28,011,293	5,413	24.6	61,255	0.5	100	7,350	33.3	84,394	0.4	43
45-64	527,114	43,035,841	5,724	18.5	65,122	0.6	103	15,443	49.8	174,985	0.5	54
65-74	182	10,546	3	8.3	19	0.3	24	4	11.1	20	0.7	52
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	1	20	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Other Eligibles	1,041,062	54,817,306	5,883	1.0	59,486	0.3	40	34,237	5.9	334,442	0.2	23
5 and younger	94,821	3,899,850	64	0.0	673	0.3	36	3,617	2.4	32,881	0.2	8
6-14	170,084	9,884,392	998	0.7	11,001	0.4	56	2,690	1.9	29,251	0.2	13
15-20	125,979	5,597,569	941	1.2	9,896	0.3	38	4,079	5.3	42,284	0.2	13
21-44	574,672	30,284,504	3,412	1.7	33,154	0.3	33	20,675	10.4	199,114	0.3	26
45-64	66,101	4,521,404	329	2.6	3,231	0.3	50	2,806	22.4	26,829	0.4	39
65-74	3,197	214,983	43	7.1	483	0.7	84	141	23.2	1,587	0.4	39
75-84	4,071	268,326	57	7.7	620	0.5	54	142	19.2	1,559	0.5	49
85 and older	2,137	146,278	39	5.5	428	0.6	62	87	12.3	937	0.6	51
Male	1,138,439	88,048,177	14,850	3.4	163,798	0.6	102	24,524	5.6	253,528	0.3	35
Disabled	579,965	55,925,291	10,935	16.6	122,935	0.6	115	12,878	19.5	142,118	0.4	47
5 and younger	18,832	1,296,383	62	1.3	697	0.4	63	680	14.4	7,396	0.3	23
6-14	102,792	8,705,123	2,001	14.4	23,081	0.5	91	774	5.6	8,951	0.4	36
15-20	48,241	4,819,659	1,323	16.2	15,098	0.6	107	578	7.1	6,653	0.4	36
21-44	177,293	20,469,055	4,567	24.1	51,122	0.6	127	3,601	19.0	40,078	0.4	47
45-64	232,737	20,629,048	2,980	14.7	32,929	0.6	117	7,238	35.6	78,993	0.5	52
65-74	70	6,023	2	6.7	8	0.5	9	7	23.3	47	0.6	69
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
Other Eligibles	558,474	32,122,886	3,915	1.0	40,863	0.4	64	11,646	3.1	111,410	0.2	20
5 and younger	135,568	5,997,189	169	0.1	1,865	0.3	45	4,311	2.8	39,770	0.2	9
6-14	269,489	16,528,202	2,285	1.6	24,599	0.5	66	2,294	1.6	24,736	0.2	14
15-20	64,047	3,778,125	876	1.8	9,255	0.4	69	1,478	3.1	15,411	0.2	17
21-44	66,949	4,221,841	447	1.6	3,813	0.3	50	2,578	9.5	22,349	0.3	37
45-64	18,488	1,290,776	84	1.9	736	0.3	47	794	18.2	7,051	0.4	45
65-74	1,885	146,171	25	6.1	300	0.7	82	82	20.0	908	0.5	53
75-84	1,347	105,447	20	6.0	197	0.4	66	70	21.1	768	0.4	37
85 and older	701	55,135	9	4.6	98	0.5	61	39	19.8	417	0.6	70
Unknown	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table ND7A

Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

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 2001. 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 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7B
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BOE, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	ANTIDEPRESSANTS					ANTIASTHMATIC					ANTICONVULSANT				
	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean Rx	Mean No. of	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean Rx	Mean No. of	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean Rx	Mean No. of
All	102,087	9.4 %	1,060,460	\$28	0.4	179,237	16.5 %	1,904,603	0.3	\$14	45,831	4.2 %	496,258	0.6	\$48
Female	76,140	11.8	784,106	27	0.4	95,980	14.8	1,016,505	0.3	14	28,129	4.3	302,875	0.5	44
Disabled	29,326	43.0	331,441	33	0.5	25,807	37.8	294,382	0.4	22	16,773	24.6	190,750	0.6	54
5 and younger	24	0.7	279	15	0.5	1,495	45.6	17,169	0.3	20	385	11.7	4,337	0.7	77
6-14	740	10.6	8,630	29	0.4	1,984	28.4	23,052	0.3	21	1,272	18.2	14,742	0.7	79
15-20	973	20.1	11,190	35	0.4	948	19.5	10,991	0.3	17	987	20.3	11,351	0.8	86
21-44	11,179	50.7	126,583	33	0.4	6,895	31.3	78,994	0.3	18	6,709	30.4	76,270	0.6	58
45-64	16,404	52.9	184,729	34	0.5	14,471	46.7	164,090	0.4	24	7,418	23.9	84,042	0.6	41
65-74	6	16.7	30	32	0.5	14	38.9	86	0.7	34	2	5.6	8	0.6	13
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
Other Eligibles	46,814	8.1	452,665	23	0.3	70,173	12.1	722,123	0.2	11	11,356	2.0	112,125	0.4	27
5 and younger	103	0.1	1,122	9	0.2	24,636	16.6	259,428	0.2	9	401	0.3	4,185	0.4	28
6-14	3,364	2.4	36,649	21	0.3	17,510	12.4	187,655	0.2	12	1,065	0.8	11,479	0.5	37
15-20	5,875	7.7	60,073	20	0.3	7,386	9.7	76,426	0.2	10	1,217	1.6	12,312	0.4	35
21-44	33,721	17.0	318,921	23	0.3	18,298	9.2	175,958	0.2	11	7,745	3.9	74,921	0.4	24
45-64	3,522	28.1	33,398	27	0.4	2,109	16.8	20,088	0.3	17	841	6.7	8,283	0.4	27
65-74	74	12.2	842	26	0.5	95	15.7	1,025	0.4	21	29	4.8	334	0.6	25
75-84	92	12.4	1,019	32	0.6	101	13.6	1,156	0.4	22	36	4.9	382	0.8	34
85 and older	63	8.9	641	38	0.6	38	5.4	387	0.4	26	22	3.1	229	0.6	31
Male	25,947	5.9	276,354	28	0.4	83,257	18.9	888,098	0.3	14	17,702	4.0	193,383	0.6	54
Disabled	14,458	21.9	160,711	32	0.4	17,208	26.1	193,623	0.4	22	12,966	19.6	146,113	0.7	61
5 and younger	75	1.6	815	15	0.3	2,506	53.2	28,533	0.3	18	508	10.8	5,807	0.6	67
6-14	2,119	15.3	24,598	30	0.4	4,258	30.7	49,514	0.3	19	2,314	16.7	26,736	0.7	66
15-20	1,323	16.2	15,175	38	0.5	1,324	16.2	15,310	0.3	18	1,464	17.9	16,779	0.7	80
21-44	5,065	26.8	55,796	34	0.5	2,335	12.3	26,007	0.3	19	4,896	25.9	55,188	0.7	66
45-64	5,875	28.9	64,325	30	0.5	6,781	33.4	74,250	0.4	27	3,781	18.6	41,593	0.6	42
65-74	1	3.3	2	38	0.5	4	13.3	9	0.7	16	3	10.0	10	0.4	53
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
Other Eligibles	11,489	3.1	115,643	23	0.3	66,049	17.6	694,475	0.2	12	4,736	1.3	47,270	0.4	34
5 and younger	182	0.1	2,012	13	0.3	35,565	23.2	374,119	0.2	10	561	0.4	5,939	0.4	32
6-14	5,068	3.6	55,006	24	0.4	23,658	16.8	252,685	0.2	13	1,717	1.2	18,417	0.5	38
15-20	2,199	4.6	22,730	25	0.3	4,627	9.7	48,454	0.3	13	799	1.7	8,120	0.4	40
21-44	3,215	11.8	28,262	22	0.3	1,565	5.8	13,185	0.3	14	1,347	5.0	11,858	0.4	28
45-64	731	16.8	6,598	24	0.4	536	12.3	4,942	0.3	18	285	6.5	2,650	0.4	31
65-74	40	9.7	447	34	0.6	49	11.9	558	0.3	20	9	2.2	108	0.6	29
75-84	33	9.9	364	43	0.7	32	9.6	370	0.4	15	12	3.6	116	0.6	31
85 and older	21	10.7	224	30	0.5	17	8.6	162	0.3	16	6	3.0	62	0.7	18
Unknown	0	0.0	0	0	0.0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table ND7B

Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

- 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 2001. 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 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7C
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BOE, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	ANALGESICS - Narcotic					ANTHISTAMINES					ANTIVIRAL				
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	232,334	21.4 %	2,366,015	0.2	\$8	168,557	15.5 %	1,787,934	0.2	\$10	18,024	1.7 %	186,831	0.3	\$79
Female	175,543	27.1	1,779,865	0.2	7	105,550	16.3	1,109,720	0.2	9	12,228	1.9	125,839	0.3	64
Disabled	43,454	63.7	495,099	0.3	14	19,893	29.2	229,468	0.3	13	3,629	5.3	40,512	0.3	114
5 and younger	267	8.1	3,128	0.1	1	620	18.9	7,223	0.2	7	43	1.3	487	0.4	45
6-14	746	10.7	8,759	0.1	2	1,708	24.5	19,950	0.2	14	174	2.5	2,008	0.4	114
15-20	1,306	26.9	15,168	0.1	3	1,192	24.6	13,893	0.2	12	122	2.5	1,418	0.3	85
21-44	16,448	74.6	188,319	0.3	14	6,707	30.4	77,534	0.2	11	1,963	8.9	21,861	0.4	129
45-64	24,670	79.6	279,631	0.3	16	9,659	31.2	110,834	0.3	15	1,327	4.3	14,738	0.3	98
65-74	16	44.4	82	0.8	53	7	19.4	34	0.3	4	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	1	50.0	12	0.1	2	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Other Eligibles	132,089	22.8	1,284,766	0.2	4	85,657	14.8	880,252	0.2	8	8,599	1.5	85,327	0.2	40
5 and younger	3,634	2.5	39,418	0.1	1	18,342	12.4	197,835	0.1	5	631	0.4	6,757	0.1	12
6-14	7,617	5.4	82,803	0.1	1	23,758	16.8	256,132	0.2	11	1,043	0.7	11,458	0.2	29
15-20	20,610	26.9	208,022	0.1	2	12,171	15.9	125,169	0.2	7	1,306	1.7	13,255	0.2	20
21-44	93,953	47.4	893,837	0.2	4	29,035	14.6	278,303	0.2	7	5,344	2.7	51,116	0.2	49
45-64	5,872	46.8	56,313	0.3	9	2,174	17.3	20,844	0.2	13	262	2.1	2,589	0.3	85
65-74	142	23.4	1,567	0.3	8	60	9.9	660	0.2	11	7	1.2	80	0.2	19
75-84	190	25.6	2,112	0.3	12	80	10.8	898	0.2	12	4	0.5	48	0.1	11
85 and older	71	10.0	694	0.4	12	37	5.2	411	0.2	10	2	0.3	24	0.1	5
Male	56,791	12.9	586,150	0.2	10	63,007	14.3	678,214	0.2	10	5,796	1.3	60,992	0.3	110
Disabled	23,736	36.0	260,318	0.3	17	11,359	17.2	129,838	0.3	13	3,392	5.1	36,142	0.4	164
5 and younger	475	10.1	5,487	0.1	1	1,113	23.6	12,905	0.2	7	69	1.5	734	0.2	24
6-14	1,394	10.1	16,246	0.1	2	3,370	24.3	39,314	0.2	14	242	1.7	2,873	0.4	115
15-20	1,529	18.7	17,633	0.1	3	1,264	15.5	14,723	0.2	14	103	1.3	1,161	0.2	65
21-44	8,325	44.0	91,649	0.3	18	2,670	14.1	30,267	0.3	13	1,812	9.6	18,935	0.5	175
45-64	12,004	59.1	129,269	0.4	20	2,941	14.5	32,627	0.3	14	1,166	5.7	12,439	0.5	176
65-74	9	30.0	34	0.5	39	1	3.3	2	0.5	20	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
Other Eligibles	33,055	8.8	325,832	0.2	5	51,648	13.8	548,376	0.2	9	2,404	0.6	24,850	0.2	31
5 and younger	5,202	3.4	56,392	0.1	1	21,016	13.7	224,261	0.2	6	706	0.5	7,576	0.1	10
6-14	7,920	5.6	86,088	0.1	1	23,976	17.0	257,340	0.2	12	893	0.6	9,663	0.2	21
15-20	6,966	14.5	71,118	0.1	2	4,474	9.3	46,934	0.2	11	410	0.9	4,215	0.2	24
21-44	10,728	39.5	91,320	0.3	12	1,743	6.4	15,510	0.2	8	324	1.2	2,758	0.3	114
45-64	2,045	46.9	18,801	0.4	16	365	8.4	3,494	0.2	11	68	1.6	617	0.4	136
65-74	111	27.0	1,229	0.2	9	38	9.2	437	0.3	18	1	0.2	4	0.3	36
75-84	53	16.0	581	0.3	14	24	7.2	277	0.3	19	1	0.3	5	0.2	20
85 and older	30	15.2	303	0.3	9	12	6.1	123	0.2	8	1	0.5	12	0.1	8
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table ND7C
 Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

