

STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2001 COLORADO

LIST OF TABLES

OVERVIEW OF STUDY POPULATION

TABLE 1. OVERVIEW OF BENEFICIARY SELECTION CRITERIA FOR STUDY POPULATION

FOR ALL MEDICAID BENEFICIARIES

TABLE 2. CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY

TABLE 3. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC

TABLE 4. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC

TABLE 5. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC

TABLE 6. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY

TABLE 7. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP

FOR ALL NONDUAL BENEFICIARIES

TABLE ND.2. CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY

TABLE ND.3. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC

TABLE ND.4. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC

TABLE ND.5. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC

TABLE ND.6. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY

TABLE ND.7-7D. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP

TABLE ND.8. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS, BY BENEFICIARY CHARACTERISTIC

TABLE ND.9. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS, BY BRAND STATUS AND THERAPEUTIC CATEGORY

TABLE ND.10-10D. MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY TOP 10 DRUG GROUP

TABLE ND.11. USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG NONDUAL, BY BENEFICIARY CHARACTERISTIC

TABLE ND.12. USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG NONDUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC

TABLE ND.13. USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS FOR SELECTED DRUG CATEGORIES AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC

FOR DUAL ELIGIBLE BENEFICIARIES

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

SUPPLEMENTAL TABLES

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

APPENDIX TABLE

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

TABLE D.2
 CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a,b}
 DUAL ELIGIBLE BENEFICIARIES, COLORADO, 2001

Beneficiary Characteristics	No. of Benes					No. of Bene Mos					Other/ Unknown
	All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children	
All	51,558	33,142	18,092	310	5	512,268	324,837	185,657	1,676	41	57
Age											
5 and younger	6	0	6	0	0	64	0	64	0	0	0
6-14	12	0	11	0	1	126	0	114	0	12	0
15-20	80	0	77	0	3	750	0	733	0	17	0
21-44	8,026	0	7,804	220	1	81,358	0	80,159	1,175	12	12
45-64	9,664	0	9,577	86	0	99,186	0	98,706	479	0	1
65-74	11,696	11,101	587	3	0	117,113	111,516	5,558	19	0	20
75-84	12,057	12,034	21	1	0	119,899	119,662	222	3	0	12
85 and older	10,017	10,007	9	0	0	93,772	93,659	101	0	0	12
Unknown	0	0	0	0	0	0	0	0	0	0	0
Gender											
Female	33,499	24,165	9,135	195	1	334,831	239,645	94,093	1,055	12	26
Male	18,059	8,977	8,957	115	4	177,437	85,192	91,564	621	29	31
Unknown	0	0	0	0	0	0	0	0	0	0	0
Race											
White	33,513	21,669	11,678	156	3	331,104	208,337	121,815	883	26	43
African American	1,857	1,134	700	22	1	18,185	11,116	6,955	102	12	0
Other/unknown	16,188	10,339	5,714	132	1	162,979	105,384	56,887	691	3	14
Use of Nursing Facilities^c											
Entire year	8,532	7,801	731	0	0	84,115	76,131	7,984	0	0	0
Part year	4,961	4,395	564	1	0	45,110	39,516	5,580	11	0	3
None	38,065	20,946	16,797	309	5	383,043	209,190	172,093	1,665	41	54
Maintenance Assistance Status											
Cash	33,476	20,524	12,704	248	0	341,778	210,556	129,837	1,385	0	0
Medically needy	0	0	0	0	0	0	0	0	0	0	0
Poverty-related	521	215	254	52	0	4,776	2,170	2,370	236	0	0
Other/unknown	17,561	12,403	5,134	10	5	165,714	112,111	53,450	55	41	57
Dual Medicare Status^d											
Full dual, all year	50,211	32,378	17,514	305	5	498,509	316,943	179,845	1,623	41	57
Full dual, part year	1,347	764	578	5	0	13,759	7,894	5,812	53	0	0
Managed Care Status											
FFS all year	47,727	31,266	16,235	213	4	495,851	317,091	177,423	1,242	38	57
FFS part year, with Rx claims	1,559	705	791	62	1	8,690	3,822	4,583	282	3	0
FFS part year, no Rx claims	2,272	1,171	1,066	35	0	7,727	3,924	3,651	152	0	0

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. 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, COLORADO, 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	82.3 %	42.2	\$2,256	\$53	\$15,437	14.6 %	51,558
Age							
5 and younger	100.0	36.2	4,519	125	15,397	29.3	6
6-14	91.7	63.3	8,444	133	12,224	69.1	12
15-20	72.5	22.0	2,115	96	15,268	13.8	80
21-44	76.6	32.0	2,707	85	16,722	16.2	8,026
45-64	83.2	48.1	3,185	66	17,808	17.9	9,664
65-74	79.5	40.2	1,951	49	9,609	20.3	11,696
75-84	84.1	45.2	1,983	44	14,467	13.7	12,057
85 and older	87.0	43.7	1,677	38	20,097	8.3	10,017
Unknown	0.0	0.0	0	0	0	0.0	0
Basis of Eligibility^c							
Aged	83.5	43.0	1,874	44	14,515	12.9	33,142
Disabled	80.2	41.3	2,978	72	17,334	17.2	18,092
Adults	67.1	15.9	1,075	68	3,327	32.3	310
Children	60.0	34.6	4,108	119	16,871	24.3	5
Unknown	55.6	26.8	1,276	48	11,288	11.3	9
Gender							
Female	85.1	46.0	2,276	50	15,012	15.2	33,499
Male	77.0	35.3	2,220	63	16,226	13.7	18,059
Unknown	0.0	0.0	0	0	0	0.0	0
Race							
White	83.6	46.4	2,498	54	18,146	13.8	33,513
African American	78.2	37.1	1,974	53	13,887	14.2	1,857
Other/unknown	80.0	34.2	1,789	52	10,007	17.9	16,188
Use of Nursing Facilities^d							
Entire year	92.4	61.7	2,692	44	33,572	8.0	8,532
Part year	90.8	55.3	2,490	45	22,212	11.2	4,961
None	78.9	36.2	2,128	59	10,489	20.3	38,065
Maintenance Assistance Status							
Cash	81.8	39.2	2,130	54	12,284	17.3	33,476
Medically needy	0.0	0.0	0	0	0	0.0	0
Poverty related	51.2	8.8	500	57	2,098	23.9	521
Other/unknown	84.1	49.1	2,549	52	21,843	11.7	17,561

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. 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, COLORADO, 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	4.3	\$227	14.6 %	17.7 %	16.3 %	10.6 %	26.1 %	22.0 %	7.3 %	\$1,554	51,558	512,268
Age												
5 and younger	3.4	424	29.3	0.0	33.3	0.0	50.0	16.7	0.0	1,444	6	64
6-14	6.0	804	69.1	8.3	0.0	8.3	25.0	50.0	8.3	1,164	12	126
15-20	2.3	226	13.8	27.5	33.7	8.8	16.3	12.5	1.3	1,629	80	750
21-44	3.2	267	16.2	23.4	24.1	11.5	22.2	14.2	4.5	1,650	8,026	81,358
45-64	4.7	310	17.9	16.8	15.8	10.1	24.8	22.8	9.6	1,735	9,664	99,186
65-74	4.0	195	20.3	20.5	16.6	10.9	25.4	19.9	6.8	960	11,696	117,113
75-84	4.5	199	13.7	15.9	14.3	10.3	26.9	24.7	7.9	1,455	12,057	119,899
85 and older	4.7	179	8.3	13.0	12.5	10.6	30.4	26.5	7.0	2,147	10,017	93,772
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	4.4	191	12.9	16.5	14.6	10.6	27.5	23.6	7.2	1,481	33,142	324,837
Disabled	4.0	290	17.2	19.8	19.4	10.7	23.6	19.1	7.4	1,689	18,092	185,657
Adults	2.9	199	32.3	32.9	23.9	10.6	19.7	11.3	1.6	615	310	1,676
Children	4.2	501	24.3	40.0	0.0	20.0	20.0	0.0	20.0	2,057	5	41
Unknown	4.2	202	11.3	44.4	0.0	11.1	11.1	33.3	0.0	1,782	9	57
Gender												
Female	4.6	228	15.2	14.9	14.9	10.7	27.4	23.9	8.2	1,502	33,499	334,831
Male	3.6	226	13.7	23.0	18.9	10.6	23.7	18.3	5.5	1,651	18,059	177,437
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Race												
White	4.7	253	13.8	16.4	13.9	9.9	26.3	24.6	8.9	1,837	33,513	331,104
African American	3.8	202	14.2	21.8	16.3	12.4	26.1	17.7	5.8	1,418	1,857	18,185
Other/unknown	3.4	178	17.9	20.0	21.2	12.0	25.7	17.0	4.1	994	16,188	162,979
use of nursing Facilities^d												
Entire year	6.3	273	8.0	7.6	7.9	7.6	28.2	33.8	14.8	3,405	8,532	84,115
Part year	6.1	274	11.2	9.2	7.8	8.2	28.1	33.0	13.6	2,443	4,961	45,110
None	3.6	212	20.3	21.1	19.3	11.6	25.3	17.9	4.8	1,042	38,065	383,043
Maintenance Assistance Status												
Cash	3.8	209	17.3	18.2	18.8	11.6	26.2	19.4	5.8	1,203	33,476	341,778
Medically needy	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Poverty related	1.0	55	23.9	48.8	28.6	9.6	11.1	1.9	0.0	229	521	4,776
Other/unknown	5.2	270	11.7	15.9	11.1	8.8	26.4	27.4	10.4	2,315	17,561	165,714

