

# STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2001 HAWAII

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TABLE D.2  
 CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY<sup>a,b</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 2001

Beneficiary Characteristics	No. of Benes							No. of Bene Mos						
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown		
<b>All</b>	<b>24,174</b>	<b>15,533</b>	<b>8,525</b>	<b>115</b>	<b>1</b>	<b>0</b>	<b>245,560</b>	<b>155,216</b>	<b>90,016</b>	<b>327</b>	<b>1</b>	<b>0</b>		
<b>Age</b>														
5 and younger	1	0	1	0	0	0	12	0	12	0	0	0		
6-14	2	0	2	0	0	0	24	0	24	0	0	0		
15-20	31	0	30	0	1	0	319	0	318	0	1	0		
21-44	3,061	0	3,002	59	0	0	32,320	0	32,144	176	0	0		
45-64	4,109	0	4,060	49	0	0	42,697	0	42,557	140	0	0		
65-74	6,965	5,807	1,151	7	0	0	72,029	59,862	12,156	11	0	0		
75-84	6,810	6,593	217	0	0	0	69,817	67,586	2,231	0	0	0		
85 and older	3,195	3,133	62	0	0	0	28,342	27,768	574	0	0	0		
Unknown	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Gender</b>														
Female	14,213	10,211	3,955	46	1	0	146,054	103,636	42,301	116	1	0		
Male	9,961	5,322	4,570	69	0	0	99,506	51,580	47,715	211	0	0		
Unknown	0	0	0	0	0	0	0	0	0	0	0	0		
<b>Race</b>														
White	4,758	2,099	2,616	43	0	0	47,682	20,467	27,106	109	0	0		
African American	230	74	151	5	0	0	2,215	741	1,467	7	0	0		
Other/unknown	19,186	13,360	5,758	67	1	0	195,663	134,008	61,443	211	1	0		
<b>Use of Nursing Facilities<sup>c</sup></b>														
Entire year	2,185	1,915	270	0	0	0	17,550	14,778	2,772	0	0	0		
Part year	740	615	125	0	0	0	7,088	5,749	1,339	0	0	0		
None	21,249	13,003	8,130	115	1	0	220,922	134,689	85,905	327	1	0		
<b>Maintenance Assistance Status</b>														
Cash	10,720	6,619	4,079	22	0	0	116,796	72,007	44,722	67	0	0		
Medically needy	2,149	1,734	415	0	0	0	16,200	12,716	3,484	0	0	0		
Poverty-related	11,147	7,152	3,994	0	1	0	111,664	70,225	41,438	0	1	0		
Other/unknown	158	28	37	93	0	0	900	268	372	260	0	0		
<b>Dual Medicare Status<sup>d</sup></b>														
Full dual, all year	23,848	15,437	8,295	115	1	0	242,632	154,344	87,960	327	1	0		
Full dual, part year	326	96	230	0	0	0	2,928	872	2,056	0	0	0		
<b>Managed Care Status</b>														
FFS all year	23,636	15,332	8,280	24	0	0	242,612	154,053	88,473	86	0	0		
FFS part year, with Rx claims	379	159	198	21	1	0	2,397	987	1,299	110	1	0		
FFS part year, no Rx claims	159	42	47	70	0	0	551	176	244	131	0	0		

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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<sup>a,b</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 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	87.3 %	29.8	\$1,616	\$54	\$9,199	17.6 %	24,174
<b>Age</b>							
5 and younger	100.0	45.0	5,165	115	22,573	22.9	1
6-14	100.0	67.0	4,773	71	7,192	66.4	2
15-20	80.6	11.2	559	50	7,085	7.9	31
21-44	83.4	27.3	2,438	90	8,826	27.6	3,061
45-64	88.8	39.9	2,602	65	9,966	26.1	4,109
65-74	87.0	29.7	1,363	46	5,123	26.6	6,965
75-84	88.6	28.5	1,251	44	8,836	14.2	6,810
85 and older	87.1	22.7	901	40	18,247	4.9	3,195
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Basis of Eligibility<sup>c</sup></b>							
Aged	87.7	27.2	1,198	44	9,246	13.0	15,533
Disabled	87.6	34.9	2,399	69	9,214	26.0	8,525
Adults	24.3	3.7	192	52	1,731	11.1	115
Children	100.0	5.0	873	175	1,578	55.3	1
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Gender</b>							
Female	89.6	31.5	1,543	49	9,361	16.5	14,213
Male	84.0	27.4	1,721	63	8,967	19.2	9,961
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Race</b>							
White	86.3	35.1	2,238	64	9,799	22.8	4,758
African American	80.0	29.4	1,919	65	5,587	34.4	230
Other/unknown	87.7	28.5	1,459	51	9,093	16.0	19,186
<b>Use of Nursing Facilities<sup>d</sup></b>							
Entire year	93.2	29.2	1,249	43	44,618	2.8	2,185
Part year	94.6	34.2	1,522	45	31,006	4.9	740
None	86.5	29.7	1,658	56	4,797	34.6	21,249
<b>Maintenance Assistance Status</b>							
Cash	90.1	32.0	1,738	54	5,956	29.2	10,720
Medically needy	82.6	25.2	1,219	48	27,381	4.5	2,149
Poverty related	86.1	28.8	1,588	55	8,853	17.9	11,147
Other/unknown	51.3	14.7	842	57	6,383	13.2	158

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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<sup>a,b</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 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	2.9	\$159	17.6 %	12.7 %	25.9 %	15.5 %	30.9 %	13.2 %	1.8 %	\$906	24,174	245,560
<b>Age</b>												
5 and younger	3.8	430	22.9	0.0	0.0	0.0	100.0	0.0	0.0	1,881	1	12
6-14	5.6	398	66.4	0.0	0.0	0.0	50.0	50.0	0.0	599	2	24
15-20	1.1	54	7.9	19.4	45.2	19.4	16.1	0.0	0.0	689	31	319
21-44	2.6	231	27.6	16.6	30.9	14.5	24.6	11.6	1.9	836	3,061	32,320
45-64	3.8	250	26.1	11.2	19.8	13.0	31.7	19.5	4.8	959	4,109	42,697
65-74	2.9	132	26.6	13.0	26.1	15.8	30.8	12.9	1.4	495	6,965	72,029
75-84	2.8	122	14.2	11.4	26.8	16.4	32.6	12.0	0.9	862	6,810	69,817
85 and older	2.6	102	4.9	12.9	26.7	16.5	33.0	10.1	0.8	2,057	3,195	28,342
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Basis of Eligibility<sup>c</sup></b>												
Aged	2.7	120	13.0	12.3	27.0	16.4	31.8	11.5	1.0	925	15,533	155,216
Disabled	3.3	227	26.0	12.4	24.2	13.7	29.7	16.5	3.4	873	8,525	90,016
Adults	1.3	68	11.1	75.7	7.0	7.8	5.2	3.5	0.9	609	115	327
Children	5.0	873	55.3	0.0	0.0	0.0	100.0	0.0	0.0	1,578	1	1
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Gender</b>												
Female	3.1	150	16.5	10.4	25.1	16.0	33.0	13.6	1.9	911	14,213	146,054
Male	2.7	172	19.2	16.0	27.1	14.7	27.9	12.7	1.7	898	9,961	99,506
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Race</b>												
White	3.5	223	22.8	13.7	22.7	12.7	29.4	17.3	4.2	978	4,758	47,682
African American	3.1	199	34.4	20.0	22.2	14.3	25.7	13.9	3.9	580	230	2,215
Other/unknown	2.8	143	16.0	12.3	26.8	16.2	31.4	12.2	1.2	892	19,186	195,663
<b>use of nursing Facilities<sup>d</sup></b>												
Entire year	3.6	156	2.8	6.8	19.0	13.9	39.0	18.3	3.0	5,555	2,185	17,550
Part year	3.6	159	4.9	5.4	20.7	16.8	37.4	18.0	1.8	3,237	740	7,088
None	2.9	159	34.6	13.5	26.8	15.6	29.9	12.5	1.7	461	21,249	220,922
<b>Maintenance Assistance Status</b>												
Cash	2.9	160	29.2	9.9	26.8	16.4	32.1	13.2	1.7	547	10,720	116,796
Medically needy	3.3	162	4.5	17.4	19.2	13.0	32.6	15.4	2.5	3,632	2,149	16,200
Poverty related	2.9	159	17.9	13.9	26.6	15.0	29.7	12.9	1.9	884	11,147	111,664
Other/unknown	2.6	148	13.2	48.7	10.8	15.8	14.6	9.5	0.6	1,121	158	900

