

**STATISTICAL COMPENDIUM:  
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2002  
NORTH CAROLINA**

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TABLE ND.2

CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY<sup>a,b</sup>  
NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

Beneficiary Characteristics	No. of Benes							No. of Bene Mos						
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown		
<b>All</b>	<b>1,106,359</b>	<b>2,927</b>	<b>137,958</b>	<b>243,248</b>	<b>722,226</b>	<b>0</b>	<b>10,047,889</b>	<b>18,153</b>	<b>1,444,126</b>	<b>1,900,377</b>	<b>6,685,233</b>	<b>0</b>		
<b>Age</b>														
5 and younger	325,939	0	8,275	3	317,661	0	2,947,838	0	84,704	5	2,863,129	0		
6-14	313,733	0	21,365	98	292,270	0	3,043,786	0	239,094	472	2,804,220	0		
15-20	143,502	5	13,611	18,853	111,033	0	1,292,779	44	149,364	130,733	1,012,638	0		
21-44	251,790	69	41,317	209,148	1,256	0	2,081,469	417	432,376	1,643,442	5,234	0		
45-64	68,568	104	53,327	15,137	0	0	664,743	744	538,335	125,664	0	0		
65-74	1,000	938	56	6	0	0	7,260	7,007	211	42	0	0		
75-84	993	988	4	1	0	0	6,153	6,122	26	5	0	0		
85 and older	828	823	3	2	0	0	3,849	3,819	16	14	0	0		
Unknown	6	0	0	0	6	0	12	0	0	0	12	0		
<b>Gender</b>														
Female	650,362	2,084	69,772	214,087	364,419	0	5,823,070	12,579	742,003	1,690,845	3,377,643	0		
Male	455,997	843	68,186	29,161	357,807	0	4,224,819	5,574	702,123	209,532	3,307,590	0		
Unknown	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Race</b>														
White	459,950	1,391	51,360	113,263	293,936	0	4,055,247	8,328	523,944	859,673	2,663,302	0		
African American	470,681	893	52,426	105,712	311,650	0	4,435,407	5,259	556,547	890,392	2,983,209	0		
Other/unknown	175,728	643	34,172	24,273	116,640	0	1,557,235	4,566	363,635	150,312	1,038,722	0		
<b>Use of Nursing Facilities<sup>c</sup></b>														
Entire year	871	107	764	0	0	0	9,906	1,181	8,725	0	0	0		
Part year	1,283	107	1,154	20	2	0	12,730	991	11,511	204	24	0		
None	1,104,205	2,713	136,040	243,228	722,224	0	10,025,253	15,981	1,423,890	1,900,173	6,685,209	0		
<b>Maintenance Assistance Status</b>														
Cash	494,990	1,285	110,178	166,608	216,919	0	4,746,813	8,823	1,215,995	1,404,250	2,117,745	0		
Medically needy	3,341	103	1,130	1,507	601	0	25,147	410	9,760	10,482	4,495	0		
Poverty-related	540,575	1,539	26,649	53,812	458,575	0	4,614,498	8,920	218,365	288,721	4,098,492	0		
Other/unknown	67,453	0	1	21,321	46,131	0	661,431	0	6	196,924	464,501	0		
<b>Managed Care Status</b>														
FFS all year	1,080,261	2,922	136,534	236,860	703,945	0	9,936,662	18,113	1,438,183	1,873,785	6,606,581	0		
FFS part year, with Rx claims	17,621	5	1,218	5,257	11,141	0	74,296	40	5,281	22,140	46,835	0		
FFS part year, no Rx claims	8,477	0	206	1,131	7,140	0	36,931	0	662	4,452	31,817	0		

Table ND2

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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<sup>a,b</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

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	67.0 %	7.8	\$432	\$55	\$3,082	14.0 %	1,106,359
<b>Age</b>							
5 and younger	67.7	4.0	163	41	1,843	8.9	325,939
6-14	59.4	4.3	265	61	1,844	14.4	313,733
15-20	63.0	5.3	297	56	3,113	9.5	143,502
21-44	73.7	10.9	624	57	4,330	14.4	251,790
45-64	83.1	35.1	2,037	58	9,906	20.6	68,568
65-74	51.3	17.1	833	49	5,060	16.5	1,000
75-84	43.4	20.5	962	47	4,836	19.9	993
85 and older	30.8	14.9	655	44	5,015	13.1	828
Unknown	0.0	0.0	0	0	0	0.0	6
<b>Basis of Eligibility<sup>c</sup></b>							
Aged	44.6	17.6	823	47	5,278	15.6	2,927
Disabled	80.2	26.6	1,890	71	12,182	15.5	137,958
Adults	72.8	8.7	376	43	2,772	13.6	243,248
Children	62.6	3.9	171	44	1,439	11.9	722,226
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Gender</b>							
Female	69.3	8.7	440	51	2,955	14.9	650,362
Male	63.7	6.5	421	65	3,263	12.9	455,997
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Race</b>							
White	72.5	9.7	539	56	3,403	15.8	459,950
African American	63.5	6.0	316	52	2,578	12.3	470,681
Other/unknown	61.9	7.5	464	62	3,592	12.9	175,728
<b>Use of Nursing Facilities<sup>d</sup></b>							
Entire year	95.2	76.0	4,696	62	48,767	9.6	871
Part year	97.2	64.1	4,162	65	47,208	8.8	1,283
None	66.9	7.7	424	55	2,995	14.2	1,104,205
<b>Maintenance Assistance Status</b>							
Cash	71.4	11.2	666	59	4,181	15.9	494,990
Medically needy	77.6	18.5	1,226	66	11,960	10.2	3,341
Poverty related	62.3	4.6	219	47	2,021	10.8	540,575
Other/unknown	70.8	7.4	381	52	3,081	12.4	67,453

Table ND3

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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<sup>a,b</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

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	1.8 %			
<b>All</b>	<b>0.9</b>	<b>\$48</b>	<b>14.0 %</b>	<b>33.0 %</b>	<b>52.0 %</b>	<b>6.6 %</b>	<b>6.0 %</b>	<b>1.8 %</b>	<b>0.5 %</b>	<b>\$339</b>	<b>1,106,359</b>	<b>10,047,889</b>
<b>Age</b>												
5 and younger	0.4	18	8.9	32.3	61.6	4.2	1.6	0.2	0.1	204	325,939	2,947,838
6-14	0.4	27	14.4	40.6	51.9	4.4	2.7	0.3	0.1	190	313,733	3,043,786
15-20	0.6	33	9.5	37.0	52.8	6.0	3.5	0.5	0.1	346	143,502	1,292,779
21-44	1.3	76	14.4	26.3	47.9	11.4	11.2	2.5	0.6	524	251,790	2,081,469
45-64	3.6	210	20.6	16.9	21.5	12.3	28.9	15.9	4.4	1,022	68,568	664,743
65-74	2.3	115	16.5	48.7	16.6	9.0	16.9	7.5	1.3	697	1,000	7,260
75-84	3.3	155	19.9	56.6	8.3	5.8	16.4	10.8	2.1	780	993	6,153
85 and older	3.2	141	13.1	69.2	5.0	3.5	11.4	10.1	0.8	1,079	828	3,849
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0	6	12
<b>Basis of Eligibility<sup>c</sup></b>												
Aged	2.8	133	15.6	55.4	12.1	6.4	15.4	9.3	1.3	851	2,927	18,153
Disabled	2.5	181	15.5	19.8	32.8	12.1	22.0	10.5	2.8	1,164	137,958	1,444,126
Adults	1.1	48	13.6	27.2	50.5	11.0	9.4	1.5	0.4	355	243,248	1,900,377
Children	0.4	19	11.9	37.4	56.3	4.2	1.8	0.2	0.1	156	722,226	6,685,233
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Gender</b>												
Female	1.0	49	14.9	30.7	52.4	7.3	6.8	2.1	0.6	330	650,362	5,823,070
Male	0.7	45	12.9	36.3	51.4	5.7	4.9	1.3	0.3	352	455,997	4,224,819
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Race</b>												
White	1.1	61	15.8	27.5	52.9	8.5	8.1	2.3	0.6	386	459,950	4,055,247
African American	0.6	34	12.3	36.5	52.4	5.2	4.3	1.3	0.3	274	470,681	4,435,407
Other/unknown	0.9	52	12.9	38.1	48.4	5.7	5.4	1.9	0.5	405	175,728	1,557,235
<b>Use of Nursing Facilities<sup>d</sup></b>												
Entire year	6.7	413	9.6	4.8	4.8	4.8	30.4	37.3	17.8	4,288	871	9,906
Part year	6.5	420	8.8	2.8	8.7	8.6	32.3	32.3	15.3	4,758	1,283	12,730
None	0.8	47	14.2	33.1	52.1	6.6	6.0	1.7	0.5	330	1,104,205	10,025,253
<b>Maintenance Assistance Status</b>												
Cash	1.2	70	15.9	28.6	49.8	8.3	9.3	3.2	0.9	436	494,990	4,746,813
Medically needy	2.5	163	10.2	22.4	32.5	13.9	21.6	7.8	1.7	1,589	3,341	25,147
Poverty related	0.5	26	10.8	37.7	53.7	4.9	2.9	0.7	0.2	237	540,575	4,614,498
Other/unknown	0.8	39	12.4	29.2	54.9	8.1	6.5	0.9	0.3	314	67,453	661,431