Table D4

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. 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, COLORADO, 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	4.3	\$227	\$53	1.9	\$168	\$90	0.4	\$19	\$49	2.0	\$40	\$20
Age												
5 and younger	3.4	424	125	1.8	401	219	0.4	9	20	1.1	14	13
6-14	6.0	804	133	2.6	716	279	0.4	39	103	3.1	49	16
15-20	2.3	226	96	1.0	164	167	0.2	27	128	1.2	35	30
21-44	3.2	267	85	1.4	204	141	0.3	28	93	1.4	35	25
45-64	4.7	310	66	2.1	233	109	0.4	27	72	2.2	50	23
65-74	4.0	195	49	1.8	144	79	0.3	14	43	1.9	37	20
75-84	4.5	199	44	2.0	145	73	0.4	14	34	2.1	40	19
85 and older	4.7	179	38	1.8	124	69	0.5	15	29	2.3	40	17
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Basis of Eligibility^d												
Aged	4.4	191	44	1.9	138	74	0.4	14	35	2.1	39	18
Disabled	4.0	290	72	1.8	219	120	0.3	27	80	1.8	43	24
Adults	2.9	199	68	1.3	153	122	0.2	16	81	1.5	30	20
Children	4.2	501	119	2.3	423	187	0.3	35	111	1.6	42	26
Unknown	4.2	202	48	1.9	160	83	0.1	5	46	2.2	37	17
Gender												
Female	4.6	228	50	2.0	168	83	0.4	18	44	2.2	41	19
Male	3.6	226	63	1.5	167	108	0.3	20	62	1.7	39	23
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Race												
White	4.7	253	54	2.0	186	91	0.4	22	50	2.2	45	20
African American	3.8	202	53	1.6	150	93	0.3	16	55	1.9	36	19
Other/unknown	3.4	178	52	1.5	134	87	0.3	13	48	1.6	31	20
Use of Nursing Facilities^e												
Entire year	6.3	273	44	2.5	192	76	0.6	22	36	3.1	58	19
Part year	6.1	274	45	2.5	198	79	0.6	22	35	2.9	54	18
None	3.6	212	59	1.6	159	97	0.3	18	59	1.7	35	21
Maintenance Assistance Status												
Cash	3.8	209	54	1.7	155	91	0.3	17	52	1.8	36	20
Medically needy	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Poverty related	1.0	55	57	0.4	43	103	0.1	3	45	0.5	9	19
Other/unknown	5.2	270	52	2.2	197	89	0.5	23	46	2.5	50	20

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. 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 Colorado, 0.2 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, COLORADO, 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	Total No. of Rx	Total Rx \$	No. Dual Benes	As % of Benes	No. of Bene Mos			
															Generic	Generic	Generic
Anti-infective Agents	0.4	0.2	0.0	0.2	\$25	\$23	\$0	\$3	\$71	\$116	\$87	\$16	97,116	\$6,876,621	24,765	48.0 %	270,236
Biologics	0.2	0.0	0.1	0.1	208	0	102	106	1045	0	1,599	785	50	52,274	23	0.0	251
Antineoplastic Agents	0.6	0.3	0.1	0.2	134	101	18	15	218	387	137	65	11,164	2,429,818	1,752	3.4	18,196
Endocrine/Metabolic Drugs	1.1	0.5	0.1	0.4	36	29	2	5	34	55	17	12	247,000	8,378,958	21,712	42.1	233,629
Cardiovascular Agents	1.6	0.6	0.1	0.9	52	33	4	15	32	54	29	17	477,071	15,330,124	27,616	53.6	294,217
Respiratory Agents	0.8	0.5	0.0	0.4	42	31	0	10	49	64	37	30	149,347	7,348,000	16,247	31.5	176,529
Gastrointestinal Agents	0.8	0.4	0.0	0.4	66	54	4	8	80	128	86	23	172,821	13,773,315	19,308	37.4	208,011
Genitourinary Agents	0.5	0.4	0.0	0.2	26	23	0	3	48	64	36	17	45,277	2,169,672	7,513	14.6	82,459
CNS Drugs	1.3	0.7	0.1	0.5	101	75	13	14	78	112	125	26	342,166	26,566,443	24,573	47.7	261,899
Stimulants/Anti-obesity/Anorexia	0.6	0.2	0.0	0.3	38	25	2	11	66	134	45	31	3,732	244,756	579	1.1	6,384
Miscellaneous Psychological/Neurological Agents	0.7	0.6	0.0	0.0	87	86	0	1	130	136	38	27	12,277	1,592,077	1,764	3.4	18,286
Analgesics and Anesthetics	0.9	0.3	0.1	0.5	50	36	5	9	56	109	88	17	233,800	13,154,009	24,570	47.7	263,731
Neuromuscular Agents	1.1	0.5	0.1	0.5	66	49	4	13	61	109	39	24	155,416	9,417,282	13,072	25.4	142,296
Nutritional Products	0.6	0.0	0.2	0.4	13	0	6	7	20	24	26	17	65,498	1,337,314	9,746	18.9	102,160
Hematological Agents	1.0	0.2	0.3	0.5	44	32	4	8	43	164	12	16	74,522	3,200,044	6,893	13.4	72,761
Topical Products	0.4	0.2	0.0	0.2	15	10	1	4	36	57	37	17	79,241	2,853,273	16,966	32.9	188,123
Miscellaneous Products	0.6	0.2	0.1	0.3	125	81	19	25	222	394	264	88	6,565	1,460,547	1,143	2.2	11,673
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	8	0	0	0	30	0	0	0	4,828	142,843	1,570	3.0	17,110
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.	2,177,891	116,327,370	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. 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 Colorado, 0.2 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, COLORADO, 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
ANTIPSYCHOTICS	\$14,137,357	11,336	22.0 %	122,882	0.8	\$139	\$115
ULCER DRUGS	11,591,097	19,609	38.0	213,156	0.6	90	54
ANTIDEPRESSANTS	9,701,950	20,804	40.4	223,087	0.7	64	43
ANALGESICS - Narcotic	7,252,882	27,636	53.6	297,686	0.5	50	24
ANTICONVULSANT	7,151,500	10,774	20.9	117,954	0.9	70	61
ANALGESICS - ANTI-INFLAMMATORY	5,075,808	14,691	28.5	163,880	0.4	71	31
ANTIDIABETIC	4,818,821	12,824	24.9	139,559	0.7	48	35
ANTIHYPERTENSIVE	4,769,387	17,799	34.5	192,144	0.7	37	25
ANTIASTHMATIC	4,681,066	17,164	33.3	184,919	0.5	50	25
ANTIHYPERLIPIDEMIC	4,036,056	7,023	13.6	78,161	0.7	79	52
Total	73,215,924	159,660		1,733,428	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. 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, COLORADO, 2001

