

STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 1999 WYOMING

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TABLE 11

CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a,b}
 DUAL ELIGIBLE BENEFICIARIES, WYOMING, 1999

Beneficiary Characteristics	No. of Benefes							No. of Bene Mos										
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
All	6,068	3,566	2,465	37	0	0	62,653	35,563	26,812	278	0	62,653	35,563	26,812	278	0	0	0
Age																		
5 and younger	0	0	0	0	0	0		0	0	0	0		0	0	0	0	0	0
6-14	1	0	1	0	0	7		0	7	0	0		0	7	0	0	0	0
15-20	18	0	17	1	0	0	197	0	193	4	0		0	193	4	0	0	0
21-44	1,286	0	1,259	27	0	0	13,820	0	13,618	202	0		0	13,618	202	0	0	0
45-64	1,178	0	1,170	8	0	0	12,916	0	12,856	60	0		0	12,856	60	0	0	0
65-74	1,076	1,060	16	0	0	0	11,373	11,249	124	0	0		11,249	124	0	0	0	0
75-84	1,197	1,194	2	1	0	0	11,983	11,957	14	12	0		11,957	14	12	0	0	0
85 and older	1,311	1,311	0	0	0	0	12,345	12,345	0	0	0		12,345	0	0	0	0	0
Unknown	1	1	0	0	0	0	12	12	0	0	0		12	0	0	0	0	0
Gender																		
Female	3,921	2,605	1,301	15	0	0	40,394	26,071	14,225	98	0		26,071	14,225	98	0	0	0
Male	2,147	961	1,164	22	0	0	22,259	9,492	12,587	180	0		9,492	12,587	180	0	0	0
Unknown	0	0	0	0	0	0		0	0	0	0		0	0	0	0	0	0
Race																		
White	5,254	3,091	2,131	32	0	0	53,924	30,506	23,190	228	0		30,506	23,190	228	0	0	0
African American	82	33	47	2	0	0	822	332	473	17	0		332	473	17	0	0	0
Other/unknown	732	442	287	3	0	0	7,907	4,725	3,149	33	0		4,725	3,149	33	0	0	0
Use of Nursing Facilities																		
All year	1,668	1,566	102	0	0	0	16,559	15,459	1,100	0	0		15,459	1,100	0	0	0	0
Part year	634	576	58	0	0	0	5,632	5,050	582	0	0		5,050	582	0	0	0	0
None	3,766	1,424	2,305	37	0	0	40,462	15,054	25,130	278	0		15,054	25,130	278	0	0	0
Maintenance Assistance Status																		
Cash	2,366	937	1,398	31	0	0	25,844	10,522	15,068	254	0		10,522	15,068	254	0	0	0
Medically needy	0	0	0	0	0	0		0	0	0	0		0	0	0	0	0	0
Poverty-related	51	15	32	4	0	0	458	142	299	17	0		142	299	17	0	0	0
Other/unknown	3,651	2,614	1,035	2	0	0	36,351	24,899	11,445	7	0		24,899	11,445	7	0	0	0
Dual Medicare Status^c																		
Full dual, all year	5,877	3,446	2,396	35	0	0	60,767	34,388	26,116	263	0		34,388	26,116	263	0	0	0
Full dual, part year	191	120	69	2	0	0	1,886	1,175	696	15	0		1,175	696	15	0	0	0
Managed Care Status																		
FFS all year	6,068	3,566	2,465	37	0	0	62,653	35,563	26,812	278	0		35,563	26,812	278	0	0	0
FFS part year, with Rx claims	0	0	0	0	0	0		0	0	0	0		0	0	0	0	0	0
FFS part year, no Rx claims	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 1999 file for Wyoming, released by CMS in 12/2003. This table was produced on 06/25/2004.

a. Table 11 includes the beneficiaries represented by Cells G of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

Table 11

Dual Eligible Beneficiaries

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. 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 1999. 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 12
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BENEFICIARY CHARACTERISTIC^{a,b}
 DUAL ELIGIBLE BENEFICIARIES, WYOMING, 1999