Table D4

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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<sup>a, b, c</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 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	2.9	\$159	\$54	1.4	\$121	\$88	0.2	\$9	\$47	1.4	\$29	\$21
<b>Age</b>												
5 and younger	3.8	430	115	0.8	337	405	1.3	76	61	1.7	17	10
6-14	5.6	398	71	1.8	311	174	0.0	0	0	3.8	87	23
15-20	1.1	54	50	0.5	38	85	0.1	7	80	0.5	9	17
21-44	2.6	231	90	1.1	182	160	0.2	14	78	1.3	35	28
45-64	3.8	250	65	1.7	189	114	0.3	15	59	1.9	46	24
65-74	2.9	132	46	1.4	101	71	0.2	6	36	1.3	25	19
75-84	2.8	122	44	1.4	92	67	0.2	6	35	1.2	24	20
85 and older	2.6	102	40	1.1	70	65	0.2	8	38	1.3	23	19
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Basis of Eligibility<sup>d</sup></b>												
Aged	2.7	120	44	1.3	90	68	0.2	6	36	1.2	24	19
Disabled	3.3	227	69	1.4	174	120	0.2	14	61	1.6	39	24
Adults	1.3	68	52	0.5	44	80	0.1	4	40	0.6	19	31
Children	5.0	873	175	3.0	809	270	1.0	49	49	1.0	15	15
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Gender</b>												
Female	3.1	150	49	1.5	113	77	0.2	9	43	1.4	29	21
Male	2.7	172	63	1.2	132	108	0.2	9	54	1.3	31	23
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Race</b>												
White	3.5	223	64	1.5	170	113	0.2	15	61	1.8	38	22
African American	3.1	199	65	1.3	160	126	0.2	8	41	1.6	32	20
Other/unknown	2.8	143	51	1.3	108	81	0.2	8	42	1.3	27	21
<b>Use of Nursing Facilities<sup>e</sup></b>												
Entire year	3.6	156	43	1.4	103	72	0.4	17	42	1.8	36	20
Part year	3.6	159	45	1.5	110	76	0.4	14	38	1.7	34	20
None	2.9	159	56	1.4	122	90	0.2	8	48	1.3	29	22
<b>Maintenance Assistance Status</b>												
Cash	2.9	160	54	1.4	121	86	0.2	8	47	1.3	30	22
Medically needy	3.3	162	48	1.4	113	82	0.3	15	47	1.6	34	21
Poverty related	2.9	159	55	1.3	121	92	0.2	9	47	1.4	28	21
Other/unknown	2.6	148	57	1.0	98	96	0.2	8	35	1.3	42	32

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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 Hawaii, 1.0 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](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<sup>a, b, c, d</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 2001

Therapeutic Category	No. of Rx per Bene Mo among Users				\$ per Bene Mo among Users				Users								
	Patented		Off-Patent		Patented		Off-Patent		Patented		Off-Patent		As % of Dual Benes	No. of Bene Mos			
	Total	Brand-Name	Generic	Total	Brand-Name	Generic	Total	Brand-Name	Generic	Total	Brand-Name	Generic					
Anti-infective Agents	0.3	0.1	0.0	0.2	\$24	\$21	\$0	\$2	\$79	\$144	\$69	\$15	38,262	\$3,013,910	11,670	48.3 %	127,387
Biologics	0.1	0.1	0.0	0.0	40	6	13	20	307	82	2,141	443	105	32,283	77	0.3	802
Antineoplastic Agents	0.5	0.2	0.1	0.2	74	42	20	12	162	243	185	67	3,932	635,552	867	3.6	8,532
Endocrine/Metabolic Drugs	0.9	0.6	0.1	0.2	44	38	2	4	49	67	18	17	93,643	4,585,905	9,660	40.0	104,544
Cardiovascular Agents	1.4	0.7	0.1	0.6	56	40	3	14	41	57	29	24	202,060	8,329,257	13,889	57.5	147,854
Respiratory Agents	0.5	0.2	0.0	0.3	20	15	0	4	38	62	32	16	52,128	1,957,464	8,812	36.5	97,270
Gastrointestinal Agents	0.5	0.1	0.0	0.4	19	13	1	5	42	130	70	15	36,586	1,519,242	7,223	29.9	78,940
Genitourinary Agents	0.4	0.3	0.0	0.1	22	19	0	2	54	67	44	19	10,519	572,121	2,440	10.1	26,386
CNS Drugs	1.0	0.5	0.0	0.5	93	72	5	16	92	157	112	32	93,439	8,613,057	8,570	35.5	92,430
Stimulants/Anti-obesity/Anorexia	0.5	0.2	0.1	0.3	32	17	3	11	66	109	64	42	541	35,841	98	0.4	1,120
Miscellaneous Psychological/Neurological Agents	0.5	0.5	0.0	0.0	60	59	0	1	116	121	35	32	3,886	450,498	713	2.9	7,490
Analgesics and Anesthetics	0.6	0.2	0.0	0.4	33	25	2	6	56	119	126	16	67,007	3,755,707	10,537	43.6	114,708
Neuromuscular Agents	0.9	0.3	0.1	0.4	51	35	6	9	58	101	42	25	42,266	2,441,999	4,444	18.4	48,283
Nutritional Products	0.5	0.0	0.2	0.3	10	0	5	5	22	34	28	18	10,318	231,981	2,205	9.1	22,472
Hematological Agents	0.7	0.3	0.1	0.3	38	31	1	6	58	103	25	20	20,295	1,186,660	2,926	12.1	30,898
Topical Products	0.4	0.1	0.0	0.2	12	8	0	4	33	52	42	19	42,615	1,388,988	10,289	42.6	113,873
Miscellaneous Products	0.3	0.1	0.0	0.1	35	16	13	7	137	223	277	50	2,126	291,152	830	3.4	8,209
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	6	0	0	0	27	0	0	0	1,270	34,288	528	2.2	5,725
<b>TOTAL NO. OF RX AND RX \$</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	720,998	39,075,905	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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](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 Hawaii, 1.0 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](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<sup>a, b, c</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 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	\$5,849,819	3,969	16.4 %	44,213	0.8	\$168	\$132
ANTIHYPERTENSIVE	2,899,473	5,704	23.6	63,729	0.6	77	45
ANTIDIABETIC	2,582,214	9,577	39.6	105,230	0.6	42	25
ANTIDEPRESSANTS	2,506,813	6,729	27.8	73,729	0.6	54	34
ANTICONVULSANT	2,002,324	4,971	20.6	53,744	0.6	65	37
ANALGESICS - Narcotic	1,930,422	3,298	13.6	36,561	0.7	72	53
MISC. ENDOCRINE	1,777,650	7,911	32.7	85,987	0.4	59	21
CALCIUM BLOCKERS	1,654,556	3,721	15.4	42,111	0.5	81	39
ANALGESICS - ANTI-INFLAMMATORY	1,642,505	4,511	18.7	49,677	0.7	48	33
	1,586,816	7,378	30.5	83,685	0.3	61	19
Total	24,432,592	57,769		638,666	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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](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<sup>a, b, c</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 2001

