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STATISTICAL COMPENDIUM:  
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2007  
IOWA

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TABLE ND.2  
CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY<sup>a, b</sup>  
NONDUAL BENEFICIARIES, IOWA, 2007

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
<b>All</b>	<b>401,599</b>	<b>994</b>	<b>34,858</b>	<b>132,501</b>	<b>232,963</b>	<b>283</b>	<b>3,562,630</b>	<b>6,631</b>	<b>379,665</b>	<b>1,047,408</b>	<b>2,126,390</b>	<b>2,536</b>
<b>Age</b>												
5 and younger	97,489	0	2,322	199	94,968	0	859,347	0	23,556	1,658	834,133	0
6-14	97,671	0	5,909	97	91,665	0	956,064	0	66,634	846	888,584	0
15-20	62,222	0	4,775	13,006	44,439	2	550,946	0	52,972	107,117	390,848	9
21-44	112,956	1	10,273	100,799	1,833	50	915,213	12	113,221	789,256	12,365	359
45-64	30,162	8	11,528	18,338	58	230	273,807	52	122,965	148,169	460	2,161
65-74	415	305	48	61	0	1	3,248	2,605	286	350	0	7
75-84	322	320	2	0	0	0	2,268	2,244	24	0	0	0
85 and older	362	360	1	1	0	0	1,737	1,718	7	12	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Gender</b>												
Female	238,809	633	17,278	103,596	117,019	283	2,103,368	4,157	189,504	839,631	1,067,540	2,536
Male	162,790	361	17,580	28,905	115,944	0	1,459,262	2,474	190,161	207,777	1,058,850	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Race</b>												
White	207,024	426	23,194	62,061	121,288	55	1,908,050	2,553	259,602	505,852	1,139,573	470
African American	28,533	46	3,327	7,734	17,420	6	261,814	449	36,195	61,949	163,165	56
Other/unknown	166,042	522	8,337	62,706	94,255	222	1,392,766	3,629	83,868	479,607	823,652	2,010
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	448	100	340	2	6	0	4,826	1,006	3,741	7	72	0
Part year	603	86	494	14	8	1	6,158	714	5,217	130	85	12
None	400,548	808	34,024	132,485	232,949	282	3,551,646	4,911	370,707	1,047,271	2,126,233	2,524
<b>Maintenance Assistance Status</b>												
Cash	132,354	224	25,610	42,718	63,802	0	1,252,627	2,174	279,336	359,959	611,158	0
Medically needy	6,094	106	303	4,664	1,021	0	47,064	894	2,110	36,248	7,812	0
Poverty-related	133,930	5	18	12,581	121,043	283	1,155,192	60	91	81,417	1,071,088	2,536
Other/unknown	129,221	659	8,927	72,538	47,097	0	1,107,747	3,503	98,128	569,784	436,332	0
<b>Managed Care (MC) Status</b>												
Fee-for-service (FFS) all year	395,327	994	34,809	130,660	228,583	281	3,521,994	6,631	379,361	1,036,500	2,096,980	2,522
FFS part year, with Rx claims	2,633	0	43	1,001	1,587	2	10,837	0	274	4,126	6,423	14
FFS part year, no Rx claims	1,179	0	6	227	946	0	4,193	0	30	789	3,374	0

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.  
a. Table ND.2 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.  
b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.  
c. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.  
Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; Rx = pharmacy benefit.

TABLE ND.3  
ANNUAL MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>  
NONDUAL BENEFICIARIES, IOWA, 2007

Beneficiary Characteristics	Percentage with at Least One Rx	Mean Number of Rx	Mean Rx \$	\$ per Rx	Mean \$, All Medicaid FFS \$ <sup>c</sup>	Rx \$ as a Percentage of All Medicaid FFS \$ <sup>d</sup>	Number of Beneficiaries
<b>All</b>	<b>57.4</b>	<b>7.3</b>	<b>\$524</b>	<b>\$72</b>	<b>\$3,378</b>	<b>15.5</b>	<b>401,599</b>
<b>Age</b>							
5 and younger	67.0	3.5	214	60	2,251	9.5	97,489
6-14	59.4	5.3	464	87	2,314	20.0	97,671
15-20	53.9	6.1	496	81	3,482	14.2	62,222
21-44	52.4	8.3	538	65	4,054	13.3	112,956
45-64	46.8	24.5	1,721	70	7,539	22.8	30,162
65-74	49.6	19.2	1,084	56	9,787	11.1	415
75-84	34.2	8.1	306	38	7,608	4.0	322
85 and older	20.2	3.6	110	30	7,238	1.5	362
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Basis of Eligibility<sup>e</sup></b>							
Aged	36.0	11.1	545	49	8,688	6.3	994
Disabled	84.5	35.3	3,151	89	19,657	16.0	34,858
Adults	44.4	5.4	275	51	1,980	13.9	132,501
Children	60.9	4.1	271	66	1,699	15.9	232,963
Unknown	86.6	25.1	1,601	64	16,468	9.7	283
<b>Gender</b>							
Female	57.2	7.7	486	63	3,143	15.4	238,809
Male	57.8	6.7	580	86	3,723	15.6	162,790
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Race</b>							
White	65.1	9.9	731	74	4,307	17.0	207,024
African American	58.5	5.9	436	74	2,939	14.8	28,533
Other/unknown	47.6	4.2	280	66	2,295	12.2	166,042
<b>Use of Nursing Facilities<sup>f</sup></b>							
Entire year	86.2	83.0	6,083	73	68,309	8.9	448
Part year	92.0	78.4	5,268	67	61,792	8.5	603
None	57.3	7.1	510	72	3,218	15.9	400,548
<b>Maintenance Assistance Status</b>							
Cash	72.9	12.6	914	73	4,855	18.8	132,354
Medically needy	39.2	7.1	452	64	3,514	12.9	6,094
Poverty related	57.8	3.3	190	57	1,473	12.9	133,930
Other/unknown	42.0	6.0	473	79	3,834	12.3	129,221