Table ND4

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

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 \$
<b>All</b>	<b>0.9</b>	<b>\$48</b>	<b>0.4</b>	<b>\$37</b>	<b>0.1</b>	<b>\$4</b>	<b>0.4</b>	<b>\$7</b>
		\$ per Rx		\$ per Rx		\$ per Rx		\$ per Rx
<b>Age</b>								
5 and younger	0.4	18	0.2	13	0.0	2	0.2	3
6-14	0.4	27	0.2	21	0.0	3	0.2	4
15-20	0.6	33	0.3	25	0.1	3	0.3	5
21-44	1.3	76	0.5	59	0.1	5	0.7	11
45-64	3.6	210	1.7	167	0.2	12	1.7	31
65-74	2.3	115	1.1	90	0.2	6	1.1	19
75-84	3.3	155	1.5	121	0.3	9	1.5	26
85 and older	3.2	141	1.2	102	0.3	10	1.6	29
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
<b>Basis of Eligibility<sup>d</sup></b>								
Aged	2.8	133	1.2	102	0.2	8	1.4	23
Disabled	2.5	181	1.2	147	0.2	10	1.2	23
Adults	1.1	48	0.4	36	0.1	3	0.6	9
Children	0.4	19	0.2	13	0.0	2	0.2	3
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
<b>Gender</b>								
Female	1.0	49	0.4	38	0.1	4	0.5	8
Male	0.7	45	0.3	36	0.1	3	0.3	6
Unknown	0.0	0	0.0	0	0.0	0	0.0	0
<b>Race</b>								
White	1.1	61	0.5	47	0.1	5	0.5	9
African American	0.6	34	0.3	26	0.0	2	0.3	5
Other/unknown	0.9	52	0.4	41	0.1	4	0.4	8
<b>Use of Nursing Facilities<sup>e</sup></b>								
Entire year	6.7	413	2.7	310	0.8	32	3.2	69
Part year	6.5	420	2.7	326	0.6	27	3.2	66
None	0.8	47	0.4	36	0.1	4	0.4	7
<b>Maintenance Assistance</b>								
<b>Status</b>								
Cash	1.2	70	0.5	55	0.1	5	0.6	10
Medically needy	2.5	163	1.1	130	0.2	8	1.2	25
Poverty related	0.5	26	0.2	19	0.1	3	0.3	4
Other/unknown	0.8	39	0.4	30	0.1	3	0.3	6

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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](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<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

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	No. of Bene Mos		
																Generic	Brand-Name
Anti-infective Agents	0.2	0.1	0.0	0.1	\$12	\$9	\$1	\$2	\$51	\$81	\$75	\$15	1,220,640	\$62,226,496	491,247	44.4 %	5,073,473
Biologics	0.4	0.4	0.0	0.0	397	377	5	15	1055	1,032	1,312	2,086	11,126	11,740,382	3,232	0.3	29,581
Antineoplastic Agents	0.5	0.2	0.0	0.2	127	108	3	16	281	504	152	73	20,221	5,679,662	4,284	0.4	44,575
Endocrine/Metabolic Drugs	0.4	0.2	0.1	0.1	17	13	2	2	42	59	31	18	705,052	29,293,731	170,431	15.4	1,765,745
Cardiovascular Agents	1.0	0.4	0.1	0.5	36	26	2	8	35	59	34	15	886,122	31,351,537	82,807	7.5	869,585
Respiratory Agents	0.4	0.2	0.1	0.1	16	11	3	3	44	66	49	18	1,543,213	68,352,778	398,149	36.0	4,154,065
Gastrointestinal Agents	0.4	0.3	0.0	0.1	39	35	1	3	93	128	173	20	435,126	40,596,580	100,320	9.1	1,043,563
Genitourinary Agents	0.2	0.2	0.0	0.0	8	7	0	1	41	48	34	14	114,072	4,695,305	57,570	5.2	579,758
CNS Drugs	0.7	0.3	0.0	0.3	53	45	2	6	79	130	111	20	1,036,924	82,273,752	148,762	13.4	1,551,462
Stimulants/Anti-obesity/Anorexia	0.5	0.3	0.0	0.1	34	26	3	6	68	83	64	39	283,919	19,434,638	52,541	4.7	564,636
Miscellaneous Psychological/Neurological Agents	0.2	0.2	0.0	0.1	27	23	0	4	119	141	88	64	9,713	1,159,605	3,948	0.4	42,526
Analgesics and Anesthetics	0.4	0.1	0.0	0.3	14	9	1	4	38	127	62	15	986,936	37,399,332	253,428	22.9	2,586,440
Neuromuscular Agents	0.6	0.2	0.1	0.3	40	32	3	5	71	131	56	17	477,374	34,001,539	80,564	7.3	855,058
Nutritional Products	0.3	0.0	0.0	0.2	4	0	1	3	16	19	15	16	197,045	3,093,679	73,328	6.6	708,731
Hematological Agents	0.4	0.1	0.1	0.2	89	81	2	6	243	751	26	30	96,834	23,570,417	26,283	2.4	265,161
Topical Products	0.2	0.1	0.0	0.1	7	4	1	2	34	55	55	18	570,277	19,554,800	266,423	24.1	2,785,293
Miscellaneous Products	0.5	0.3	0.0	0.2	131	104	14	13	243	403	278	57	11,866	2,887,227	2,053	0.2	22,074
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	5	0	0	0	33	0	0	0	20,777	690,958	11,707	1.1	128,078
<b>TOTAL NO. OF RX AND RX \$</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	8,627,237	478,002,418	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. 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](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](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<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

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	\$41,958,935	39,614	439,993	0.5	\$192	\$95	
ULCER DRUGS	34,221,651	93,943	992,642	0.3	102	34	
ANTIDEPRESSANTS	32,038,185	118,859	1,254,027	0.4	66	26	
ANTICONVULSANT	29,224,921	52,013	567,283	0.6	92	52	
ANTIASTHMATIC	28,777,015	199,931	2,156,219	0.3	53	13	
ANTIHISTAMINES	20,897,024	195,436	2,106,529	0.2	50	10	
ANALGESICS - Narcotic	19,268,419	265,040	2,767,771	0.2	31	7	
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	19,232,925	59,661	650,463	0.4	68	30	
ANTIVIRAL	19,162,291	20,257	215,370	0.3	318	89	
MISC. HEMATOLOGICAL	16,613,987	4,703	51,142	0.5	709	325	
Total	261,395,353	1,049,457	11,201,439	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. 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 2002. For information about these drug groups, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](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<sup>a,b,c</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

