

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

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TABLE D.2
 CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a,b}
 DUAL ELIGIBLE 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	221,891	137,028	82,965	1,881	17	0		2,439,419	1,502,535	923,553	13,172	159	0	
Age														
5 and younger	13	0	12	0	1	0		129	0	120	0	9	0	
6-14	28	0	23	0	5	0		306	0	257	0	49	0	
15-20	363	0	350	3	10	0		4,038	0	3,918	22	98	0	
21-44	34,016	0	32,785	1,230	1	0		372,912	0	363,874	9,035	3	0	
45-64	49,680	17	49,106	557	0	0		552,302	176	548,654	3,472	0	0	
65-74	54,683	54,144	455	84	0	0		606,642	601,911	4,131	600	0	0	
75-84	51,316	51,161	150	5	0	0		566,969	565,225	1,712	32	0	0	
85 and older	31,792	31,706	84	2	0	0		336,121	335,223	887	11	0	0	
Unknown	0	0	0	0	0	0		0	0	0	0	0	0	
Gender														
Female	151,044	105,718	44,173	1,144	9	0		1,667,803	1,165,233	494,156	8,328	86	0	
Male	70,847	31,310	38,792	737	8	0		771,616	337,302	429,397	4,844	73	0	
Unknown	0	0	0	0	0	0		0	0	0	0	0	0	
Race														
White	110,893	69,603	40,273	1,007	10	0		1,205,259	750,999	447,229	6,939	92	0	
African American	81,202	48,170	32,381	647	4	0		904,572	537,935	361,947	4,648	42	0	
Other/unknown	29,796	19,255	10,311	227	3	0		329,588	213,601	114,377	1,585	25	0	
Use of Nursing Facilities^c														
Entire year	15,035	13,861	1,174	0	0	0		165,293	151,902	13,391	0	0	0	
Part year	14,429	12,817	1,606	6	0	0		142,466	125,261	17,138	67	0	0	
None	192,427	110,350	80,185	1,875	17	0		2,131,660	1,225,372	893,024	13,105	159	0	
Maintenance Assistance Status														
Cash	114,536	68,710	44,315	1,508	3	0		1,292,389	775,474	506,409	10,474	32	0	
Medically needy	5,805	4,567	1,161	76	1	0		57,623	45,307	11,722	588	6	0	
Poverty-related	101,390	63,751	37,489	140	10	0		1,088,165	681,754	405,422	894	95	0	
Other/unknown	160	0	0	157	3	0		1,242	0	0	1,216	26	0	
Dual Medicare Status^d														
Full dual, all year	214,695	132,734	80,080	1,864	17	0		2,359,137	1,454,771	891,222	12,985	159	0	
Full dual, part year	7,196	4,294	2,885	17	0	0		80,282	47,764	32,331	187	0	0	
Managed Care Status														
FFS all year	221,339	136,947	82,541	1,835	16	0		2,436,086	1,502,039	920,902	12,992	153	0	
FFS part year, with Rx claims	502	75	385	41	1	0		3,081	458	2,451	166	6	0	
FFS part year, no Rx claims	50	6	39	5	0	0		252	38	200	14	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 D.2 includes the beneficiaries represented by Cell G 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.
- d. The "Full dual, all year" group contains beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefits during all months of Medicaid enrollment in 2001. The "Full dual, part year" group contains beneficiaries who had such benefits for some, but not all, months of their enrollment. Refer to footnote g of Table 1 for more information about how we determined dual eligibility status.

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 D.3
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC^{a,b}
 DUAL ELIGIBLE 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	91.7 %	42.9	\$2,352	\$56	\$9,955	23.9 %	221,891
Age							
5 and younger	92.3	49.6	5,047	102	33,280	15.2	13
6-14	96.4	50.2	6,798	136	14,097	48.2	28
15-20	77.7	18.6	1,673	90	9,366	17.9	363
21-44	86.0	30.4	2,441	80	9,484	25.7	34,016
45-64	91.8	46.5	2,865	62	9,706	29.5	49,680
65-74	91.6	44.2	2,264	51	7,587	29.8	54,683
75-84	93.7	45.9	2,238	49	10,190	22.0	51,316
85 and older	94.8	43.6	1,998	46	14,533	13.8	31,792
Unknown	0.0	0.0	0	0	0	0.0	0
Basis of Eligibility^c							
Aged	93.1	44.8	2,196	49	10,163	21.6	137,028
Disabled	89.5	40.2	2,710	67	9,743	27.8	82,965
Adults	81.3	21.6	1,409	65	4,140	34.0	1,881
Children	88.2	29.1	4,352	150	8,574	50.8	17
Unknown	0.0	0.0	0	0	0	0.0	0
Gender							
Female	94.0	47.0	2,487	53	10,108	24.6	151,044
Male	86.8	34.1	2,157	63	9,628	22.4	70,847
Unknown	0.0	0.0	0	0	0	0.0	0
Race							
White	92.3	47.6	2,705	57	11,196	24.2	110,893
African American	90.8	36.7	1,975	54	8,901	22.2	81,202
Other/unknown	92.0	42.2	2,286	54	8,207	27.9	29,796
Use of Nursing Facilities^d							
Entire year	96.8	59.6	3,093	52	33,458	9.2	15,035
Part year	95.8	48.5	2,604	54	18,852	13.8	14,429
None	91.0	41.1	2,309	56	7,451	31.0	192,427
Maintenance Assistance Status							
Cash	92.2	43.3	2,432	56	7,714	31.5	114,536
Medically needy	90.6	47.6	2,582	54	23,270	11.1	5,805
Poverty related	91.2	42.2	2,314	55	11,732	19.7	101,390
Other/unknown	86.3	26.6	1,812	68	4,361	41.5	160

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 D.3 includes beneficiaries represented by Cell G 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 D.4
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 DUAL ELIGIBLE 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	3.9	\$217	23.9 %	8.3 %	17.2 %	12.9 %	37.2 %	20.5 %	3.8 %	\$906	221,891	2,439,419
Age												
5 and younger	5.0	509	15.2	7.7	0.0	0.0	69.2	15.4	7.7	3,354	13	129
6-14	4.6	622	48.2	3.6	0.0	10.7	64.3	17.9	3.6	1,290	28	306
15-20	1.7	150	17.9	22.3	40.5	13.2	16.5	6.6	0.8	842	363	4,038
21-44	2.8	223	25.7	14.0	29.2	13.6	29.4	11.4	2.3	865	34,016	372,912
45-64	4.2	258	29.5	8.2	16.1	12.0	36.3	22.1	5.2	873	49,680	552,302
65-74	4.0	204	29.8	8.4	15.9	12.8	38.0	21.0	3.9	684	54,683	606,642
75-84	4.2	203	22.0	6.3	13.9	12.9	40.0	23.1	3.8	922	51,316	566,969
85 and older	4.1	189	13.8	5.2	13.6	13.6	41.4	23.3	2.9	1,375	31,792	336,121
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Basis of Eligibility^c												
Aged	4.1	200	21.6	6.9	14.6	13.0	39.5	22.3	3.7	927	137,028	1,502,535
Disabled	3.6	243	27.8	10.5	21.4	12.7	33.6	17.8	4.1	875	82,965	923,553
Adults	3.1	201	34.0	18.7	23.7	12.4	31.8	11.1	2.3	591	1,881	13,172
Children	3.1	465	50.8	11.8	29.4	11.8	35.3	11.8	0.0	917	17	159
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Gender												
Female	4.3	225	24.6	6.0	14.4	12.5	39.4	23.2	4.5	915	151,044	1,667,803
Male	3.1	198	22.4	13.2	23.3	13.7	32.6	15.0	2.3	884	70,847	771,616
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Race												
White	4.4	249	24.2	7.7	13.9	11.4	37.3	24.3	5.3	1,030	110,893	1,205,259
African American	3.3	177	22.2	9.2	21.3	14.8	37.2	15.8	1.8	799	81,202	904,572
Other/unknown	3.8	207	27.9	8.0	18.6	13.3	37.0	19.5	3.6	742	29,796	329,588
use of nursing Facilities^d												
Entire year	5.4	281	9.2	3.2	7.4	9.8	37.3	33.6	8.6	3,043	15,035	165,293
Part year	4.9	264	13.8	4.2	10.3	11.6	40.1	28.1	5.7	1,909	14,429	142,466
None	3.7	209	31.0	9.0	18.5	13.2	37.0	19.0	3.3	673	192,427	2,131,660
Maintenance Assistance Status												
Cash	3.8	216	31.5	7.8	18.0	12.9	37.1	20.6	3.6	684	114,536	1,292,389
Medically needy	4.8	260	11.1	9.4	11.2	11.0	34.9	26.5	7.0	2,344	5,805	57,623
Poverty related	3.9	216	19.7	8.8	16.7	13.0	37.5	20.2	3.8	1,093	101,390	1,088,165
Other/unknown	3.4	233	41.5	13.8	29.4	7.5	31.9	12.5	5.0	562	160	1,242