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTIHYPERLIPIDEMIC						
	No. of Rx	Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
<b>All</b>	<b>348,947</b>	<b>\$24,432,592</b>	<b>3,969</b>	<b>16.4 %</b>	<b>44,213</b>	<b>0.8</b>	<b>\$132</b>	<b>5,704</b>	<b>23.6 %</b>	<b>63,729</b>	<b>0.6</b>	<b>\$46</b>					
<b>Female</b>																	
<b>Disabled</b>																	
5 and younger	218,435	13,933,650	1,862	13.1	20,631	0.7	108	3,719	26.2	41,796	0.6	46					
6-14	75,958	5,888,385	1,184	29.9	13,438	0.8	130	885	22.4	9,945	0.6	46					
15-20	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
21-44	24	1,928	4	0.0	48	0.3	47	1	6.3	12	0.5	22					
45-64	90	8,309	431	25.0	4,930	0.8	134	83	7.4	940	0.6	43					
65-74	16,699	1,647,615	631	38.4	7,111	0.9	138	525	26.8	5,894	0.6	46					
75-84	44,185	3,359,027	102	32.2	1,169	0.7	81	27	36.2	2,757	0.6	48					
<b>85 and older</b>	12,839	760,440	15	15.0	168	0.5	65	3	19.9	308	0.4	35					
<b>Other Eligibles</b>	1,687	90,741	1	11.0	12	0.1	1	3	7.0	34	0.9	61					
5 and younger	434	20,325	678	2.3	7,193	0.6	66	2,834	27.6	31,851	0.6	45					
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	0.0	0					
21-44	1	78	2	0.0	10	1.6	142	2	8.7	11	0.8	53					
45-64	56	3,984	0	8.7	0	0.0	0	2	11.8	16	0.7	44					
65-74	65	3,085	214	0.0	2,395	0.6	91	1,354	36.3	15,135	0.6	45					
75-84	57,403	3,403,902	292	5.7	3,147	0.6	60	1,226	29.1	13,948	0.6	46					
<b>85 and older</b>	62,769	3,515,121	170	6.9	1,641	0.5	41	250	11.0	2,741	0.6	47					
	22,183	1,119,095	2,107	7.5	23,582	0.8	154	1,985	19.9	21,933	0.6	46					
<b>Male</b>	130,512	10,498,942	1,790	21.2	20,385	0.9	169	823	18.0	9,086	0.6	46					
<b>Disabled</b>	74,744	7,497,347	0	39.2	0	0.0	0	0	0.0	0	0.0	0					
5 and younger	2	3,308	0	0.0	0	0.0	0	1	100.0	12	0.9	23					
6-14	37	2,881	1	0.0	12	0.8	30	0	0.0	0	0.0	0					
15-20	57	1,268	960	7.1	10,929	0.8	171	226	12.0	2,519	0.6	43					
21-44	28,364	3,421,732	755	51.0	8,610	0.9	173	423	20.1	4,639	0.6	48					
45-64	38,288	3,577,253	59	35.9	665	0.8	103	154	32.7	1,694	0.6	49					
65-74	7,055	435,313	11	12.5	127	0.9	100	16	19.8	186	0.6	42					
75-84	767	42,229	4	13.6	42	0.5	154	3	15.8	36	0.5	37					
<b>85 and older</b>	174	13,363	317	21.1	3,197	0.5	55	1,162	21.6	12,847	0.6	45					
<b>Other Eligibles</b>	55,768	3,001,595	0	5.9	0	0.0	0	0	0.0	0	0.0	0					
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	0.0	0					
21-44	62	4,126	3	0.0	4	0.8	272	1	2.8	10	0.5	58					
45-64	49	4,723	3	8.3	21	1.4	145	3	9.4	11	0.3	14					
65-74	24,946	1,392,525	101	4.8	1,121	0.6	77	582	27.9	6,419	0.6	45					
75-84	24,478	1,296,951	133	4.8	1,325	0.5	46	513	21.6	5,733	0.6	44					
<b>85 and older</b>	6,233	303,270	77	5.6	726	0.4	35	63	7.3	674	0.6	47					
<b>Unknown</b>	0	0	0	9.0	0	0.0	0	0	0.0	0	0.0	0					

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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](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<sup>a, b, c</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 2001

Beneficiary Characteristics	ANTIHYPERTENSIVE					ANTI-DIABETIC					ANTI-DEPRESSANTS				
	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 \$
<b>All</b>	<b>9,577</b>	<b>39.6 %</b>	<b>105,230</b>	<b>0.6</b>	<b>\$25</b>	<b>6,729</b>	<b>27.8 %</b>	<b>73,729</b>	<b>0.6</b>	<b>\$34</b>	<b>4,971</b>	<b>20.6 %</b>	<b>53,744</b>	<b>0.6</b>	<b>\$37</b>
<b>Female</b>	5,838	41.1	64,554	0.6	25	4,330	30.5	47,882	0.6	34	3,038	21.4	32,907	0.6	37
<b>Disabled</b>	1,327	33.6	14,897	0.6	26	1,231	31.1	13,811	0.7	39	1,539	38.9	16,999	0.6	44
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	1	100.0	12	1.0	10	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	1	6.3	12	0.1	4	0	0.0	0	0.0	0	6	37.5	72	0.4	29
21-44	169	15.1	1,886	0.5	24	181	16.1	2,020	0.6	40	429	38.3	4,691	0.5	41
45-64	763	39.0	8,551	0.6	27	728	37.2	8,181	0.7	40	935	47.8	10,292	0.6	46
65-74	311	45.7	3,510	0.6	26	285	41.9	3,187	0.7	38	139	20.4	1,615	0.6	38
75-84	65	47.8	747	0.6	24	30	22.1	342	0.6	24	26	19.1	293	0.6	27
85 and older	17	39.5	179	0.6	21	7	16.3	81	0.7	24	4	9.3	36	0.7	20
<b>Other Eligibles</b>	4,511	44.0	49,657	0.6	25	3,099	30.2	34,071	0.6	32	1,499	14.6	15,908	0.5	30
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	100.0	1	1.0	78	0	0.0	0	0.0	0	0	0.0	0	0.0	0
21-44	0	0.0	0	0.0	0	1	4.3	8	1.0	132	1	4.3	3	0.3	52
45-64	2	11.8	18	0.7	20	4	23.5	34	0.7	40	2	11.8	10	0.4	26
65-74	1,741	46.7	19,248	0.6	24	1,489	39.9	16,562	0.6	35	549	14.7	6,030	0.5	30
75-84	1,994	47.3	22,266	0.6	25	1,299	30.8	14,311	0.6	31	635	15.1	6,844	0.5	29
85 and older	773	34.0	8,124	0.6	24	306	13.5	3,156	0.6	23	312	13.7	3,021	0.7	31
<b>Male</b>	3,739	37.5	40,676	0.6	24	2,399	24.1	25,847	0.6	34	1,933	19.4	20,837	0.6	38
<b>Disabled</b>	1,278	28.0	13,869	0.6	24	1,087	23.8	11,719	0.6	38	1,379	30.2	15,146	0.6	42
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	3	300.0	36	0.4	19	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	4	28.6	48	0.2	4	0	0.0	0	0.0	0	1	7.1	12	0.5	8
21-44	329	17.5	3,591	0.6	23	246	13.1	2,702	0.7	40	593	31.5	6,573	0.6	43
45-64	673	32.0	7,247	0.6	24	627	29.8	6,666	0.6	37	695	33.1	7,605	0.6	43
65-74	232	49.3	2,539	0.6	26	202	42.9	2,229	0.6	37	78	16.6	836	0.5	30
75-84	31	38.3	342	0.6	24	11	13.6	110	0.7	29	6	7.4	66	0.5	34
85 and older	6	31.6	66	0.5	24	1	5.3	12	1.0	17	6	31.6	54	0.6	29
<b>Other Eligibles</b>	2,461	45.7	26,807	0.6	24	1,312	24.3	14,128	0.6	31	554	10.3	5,691	0.5	27
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	2	5.6	10	0.4	14	2	5.6	20	0.5	12	3	8.3	26	0.7	24
45-64	1	3.1	5	0.4	17	1	3.1	5	0.4	10	2	6.3	13	0.2	4
65-74	1,025	49.1	11,322	0.6	24	684	32.8	7,448	0.6	34	253	12.1	2,664	0.5	27
75-84	1,153	48.5	12,674	0.6	24	508	21.4	5,438	0.6	27	205	8.6	2,079	0.5	28
85 and older	280	32.6	2,796	0.6	23	117	13.6	1,217	0.7	32	91	10.6	909	0.6	27
<b>Unknown</b>	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table D7B