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 \$
<b>All</b>	<b>3,301,198</b>	<b>\$261,395,353</b>	<b>39,614</b>	<b>3.6 %</b>	<b>439,993</b>	<b>0.5</b>	<b>\$95</b>	<b>93,943</b>	<b>8.5 %</b>	<b>992,642</b>	<b>0.3</b>	<b>\$35</b>
<b>Female</b>	2,027,878	143,636,062	21,701	3.3	240,356	0.5	85	65,994	10.1	701,122	0.3	34
<b>Disabled</b>	929,689	81,703,583	14,206	20.4	162,509	0.5	104	25,879	37.1	295,479	0.5	51
5 and younger	13,411	1,041,374	27	0.8	296	0.4	59	582	17.1	6,351	0.4	23
6-14	47,834	4,374,054	695	9.8	7,981	0.5	89	561	7.9	6,546	0.4	36
15-20	34,962	3,492,558	778	15.3	8,911	0.5	97	680	13.4	7,894	0.3	33
21-44	298,743	29,057,156	6,180	27.8	70,635	0.5	100	7,545	33.9	86,913	0.4	44
45-64	534,574	43,728,326	6,524	20.5	74,680	0.6	109	16,502	51.7	187,708	0.5	56
65-74	164	10,103	2	6.1	6	0.7	128	9	27.3	67	0.5	38
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	1	12	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Other Eligibles</b>	1,098,189	61,932,479	7,495	1.3	77,847	0.3	46	40,115	6.9	405,643	0.2	23
5 and younger	105,020	4,535,830	77	0.0	850	0.3	36	4,296	2.8	39,095	0.2	9
6-14	204,487	12,928,198	1,276	0.9	14,286	0.4	66	3,377	2.3	37,268	0.2	13
15-20	129,699	6,588,903	1,227	1.5	13,179	0.3	42	5,194	6.5	54,597	0.2	13
21-44	581,756	32,535,505	4,369	2.4	44,084	0.3	40	23,836	12.8	240,075	0.3	26
45-64	68,380	4,734,997	413	3.7	4,080	0.3	51	3,059	27.4	30,781	0.4	41
65-74	3,132	210,729	44	7.5	460	0.7	97	149	25.6	1,608	0.5	41
75-84	3,438	233,580	50	7.1	531	0.6	67	123	17.5	1,349	0.5	54
85 and older	2,277	164,737	39	6.1	377	0.8	97	81	12.7	870	0.6	62
<b>Male</b>	1,273,320	117,759,291	17,913	3.9	199,637	0.5	108	27,949	6.1	291,520	0.4	35
<b>Disabled</b>	620,815	75,552,416	12,645	18.5	143,484	0.6	123	13,879	20.4	153,825	0.5	47
5 and younger	21,551	2,492,330	110	2.3	1,268	0.4	62	789	16.2	8,633	0.4	25
6-14	118,770	15,103,964	2,435	17.1	28,144	0.6	102	920	6.5	10,764	0.4	36
15-20	56,273	8,476,941	1,631	19.1	18,913	0.6	117	725	8.5	8,423	0.4	35
21-44	179,933	26,755,011	5,109	26.8	57,556	0.6	135	3,785	19.8	42,372	0.4	47
45-64	244,159	22,713,268	3,358	15.7	37,597	0.6	126	7,653	35.7	83,586	0.5	53
65-74	100	8,422	2	8.7	6	0.7	227	6	26.1	35	0.7	86
75-84	29	2,480	0	0.0	0	0.0	0	1	50.0	12	0.8	90
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Other Eligibles</b>	652,505	42,206,875	5,268	1.4	56,153	0.4	69	14,070	3.6	137,695	0.2	21
5 and younger	148,486	6,962,930	214	0.1	2,370	0.4	51	5,143	3.2	47,694	0.2	9
6-14	332,380	23,584,091	3,012	2.1	33,224	0.5	73	2,941	2.0	32,300	0.2	15
15-20	74,436	5,058,662	1,231	2.4	13,104	0.4	72	1,770	3.5	18,540	0.2	17
21-44	73,293	4,764,827	651	2.6	5,875	0.3	49	3,130	12.7	28,822	0.3	38
45-64	20,245	1,563,083	102	2.5	990	0.3	59	918	22.5	8,522	0.4	47
65-74	1,548	114,106	19	5.3	188	0.8	89	83	23.0	908	0.5	42
75-84	1,337	96,149	23	8.0	243	0.6	92	56	19.5	584	0.5	46
85 and older	780	63,027	16	8.5	159	0.5	86	29	15.4	325	0.7	82
<b>Unknown</b>	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 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. 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 2002. For information about these drug groups, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](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<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

Beneficiary Characteristics	ANTIDEPRESSANTS					ANTICONVULSANT					ANTI-ASTHMATIC				
	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean No. of Rx	Mean Rx \$
<b>All</b>	<b>118,859</b>	<b>10.7 %</b>	<b>1,254,027</b>	<b>0.4</b>	<b>\$26</b>	<b>52,013</b>	<b>4.7 %</b>	<b>567,283</b>	<b>0.6</b>	<b>\$52</b>	<b>199,931</b>	<b>18.1 %</b>	<b>2,156,219</b>	<b>0.3</b>	<b>\$13</b>
<b>Female</b>	88,378	13.6	927,500	0.4	25	32,471	5.0	352,991	0.5	47	106,534	16.4	1,148,742	0.3	13
<b>Disabled</b>	31,899	45.7	362,080	0.5	31	18,216	26.1	207,687	0.6	60	26,955	38.6	309,423	0.4	21
5 and younger	26	0.8	301	0.4	22	403	11.8	4,692	0.7	85	1,551	45.5	17,757	0.3	20
6-14	900	12.6	10,414	0.5	30	1,323	18.6	15,244	0.7	91	2,198	30.9	25,627	0.3	19
15-20	1,101	21.7	12,648	0.4	31	1,104	21.7	12,717	0.8	94	1,024	20.2	11,982	0.3	18
21-44	11,837	53.2	135,040	0.4	30	7,149	32.2	81,433	0.6	64	7,012	31.5	81,102	0.3	17
45-64	18,030	56.5	203,644	0.5	31	8,234	25.8	93,577	0.6	45	15,160	47.5	172,875	0.4	23
65-74	5	15.2	33	0.6	36	3	9.1	24	0.9	43	10	30.3	80	0.2	10
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
<b>Other Eligibles</b>	56,479	9.7	565,420	0.3	21	14,255	2.5	145,304	0.4	28	79,579	13.7	839,319	0.2	11
5 and younger	109	0.1	1,236	0.3	11	431	0.3	4,626	0.4	32	27,058	17.3	290,060	0.2	9
6-14	3,977	2.7	43,732	0.4	22	1,279	0.9	13,797	0.5	45	20,966	14.3	227,673	0.2	12
15-20	7,630	9.6	78,822	0.3	19	1,514	1.9	15,927	0.4	38	8,496	10.7	89,685	0.2	10
21-44	40,296	21.7	396,971	0.3	21	9,856	5.3	99,076	0.4	24	20,465	11.0	205,361	0.2	10
45-64	4,201	37.6	41,766	0.4	26	1,079	9.7	10,902	0.4	31	2,338	20.9	23,793	0.3	16
65-74	95	16.3	1,044	0.5	22	38	6.5	409	0.6	22	112	19.2	1,209	0.5	30
75-84	101	14.4	1,106	0.6	27	37	5.3	360	0.7	35	102	14.5	1,148	0.4	24
85 and older	70	11.0	743	0.6	36	21	3.3	207	0.7	40	42	6.6	390	0.5	24
<b>Male</b>	30,481	6.7	326,527	0.4	27	19,542	4.3	214,292	0.6	59	93,397	20.5	1,007,477	0.2	13
<b>Disabled</b>	16,162	23.7	179,555	0.5	30	14,055	20.6	158,467	0.7	67	18,181	26.7	205,746	0.4	21
5 and younger	72	1.5	836	0.3	11	577	11.9	6,616	0.7	75	2,697	55.4	30,870	0.3	18
6-14	2,360	16.6	27,435	0.5	31	2,449	17.2	28,392	0.7	77	4,652	32.7	54,398	0.3	18
15-20	1,568	18.4	18,079	0.5	34	1,602	18.8	18,495	0.7	93	1,563	18.3	18,151	0.3	18
21-44	5,569	29.2	61,401	0.4	30	5,080	26.6	57,108	0.7	72	2,421	12.7	27,372	0.3	17
45-64	6,589	30.7	71,790	0.5	29	4,337	20.2	47,775	0.6	44	6,838	31.9	74,904	0.5	25
65-74	4	17.4	14	0.4	27	8	34.8	57	0.6	36	10	43.5	51	0.4	20
75-84	0	0.0	0	0.0	0	2	100.0	24	0.8	58	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
<b>Other Eligibles</b>	14,319	3.7	146,972	0.4	23	5,487	1.4	55,825	0.4	38	75,216	19.4	801,731	0.2	12
5 and younger	218	0.1	2,494	0.2	10	649	0.4	7,071	0.4	36	38,761	24.0	412,309	0.2	10
6-14	6,020	4.1	66,041	0.4	24	1,832	1.3	19,831	0.5	45	28,418	19.4	307,366	0.2	13
15-20	2,935	5.8	30,934	0.3	24	913	1.8	9,512	0.4	46	5,598	11.1	59,199	0.2	12
21-44	4,065	16.5	37,027	0.3	20	1,667	6.7	15,243	0.4	28	1,769	7.2	16,414	0.3	13
45-64	982	24.1	9,381	0.4	23	397	9.7	3,858	0.4	33	574	14.1	5,406	0.3	17
65-74	33	9.1	361	0.6	43	7	1.9	74	0.6	48	49	13.6	531	0.3	20
75-84	44	15.3	480	0.6	34	12	4.2	142	0.6	38	34	11.8	374	0.4	19
85 and older	22	11.7	254	0.6	37	10	5.3	94	0.7	21	13	6.9	132	0.3	8
<b>Unknown</b>	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 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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 2002. 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 2002. For information about these drug groups, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](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<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