Table D4

Dual Eligible 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 D.4 includes the beneficiaries represented by Cell G 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 D.5
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC^{a, b, c}
 DUAL ELIGIBLE BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	All Rx			Patented Brand-Name Drugs			Off-Patent Brand-Name Drugs			Generic Drugs		
	No. of Rx	Rx \$	\$ per Rx	No. of Rx	Rx \$	\$ per Rx	No. of Rx	Rx \$	\$ per Rx	No. of Rx	Rx \$	\$ per Rx
All	3.9	\$217	\$56	1.9	\$165	\$88	0.3	\$14	\$47	1.7	\$37	\$22
Age												
5 and younger	5.0	509	102	1.8	395	219	0.6	17	28	2.5	94	38
6-14	4.6	622	136	2.0	487	244	0.7	82	119	1.9	53	28
15-20	1.7	150	90	0.8	112	138	0.1	19	133	0.7	19	27
21-44	2.8	223	80	1.4	175	130	0.2	16	84	1.2	31	26
45-64	4.2	258	62	2.1	200	95	0.3	16	60	1.8	41	23
65-74	4.0	204	51	2.0	156	79	0.3	12	42	1.7	36	21
75-84	4.2	203	49	2.0	151	77	0.3	13	37	1.8	38	21
85 and older	4.1	189	46	1.8	135	76	0.4	14	34	1.9	40	21
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Basis of Eligibility^d												
Aged	4.1	200	49	1.9	149	78	0.3	13	38	1.8	38	21
Disabled	3.6	243	67	1.8	190	105	0.2	16	67	1.6	37	24
Adults	3.1	201	65	1.5	156	104	0.2	14	77	1.4	32	23
Children	3.1	465	150	1.2	270	231	0.7	163	218	1.2	32	27
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Gender												
Female	4.3	225	53	2.1	171	83	0.3	14	44	1.8	39	21
Male	3.1	198	63	1.5	151	102	0.2	13	56	1.4	34	24
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Race												
White	4.4	249	57	2.1	188	90	0.4	17	48	1.9	43	23
African American	3.3	177	54	1.6	136	85	0.2	11	45	1.5	31	21
Other/unknown	3.8	207	54	1.9	158	85	0.3	13	46	1.7	36	21
Use of Nursing Facilities^e												
Entire year	5.4	281	52	2.4	203	85	0.6	23	38	2.4	54	23
Part year	4.9	264	54	2.2	195	87	0.5	20	41	2.2	48	22
None	3.7	209	56	1.8	160	88	0.3	13	49	1.6	35	22
Maintenance Assistance Status												
Cash	3.8	216	56	1.8	164	89	0.3	14	49	1.7	37	22
Medically needy	4.8	260	54	2.2	192	88	0.5	20	39	2.1	48	23
Poverty related	3.9	216	55	1.9	164	87	0.3	14	45	1.7	37	22
Other/unknown	3.4	233	68	1.6	170	107	0.3	26	95	1.6	37	24

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 D.5 includes the beneficiaries represented by Cell G 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 D.6

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

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	Generic	Total No. of Rx	Total Rx \$	No. Dual Benes	As % of Bene Mos			
															Generic	Patented Brand-Name	Off-Patent Brand-Name
Anti-infective Agents	0.3	0.2	0.0	0.1	\$22	\$20	\$0	\$2	\$74	\$114	\$52	\$16	417,945	\$31,025,038	122,285	55.1 %	1,391,289
Biologics	0.5	0.1	0.0	0.5	####	47	30	####	3777	633	2,162	4,334	236	891,293	38	0.0	434
Antineoplastic Agents	0.4	0.2	0.1	0.2	80	48	20	13	180	237	202	88	42,487	7,629,631	8,792	4.0	95,019
Endocrine/Metabolic Drugs	0.9	0.5	0.1	0.2	37	31	2	3	43	59	18	15	937,798	40,211,152	97,276	43.8	1,101,070
Cardiovascular Agents	1.6	0.7	0.1	0.8	59	38	3	17	37	57	29	21	2,657,192	98,622,093	149,709	67.5	1,685,314
Respiratory Agents	0.6	0.4	0.0	0.2	30	25	1	5	48	63	27	22	703,545	33,806,936	99,977	45.1	1,140,523
Gastrointestinal Agents	0.7	0.4	0.0	0.2	62	53	2	7	91	129	96	27	761,103	69,489,973	99,280	44.7	1,123,000
Genitourinary Agents	0.4	0.3	0.0	0.1	22	20	0	2	57	68	47	20	130,803	7,454,537	29,326	13.2	335,668
CNS Drugs	1.0	0.5	0.1	0.5	78	58	7	13	77	125	131	26	1,291,535	99,340,234	112,961	50.9	1,269,313
Stimulants/Anti-obesity/Anorexia	0.4	0.3	0.0	0.1	34	30	1	3	91	112	59	37	22,761	2,072,781	5,286	2.4	61,036
Miscellaneous Psychological/Neurological Agents	0.5	0.4	0.0	0.1	58	56	0	2	118	129	83	39	58,117	6,872,686	10,574	4.8	118,499
Analgesics and Anesthetics	0.7	0.3	0.0	0.4	40	31	3	7	57	106	80	18	1,009,912	57,794,589	127,271	57.4	1,442,395
Neuromuscular Agents	0.7	0.3	0.1	0.4	43	31	4	8	59	111	39	24	487,654	28,700,697	58,676	26.4	667,347
Nutritional Products	0.5	0.0	0.2	0.3	11	0	5	6	20	15	28	17	286,794	5,805,355	47,872	21.6	538,862
Hematological Agents	0.6	0.2	0.2	0.2	41	32	4	5	67	155	23	22	287,507	19,346,325	41,618	18.8	466,691
Topical Products	0.4	0.2	0.0	0.1	16	12	1	3	41	55	43	20	369,151	15,200,541	83,787	37.8	960,154
Miscellaneous Products	0.4	0.1	0.1	0.2	73	41	18	15	199	402	309	72	15,301	3,046,820	3,764	1.7	41,492
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	9	0	0	0	33	0	0	0	34,558	1,127,512	11,311	5.1	129,131
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.	9,514,399	528,438,193	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 D.6 includes the beneficiaries represented by Cell G 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 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. 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 D.7
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP^{a, b, c}
 DUAL ELIGIBLE BENEFICIARIES, NORTH CAROLINA, 2001

Top 10 Drug Groups	Users			Among Users			
	Total Medicaid Rx \$	No.	As % of Dual Benes	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo
ULCER DRUGS	\$62,654,871	100,126	45.1 %	1,139,018	0.5	\$107	\$55
ANTIPSYCHOTICS	49,458,206	44,047	19.9	497,125	0.6	162	99
ANTIDEPRESSANTS	34,507,194	86,760	39.1	980,344	0.5	66	35
ANTIDIABETIC	30,983,999	78,918	35.6	897,844	0.6	56	35
ANALGESICS - ANTI-INFLAMMATORY	30,909,427	91,853	41.4	1,061,585	0.4	79	29
ANTIHYPERTENSIVE	27,729,915	103,747	46.8	1,181,057	0.6	40	23
ANTIHYPERTENSIVE	26,069,580	45,390	20.5	523,449	0.6	84	50
ANALGESICS - Narcotic	23,858,636	141,516	63.8	1,611,999	0.3	45	15
ANTICONVULSANT	22,678,177	44,352	20.0	503,650	0.6	71	45
CALCIUM BLOCKERS	21,895,082	56,075	25.3	636,836	0.7	51	34
Total	330,745,087	792,784		9,032,907	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 D.7 includes the beneficiaries represented by Cell G 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; n.a. = not applicable.