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Table ND.3 includes beneficiaries represented by Cell K of Table 1.

b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. In eight states (DE, IA, IL, NE, NY, TN, TX, and WV) the expenditures in this column include only Rx drug expenditures for those enrolled in capitated managed care plans, and not expenditures for other services covered by the plans or long-term-care services not covered by the plans. As a result, the amounts shown in this column for all Medicaid fee-for-service expenditures are lower than they would otherwise be.

d. In eight states (DE, IA, IL, NE, NY, TN, TX, and WV) the Rx share of expenditures for all Medicaid services shown in this column is higher than it would be if all expenditures for these other services, including services provided in capitated managed care plans and long-term-care services, were included.

e. 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.

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

Bene(s) = beneficiary (or beneficiaries); CMS = Centers for Medicare & Medicaid Services; FFS = fee-for-service; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.4  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2007

Beneficiary Characteristics	Number of Rx, Percentage with:										Number	
	Mean Number of Rx	Mean Rx \$	Rx \$ as a Percentage of All Medicaid FFS \$ <sup>c</sup>	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	Mean \$, All Medicaid FFS \$ <sup>d</sup>	Beneficiaries	Benefit Months
<b>All</b>	<b>0.8</b>	<b>\$59</b>	<b>15.5</b>	<b>42.6</b>	<b>44.7</b>	<b>5.3</b>	<b>5.0</b>	<b>1.9</b>	<b>0.6</b>	<b>\$381</b>	<b>401,599</b>	<b>3,562,630</b>
<b>Age</b>												
5 and younger	0.4	24	9.5	33.0	62.7	3.1	1.1	0.1	0.0	255	97,489	859,347
6-14	0.5	47	20.0	40.6	49.7	4.8	4.2	0.7	0.1	236	97,671	956,064
15-20	0.7	56	14.2	46.1	41.8	5.9	5.0	1.1	0.1	393	62,222	550,946
21-44	1.0	66	13.3	47.6	35.2	7.1	6.9	2.5	0.6	500	112,956	915,213
45-64	2.7	190	22.8	53.2	12.0	5.8	13.0	11.2	4.8	831	30,162	273,807
65-74	2.5	139	11.1	50.4	17.3	5.8	12.8	9.6	4.1	1,251	415	3,248
75-84	1.1	43	4.0	65.8	15.8	5.6	8.7	3.4	0.6	1,080	322	2,268
85 and older	0.7	23	1.5	79.8	13.3	2.2	2.5	1.9	0.3	1,509	362	1,737
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>e</sup></b>												
Aged	1.7	82	6.3	64.0	16.8	4.6	7.8	4.8	1.9	1,302	994	6,631
Disabled	3.2	289	16.0	15.5	30.7	11.5	22.3	14.7	5.3	1,805	34,858	379,665
Adults	0.7	35	13.9	55.6	32.0	5.9	4.9	1.4	0.2	251	132,501	1,047,408
Children	0.5	30	15.9	39.1	54.1	4.0	2.4	0.3	0.0	186	232,963	2,126,390
Unknown	2.8	179	9.7	13.4	25.4	21.6	28.6	10.6	0.4	1,838	283	2,536
<b>Gender</b>												
Female	0.9	55	15.4	42.8	43.8	5.5	5.0	2.1	0.7	357	238,809	2,103,368
Male	0.8	65	15.6	42.2	45.9	4.9	5.0	1.6	0.4	415	162,790	1,459,262
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
<b>Race</b>												
White	1.1	79	17.0	34.9	47.6	6.9	6.9	2.8	0.9	467	207,024	1,908,050
African American	0.6	48	14.8	41.5	48.2	4.6	3.9	1.4	0.4	320	28,533	261,814
Other/unknown	0.5	33	12.2	52.4	40.4	3.5	2.7	0.9	0.2	274	166,042	1,392,766
<b>Use of Nursing Facilities<sup>f</sup></b>												
Entire year	7.7	565	8.9	13.8	9.8	2.9	11.4	34.4	27.7	6,341	448	4,826
Part year	7.7	516	8.5	8.0	9.1	5.6	19.9	31.2	26.2	6,051	603	6,158
None	0.8	58	15.9	42.7	44.7	5.3	4.9	1.8	0.5	363	400,548	3,551,646
<b>Maintenance Assistance Status</b>												
Cash	1.3	97	18.8	27.1	51.7	7.6	8.3	4.0	1.3	513	132,354	1,252,627
Medically needy	0.9	59	12.9	60.8	23.4	6.0	6.7	2.4	0.6	455	6,094	47,064
Poverty related	0.4	22	12.9	42.2	52.3	3.6	1.7	0.2	0.0	171	133,930	1,155,192
Other/unknown	0.7	55	12.3	58.0	30.5	4.7	4.9	1.6	0.3	447	129,221	1,107,747

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Table ND.4 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. In eight states (DE, IA, IL, NE, NY, TN, TX, and WV) the expenditures in this column include only Rx drug expenditures for those enrolled in capitated managed care plans, and not expenditures for other services covered by the plans or long-term-care services not covered by the plans. As a result, the amounts shown in this column for all Medicaid fee-for-service expenditures are lower than they would otherwise be.

d. In eight states (DE, IA, IL, NE, NY, TN, TX, and WV) the Rx share of expenditures for all Medicaid services shown in this column is higher than it would be if all expenditures for these other services, including services provided in capitated managed care plans and long-term-care services, were included.

e. 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.