Beneficiary Characteristics	ANTI-HISTAMINES				ANALGESICS - Narcotic				STIMULANTS/ANTI-OBESITY/ANOREXIANTS						
	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 \$
<b>All</b>	<b>195,436</b>	<b>17.7 %</b>	<b>2,106,529</b>	<b>0.2</b>	<b>\$10</b>	<b>265,040</b>	<b>24.0 %</b>	<b>2,767,771</b>	<b>0.2</b>	<b>\$7</b>	<b>59,661</b>	<b>5.4 %</b>	<b>650,463</b>	<b>0.4</b>	<b>\$30</b>
<b>Female</b>	121,710	18.7	1,302,174	0.2	10	198,611	30.5	2,070,755	0.2	6	24,264	3.7	263,737	0.4	25
<b>Disabled</b>	21,439	30.7	247,449	0.3	14	47,297	67.8	539,609	0.3	14	5,200	7.5	60,506	0.4	30
5 and younger	680	20.0	7,873	0.2	7	319	9.4	3,688	0.1	1	88	2.6	1,005	0.3	21
6-14	1,887	26.5	22,049	0.2	15	831	11.7	9,750	0.1	2	1,579	22.2	18,292	0.5	34
15-20	1,375	27.1	16,009	0.2	13	1,544	30.4	18,016	0.2	4	403	7.9	4,759	0.4	31
21-44	7,005	31.5	81,180	0.3	12	17,401	78.3	199,548	0.3	13	1,458	6.6	17,009	0.3	25
45-64	10,488	32.9	120,311	0.3	17	27,189	85.2	308,508	0.3	16	1,672	5.2	19,441	0.3	31
65-74	4	12.1	27	0.3	10	12	36.4	87	0.7	37	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	1	50.0	12	0.1	1	0	0.0	0	0.0	0
<b>Other Eligibles</b>	100,271	17.3	1,054,725	0.2	8	151,314	26.1	1,531,146	0.2	4	19,064	3.3	203,231	0.4	24
5 and younger	21,536	13.8	234,706	0.1	5	4,557	2.9	50,600	0.1	1	540	0.3	6,052	0.3	16
6-14	28,267	19.3	307,088	0.2	12	9,215	6.3	100,898	0.1	1	8,643	5.9	93,909	0.5	30
15-20	14,431	18.2	150,528	0.2	8	24,049	30.3	247,442	0.1	2	1,565	2.0	16,968	0.3	24
21-44	33,411	18.0	335,182	0.2	7	106,194	57.2	1,057,096	0.2	4	7,810	4.2	81,025	0.2	18
45-64	2,437	21.8	25,078	0.2	13	6,842	61.3	70,145	0.3	9	501	4.5	5,217	0.3	25
65-74	74	12.7	850	0.2	10	186	31.9	2,006	0.2	7	2	0.3	24	0.3	34
75-84	74	10.5	857	0.3	17	185	26.4	2,085	0.3	10	1	0.1	12	0.6	64
85 and older	41	6.4	436	0.3	13	86	13.5	874	0.4	8	2	0.3	24	0.5	13
<b>Male</b>	73,726	16.2	804,355	0.2	11	66,429	14.6	697,016	0.2	9	35,397	7.8	386,726	0.5	33
<b>Disabled</b>	12,322	18.1	141,713	0.3	15	26,157	38.4	289,187	0.3	16	8,101	11.9	93,640	0.5	35
5 and younger	1,188	24.4	13,797	0.2	8	561	11.5	6,467	0.1	1	316	6.5	3,623	0.3	17
6-14	3,676	25.8	43,082	0.3	16	1,425	10.0	16,761	0.1	2	5,804	40.7	67,323	0.5	37
15-20	1,460	17.1	17,043	0.2	15	1,650	19.3	19,230	0.1	3	1,279	15.0	14,806	0.5	36
21-44	2,824	14.8	32,310	0.3	15	9,070	47.5	100,264	0.3	16	410	2.1	4,607	0.4	30
45-64	3,173	14.8	35,473	0.3	16	13,443	62.7	146,403	0.4	20	292	1.4	3,281	0.4	31
65-74	1	4.3	8	0.3	9	7	30.4	50	0.2	9	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	1	50.0	12	0.2	2	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
<b>Other Eligibles</b>	61,404	15.8	662,642	0.2	10	40,272	10.4	407,829	0.2	5	27,296	7.0	293,086	0.5	32
5 and younger	24,244	15.0	263,646	0.2	6	6,453	4.0	70,848	0.1	1	1,531	0.9	16,961	0.3	17
6-14	28,815	19.7	313,071	0.2	13	9,523	6.5	105,014	0.1	1	23,090	15.8	247,665	0.5	33
15-20	5,684	11.2	60,744	0.2	11	8,447	16.7	87,109	0.1	2	2,343	4.6	25,305	0.4	31
21-44	2,132	8.6	19,935	0.2	8	13,191	53.4	119,541	0.3	10	275	1.1	2,604	0.3	23
45-64	452	11.1	4,394	0.2	13	2,483	60.9	23,388	0.3	14	56	1.4	539	0.3	27
65-74	42	11.6	456	0.4	17	91	25.2	965	0.3	10	0	0.0	0	0.0	0
75-84	26	9.1	293	0.3	14	52	18.1	599	0.3	15	1	0.3	12	0.3	8
85 and older	9	4.8	103	0.2	12	32	17.0	365	0.3	8	0	0.0	0	0.0	0
<b>Unknown</b>	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 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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 2002. 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 2002. For information about these drug groups, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](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<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