TABLE D.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}
 DUAL ELIGIBLE BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	All Top 10 Drug Groups					ULCER DRUGS					ANTIPSYCHOTICS						
	No. of Rx	Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	4,650,242	\$330,745,087	100,126	45.1 %	1,139,018	0.5	\$55	44,047	19.9 %	497,125	0.6	\$100					
Female	3,407,312	234,179,906	73,485	48.7	837,881	0.5	55	27,608	18.3	310,443	0.6	85					
Disabled	1,064,523	84,896,968	23,086	52.3	266,656	0.5	55	11,332	25.7	130,676	0.6	103					
5 and younger	48	1,645	4	66.7	40	0.3	14	0	0.0	0	0.0	0					
6-14	143	7,572	3	33.3	33	0.7	50	0	0.0	0	0.0	0					
15-20	1,252	95,129	41	27.5	478	0.2	28	25	16.8	289	0.3	61					
21-44	269,769	24,130,211	6,003	40.6	69,418	0.4	48	4,732	32.0	54,767	0.6	103					
45-64	783,665	60,061,531	16,798	58.4	194,130	0.5	58	6,517	22.7	74,993	0.6	103					
65-74	5,917	375,007	144	50.5	1,526	0.5	50	37	13.0	402	0.6	68					
75-84	2,407	148,826	55	52.9	623	0.5	53	12	11.5	140	0.6	64					
85 and older	1,322	77,047	38	52.8	408	0.6	58	9	12.5	85	0.5	43					
Other Eligibles	2,342,789	149,282,938	50,399	47.2	571,225	0.5	55	16,276	15.2	179,767	0.6	73					
5 and younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
6-14	15	818	1	100.0	12	1.0	65	0	0.0	0	0.0	0					
15-20	51	5,083	2	18.2	21	0.1	7	1	9.1	11	0.9	75					
21-44	9,385	744,359	278	33.1	2,669	0.4	43	135	16.1	1,277	0.4	56					
45-64	3,787	281,694	111	41.6	1,080	0.4	45	20	7.5	169	0.5	52					
65-74	918,057	60,284,979	18,625	49.3	214,752	0.5	55	4,715	12.5	53,659	0.6	87					
75-84	914,490	57,718,651	19,301	47.4	219,998	0.5	55	6,255	15.4	69,197	0.6	72					
85 and older	497,004	30,247,354	12,081	44.3	132,693	0.6	56	5,150	18.9	55,454	0.5	61					
Male	1,242,930	96,565,181	26,641	37.6	301,137	0.5	55	16,439	23.2	186,682	0.7	123					
Disabled	690,819	61,090,648	13,405	34.6	153,899	0.5	55	11,588	29.9	133,741	0.7	140					
5 and younger	7	782	2	33.3	24	0.3	32	0	0.0	0	0.0	0					
6-14	175	13,216	9	64.3	108	0.4	48	0	0.0	0	0.0	0					
15-20	1,455	151,046	33	16.4	346	0.3	35	46	22.9	524	0.5	104					
21-44	265,414	26,764,530	4,909	27.3	56,844	0.5	52	6,400	35.6	73,860	0.7	141					
45-64	420,973	33,997,207	8,367	41.1	95,747	0.5	56	5,122	25.2	59,195	0.7	141					
65-74	1,822	105,173	58	34.1	511	0.5	53	13	7.6	83	0.7	99					
75-84	838	51,093	22	47.8	259	0.4	45	5	10.9	55	0.4	31					
85 and older	135	7,601	5	41.7	60	0.5	34	2	16.7	24	0.1	1					
Other Eligibles	552,111	35,474,533	13,236	41.3	147,238	0.5	54	4,851	15.1	52,941	0.6	79					
5 and younger	5	213	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
6-14	34	1,502	1	25.0	12	0.1	4	0	0.0	0	0.0	0					
15-20	46	3,469	1	50.0	12	1.0	25	0	0.0	0	0.0	0					
21-44	4,817	380,969	111	28.5	1,057	0.4	48	41	10.5	383	0.4	56					
45-64	2,781	222,321	90	29.3	701	0.5	55	13	4.2	86	0.3	71					
65-74	300,281	19,673,744	6,776	41.1	76,730	0.5	55	2,277	13.8	25,708	0.6	90					
75-84	178,860	11,163,776	4,423	42.3	49,275	0.5	53	1,637	15.7	17,549	0.6	75					
85 and older	65,287	4,028,539	1,834	41.5	19,451	0.6	56	883	20.0	9,215	0.5	61					
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 D.7A includes the beneficiaries represented by Cell G 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_mdmb.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 D.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}
 DUAL ELIGIBLE BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	ANTIDEPRESSANTS					ANTIDIABETIC					ANALGESICS - ANTI-INFLAMMATORY				
	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean Rx	Mean No. of Rx	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean Rx \$	Mean No. of Rx	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean Rx \$	Mean No. of Rx
All	86,760	39.1 %	980,344	0.5	0.5	78,918	35.6 %	897,844	0.6	0.6	91,853	41.4 %	1,061,585	0.4	0.4
Female	65,305	43.2	738,732	0.5	0.5	59,740	39.6	681,909	0.6	0.6	69,242	45.8	801,443	0.4	0.4
Disabled	27,764	62.9	318,609	0.5	0.5	17,459	39.5	201,505	0.6	0.6	23,676	53.6	275,457	0.3	0.3
5 and younger	0	0.0	0	0.0	0.0	0	0.0	0	0.0	0.0	1	16.7	12	0.1	0.1
6-14	1	11.1	12	0.5	0.3	0	0.0	0	0.0	0.0	0	0.0	0	0.0	0.0
15-20	44	29.5	500	0.3	0.2	7	4.7	82	0.5	18	32	21.5	374	0.2	0.2
21-44	9,276	62.7	106,586	0.5	0.5	2,831	19.1	32,731	0.5	35	6,888	46.5	80,107	0.3	0.3
45-64	18,300	63.7	210,043	0.5	0.5	14,384	50.0	166,116	0.6	38	16,582	57.7	193,055	0.4	0.4
65-74	92	32.3	906	0.5	0.5	162	56.8	1,745	0.7	40	115	40.4	1,218	0.4	0.4
75-84	29	27.9	334	0.7	0.7	53	51.0	609	0.7	39	38	36.5	456	0.4	0.4
85 and older	22	30.6	228	0.6	0.6	22	30.6	222	0.7	33	20	27.8	235	0.4	0.4
Other Eligibles	37,541	35.1	420,123	0.6	0.6	42,281	39.6	480,404	0.6	33	45,566	42.6	525,986	0.4	0.4
5 and younger	0	0.0	0	0.0	0.0	0	0.0	0	0.0	0	0	0.0	0	0.0	0.0
6-14	0	0.0	0	0.0	0.0	0	0.0	0	0.0	0	0	0.0	0	0.0	0.0
15-20	3	27.3	34	0.4	0.4	0	0.0	0	0.0	0	1	9.1	12	0.1	0.1
21-44	500	59.5	4,664	0.4	0.4	135	16.1	1,321	0.5	34	340	40.4	3,175	0.3	0.3
45-64	143	53.6	1,387	0.5	0.5	100	37.5	909	0.4	27	130	48.7	1,167	0.3	0.3
65-74	13,455	35.6	154,099	0.5	0.5	19,368	51.3	222,730	0.6	36	18,518	49.1	215,836	0.4	0.4
75-84	14,107	34.6	158,508	0.6	0.6	16,361	40.2	186,425	0.6	32	17,536	43.1	203,702	0.4	0.4
85 and older	9,333	34.2	101,431	0.6	0.6	6,317	23.2	69,019	0.6	27	9,041	33.1	102,094	0.5	0.5
Male	21,455	30.3	241,612	0.5	0.5	19,178	27.1	215,935	0.6	35	22,611	31.9	260,142	0.3	0.3
Disabled	13,557	34.9	155,309	0.5	0.5	9,348	24.1	106,684	0.6	37	12,597	32.5	145,929	0.3	0.3
5 and younger	0	0.0	0	0.0	0.0	0	0.0	0	0.0	0	0	0.0	0	0.0	0.0
6-14	2	14.3	24	0.5	0.5	0	0.0	0	0.0	0	0	0.0	0	0.0	0.0
15-20	43	21.4	480	0.4	0.4	8	4.0	96	0.5	32	26	12.9	302	0.2	0.2
21-44	6,457	35.9	74,150	0.5	0.5	2,426	13.5	27,642	0.6	37	5,113	28.4	59,297	0.2	0.2
45-64	7,010	34.4	80,259	0.5	0.5	6,846	33.6	78,285	0.6	37	7,406	36.4	85,785	0.3	0.3
65-74	29	17.1	204	0.5	0.5	51	30.0	459	0.6	31	33	19.4	317	0.3	0.3
75-84	13	28.3	156	0.6	0.6	14	30.4	168	0.7	35	15	32.6	180	0.5	0.5
85 and older	3	25.0	36	0.2	0.2	3	25.0	34	0.5	33	4	33.3	48	0.7	0.7
Other Eligibles	7,898	24.6	86,303	0.5	0.5	9,830	30.7	109,251	0.6	33	10,014	31.2	114,213	0.4	0.4
5 and younger	0	0.0	0	0.0	0.0	0	0.0	0	0.0	0	0	0.0	0	0.0	0.0
6-14	0	0.0	0	0.0	0.0	0	0.0	0	0.0	0	1	25.0	12	0.1	0.1
15-20	0	0.0	0	0.0	0.0	0	0.0	0	0.0	0	0	0.0	0	0.0	0.0
21-44	187	47.9	1,761	0.4	0.4	66	16.9	575	0.6	36	127	32.6	1,155	0.3	0.3
45-64	91	29.6	719	0.4	0.4	69	22.5	545	0.6	39	87	28.3	773	0.4	0.4
65-74	3,869	23.5	43,536	0.5	0.5	5,686	34.5	64,385	0.6	34	5,523	33.5	63,826	0.4	0.4
75-84	2,621	25.1	28,578	0.6	0.6	3,036	29.1	33,420	0.6	31	3,077	29.4	35,095	0.4	0.4
85 and older	1,130	25.5	11,709	0.6	0.6	973	22.0	10,326	0.6	26	1,199	27.1	13,352	0.4	0.4
Unknown	0	0.0	0	0.0	0.0	0	0.0	0	0.0	0	0	0.0	0	0.0	0.0