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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](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<sup>a, b, c</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 2001

Beneficiary Characteristics	ANTICONVULSANT					ANALGESICS - Narcotic					MISC. ENDOCRINE				
	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 \$
<b>All</b>	<b>3,298</b>	<b>13.6 %</b>	<b>36,561</b>	<b>0.7</b>	<b>\$53</b>	<b>7,911</b>	<b>32.7 %</b>	<b>85,987</b>	<b>0.4</b>	<b>\$21</b>	<b>3,721</b>	<b>15.4 %</b>	<b>42,111</b>	<b>0.5</b>	<b>\$39</b>
<b>Female</b>	1,738	12.2	19,226	0.7	49	4,770	33.6	52,250	0.3	17	3,344	23.5	37,917	0.5	33
<b>Disabled</b>	1,072	27.1	12,085	0.8	60	2,018	51.0	22,315	0.4	28	508	12.8	5,802	0.5	40
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	3	18.8	36	0.4	46	6	37.5	62	0.1	1	0	0.0	0	0.0	0
21-44	369	32.9	4,193	0.9	72	535	47.7	5,938	0.4	40	51	4.5	597	0.4	49
45-64	624	31.9	6,982	0.7	56	1,129	57.7	12,381	0.5	28	260	13.3	2,922	0.5	39
65-74	70	10.3	814	0.6	33	293	43.1	3,344	0.3	10	162	23.8	1,880	0.5	37
75-84	5	3.7	51	0.3	20	44	32.4	494	0.3	4	24	17.6	277	0.6	44
85 and older	1	2.3	9	1.2	81	11	25.6	96	0.3	5	11	25.6	126	0.7	44
<b>Other Eligibles</b>	666	6.5	7,141	0.6	31	2,752	26.8	29,935	0.3	9	2,836	27.6	32,115	0.5	32
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	0	0.0	0	0.0	0	1	4.3	5	0.2	3	1	4.3	8	0.8	47
45-64	2	11.8	4	0.5	15	3	17.6	17	0.4	8	0	0.0	0	0.0	0
65-74	243	6.5	2,690	0.5	30	1,109	29.7	12,445	0.3	8	1,037	27.8	11,803	0.5	32
75-84	300	7.1	3,257	0.7	33	1,126	26.7	12,515	0.3	8	1,256	29.8	14,458	0.5	32
85 and older	121	5.3	1,190	0.6	28	513	22.6	4,953	0.3	11	542	23.8	5,846	0.5	33
<b>Male</b>	1,560	15.7	17,335	0.8	57	3,141	31.5	33,737	0.4	27	377	3.8	4,194	0.4	94
<b>Disabled</b>	1,219	26.7	13,703	0.8	62	1,846	40.4	20,124	0.5	39	117	2.6	1,285	0.5	248
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	100.0	12	0.2	276
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	3	21.4	30	0.7	19	4	28.6	48	0.3	1	0	0.0	0	0.0	0
21-44	563	29.9	6,379	0.8	62	667	35.5	7,328	0.4	38	35	1.9	390	0.5	584
45-64	597	28.4	6,690	0.8	65	1,014	48.2	10,953	0.5	43	65	3.1	702	0.5	108
65-74	47	10.0	496	0.7	30	148	31.4	1,645	0.4	19	12	2.5	136	0.6	83
75-84	7	8.6	84	0.6	21	13	16.0	150	0.2	2	4	4.9	45	0.2	13
85 and older	2	10.5	24	0.5	11	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Other Eligibles</b>	341	6.3	3,632	0.7	37	1,295	24.0	13,613	0.3	9	260	4.8	2,909	0.4	27
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	2.8	4	0.3	24	4	11.1	32	0.4	32	0	0.0	0	0.0	0
45-64	2	6.3	6	1.2	212	1	3.1	11	0.1	1	0	0.0	0	0.0	0
65-74	146	7.0	1,587	0.7	41	619	29.7	6,783	0.3	9	80	3.8	936	0.4	27
75-84	140	5.9	1,510	0.7	34	523	22.0	5,485	0.2	9	134	5.6	1,478	0.4	28
85 and older	52	6.0	525	0.8	32	148	17.2	1,302	0.3	12	46	5.3	495	0.3	20
<b>Unknown</b>	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table D7C

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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](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<sup>a, b, c</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 2001