Beneficiary Characteristics	% with at Least One Rx	Mean No. of Rx	Mean Rx \$	\$ per Rx	Mean \$, All Services	Rx \$ as % of All Services	Mean OTC Drug \$ ^c	No. of Benef
All	86.0 %	39.9	\$1,820	\$46	\$16,011	11.4 %	\$55	6,068
Age								
5 and younger	0.0	0.0	0	0	0	0.0	0	0
6-14	100.0	22.0	940	43	4,892	19.2	46	1
15-20	83.3	25.2	1,847	73	10,477	17.6	93	18
21-44	76.4	24.6	1,646	67	14,918	11.0	87	1,286
45-64	84.6	41.3	2,301	56	17,480	13.2	157	1,178
65-74	83.7	41.7	1,819	44	12,545	14.5	108	1,076
75-84	89.8	47.6	1,852	39	15,822	11.7	59	1,197
85 and older	94.9	45.1	1,530	34	18,852	8.1	23	1,311
Unknown	100.0	109.0	2,966	27	33,401	8.9	0	1
Basis of Eligibility								
Aged	89.9	45.0	1,729	38	16,000	10.8	61	3,566
Disabled	80.4	32.7	1,969	60	16,199	12.2	121	2,465
Adults	78.4	14.9	662	45	4,506	14.7	44	37
Children	0.0	0.0	0	0	0	0.0	0	0
Unknown	0.0	0.0	0	0	0	0.0	0	0
Gender								
Female	89.7	44.0	1,910	43	15,541	12.3	84	3,921
Male	79.1	32.2	1,655	51	16,870	9.8	87	2,147
Unknown	0.0	0.0	0	0	0	0.0	0	0
Race								
White	87.9	42.1	1,924	46	17,065	11.3	84	5,254
African American	80.5	37.3	1,577	42	8,768	18.0	155	82
Other/unknown	72.8	24.1	1,104	46	9,258	11.9	83	732
Use of Nursing Facilities								
Entire year	97.1	57.5	2,121	37	24,890	8.5	2	1,668
Part year	95.0	45.5	1,789	39	16,158	11.1	55	634
None	79.5	31.1	1,692	54	12,054	14.0	127	3,766
Maintenance Assistance Status								
Cash	78.9	25.5	1,362	53	4,169	32.7	62	2,366
Medically needy	0.0	0.0	0	0	0	0.0	0	0
Poverty related	78.4	16.9	744	44	4,813	15.5	21	51
Other/unknown	90.7	49.5	2,132	43	23,841	8.9	101	3,651

Source: Data for this table are from the MAX 1999 file for Wyoming, released by CMS in 12/2003. This table was produced on 06/25/2004.

Table 12

Dual Eligible Beneficiaries

a. Table 12 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. Information about OTC drugs appears in this column only. OTC drugs are not part of the reimbursement amount for prescription drugs.

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 13
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 DUAL ELIGIBLE BENEFICIARIES, WYOMING, 1999

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	\$176	11.4 %	14.0 %	18.6 %	11.1 %	29.3 %	21.7 %	5.2 %	\$1,551	6,068	62,653
Age												
5 and younger	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
6-14	3.1	134	19.2	0.0	0.0	0.0	100.0	0.0	0.0	699	1	7
15-20	2.3	169	17.6	16.7	55.6	0.0	11.1	16.7	0.0	957	18	197
21-44	2.3	153	11.0	23.6	30.2	11.9	23.6	9.3	1.5	1,388	1,286	13,820
45-64	3.8	210	13.2	15.4	17.7	11.3	31.1	19.2	5.3	1,594	1,178	12,916
65-74	3.9	172	14.5	16.3	19.4	10.1	26.7	20.4	7.2	1,187	1,076	11,373
75-84	4.8	185	11.7	10.2	12.6	10.6	30.4	28.4	7.8	1,581	1,197	11,983
85 and older	4.8	162	8.1	5.1	12.4	11.7	34.7	31.0	5.0	2,002	1,311	12,345
Unknown	9.1	247	8.9	0.0	0.0	0.0	0.0	100.0	0.0	2,783	1	12
Basis of Eligibility												
Aged	4.5	173	10.8	10.1	14.5	10.9	30.9	27.0	6.6	1,604	3,566	35,563
Disabled	3.0	181	12.2	19.6	24.1	11.7	27.1	14.2	3.3	1,489	2,465	26,812
Adults	2.0	88	14.7	21.6	45.9	2.7	21.6	8.1	0.0	600	37	278
Children	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Gender												
Female	4.3	185	12.3	10.3	16.1	11.7	31.5	24.4	6.0	1,509	3,921	40,394
Male	3.1	160	9.8	20.9	23.2	10.2	25.2	16.7	3.8	1,627	2,147	22,259
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Race												
White	4.1	187	11.3	12.1	17.6	10.9	30.4	23.2	5.7	1,663	5,254	53,924
African American	3.7	157	18.0	19.5	22.0	8.5	24.4	19.5	6.1	875	82	822
Other/unknown	2.2	102	11.9	27.2	25.4	13.0	22.1	10.8	1.5	857	732	7,907
Use of Nursing Facilities												
Entire year	5.8	214	8.5	2.9	8.3	8.9	33.6	36.3	10.0	2,507	1,668	16,559
Part year	5.1	201	11.1	5.0	9.6	11.7	34.9	32.2	6.6	1,819	634	5,632
None	2.9	158	14.0	20.5	24.7	12.0	26.5	13.4	2.9	1,122	3,766	40,462
Maintenance Assistance Status												
Cash	2.3	125	32.7	21.1	29.2	12.7	26.1	9.5	1.4	382	2,366	25,844
Medically needy	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Poverty related	1.9	83	15.5	21.6	41.2	11.8	17.6	7.8	0.0	536	51	458
Other/unknown	5.0	214	8.9	9.3	11.4	10.1	31.6	29.8	7.8	2,395	3,651	36,351

Source: Data for this table are from the MAX 1999 file for Wyoming, released by CMS in 12/2003. This table was produced on 06/25/2004.