f. 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 = Centers for Medicare & Medicaid Services; FFS = fee-for-service; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.5  
AVERAGE MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC<sup>a, b, c</sup>  
NONDUAL BENEFICIARIES, IOWA, 2007

Beneficiary Characteristics	All Rx			Patented Brand-Name Drugs			Off-Patent Brand-Name Drugs			Generic Drugs		
	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx
<b>All</b>	<b>0.8</b>	<b>\$59</b>	<b>\$72</b>	<b>0.3</b>	<b>\$43</b>	<b>\$163</b>	<b>0.1</b>	<b>\$8</b>	<b>\$89</b>	<b>0.5</b>	<b>\$8</b>	<b>\$16</b>
<b>Age</b>												
5 and younger	0.4	24	60	0.1	16	189	0.1	4	60	0.2	4	15
6-14	0.5	47	87	0.3	39	152	0.1	5	91	0.2	4	17
15-20	0.7	56	81	0.3	43	169	0.1	7	85	0.3	6	16
21-44	1.0	66	65	0.3	47	164	0.1	10	95	0.6	10	16
45-64	2.7	190	70	0.8	136	160	0.2	25	112	1.6	29	18
65-74	2.5	139	56	0.7	96	132	0.2	22	90	1.5	21	14
75-84	1.1	43	38	0.2	26	111	0.1	8	73	0.8	9	11
85 and older	0.7	23	30	0.1	13	92	0.1	3	51	0.5	6	12
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	1.7	82	49	0.4	55	125	0.2	13	82	1.1	13	13
Disabled	3.2	289	89	1.1	223	194	0.3	33	111	1.8	33	19
Adults	0.7	35	51	0.2	22	133	0.1	6	86	0.4	6	14
Children	0.5	30	66	0.2	22	137	0.1	4	73	0.2	4	16
Unknown	2.8	179	64	0.7	131	175	0.2	20	100	1.9	28	15
<b>Gender</b>												
Female	0.9	55	63	0.3	38	150	0.1	9	87	0.5	8	16
Male	0.8	65	86	0.3	51	179	0.1	7	95	0.4	7	17
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Race</b>												
White	1.1	79	74	0.4	59	162	0.1	11	94	0.6	10	17
African American	0.6	48	74	0.2	36	177	0.1	5	91	0.4	6	16
Other/unknown	0.5	33	66	0.1	24	160	0.1	5	79	0.3	5	16
<b>Use of Nursing Facilities<sup>e</sup></b>												
Entire year	7.7	565	73	2.4	412	174	0.6	66	105	4.7	82	18
Part year	7.7	516	67	2.2	363	166	0.6	65	108	4.9	86	18
None	0.8	58	72	0.3	42	162	0.1	8	89	0.5	7	16
<b>Maintenance Assistance Status</b>												
Cash	1.3	97	73	0.4	71	168	0.1	13	97	0.8	13	17
Medically needy	0.9	59	64	0.3	41	157	0.1	9	101	0.6	9	15
Poverty related	0.4	22	57	0.1	15	131	0.1	4	70	0.2	3	15
Other/unknown	0.7	55	79	0.3	42	167	0.1	7	89	0.4	6	16

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Table ND.5 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

b. The Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.

c. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In Iowa, 0.3 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/master-drug-database.aspx>.

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

TABLE ND.6  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2007

Therapeutic Category	Number of Rx per Benefit Month Among Users				\$ per Benefit Month Among Users				\$ per Rx				Users <sup>e</sup>				
	Patented Brand-Name		Off-Patent Brand-Name Generic		Patented Brand-Name		Off-Patent Brand-Name Generic		Patented Brand-Name		Off-Patent Brand-Name Generic		Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All Benes	Number of Benefit Months
	Total	Name	Total	Name	Total	Name	Total	Name	Total	Name							
Anti-infective Agents	0.2	0.0	0.0	0.2	\$10	\$4	\$3	\$3	\$42	\$176	\$74	\$18	423,714	\$17,600,903	164,235	40.9	1,703,708
Biologicals	0.3	0.3	0.0	0.0	294	294	0	0	1099	1,099	0	0	6,422	7,060,228	2,289	0.6	24,052
Antineoplastic Agents	0.6	0.2	0.0	0.4	152	138	3	11	266	818	520	28	5,482	1,457,082	893	0.2	9,563
Endocrine/Metabolic Drugs	0.4	0.1	0.1	0.2	25	15	7	2	58	135	63	12	266,141	15,504,270	59,628	14.8	625,249
Cardiovascular Agents	1.1	0.2	0.1	0.7	37	21	8	8	35	93	66	11	284,334	9,979,052	25,268	6.3	270,048
Respiratory Agents	0.4	0.2	0.0	0.1	26	22	2	2	73	99	84	16	314,664	22,868,981	82,595	20.6	872,228
Gastrointestinal Agents	0.4	0.1	0.0	0.3	29	17	7	4	69	153	148	17	133,162	9,225,761	30,450	7.6	321,728
Genitourinary Agents	0.2	0.1	0.1	0.1	15	9	4	2	60	100	70	19	29,210	1,749,132	11,245	2.8	117,463
CNS Drugs	1.0	0.4	0.1	0.5	97	80	9	8	101	191	125	17	548,010	55,534,100	54,656	13.6	571,709
Stimulants/Anti-obesity/Anorexia	0.8	0.6	0.0	0.1	83	77	2	3	108	125	92	28	178,691	19,382,358	21,588	5.4	233,256
Miscellaneous Psychological/Neurological Agents	0.4	0.4	0.0	0.0	178	175	0	3	436	469	0	92	5,181	2,258,953	1,173	0.3	12,697
Analgesics and Anesthetics	0.4	0.0	0.0	0.4	14	6	2	6	35	267	287	16	291,119	10,247,694	69,867	17.4	720,562
Neuromuscular Agents	0.7	0.3	0.1	0.4	69	53	9	7	97	177	163	20	195,594	19,032,462	25,740	6.4	275,186
Nutritional Products	0.3	0.0	0.0	0.3	5	0	0	4	15	35	69	13	45,613	676,507	13,910	3.5	136,844
Hematological Agents	0.6	0.2	0.0	0.4	231	225	2	5	368	1,113	36	14	25,826	9,512,730	3,877	1.0	41,096
Topical Products	0.2	0.0	0.0	0.1	7	4	1	2	38	95	70	14	162,473	6,125,594	81,982	20.4	866,797
Miscellaneous Products	0.4	0.2	0.0	0.1	111	96	5	10	282	416	220	71	6,123	1,724,443	1,385	0.3	15,540
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	14	0	0	0	77	0	0	0	4,612	356,130	2,254	0.6	24,617
<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.	2,926,371	210,296,380	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Table ND.6 includes the beneficiaries represented by Cell K of Table 1. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. For information about these therapeutic categories, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