Table D7B

Dual Eligible 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 D.7B includes the beneficiaries represented by Cell G 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 D.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}
 DUAL ELIGIBLE BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	ANTIHYPERTENSIVE				ANTIHYPERLIPIDEMIC				ANALGESICS - Narcotic						
	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	103,747	46.8 %	1,181,057	0.6	\$24	45,390	20.5 %	523,449	0.6	\$50	141,516	63.8 %	1,611,999	0.3	\$15
Female	75,917	50.3	866,720	0.6	24	33,690	22.3	389,525	0.6	50	103,157	68.3	1,178,439	0.3	14
Disabled	17,551	39.7	202,489	0.5	22	9,563	21.6	111,067	0.5	47	39,742	90.0	459,553	0.3	18
5 and younger	4	66.7	33	0.6	11	0	0.0	0	0.0	0	1	16.7	12	0.1	1
6-14	10	111.1	117	0.6	19	0	0.0	0	0.0	0	3	33.3	36	0.1	1
15-20	31	20.8	356	0.3	16	2	1.3	24	0.3	22	95	63.8	1,096	0.2	6
21-44	2,859	19.3	33,009	0.5	19	1,149	7.8	13,354	0.5	41	12,642	85.4	146,198	0.3	19
45-64	14,414	50.1	166,432	0.6	23	8,299	28.9	96,465	0.5	48	26,729	93.0	309,331	0.4	17
65-74	145	50.9	1,535	0.6	25	79	27.7	834	0.7	57	183	64.2	1,882	0.3	13
75-84	54	51.9	613	0.6	25	27	26.0	306	0.5	48	61	58.7	705	0.3	7
85 and older	34	47.2	394	0.6	20	7	9.7	84	0.8	74	28	38.9	293	0.4	17
Other Eligibles	58,366	54.6	664,231	0.6	24	24,127	22.6	278,458	0.6	52	63,415	59.3	718,886	0.3	12
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	100.0	12	0.1	1
15-20	0	0.0	0	0.0	0	1	9.1	9	0.1	10	4	36.4	42	0.1	1
21-44	122	14.5	1,131	0.4	18	36	4.3	300	0.4	39	753	89.5	7,050	0.4	20
45-64	104	39.0	876	0.4	18	45	16.9	411	0.4	40	216	80.9	2,015	0.4	26
65-74	22,873	60.6	263,450	0.6	24	12,267	32.5	142,226	0.6	52	24,553	65.0	283,416	0.3	12
75-84	23,028	56.6	263,800	0.6	24	9,582	23.5	110,836	0.6	52	23,944	58.8	273,480	0.3	11
85 and older	12,239	44.9	134,974	0.6	25	2,196	8.0	24,676	0.6	49	13,944	51.1	152,871	0.3	13
Male	27,830	39.3	314,337	0.6	23	11,700	16.5	133,924	0.6	49	38,359	54.1	433,560	0.3	17
Disabled	12,227	31.5	139,280	0.6	22	6,081	15.7	69,814	0.6	47	22,946	59.2	262,509	0.3	20
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	16.7	12	0.1	1
6-14	6	42.9	72	0.5	16	1	7.1	12	1.1	64	3	21.4	36	0.1	1
15-20	28	13.9	326	0.4	14	5	2.5	58	0.2	19	54	26.9	604	0.1	2
21-44	3,430	19.1	39,082	0.5	21	1,515	8.4	17,519	0.5	42	9,942	55.3	114,199	0.3	22
45-64	8,668	42.6	98,892	0.6	23	4,530	22.3	51,940	0.6	49	12,847	63.1	146,680	0.4	19
65-74	70	41.2	630	0.6	21	21	12.4	189	0.6	49	71	41.8	642	0.4	14
75-84	20	43.5	230	0.7	26	9	19.6	96	0.5	62	25	54.3	300	0.3	5
85 and older	5	41.7	48	0.6	26	0	0.0	0	0.0	0	3	25.0	36	0.1	1
Other Eligibles	15,603	48.7	175,057	0.6	23	5,619	17.5	64,110	0.6	50	15,413	48.1	171,051	0.3	11
5 and younger	1	100.0	9	0.6	24	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	3	75.0	35	0.4	8	0	0.0	0	0.0	0	1	25.0	11	0.1	1
15-20	1	50.0	12	0.9	48	0	0.0	0	0.0	0	1	50.0	12	0.1	1
21-44	79	20.3	713	0.6	25	36	9.2	360	0.5	45	365	93.6	3,524	0.5	38
45-64	79	25.7	656	0.5	21	57	18.6	477	0.5	40	163	53.1	1,248	0.5	31
65-74	8,364	50.8	95,071	0.6	23	3,635	22.1	41,881	0.6	50	8,384	50.9	95,170	0.3	11
75-84	5,225	50.0	58,506	0.6	23	1,637	15.7	18,596	0.6	51	4,617	44.2	50,975	0.3	10
85 and older	1,851	41.8	20,055	0.6	23	254	5.7	2,796	0.6	46	1,882	42.6	20,111	0.3	9
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table D7C