- 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 2001. 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 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7D
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS
 SEPARATELY, BY SEX, BOE, AND AGE^{a,b,c}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	STIMULANTS/ANTI-OBESITY/ANOREXIANTS				ANALGESICS - ANTI-INFLAMMATORY					
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean Rx \$	No. of Bene Mos	
All	53,761	4.9 %	577,192	0.4	142,452	13.1 %	1,465,434	0.2	1,087,370	9,236,491
Female	22,781	3.5	241,175	0.3	109,732	17.0	1,120,637	0.2	647,019	5,383,619
Disabled	5,268	7.7	61,092	0.4	27,166	39.8	311,611	0.3	68,186	717,424
5 and younger	58	1.8	661	0.4	86	2.6	1,001	0.2	3,281	32,531
6-14	1,469	21.0	17,083	0.4	514	7.4	6,025	0.2	6,981	77,550
15-20	346	7.1	3,998	0.4	1,102	22.7	12,844	0.2	4,852	53,150
21-44	1,624	7.4	18,885	0.3	9,339	42.4	107,694	0.2	22,047	234,468
45-64	1,771	5.7	20,465	0.3	16,119	52.0	184,016	0.3	30,985	319,575
65-74	0	0.0	0	0.0	6	16.7	31	0.3	36	132
75-84	0	0.0	0	0.0	0	0.0	0	0.0	2	5
85 and older	0	0.0	0	0.0	0	0.0	0	0.0	2	13
Other Eligibles	17,513	3.0	180,083	0.3	82,566	14.3	809,026	0.2	578,833	4,666,195
5 and younger	417	0.3	4,643	0.3	3,140	2.1	34,508	0.1	148,205	1,273,741
6-14	7,139	5.1	76,501	0.4	6,030	4.3	65,922	0.1	141,158	1,279,331
15-20	1,300	1.7	13,754	0.3	15,355	20.1	156,192	0.1	76,531	623,482
21-44	8,124	4.1	80,112	0.2	53,151	26.8	505,285	0.2	198,343	1,388,869
45-64	530	4.2	5,037	0.3	4,560	36.4	43,427	0.3	12,538	88,749
65-74	2	0.3	24	0.2	142	23.4	1,578	0.4	607	4,488
75-84	1	0.1	12	0.8	136	18.4	1,552	0.5	741	4,630
85 and older	0	0.0	0	0.0	52	7.3	562	0.5	710	2,905
Male	30,980	7.0	336,017	0.4	32,720	7.4	344,797	0.2	440,334	3,852,813
Disabled	7,530	11.4	86,909	0.4	12,503	18.9	140,113	0.3	66,015	670,425
5 and younger	245	5.2	2,803	0.3	143	3.0	1,666	0.2	4,709	47,463
6-14	5,449	39.3	63,212	0.5	725	5.2	8,539	0.1	13,868	153,542
15-20	1,102	13.5	12,760	0.4	1,006	12.3	11,680	0.1	8,170	87,144
21-44	434	2.3	4,839	0.4	4,008	21.2	45,029	0.2	18,932	189,071
45-64	300	1.5	3,295	0.4	6,619	32.6	73,185	0.3	20,306	193,107
65-74	0	0.0	0	0.0	2	6.7	14	0.5	30	98
75-84	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
Other Eligibles	23,450	6.3	249,108	0.4	20,217	5.4	204,684	0.2	374,319	3,182,388
5 and younger	1,264	0.8	13,783	0.3	3,478	2.3	38,151	0.1	153,020	1,319,139
6-14	20,033	14.2	212,881	0.4	4,929	3.5	54,242	0.1	140,967	1,276,015
15-20	1,809	3.8	19,339	0.4	5,404	11.3	56,153	0.1	47,877	399,165
21-44	287	1.1	2,562	0.3	5,098	18.8	43,905	0.2	27,156	154,180
45-64	56	1.3	531	0.3	1,143	26.2	10,371	0.3	4,359	27,665
65-74	0	0.0	0	0.0	91	22.1	1,032	0.3	411	3,152
75-84	1	0.3	12	0.8	58	17.5	650	0.3	332	2,062
85 and older	0	0.0	0	0.0	16	8.1	180	0.4	197	1,010
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	17	59