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 Iowa, 0.3 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/master-drug-database.aspx>.

e. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2007.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.7  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2007

Top 10 Drug Groups	Total Medicaid Rx \$	Users		Among Users			
		Number of Users	As a Percentage of All Beneficiaries	Number of Benefit Months	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month
ANTIPSYCHOTICS	\$35,663,310	21,817	5.4	240,396	0.7	\$225	\$148
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	19,211,913	25,407	6.3	277,581	0.6	109	69
ANTIASTHMATIC	17,799,961	69,022	17.2	739,618	0.3	87	24
ANTICONVULSANT	17,621,608	18,832	4.7	206,312	0.7	127	85
ANTIDEPRESSANTS	16,857,281	52,914	13.2	561,183	0.5	62	30
MISC. HEMATOLOGICAL	8,175,852	1,104	0.3	11,981	0.6	1,115	682
ULCER DRUGS	7,033,654	27,507	6.8	292,807	0.3	71	24
PASSIVE IMMUNIZING AGENTS	7,012,601	1,134	0.3	10,688	0.5	1,350	656
ANTIDIABETIC	6,007,943	10,698	2.7	114,687	0.7	79	52
ANALGESICS - Narcotic	5,363,609	73,084	18.2	766,293	0.3	27	7
Total	140,747,732	301,519	n.a.	3,221,546	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Table ND.7 includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. 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 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement; n.a. = not applicable.

Nondual Beneficiaries

TABLE ND.7A  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS COMBINED  
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2007

Beneficiary Characteristics	All Top 10 Drug Groups			ANTIPSYCHOTICS				STIMULANTS/ANTI-OBESITY/ANOREXIANTS				
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month
<b>All</b>	<b>1,336,121</b>	<b>\$140,747,732</b>	<b>21,817</b>	<b>5.4</b>	<b>240,396</b>	<b>0.7</b>	<b>\$148</b>	<b>25,407</b>	<b>6.3</b>	<b>277,581</b>	<b>0.6</b>	<b>\$69</b>
<b>Female</b>												
All Females	779,770	70,720,772	11,092	4.6	121,957	0.6	133	8,381	3.5	91,780	0.6	66
<b>Female, Disabled</b>												
All Ages	363,614	38,424,926	5,399	31.2	62,102	0.7	177	1,408	8.1	16,292	0.7	77
5 and younger	4,160	1,248,184	13	1.3	156	0.5	67	24	2.4	257	0.3	22
6-14	19,021	2,287,698	367	18.9	4,285	0.7	157	599	30.8	6,943	0.7	76
15-20	22,745	2,783,909	559	30.6	6,440	0.8	155	393	21.5	4,545	0.7	84
45-64	107,354	12,010,081	2,063	38.2	23,675	0.7	177	249	4.6	2,878	0.6	78
45-64	210,145	20,079,135	2,394	33.9	27,524	0.8	185	143	2.0	1,669	0.6	71
65-74	189	15,919	3	13.0	22	0.5	83	0	0.0	0	0.0	0
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>												
All Ages	416,156	32,295,846	5,693	2.6	59,855	0.5	88	6,973	3.1	75,488	0.6	63
5 and younger	24,128	3,690,918	54	0.1	566	0.4	77	229	0.5	2,525	0.4	34
6-14	78,319	7,252,807	1,222	2.7	13,582	0.6	114	4,315	9.5	47,297	0.6	64
15-20	68,678	5,349,589	1,498	4.1	15,832	0.5	99	1,479	4.0	15,931	0.6	63
21-44	210,604	13,398,651	2,629	3.2	26,947	0.3	69	874	1.1	8,957	0.5	64
45-64	31,968	2,433,111	262	2.4	2,647	0.4	90	75	0.7	766	0.6	74
65-74	1,738	128,456	19	8.5	189	0.4	161	1	0.4	12	0.1	1
75-84	435	29,388	6	3.1	60	1.2	252	0	0.0	0	0.0	0
85 and older	286	12,926	3	1.2	32	1.3	70	0	0.0	0	0.0	0
<b>Male</b>												
All Males	556,351	70,026,960	10,725	6.6	118,439	0.7	164	17,026	10.5	185,801	0.7	71
<b>Male, Disabled</b>												
All Ages	266,933	39,451,061	5,648	32.1	64,882	0.8	200	3,449	19.6	39,921	0.7	84
5 and younger	6,777	1,864,513	31	2.4	345	0.6	92	87	6.6	1,007	0.5	32
6-14	52,971	10,232,447	1,357	34.2	15,733	0.8	163	2,102	53.0	24,341	0.8	82
15-20	40,939	8,140,899	1,198	40.6	13,888	0.8	193	948	32.2	10,981	0.8	95
21-44	75,250	10,286,364	1,938	39.8	22,240	0.8	222	270	5.5	3,137	0.7	86
45-64	90,845	8,915,464	1,123	25.2	12,668	0.8	215	42	0.9	455	0.9	81
65-74	151	11,374	1	4.0	8	0.9	252	0	0.0	0	0.0	0
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>												
All Ages	289,418	30,575,899	5,077	3.5	53,557	0.6	121	13,577	9.3	145,880	0.6	67
5 and younger	38,141	5,539,193	193	0.4	2,093	0.4	66	720	1.5	7,850	0.4	36
6-14	141,796	15,120,559	2,638	5.7	28,958	0.7	124	9,983	21.5	108,155	0.6	67
15-20	59,641	6,402,539	1,559	7.6	16,180	0.6	133	2,609	12.7	27,463	0.6	80
21-44	37,535	2,645,457	582	2.7	5,354	0.4	89	242	1.1	2,188	0.5	63
45-64	11,022	777,103	94	1.2	883	0.5	89	23	0.3	224	0.6	81
65-74	981	81,339	8	5.6	67	0.4	84	0	0.0	0	0.0	0
75-84	217	7,603	1	0.8	7	0.3	2	0	0.0	0	0.0	0
85 and older	85	2,106	2	1.7	15	0.2	15	0	0.0	0	0.0	0
<b>Unknown</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.  
 a. Table ND.7A includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. 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 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