Dual Eligible 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 D.7C includes the beneficiaries represented by Cell G 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 D.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}
 DUAL ELIGIBLE BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	ANTICONVULSANT				CALCIUM BLOCKERS				Mean Rx \$	Mean No. of Rx	No. of Bene Mos	
	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean Rx \$				
All	44,352	20.0 %	503,650	0.6	56,075	25.3 %	636,836	0.7	\$34	0.7	221,891	2,439,419
Female	28,610	18.9	324,939	0.6	42,963	28.4	489,384	0.7	34	0.7	151,044	1,667,803
Disabled	14,568	33.0	167,600	0.6	8,808	19.9	101,324	0.6	33	0.6	44,173	494,156
5 and younger	0	0.0	0	0.0	4	66.7	41	0.3	17	0.3	6	57
6-14	0	0.0	0	0.0	6	66.7	69	0.7	48	0.7	9	105
15-20	39	26.2	450	0.7	19	12.8	224	0.5	37	0.5	149	1,710
21-44	5,729	38.7	65,924	0.6	1,401	9.5	15,994	0.5	29	0.5	14,801	164,789
45-64	8,746	30.4	100,674	0.6	7,241	25.2	83,519	0.6	33	0.6	28,747	322,743
65-74	36	12.6	354	0.5	73	25.6	785	0.7	37	0.7	285	2,806
75-84	13	12.5	144	0.7	41	39.4	455	0.7	39	0.7	104	1,182
85 and older	5	6.9	54	0.8	23	31.9	237	0.8	33	0.8	72	764
Other Eligibles	14,042	13.1	157,339	0.6	34,155	32.0	388,060	0.7	35	0.7	106,871	1,173,647
5 and younger	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0
6-14	0	0.0	0	0.0	1	100.0	12	0.2	3	0.2	1	12
15-20	1	9.1	11	0.8	3	27.3	22	0.3	31	0.3	11	96
21-44	251	29.8	2,326	0.5	56	6.7	527	0.4	23	0.4	841	6,275
45-64	48	18.0	460	0.5	46	17.2	421	0.6	29	0.6	267	1,853
65-74	5,753	15.2	65,750	0.6	12,381	32.8	142,490	0.7	35	0.7	37,749	422,252
75-84	5,244	12.9	58,974	0.6	13,624	33.5	155,638	0.7	35	0.7	40,717	453,016
85 and older	2,745	10.1	29,818	0.6	8,044	29.5	88,950	0.7	34	0.7	27,285	290,143
Male	15,742	22.2	178,711	0.7	13,112	18.5	147,452	0.6	34	0.6	70,847	771,616
Disabled	11,301	29.1	129,688	0.7	5,528	14.3	62,792	0.6	35	0.6	38,792	429,397
5 and younger	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	63
6-14	1	7.1	12	1.1	8	57.1	88	0.6	37	0.6	14	152
15-20	49	24.4	580	0.7	20	10.0	224	0.7	47	0.7	201	2,208
21-44	5,683	31.6	65,138	0.7	1,435	8.0	16,370	0.6	34	0.6	17,984	199,085
45-64	5,541	27.2	63,723	0.7	4,020	19.7	45,716	0.6	36	0.6	20,359	225,911
65-74	22	12.9	175	0.6	35	20.6	284	0.6	34	0.6	170	1,325
75-84	5	10.9	60	0.7	8	17.4	96	0.7	38	0.7	46	530
85 and older	0	0.0	0	0.0	2	16.7	14	0.7	32	0.7	12	123
Other Eligibles	4,441	13.9	49,023	0.6	7,584	23.7	84,660	0.7	34	0.7	32,055	342,219
5 and younger	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	9
6-14	0	0.0	0	0.0	2	50.0	24	0.8	48	0.8	4	37
15-20	0	0.0	0	0.0	2	100.0	24	0.9	108	0.9	2	24
21-44	103	26.4	1,003	0.5	28	7.2	275	0.5	30	0.5	390	2,763
45-64	38	12.4	312	0.6	39	12.7	310	0.5	30	0.5	307	1,795
65-74	2,499	15.2	28,325	0.7	3,983	24.2	45,082	0.7	34	0.7	16,479	180,259
75-84	1,312	12.6	14,198	0.6	2,566	24.6	28,674	0.7	34	0.7	10,449	112,241
85 and older	489	11.1	5,185	0.6	964	21.8	10,271	0.7	32	0.7	4,423	45,091
Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0

Table D7D

Dual Eligible 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 D.7D includes the beneficiaries represented by Cell G 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 D.8
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BENEFICIARY CHARACTERISTIC^{a, b}
 DUAL ELIGIBLE 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	\$281	5.4	15,035	165,293
Age				
0-64	361	6.1	1,119	12,807
65-74	337	6.1	2,242	25,235
75-84	295	5.6	5,026	55,341
85 and older	237	4.9	6,648	71,910
Unknown	0	0.0	0	0
Gender				
Female	278	5.4	11,761	129,385
Male	295	5.4	3,274	35,908
Unknown	0	0.0	0	0
Race				
White	301	5.8	9,425	102,257
African American	243	4.7	4,309	48,531
Other/unknown	273	5.4	1,301	14,505
Basis of Eligibility^c				
Aged	275	5.4	13,861	151,902
Disabled	356	6.0	1,174	13,391
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 2001 file for North Carolina, released by CMS in 06/2005. This table was produced on 09/19/2006.