Table ND7D

Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

- 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 2001. 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 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.8
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BENEFICIARY CHARACTERISTIC^{a, b}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	Rx \$ per Bene Mo	No. of Rx per Bene Mo	No. of All-Year NF Residents	Bene Mos among All-Year NF Residents
All	\$363	6.1	801	8,879
Age				
0-64	378	6.2	691	7,685
65-74	243	4.6	20	228
75-84	309	6.0	35	357
85 and older	252	5.1	55	609
Unknown	0	0.0	0	0
Gender				
Female	372	6.3	465	5,188
Male	352	5.9	336	3,691
Unknown	0	0.0	0	0
Race				
White	378	6.5	369	4,033
African American	342	5.6	326	3,634
Other/unknown	381	6.5	106	1,212
Basis of Eligibility^c				
Aged	264	5.3	108	1,179
Disabled	379	6.2	691	7,688
Adults	324	6.0	1	1
Children	273	4.8	1	11
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2001 Medicaid enrollment. A total of 1,213 beneficiaries who were in nursing facilities for part of their enrollment and their 11,840 benefit months were excluded from the analysis. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

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

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

TABLE ND.9
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d, e}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			Total # of Rx	Total Rx \$	No.	As % of All-Year NF Residents	No. of Bene Mos						
	Patented			Patented								Generic	Generic	Generic			
	Total	Off-Patent	Brand-Name	Total	Off-Patent	Brand-Name											
Anti-infective Agents	0.5	0.3	0.0	0.2	\$45	\$41	\$1	\$3	\$96	\$136	\$87	\$20	2,907	\$279,580	556	69.4 %	6,267
Biologicals	0.1	0.1	0.0	0.0	1	1	0	0	10	10	0	0	1	10	1	0.1	12
Antineoplastic Agents	0.5	0.1	0.2	0.2	93	37	35	21	175	343	182	91	287	50,139	49	6.1	540
Endocrine/Metabolic Drugs	1.2	0.7	0.1	0.3	52	45	3	4	44	64	20	11	3,700	162,037	279	34.8	3,120
Cardiovascular Agents	1.9	0.7	0.2	1.1	66	38	5	23	35	58	31	22	9,357	330,961	454	56.7	5,014
Respiratory Agents	0.7	0.3	0.0	0.4	36	22	0	14	50	64	22	37	3,046	150,784	379	47.3	4,231
Gastrointestinal Agents	1.2	0.5	0.0	0.6	79	58	3	18	67	116	84	27	6,332	422,463	473	59.1	5,335
Genitourinary Agents	0.6	0.3	0.0	0.2	28	21	1	5	50	69	58	24	902	45,255	144	18.0	1,634
CNS Drugs	1.5	0.8	0.1	0.6	119	91	11	17	79	115	100	28	9,304	738,000	548	68.4	6,197
Stimulants/Anti-obesity/Anorexia	0.7	0.1	0.1	0.5	26	10	3	13	38	78	53	26	121	4,602	17	2.1	177
Miscellaneous Psychological/Neurological Agents	0.6	0.6	0.0	0.1	69	68	0	1	111	122	0	11	149	16,594	21	2.6	241
Analgesics and Anesthetics	0.9	0.4	0.1	0.4	49	37	4	8	57	104	51	18	3,767	213,853	394	49.2	4,342
Neuromuscular Agents	1.4	0.4	0.4	0.6	85	50	16	18	62	112	47	33	6,775	421,903	432	53.9	4,968
Nutritional Products	0.7	0.1	0.2	0.5	17	1	6	9	23	26	33	19	1,865	43,601	232	29.0	2,633
Hematological Agents	1.0	0.3	0.4	0.3	74	62	8	4	75	211	20	15	2,166	163,353	206	25.7	2,202
Topical Products	0.5	0.2	0.1	0.3	27	18	3	5	49	79	53	21	3,084	150,591	489	61.0	5,651
Miscellaneous Products	0.3	0.1	0.0	0.2	34	26	0	7	107	257	42	35	233	24,823	65	8.1	732
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	8	0	0	0	26	0	0	0	288	7,610	83	10.4	946
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.	54,284	3,226,159	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

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 2001. A total of 1,213 beneficiaries who were in nursing facilities for part of their enrollment and their 11,840 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 2001. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. For information about these therapeutic categories, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

e. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

In North Carolina, 0.4 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined.