Beneficiary Characteristics	CALCIUM BLOCKERS				ANALGESICS - ANTI-INFLAMMATORY				Mean Rx \$	No. of Benes	No. of Benes Rx	Mean Rx \$	No. of Benes Rx	No. of Benes Mos
	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	Users as % of Dual Benes	No. of Bene Mos among Users	Mean No. of Rx						
<b>All</b>	<b>4,511</b>	<b>18.7 %</b>	<b>49,677</b>	<b>0.7</b>	<b>\$33</b>	<b>7,378</b>	<b>30.5 %</b>	<b>83,685</b>	<b>0.3</b>	<b>\$19</b>	<b>24,174</b>	<b>245,560</b>		
<b>Female</b>														
<b>Disabled</b>	3,076	21.6	34,258	0.7	33	4,703	33.1	53,769	0.3	21	14,213	146,054		
5 and younger	624	15.8	6,983	0.7	38	1,205	30.5	13,857	0.3	14	3,955	42,301		
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0		
15-20	1	100.0	12	1.0	151	0	0.0	0	0.0	0	1	12		
21-44	4	25.0	33	0.5	58	3	18.8	36	0.1	1	16	165		
45-64	79	7.0	897	0.6	53	278	24.8	3,205	0.2	5	1,121	12,041		
65-74	336	17.2	3,718	0.7	35	570	29.1	6,487	0.3	16	1,958	20,871		
75-84	171	25.1	1,947	0.7	34	301	44.3	3,504	0.3	19	680	7,385		
85 and older	28	20.6	316	0.7	35	43	31.6	508	0.2	16	136	1,422		
<b>Other Eligibles</b>	5	11.6	60	1.1	41	10	23.3	117	0.3	22	43	405		
5 and younger	2,452	23.9	27,275	0.7	32	3,498	34.1	39,912	0.3	24	10,258	103,753		
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	0	0		
21-44	1	4.3	8	1.0	42	2	8.7	11	0.6	4	23	54		
45-64	1	5.9	8	0.5	16	2	11.8	9	0.3	10	17	54		
65-74	909	24.4	10,160	0.7	32	1,564	42.0	17,871	0.3	22	3,728	38,995		
75-84	1,087	25.8	12,263	0.7	32	1,485	35.2	17,107	0.3	25	4,216	44,062		
85 and older	454	20.0	4,836	0.7	32	445	19.6	4,914	0.4	25	2,273	20,587		
<b>Male</b>														
<b>Disabled</b>	1,435	14.4	15,419	0.7	33	2,675	26.9	29,916	0.3	15	9,961	99,506		
5 and younger	449	9.8	4,849	0.7	37	1,020	22.3	11,391	0.3	8	4,570	47,715		
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	12		
15-20	1	100.0	12	0.9	161	0	0.0	0	0.0	0	1	12		
21-44	1	7.1	12	0.1	1	0	0.0	0	0.0	0	14	153		
45-64	117	6.2	1,226	0.7	44	346	18.4	3,867	0.2	4	1,881	20,103		
65-74	248	11.8	2,683	0.7	34	503	23.9	5,663	0.3	9	2,102	21,686		
75-84	71	15.1	795	0.7	34	143	30.4	1,542	0.3	16	471	4,771		
85 and older	8	9.9	85	0.6	18	25	30.9	283	0.3	15	81	809		
<b>Other Eligibles</b>	3	15.8	36	0.8	24	3	15.8	36	0.4	30	19	169		
5 and younger	986	18.3	10,570	0.7	31	1,655	30.7	18,525	0.3	19	5,391	51,791		
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	0	0		
21-44	1	2.8	10	0.5	21	1	2.8	10	0.2	14	36	122		
45-64	1	3.1	5	0.4	14	0	0.0	0	0.0	0	32	86		
65-74	372	17.8	3,940	0.7	32	697	33.4	7,842	0.3	18	2,086	20,878		
75-84	492	20.7	5,356	0.7	30	778	32.7	8,745	0.3	20	2,377	23,524		
85 and older	120	14.0	1,259	0.7	30	179	20.8	1,928	0.3	20	860	7,181		
<b>Unknown</b>	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 Hawaii, released by CMS in 07/2005. 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](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<sup>a, b</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 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
<b>All</b>	<b>\$156</b>	<b>3.6</b>	<b>2,185</b>	<b>17,550</b>
<b>Age</b>				
0-64	210	4.2	201	2,216
65-74	177	4.2	221	1,856
75-84	172	3.9	742	6,167
85 and older	119	3.1	1,021	7,311
Unknown	0	0.0	0	0
<b>Gender</b>				
Female	156	3.7	1,433	11,656
Male	155	3.6	752	5,894
Unknown	0	0.0	0	0
<b>Race</b>				
White	186	4.2	409	3,495
African American	167	4.1	6	49
Other/unknown	148	3.5	1,770	14,006
<b>Basis of Eligibility<sup>c</sup></b>				
Aged	147	3.5	1,915	14,778
Disabled	203	4.2	270	2,772
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 Hawaii, released by CMS in 07/2005. 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 740 beneficiaries who were in nursing facilities for part of their enrollment and their 7,088 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<sup>a, b, c, d, e</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 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	Brand-Name	Generic	Total	Patented	Off-Patent			Brand-Name	Generic	No.	As % of Dual All-Year NF Residents	No. of Bene Mos		
Anti-infective Agents	0.3	0.2	0.0	0.1	\$19	\$16	\$0	\$2	\$56	\$88	\$62	\$17	3,270	\$184,329	1,124	51.4 %	9,930
Biologics	0.1	0.0	0.0	0.1	2	1	0	2	18	13	0	21	12	214	12	0.5	100
Antineoplastic Agents	0.6	0.1	0.2	0.2	91	32	46	13	153	240	191	61	655	100,533	155	7.1	1,105
Endocrine/Metabolic Drugs	1.0	0.5	0.2	0.3	35	28	3	5	35	53	15	15	7,691	265,472	835	38.2	7,486
Cardiovascular Agents	1.6	0.5	0.2	0.9	46	25	5	16	29	46	28	19	15,884	464,924	1,212	55.5	10,109
Respiratory Agents	0.5	0.2	0.0	0.3	19	11	0	7	39	59	25	26	2,259	88,734	522	23.9	4,712
Gastrointestinal Agents	0.7	0.1	0.0	0.6	22	10	1	11	32	92	62	20	3,724	119,254	618	28.3	5,495
Genitourinary Agents	0.5	0.2	0.0	0.2	20	15	0	5	40	59	42	20	1,598	63,311	355	16.2	3,196
CNS Drugs	1.0	0.5	0.1	0.4	66	52	6	8	63	96	82	19	8,168	517,171	855	39.1	7,802
Stimulants/Anti-obesity/Anorexia	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0	0
Miscellaneous Psychological/Neurological Agents	0.7	0.7	0.0	0.0	89	88	0	1	125	127	0	40	739	92,057	113	5.2	1,039
Analgesics and Anesthetics	0.6	0.3	0.0	0.3	30	25	2	4	51	97	82	11	3,389	171,364	689	31.5	5,646
Neuromuscular Agents	1.1	0.4	0.3	0.4	60	33	16	12	54	76	48	33	5,660	303,903	533	24.4	5,029
Nutritional Products	0.6	0.0	0.2	0.4	14	1	4	9	22	29	26	20	2,010	43,607	405	18.5	3,211
Hematological Agents	0.9	0.4	0.1	0.4	41	34	1	6	48	94	16	14	2,675	127,426	361	16.5	3,119
Topical Products	0.5	0.2	0.0	0.3	16	8	1	7	32	50	43	22	5,173	166,236	1,114	51.0	10,721
Miscellaneous Products	0.2	0.0	0.0	0.1	4	1	0	3	24	13	333	28	637	15,552	426	19.5	4,018
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	4	0	0	0	14	0	0	0	346	4,762	129	5.9	1,268
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.	63,890	2,728,849	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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 740 beneficiaries who were in nursing facilities for part of their enrollment and their 7,088 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](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003).
- e. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. For information about this classification method, see Wolters Kluwer Health, [http://www.Medi-Span.com/products/product\\_mddb.asp](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003). In Hawaii, 1.0 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.

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<sup>a, b, c, d</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 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	\$243,495	343	15.7 %	3,394	0.7	\$109	\$72
ANTIDEPRESSANTS	214,676	516	23.6	5,046	0.8	56	43
ANTICONVULSANT	194,518	374	17.1	3,928	0.9	54	50
ANTIHYPERTENSIVE	168,308	575	26.3	5,532	0.9	35	30
ANTIDIABETIC	140,799	498	22.8	4,837	0.8	35	29
DERMATOLOGICAL	130,258	1,968	90.1	20,158	0.2	28	6
ANTINEOPLASTICS	100,533	128	5.9	1,012	0.6	153	99
MISC. ENDOCRINE	110,006	267	12.2	2,777	0.6	64	40
CALCIUM BLOCKERS	103,875	295	13.5	2,791	0.9	41	37
ANALGESICS - Narcotic	95,083	456	20.9	3,560	0.4	60	27
Total	1,501,551	5,420		53,035	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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 740 beneficiaries who were in nursing facilities for part of their enrollment and their 7,088 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](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<sup>a, b, c, d</sup>  
DUAL ELIGIBLE BENEFICIARIES, HAWAII, 2001