a. Table D.8 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their 2001 Medicaid enrollment. A total of 14,429 beneficiaries who were in nursing facilities for part of their enrollment and their 142,466 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 D.9
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d, e}
 DUAL ELIGIBLE 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 # of Rx	Total Rx \$	No.	As % of Dual All-Year NF Residents	No. of Bene Mos			
		Brand-Name	Generic		Brand-Name	Generic		Brand-Name	Generic								
Anti-infective Agents	0.3	0.2	0.0	0.1	\$21	\$18	\$0	\$2	\$61	\$87	\$73	\$16	39,498	\$2,402,540	10,356	68.9 %	116,615
Biologics	0.1	0.1	0.0	0.0	1	1	0	0	13	13	0	0	9	119	9	0.1	108
Antineoplastic Agents	0.5	0.1	0.2	0.2	78	24	35	20	166	205	205	106	5,625	932,479	1,126	7.5	11,915
Endocrine/Metabolic Drugs	1.0	0.5	0.2	0.3	40	33	3	4	39	62	16	13	75,318	2,961,748	6,562	43.6	73,479
Cardiovascular Agents	1.8	0.6	0.2	1.0	55	28	4	23	31	50	22	22	211,486	6,507,936	10,615	70.6	118,052
Respiratory Agents	0.6	0.3	0.0	0.3	30	20	0	9	49	61	32	36	44,718	2,207,909	6,607	43.9	74,683
Gastrointestinal Agents	1.0	0.4	0.0	0.5	67	52	2	12	69	116	70	26	85,734	5,948,399	7,973	53.0	89,266
Genitourinary Agents	0.5	0.4	0.0	0.1	28	25	0	3	55	67	55	22	15,530	854,656	2,687	17.9	30,553
CNS Drugs	1.3	0.8	0.1	0.5	100	80	7	13	76	104	95	27	148,109	11,287,750	10,063	66.9	112,816
Stimulants/Anti-obesity/Anorexia	0.5	0.1	0.0	0.4	19	10	0	9	35	93	15	21	607	21,390	99	0.7	1,106
Miscellaneous Psychological/Neurological Agents	0.7	0.7	0.0	0.0	90	90	0	0	127	129	33	39	9,535	1,215,222	1,209	8.0	13,497
Analgesics and Anesthetics	0.8	0.4	0.0	0.3	45	38	2	5	57	93	57	15	64,695	3,708,255	7,426	49.4	82,913
Neuromuscular Agents	1.1	0.4	0.3	0.4	57	33	11	13	54	88	42	32	54,722	2,952,419	4,542	30.2	51,437
Nutritional Products	0.7	0.0	0.2	0.5	14	0	5	8	20	18	28	17	37,427	751,937	4,911	32.7	54,740
Hematological Agents	0.9	0.3	0.4	0.3	50	39	6	4	54	147	17	14	46,805	2,514,257	4,514	30.0	50,531
Topical Products	0.5	0.2	0.1	0.2	20	14	2	4	40	55	44	20	50,349	1,998,810	8,834	58.8	100,390
Miscellaneous Products	0.3	0.0	0.0	0.2	14	5	1	8	52	128	238	35	2,330	120,426	792	5.3	8,818
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	9	0	0	0	30	0	0	0	3,872	116,323	1,103	7.3	12,520
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.	896,369	46,502,575	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 D.9 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 14,429 beneficiaries who were in nursing facilities for part of their enrollment and their 142,466 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 D.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}
 DUAL ELIGIBLE 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	\$5,162,520	7,426	49.4 %	83,619	0.7	\$89	\$62
ANTIPSYCHOTICS	5,097,429	5,081	33.8	57,445	0.7	133	89
ANTIDEPRESSANTS	4,642,204	8,182	54.4	92,427	0.7	69	50
ANTICONVULSANT	2,135,728	4,118	27.4	46,856	0.8	55	46
ANTIDIABETIC	2,116,558	5,522	36.7	62,244	0.8	44	34
ANTIHYPERTENSIVE	1,955,544	5,938	39.5	66,894	0.8	39	29
ANALGESICS - ANTI-INFLAMMATORY	1,834,412	3,690	24.5	42,039	0.6	76	44
ANALGESICS - Narcotic	1,793,472	6,993	46.5	78,146	0.5	50	23
CALCIUM BLOCKERS	1,579,855	3,559	23.7	39,904	0.8	49	40
ASTHMATIC	1,305,132	4,604	30.6	51,474	0.4	58	25
Total	27,622,854	55,113		621,048	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 D.10 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 14,429 beneficiaries who were in nursing facilities for part of their enrollment and their 142,466 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 D.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}
DUAL ELIGIBLE BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	All Top 10 Drug Groups					ULCER DRUGS					ANTIPSYCHOTICS						
	No. of Rx	Rx \$	No. of Users	Users as % of All-Year NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All-Year NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All-Year NF Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	415,305	\$27,622,854	7,426	49.4 %	83,619	0.7	\$62	5,081	33.8 %	57,445	0.7	\$89					
Female	321,585	21,272,274	5,728	48.7	64,565	0.7	61	3,954	33.6	44,822	0.7	88					
Disabled	20,958	1,502,428	325	56.1	3,717	0.7	67	200	34.5	2,287	0.7	103					
64 or younger	19,862	1,437,628	306	56.7	3,491	0.7	67	186	34.4	2,125	0.7	105					
65-74	483	27,214	4	26.7	48	0.7	99	6	40.0	72	0.6	60					
75-84	301	20,876	5	50.0	60	0.4	41	5	50.0	60	0.9	123					
85 and older	312	16,710	10	71.4	118	0.7	66	3	21.4	30	0.3	31					
Other Eligibles	300,627	19,769,846	5,403	48.3	60,848	0.7	61	3,754	33.6	42,535	0.7	87					
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
65-74	51,954	3,567,253	784	56.0	9,005	0.7	65	560	40.0	6,458	0.7	106					
75-84	117,182	7,803,417	1,933	49.4	21,997	0.7	62	1,452	37.1	16,543	0.7	92					
85 and older	131,491	8,399,176	2,686	45.8	29,846	0.7	58	1,742	29.7	19,534	0.6	76					
Male	93,720	6,350,580	1,698	51.9	19,054	0.7	64	1,127	34.4	12,623	0.7	92					
Disabled	20,730	1,565,118	314	52.8	3,618	0.7	66	194	32.6	2,199	0.8	128					
64 or younger	20,295	1,538,173	305	52.7	3,520	0.7	66	189	32.6	2,149	0.8	128					
65-74	308	18,659	4	44.4	38	0.9	134	4	44.4	38	0.8	134					
75-84	106	7,483	3	50.0	36	0.6	60	1	16.7	12	0.2	29					
85 and older	21	803	2	200.0	24	0.4	11	0	0.0	0	0.0	0					
Other Eligibles	72,990	4,785,462	1,384	51.7	15,436	0.7	64	933	34.8	10,424	0.7	85					
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
65-74	26,268	1,758,643	427	52.3	4,932	0.7	63	299	36.6	3,438	0.7	95					
75-84	30,085	1,945,240	592	54.1	6,582	0.7	63	401	36.6	4,397	0.6	83					
85 and older	16,637	1,081,579	365	47.6	3,922	0.7	66	233	30.4	2,589	0.6	74					
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 D.10A includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 14,429 beneficiaries who were in nursing facilities for part of their enrollment and their 142,466 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 D.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}
 DUAL ELIGIBLE BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	ANTIDEPRESSANTS						ANTICONVULSANT						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	8,182	54.4 %	0.7	92,427	0.7	\$50	4,118	27.4 %	0.8	\$46	5,522	36.7 %	0.8	\$34	62,244	0.8	\$34	
Female	6,567	55.8	0.7	74,308	0.7	50	2,920	24.8	0.8	43	4,284	36.4	0.8	34	48,375	0.8	34	
Disabled	387	66.8	0.8	4,458	0.8	60	349	60.3	0.9	66	293	50.6	0.8	41	3,336	0.8	41	
64 or younger	373	69.1	0.8	4,299	0.8	60	341	63.1	0.9	67	271	50.2	0.8	42	3,092	0.8	42	
65-74	8	53.3	0.9	87	0.9	47	6	40.0	0.8	32	11	73.3	0.9	36	122	0.9	36	
75-84	3	30.0	0.6	36	0.6	67	1	10.0	0.9	32	7	70.0	0.9	36	74	0.9	36	
85 and older	3	21.4	0.8	53	0.8	53	1	7.1	0.8	30	4	28.6	0.5	15	48	0.5	15	
Other Eligibles	6,180	55.3	0.7	69,850	0.7	49	2,571	23.0	0.8	40	3,991	35.7	0.8	33	45,039	0.8	33	
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	910	65.0	0.8	10,436	0.8	54	622	44.4	0.9	47	837	59.7	0.8	37	9,654	0.8	37	
75-84	2,363	60.4	0.7	26,714	0.7	49	1,073	27.4	0.8	41	1,695	43.3	0.8	33	19,175	0.8	33	
85 and older	2,907	49.6	0.7	32,700	0.7	47	876	14.9	0.7	34	1,459	24.9	0.7	30	16,210	0.7	30	
Male	1,615	49.3	0.7	18,119	0.7	53	1,198	36.6	0.9	51	1,238	37.8	0.8	36	13,869	0.8	36	
Disabled	320	53.8	0.8	3,658	0.8	61	393	66.1	1.0	70	257	43.2	0.8	38	2,990	0.8	38	
64 or younger	314	54.2	0.8	3,625	0.8	61	385	66.5	1.0	71	246	42.5	0.8	39	2,868	0.8	39	
65-74	4	44.4	0.9	9	0.9	53	6	66.7	1.0	23	9	100.0	0.7	31	98	0.7	31	
75-84	2	33.3	1.0	24	1.0	71	2	33.3	0.6	44	2	33.3	0.5	5	24	0.5	5	
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	
Other Eligibles	1,295	48.3	0.7	14,461	0.7	51	805	30.0	0.8	41	981	36.6	0.8	35	10,879	0.8	35	
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	405	49.6	0.8	4,650	0.8	55	346	42.4	0.9	46	348	42.6	0.8	39	4,019	0.8	39	
75-84	572	52.2	0.7	6,353	0.7	48	320	29.2	0.8	38	399	36.4	0.8	34	4,357	0.8	34	
85 and older	318	41.5	0.7	3,458	0.7	49	139	18.1	0.7	34	234	30.5	0.7	30	2,503	0.7	30	
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	