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIPSYCHOTICS				ULCER DRUGS			
	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 \$
All	1,075,333	\$73,215,924	11,336	22.0 %	122,882	0.8	\$115	19,609	38.0 %	213,156	0.6	\$54
Female	732,922	47,588,953	6,654	19.9	71,923	0.8	96	13,928	41.6	152,070	0.6	54
Disabled	233,251	18,667,328	2,587	28.3	29,194	0.9	133	3,668	40.2	41,224	0.6	57
5 and younger	24	1,315	1	33.3	12	0.1	19	2	66.7	24	0.5	31
6-14	20	477	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	328	25,416	7	24.1	65	0.8	127	8	27.6	91	0.4	10
21-44	71,049	6,231,542	1,178	35.0	13,314	0.9	134	1,000	29.7	11,311	0.5	51
45-64	152,492	11,767,793	1,327	24.9	14,949	0.9	135	2,478	46.5	27,834	0.6	59
65-74	9,035	625,222	73	19.1	842	0.6	75	172	45.0	1,884	0.6	56
75-84	177	8,441	0	0.0	0	0.0	0	6	40.0	63	0.6	47
85 and older	126	7,122	1	12.5	12	0.4	155	2	25.0	17	0.9	61
Other Eligibles	499,671	28,921,625	4,067	16.7	42,729	0.7	71	10,260	42.1	110,846	0.6	53
5 and younger	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
15-20	28	4,403	2	200.0	24	0.3	96	1	100.0	12	0.2	4
21-44	1,432	101,789	23	15.3	147	0.4	51	28	18.7	222	0.4	47
45-64	586	37,754	6	13.6	52	0.6	11	17	38.6	162	0.4	46
65-74	160,170	9,886,747	1,005	13.7	10,916	0.7	80	3,180	43.3	35,447	0.6	53
75-84	191,796	11,081,629	1,533	17.5	16,313	0.7	76	3,813	43.6	41,580	0.6	52
85 and older	145,659	7,809,303	1,498	18.5	15,277	0.6	58	3,221	39.8	33,423	0.7	54
Male	342,411	25,626,971	4,682	25.9	50,959	0.9	142	5,681	31.5	61,086	0.6	56
Disabled	179,746	16,277,614	3,102	34.6	34,911	1.0	173	2,437	27.2	27,177	0.6	59
5 and younger	11	305	0	0.0	0	0.0	0	2	66.7	21	0.3	10
6-14	118	3,583	1	11.1	10	0.1	4	6	66.7	65	0.8	12
15-20	479	38,466	8	16.7	88	0.7	168	9	18.8	86	0.5	46
21-44	74,073	7,439,889	1,659	37.4	18,583	1.0	176	938	21.1	10,585	0.6	59
45-64	100,757	8,520,389	1,400	32.9	15,860	1.0	171	1,415	33.3	15,692	0.6	60
65-74	4,214	270,958	34	16.6	370	0.8	98	67	32.7	728	0.7	56
75-84	94	4,024	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Other Eligibles	162,665	9,349,357	1,580	17.4	16,048	0.7	74	3,244	35.6	33,909	0.6	53
5 and younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	16	786	0	0.0	0	0.0	0	1	100.0	12	1.3	66
15-20	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
21-44	552	32,225	7	9.7	58	0.4	34	18	25.0	143	0.3	32
45-64	319	23,676	0	0.0	0	0.0	0	8	18.6	60	0.6	59
65-74	67,398	4,027,705	506	13.4	5,321	0.8	90	1,278	33.9	13,882	0.6	51
75-84	63,463	3,575,511	682	20.7	7,034	0.7	70	1,207	36.7	12,702	0.6	55
85 and older	30,917	1,689,454	385	20.0	3,635	0.6	60	732	38.1	7,110	0.7	54
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 Colorado, released by CMS in 03/2005. 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, COLORADO, 2001

Beneficiary Characteristics	ANTIDEPRESSANTS					ANALGESICS - Narcotic					ANTICONVULSANT				
	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean Rx	Mean Rx \$
All	20,804	40.4 %	223,087	0.7	\$44	27,636	53.6 %	297,686	0.5	\$24	10,774	20.9 %	117,954	0.9	\$61
Female	14,799	44.2	159,315	0.7	43	20,004	59.7	216,236	0.5	24	6,399	19.1	69,920	0.8	55
Disabled	5,278	57.8	58,932	0.7	49	6,423	70.3	72,128	0.5	32	3,367	36.9	37,953	0.9	70
5 and younger	0	0.0	0	0.0	0	1	33.3	12	0.1	2	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
15-20	12	41.4	121	0.7	80	11	37.9	132	0.2	3	9	31.0	97	0.9	50
21-44	1,791	53.2	20,058	0.6	51	2,128	63.2	23,886	0.5	30	1,452	43.1	16,414	0.9	77
45-64	3,309	62.1	36,913	0.7	48	4,076	76.5	45,847	0.6	34	1,849	34.7	20,795	0.9	65
65-74	158	41.4	1,744	0.6	43	199	52.1	2,164	0.5	27	55	14.4	623	0.8	48
75-84	5	33.3	60	0.6	14	5	33.3	51	0.3	2	1	6.7	12	1.2	37
85 and older	3	37.5	36	0.4	32	3	37.5	36	0.3	13	1	12.5	12	0.8	11
Other Eligibles	9,521	39.1	100,383	0.7	40	13,581	55.7	144,108	0.5	19	3,032	12.4	31,967	0.8	36
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	0	0.0	0	0.0	0
15-20	2	200.0	24	0.8	86	0	0.0	0	0.0	0	0	0.0	0	0.0	0
21-44	59	39.3	437	0.6	49	105	70.0	833	0.7	48	31	20.7	200	0.5	33
45-64	25	56.8	198	0.7	55	36	81.8	311	0.6	38	10	22.7	87	0.6	29
65-74	2,688	36.6	29,477	0.6	37	4,135	56.3	45,902	0.5	18	1,052	14.3	11,513	0.8	42
75-84	3,529	40.4	37,487	0.7	40	4,881	55.8	52,735	0.5	20	1,173	13.4	12,474	0.8	35
85 and older	3,218	39.8	32,760	0.7	42	4,424	54.7	44,327	0.5	19	766	9.5	7,693	0.8	30
Male	6,005	33.3	63,772	0.7	45	7,632	42.3	81,450	0.5	27	4,375	24.2	48,034	0.9	69
Disabled	3,144	35.1	34,930	0.7	48	3,827	42.7	42,460	0.5	37	3,124	34.9	34,957	1.0	81
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	2	22.2	24	0.7	67	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	8	16.7	83	0.8	30	15	31.3	137	0.5	27	13	27.1	118	0.9	75
21-44	1,493	33.7	16,664	0.6	48	1,743	39.3	19,501	0.5	32	1,528	34.5	17,018	0.9	87
45-64	1,587	37.3	17,591	0.7	48	1,999	47.0	22,067	0.5	42	1,528	36.0	17,212	1.0	77
65-74	54	26.3	568	0.7	47	69	33.7	743	0.6	31	55	26.8	609	0.8	44
75-84	0	0.0	0	0.0	0	1	16.7	12	0.8	10	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Other Eligibles	2,861	31.4	28,842	0.7	40	3,805	41.8	38,990	0.4	16	1,251	13.7	13,077	0.8	38
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	0	0.0	0	0.0	0
15-20	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
21-44	25	34.7	169	0.5	27	50	69.4	351	0.8	36	11	15.3	97	0.5	42
45-64	10	23.3	74	0.6	44	22	51.2	159	0.5	27	5	11.6	44	0.6	101
65-74	995	26.4	10,532	0.7	39	1,527	40.5	16,553	0.4	15	589	15.6	6,298	0.8	43
75-84	1,159	35.2	11,570	0.7	40	1,418	43.1	14,538	0.5	16	452	13.7	4,660	0.8	34
85 and older	672	35.0	6,497	0.7	44	788	41.0	7,389	0.4	17	194	10.1	1,978	0.8	30
Unknown	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 Colorado, released by CMS in 03/2005. 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, COLORADO, 2001