Beneficiary Characteristics	ANTIVIRAL				MISC. HEMATOLOGICAL						
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Benes	No. of Bene Mos
<b>All</b>	<b>20,257</b>	<b>1.8%</b>	<b>215,370</b>	<b>0.3</b>	<b>4,703</b>	<b>0.4%</b>	<b>51,142</b>	<b>0.5</b>	<b>\$325</b>	<b>1,106,359</b>	<b>10,047,889</b>
<b>Female</b>	13,725	2.1	145,411	0.3	2,710	0.4	30,147	0.5	47	650,359	5,823,067
<b>Disabled</b>	3,860	5.5	43,754	0.4	2,219	3.2	25,065	0.5	48	69,772	742,003
5 and younger	44	1.3	482	0.4	1	0.0	12	2.8	1,215	3,408	34,274
6-14	194	2.7	2,239	0.4	1	0.0	12	0.1	48	7,121	79,913
15-20	145	2.9	1,661	0.3	7	0.1	84	0.3	664	5,077	56,066
21-44	2,051	9.2	23,341	0.4	265	1.2	3,011	0.4	38	22,233	238,704
45-64	1,426	4.5	16,031	0.3	1,943	6.1	21,929	0.5	46	31,896	332,916
65-74	0	0.0	0	0.0	2	6.1	17	0.2	17	33	113
75-84	0	0.0	0	0.0	0	0.0	0	0.0	0	2	2
85 and older	0	0.0	0	0.0	0	0.0	0	0.0	0	2	15
<b>Other Eligibles</b>	9,865	1.7	101,657	0.2	491	0.1	5,082	0.4	42	580,587	5,081,064
5 and younger	780	0.5	8,496	0.1	3	0.0	26	0.2	28	156,177	1,408,243
6-14	1,214	0.8	13,373	0.2	5	0.0	60	0.2	270	146,236	1,402,435
15-20	1,519	0.9	15,780	0.2	12	0.0	134	0.2	132	79,317	687,178
21-44	6,028	3.2	60,631	0.2	224	0.1	2,262	0.3	32	185,768	1,476,310
45-64	310	2.8	3,221	0.3	167	1.5	1,726	0.3	37	11,167	95,402
65-74	2	0.3	22	0.1	22	3.8	234	0.4	39	583	4,415
75-84	7	1.0	78	0.1	33	4.7	378	0.5	48	702	4,239
85 and older	5	0.8	56	0.1	25	3.9	262	0.7	65	637	2,842
<b>Male</b>	6,532	1.4	69,959	0.3	1,993	0.4	20,995	0.5	724	455,994	4,224,810
<b>Disabled</b>	3,568	5.2	38,617	0.4	1,654	2.4	17,797	0.5	740	68,186	702,123
5 and younger	73	1.5	830	0.3	16	0.3	184	0.5	5,048	4,867	50,430
6-14	265	1.9	3,142	0.4	25	0.2	300	0.8	14,267	14,244	159,181
15-20	121	1.4	1,419	0.2	18	0.2	194	0.5	12,195	8,534	93,298
21-44	1,795	9.4	18,818	0.5	165	0.9	1,752	0.4	2,771	19,084	193,672
45-64	1,314	6.1	14,408	0.5	1,429	6.7	15,363	0.5	48	21,431	205,419
65-74	0	0.0	0	0.0	1	4.3	4	0.3	25	23	98
75-84	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	1	1
<b>Other Eligibles</b>	2,964	0.8	31,342	0.2	339	0.1	3,198	0.4	635	387,808	3,522,687
5 and younger	938	0.6	10,136	0.1	19	0.0	201	0.2	403	161,487	1,454,891
6-14	1,049	0.7	11,567	0.2	30	0.0	309	0.4	5,225	146,132	1,402,257
15-20	459	0.9	4,866	0.2	14	0.0	137	0.2	1,043	50,574	456,237
21-44	411	1.7	3,834	0.3	107	0.4	925	0.3	123	24,705	172,783
45-64	99	2.4	851	0.4	133	3.3	1,245	0.5	46	4,074	31,006
65-74	2	0.6	17	0.3	15	4.2	165	0.7	59	361	2,634
75-84	3	1.0	36	0.1	11	3.8	108	0.6	46	287	1,888
85 and older	3	1.6	35	0.1	10	5.3	108	0.6	54	188	991
<b>Unknown</b>	0	0.0	0	0.0	0	0.0	0	0.0	0	6	12

Table ND7D

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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 2002. 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 2002. For information about these drug groups, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](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<sup>a, b</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

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
<b>All</b>	<b>\$413</b>	<b>6.7</b>	<b>871</b>	<b>9,906</b>
<b>Age</b>				
0-64	431	6.8	764	8,725
65-74	192	4.2	18	205
75-84	423	7.3	25	279
85 and older	248	5.1	64	697
Unknown	0	0.0	0	0
<b>Gender</b>				
Female	414	6.9	496	5,722
Male	411	6.4	375	4,184
Unknown	0	0.0	0	0
<b>Race</b>				
White	420	6.7	390	4,410
African American	398	6.4	367	4,221
Other/unknown	439	7.7	114	1,275
<b>Basis of Eligibility<sup>c</sup></b>				
Aged	280	5.5	107	1,181
Disabled	431	6.8	764	8,725
Adults	0	0.0	0	0
Children	0	0.0	0	0
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2002 Medicaid enrollment. A total of 1,283 beneficiaries who were in nursing facilities for part of their enrollment and their 12,730 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<sup>a, b, c, d, e</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			\$ per Rx			Users							
	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 # of Rx	Total Rx \$	No.	As % of All-Year NF Residents	No. of Bene Mos			
Anti-infective Agents	0.5	0.3	0.0	0.2	\$62	\$52	\$4	\$6	\$118	\$170	\$127	\$32	3,564	\$421,941	590	67.7 %	6,851
Biologicals	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0	0
Antineoplastic Agents	0.6	0.1	0.0	0.5	128	73	2	53	210	643	123	111	356	74,774	51	5.9	584
Endocrine/Metabolic Drugs	1.2	0.7	0.2	0.4	57	46	4	7	46	68	24	16	4,815	220,225	340	39.0	3,894
Cardiovascular Agents	1.9	0.6	0.2	1.1	62	40	4	18	33	65	26	16	11,471	374,013	529	60.7	6,005
Respiratory Agents	0.7	0.3	0.1	0.3	34	22	5	7	49	72	64	22	3,491	169,535	432	49.6	5,006
Gastrointestinal Agents	1.2	0.5	0.0	0.7	78	63	1	14	64	122	69	20	7,497	483,549	539	61.9	6,207
Genitourinary Agents	0.6	0.4	0.0	0.2	36	31	2	3	59	78	43	19	1,123	65,945	154	17.7	1,828
CNS Drugs	1.6	0.9	0.1	0.6	126	108	5	13	81	125	68	21	11,350	917,176	634	72.8	7,287
Stimulants/Anti-obesity/Anorexia	0.6	0.1	0.1	0.5	22	13	1	7	35	107	22	16	98	3,382	14	1.6	151
Miscellaneous Psychological/Neurological Agents	0.6	0.6	0.0	0.0	149	148	0	1	240	241	0	118	206	49,342	29	3.3	332
Analgesics and Anesthetics	0.9	0.3	0.1	0.5	54	37	4	12	59	130	43	23	4,553	267,213	440	50.5	4,985
Neuromuscular Agents	1.4	0.5	0.3	0.6	93	56	18	19	68	123	52	33	7,931	537,741	495	56.8	5,782
Nutritional Products	0.7	0.0	0.1	0.6	17	1	2	14	23	39	20	23	2,214	50,805	262	30.1	3,020
Hematological Agents	1.1	0.3	0.5	0.4	79	64	10	5	70	239	20	13	3,455	241,475	272	31.2	3,047
Topical Products	0.6	0.2	0.1	0.2	28	19	3	5	50	79	53	21	3,484	174,355	544	62.5	6,302
Miscellaneous Products	0.3	0.1	0.0	0.2	29	26	0	3	104	251	0	18	228	23,644	69	7.9	802
Unknown Therapeutic Category	0.4	0.0	0.0	0.0	16	0	0	0	43	0	0	0	353	15,030	82	9.4	956
<b>TOTAL NO. OF RX AND RX \$</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	66,189	4,090,145	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. A total of 1,283 beneficiaries who were in nursing facilities for part of their enrollment and their 12,730 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 2002. 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](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](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<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