Table 13

Dual Eligible Beneficiaries

- a. Table 13 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.
- 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 14
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC^{a, b, c}
 DUAL ELIGIBLE BENEFICIARIES, WYOMING, 1999

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	\$176	\$46	1.3	\$106	\$82	0.7	\$34	\$48	1.6	\$27	\$16
Age												
5 and younger	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
6-14	3.1	134	43	2.6	112	44	0.6	22	39	0.0	0	0
15-20	2.3	169	73	1.0	133	130	0.2	7	36	1.0	27	27
21-44	2.3	153	67	0.9	107	114	0.4	26	71	0.9	14	17
45-64	3.8	210	56	1.5	136	93	0.6	38	66	1.5	26	17
65-74	3.9	172	44	1.4	100	74	0.7	34	50	1.7	29	17
75-84	4.8	185	39	1.5	101	69	1.0	40	42	2.1	33	16
85 and older	4.8	162	34	1.3	85	64	1.0	36	35	2.1	32	15
Unknown	9.1	247	27	4.5	199	44	0.8	8	9	2.9	37	13
Basis of Eligibility												
Aged	4.5	173	38	1.4	96	69	0.9	37	41	2.0	31	16
Disabled	3.0	181	60	1.2	122	102	0.5	32	68	1.2	20	17
Adults	2.0	88	45	0.7	60	82	0.2	12	64	1.0	15	15
Children	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Gender												
Female	4.3	185	43	1.4	112	78	0.8	35	45	1.8	29	16
Male	3.1	160	51	1.1	97	92	0.6	33	56	1.3	22	17
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Race												
White	4.1	187	46	1.4	113	82	0.8	37	48	1.7	28	16
African American	3.7	157	42	1.2	88	73	0.7	39	53	1.6	25	15
Other/unknown	2.2	102	46	0.8	64	81	0.4	20	53	0.9	14	15
Use of Nursing Facilities												
Entire year	5.8	214	37	1.7	117	69	1.2	45	38	2.6	41	16
Part year	5.1	201	39	1.6	112	71	1.0	41	42	2.3	37	16
None	2.9	158	54	1.1	102	92	0.5	29	61	1.2	19	17
Maintenance Assistance Status												
Cash	2.3	125	53	0.9	79	90	0.4	24	62	1.0	16	16
Medically needy	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
Poverty related	1.9	83	44	0.7	51	73	0.3	17	51	0.8	11	14
Other/unknown	5.0	214	43	1.6	127	78	0.9	42	45	2.1	35	16

Source: Data for this table are from the MAX 1999 file for Wyoming, released by CMS in 12/2003. This table was produced on 06/25/2004.

a. Table 14 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.

Table 14

Dual Eligible Beneficiaries

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 Wyoming, 6.0 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).

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

TABLE 15

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d}
DUAL ELIGIBLE BENEFICIARIES, WYOMING, 1999

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			Total No. of Rx			Total Rx \$	Users						
	Patented			Off-Patent			Generic				No. Dual Benes	As % of Benes					
	Total	Brand-Name	Off-Patent	Brand-Name	Off-Patent	Generic	Total	Brand-Name	Off-Patent				Generic				
Anti-infective Agents	0.3	0.2	0.0	0.2	\$17	\$15	\$0	\$2	\$51	\$87	\$40	\$12	12,496	3,383	55.8 %	36,793	
Biologics	0.1	0.1	0.0	0.1	3	2	0	1	23	27	0	20	163	121	2.0	1,327	
Antineoplastic Agents	0.6	0.4	0.1	0.1	146	130	10	6	245	360	102	42	924	153	2.5	1,553	
Endocrine/Metabolic Drugs	0.9	0.4	0.2	0.3	25	18	3	4	28	44	20	12	22,753	2,418	39.8	25,710	
Cardiovascular Agents	1.5	0.4	0.4	0.7	42	20	15	8	28	51	34	12	49,447	3,167	52.2	33,112	
Respiratory Agents	0.7	0.4	0.0	0.3	29	20	1	8	40	56	30	24	16,897	2,179	35.9	23,631	
Gastrointestinal Agents	0.7	0.3	0.2	0.3	51	32	12	7	71	113	81	23	16,265	2,122	35.0	22,776	
Genitourinary Agents	0.5	0.3	0.0	0.2	22	16	0	5	40	58	45	19	5,267	898	14.8	9,773	
CNS Drugs	1.1	0.5	0.2	0.5	80	55	17	8	71	109	105	17	36,599	3,036	50.0	32,396	
Stimulants/Anti-obesity/Anorexia	0.5	0.0	0.2	0.3	20	3	9	9	38	64	45	30	329	57	0.9	625	
Miscellaneous Psychological/Neurological Agents	0.6	0.5	0.0	0.1	92	90	0	2	158	179	30	26	736	123	2.0	1,268	
Analgesics and Anesthetics	0.8	0.2	0.1	0.5	33	19	7	7	41	88	64	14	24,463	2,850	47.0	30,416	
Neuromuscular Agents	0.9	0.3	0.2	0.4	57	37	12	9	63	113	54	24	15,576	1,556	25.6	17,004	
Nutritional Products	0.7	0.0	0.2	0.4	13	0	5	7	19	15	27	16	9,190	1,348	22.2	13,873	
Hematological Agents	0.8	0.1	0.5	0.2	26	10	11	5	34	157	23	21	7,237	882	14.5	9,267	
Topical Products	0.4	0.1	0.1	0.2	12	7	3	3	31	47	37	14	9,076	2,034	33.5	22,406	
Miscellaneous Products	0.4	0.1	0.1	0.2	46	19	21	6	129	199	310	31	973	255	4.2	2,735	
Unknown Therapeutic Category	0.5	0.0	0.0	0.0	22	0	0	0	41	0	0	0	13,502	2,318	38.2	25,067	
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.	241,893	n.a.	n.a.	n.a.	11,043,610

Source: Data for this table are from the MAX 1999 file for Wyoming, released by CMS in 12/2003. This table was produced on 06/25/2004.