Beneficiary Characteristics	ANALGESICS - ANTI-INFLAMMATORY					ANTI-DIABETIC					ANTI-HYPERTENSIVE				
	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	14,691	28.5 %	163,880	0.4	\$31	12,824	24.9 %	139,559	0.7	\$35	17,799	34.5 %	192,144	0.7	\$25
Female	10,817	32.3	120,976	0.4	33	8,968	26.8	97,863	0.7	34	12,316	36.8	133,325	0.7	25
Disabled	3,319	36.3	37,812	0.4	34	2,116	23.2	23,413	0.7	41	2,143	23.5	23,888	0.7	24
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	66.7	24	0.4	13
6-14	0	0.0	0	0.0	0	1	50.0	12	1.0	35	1	50.0	12	0.7	5
15-20	6	20.7	72	0.2	2	1	3.4	12	0.5	28	5	17.2	34	0.7	24
21-44	970	28.8	11,071	0.3	23	394	11.7	4,421	0.7	38	396	11.8	4,413	0.6	21
45-64	2,188	41.1	24,929	0.4	39	1,595	29.9	17,593	0.7	41	1,580	29.7	17,693	0.7	25
65-74	149	39.0	1,668	0.4	38	120	31.4	1,315	0.7	45	154	40.3	1,652	0.7	25
75-84	5	33.3	60	0.4	34	0	0.0	0	0.0	0	3	20.0	36	1.0	27
85 and older	1	12.5	12	0.8	63	5	62.5	60	0.6	12	2	25.0	24	1.0	42
Other Eligibles	7,498	30.8	83,164	0.5	33	6,852	28.1	74,450	0.7	32	10,173	41.8	109,437	0.7	25
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	0	0.0	0	0.0	0
15-20	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
21-44	40	26.7	319	0.2	13	5	3.3	35	0.9	50	9	6.0	84	0.6	17
45-64	11	25.0	96	0.5	10	2	4.5	11	0.4	13	4	9.1	25	0.7	16
65-74	2,711	36.9	30,698	0.4	32	2,677	36.5	29,469	0.7	36	3,105	42.3	34,267	0.6	25
75-84	2,744	31.4	30,966	0.5	32	2,785	31.9	30,350	0.7	31	4,004	45.8	43,713	0.7	25
85 and older	1,992	24.6	21,085	0.5	36	1,383	17.1	14,585	0.7	26	3,051	37.7	31,348	0.8	25
Male	3,874	21.5	42,904	0.4	24	3,856	21.4	41,696	0.7	35	5,483	30.4	58,819	0.7	24
Disabled	1,798	20.1	20,199	0.4	20	1,412	15.8	15,672	0.7	41	1,828	20.4	20,035	0.7	24
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	33.3	12	0.4	7
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	6	66.7	59	0.8	20
15-20	9	18.8	99	0.3	11	0	0.0	0	0.0	0	10	20.8	106	1.0	33
21-44	753	17.0	8,511	0.3	14	316	7.1	3,523	0.7	42	521	11.7	5,741	0.6	22
45-64	992	23.3	11,103	0.4	25	1,046	24.6	11,614	0.7	41	1,208	28.4	13,205	0.7	24
65-74	44	21.5	486	0.5	32	48	23.4	511	0.8	49	78	38.0	864	0.7	25
75-84	0	0.0	0	0.0	0	2	33.3	24	0.9	20	4	66.7	48	0.8	28
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Other Eligibles	2,076	22.8	22,705	0.5	28	2,444	26.9	26,024	0.7	32	3,655	40.2	38,784	0.7	24
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	0	0.0	0	0.0	0
15-20	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
21-44	14	19.4	85	0.3	25	4	5.6	23	0.3	13	7	9.7	43	0.7	17
45-64	7	16.3	49	0.5	42	9	20.9	42	0.7	17	11	25.6	52	0.4	16
65-74	902	23.9	10,172	0.4	25	1,147	30.4	12,516	0.7	35	1,515	40.2	16,608	0.6	25
75-84	756	23.0	8,345	0.5	29	956	29.0	10,149	0.7	31	1,446	43.9	15,326	0.7	25
85 and older	397	20.7	4,054	0.5	34	328	17.1	3,294	0.7	26	676	35.2	6,755	0.7	23
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 Colorado, released by CMS in 03/2005. 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, COLORADO, 2001

Beneficiary Characteristics	ANTIASTHMATIC				ANTIHYPERLIPIDEMIC				No. of Bene Mos			
	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 Benes
All	17,164	33.3 %	184,919	0.5	\$25	7,023	13.6 %	78,161	0.7	\$52	51,558	512,268
Female	12,042	35.9	130,839	0.5	25	4,810	14.4	53,644	0.6	51	33,499	334,831
Disabled	3,615	39.6	40,391	0.5	25	1,267	13.9	14,163	0.6	52	9,135	94,093
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	3	36
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	24
15-20	2	6.9	24	0.1	2	0	0.0	0	0.0	0	29	299
21-44	968	28.7	10,964	0.4	23	185	5.5	2,106	0.6	51	3,369	34,745
45-64	2,452	46.0	27,343	0.5	26	984	18.5	10,973	0.6	51	5,327	55,145
65-74	188	49.2	2,000	0.6	35	96	25.1	1,060	0.6	59	382	3,596
75-84	5	33.3	60	0.1	4	2	13.3	24	0.6	34	15	159
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	8	89
Other Eligibles	8,427	34.6	90,448	0.5	25	3,543	14.5	39,481	0.6	51	24,364	240,738
5 and younger	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
15-20	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	12
21-44	31	20.7	255	0.6	25	5	3.3	40	0.6	46	150	787
45-64	10	22.7	101	0.3	15	3	6.8	25	0.7	56	44	256
65-74	2,848	38.8	31,375	0.5	27	1,698	23.1	18,930	0.6	52	7,340	74,407
75-84	3,162	36.2	34,162	0.5	25	1,452	16.6	16,341	0.7	51	8,743	88,356
85 and older	2,376	29.4	24,555	0.5	22	385	4.8	4,145	0.7	48	8,086	76,920
Male	5,122	28.4	54,080	0.5	27	2,213	12.3	24,517	0.7	53	18,059	177,437
Disabled	1,787	20.0	19,733	0.5	25	982	11.0	11,041	0.7	50	8,957	91,564
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	3	28
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	9	90
15-20	2	4.2	22	0.1	4	0	0.0	0	0.0	0	48	434
21-44	584	13.2	6,458	0.5	21	257	5.8	2,979	0.6	46	4,435	45,414
45-64	1,127	26.5	12,483	0.5	27	674	15.9	7,516	0.7	51	4,250	43,561
65-74	73	35.6	758	0.5	28	49	23.9	522	0.7	65	205	1,962
75-84	1	16.7	12	0.3	17	2	33.3	24	0.9	79	6	63
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	12
Other Eligibles	3,335	36.6	34,347	0.6	27	1,231	13.5	13,476	0.7	55	9,102	85,873
5 and younger	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	12
15-20	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	5
21-44	6	8.3	35	0.3	11	3	4.2	26	0.4	38	72	412
45-64	12	27.9	91	0.4	24	6	14.0	34	0.6	72	43	224
65-74	1,269	33.7	13,594	0.6	29	715	19.0	7,935	0.7	55	3,769	37,148
75-84	1,275	38.7	13,154	0.5	27	420	12.8	4,623	0.7	55	3,293	31,321
85 and older	773	40.2	7,473	0.6	25	87	4.5	858	0.7	53	1,922	16,751
Unknown	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 Colorado, released by CMS in 03/2005. 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, COLORADO, 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	\$273	6.3	8,532	84,115
Age				
0-64	490	7.6	697	7,592
65-74	343	7.2	936	9,689
75-84	281	6.6	2,703	26,641
85 and older	210	5.5	4,196	40,193
Unknown	0	0.0	0	0
Gender				
Female	261	6.3	6,142	60,982
Male	305	6.2	2,390	23,133
Unknown	0	0.0	0	0
Race				
White	276	6.3	6,992	68,348
African American	244	5.2	229	2,396
Other/unknown	262	6	1,311	13,371
Basis of Eligibility^c				
Aged	251	6.1	7,801	76,131
Disabled	486	7.6	731	7,984
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 Colorado, released by CMS in 03/2005. 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 4,961 beneficiaries who were in nursing facilities for part of their enrollment and their 45,110 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, COLORADO, 2001