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
ANTIPSYCHOTICS	\$498,526	328	37.7 %	3,762	0.8	\$172	\$133
ANTICONVULSANT	410,276	510	58.6	5,909	0.9	74	69
ULCER DRUGS	382,200	526	60.4	6,049	0.7	86	63
ANTIDEPRESSANTS	342,290	556	63.8	6,417	0.8	67	53
ANTIDIABETIC	201,568	441	50.6	5,005	0.9	47	40
ANTIVIRAL	176,106	65	7.5	758	0.6	406	232
ANALGESICS - Narcotic	172,503	462	53.0	5,233	0.6	56	33
DERMATOLOGICAL	123,792	776	89.1	9,067	0.2	57	14
ANTIHYPERTENSIVE	117,684	359	41.2	4,071	0.8	37	29
MUSCULOSKELETAL THERAPY AGENTS	101,024	164	18.8	1,953	1.0	52	52
Total	2,525,969	4,187		48,224	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. A total of 1,283 beneficiaries who were in nursing facilities for part of their enrollment and their 12,730 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 2002. 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 2002 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](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<sup>a, b, c, d</sup>  
NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTICONVULSANT				
	No. of Rx	Rx \$	Users as %			Mean Rx \$	No. of Bene Mos among Users	Mean No. of Rx	Users as %			Mean No. of Rx	No. of Bene Mos among Users	Mean Rx \$	
			No. of Users	Residents	NF				No. of Users	Residents	NF				
<b>All</b>	<b>33,108</b>	<b>\$2,525,969</b>	<b>328</b>	<b>37.7 %</b>	<b>3,762</b>	<b>0.8</b>	<b>\$133</b>	<b>510</b>	<b>58.6 %</b>	<b>5,909</b>	<b>0.9</b>	<b>\$69</b>			
<b>Female</b>	19,540	1,410,197	185	37.3	2,131	0.8	138	269	54.2	3,137	1.0	71			
<b>Disabled</b>	18,036	1,311,853	156	37.3	1,820	0.8	145	253	60.5	2,983	1.0	72			
64 or younger	18,036	1,311,853	156	37.3	1,820	0.8	145	253	60.5	2,983	1.0	72			
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			
<b>Other Eligibles</b>	1,504	98,344	29	37.2	311	0.9	94	16	20.5	154	0.7	36			
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
65-74	303	21,334	5	35.7	60	1.1	95	6	42.9	72	0.8	46			
75-84	380	24,189	7	43.8	74	0.9	82	5	31.3	40	0.8	31			
85 and older	821	52,821	17	35.4	177	0.9	98	5	10.4	42	0.5	22			
<b>Male</b>	13,568	1,115,772	143	38.1	1,631	0.7	126	241	64.3	2,772	0.9	68			
<b>Disabled</b>	12,760	1,056,438	135	39.0	1,535	0.7	123	229	66.2	2,628	0.9	69			
64 or younger	12,760	1,056,438	135	39.0	1,535	0.7	123	229	66.2	2,628	0.9	69			
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			
<b>Other Eligibles</b>	808	59,334	8	27.6	96	0.8	173	12	41.4	144	0.8	50			
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0			
65-74	60	2,283	0	0.0	0	0.0	0	3	75.0	36	0.8	33			
75-84	366	32,942	5	55.6	60	0.7	176	7	77.8	84	0.7	56			
85 and older	382	24,109	3	18.8	36	0.8	167	2	12.5	24	1.1	52			
<b>Unknown</b>	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 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. A total of 1,283 beneficiaries who were in nursing facilities for part of their enrollment and their 12,730 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 2002. 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 2002 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](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<sup>a,b,c,d</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

Beneficiary Characteristics	ULCER DRUGS						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					
<b>All</b>	<b>526</b>	<b>60.4 %</b>	<b>0.7</b>	<b>\$63</b>	<b>6,049</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>0.7</b>	<b>556</b>	<b>63.8 %</b>	<b>0.8</b>	<b>\$53</b>	<b>6,417</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>0.8</b>	<b>441</b>	<b>50.6 %</b>	<b>0.9</b>	<b>\$40</b>
<b>Female</b>	294	59.3	0.7	64	3,439	0.7	0.7	0.7	0.7	335	67.5	0.8	54	3,887	0.8	0.8	0.8	0.8	0.8	293	59.1	0.9	41
<b>Disabled</b>	261	62.4	0.8	63	3,072	0.8	0.8	0.8	0.8	300	71.8	0.8	55	3,489	0.8	0.8	0.8	0.8	0.8	278	66.5	0.9	42
64 or younger	261	62.4	0.8	63	3,072	0.8	0.8	0.8	0.8	300	71.8	0.8	55	3,489	0.8	0.8	0.8	0.8	0.8	278	66.5	0.9	42
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	0.0	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	0.0	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	0.0	0.0	0.0	0	0.0	0.0	0
<b>Other Eligibles</b>	33	42.3	0.6	71	367	0.6	0.6	0.6	0.6	35	44.9	0.7	46	398	0.7	0.7	0.7	0.7	0.7	15	19.2	0.7	25
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	0.0	0.0	0.0	0	0.0	0.0	0
65-74	6	42.9	0.8	94	61	0.8	0.8	0.8	0.8	8	57.1	0.6	37	96	0.6	0.6	0.6	0.6	0.6	1	7.1	1.0	36
75-84	7	43.8	0.6	71	84	0.6	0.6	0.6	0.6	7	43.8	0.7	41	84	0.7	0.7	0.7	0.7	0.7	6	37.5	0.6	13
85 and older	20	41.7	0.6	64	222	0.6	0.6	0.6	0.6	20	41.7	0.7	51	218	0.7	0.7	0.7	0.7	0.7	8	16.7	0.7	33
<b>Male</b>	232	61.9	0.7	62	2,610	0.7	0.7	0.7	0.7	221	58.9	0.8	52	2,530	0.8	0.8	0.8	0.8	0.8	148	39.5	0.8	39
<b>Disabled</b>	219	63.3	0.7	62	2,454	0.7	0.7	0.7	0.7	205	59.2	0.8	51	2,338	0.8	0.8	0.8	0.8	0.8	135	39.0	0.8	40
64 or younger	219	63.3	0.7	62	2,454	0.7	0.7	0.7	0.7	205	59.2	0.8	51	2,338	0.8	0.8	0.8	0.8	0.8	135	39.0	0.8	40
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	0.0	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	0.0	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	0.0	0.0	0.0	0	0.0	0.0	0
<b>Other Eligibles</b>	13	44.8	0.8	54	156	0.8	0.8	0.8	0.8	16	55.2	0.9	67	192	0.9	0.9	0.9	0.9	0.9	13	44.8	0.6	22
64 or younger	0	0.0	0.0	0	0	0.0	0.0	0.0	0.0	0	0.0	0.0	0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0
65-74	3	75.0	0.5	25	36	0.5	0.5	0.5	0.5	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	3	33.3	0.8	22	36	0.8	0.8	0.8	0.8	7	77.8	1.0	82	84	1.0	1.0	1.0	1.0	1.0	2	22.2	1.0	47
85 and older	7	43.8	0.9	79	84	0.9	0.9	0.9	0.9	9	56.3	0.9	55	108	0.9	0.9	0.9	0.9	0.9	11	68.8	0.5	18
<b>Unknown</b>	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	0.0	0.0	0.0	0	0.0	0.0	0

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. A total of 1,283 beneficiaries who were in nursing facilities for part of their enrollment and their 12,730 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 2002. 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 2002 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](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<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