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

TABLE ND.10
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS,
 BY TOP-10 DRUG GROUP^{a, b, c, d}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Top 10 Drug Groups in Nursing Facilities	Users				Among Users		
	Total Medicaid Rx \$	No. of Users	As % of All-Year NF Residents	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo
ULCER DRUGS	\$349,046	464	57.9 %	5,231	0.7	\$92	\$67
ANTIPSYCHOTICS	342,087	255	31.8	2,946	0.7	160	116
ANTICONVULSANT	328,229	462	57.7	5,362	0.9	66	61
ANTIDEPRESSANTS	289,526	471	58.8	5,358	0.8	72	54
ANTIDIABETIC	155,093	365	45.6	4,106	0.8	47	38
ANALGESICS - Narcotic	125,337	417	52.1	4,549	0.5	51	28
ANTIHYPERTENSIVE	114,791	314	39.2	3,445	0.8	41	33
DERMATOLOGICAL	104,921	651	81.3	7,551	0.3	55	14
ANTIVIRAL	85,232	44	5.5	479	0.6	320	178
ANTIASTHMATIC	81,805	275	34.3	2,984	0.5	57	27
Total	1,976,067	3,718		42,011	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

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 2001. A total of 1,213 beneficiaries who were in nursing facilities for part of their enrollment and their 11,840 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 2001. 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 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.10A

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED AND FIRST AND SECOND TOP DRUG GROUPS SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE^{a, b, c, d}
NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	All Top 10 Drug Groups					ULCER DRUGS					ANTIPSYCHOTICS				
	No. of Rx	Rx \$	Users as %			Mean No. of Rx	Mean Rx \$	No. of Bene Mos among Users	Users as %			Mean No. of Rx	Mean Rx \$		
			No. of Users	Residents	NF				Residents	NF	Residents				
All	27,043	\$1,976,067	464	57.9 %	5,231	0.7	\$67	255	31.8 %	2,946	0.7	\$116			
Female	15,989	1,142,018	251	54.0	2,835	0.7	66	157	33.8	1,801	0.7	121			
Disabled	14,248	1,028,091	215	55.7	2,425	0.7	66	134	34.7	1,532	0.8	126			
64 or younger	14,162	1,022,449	215	56.0	2,425	0.7	66	134	34.9	1,532	0.8	126			
65-74	86	5,642	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			
Other Eligibles	1,741	113,927	36	45.6	410	0.7	63	23	29.1	269	0.6	93			
64 or younger	17	1,142	2	100.0	12	0.5	74	0	0.0	0	0.0	0			
65-74	344	27,769	8	61.5	96	0.7	63	5	38.5	60	0.7	162			
75-84	523	33,355	8	34.8	94	0.6	58	6	26.1	72	0.6	73			
85 and older	857	51,661	18	43.9	208	0.8	65	12	29.3	137	0.6	73			
Male	11,054	834,049	213	63.4	2,396	0.7	68	98	29.2	1,145	0.7	109			
Disabled	10,267	785,855	196	64.3	2,197	0.7	69	90	29.5	1,064	0.7	109			
64 or younger	10,267	785,855	196	64.3	2,197	0.7	69	90	29.5	1,064	0.7	109			
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			
Other Eligibles	787	48,194	17	54.8	199	0.7	52	8	25.8	81	0.7	112			
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
65-74	96	4,429	4	80.0	48	0.8	55	0	0.0	0	0.0	0			
75-84	381	25,535	6	50.0	67	0.8	53	4	33.3	33	0.8	132			
85 and older	310	18,230	7	50.0	84	0.6	49	4	28.6	48	0.7	98			
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 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

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 2001. A total of 1,213 beneficiaries who were in nursing facilities for part of their enrollment and their 1,840 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 2001. 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 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.10B
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE^{a,b,c,d}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	ANTICONVULSANT						ANTIDEPRESSANTS						ANTIDIABETIC					
	Users as %			Users as %			Users as %			Users as %			Users as %			Users as %		
	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx
All	462	57.7 %	0.9	5,362	0.9	\$61	471	58.8 %	0.8	5,358	0.8	\$54	365	45.6 %	0.8	4,106	0.8	\$38
Female	259	55.7	0.9	3,006	0.9	63	285	61.3	0.8	3,222	0.8	56	242	52.0	0.8	2,686	0.8	39
Disabled	241	62.4	0.9	2,815	0.9	64	255	66.1	0.8	2,879	0.8	56	219	56.7	0.8	2,426	0.8	41
64 or younger	241	62.8	0.9	2,815	0.9	64	254	66.1	0.8	2,876	0.8	56	217	56.5	0.8	2,402	0.8	41
65-74	0	0.0	0.0	0	0.0	0	1	50.0	0.7	3	0.7	49	2	100.0	0.9	24	0.9	84
75-84	0	0.0	0.0	0	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	0.0	0	0.0	0
Other Eligibles	18	22.8	0.8	191	0.8	44	30	38.0	0.7	343	0.7	55	23	29.1	0.5	260	0.5	23
64 or younger	0	0.0	0.0	0	0.0	0	1	50.0	1.0	1	1.0	68	0	0.0	0.0	0	0.0	0
65-74	4	30.8	0.9	48	0.9	55	8	61.5	0.7	96	0.7	55	1	7.7	0.8	12	0.8	8
75-84	7	30.4	0.9	75	0.9	43	6	26.1	0.6	70	0.6	41	12	52.2	0.6	135	0.6	27
85 and older	7	17.1	0.8	68	0.8	39	15	36.6	0.8	176	0.8	61	10	24.4	0.4	113	0.4	20
Male	203	60.4	0.9	2,356	0.9	59	186	55.4	0.7	2,136	0.7	51	123	36.6	0.8	1,420	0.8	35
Disabled	197	64.6	0.9	2,284	0.9	60	172	56.4	0.7	1,968	0.7	51	108	35.4	0.8	1,245	0.8	36
64 or younger	197	64.6	0.9	2,284	0.9	60	172	56.4	0.7	1,968	0.7	51	108	35.4	0.8	1,245	0.8	36
65-74	0	0.0	0.0	0	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	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	0.0	0	0.0	0
Other Eligibles	6	19.4	1.0	72	1.0	47	14	45.2	0.9	168	0.9	52	15	48.4	0.7	175	0.7	29
64 or younger	0	0.0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0	0	0.0	0.0	0	0.0	0
65-74	2	40.0	0.8	24	0.8	35	1	20.0	1.0	12	1.0	7	1	20.0	0.2	12	0.2	5
75-84	3	25.0	1.1	36	1.1	64	6	50.0	0.9	72	0.9	67	8	66.7	0.9	91	0.9	38
85 and older	1	7.1	1.0	12	1.0	20	7	50.0	0.8	84	0.8	45	6	42.9	0.6	72	0.6	20
Unknown	0	0.0	0.0	0	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 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