Therapeutic Category	No. of Rx per Bene Mo among Users				\$ per Bene Mo among Users				Total # of Rx				Total Rx \$		Users		
	Total	Patented	Off-Patent	Generic	Total	Patented	Off-Patent	Generic	Total	Patented	Off-Patent	Generic	No.	As % of Dual All-Year NF Residents	No. of Bene Mos		
Anti-infective Agents	0.4	0.2	0.0	0.2	\$17	\$14	\$0	\$2	\$44	\$68	\$45	\$13	21,836	\$950,219	5,437	63.7 %	57,318
Biologics	0.1	0.0	0.0	0.1	2	0	0	2	18	0	0	18	14	249	14	0.2	161
Antineoplastic Agents	0.7	0.2	0.2	0.2	96	43	33	20	136	210	133	78	3,337	453,657	470	5.5	4,738
Endocrine/Metabolic Drugs	1.3	0.5	0.1	0.6	33	25	2	7	26	46	15	11	55,592	1,448,914	4,167	48.8	43,493
Cardiovascular Agents	1.9	0.5	0.2	1.2	44	23	3	19	23	42	19	16	105,058	2,446,597	5,364	62.9	55,182
Respiratory Agents	0.9	0.4	0.0	0.5	38	21	0	17	42	55	30	33	28,923	1,222,539	3,046	35.7	31,859
Gastrointestinal Agents	1.1	0.4	0.1	0.6	64	46	5	13	57	103	69	21	45,820	2,593,318	3,884	45.5	40,680
Genitourinary Agents	0.7	0.5	0.0	0.2	33	28	0	4	48	63	39	18	13,372	639,297	1,803	21.1	19,399
CNS Drugs	1.6	1.0	0.1	0.5	118	94	10	14	75	94	108	28	90,552	6,758,842	5,473	64.1	57,178
Stimulants/Anti-obesity/Anorexia	0.6	0.1	0.0	0.5	18	8	1	9	28	107	26	16	707	19,934	106	1.2	1,103
Miscellaneous Psychological/Neurological Agents	0.8	0.8	0.0	0.0	97	96	0	0	115	116	0	34	4,416	507,562	514	6.0	5,250
Analgesics and Anesthetics	1.1	0.5	0.1	0.5	49	40	3	6	46	82	39	11	46,241	2,115,402	4,277	50.1	43,597
Neuromuscular Agents	1.4	0.6	0.1	0.7	75	47	6	22	53	84	42	31	37,374	1,990,359	2,478	29.0	26,516
Nutritional Products	0.8	0.0	0.3	0.6	15	0	6	8	18	19	24	15	22,589	402,999	2,710	31.8	27,690
Hematological Agents	1.8	0.2	0.7	0.9	44	29	6	9	25	124	9	11	28,626	712,533	1,561	18.3	16,075
Topical Products	0.5	0.2	0.0	0.2	15	9	2	4	32	51	37	16	19,780	627,696	4,000	46.9	43,129
Miscellaneous Products	0.3	0.0	0.0	0.2	10	5	2	4	40	120	230	18	876	35,459	344	4.0	3,378
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	10	0	0	0	33	0	0	0	1,180	38,624	365	4.3	3,871
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.	526,293	22,964,200	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. 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 4,961 beneficiaries who were in nursing facilities for part of their enrollment and their 45,110 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 Colorado, 0.2 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, COLORADO, 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
ANTIPSYCHOTICS	\$3,711,428	3,184	37.3 %	34,279	0.9	\$116	\$108
ANTIDEPRESSANTS	2,598,794	4,767	55.9	50,163	0.9	60	52
ULCER DRUGS	2,287,824	3,652	42.8	38,486	0.8	73	59
ANALGESICS - Narcotic	1,270,661	4,555	53.4	46,343	0.7	41	27
ANTICONVULSANT	1,227,716	2,062	24.2	22,486	1.1	52	55
ANTIHYPERTENSIVE	881,250	3,002	35.2	30,999	0.9	32	28
ANTIASTHMATIC	878,924	3,364	39.4	34,969	0.6	44	25
ANALGESICS - ANTI-INFLAMMATORY	808,682	1,816	21.3	19,484	0.6	64	42
ANTIDIABETIC	697,585	2,067	24.2	21,918	0.9	36	32
ANTIPARKINSONIAN	638,533	1,044	12.2	11,036	0.9	62	58
Total	15,001,397	29,513		310,163	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. 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 4,961 beneficiaries who were in nursing facilities for part of their enrollment and their 45,110 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, COLORADO, 2001

Beneficiary Characteristics	All Top 10 Drug Groups						ANTIPSYCHOTICS						ANTIDEPRESSANTS					
	No. of Rx	Rx \$	Users as %			Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Users as %			Mean Rx \$	Mean No. of Rx	No. of Bene Mos among Users	Users as %		
			Residents	NF	All-Year					Residents	NF	All-Year				Residents	NF	All-Year
All	251,543	\$15,001,397	3,184	37.3 %	34,279	0.9	\$108	4,767	55.9 %	50,163	0.9	\$52	4,767	55.9 %	50,163	0.9	\$52	
Female	174,734	10,167,705	2,114	34.4	22,807	0.9	100	3,452	56.2	36,478	0.9	51	3,452	56.2	36,478	0.9	51	
Disabled	15,177	1,223,250	225	72.6	2,623	1.5	223	199	64.2	2,198	1.0	69	199	64.2	2,198	1.0	69	
64 or younger	14,383	1,152,145	209	71.3	2,431	1.5	229	193	65.9	2,126	1.0	68	193	65.9	2,126	1.0	68	
65-74	770	69,446	16	100.0	192	0.8	151	6	37.5	72	0.9	79	6	37.5	72	0.9	79	
75-84	24	1,659	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	
Other Eligibles	159,557	8,944,455	1,889	32.4	20,184	0.8	84	3,253	55.8	34,280	0.9	50	3,253	55.8	34,280	0.9	50	
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	
65-74	21,797	1,357,548	251	48.0	2,768	1.0	119	356	68.1	3,848	0.8	52	356	68.1	3,848	0.8	52	
75-84	60,562	3,437,105	750	40.0	8,101	0.9	93	1,217	64.8	12,949	0.9	52	1,217	64.8	12,949	0.9	52	
85 and older	77,198	4,149,802	888	25.9	9,315	0.7	65	1,680	49.0	17,483	0.8	48	1,680	49.0	17,483	0.8	48	
Male	76,809	4,833,692	1,070	44.8	11,472	1.0	126	1,315	55.0	13,685	0.9	54	1,315	55.0	13,685	0.9	54	
Disabled	20,759	1,648,591	306	72.7	3,556	1.4	212	241	57.2	2,729	1.0	63	241	57.2	2,729	1.0	63	
64 or younger	19,911	1,604,003	291	72.0	3,379	1.5	218	234	57.9	2,648	1.0	63	234	57.9	2,648	1.0	63	
65-74	804	43,596	15	93.8	177	1.0	91	7	43.8	81	1.0	59	7	43.8	81	1.0	59	
75-84	44	992	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	
Other Eligibles	56,050	3,185,101	764	38.8	7,916	0.8	87	1,074	54.5	10,956	0.9	51	1,074	54.5	10,956	0.9	51	
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	
65-74	14,180	858,650	175	45.9	1,903	1.0	120	229	60.1	2,514	0.9	55	229	60.1	2,514	0.9	55	
75-84	25,514	1,435,853	366	44.4	3,861	0.8	82	481	58.4	4,856	0.8	50	481	58.4	4,856	0.8	50	
85 and older	16,356	890,598	223	29.2	2,152	0.7	65	364	47.6	3,586	0.8	50	364	47.6	3,586	0.8	50	
Unknown	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 Colorado, released by CMS in 03/2005. 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 4,961 beneficiaries who were in nursing facilities for part of their enrollment and their 45,110 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, COLORADO, 2001