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 D.10B includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 14,429 beneficiaries who were in nursing facilities for part of their enrollment and their 142,466 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 D10B

Dual Eligible Beneficiaries

TABLE D.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}
 DUAL ELIGIBLE BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	ANTIHYPERTENSIVE					ANALGESICS - ANTI-INFLAMMATORY					ANALGESICS - Narcotic							
	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 Users	No. of Bene among Users	Mean No. of Rx	Mean Rx \$
All	5,938	66,894	0.8	\$29	0.8	3,690	42,039	0.6	\$44	0.6	6,993	78,146	0.5	\$23	6,993	78,146	0.5	\$23
Female	4,550	51,146	0.8	29	0.8	3,051	34,742	0.6	44	0.6	5,621	62,885	0.5	23	5,621	62,885	0.5	23
Disabled	201	2,311	0.8	33	0.8	160	1,895	0.5	35	0.5	298	3,408	0.5	26	298	3,408	0.5	26
64 or younger	192	2,214	0.8	33	0.8	146	1,735	0.5	35	0.5	280	3,211	0.5	27	280	3,211	0.5	27
65-74	6	61	0.9	36	0.9	7	76	0.8	43	0.8	5	45	0.2	7	5	45	0.2	7
75-84	2	24	1.0	28	1.0	2	24	0.5	41	0.5	4	48	0.4	5	4	48	0.4	5
85 and older	1	12	0.6	12	0.6	5	60	0.6	30	0.6	9	104	0.4	6	9	104	0.4	6
Other Eligibles	4,349	48,835	0.8	29	0.8	2,891	32,847	0.6	45	0.6	5,323	59,477	0.5	23	5,323	59,477	0.5	23
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
65-74	642	7,381	0.8	30	0.8	388	4,466	0.6	48	0.6	775	8,875	0.5	29	775	8,875	0.5	29
75-84	1,642	18,502	0.8	29	0.8	1,081	12,340	0.6	47	0.6	1,900	21,413	0.5	24	1,900	21,413	0.5	24
85 and older	2,065	22,952	0.8	28	0.8	1,422	16,041	0.6	42	0.6	2,648	29,189	0.4	21	2,648	29,189	0.4	21
Male	1,388	15,748	0.8	30	0.8	639	7,297	0.5	41	0.5	1,372	15,261	0.5	21	1,372	15,261	0.5	21
Disabled	245	2,849	0.8	36	0.8	127	1,494	0.5	42	0.5	259	3,011	0.6	30	259	3,011	0.6	30
64 or younger	238	2,784	0.8	36	0.8	124	1,458	0.5	41	0.5	253	2,939	0.6	31	253	2,939	0.6	31
65-74	5	41	0.7	14	0.7	1	11	0.4	32	0.4	3	36	1.1	20	3	36	1.1	20
75-84	2	24	0.6	36	0.6	1	12	0.5	66	0.5	3	36	0.4	12	3	36	0.4	12
85 and older	0	0	0.0	0	0.0	1	12	0.8	43	0.8	0	0	0.0	0	0	0	0.0	0
Other Eligibles	1,143	12,899	0.7	29	0.7	512	5,803	0.5	41	0.5	1,113	12,250	0.4	19	1,113	12,250	0.4	19
64 or younger	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0	0	0.0	0
65-74	373	4,331	0.8	32	0.8	141	1,621	0.6	45	0.6	340	3,831	0.5	27	340	3,831	0.5	27
75-84	468	5,250	0.7	28	0.7	210	2,384	0.5	38	0.5	453	4,970	0.4	15	453	4,970	0.4	15
85 and older	302	3,318	0.7	27	0.7	161	1,798	0.5	40	0.5	320	3,449	0.4	15	320	3,449	0.4	15
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

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 D.10C includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 14,429 beneficiaries who were in nursing facilities for part of their enrollment and their 142,466 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 D.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}
 DUAL ELIGIBLE BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	CALCIUM BLOCKERS					ANTI-ASTHMATIC					Bene Mos among All-Year NF Residents	
	Users as %		Users as %		Mean Rx \$	Users as %		Users as %		Mean Rx \$		
	No. of Users	No. of Bene Mos among Users	No. of Residents	No. of Bene Mos among Users		No. of Residents	No. of Bene Mos among Users	No. of Residents				
All	3,559	23.7 %	39,904	0.8	\$40	4,604	30.6 %	51,474	0.4	\$25	15,035	165,293
Female	2,858	24.3	32,004	0.8	39	3,300	28.1	36,868	0.4	25	11,761	129,385
Disabled	119	20.6	1,346	0.8	46	171	29.5	1,911	0.5	28	579	6,558
64 or younger	111	20.6	1,270	0.8	46	158	29.3	1,776	0.5	28	540	6,137
65-74	3	20.0	27	1.0	35	6	40.0	51	0.4	20	15	154
75-84	3	30.0	27	1.0	55	3	30.0	36	0.9	61	10	101
85 and older	2	14.3	22	0.9	30	4	28.6	48	1.1	37	14	166
Other Eligibles	2,739	24.5	30,658	0.8	39	3,129	28.0	34,957	0.4	24	11,182	122,827
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	372	26.6	4,256	0.8	43	485	34.6	5,446	0.5	29	1,401	15,797
75-84	1,016	26.0	11,447	0.8	39	1,148	29.3	12,920	0.4	27	3,915	43,414
85 and older	1,351	23.0	14,955	0.8	38	1,496	25.5	16,591	0.4	21	5,866	63,616
Male	701	21.4	7,900	0.8	42	1,304	39.8	14,606	0.5	28	3,274	35,908
Disabled	119	20.0	1,357	0.9	48	203	34.1	2,353	0.5	29	595	6,833
64 or younger	116	20.0	1,331	0.9	48	200	34.5	2,317	0.5	29	579	6,670
65-74	3	33.3	26	1.0	52	2	22.2	24	0.8	29	9	79
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	6	72
85 and older	0	0.0	0	0.0	0	1	100.0	12	0.1	1	1	12
Other Eligibles	582	21.7	6,543	0.8	40	1,101	41.1	12,253	0.5	27	2,679	29,075
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	203	24.8	2,345	0.8	42	332	40.6	3,776	0.5	29	817	9,205
75-84	236	21.6	2,653	0.8	42	508	46.4	5,621	0.5	28	1,095	11,754
85 and older	143	18.6	1,545	0.8	35	261	34.0	2,856	0.4	23	767	8,116
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 D.10D includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2001. A total of 14,429 beneficiaries who were in nursing facilities for part of their enrollment and their 142,466 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 D.11
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG DUALS
 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 Excl Rx per Bene	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
	111,293	50.2 %	3.5	778,936	\$89 \$19,707,743	\$25	3.7 %	221,891
Age								
5 and younger	10	76.9	8.8	114	3,949	35	6.0	13
6-14	20	71.4	4.4	123	6,134	50	3.2	28
15-20	122	33.6	1.4	516	19,484	38	3.2	363
21-44	14,958	44.0	3.0	100,515	3,177,316	32	3.8	34,016
45-64	26,788	53.9	4.0	200,988	5,944,063	30	4.2	49,680
65-74	26,960	49.3	3.4	186,269	4,524,217	24	3.7	54,683
75-84	26,035	50.7	3.5	178,309	3,797,316	21	3.3	51,316
85 and older	16,400	51.6	3.5	112,102	2,235,264	20	3.5	31,792
Unknown	0	0.0	0.0	0	0	0	0.0	0
Basis of Eligibility^c								
Aged	69,064	50.4	3.5	474,633	10,509,541	22	3.5	137,028
Disabled	41,423	49.9	3.6	300,169	9,078,587	30	4.0	82,965
Adults	800	42.5	2.2	4,117	119,128	29	4.5	1,881
Children	6	35.3	1.0	17	487	29	0.7	17
Unknown	0	0.0	0.0	0	0	0	0.0	0
Gender								
Female	82,584	54.7	3.9	591,616	15,026,762	25	4.0	151,044
Male	28,709	40.5	2.6	187,320	4,680,981	25	3.1	70,847
Unknown	0	0.0	0.0	0	0	0	0.0	0
Race								
White	60,399	54.5	4.1	459,029	11,800,977	26	3.9	110,893
African American	35,732	44.0	2.6	214,919	5,255,349	24	3.3	81,202
Other/unknown	15,162	50.9	3.5	104,988	2,651,417	25	3.9	29,796
Use of Nursing Facilities^d								
Entire year	8,115	54.0	4.4	65,837	1,368,734	21	2.9	15,035
Part year	8,680	60.2	3.7	53,799	1,183,007	22	3.1	14,429
None	94,498	49.1	3.4	659,300	17,156,002	26	3.9	192,427
Maintenance Assistance Status								
Cash	57,453	50.2	3.6	413,516	10,738,442	26	3.9	114,536
Medically needy	3,038	52.3	3.5	20,222	439,458	22	2.9	5,805
Poverty related	50,719	50.0	3.4	344,656	8,512,814	25	3.6	101,390
Other/unknown	83	51.9	3.4	542	17,029	31	5.9	160