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 2001. A total of 1,213 beneficiaries who were in nursing facilities for part of their enrollment and their 11,840 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 2001. 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 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.10C
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE^{a, b, c, d}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	ANALGESICS - Narcotic					ANTIHYPERTENSIVE					DERMATOLOGICAL				
	Users as %					Users as %					Users as %				
	No. of Users	No. of Bene NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	No. of Bene NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	417	52.1 %	4,549	0.5	\$28	314	39.2 %	3,445	0.8	\$33	651	81.3 %	7,551	0.3	\$14
Female	258	55.5	2,825	0.6	29	193	41.5	2,131	0.8	33	370	79.6	4,277	0.2	12
Disabled	225	58.3	2,495	0.6	29	158	40.9	1,777	0.8	34	314	81.3	3,640	0.2	12
64 or younger	222	57.8	2,477	0.6	28	155	40.4	1,759	0.8	34	313	81.5	3,637	0.2	12
65-74	3	150.0	18	0.7	63	3	150.0	18	0.8	37	1	50.0	3	0.3	4
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
Other Eligibles	33	41.8	330	0.6	32	35	44.3	354	0.9	27	56	70.9	637	0.3	12
64 or younger	0	0.0	0	0.0	0	3	150.0	13	0.8	15	0	0.0	0	0.0	0
65-74	5	38.5	60	0.6	14	3	23.1	36	1.0	27	6	46.2	72	0.4	21
75-84	17	73.9	160	0.6	50	9	39.1	78	0.9	33	18	78.3	204	0.3	10
85 and older	11	26.8	110	0.5	15	20	48.8	227	0.9	25	32	78.0	361	0.2	11
Male	159	47.3	1,724	0.5	25	121	36.0	1,314	0.8	34	281	83.6	3,274	0.3	16
Disabled	147	48.2	1,580	0.5	24	112	36.7	1,211	0.8	34	259	84.9	3,015	0.3	17
64 or younger	147	48.2	1,580	0.5	24	112	36.7	1,211	0.8	34	259	84.9	3,015	0.3	17
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
Other Eligibles	12	38.7	144	0.5	42	9	29.0	103	0.9	31	22	71.0	259	0.2	8
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	20.0	12	0.1	1	1	20.0	12	0.8	28	3	60.0	36	0.1	6
75-84	5	41.7	60	0.7	71	5	41.7	55	0.9	39	7	58.3	79	0.3	8
85 and older	6	42.9	72	0.5	24	3	21.4	36	0.8	19	12	85.7	144	0.2	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 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

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 2001. A total of 1,213 beneficiaries who were in nursing facilities for part of their enrollment and their 11,840 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 2001. 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 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.10D
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS
 SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BOE, AND AGE^{a, b, c, d}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	ANTIVIRAL				ANTIASTHMATIC				Mean Rx \$	All-Year NF Residents	Bene Mos among All-Year NF Residents	
	Users as %		No. of Bene		Users as %		No. of Bene					
	No. of Users	Residents	Users	Mos among Users	Residents	NF Residents	Users	Mos among Users				
All	44	5.5 %	479	0.6	\$178	275	34.3 %	2,984	0.5	\$27	801	8,879
Female	22	4.7	219	0.2	65	151	32.5	1,692	0.5	27	465	5,188
Disabled	20	5.2	195	0.2	72	141	36.5	1,576	0.5	28	386	4,341
64 or younger	20	5.2	195	0.2	72	137	35.7	1,537	0.5	27	384	4,326
65-74	0	0.0	0	0.0	0	4	200.0	39	0.9	43	2	15
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
Other Eligibles	2	2.5	24	0.1	7	10	12.7	116	0.4	20	79	847
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	12
65-74	0	0.0	0	0.0	0	3	23.1	36	0.5	20	13	156
75-84	1	4.3	12	0.1	9	2	8.7	24	0.1	7	23	238
85 and older	1	2.4	12	0.1	5	5	12.2	56	0.4	26	41	441
Male	22	6.5	260	0.8	274	124	36.9	1,292	0.5	28	336	3,691
Disabled	22	7.2	260	0.8	274	120	39.3	1,244	0.5	28	305	3,347
64 or younger	22	7.2	260	0.8	274	120	39.3	1,244	0.5	28	305	3,347
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
Other Eligibles	0	0.0	0	0.0	0	4	12.9	48	0.4	12	31	344
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	0	0.0	0	0.0	0	1	20.0	12	0.8	22	5	57
75-84	0	0.0	0	0.0	0	1	8.3	12	0.1	4	12	119
85 and older	0	0.0	0	0.0	0	2	14.3	24	0.4	11	14	168
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 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