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTIDEPRESSANTS						
	No. of Rx	Rx \$	No. of Users	Users as % of All-Year Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All-Year Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All-Year Residents	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
<b>All</b>	<b>29,527</b>	<b>\$1,501,551</b>	<b>343</b>	<b>15.7 %</b>	<b>3,394</b>	<b>0.7</b>	<b>\$72</b>	<b>516</b>	<b>23.6 %</b>	<b>5,046</b>	<b>0.8</b>	<b>\$43</b>					
<b>Female</b>	19,682	993,288	205	14.3	2,019	0.7	73	363	25.3	3,534	0.8	42					
<b>Disabled</b>	2,856	165,919	34	27.6	374	0.7	106	54	43.9	598	0.8	45					
64 or younger	2,118	127,655	27	32.1	308	0.7	107	40	47.6	442	0.8	39					
65-74	541	27,630	5	20.8	51	0.7	115	9	37.5	108	0.9	64					
75-84	79	4,380	2	28.6	15	0.7	74	4	57.1	39	0.8	50					
85 and older	118	6,254	0	0.0	0	0.0	0	1	12.5	9	0.9	60					
<b>Other Eligibles</b>	16,826	827,369	171	13.1	1,645	0.7	66	309	23.6	2,936	0.8	41					
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
65-74	1,476	76,154	12	14.5	135	0.6	108	22	26.5	231	0.7	46					
75-84	8,075	402,218	81	16.8	797	0.7	64	151	31.4	1,455	0.7	44					
85 and older	7,275	348,997	78	10.5	713	0.6	59	136	18.2	1,250	0.8	37					
<b>Male</b>	9,845	508,263	138	18.4	1,375	0.6	70	153	20.3	1,512	0.8	44					
<b>Disabled</b>	2,849	187,076	53	36.1	600	0.8	114	31	21.1	334	0.8	50					
64 or younger	2,485	170,192	45	38.5	531	0.8	119	29	24.8	327	0.8	50					
65-74	265	12,709	7	31.8	63	0.7	56	1	4.5	1	12.0	394					
75-84	62	2,929	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
85 and older	37	1,246	1	33.3	6	0.3	2	1	33.3	6	0.8	13					
<b>Other Eligibles</b>	6,996	321,187	85	14.0	775	0.5	35	122	20.2	1,178	0.8	43					
64 or younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
65-74	1,562	68,410	15	16.3	158	0.4	29	27	29.3	277	0.8	46					
75-84	3,189	152,610	38	15.3	359	0.6	43	50	20.1	475	0.7	43					
85 and older	2,245	100,167	32	12.1	258	0.4	28	45	17.0	426	0.7	40					
<b>Unknown</b>	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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 740 beneficiaries who were in nursing facilities for part of their enrollment and their 7,088 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](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<sup>a, b, c, d</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 2001

Beneficiary Characteristics	ANTICONVULSANT						ANTIHYPERTENSIVE						ANTIDIABETIC					
	Users as %			Users as %			Users as %			Users as %			Users as %			Users as %		
	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx
<b>All</b>	<b>374</b>	<b>17.1 %</b>	<b>\$50</b>	<b>575</b>	<b>26.3 %</b>	<b>\$30</b>	<b>498</b>	<b>22.8 %</b>	<b>\$30</b>	<b>4,837</b>	<b>0.8</b>	<b>\$29</b>						
<b>Female</b>	222	15.5	47	389	27.1	31	323	22.5	31	3,138	0.8	28						
<b>Disabled</b>	56	45.5	60	31	25.2	33	34	27.6	33	385	0.8	29						
64 or younger	51	60.7	61	15	17.9	34	26	31.0	34	292	0.8	28						
65-74	4	16.7	41	11	45.8	31	7	29.2	31	84	1.0	31						
75-84	0	0.0	0	1	14.3	28	0	0.0	28	0	0.0	0						
85 and older	1	12.5	81	4	50.0	44	1	12.5	44	9	1.2	32						
<b>Other Eligibles</b>	166	12.7	43	358	27.3	31	289	22.1	31	2,753	0.8	28						
64 or younger	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0						
65-74	24	28.9	34	24	28.9	42	30	36.1	42	316	0.8	34						
75-84	94	19.5	49	158	32.8	32	153	31.8	32	1,517	0.9	29						
85 and older	48	6.4	34	176	23.6	28	106	14.2	28	920	0.8	24						
<b>Male</b>	152	20.2	53	186	24.7	29	175	23.3	29	1,699	0.8	32						
<b>Disabled</b>	57	38.8	66	39	26.5	28	35	23.8	28	356	0.8	32						
64 or younger	51	43.6	66	33	28.2	27	30	25.6	27	327	0.8	33						
65-74	6	27.3	62	2	9.1	33	5	22.7	33	29	0.9	18						
75-84	0	0.0	0	2	40.0	27	0	0.0	27	0	0.0	0						
85 and older	0	0.0	0	2	66.7	30	0	0.0	30	0	0.0	0						
<b>Other Eligibles</b>	95	15.7	44	147	24.3	29	140	23.1	29	1,343	0.8	31						
64 or younger	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0						
65-74	29	31.5	44	27	29.3	31	31	33.7	31	308	0.8	31						
75-84	41	16.5	49	62	24.9	29	60	24.1	29	568	0.8	30						
85 and older	25	9.5	36	58	22.0	28	49	18.6	28	467	0.8	33						
<b>Unknown</b>	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0						

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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 740 beneficiaries who were in nursing facilities for part of their enrollment and their 7,088 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](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<sup>a, b, c, d</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 2001

Beneficiary Characteristics	DERMATOLOGICAL						ANTINEOPLASTICS						MISC. ENDOCRINE					
	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
<b>All</b>	<b>1,968</b>	<b>20,158</b>	<b>0.2</b>	<b>128</b>	<b>1,012</b>	<b>0.6</b>	<b>128</b>	<b>1,012</b>	<b>0.6</b>	<b>267</b>	<b>2,777</b>	<b>0.6</b>	<b>267</b>	<b>2,777</b>	<b>0.6</b>	<b>267</b>	<b>2,777</b>	<b>0.6</b>
<b>Female</b>	1,236	12,635	0.2	95	776	0.7	95	776	0.7	240	2,491	0.6	240	2,491	0.6	240	2,491	0.6
<b>Disabled</b>	143	1,639	0.2	5	40	0.8	5	40	0.8	21	244	0.6	21	244	0.6	21	244	0.6
64 or younger	106	1,239	0.2	2	24	1.0	2	24	1.0	13	151	0.6	13	151	0.6	13	151	0.6
65-74	27	315	0.2	1	3	0.7	1	3	0.7	5	60	0.6	5	60	0.6	5	60	0.6
75-84	3	27	0.2	1	1	2.0	1	1	2.0	0	0	0.0	0	0	0.0	0	0	0.0
85 and older	7	58	0.2	1	12.5	0.3	1	12.5	0.3	3	33	0.8	3	33	0.8	3	33	0.8
<b>Other Eligibles</b>	1,093	10,996	0.2	90	736	0.7	90	736	0.7	219	2,247	0.6	219	2,247	0.6	219	2,247	0.6
64 or younger	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
65-74	95	1,001	0.2	8	87	0.6	8	87	0.6	13	131	0.7	13	131	0.7	13	131	0.7
75-84	437	4,560	0.2	36	289	0.8	36	289	0.8	87	928	0.6	87	928	0.6	87	928	0.6
85 and older	561	5,435	0.2	46	360	0.6	46	360	0.6	119	1,188	0.6	119	1,188	0.6	119	1,188	0.6
<b>Male</b>	732	7,523	0.2	33	236	0.5	33	236	0.5	27	286	0.7	27	286	0.7	27	286	0.7
<b>Disabled</b>	198	2,244	0.2	2	24	0.5	2	24	0.5	10	112	0.9	10	112	0.9	10	112	0.9
64 or younger	162	1,882	0.2	2	24	0.5	2	24	0.5	8	96	1.0	8	96	1.0	8	96	1.0
65-74	23	236	0.3	0	0	0.0	0	0	0.0	2	16	0.5	2	16	0.5	2	16	0.5
75-84	9	102	0.1	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
85 and older	4	133.3	0.3	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
<b>Other Eligibles</b>	534	5,279	0.3	31	212	0.5	31	212	0.5	17	174	0.6	17	174	0.6	17	174	0.6
64 or younger	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
65-74	105	1,092	0.3	5	47	0.3	5	47	0.3	5	58	0.4	5	58	0.4	5	58	0.4
75-84	248	2,484	0.3	7	85	0.5	7	85	0.5	7	68	0.8	7	68	0.8	7	68	0.8
85 and older	181	1,703	0.2	16	80	0.7	16	80	0.7	5	48	0.7	5	48	0.7	5	48	0.7
<b>Unknown</b>	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
<b>Mean Rx \$</b>			<b>\$7</b>			<b>\$99</b>			<b>\$99</b>			<b>\$40</b>			<b>\$40</b>			<b>\$40</b>
<b>Residents</b>			<b>90.1 %</b>			<b>5.9 %</b>			<b>12.2 %</b>			<b>12.2 %</b>			<b>12.2 %</b>			<b>12.2 %</b>

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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 740 beneficiaries who were in nursing facilities for part of their enrollment and their 7,088 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](http://www.Medi-Span.com/products/product_mddb.asp) (May 13 2003).