- a. Table 15 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 1999. 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 Wyoming, 6.0 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 16

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP^{a, b, c}
DUAL ELIGIBLE BENEFICIARIES, WYOMING, 1999

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	\$1,254,610	1,391	22.9 %	15,024	0.6	\$130	\$84
ANTIDEPRESSANTS	1,075,432	2,769	45.6	29,947	0.6	59	36
ULCER DRUGS	996,170	2,011	33.1	21,836	0.5	86	46
ANTICONVULSANT	730,032	1,190	19.6	13,090	0.8	71	56
ANTIHYPERTENSIVE	517,517	1,814	29.9	19,108	0.7	39	27
ANALGESICS - Narcotic	514,048	3,244	53.5	34,728	0.4	34	15
ANTIASTHMATIC	427,844	1,837	30.3	19,622	0.5	43	22
ANALGESICS - ANTI-INFLAMMATORY	420,861	1,750	28.8	19,462	0.4	58	22
ANTIDIABETIC	370,211	1,032	17.0	11,149	0.7	47	33
CALCIUM BLOCKERS	233,606	679	11.2	7,337	0.7	49	32

Source: Data for this table are from the MAX 1999 file for Wyoming, released by CMS in 12/2003. This table was produced on 06/25/2004.

a. Table 16 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 1999. 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 1999. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE 16A
 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, WYOMING, 1999

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIPSYCHOTICS				ANTIDEPRESSANTS			
	No. of Rx	Rx \$	No. of Users	Mean No. of Rx	Users as % of Dual Benes	No. of Bene Mos among Users	Mean Rx \$	Mean No. of Rx	Users as % of Dual Benes	No. of Bene Mos among Users	Mean Rx \$	Mean No. of Rx
All	108,122	\$6,540,331	1,391	0.6	22.9 %	15,024	\$84	0.6	45.6 %	2,769	\$36	0.6
Female	74,939	4,302,547	823	0.6	21.0	8,769	72	0.6	51.6	2,021	36	0.6
Disabled	25,496	1,767,906	318	0.7	24.4	3,598	111	0.7	68.2	887	38	0.6
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	0.0	0	0	0.0	0.0	0	0	0.0
15-20	66	3,916	0	0.0	0.0	0	0	0.0	0.0	1	3	0.4
21-44	9,022	711,098	174	0.6	31.5	1,949	112	0.6	66.2	366	38	0.5
45-64	16,299	1,049,026	144	0.7	19.7	1,649	110	0.7	70.9	518	38	0.6
65-74	107	3,836	0	0.0	0.0	0	0	0.0	18.2	2	8	0.7
75-84	2	30	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	49,401	2,532,372	505	0.6	19.3	5,171	46	0.6	43.3	1,134	34	0.6
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	0.0	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
21-44	69	4,540	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0
45-64	0	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0
65-74	13,548	739,584	125	0.6	18.2	1,322	58	0.6	45.2	310	32	0.6
75-84	18,161	946,105	194	0.6	22.0	1,988	48	0.6	46.9	414	34	0.7
85 and older	17,623	842,143	186	0.5	17.9	1,861	35	0.5	39.1	405	34	0.7
Male	33,183	2,237,784	568	0.7	26.5	6,255	99	0.7	34.8	748	37	0.6
Disabled	16,439	1,367,177	343	0.7	29.5	3,938	125	0.7	36.4	424	39	0.6
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	0.0	0	0	0.0	0.0	0	0	0.0
15-20	117	10,110	4	0.6	33.3	39	92	0.6	50.0	6	31	0.5
21-44	8,105	743,592	207	0.7	29.3	2,372	137	0.7	33.0	233	38	0.6
45-64	8,162	610,300	131	0.7	29.8	1,515	109	0.7	41.5	182	41	0.6
65-74	50	2,810	1	0.3	20.0	12	10	0.3	60.0	3	15	0.7
75-84	5	365	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	16,744	870,607	225	0.7	22.9	2,317	55	0.7	33.0	324	34	0.7
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	0.0	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
21-44	166	6,907	3	0.8	21.4	29	21	0.8	50.0	7	25	0.4
45-64	58	3,539	0	0.0	0.0	0	0	0.0	25.0	2	20	0.1
65-74	7,006	393,254	80	0.7	21.4	846	81	0.7	30.7	115	37	0.7
75-84	5,121	261,628	88	0.7	28.1	910	46	0.7	32.6	102	34	0.7
85 and older	4,393	205,279	54	0.5	19.7	532	30	0.5	35.8	98	31	0.7
Unknown	42	2,269	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0