Nondual Beneficiaries

TABLE ND.7B  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY,  
 BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2007

Beneficiary Characteristics	ANTIASTHMATIC					ANTICONVULSANT					ANTIDEPRESSANTS				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
<b>All</b>	<b>69,022</b>	<b>17.2</b>	<b>739,618</b>	<b>0.3</b>	<b>\$24</b>	<b>18,832</b>	<b>4.7</b>	<b>206,312</b>	<b>0.7</b>	<b>\$85</b>	<b>52,914</b>	<b>13.2</b>	<b>561,183</b>	<b>0.5</b>	<b>\$30</b>
<b>Female</b>															
All Females	38,029	15.9	407,903	0.3	25	11,815	4.9	128,930	0.6	78	38,160	16.0	403,207	0.5	31
<b>Female, Disabled</b>															
All Ages	8,851	51.2	101,338	0.4	42	6,036	34.9	69,329	0.8	102	11,134	64.4	127,562	0.6	43
5 and younger	444	44.0	4,929	0.2	20	100	9.9	1,109	0.6	68	9	0.9	94	0.4	10
6-14	560	28.8	6,534	0.4	34	425	21.9	4,962	0.9	118	345	17.7	3,995	0.6	20
15-20	478	26.2	5,522	0.3	26	514	28.1	5,952	0.8	128	779	42.6	8,894	0.6	30
21-44	2,354	43.6	27,037	0.4	33	2,222	41.1	25,559	0.8	119	3,964	73.4	45,287	0.6	42
45-64	5,008	70.8	57,283	0.5	50	2,773	39.2	31,728	0.8	83	6,028	85.2	69,233	0.7	46
65-74	7	30.4	33	1.2	115	2	8.7	19	0.3	33	9	39.1	59	0.8	103
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>															
All Ages	29,178	13.2	306,565	0.2	19	5,779	2.6	59,601	0.4	50	27,026	12.2	275,645	0.4	25
5 and younger	8,295	17.9	86,347	0.2	14	115	0.2	1,209	0.4	49	70	0.2	733	0.3	8
6-14	6,590	14.5	72,488	0.3	21	500	1.1	5,494	0.6	71	2,165	4.8	23,811	0.5	17
15-20	3,932	10.7	41,715	0.2	17	901	2.4	9,417	0.4	53	5,298	14.4	55,829	0.4	20
21-44	9,165	11.2	93,742	0.3	20	3,763	4.6	38,522	0.4	45	17,549	21.5	175,899	0.4	26
45-64	1,145	10.6	11,706	0.4	37	471	4.4	4,665	0.5	53	1,870	17.3	18,620	0.5	40
65-74	38	17.0	433	0.5	45	21	9.4	223	0.6	48	51	22.9	553	0.7	39
75-84	4	2.1	48	0.3	20	6	3.1	52	0.3	8	12	6.3	82	0.5	13
85 and older	9	3.7	86	0.2	14	2	0.8	19	0.6	8	11	4.5	118	0.7	25
<b>Male</b>															
All Males	30,993	19.0	331,715	0.3	24	7,017	4.3	77,382	0.7	98	14,754	9.1	157,976	0.5	29
<b>Male, Disabled</b>															
All Ages	5,674	32.3	64,452	0.4	40	4,531	25.8	52,057	0.9	116	6,347	36.1	72,351	0.6	35
5 and younger	728	55.5	8,170	0.3	22	162	12.3	1,818	0.7	100	17	1.3	197	0.4	7
6-14	1,330	33.5	15,568	0.4	32	761	19.2	8,877	0.8	104	979	24.7	11,379	0.6	23
15-20	654	22.2	7,607	0.3	29	781	26.5	9,129	0.9	136	1,005	34.1	11,574	0.7	32
21-44	989	20.3	11,429	0.4	39	1,673	34.3	19,214	0.9	138	2,089	42.9	24,016	0.6	38
45-64	1,962	44.0	21,614	0.5	57	1,153	25.9	13,015	0.8	81	2,251	50.5	25,145	0.6	40
65-74	11	44.0	64	0.4	33	1	4.0	4	1.3	215	6	24.0	40	0.6	29
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>															
All Ages	25,319	17.4	267,263	0.2	20	2,486	1.7	25,325	0.5	61	8,407	5.8	85,625	0.5	23
5 and younger	12,331	25.3	128,095	0.2	16	174	0.4	1,881	0.4	48	127	0.3	1,399	0.3	8
6-14	8,728	18.8	95,860	0.3	23	704	1.5	7,847	0.6	69	3,010	6.5	33,022	0.5	18
15-20	2,626	12.8	27,704	0.3	21	668	3.2	6,872	0.6	74	2,559	12.4	26,131	0.5	26
21-44	1,268	6.0	11,913	0.3	26	741	3.5	6,820	0.4	45	2,166	10.2	19,725	0.4	26
45-64	319	4.1	3,182	0.4	36	188	2.4	1,802	0.5	50	511	6.5	4,987	0.4	31
65-74	35	24.3	382	0.7	91	7	4.9	72	0.5	28	20	13.9	233	0.7	36
75-84	7	5.5	75	0.4	13	3	2.3	19	0.4	22	8	6.3	79	0.5	26
85 and older	5	4.2	52	0.3	18	1	0.8	12	0.1	1	6	5.0	49	0.7	8
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.  
 a. Table ND.7B includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. 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 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