Beneficiary Characteristics	ANTIVIRAL					ANALGESICS - Narcotic					DERMATOLOGICAL					
	Users as %					Users as %					Users as %					
	No. of Users	No. of Bene among Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene among Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene among Users	Mean No. of Rx	Mean Rx \$	No. of Rx	Mean Rx \$
<b>All</b>	<b>65</b>	<b>7.5 %</b>	<b>0.6</b>	<b>\$232</b>	<b>0.6</b>	<b>462</b>	<b>53.0 %</b>	<b>0.6</b>	<b>\$33</b>	<b>0.6</b>	<b>776</b>	<b>89.1 %</b>	<b>0.2</b>	<b>\$14</b>	<b>0.2</b>	<b>\$14</b>
<b>Female</b>	31	6.3	0.4	144	0.4	277	55.8	0.6	33	0.6	436	87.9	0.2	11	0.2	11
<b>Disabled</b>	29	6.9	0.4	153	0.4	248	59.3	0.6	35	0.6	380	90.9	0.2	12	0.2	12
64 or younger	29	6.9	0.4	153	0.4	248	59.3	0.6	35	0.6	380	90.9	0.2	12	0.2	12
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
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
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
<b>Other Eligibles</b>	2	2.6	0.1	6	0.1	29	37.2	0.3	15	0.3	56	71.8	0.2	6	0.2	6
64 or younger	0	0.0	0.0	0	0.0	0	0.0	0.0	0	0.0	0	0.0	0.0	0	0.0	0
65-74	0	0.0	0.0	0	0.0	5	35.7	0.1	2	0.1	7	50.0	0.2	6	0.2	6
75-84	1	6.3	0.1	1	0.1	10	62.5	0.3	31	0.3	15	93.8	0.2	3	0.2	3
85 and older	1	2.1	0.1	11	0.1	14	29.2	0.4	7	0.4	34	70.8	0.2	6	0.2	6
<b>Male</b>	34	9.1	0.7	318	0.7	185	49.3	0.6	32	0.6	340	90.7	0.3	17	0.3	17
<b>Disabled</b>	33	9.5	0.8	327	0.8	169	48.8	0.6	32	0.6	318	91.9	0.3	18	0.3	18
64 or younger	33	9.5	0.8	327	0.8	169	48.8	0.6	32	0.6	318	91.9	0.3	18	0.3	18
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
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
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
<b>Other Eligibles</b>	1	3.4	0.1	13	0.1	16	55.2	0.6	35	0.6	22	75.9	0.2	7	0.2	7
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
65-74	0	0.0	0.0	0	0.0	1	25.0	0.3	3	0.3	1	25.0	0.2	1	0.2	1
75-84	0	0.0	0.0	0	0.0	5	55.6	1.3	105	1.3	9	100.0	0.2	10	0.2	10
85 and older	1	6.3	0.1	13	0.1	10	62.5	0.2	4	0.2	12	75.0	0.1	5	0.1	5
<b>Unknown</b>	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 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. A total of 1,283 beneficiaries who were in nursing facilities for part of their enrollment and their 12,730 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 2002. 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 2002 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](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<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

Beneficiary Characteristics	ANTIHYPERTENSIVE										MUSCULOSKELETAL THERAPY AGENTS												
	Users as %					Users as %					Users as %					Users as %							
	No. of Users	No. of All-Year Residents	NF Residents	No. of Bene Mos among Users	Mean Rx	No. of Users	No. of All-Year Residents	NF Residents	No. of Bene Mos among Users	Mean Rx	No. of Users	No. of All-Year Residents	NF Residents	No. of Bene Mos among Users	Mean Rx	No. of Users	No. of All-Year Residents	NF Residents	No. of Bene Mos among Users	Mean Rx	All-Year NF Residents	Bene Mos among All-Year NF Residents	
<b>All</b>	359	41.2 %	0.8	4,071	\$29	164	18.8 %	1.0	\$52	1,953	1.0	18.8 %	1.0	\$52	1,953	1.0	18.8 %	1.0	\$52	871	9,906	871	9,906
<b>Female</b>	218	44.0	0.8	2,515	28	88	17.7	1,041	39	1,041	0.9	17.7	1,041	39	1,041	0.9	17.7	1,041	39	496	5,722	496	5,722
<b>Disabled</b>	186	44.5	0.8	2,156	30	83	19.9	986	40	986	0.9	19.9	986	40	986	0.9	19.9	986	40	418	4,888	418	4,888
64 or younger	186	44.5	0.8	2,156	30	83	19.9	986	40	986	0.9	19.9	986	40	986	0.9	19.9	986	40	418	4,888	418	4,888
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	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	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	0	0	0
<b>Other Eligibles</b>	32	41.0	0.7	359	18	5	6.4	55	11	55	0.3	6.4	55	11	55	0.3	6.4	55	11	78	834	78	834
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	0	0	0
65-74	4	28.6	0.8	48	35	1	7.1	12	29	12	0.3	7.1	12	29	12	0.3	7.1	12	29	14	157	14	157
75-84	8	50.0	0.7	96	24	3	18.8	36	7	36	0.2	18.8	36	7	36	0.2	18.8	36	7	16	171	16	171
85 and older	20	41.7	0.7	215	12	1	2.1	7	3	7	0.3	2.1	7	3	7	0.3	2.1	7	3	48	506	48	506
<b>Male</b>	141	37.6	0.8	1,556	30	76	20.3	912	67	912	1.1	20.3	912	67	912	1.1	20.3	912	67	375	4,184	375	4,184
<b>Disabled</b>	131	37.9	0.8	1,437	31	76	22.0	912	67	912	1.1	22.0	912	67	912	1.1	22.0	912	67	346	3,837	346	3,837
64 or younger	131	37.9	0.8	1,437	31	76	22.0	912	67	912	1.1	22.0	912	67	912	1.1	22.0	912	67	346	3,837	346	3,837
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	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	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	0	0	0
<b>Other Eligibles</b>	10	34.5	0.7	119	20	0	0.0	0	0	0	0.0	0.0	0	0	0	0.0	0.0	0	0	29	347	29	347
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	0	0	0
65-74	1	25.0	0.5	12	14	0	0.0	0	0	0	0.0	0.0	0	0	0	0.0	0.0	0	0	4	48	4	48
75-84	3	33.3	1.0	36	40	0	0.0	0	0	0	0.0	0.0	0	0	0	0.0	0.0	0	0	9	108	9	108
85 and older	6	37.5	0.5	71	10	0	0.0	0	0	0	0.0	0.0	0	0	0	0.0	0.0	0	0	16	191	16	191
<b>Unknown</b>	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	0	0	0

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. A total of 1,283 beneficiaries who were in nursing facilities for part of their enrollment and their 12,730 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 2002. 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 2002 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](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 AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D  
 AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 NORTH CAROLINA, 2002

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 Nondual Rx \$	Total No. of Benes
			Excl Rx	Bene					
<b>All</b>	<b>289,890</b>	<b>26.2 %</b>	<b>0.8</b>	<b>856,669</b>	<b>\$19</b>	<b>\$20,570,673</b>	<b>\$24</b>	<b>4.3 %</b>	<b>1,106,359</b>
<b>Age</b>									
5 and younger	102,000	31.3	0.6	203,501	14	4,477,425	22	8.4	325,939
6-14	60,831	19.4	0.4	110,173	9	2,910,647	26	3.5	313,733
15-20	25,628	17.9	0.4	55,506	13	1,873,694	34	4.4	143,502
21-44	70,227	27.9	1.1	276,092	27	6,748,541	24	4.3	251,790
45-64	30,645	44.7	3.0	207,549	66	4,496,113	22	3.2	68,568
65-74	204	20.4	1.3	1,251	23	22,912	18	2.8	1,000
75-84	219	22.1	1.6	1,572	26	26,155	17	2.7	993
85 and older	136	16.4	1.2	1,025	18	15,186	15	2.8	828
Unknown	0	0.0	0.0	0	0	0	0	0.0	6
<b>Basis of Eligibility<sup>c</sup></b>									
Aged	607	20.7	1.3	3,913	22	64,912	17	2.7	2,927
Disabled	53,363	38.7	2.3	320,110	58	7,993,531	25	3.1	137,958
Adults	61,624	25.3	0.8	206,734	21	5,049,408	24	5.5	243,248
Children	174,296	24.1	0.5	325,912	10	7,462,822	23	6.0	722,226
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Gender</b>									
Female	178,070	27.4	0.9	570,807	21	13,825,605	24	4.8	650,362
Male	111,820	24.5	0.6	285,862	15	6,745,068	24	3.5	455,997
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Race</b>									
White	145,223	31.6	1.0	481,750	24	10,861,920	23	4.4	459,950
African American	97,533	20.7	0.5	234,380	13	6,055,432	26	4.1	470,681
Other/unknown	47,134	26.8	0.8	140,539	21	3,653,321	26	4.5	175,728
<b>Use of Nursing Facilities<sup>d</sup></b>									
Entire year	511	58.7	5.9	5,181	111	96,605	19	2.4	871
Part year	892	69.5	5.5	7,002	109	139,982	20	2.6	1,283
None	288,487	26.1	0.8	844,486	18	20,334,086	24	4.3	1,104,205
<b>Maintenance Assistance Status</b>									
Cash	144,534	29.2	1.1	537,310	27	13,124,693	24	4.0	494,990
Medically needy	1,267	37.9	1.7	5,651	39	131,621	23	3.2	3,341
Poverty related	126,313	23.4	0.5	268,495	11	6,149,677	23	5.2	540,575
Other/unknown	17,776	26.4	0.7	45,213	17	1,164,682	26	4.5	67,453