Source: Data for this table are from the MAX 1999 file for Wyoming, released by CMS in 12/2003. This table was produced on 06/25/2004.

a. Table 16A 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 1999. 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 1999. 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 16B
 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, WYOMING, 1999

Beneficiary Characteristics	ULCER DRUGS					ANTICONVULSANT					ANTIHYPERTENSIVE				
	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	2,011	33.1 %	21,836	0.5	\$46	1,190	19.6 %	13,090	0.8	\$56	1,814	29.9 %	19,108	0.7	\$27
Female	1,441	36.8	15,614	0.5	44	700	17.9	7,688	0.7	48	1,243	31.7	13,007	0.7	27
Disabled	418	32.1	4,789	0.4	43	418	32.1	4,832	0.7	58	247	19.0	2,697	0.6	26
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	40.0	24	0.3	30	1	20.0	12	1.0	58	0	0.0	0	0.0	0
21-44	142	25.7	1,604	0.4	39	214	38.7	2,477	0.8	61	40	7.2	425	0.5	23
45-64	272	37.2	3,137	0.5	46	202	27.6	2,331	0.7	55	200	27.4	2,213	0.6	26
65-74	1	9.1	12	0.4	12	1	9.1	12	0.5	9	7	63.6	59	0.4	19
75-84	1	100.0	12	0.2	3	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Other Eligibles	1,022	39.0	10,813	0.6	45	282	10.8	2,856	0.7	31	996	38.0	10,310	0.7	28
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	1	7.7	10	0.1	10	2	15.4	8	0.5	33	1	7.7	10	0.4	33
45-64	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	272	39.7	3,012	0.5	40	98	14.3	1,081	0.7	36	260	37.9	2,802	0.6	25
75-84	352	39.9	3,796	0.6	46	103	11.7	1,048	0.7	32	372	42.2	3,878	0.7	30
85 and older	397	38.3	3,995	0.6	48	79	7.6	719	0.7	24	363	35.0	3,620	0.8	28
Male	570	26.5	6,222	0.6	49	490	22.8	5,402	0.8	67	571	26.6	6,101	0.7	27
Disabled	229	19.7	2,606	0.5	47	333	28.6	3,813	0.9	78	167	14.3	1,890	0.6	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	1	8.3	12	0.8	65	2	16.7	24	1.4	86	1	8.3	12	0.5	11
21-44	98	13.9	1,093	0.5	45	203	28.8	2,317	0.9	84	48	6.8	546	0.7	26
45-64	127	28.9	1,475	0.5	48	128	29.2	1,472	0.9	68	117	26.7	1,320	0.6	24
65-74	2	40.0	24	0.5	80	0	0.0	0	0.0	0	1	20.0	12	0.4	14
75-84	1	100.0	2	1.0	109	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Other Eligibles	341	34.7	3,616	0.6	50	157	16.0	1,589	0.8	41	404	41.1	4,211	0.7	28
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	5	35.7	51	0.2	17	5	35.7	43	0.5	38	2	14.3	24	0.1	9
45-64	3	37.5	24	0.6	55	3	37.5	21	0.2	5	1	12.5	7	0.3	23
65-74	127	34.0	1,400	0.7	52	69	18.4	715	0.8	51	158	42.2	1,721	0.7	29
75-84	98	31.3	1,044	0.6	50	48	15.3	480	0.8	35	129	41.2	1,333	0.7	26
85 and older	108	39.4	1,097	0.6	48	32	11.7	330	0.8	29	114	41.6	1,126	0.7	28
Unknown	1	100.0	12	1.0	114	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table 16B

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 1999 file for Wyoming, released by CMS in 12/2003. This table was produced on 06/25/2004.

a. Table 16B 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 1999. 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 1999. 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 16C
 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, WYOMING, 1999