Nondual Beneficiaries

TABLE ND.7C  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,  
 BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2007

Beneficiary Characteristics	MISC. HEMATOLOGICAL					ULCER DRUGS					PASSIVE IMMUNIZING AGENTS				
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
<b>All</b>	<b>1,104</b>	<b>0.3</b>	<b>11,981</b>	<b>0.6</b>	<b>\$682</b>	<b>27,507</b>	<b>6.8</b>	<b>292,807</b>	<b>0.3</b>	<b>\$24</b>	<b>1,134</b>	<b>0.3</b>	<b>10,688</b>	<b>0.5</b>	<b>\$656</b>
<b>Female</b>															
All Females	592	0.2	6,532	0.6	89	18,715	7.8	200,273	0.3	23	536	0.2	4,946	0.5	647
<b>Female, Disabled</b>															
All Ages	480	2.8	5,418	0.6	89	6,610	38.3	75,930	0.5	36	166	1.0	1,752	0.5	640
5 and younger	0	0.0	0	0.0	0	219	21.7	2,410	0.5	38	160	15.8	1,680	0.5	573
6-14	3	0.2	36	0.4	13	240	12.3	2,816	0.5	57	2	0.1	24	0.7	1,240
15-20	2	0.1	24	0.3	3,183	325	17.8	3,776	0.4	30	0	0.0	0	0.0	0
21-44	38	0.7	418	0.4	48	1,939	35.9	22,333	0.4	29	2	0.0	24	0.2	471
45-64	436	6.2	4,931	0.6	78	3,880	54.9	44,554	0.5	38	2	0.0	24	2.2	4,849
65-74	1	4.3	9	1.0	132	7	30.4	41	0.7	29	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>															
All Ages	112	0.1	1,114	0.5	89	12,105	5.5	124,343	0.2	15	370	0.2	3,194	0.5	651
5 and younger	1	0.0	11	0.1	10	1,514	3.3	14,118	0.2	15	367	0.8	3,160	0.5	653
6-14	3	0.0	29	0.2	895	1,133	2.5	12,680	0.2	15	1	0.0	12	0.3	17
15-20	4	0.0	48	0.2	151	2,028	5.5	21,648	0.2	10	0	0.0	0	0.0	0
21-44	46	0.1	465	0.5	61	6,505	8.0	66,354	0.2	15	2	0.0	22	0.3	775
45-64	54	0.5	532	0.5	67	842	7.8	8,664	0.4	26	0	0.0	0	0.0	0
65-74	0	0.0	0	0.0	0	60	26.9	661	0.4	25	0	0.0	0	0.0	0
75-84	4	2.1	29	0.5	60	13	6.8	121	0.3	13	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	10	4.1	97	0.7	41	0	0.0	0	0.0	0
<b>Male</b>															
All Males	512	0.3	5,449	0.6	1,394	8,792	5.4	92,534	0.4	27	598	0.4	5,742	0.5	664
<b>Male, Disabled</b>															
All Ages	375	2.1	4,117	0.7	1,545	3,701	21.1	42,005	0.5	38	189	1.1	2,096	0.5	684
5 and younger	4	0.3	44	0.5	7	288	22.0	3,172	0.4	34	182	13.9	2,012	0.5	659
6-14	11	0.3	132	0.8	27,945	355	9.0	4,166	0.5	56	4	0.1	48	0.8	1,054
15-20	8	0.3	96	0.9	24,156	335	11.4	3,903	0.4	42	1	0.0	12	1.1	2,968
21-44	26	0.5	289	0.7	323	1,099	22.6	12,629	0.5	37	1	0.0	12	1.0	709
45-64	324	7.3	3,542	0.7	73	1,617	36.3	18,101	0.5	35	1	0.0	12	0.5	1,069
65-74	2	8.0	14	0.7	86	7	28.0	34	0.5	19	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>															
All Ages	137	0.1	1,332	0.5	926	5,091	3.5	50,529	0.2	18	409	0.3	3,646	0.5	652
5 and younger	13	0.0	132	0.4	2,883	1,802	3.7	16,816	0.2	15	408	0.8	3,634	0.5	643
6-14	13	0.0	146	0.5	4,192	972	2.1	10,923	0.2	18	1	0.0	12	1.8	3,360
15-20	4	0.0	37	0.4	1,061	748	3.6	7,801	0.2	13	0	0.0	0	0.0	0
21-44	48	0.2	469	0.5	348	1,223	5.8	11,568	0.3	22	0	0.0	0	0.0	0
45-64	54	0.7	495	0.5	66	302	3.8	2,999	0.4	30	0	0.0	0	0.0	0
65-74	3	2.1	29	0.9	117	26	18.1	276	0.6	20	0	0.0	0	0.0	0
75-84	2	1.6	24	1.0	119	16	12.5	129	0.3	5	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	2	1.7	17	0.8	9	0	0.0	0	0.0	0
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.  
 a. Table ND.7C includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. 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 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