Beneficiary Characteristics	ULCER DRUGS						ANALGESICS - Narcotic						ANTICONVULSANT					
	Users as %			Users as %			Users as %			Users as %			Users as %			Users as %		
	No. of Users	No. of Bene among Users	Mean No. of Rx	No. of Users	No. of Bene among Users	Mean No. of Rx	No. of Users	No. of Bene among Users	Mean No. of Rx	No. of Users	No. of Bene among Users	Mean No. of Rx	No. of Users	No. of Bene among Users	Mean No. of Rx	No. of Users	No. of Bene among Users	Mean No. of Rx
All	3,652	42.8 %	0.8	4,555	53.4 %	0.7	2,062	24.2 %	\$27	22,486	1.1	\$55						
Female	2,641	43.0	0.8	3,494	56.9	0.7	1,239	20.2	29	13,413	1.0	50						
Disabled	148	47.7	0.8	163	52.6	0.7	231	74.5	23	2,692	1.2	78						
64 or younger	137	46.8	0.8	156	53.2	0.7	218	74.4	21	2,540	1.2	78						
65-74	10	62.5	0.9	7	43.8	0.5	12	75.0	55	140	1.0	75						
75-84	1	100.0	0.8	0	0.0	0.0	1	100.0	0	12	1.2	37						
85 and older	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0	0.0	0						
Other Eligibles	2,493	42.7	0.8	3,331	57.1	0.7	1,008	17.3	29	10,721	0.9	43						
64 or younger	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0	0.0	0						
65-74	243	46.5	0.8	340	65.0	0.9	211	40.3	38	2,332	1.1	58						
75-84	829	44.2	0.8	1,084	57.8	0.8	415	22.1	33	4,478	0.9	42						
85 and older	1,421	41.4	0.8	1,907	55.6	0.6	382	11.1	26	3,911	0.8	34						
Male	1,011	42.3	0.8	1,061	44.4	0.6	823	34.4	22	9,073	1.2	62						
Disabled	183	43.5	0.9	161	38.2	0.6	326	77.4	33	3,784	1.4	86						
64 or younger	175	43.3	0.9	154	38.1	0.6	310	76.7	34	3,604	1.4	88						
65-74	8	50.0	0.9	6	37.5	0.6	16	100.0	10	180	1.0	46						
75-84	0	0.0	0.0	1	100.0	0.8	0	0.0	10	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						
Other Eligibles	828	42.1	0.8	900	45.7	0.6	497	25.2	20	5,289	1.0	44						
64 or younger	0	0.0	0.0	0	0.0	0.0	0	0.0	0	0	0.0	0						
65-74	175	45.9	0.8	168	44.1	0.6	169	44.4	19	1,872	1.1	55						
75-84	348	42.2	0.8	392	47.6	0.6	217	26.3	23	2,288	1.0	41						
85 and older	305	39.9	0.8	340	44.5	0.5	111	14.5	16	1,129	0.9	34						
Unknown	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 Colorado, released by CMS in 03/2005. 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 4,961 beneficiaries who were in nursing facilities for part of their enrollment and their 45,110 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.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, COLORADO, 2001

Beneficiary Characteristics	ANTIHYPERTENSIVE					ANTIASTHMATIC					ANALGESICS - ANTI-INFLAMMATORY							
	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	3,002	30,999	0.9	\$28	0.6	3,364	34,969	0.6	\$25	1,816	19,484	0.6	\$42					
Female	2,167	22,421	0.9	28	0.5	2,324	24,361	0.5	24	1,372	14,732	0.7	43					
Disabled	73	822	0.8	31	0.6	134	1,490	0.6	25	61	718	0.6	34					
64 or younger	65	730	0.8	31	0.6	126	1,398	0.6	25	57	670	0.6	31					
65-74	8	92	0.9	30	0.5	8	92	0.5	22	4	48	0.7	65					
75-84	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					
Other Eligibles	2,094	21,599	0.9	28	0.5	2,190	22,871	0.5	24	1,311	14,014	0.7	44					
64 or younger	0	0	0.0	0	0.0	0	0	0.0	0	0	0	0.0	0					
65-74	212	2,199	0.9	31	0.6	268	2,789	0.6	28	124	1,351	0.6	51					
75-84	727	7,685	0.9	28	0.5	772	8,116	0.5	24	413	4,522	0.7	44					
85 and older	1,155	11,715	0.9	27	0.5	1,150	11,966	0.5	23	774	8,141	0.6	42					
Male	835	8,578	0.9	30	0.6	1,040	10,608	0.6	28	444	4,752	0.6	37					
Disabled	121	1,325	1.0	35	0.7	136	1,505	0.7	31	64	741	0.6	26					
64 or younger	110	1,196	0.9	35	0.7	126	1,421	0.7	31	62	717	0.6	25					
65-74	10	117	1.1	34	0.6	10	84	0.6	33	2	24	0.8	31					
75-84	1	12	1.1	33	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					
Other Eligibles	714	7,253	0.9	29	0.6	904	9,103	0.6	28	380	4,011	0.7	39					
64 or younger	0	0	0.0	0	0.0	0	0	0.0	0	0	0	0.0	0					
65-74	133	1,442	0.9	31	0.7	156	1,669	0.7	32	67	746	0.7	41					
75-84	341	3,482	0.9	28	0.6	407	4,129	0.6	27	154	1,620	0.6	35					
85 and older	240	2,329	0.9	27	0.6	341	3,305	0.6	26	159	1,645	0.7	41					
Unknown	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 Colorado, released by CMS in 03/2005. 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 4,961 beneficiaries who were in nursing facilities for part of their enrollment and their 45,110 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).
- Benefit 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, COLORADO, 2001

Beneficiary Characteristics	ANTIDIABETIC					ANTIPARKINSONIAN					Mean Rx \$	Mean No. of Rx	All-Year NF Residents	Bene Mos among All-Year NF Residents		
	Users as %		No. of Bene Mos among Users		Mean		Users as %		No. of Bene Mos among Users						Mean	
	No. of Users	Residents	No. of Users	Residents	No. of Users	Residents	No. of Users	Residents	No. of Users	Residents					No. of Users	Residents
All	2,067	24.2 %	21,918	0.9	\$32	1,044	12.2 %	11,036	0.9	\$58	8,532	84,115				
Female	1,459	23.8	15,500	0.9	31	618	10.1	6,599	0.9	58	6,142	60,982				
Disabled	88	28.4	971	0.9	38	51	16.5	604	0.9	16	310	3,387				
64 or younger	83	28.3	911	0.9	36	49	16.7	580	0.9	16	293	3,187				
65-74	5	31.3	60	1.1	70	2	12.5	24	0.8	6	16	188				
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	12				
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0				
Other Eligibles	1,371	23.5	14,529	0.9	30	567	9.7	5,995	0.9	62	5,832	57,595				
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0				
65-74	216	41.3	2,318	1.0	38	103	19.7	1,095	1.0	75	523	5,380				
75-84	569	30.3	6,014	0.9	30	273	14.5	2,897	0.9	56	1,877	18,806				
85 and older	586	17.1	6,197	0.8	27	191	5.6	2,003	0.9	64	3,432	33,409				
Male	608	25.4	6,418	0.9	35	426	17.8	4,437	0.9	58	2,390	23,133				
Disabled	91	21.6	1,037	1.0	42	93	22.1	1,085	0.9	40	421	4,597				
64 or younger	85	21.0	971	1.0	42	92	22.8	1,073	0.9	40	404	4,405				
65-74	4	25.0	42	1.2	49	1	6.3	12	0.9	10	16	180				
75-84	2	200.0	24	0.9	20	0	0.0	0	0.0	0	1	12				
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0				
Other Eligibles	517	26.3	5,381	0.9	34	333	16.9	3,352	0.9	63	1,969	18,536				
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0				
65-74	121	31.8	1,316	1.0	39	87	22.8	918	1.0	65	381	3,941				
75-84	271	32.9	2,804	0.9	33	146	17.7	1,470	1.0	68	824	7,811				
85 and older	125	16.4	1,261	0.8	30	100	13.1	964	0.8	55	764	6,784				
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 Colorado, released by CMS in 03/2005. 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 4,961 beneficiaries who were in nursing facilities for part of their enrollment and their 45,110 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}
 COLORADO, 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
			3.2	41.0 %					
All	21,113	41.0 %	3.2	162,646	\$70	\$3,616,976	\$22	3.1 %	51,558
Age									
5 and younger	5	83.3	10.5	63	186	1,118	18	4.1	6
6-14	6	50.0	4.9	59	129	1,550	26	1.5	12
15-20	26	32.5	1.7	134	59	4,710	35	2.8	80
21-44	2,451	30.5	2.3	18,848	73	586,319	31	2.7	8,026
45-64	3,966	41.0	3.6	34,697	84	809,338	23	2.6	9,664
65-74	4,282	36.6	2.8	32,775	59	689,608	21	3.0	11,696
75-84	5,320	44.1	3.3	40,063	69	827,767	21	3.5	12,057
85 and older	5,057	50.5	3.6	36,007	70	696,566	19	4.1	10,017
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Basis of Eligibility^c									
Aged	14,430	43.5	3.2	106,844	65	2,168,362	20	3.5	33,142
Disabled	6,615	36.6	3.1	55,415	80	1,439,956	26	2.7	18,092
Adults	65	21.0	1.2	377	26	8,196	22	2.5	310
Children	2	40.0	1.6	8	90	451	56	2.2	5
Unknown	1	11.1	0.2	2	1	11	6	0.1	9
Gender									
Female	14,872	44.4	3.5	115,960	74	2,474,655	21	3.2	33,499
Male	6,241	34.6	2.6	46,686	63	1,142,321	24	2.8	18,059
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Race									
White	14,881	44.4	3.6	119,745	80	2,677,163	22	3.2	33,513
African American	692	37.3	2.5	4,573	56	104,910	23	2.9	1,857
Other/unknown	5,540	34.2	2.4	38,328	52	834,903	22	2.9	16,188
Use of Nursing Facilities^d									
Entire year	4,890	57.3	4.8	40,622	97	829,333	20	3.6	8,532
Part year	3,059	61.7	4.4	21,633	92	454,750	21	3.7	4,961
None	13,164	34.6	2.6	100,391	61	2,332,893	23	2.9	38,065
Maintenance Assistance Status									
Cash	12,526	37.4	2.8	94,951	63	2,110,972	22	3.0	33,476
Medically needy	0	0.0	0.0	0	0	0	0	0.0	0
Poverty related	83	15.9	0.7	365	17	8,729	24	3.3	521
Other/unknown	8,504	48.4	3.8	67,330	85	1,497,275	22	3.3	17,561