Beneficiary Characteristics	ANALGESICS - Narcotic				ANTI-ASTHMATIC				ANALGESICS - ANTI-INFLAMMATORY						
	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	3,244	53.5 %	34,728	0.4	\$15	1,837	30.3 %	19,622	0.5	\$22	1,750	28.8 %	19,462	0.4	\$22
Female	2,417	61.7	25,876	0.5	16	1,279	32.6	13,857	0.5	22	1,321	33.7	14,758	0.4	22
Disabled	867	66.6	9,883	0.4	10	436	33.5	4,977	0.4	19	468	36.0	5,424	0.3	19
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	40.0	24	0.1	2	4	80.0	48	0.8	45	1	20.0	12	0.3	22
21-44	351	63.5	4,000	0.3	12	128	23.1	1,484	0.4	18	171	30.9	1,998	0.3	9
45-64	511	69.9	5,823	0.4	10	297	40.6	3,377	0.4	19	294	40.2	3,390	0.3	25
65-74	3	27.3	36	0.4	9	7	63.6	68	0.3	14	2	18.2	24	0.1	4
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Other Eligibles	1,549	59.1	15,981	0.5	19	843	32.2	8,880	0.5	24	853	32.6	9,334	0.4	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	6	46.2	61	0.2	2	3	23.1	36	0.2	9	5	38.5	45	0.2	3
45-64	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	427	62.2	4,704	0.5	18	290	42.3	3,260	0.6	27	249	36.3	2,866	0.4	22
75-84	525	59.5	5,383	0.5	20	310	35.1	3,105	0.6	24	284	32.2	3,095	0.4	25
85 and older	591	57.0	5,833	0.5	19	240	23.1	2,479	0.5	20	315	30.4	3,328	0.5	26
Male	827	38.5	8,852	0.4	12	558	26.0	5,765	0.5	21	429	20.0	4,704	0.4	19
Disabled	413	35.5	4,666	0.4	12	187	16.1	2,059	0.5	22	206	17.7	2,356	0.3	17
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	1	8.3	12	0.1	1	2	16.7	24	0.1	3	0	0.0	0	0.0	0
21-44	215	30.5	2,445	0.3	8	75	10.6	834	0.4	15	93	13.2	1,069	0.2	8
45-64	194	44.2	2,193	0.4	16	110	25.1	1,201	0.6	28	112	25.5	1,275	0.4	25
65-74	1	20.0	12	0.3	6	0	0.0	0	0.0	0	1	20.0	12	0.2	1
75-84	2	200.0	4	0.8	37	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Other Eligibles	414	42.1	4,186	0.4	13	371	37.7	3,706	0.5	21	223	22.7	2,348	0.4	22
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	17	121.4	158	0.4	9	2	14.3	24	0.2	5	6	42.9	47	0.1	4
45-64	6	75.0	50	0.3	17	0	0.0	0	0.0	0	1	12.5	12	0.1	1
65-74	169	45.2	1,823	0.5	16	153	40.9	1,586	0.5	19	64	17.1	709	0.4	18
75-84	104	33.2	1,023	0.4	13	113	36.1	1,153	0.5	19	76	24.3	768	0.4	25
85 and older	118	43.1	1,132	0.4	8	103	37.6	943	0.6	27	76	27.7	812	0.4	22
Unknown	1	100.0	12	1.4	22	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 1999 file for Wyoming, released by CMS in 12/2003. This table was produced on 06/25/2004.

a. Table 16C 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 1999. 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 1999. 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 16D
 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, WYOMING, 1999

Beneficiary Characteristics	ANTI-DIABETIC				CALCIUM BLOCKERS				Mean Rx \$	Mean No. of Rx	Users as % of Dual Benes	No. of Users	No. of Bene Mos among Users	Mean Rx \$	Mean No. of Rx	Users as % of Dual Benes	No. of Bene Mos among Users	No. of Bene Mos
	No. of Users	17.0 %	11,149	0.7	Mean Rx \$	0.7	679	11.2 %										
All	1,032	17.0 %	11,149	0.7	\$33	0.7	679	11.2 %	7,337	0.7	\$32	6,068	62,653					
Female	720	18.4	7,867	0.7	33	0.7	516	13.2	5,605	0.7	31	3,920	40,382					
Disabled	241	18.5	2,724	0.7	36	0.7	114	8.8	1,305	0.5	27	1,301	14,225					
5 and younger	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					
15-20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	5	60					
21-44	30	5.4	349	0.7	37	0.7	31	5.6	361	0.4	23	553	6,006					
45-64	209	28.6	2,364	0.7	36	0.7	80	10.9	912	0.6	29	731	8,053					
65-74	2	18.2	11	1.0	34	1.0	3	27.3	32	0.3	18	11	94					
75-84	0	0.0	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	0	0					
Other Eligibles	477	18.2	5,119	0.7	32	0.7	402	15.3	4,300	0.7	33	2,619	26,157					
5 and younger	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					
15-20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	1	4					
21-44	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	13	82					
45-64	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0					
65-74	149	21.7	1,652	0.7	36	0.7	105	15.3	1,145	0.6	31	686	7,280					
75-84	198	22.4	2,130	0.7	31	0.7	159	18.0	1,708	0.7	33	882	8,929					
85 and older	130	12.5	1,337	0.7	28	0.7	138	13.3	1,447	0.8	34	1,037	9,862					
Male	312	14.5	3,282	0.7	33	0.7	163	7.6	1,732	0.6	34	2,147	22,259					
Disabled	126	10.8	1,366	0.8	39	0.8	61	5.2	679	0.6	38	1,164	12,587					
5 and younger	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	1	7					
15-20	0	0.0	0	0.0	0	0.0	1	8.3	12	0.8	106	12	133					
21-44	48	6.8	517	0.7	28	0.7	22	3.1	231	0.6	33	706	7,612					
45-64	78	17.8	849	0.8	47	0.8	38	8.7	436	0.6	38	439	4,803					
65-74	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	5	30					
75-84	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	1	2					
85 and older	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0					
Other Eligibles	186	18.9	1,916	0.7	29	0.7	102	10.4	1,053	0.6	31	983	9,672					
5 and younger	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					
15-20	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0					
21-44	1	7.1	12	0.3	10	0.3	0	0.0	0	0.0	0	14	120					
45-64	4	50.0	18	0.6	26	0.6	1	12.5	5	1.0	70	8	60					
65-74	97	25.9	1,045	0.6	27	0.6	48	12.8	543	0.6	36	374	3,969					
75-84	52	16.6	532	0.8	35	0.8	27	8.6	265	0.6	27	313	3,040					
85 and older	32	11.7	309	0.7	28	0.7	26	9.5	240	0.7	23	274	2,483					
Unknown	2	200.0	24	0.5	27	0.5	0	0.0	0	0.0	0	1	12					

Source: Data for this table are from the MAX 1999 file for Wyoming, released by CMS in 12/2003. This table was produced on 06/25/2004.