Nondual Beneficiaries

TABLE ND.7D  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR NINTH AND TENTH TOP DRUG GROUPS  
 SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2007

Beneficiary Characteristics	ANTIDIABETIC					ANALGESICS - Narcotic					Number of Beneficiaries	Number of Benefit Months
	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes	Number of Benefit Months Among Users	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month		
<b>All</b>	<b>10,698</b>	<b>2.7</b>	<b>114,687</b>	<b>0.7</b>	<b>\$52</b>	<b>73,084</b>	<b>18.2</b>	<b>766,293</b>	<b>0.3</b>	<b>\$7</b>	<b>401,599</b>	<b>3,562,630</b>
<b>Female</b>												
All Females	7,500	3.1	80,695	0.6	51	54,128	22.7	568,634	0.3	7	238,809	2,103,368
<b>Female, Disabled</b>												
All Ages	4,293	24.8	48,991	0.7	58	11,285	65.3	129,155	0.4	18	17,278	189,504
5 and younger	0	0.0	0	0.0	0	98	9.7	1,150	0.1	1	1,010	10,135
6-14	26	1.3	308	0.5	39	227	11.7	2,659	0.1	1	1,944	21,835
15-20	63	3.4	738	0.6	57	464	25.4	5,365	0.1	1	1,827	20,324
21-44	878	16.3	9,961	0.6	52	4,089	75.7	46,784	0.3	12	5,401	59,671
45-64	3,320	47.0	37,954	0.8	60	6,399	90.5	73,144	0.5	24	7,071	77,373
65-74	6	26.1	30	0.6	29	8	34.8	53	0.5	7	23	147
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	12
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	7
<b>Female, Other Eligibles</b>												
All Ages	3,207	1.4	31,704	0.5	39	42,843	19.3	439,479	0.2	3	221,531	1,913,864
5 and younger	26	0.1	276	0.5	45	1,443	3.1	15,926	0.1	1	46,368	407,023
6-14	192	0.4	2,113	0.6	61	2,277	5.0	25,402	0.1	1	45,329	439,384
15-20	262	0.7	2,787	0.5	47	7,220	19.6	76,245	0.1	1	36,886	318,306
21-44	2,068	2.5	20,072	0.5	35	29,784	36.5	300,615	0.2	3	81,503	655,184
45-64	576	5.3	5,587	0.6	44	2,018	18.7	20,296	0.4	11	10,788	89,659
65-74	50	22.4	531	0.7	40	67	30.0	692	0.4	12	223	1,923
75-84	23	12.0	244	0.6	28	27	14.1	254	0.4	6	192	1,353
85 and older	10	4.1	94	0.5	18	7	2.9	49	0.5	13	242	1,032
<b>Male</b>												
All Males	3,198	2.0	33,992	0.7	57	18,956	11.6	197,659	0.3	9	162,790	1,459,262
<b>Male, Disabled</b>												
All Ages	2,015	11.5	22,567	0.7	59	5,755	32.7	64,723	0.4	19	17,580	190,161
5 and younger	0	0.0	0	0.0	0	151	11.5	1,773	0.1	1	1,312	13,421
6-14	37	0.9	434	0.6	61	343	8.7	4,019	0.1	1	3,965	44,799
15-20	52	1.8	601	0.7	83	553	18.8	6,411	0.1	3	2,948	32,648
21-44	406	8.3	4,551	0.7	61	1,764	36.2	19,979	0.3	11	4,872	53,550
45-64	1,513	33.9	16,952	0.8	58	2,934	65.8	32,484	0.5	31	4,457	45,592
65-74	7	28.0	29	0.7	51	10	40.0	57	0.7	34	25	139
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	12
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
<b>Male, Other Eligibles</b>												
All Ages	1,183	0.8	11,425	0.6	52	13,201	9.1	132,936	0.2	3	145,210	1,269,101
5 and younger	20	0.0	221	0.8	63	1,865	3.8	20,518	0.1	1	48,799	428,768
6-14	177	0.4	1,943	0.6	57	2,281	4.9	25,428	0.1	1	46,433	450,046
15-20	142	0.7	1,410	0.8	81	3,086	15.0	32,142	0.1	1	20,561	179,668
21-44	519	2.5	4,761	0.6	47	5,052	23.9	46,057	0.3	6	21,180	146,808
45-64	291	3.7	2,779	0.6	44	865	11.0	8,281	0.4	10	7,846	61,183
65-74	24	16.7	253	0.7	46	32	22.2	339	0.4	30	144	1,039
75-84	8	6.3	34	0.7	8	18	14.1	154	0.3	2	128	891
85 and older	2	1.7	24	0.7	17	2	1.7	17	0.1	1	119	698
<b>Unknown</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.  
 a. Table ND.7D includes the beneficiaries represented by Cell K of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2007. 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 2007. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy; \$ = Medicaid reimbursement.