Table D11

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. 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}
 COLORADO, 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	\$7	\$22	\$0	\$2	512,268
Age						
5 and younger	1.0	17	18	0	0	64
6-14	0.5	12	26	0	0	126
15-20	0.2	6	35	0	1	750
21-44	0.2	7	31	0	3	81,358
45-64	0.3	8	23	0	3	99,186
65-74	0.3	6	21	0	2	117,113
75-84	0.3	7	21	0	2	119,899
85 and older	0.4	7	19	0	1	93,772
Unknown	0.0	0	0	0	0	0
Basis of Eligibility^c						
Aged	0.3	7	20	0	2	324,837
Disabled	0.3	8	26	0	3	185,657
Adults	0.2	5	22	0	2	1,676
Children	0.2	11	56	0	0	41
Unknown	0.0	0	6	0	0	57
Gender						
Female	0.3	7	21	0	2	334,831
Male	0.3	6	24	0	2	177,437
Unknown	0.0	0	0	0	0	0
Race						
White	0.4	8	22	0	3	331,104
African American	0.3	6	23	0	2	18,185
Other/unknown	0.2	5	22	0	2	162,979
Use of Nursing Facilities^d						
Entire year	0.5	10	20	0	2	84,115
Part year	0.5	10	21	0	2	45,110
None	0.3	6	23	0	2	383,043
Maintenance Assistance Status						
Cash	0.3	6	22	0	2	341,778
Medically needy	0.0	0	0	0	0	0
Poverty related	0.1	2	24	0	1	4,776
Other/unknown	0.4	9	22	0	2	165,714

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. 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}
 COLORADO, 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	26,920	\$134	\$3,616,976	100.0 %	162,646	\$22	100.0 %
Anorexia or weight loss/gain	500	269	134,601	3.7	1,061	127	0.7
Fertility drugs	12	18	210	0.0	12	18	0.0
Drugs for cosmetic purposes	239	824	196,835	5.4	1,520	129	0.9
Cough and cold medications	3,440	90	309,644	8.6	11,945	26	7.3
Vitamins and minerals	9,576	135	1,292,771	35.7	63,844	20	39.3
Non-prescription drugs	2,318	136	315,157	8.7	12,597	25	7.7
Barbiturates	389	72	28,002	0.8	3,840	7	2.4
Benzodiazepines	9,606	120	1,153,673	31.9	63,935	18	39.3
Other Part D Excl Rx Drugs	840	222	186,083	5.1	3,892	48	2.4

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. 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.

SUPPLEMENTAL TABLE 1
 MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES^{a, b}
 COLORADO, 2001

Total Number of Dual Eligible Beneficiaries 51,558
 Total Pharmacy Reimbursement for Dual Eligible Beneficiaries \$116,327,370
 Mean Pharmacy Reimbursement per Dual Eligible Beneficiary \$2,256

Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	Percent of Dual Beneficiaries	Pharmacy Reimbursement	Percent of Total Pharmacy Reimbursement
\$0	9,144	17.7 %	\$0	0.0 %
1-500	9,625	18.7	2,031,337	1.7
501-1,000	5,697	11.0	4,188,263	3.6
1,001-1,500	4,505	8.7	5,598,482	4.8
1,501-2,000	3,761	7.3	6,546,693	5.6
2,001-2,500	3,049	5.9	6,843,408	5.9
2,501-3,000	2,634	5.1	7,228,573	6.2
3,001-3,500	2,132	4.1	6,920,461	5.9
3,501-4,000	1,756	3.4	6,574,662	5.7
4,001-4,500	1,452	2.8	6,149,716	5.3
4,501-5,000	1,212	2.4	5,754,893	4.9
5,001-5,500	991	1.9	5,195,773	4.5
5,501-6,000	808	1.6	4,636,682	4.0
6,001-6,500	645	1.3	4,026,585	3.5
6,501-7,000	550	1.1	3,710,304	3.2
7,001-7,500	464	0.9	3,362,880	2.9
7,501-8,000	428	0.8	3,314,288	2.8
8,001-8,500	321	0.6	2,644,816	2.3
8,501-9,000	275	0.5	2,405,759	2.1
9,001-9,500	268	0.5	2,479,659	2.1
9,501-10,000	225	0.4	2,187,277	1.9
10,001+	1,616	3.1	24,526,859	21.1

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. This table was produced on 09/19/2006.

a. This table is based on prescription drug claims for beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefit coverage during some or all months of Medicaid enrollment in 2001.

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

SUPPLEMENTAL TABLE 1C
 MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 65 TO 74 ^{a, b}
 COLORADO, 2001

Total Number of Dual Eligible Beneficiaries, Age 65-74 11,696
 Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 65-74 \$22,817,060
 Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 65-74 \$1,951

Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	Percent of Dual Beneficiaries, Age 65-74	Pharmacy Reimbursement	Percent of Total Pharmacy Reimbursement
\$0	2,399	20.5 %	0	0.0 %
1-500	2,107	18.0	460,748	2.0
501-1,000	1,238	10.6	916,391	4.0
1,001-1,500	1,073	9.2	1,343,885	5.9
1,501-2,000	931	8.0	1,617,757	7.1
2,001-2,500	671	5.7	1,509,968	6.6
2,501-3,000	586	5.0	1,613,685	7.1
3,001-3,500	469	4.0	1,529,777	6.7
3,501-4,000	395	3.4	1,481,438	6.5
4,001-4,500	317	2.7	1,337,518	5.9
4,501-5,000	268	2.3	1,274,287	5.6
5,001-5,500	218	1.9	1,142,195	5.0
5,501-6,000	187	1.6	1,068,764	4.7
6,001-6,500	136	1.2	848,745	3.7
6,501-7,000	132	1.1	888,764	3.9
7,001-7,500	98	0.8	712,201	3.1
7,501-8,000	87	0.7	674,958	3.0
8,001-8,500	51	0.4	418,964	1.8
8,501-9,000	45	0.4	393,514	1.7
9,001-9,500	51	0.4	472,598	2.1
9,501-10,000	33	0.3	320,906	1.4
10,001+	204	1.7	2,789,997	12.2

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. This table was produced on 09/19/2006.

a. This table is based on prescription drug claims for beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefit coverage during some or all months of Medicaid enrollment in 2001.
 b. Medicaid reimbursement amounts in this table do not reflect federally required rebates from drug manufacturers to states.