- a. Table 16D 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 1999. 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 1999. 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 17
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BENEFICIARY CHARACTERISTIC^{a, b}
 DUAL ELIGIBLE BENEFICIARIES, WYOMING, 1999

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	\$214	5.8	1,668	16,559
Age				
0-64	302	6.4	102	1,100
65-74	271	6.4	226	2,342
75-84	228	6.2	502	5,052
85 and older	176	5.3	837	8,053
Unknown	247	9.1	1	12
Gender				
Female	209	5.8	1,210	11,879
Male	227	5.8	458	4,680
Unknown	0	0.0	0	0
Race				
White	216	5.9	1,577	15,574
African American	215	6.9	8	92
Other/unknown	170	4.7	83	893
Basis of Eligibility				
Aged	207	5.8	1,566	15,459
Disabled	302	6.4	102	1,100
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 1999 file for Wyoming, released by CMS in 12/2003. This table was produced on 06/25/2004.

a. Table 17 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their 1999 Medicaid enrollment. A total of 634 beneficiaries who were in nursing facilities for part of their enrollment and their 5,632 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.

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 18

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, WYOMING, 1999

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			\$ per Rx			Users					
	Total	Patented	Off-Patent	Brand-Name	Generic	Total	Patented	Off-Patent	Brand-Name	Generic	Total # of Rx	Total Rx \$	No. Residents	As % of Dual All-Year NF Residents	No. of Bene Mos
Anti-infective Agents	0.4	0.2	0.0	0.2	\$0	\$2	\$41	\$68	\$26	\$10	4,246	\$173,696	1,107	66.4 %	11,614
Biologicals	0.1	0.1	0.0	0.1	0	1	14	9	0	19	98	1,415	74	4.4	842
Antineoplastic Agents	0.6	0.4	0.1	0.2	103	11	189	295	93	42	406	76,793	65	3.9	631
Endocrine/Metabolic Drugs	1.2	0.5	0.2	0.5	28	2	24	41	14	11	8,567	209,502	742	44.5	7,435
Cardiovascular Agents	1.8	0.4	0.6	0.9	42	15	23	43	28	12	21,771	500,539	1,168	70.0	11,885
Respiratory Agents	0.8	0.3	0.0	0.4	31	17	39	50	22	32	4,866	190,038	600	36.0	6,185
Gastrointestinal Agents	0.9	0.3	0.2	0.4	53	29	59	104	76	22	7,178	425,338	766	45.9	7,965
Genitourinary Agents	0.7	0.3	0.0	0.4	26	18	37	59	34	19	2,575	96,400	359	21.5	3,778
CNS Drugs	1.2	0.6	0.2	0.5	69	49	55	85	84	14	13,042	719,072	1,013	60.7	10,445
Stimulants/Anti-obesity/Anorexia	0.6	0.0	0.2	0.4	11	0	18	0	12	20	75	1,313	13	0.8	125
Miscellaneous Psychological/Neurological Agents	0.7	0.6	0.0	0.0	85	84	125	131	0	18	399	50,028	60	3.6	588
Analgesics and Anesthetics	0.9	0.3	0.1	0.5	37	23	39	82	57	13	8,560	337,279	883	52.9	9,020
Neuromuscular Agents	1.1	0.3	0.3	0.5	52	23	48	80	54	24	4,980	239,199	437	26.2	4,626
Nutritional Products	0.8	0.0	0.2	0.5	15	0	18	14	25	16	5,130	94,073	629	37.7	6,394
Hematological Agents	1.0	0.1	0.6	0.3	28	10	28	136	20	19	3,777	106,588	372	22.3	3,867
Topical Products	0.5	0.2	0.1	0.2	14	7	28	42	39	15	4,322	122,593	808	48.4	8,751
Miscellaneous Products	0.3	0.0	0.0	0.3	7	1	23	33	155	21	346	7,996	110	6.6	1,195
Unknown Therapeutic Category	0.6	0.0	0.0	0.0	21	0	33	0	0	0	5,618	185,731	822	49.3	8,690
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.	95,956	3,537,593	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 1999 file for Wyoming, released by CMS in 12/2003. This table was produced on 06/25/2004.

a. Table 18 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 1999. A total of 634 beneficiaries who were in nursing facilities for part of their enrollment and their 5,632 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 1999. 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 Wyoming, 6.0 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.