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 D.11 includes the beneficiaries represented by Cell G of Table 1. Beneficiaries include all dual 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 D.12
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG DUALS 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.	Benzodiazapine \$ per Bene Mo.	No. of Bene Mos
	0.3	\$8	\$25	\$0	\$3	2,439,419
All						
Age						
5 and younger	0.9	31	35	0	0	129
6-14	0.4	20	50	0	0	306
15-20	0.1	5	38	0	2	4,038
21-44	0.3	9	32	0	4	372,912
45-64	0.4	11	30	0	4	552,302
65-74	0.3	7	24	0	3	606,642
75-84	0.3	7	21	0	2	566,969
85 and older	0.3	7	20	0	2	336,121
Unknown	0.0	0	0	0	0	0
Basis of Eligibility^c						
Aged	0.3	7	22	0	2	1,502,535
Disabled	0.3	10	30	0	4	923,553
Adults	0.3	9	29	0	4	13,172
Children	0.1	3	29	0	0	159
Unknown	0.0	0	0	0	0	0
Gender						
Female	0.4	9	25	0	3	1,667,803
Male	0.2	6	25	0	3	771,616
Unknown	0.0	0	0	0	0	0
Race						
White	0.4	10	26	0	4	1,205,259
African American	0.2	6	24	0	1	904,572
Other/unknown	0.3	8	25	0	3	329,588
Use of Nursing Facilities^d						
Entire year	0.4	8	21	0	3	165,293
Part year	0.4	8	22	0	3	142,466
None	0.3	8	26	0	3	2,131,660
Maintenance Assistance Status						
Cash	0.3	8	26	0	3	1,292,389
Medically needy	0.4	8	22	0	3	57,623
Poverty related	0.3	8	25	0	3	1,088,165
Other/unknown	0.4	14	31	0	6	1,242

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 D.12 includes the beneficiaries represented by Cell G of Table 1. Beneficiaries include all dual 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 D.13
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS FOR SELECTED DRUG CATEGORIES AMONG DUALS^{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	156,006	\$126	\$19,707,743	100.0 %	778,936	\$25	100.0 %
Anorexia or weight loss/gain	929	141	130,711	0.7	3,174	41	0.4
Fertility drugs	0	0	0	0.0	0	0	0.0
Drugs for cosmetic purposes	38	14	546	0.0	52	11	0.0
Cough and cold medications	47,658	83	3,934,115	20.0	130,412	30	16.7
Vitamins and minerals	46,039	122	5,605,575	28.4	273,547	20	35.1
Non-prescription drugs	304	49	14,821	0.1	850	17	0.1
Barbiturates	2,709	77	209,708	1.1	23,308	9	3.0
Benzodiazepines	51,595	144	7,438,157	37.7	323,786	23	41.6
Other Part D Excl Rx Drugs	6,734	353	2,374,110	12.0	23,807	100	3.1

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 D.13 includes the beneficiaries represented by Cell G of Table 1. Beneficiaries include all 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 D11.

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.3

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

Beneficiary Characteristics	No. of Benes					No. of Bene Mos					
	All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children	Unknown
All	221,948	137,028	83,014	1,889	17	2,442,772	1,502,995	926,133	13,484	160	0
Age											
5 and younger	13	0	12	0	1	129	0	120	0	9	0
6-14	28	0	23	0	5	306	0	257	0	49	0
15-20	364	0	351	3	10	4,081	0	3,960	22	99	0
21-44	34,052	0	32,814	1,237	1	374,489	0	365,209	9,277	3	0
45-64	49,698	17	49,123	558	0	553,529	176	549,812	3,541	0	0
65-74	54,685	54,144	457	84	0	607,148	602,371	4,176	601	0	0
75-84	51,316	51,161	150	5	0	566,969	565,225	1,712	32	0	0
85 and older	31,792	31,706	84	2	0	336,121	335,223	887	11	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0
Gender											
Female	151,072	105,718	44,194	1,151	9	1,669,785	1,165,531	495,612	8,555	87	0
Male	70,876	31,310	38,820	738	8	772,987	337,464	430,521	4,929	73	0
Unknown	0	0	0	0	0	0	0	0	0	0	0
Race											
White	110,912	69,603	40,291	1,008	10	1,206,071	751,121	447,846	7,012	92	0
African American	81,224	48,170	32,397	653	4	906,469	538,160	363,418	4,848	43	0
Other/unknown	29,812	19,255	10,326	228	3	330,232	213,714	114,869	1,624	25	0
Use of Nursing Facilities^c											
Entire year	15,035	13,861	1,174	0	0	165,293	151,902	13,391	0	0	0
Part year	14,429	12,817	1,606	6	0	142,486	125,261	17,158	67	0	0
None	192,484	110,350	80,234	1,883	17	2,134,993	1,225,832	895,584	13,417	160	0
Maintenance Assistance Status											
Cash	114,563	68,710	44,336	1,514	3	1,294,181	775,742	507,663	10,744	32	0
Medically needy	5,807	4,567	1,163	76	1	57,687	45,308	11,772	600	7	0
Poverty related	101,417	63,751	37,515	141	10	1,089,636	681,945	406,698	898	95	0
Other/unknown	161	0	0	158	3	1,268	0	0	1,242	26	0
Dual Status^d											
Full dual, all year	214,752	132,734	80,129	1,872	17	2,362,430	1,455,231	893,742	13,297	160	0
Full dual, part year	7,196	4,294	2,885	17	0	80,342	47,764	32,391	187	0	0
Managed Care Status											
FFS all year	221,339	136,947	82,541	1,835	16	2,436,086	1,502,039	920,902	12,992	153	0
FFS part year, with Rx claims	502	75	385	41	1	5,682	889	4,398	388	7	0
FFS part year, no Rx claims	50	6	39	5	0	532	67	416	49	0	0
MC all year, with Rx claims	45	0	39	6	0	393	0	345	48	0	0
MC all year, no Rx claims	12	0	10	2	0	79	0	72	7	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 A.3 includes the beneficiaries represented by Cell F 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.

d. The "Full dual, all year" group contains beneficiaries who had Medicare as well as Medicaid pharmacy benefits during all months of Medicaid enrollment in 2001. The "Full dual, part year" group contains beneficiaries who had such benefits for some, but not all, months of their enrollment. Refer to footnote g of Table 1 for more information about how we determined dual eligibility status.

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.4
 MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS^a
 DUAL ELIGIBLE BENEFICIARIES, NORTH CAROLINA, 2001

Beneficiary Characteristics	Bene Mos in Cell F of Table 1		Included in Cell G of Table 1		Excluded from Cell G 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	221,948	2,442,772	221,891	2,439,419	0	3,353
FFS all year	221,339	2,436,086	221,339	2,436,086	0	0
FFS part year, with Rx claims	502	5,682	502	3,081	0	2,601
FFS part year, with no Rx claims	50	532	50	252	0	280
MC all year, with Rx claims	45	393	0	0	0	393
MC all year, with no Rx claims	12	79	0	0	0	79

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.