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<sup>a, b, c, d</sup>  
DUAL ELIGIBLE BENEFICIARIES, HAWAII, 2001

Beneficiary Characteristics	CALCIUM BLOCKERS										ANALGESICS - Narcotic									
	Users as %					Users as %					Users as %					Users as %				
	No. of Users	No. of Users	Residents	NF	All-Year	No. of Bene Mos among Users	Mean Rx	Mean Rx	No. of Rx	Mean Rx	No. of Bene Mos among Users	Mean Rx	Mean Rx	No. of Rx	Mean Rx	No. of Bene Mos among Users	All-Year NF Residents	Year NF Residents	Bene Mos among All-Year NF Residents	
<b>All</b>	<b>295</b>	<b>13.5 %</b>	<b>2,791</b>	<b>0.9</b>	<b>\$37</b>	<b>456</b>	<b>20.9 %</b>	<b>3,560</b>	<b>0.4</b>	<b>\$27</b>	<b>2,185</b>	<b>17,550</b>								
<b>Female</b>	218	15.2	2,081	0.9	39	312	21.8	2,426	0.5	26	1,433	11,656								
<b>Disabled</b>	17	13.8	188	0.9	46	29	23.6	284	0.5	20	123	1,271								
64 or younger	12	14.3	128	0.8	46	21	25.0	232	0.4	22	84	941								
65-74	4	16.7	48	0.8	35	1	4.2	12	1.0	14	24	243								
75-84	1	14.3	12	1.0	62	3	42.9	17	0.5	5	7	43								
85 and older	0	0.0	0	0.0	0	4	50.0	23	0.5	10	8	44								
<b>Other Eligibles</b>	201	15.3	1,893	0.9	38	283	21.6	2,142	0.5	26	1,310	10,385								
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0								
65-74	16	19.3	158	0.8	32	22	26.5	171	0.3	10	83	712								
75-84	81	16.8	788	0.9	40	106	22.0	912	0.5	28	481	4,118								
85 and older	104	13.9	947	0.9	38	155	20.8	1,059	0.5	28	746	5,555								
<b>Male</b>	77	10.2	710	0.9	33	144	19.1	1,134	0.4	29	752	5,894								
<b>Disabled</b>	13	8.8	131	0.9	36	26	17.7	263	0.4	23	147	1,501								
64 or younger	10	8.5	105	0.9	36	22	18.8	226	0.4	24	117	1,275								
65-74	2	9.1	14	0.6	20	4	18.2	37	0.4	12	22	153								
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	5	54								
85 and older	1	33.3	12	0.7	25	0	0.0	0	0.0	0	3	19								
<b>Other Eligibles</b>	64	10.6	579	0.9	32	118	19.5	871	0.4	31	605	4,393								
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0								
65-74	10	10.9	100	1.1	47	15	16.3	144	0.3	16	92	748								
75-84	31	12.4	283	1.0	32	51	20.5	402	0.4	39	249	1,952								
85 and older	23	8.7	196	0.8	26	52	19.7	325	0.5	28	264	1,693								
<b>Unknown</b>	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0								

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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 740 beneficiaries who were in nursing facilities for part of their enrollment and their 7,088 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](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<sup>a,b</sup>  
 HAWAII, 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	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
	<b>16,483</b>	<b>68.2 %</b>	<b>6.9</b>	<b>167,561</b>	<b>\$72</b>	<b>\$1,743,880</b>	<b>\$10</b>	<b>4.5 %</b>	<b>24,174</b>
<b>Age</b>									
5 and younger	1	100.0	36.0	36	500	500	14	9.7	1
6-14	0	0.0	0.0	0	0	0	0	0.0	2
15-20	16	51.6	1.6	49	323	323	7	1.9	31
21-44	1,646	53.8	4.2	12,962	207,252	207,252	16	2.8	3,061
45-64	2,735	66.6	7.2	29,725	370,617	370,617	12	3.5	4,109
65-74	4,677	67.2	5.9	40,886	406,149	406,149	10	4.3	6,965
75-84	4,961	72.8	7.3	49,848	466,132	466,132	9	5.5	6,810
85 and older	2,447	76.6	10.7	34,055	292,907	292,907	9	10.2	3,195
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Basis of Eligibility<sup>c</sup></b>									
Aged	11,052	71.2	7.3	113,754	1,043,208	1,043,208	9	5.6	15,533
Disabled	5,415	63.5	6.3	53,734	699,643	699,643	13	3.4	8,525
Adults	16	13.9	0.6	73	1,029	1,029	14	4.7	115
Children	0	0.0	0.0	0	0	0	0	0.0	1
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Gender</b>									
Female	10,273	72.3	7.7	110,109	1,109,860	1,109,860	10	5.1	14,213
Male	6,210	62.3	5.8	57,452	634,020	634,020	11	3.7	9,961
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Race</b>									
White	3,004	63.1	7.0	33,410	400,342	400,342	12	3.8	4,758
African American	128	55.7	5.3	1,215	13,029	13,029	11	3.0	230
Other/unknown	13,351	69.6	6.9	132,936	1,330,509	1,330,509	10	4.8	19,186
<b>Use of Nursing Facilities<sup>d</sup></b>									
Entire year	2,098	96.0	20.0	43,657	391,312	391,312	9	14.3	2,185
Part year	691	93.4	13.5	10,010	91,069	91,069	9	8.1	740
None	13,694	64.4	5.4	113,894	1,261,499	1,261,499	11	3.6	21,249
<b>Maintenance Assistance Status</b>									
Cash	7,651	71.4	6.5	70,203	751,961	751,961	11	4.0	10,720
Medically needy	1,688	78.5	12.7	27,399	254,164	254,164	9	9.7	2,149
Poverty related	7,083	63.5	6.2	69,386	732,148	732,148	11	4.1	11,147
Other/unknown	61	38.6	3.6	573	5,607	5,607	10	4.2	158

Table D11

Dual Eligible Beneficiaries

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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<sup>a,b</sup>  
 HAWAII, 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
	0.7	\$7	\$10	\$0	\$1	245,560
<b>Age</b>						
5 and younger	3.0	42	14	0	2	12
6-14	0.0	0	0	0	0	24
15-20	0.2	1	7	0	0	319
21-44	0.4	6	16	0	3	32,320
45-64	0.7	9	12	0	3	42,697
65-74	0.6	6	10	0	1	72,029
75-84	0.7	7	9	0	0	69,817
85 and older	1.2	10	9	0	0	28,342
Unknown	0.0	0	0	0	0	0
<b>Basis of Eligibility<sup>c</sup></b>						
Aged	0.7	7	9	0	0	155,216
Disabled	0.6	8	13	0	3	90,016
Adults	0.2	3	14	0	1	327
Children	0.0	0	0	0	0	1
Unknown	0.0	0	0	0	0	0
<b>Gender</b>						
Female	0.8	8	10	0	1	146,054
Male	0.6	6	11	0	1	99,506
Unknown	0.0	0	0	0	0	0
<b>Race</b>						
White	0.7	8	12	0	3	47,682
African American	0.5	6	11	0	1	2,215
Other/unknown	0.7	7	10	0	1	195,663
<b>Use of Nursing Facilities<sup>d</sup></b>						
Entire year	2.5	22	9	0	1	17,550
Part year	1.4	13	9	0	1	7,088
None	0.5	6	11	0	1	220,922
<b>Maintenance Assistance Status</b>						
Cash	0.6	6	11	0	1	116,796
Medically needy	1.7	16	9	0	1	16,200
Poverty related	0.6	7	11	0	1	111,664
Other/unknown	0.6	6	10	0	2	900