Table ND11

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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 2002.
- 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 = 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 AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D  
 AMONG NONDUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 NORTH CAROLINA, 2002

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	\$24	\$0	\$0	10,047,889
<b>Age</b>						
5 and younger	0.1	2	22	0	0	2,947,838
6-14	0.0	1	26	0	0	3,043,786
15-20	0.0	1	34	0	0	1,292,779
21-44	0.1	3	24	0	1	2,081,469
45-64	0.3	7	22	0	2	664,743
65-74	0.2	3	18	0	1	7,260
75-84	0.3	4	17	0	1	6,153
85 and older	0.3	4	15	0	1	3,849
Unknown	0.0	0	0	0	0	12
<b>Basis of Eligibility<sup>c</sup></b>						
Aged	0.2	4	17	0	1	18,153
Disabled	0.2	6	25	0	2	1,444,126
Adults	0.1	3	24	0	0	1,900,377
Children	0.0	1	23	0	0	6,685,233
Unknown	0.0	0	0	0	0	0
<b>Gender</b>						
Female	0.1	2	24	0	0	5,823,070
Male	0.1	2	24	0	0	4,224,819
Unknown	0.0	0	0	0	0	0
<b>Race</b>						
White	0.1	3	23	0	1	4,055,247
African American	0.1	1	26	0	0	4,435,407
Other/unknown	0.1	2	26	0	0	1,557,235
<b>Use of Nursing Facilities<sup>d</sup></b>						
Entire year	0.5	10	19	0	3	9,906
Part year	0.6	11	20	0	3	12,730
None	0.1	2	24	0	0	10,025,253
<b>Maintenance Assistance Status</b>						
Cash	0.1	3	24	0	1	4,746,813
Medically needy	0.2	5	23	0	1	25,147
Poverty related	0.1	1	23	0	0	4,614,498
Other/unknown	0.1	2	26	0	0	661,431

Table ND12

Nondual Beneficiaries

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

- 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 2002.
  - 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 = 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 AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D  
FOR SELECTED DRUG CATEGORIES AMONG NONDUALS<sup>a,b,c</sup>  
NORTH CAROLINA, 2002

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
<b>All</b>	<b>334,508</b>	<b>\$61</b>	<b>\$20,570,673</b>	<b>100.0 %</b>	<b>856,669</b>	<b>\$24</b>	<b>100.0 %</b>
Anorexia or weight loss/gain	5,924	145	858,512	4.2	16,002	54	1.9
Fertility drugs	0	0	0	0.0	0	0	0.0
Drugs for cosmetic purposes	330	15	4,848	0.0	448	11	0.1
Cough and cold medications	238,547	48	11,486,126	55.8	454,358	25	53.0
Vitamins and minerals	23,958	71	1,693,345	8.2	86,529	20	10.1
Non-prescription drugs	356	25	8,826	0.0	550	16	0.1
Barbiturates	2,157	60	128,364	0.6	16,827	8	2.0
Benzodiazepines	47,079	77	3,630,396	17.6	242,151	15	28.3
Other Part D Excl Rx Drugs	16,157	171	2,760,256	13.4	39,804	69	4.6

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

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 2002. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2002. 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 = 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<sup>a, b</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

Beneficiary Characteristics	No. of Benes					No. of Bene Mos						
	All	Aged	Disabled	Adults	Children	Unknown	All	Aged	Disabled	Adults	Children	Unknown
<b>All</b>	<b>1,114,468</b>	<b>2,927</b>	<b>138,429</b>	<b>245,158</b>	<b>727,954</b>	<b>0</b>	<b>10,283,126</b>	<b>18,173</b>	<b>1,459,885</b>	<b>1,954,624</b>	<b>6,850,444</b>	<b>0</b>
<b>Age</b>												
5 and younger	328,419	0	8,304	3	320,112	0	3,020,225	0	85,584	5	2,934,636	0
6-14	316,129	0	21,450	98	294,581	0	3,117,052	0	242,195	472	2,874,385	0
15-20	144,590	5	13,668	18,941	111,976	0	1,320,778	44	150,890	133,801	1,036,043	0
21-44	253,649	69	41,462	210,839	1,279	0	2,134,506	417	437,512	1,691,209	5,368	0
45-64	68,854	104	53,482	15,268	0	0	673,263	745	543,442	129,076	0	0
65-74	1,000	938	56	6	0	0	7,288	7,026	220	42	0	0
75-84	993	988	4	1	0	0	6,153	6,122	26	5	0	0
85 and older	828	823	3	2	0	0	3,849	3,819	16	14	0	0
Unknown	6	0	0	0	6	0	12	0	0	0	12	0
<b>Gender</b>												
Female	655,184	2,084	70,016	215,782	367,302	0	5,964,413	12,599	749,781	1,740,578	3,461,455	0
Male	459,284	843	68,413	29,376	360,652	0	4,318,713	5,574	710,104	214,046	3,388,989	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Race</b>												
White	461,669	1,391	51,445	113,710	295,123	0	4,099,147	8,336	527,436	871,108	2,692,267	0
African American	475,822	893	52,671	107,018	315,240	0	4,593,338	5,271	564,017	929,372	3,094,678	0
Other/unknown	176,977	643	34,313	24,430	117,591	0	1,590,641	4,566	368,432	154,144	1,063,499	0
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	871	107	764	0	0	0	9,906	1,181	8,725	0	0	0
Part year	1,283	107	1,154	20	2	0	12,775	991	11,556	204	24	0
None	1,112,314	2,713	136,511	245,138	727,952	0	10,260,445	16,001	1,439,604	1,954,420	6,850,420	0
<b>Maintenance Assistance Status</b>												
Cash	499,216	1,285	110,580	168,099	219,252	0	4,883,270	8,843	1,229,487	1,447,426	2,197,514	0
Medically needy	3,342	103	1,130	1,507	602	0	25,342	410	9,818	10,563	4,551	0
Poverty related	543,948	1,539	26,718	53,982	461,709	0	4,694,250	8,920	220,574	292,148	4,172,608	0
Other/unknown	67,962	0	1	21,570	46,391	0	680,264	0	6	204,487	475,771	0
<b>Managed Care Status</b>												
FFS all year	1,080,261	2,922	136,534	236,860	703,945	0	9,936,662	18,113	1,438,183	1,873,785	6,606,581	0
FFS part year, with Rx claims	17,621	5	1,218	5,257	11,141	0	194,872	60	14,315	55,988	124,509	0
FFS part year, no Rx claims	8,477	0	206	1,131	7,140	0	86,422	0	2,370	10,176	73,876	0
MC all year, with Rx claims	4,189	0	345	1,273	2,571	0	39,331	0	3,796	11,307	24,228	0
MC all year, no Rx claims	3,920	0	126	637	3,157	0	25,839	0	1,221	3,368	21,250	0

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

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<sup>a</sup>  
 NONDUAL BENEFICIARIES, NORTH CAROLINA, 2002

	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
<b>All</b>	<b>1,114,468</b>	<b>10,283,126</b>	<b>1,106,359</b>	<b>10,047,889</b>	<b>0</b>	<b>235,237</b>
FFS all year	1,080,261	9,936,662	1,080,261	9,936,662	0	0
FFS part year, with Rx claims	17,621	194,872	17,621	74,296	0	120,576
FFS part year, with no Rx claims	8,477	86,422	8,477	36,931	0	49,491
MC all year, with Rx claims	4,189	39,331	0	0	0	39,331
MC all year, with no Rx claims	3,920	25,839	0	0	0	25,839

Source: Data for this table are from the MAX 2002 file for North Carolina, released by CMS in 07/2006. This table was produced on 04/19/2007.

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.