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 2001. A total of 1,213 beneficiaries who were in nursing facilities for part of their enrollment and their 11,840 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 2001. 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 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.11
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG NONDUALS
 BY BENEFICIARY CHARACTERISTIC^{a,b}
 NORTH CAROLINA, 2001

Beneficiary Characteristics	No. of Benes with at Least One Part D Excl Rx	% Benes with at Least One Part D Excl Rx	No. of Part D		Total No. Part D Excl Rx	Total Part D Excl Rx \$	\$ per Part D Excl Rx	Part D Excl Rx \$ as % of All Rx \$	Total No. of Benes
			Excl Rx	Bene					
All	238,081	21.9 %	0.6	697,155	\$17	\$18,977,822	\$27	4.6 %	1,087,370
Age									
5 and younger	77,841	25.2	0.5	144,347	10	2,991,325	21	6.6	309,215
6-14	45,121	14.9	0.3	78,998	7	2,224,564	28	3.4	302,974
15-20	21,805	15.9	0.3	45,851	11	1,526,090	33	4.3	137,430
21-44	63,848	24.0	0.9	240,352	26	7,041,190	29	5.0	266,478
45-64	28,875	42.3	2.7	183,768	75	5,108,199	28	4.0	68,188
65-74	222	20.5	1.2	1,284	27	29,112	23	3.4	1,084
75-84	238	22.1	1.6	1,716	37	39,659	23	4.2	1,075
85 and older	131	14.4	0.9	839	19	17,683	21	3.4	909
Unknown	0	0.0	0.0	0	0	0	0	0.0	17
Basis of Eligibility^c									
Aged	671	21.2	1.4	4,524	33	103,636	23	3.8	3,168
Disabled	49,805	37.1	2.1	287,366	66	8,804,789	31	3.8	134,201
Adults	54,975	21.1	0.7	171,440	18	4,818,718	28	6.1	260,861
Children	132,630	19.2	0.3	233,825	8	5,250,679	22	5.2	689,140
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Gender									
Female	149,834	23.2	0.7	474,395	20	13,179,464	28	5.2	647,028
Male	88,247	20.0	0.5	222,760	13	5,798,358	26	3.6	440,342
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Race									
White	119,814	26.6	0.9	390,929	23	10,459,537	27	4.9	450,368
African American	81,493	17.1	0.4	194,087	11	5,400,733	28	4.1	476,031
Other/unknown	36,774	22.8	0.7	112,139	19	3,117,552	28	4.5	160,971
Use of Nursing Facilities^d									
Entire year	463	57.8	5.6	4,475	125	100,303	22	3.1	801
Part year	830	68.4	4.9	5,914	131	158,459	27	3.3	1,213
None	236,788	21.8	0.6	686,766	17	18,719,060	27	4.6	1,085,356
Maintenance Assistance Status									
Cash	124,390	24.2	0.9	455,050	25	12,946,430	28	4.5	513,795
Medically needy	1,241	35.2	1.5	5,284	41	145,512	28	4.0	3,525
Poverty related	98,456	19.4	0.4	201,969	10	4,880,543	24	4.8	508,294
Other/unknown	13,994	22.7	0.6	34,852	16	1,005,337	29	4.9	61,756

Table ND11

Nondual Beneficiaries

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

- 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 2001.
- b. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.
- c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
- d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.
- Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.12
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG NONDUALS PER BENEFIT MONTH
 BY BENEFICIARY CHARACTERISTIC^{a,b}
 NORTH CAROLINA, 2001

Beneficiary Characteristics	No. Rx per Bene Mo.	Rx \$ per Bene Mo.	\$ per Rx	Barbiturate \$ per Bene Mo.	Benzodiazepine \$ per Bene Mo.	No. of Bene Mos
All	0.1	\$2	\$27	\$0	\$1	9,236,491
Age						
5 and younger	0.1	1	21	0	0	2,672,874
6-14	0.0	1	28	0	0	2,786,438
15-20	0.0	1	33	0	0	1,162,941
21-44	0.1	4	29	0	1	1,966,588
45-64	0.3	8	28	0	3	629,096
65-74	0.2	4	23	0	1	7,870
75-84	0.3	6	23	0	2	6,697
85 and older	0.2	5	21	0	2	3,928
Unknown	0.0	0	0	0	0	59
Basis of Eligibility^c						
Aged	0.2	5	23	0	2	20,334
Disabled	0.2	6	31	0	3	1,387,849
Adults	0.1	3	28	0	1	1,783,291
Children	0.0	1	22	0	0	6,045,017
Unknown	0.0	0	0	0	0	0
Gender						
Female	0.1	2	28	0	1	5,383,656
Male	0.1	2	26	0	0	3,852,835
Unknown	0.0	0	0	0	0	0
Race						
White	0.1	3	27	0	1	3,744,337
African American	0.0	1	28	0	0	4,146,277
Other/unknown	0.1	2	28	0	1	1,345,877
Use of Nursing Facilities^d						
Entire year	0.5	11	22	1	4	8,879
Part year	0.5	13	27	0	5	11,840
None	0.1	2	27	0	1	9,215,772
Maintenance Assistance Status						
Cash	0.1	3	28	0	1	4,447,373
Medically needy	0.2	6	28	0	2	25,191
Poverty related	0.0	1	24	0	0	4,192,161
Other/unknown	0.1	2	29	0	0	571,766

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

- 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 2001.
- b. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.
- c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
- d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.