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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<sup>a,b,c</sup>  
 HAWAII, 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
<b>All</b>	<b>25,555</b>	<b>\$68</b>	<b>\$1,743,880</b>	<b>100.0 %</b>	<b>167,561</b>	<b>\$10</b>	<b>100.0 %</b>
Anorexia or weight loss/gain	56	115	6,427	0.4	136	47	0.1
Fertility drugs	4	23	93	0.0	4	23	0.0
Drugs for cosmetic purposes	44	628	27,623	1.6	183	151	0.1
Cough and cold medications	5,290	42	221,721	12.7	12,993	17	7.8
Vitamins and minerals	2,269	107	243,468	14.0	10,785	23	6.4
Non-prescription drugs	13,793	62	852,926	48.9	122,336	7	73.0
Barbiturates	209	63	13,149	0.8	1,948	7	1.2
Benzodiazepines	2,880	106	304,750	17.5	16,157	19	9.6
Other Part D Excl Rx Drugs	1,010	73	73,723	4.2	3,019	24	1.8

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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 1D  
 MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 75 TO 84<sup>a, b</sup>  
 HAWAII, 2001

Total Number of Dual Eligible Beneficiaries, Age 75-84 6,810  
 Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 75-84 \$8,517,143  
 Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 75-84 \$1,251

Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	Percent of Dual Beneficiaries, Age 75-84	Pharmacy Reimbursement	Percent of Total Pharmacy Reimbursement
\$0	776	11.4 %	0	0.0 %
1-500	1,892	27.8	393,483	4.6
501-1,000	1,133	16.6	832,030	9.8
1,001-1,500	864	12.7	1,063,817	12.5
1,501-2,000	629	9.2	1,091,243	12.8
2,001-2,500	461	6.8	1,030,118	12.1
2,501-3,000	330	4.8	901,670	10.6
3,001-3,500	245	3.6	790,619	9.3
3,501-4,000	129	1.9	484,287	5.7
4,001-4,500	86	1.3	365,678	4.3
4,501-5,000	82	1.2	389,883	4.6
5,001-5,500	61	0.9	319,754	3.8
5,501-6,000	38	0.6	217,148	2.5
6,001-6,500	28	0.4	173,544	2.0
6,501-7,000	14	0.2	94,159	1.1
7,001-7,500	13	0.2	95,364	1.1
7,501-8,000	5	0.1	38,919	0.5
8,001-8,500	8	0.1	65,786	0.8
8,501-9,000	4	0.1	34,866	0.4
9,001-9,500	1	0.0	9,017	0.1
9,501-10,000	3	0.0	28,911	0.3
10,001+	8	0.1	96,847	1.1

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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<sup>a, b</sup>  
DUAL ELIGIBLE BENEFICIARIES, HAWAII, 2001

Beneficiary Characteristics	No. of Benes					No. of Bene Mos					
	All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children	Unknown
<b>All</b>	<b>24,482</b>	<b>15,541</b>	<b>8,691</b>	<b>248</b>	<b>2</b>	<b>251,388</b>	<b>156,418</b>	<b>92,947</b>	<b>2,002</b>	<b>21</b>	<b>0</b>
<b>Age</b>											
5 and younger	2	0	1	0	1	24	0	12	0	12	0
6-14	2	0	2	0	0	24	0	24	0	0	0
15-20	31	0	30	0	1	339	0	330	0	9	0
21-44	3,193	0	3,098	95	0	34,368	0	33,647	721	0	0
45-64	4,234	0	4,115	119	0	44,696	0	43,672	1,024	0	0
65-74	7,011	5,811	1,166	34	0	73,600	60,941	12,402	257	0	0
75-84	6,813	6,596	217	0	0	69,964	67,678	2,286	0	0	0
85 and older	3,196	3,134	62	0	0	28,373	27,799	574	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>Gender</b>											
Female	14,354	10,218	4,032	102	2	148,932	104,401	43,663	847	21	0
Male	10,128	5,323	4,659	146	0	102,456	52,017	49,284	1,155	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0
<b>Race</b>											
White	4,872	2,101	2,680	91	0	49,605	20,666	28,230	709	0	0
African American	238	74	153	11	0	2,361	751	1,516	94	0	0
Other/unknown	19,372	13,366	5,858	146	2	199,422	135,001	63,201	1,199	21	0
<b>Use of Nursing Facilities<sup>c</sup></b>											
Entire year	2,186	1,916	270	0	0	17,594	14,813	2,781	0	0	0
Part year	743	617	125	1	0	7,131	5,775	1,345	11	0	0
None	21,553	13,008	8,296	247	2	226,663	135,830	88,821	1,991	21	0
<b>Maintenance Assistance Status</b>											
Cash	10,806	6,621	4,151	34	0	118,508	72,235	46,006	267	0	0
Medically needy	2,155	1,737	418	0	0	16,284	12,746	3,538	0	0	0
Poverty related	11,221	7,155	4,065	0	1	114,021	71,169	42,843	0	9	0
Other/unknown	300	28	57	214	1	2,575	268	560	1,735	12	0
<b>Dual Status<sup>d</sup></b>											
Full dual, all year	24,155	15,445	8,460	248	2	248,164	155,461	90,680	2,002	21	0
Full dual, part year	327	96	231	0	0	3,224	957	2,267	0	0	0
<b>Managed Care Status</b>											
FFS all year	23,636	15,332	8,280	24	0	242,760	154,146	88,528	86	0	0
FFS part year, with Rx claims	380	159	199	21	1	4,186	1,812	2,162	203	9	0
FFS part year, no Rx claims	160	42	47	71	0	1,476	411	487	578	0	0
MC all year, with Rx claims	132	3	125	4	0	1,498	36	1,426	36	0	0
MC all year, no Rx claims	166	0	37	128	1	1,447	0	336	1,099	12	0
Unknown	8	5	3	0	0	21	13	8	0	0	0



Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. This table was produced on 09/19/2006.

a. Table A.3 includes the beneficiaries represented by Cell F of Table 1. Benefit months are months during which beneficiaries had pharmacy benefit coverage.

b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.

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

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

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

APPENDIX TABLE A.4  
 MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS<sup>a</sup>  
 DUAL ELIGIBLE BENEFICIARIES, HAWAII, 2001

Beneficiary Characteristics	Bene Mos in Cell F of Table 1		Included in Cell G of Table 1		Excluded from Cell G of Table 1	
	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos
<b>All</b>	<b>24,482</b>	<b>251,388</b>	<b>24,174</b>	<b>245,560</b>	<b>2</b>	<b>5,828</b>
FFS all year	23,636	242,760	23,636	242,612	0	148
FFS part year, with Rx claims	380	4,186	379	2,397	1	1,789
FFS part year, with no Rx claims	160	1,476	159	551	1	925
MC all year, with Rx claims	132	1,498	0	0	0	1,498
MC all year, with no Rx claims	166	1,447	0	0	0	1,447
Unknown	8	21	0	0	0	21

Source: Data for this table are from the MAX 2001 file for Hawaii, released by CMS in 07/2005. 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.