SUPPLEMENTAL TABLE 1D
 MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 75 TO 84^{a, b}
 COLORADO, 2001

Total Number of Dual Eligible Beneficiaries, Age 75-84 12,057
 Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 75-84 \$23,903,991
 Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 75-84 \$1,983

Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	Percent of Dual Beneficiaries, Age 75-84	Pharmacy Reimbursement	Percent of Total Pharmacy Reimbursement
\$0	1,912	15.9 %	0	0.0 %
1-500	2,028	16.8	445,978	1.9
501-1,000	1,428	11.8	1,059,929	4.4
1,001-1,500	1,159	9.6	1,445,864	6.0
1,501-2,000	1,055	8.8	1,833,839	7.7
2,001-2,500	813	6.7	1,826,418	7.6
2,501-3,000	711	5.9	1,952,949	8.2
3,001-3,500	582	4.8	1,889,637	7.9
3,501-4,000	481	4.0	1,801,056	7.5
4,001-4,500	393	3.3	1,665,337	7.0
4,501-5,000	338	2.8	1,603,567	6.7
5,001-5,500	228	1.9	1,192,189	5.0
5,501-6,000	205	1.7	1,177,260	4.9
6,001-6,500	131	1.1	817,043	3.4
6,501-7,000	122	1.0	820,872	3.4
7,001-7,500	85	0.7	614,384	2.6
7,501-8,000	84	0.7	650,165	2.7
8,001-8,500	63	0.5	520,482	2.2
8,501-9,000	46	0.4	402,251	1.7
9,001-9,500	54	0.4	499,563	2.1
9,501-10,000	30	0.2	291,089	1.2
10,001+	109	0.9	1,394,119	5.8

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. This table was produced on 09/19/2006.

a. This table is based on prescription drug claims for beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefit coverage during some or all months of Medicaid enrollment in 2001.

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

SUPPLEMENTAL TABLE 1E
 MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 85 AND OLDER^{a, b}
 COLORADO, 2001

Total Number of Dual Eligible Beneficiaries, Age 85+ 10,017
 Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 85+ \$16,800,596
 Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 85+ \$1,677

Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	Percent of Dual Beneficiaries, Age 85+	Pharmacy Reimbursement	Percent of Total Pharmacy Reimbursement
\$0	1,302	13.0 %	0	0.0 %
1-500	2,067	20.6	482,529	2.9
501-1,000	1,447	14.4	1,053,371	6.3
1,001-1,500	1,098	11.0	1,358,404	8.1
1,501-2,000	839	8.4	1,464,370	8.7
2,001-2,500	767	7.7	1,717,022	10.2
2,501-3,000	615	6.1	1,680,780	10.0
3,001-3,500	470	4.7	1,525,147	9.1
3,501-4,000	332	3.3	1,240,034	7.4
4,001-4,500	256	2.6	1,086,961	6.5
4,501-5,000	214	2.1	1,014,883	6.0
5,001-5,500	169	1.7	888,546	5.3
5,501-6,000	108	1.1	621,367	3.7
6,001-6,500	89	0.9	553,395	3.3
6,501-7,000	55	0.5	372,005	2.2
7,001-7,500	46	0.5	333,269	2.0
7,501-8,000	39	0.4	301,117	1.8
8,001-8,500	24	0.2	198,082	1.2
8,501-9,000	17	0.2	148,240	0.9
9,001-9,500	10	0.1	92,421	0.6
9,501-10,000	14	0.1	136,372	0.8
10,001+	39	0.4	532,281	3.2

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. This table was produced on 09/19/2006.

a. This table is based on prescription drug claims for beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefit coverage during some or all months of Medicaid enrollment in 2001.

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

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, COLORADO, 2001

Beneficiary Characteristics	No. of Benes					No. of Bene Mos					
	All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children	Unknown
All	58,742	37,209	21,163	355	6	618,630	382,923	233,055	2,539	56	57
Age											
5 and younger	6	0	6	0	0	67	0	67	0	0	0
6-14	13	0	12	0	1	145	0	133	0	12	0
15-20	99	0	94	1	4	1,075	0	1,031	12	32	0
21-44	9,377	0	9,121	254	1	102,913	0	101,067	1,822	12	12
45-64	11,187	0	11,091	95	0	122,605	0	121,929	675	0	1
65-74	14,044	13,230	805	4	0	150,717	142,221	8,449	27	0	20
75-84	13,284	13,257	25	1	0	137,737	137,444	278	3	0	12
85 and older	10,732	10,722	9	0	0	103,371	103,258	101	0	0	12
Unknown	0	0	0	0	0	0	0	0	0	0	0
Gender											
Female	38,219	27,107	10,883	225	1	404,117	281,887	120,555	1,637	12	26
Male	20,523	10,102	10,280	130	5	214,513	101,036	112,500	902	44	31
Unknown	0	0	0	0	0	0	0	0	0	0	0
Race											
White	37,347	23,837	13,322	177	4	388,079	239,154	147,559	1,291	32	43
African American	2,372	1,432	906	33	1	25,559	15,297	9,968	282	12	0
Other/unknown	19,023	11,940	6,935	145	1	204,992	128,472	75,528	966	12	14
Use of Nursing Facilities^c											
Entire year	8,896	8,130	766	0	0	89,065	80,459	8,606	0	0	0
Part year	5,197	4,589	606	1	0	48,845	42,523	6,307	12	0	3
None	44,649	24,490	19,791	354	6	480,720	259,941	218,142	2,527	56	54
Maintenance Assistance Status											
Cash	39,352	23,795	15,272	285	0	427,799	257,053	168,635	2,111	0	0
Medically needy	0	0	0	0	0	0	0	0	0	0	0
Poverty related	528	216	255	56	1	5,300	2,394	2,576	324	6	0
Other/unknown	18,862	13,198	5,636	14	5	185,531	123,476	61,844	104	50	57
Dual Status^d											
Full dual, all year	57,392	36,443	20,584	350	6	604,171	374,611	226,964	2,483	56	57
Full dual, part year	1,350	766	579	5	0	14,459	8,312	6,091	56	0	0
Managed Care Status											
FFS all year	47,727	31,266	16,235	213	4	495,851	317,091	177,423	1,242	38	57
FFS part year, with Rx claims	1,559	705	791	62	1	17,181	7,845	8,771	553	12	0
FFS part year, no Rx claims	2,272	1,171	1,066	35	0	25,393	13,094	11,967	332	0	0
MC all year, with Rx claims	17	11	6	0	0	170	102	68	0	0	0
MC all year, no Rx claims	7,167	4,056	3,065	45	1	80,035	44,791	34,826	412	6	0

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. 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(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, COLORADO, 2001

Beneficiary Characteristics	Bene(s) in Cell F of Table 1		Included in Cell G of Table 1		Excluded from Cell G of Table 1	
	No. of Bene(s)	No. of Bene Mos	No. of Bene(s)	No. of Bene Mos	No. of Bene(s)	No. of Bene Mos
All	58,742	618,630	51,558	512,268	0	106,362
FFS all year	47,727	495,851	47,727	495,851	0	0
FFS part year, with Rx claims	1,559	17,181	1,559	8,690	0	8,491
FFS part year, with no Rx claims	2,272	25,393	2,272	7,727	0	17,666
MC all year, with Rx claims	17	170	0	0	0	170
MC all year, with no Rx claims	7,167	80,035	0	0	0	80,035

Source: Data for this table are from the MAX 2001 file for Colorado, released by CMS in 03/2005. 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.