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

TABLE ND.13
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS FOR SELECTED DRUG CATEGORIES AMONG NONDUALS^{a,b,c}
 NORTH CAROLINA, 2001

Drug Category	No. Users	Rx \$ per User	Total Rx \$	Rx \$ as % of All Part D Excl Rx \$	Total No. Rx.	\$ per Rx	No. Rx as % of All Part D Excl Rx
All	276,175	\$69	\$18,977,822	100.0 %	697,155	\$27	100.0 %
Anorexia or weight loss/gain	4,185	97	404,624	2.1	10,348	39	1.5
Fertility drugs	0	0	0	0.0	0	0	0.0
Drugs for cosmetic purposes	272	16	4,338	0.0	375	12	0.1
Cough and cold medications	189,687	47	8,941,153	47.1	348,114	26	49.9
Vitamins and minerals	22,649	75	1,702,959	9.0	74,897	23	10.7
Non-prescription drugs	205	34	6,988	0.0	363	19	0.1
Barbiturates	2,263	58	130,140	0.7	15,760	8	2.3
Benzodiazepines	41,440	122	5,036,799	26.5	209,265	24	30.0
Other Part D Excl Rx Drugs	15,474	178	2,750,821	14.5	38,033	72	5.5

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

a. Table ND.13 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all non-dual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2001. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2001. 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. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility, those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

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

APPENDIX TABLE A.1

CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY^{a, b}
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	No. of Benes					No. of Bene Mos					
	All	Aged	Disabled	Adults	Unknown	All	Aged	Disabled	Adults	Unknown	
All	1,102,832	3,169	135,443	263,751	700,469	9,681,853	20,381	1,432,037	1,868,180	6,361,255	0
Age											
5 and younger	314,555	0	8,070	11	306,474	2,818,255	0	82,625	26	2,735,604	0
6-14	307,638	1	21,069	108	286,460	2,925,578	11	238,682	468	2,686,417	0
15-20	139,312	1	13,150	20,323	105,838	1,214,132	12	144,228	136,853	933,039	0
21-44	269,471	6	41,394	226,392	1,679	2,054,839	72	437,550	1,611,093	6,124	0
45-64	68,770	180	51,689	16,900	1	650,476	2,106	528,703	119,655	12	0
65-74	1,085	1,005	67	13	0	7,889	7,584	231	74	0	0
75-84	1,075	1,071	2	2	0	6,697	6,687	5	5	0	0
85 and older	909	905	2	2	0	3,928	3,909	13	6	0	0
Unknown	17	0	0	0	17	59	0	0	0	59	0
Gender											
Female	655,963	2,164	68,798	232,355	352,646	5,644,476	13,340	739,963	1,679,232	3,211,941	0
Male	446,869	1,005	66,645	31,396	347,823	4,037,377	7,041	692,074	188,948	3,149,314	0
Unknown	0	0	0	0	0	0	0	0	0	0	0
Race											
White	453,450	1,508	50,456	119,247	282,239	3,816,793	8,947	519,528	811,471	2,476,847	0
African American	485,935	960	52,207	119,506	313,262	4,445,555	5,932	561,119	912,198	2,966,306	0
Other/unknown	163,447	701	32,780	24,998	104,968	1,419,505	5,502	351,390	144,511	918,102	0
Use of Nursing Facilities^c											
Entire year	801	108	691	1	1	8,881	1,179	7,690	1	11	0
Part year	1,213	96	1,099	15	3	12,102	927	10,992	149	34	0
None	1,100,818	2,965	133,653	263,735	700,465	9,660,870	18,275	1,413,355	1,868,030	6,361,210	0
Maintenance Assistance Status											
Cash	520,957	1,578	108,471	185,278	225,630	4,696,324	11,631	1,208,147	1,374,938	2,101,608	0
Medically needy	3,526	111	1,019	1,608	788	25,692	368	9,066	10,756	5,502	0
Poverty related	515,625	1,479	25,951	56,261	431,934	4,355,745	8,380	214,802	301,058	3,831,505	0
Other/unknown	62,724	1	2	20,604	42,117	604,092	2	22	181,428	422,640	0
Managed Care Status											
FFS all year	1,041,648	3,162	130,020	251,071	657,395	9,067,384	20,310	1,371,265	1,746,661	5,929,148	0
FFS part year, with Rx claims	28,181	5	3,485	7,664	17,027	307,056	47	40,369	79,465	187,175	0
FFS part year, no Rx claims	17,541	1	696	2,126	14,718	174,640	12	7,669	18,214	148,745	0
MC all year, with Rx claims	8,515	1	887	2,032	5,595	84,197	12	9,677	19,170	55,338	0
MC all year, no Rx claims	6,947	0	355	858	5,734	48,576	0	3,057	4,670	40,849	0

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

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

APPENDIX TABLE A.2
MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS^a
NONDUAL BENEFICIARIES, NORTH CAROLINA, 2001

	Bene Mos in Cell J of Table 1		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos
All	1,102,832	9,681,853	1,087,370	9,236,491	0	445,362
FFS all year	1,041,648	9,067,384	1,041,648	9,067,384	0	0
FFS part year, with Rx claims	28,181	307,056	28,181	105,586	0	201,470
FFS part year, with no Rx claims	17,541	174,640	17,541	63,521	0	111,119
MC all year, with Rx claims	8,515	84,197	0	0	0	84,197
MC all year, with no Rx claims	6,947	48,576	0	0	0	48,576

Source: Data for this table are from the MAX 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

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

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