Table 18

Dual Eligible 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; NF = nursing facility; 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, WYOMING, 1999

Beneficiary Characteristics	No. of Benes					No. of Bene Mos					
	All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children	Unknown
All	6,068	3,566	2,465	37	0	62,653	35,563	26,812	278	0	0
Age											
5 and younger	0	0	0	0	0	0	0	0	0	0	0
6-14	1	0	1	0	0	0	0	7	0	0	0
15-20	18	0	17	1	0	197	0	193	4	0	0
21-44	1,286	0	1,259	27	0	13,820	0	13,618	202	0	0
45-64	1,178	0	1,170	8	0	12,916	0	12,856	60	0	0
65-74	1,076	1,060	16	0	0	11,373	11,249	124	0	0	0
75-84	1,197	1,194	2	1	0	11,983	11,957	14	12	0	0
85 and older	1,311	1,311	0	0	0	12,345	12,345	0	0	0	0
Unknown	1	1	0	0	0	12	12	0	0	0	0
Gender											
Female	3,921	2,605	1,301	15	0	40,394	26,071	14,225	98	0	0
Male	2,147	961	1,164	22	0	22,259	9,492	12,587	180	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0
Race											
White	5,254	3,091	2,131	32	0	53,924	30,506	23,190	228	0	0
African American	82	33	47	2	0	822	332	473	17	0	0
Other/unknown	732	442	287	3	0	7,907	4,725	3,149	33	0	0
Use of Nursing Facilities											
All year	1,668	1,566	102	0	0	16,559	15,459	1,100	0	0	0
Part year	634	576	58	0	0	5,632	5,050	582	0	0	0
None	3,766	1,424	2,305	37	0	40,462	15,054	25,130	278	0	0
Maintenance Assistance Status											
Cash	2,366	937	1,398	31	0	25,844	10,522	15,068	254	0	0
Medically needy	0	0	0	0	0	0	0	0	0	0	0
Poverty related	51	15	32	4	0	458	142	299	17	0	0
Other/unknown	3,651	2,614	1,035	2	0	36,351	24,899	11,445	7	0	0
Dual Status^c											
Full dual, all year	5,877	3,446	2,396	35	0	60,767	34,388	26,116	263	0	0
Full dual, part year	191	120	69	2	0	1,886	1,175	696	15	0	0
Managed Care Status											
FFS all year	6,068	3,566	2,465	37	0	62,653	35,563	26,812	278	0	0
FFS part year, with Rx claims	0	0	0	0	0	0	0	0	0	0	0
FFS part year, no Rx claims	0	0	0	0	0	0	0	0	0	0	0
MC all year, with Rx claims	0	0	0	0	0	0	0	0	0	0	0
MC all year, no Rx claims	0	0	0	0	0	0	0	0	0	0	0

Source: Data for this table are from the MAX 1999 file for Wyoming, released by CMS in 12/2003. This table was produced on 06/25/2004.

- a. Table A.3 includes the beneficiaries represented by Cell F of Table 1. Benefit months are months during which beneficiaries had pharmacy benefit.
- 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. The "Full dual, all year" group contains beneficiaries who had Medicare as well as Medicaid pharmacy benefits during all months of Medicaid enrollment in 1999. 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
 DUAL ELIGIBLE BENEFICIARIES, WYOMING, 1999

Beneficiary Characteristics	Benes and					
	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	6,068	62,653	6,068	62,653	0	0
FFS all year	6,068	62,653	6,068	62,653	0	0
FFS part year, with Rx claims	0	0	0	0	0	0
FFS part year, with no Rx claims	0	0	0	0	0	0
MC all year, with Rx claims	0	0	0	0	0	0
MC all year, with no Rx claims	0	0	0	0	0	0

Source: Data for this table are from the MAX 1999 file for Wyoming, released by CMS in 12/2003. This table was produced on 06/25/2004.

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.

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SUPPLEMENTAL TABLE 1D
 MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 85 AND OLDER^{a, b}
 WYOMING, 1999

Total Number of Dual Eligible Beneficiaries, Age 85+ 1,311
 Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 85+ \$2,005,196
 Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 85+ \$1,530

Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	Percent of Dual Beneficiaries, Age 85+	Pharmacy Reimbursement	Percent of Total Pharmacy Reimbursement
\$0	67	5.1 %	0	0.0 %
1-500	351	26.8	83,899	4.2
501-1,000	221	16.9	162,935	8.1
1,001-1,500	163	12.4	203,478	10.1
1,501-2,000	136	10.4	238,538	11.9
2,001-2,500	102	7.8	226,419	11.3
2,501-3,000	71	5.4	196,363	9.8
3,001-3,500	62	4.7	199,306	9.9
3,501-4,000	43	3.3	161,486	8.1
4,001-4,500	23	1.8	96,832	4.8
4,501-5,000	20	1.5	95,507	4.8
5,001-5,500	15	1.1	77,776	3.9
5,501-6,000	8	0.6	46,309	2.3
6,001-6,500	11	0.8	67,828	3.4
6,501-7,000	3	0.2	19,969	1.0
7,001-7,500	4	0.3	29,262	1.5
7,501-8,000	4	0.3	31,286	1.6
8,001-8,500	2	0.2	16,370	0.8
8,501-9,000	1	0.1	8,826	0.4
9,001-9,500	1	0.1	9,801	0.5
9,501-10,000	3	0.2	33,006	1.6
10,001+				

Source: Data for this table are from the MAX 1999 file for Wyoming, released by CMS in 12/2003. This table was produced on 10/26/2004.

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 1999.

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