Nondual Beneficiaries

TABLE ND.8  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2007

Beneficiary Characteristics	Rx \$ per Benefit Month	Number of Rx per Benefit Month	Number of All-Year Nursing Facility Residents	Benefit Months Among All-Year Nursing Facility Residents
<b>All</b>	<b>\$565</b>	<b>7.7</b>	<b>448</b>	<b>4,826</b>
<b>Age</b>				
0-64	696	9.3	347	3,817
65-74	213	4.6	13	120
75-84	79	1.7	34	314
85 and older	33	1.2	54	575
Unknown	0	0.0	0	0
<b>Gender</b>				
Female	572	8.1	256	2,749
Male	555	7.2	192	2,077
Unknown	0	0.0	0	0
<b>Race</b>				
White	623	8.4	306	3,445
African American	655	6.9	15	167
Other/unknown	386	5.8	127	1,214
<b>Basis of Eligibility<sup>c</sup></b>				
Aged	68	1.7	100	1,006
Disabled	698	9.3	340	3,741
Adults	307	5.7	2	7
Children	599	7.1	6	72
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2007 Medicaid enrollment. A total of 603 beneficiaries who were in nursing facilities for part of their enrollment and their 6,158 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 = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy; \$ = Medicaid reimbursement.

Nondual Beneficiaries

TABLE ND.9  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a, b, c, d, e</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2007

Therapeutic Category	Number of Rx per Benefit Month Among Users			\$ per Benefit Month Among Users			\$ per Rx			Users							
	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months
Anti-infective Agents	0.5	0.1	0.0	0.3	\$43	\$32	\$4	\$7	\$87	\$293	\$117	\$20	1,455	\$127,248	265	59.2	2,990
Biologicals	0.1	0.1	0.0	0.0	84	84	0	0	706	706	0	0	43	30,359	33	7.4	361
Antineoplastic Agents	0.6	0.0	0.0	0.6	20	2	0	18	34	226	0	31	66	2,249	10	2.2	115
Endocrine/Metabolic Drugs	1.6	0.8	0.1	0.7	92	73	10	9	57	96	70	12	3,644	208,126	202	45.1	2,257
Cardiovascular Agents	2.2	0.4	0.2	1.5	69	37	14	18	32	88	61	12	5,225	164,954	219	48.9	2,392
Respiratory Agents	1.0	0.4	0.1	0.4	87	62	14	11	89	141	107	28	2,036	181,577	187	41.7	2,093
Gastrointestinal Agents	1.2	0.1	0.1	0.9	50	13	24	13	42	108	177	14	3,190	132,782	239	53.3	2,656
Genitourinary Agents	0.8	0.4	0.1	0.2	58	43	11	3	76	104	77	16	860	65,044	99	22.1	1,130
CNS Drugs	2.2	0.9	0.1	1.2	214	181	13	21	97	193	111	18	7,863	758,891	319	71.2	3,539
Stimulants/Anti-obesity/Anorexia	1.3	0.5	0.0	0.9	55	45	0	11	41	95	0	12	112	4,582	8	1.8	83
Miscellaneous Psychological/ Neurological Agents	1.2	1.2	0.0	0.0	568	568	0	0	477	477	0	0	407	194,329	30	6.7	342
Analgesics and Anesthetics	1.2	0.0	0.1	1.1	41	10	14	17	36	284	191	16	2,539	90,369	201	44.9	2,190
Neuromuscular Agents	2.0	0.8	0.1	1.1	209	163	14	32	105	215	149	28	5,441	571,027	240	53.6	2,734
Nutritional Products	0.9	0.0	0.1	0.8	15	0	2	13	17	8	37	16	885	14,952	95	21.2	1,028
Hematological Agents	1.3	0.3	0.1	0.9	64	53	1	10	49	207	10	11	1,365	67,344	100	22.3	1,048
Topical Products	0.6	0.1	0.1	0.4	23	11	4	8	36	79	62	19	1,711	62,248	242	54.0	2,760
Miscellaneous Products	0.4	0.1	0.1	0.2	58	13	34	12	144	122	310	62	187	26,935	40	8.9	463
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	42	0	0	0	131	0	0	0	168	21,999	44	9.8	520
<b>TOTAL NO. OF RX AND RX \$</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>	<b>37,197</b>	<b>2,725,015</b>	<b>n.a.</b>	<b>n.a.</b>	<b>n.a.</b>

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Table ND.9 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 603 beneficiaries who were in nursing facilities for part of their enrollment and their 6,158 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 2007. 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/master-drug-database.aspx>.

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/master-drug-database.aspx>.

In Iowa, 0.3 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 = Centers for Medicare & Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS,  
 BY TOP-10 DRUG GROUP<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2007

Top 10 Drug Groups in Nursing Facilities	Users			Among Users				
	Total Medicaid Rx \$	Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month	
ANTIPSYCHOTICS	\$558,296	232	51.8	2,625	1.0	\$222	\$213	
ANTICONVULSANT	469,161	300	67.0	3,438	1.2	118	136	
MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL	194,411	38	8.5	426	1.0	475	456	
ANTIDEPRESSANTS	171,123	305	68.1	3,441	0.9	54	50	
ANTIASTHMATIC	159,264	228	50.9	2,518	0.6	102	63	
ANTIDIABETIC	136,230	166	37.1	1,849	1.1	66	74	
ULCER DRUGS	111,311	246	54.9	2,726	0.7	56	41	
ANTIHYPERTENSIVE	71,865	110	24.6	1,224	0.9	67	59	
AMINOGLYCOSIDES	63,072	11	2.5	132	0.3	1402	478	
ANALGESICS - Narcotic	61,846	208	46.4	2,241	0.8	34	28	
Total	1,996,579	1,844	n.a.	20,620	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Table ND.10 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 603 beneficiaries who were in nursing facilities for part of their enrollment and their 6,158 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 2007. 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 2007 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/master-drug-database.aspx>.

Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement; n.a. = not applicable.

Nondual Beneficiaries

TABLE ND.10A  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED AND FIRST  
 AND SECOND TOP DRUG GROUPS SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2007

Beneficiary Characteristics	All Top 10 Drug Groups				ANTIPSYCHOTICS				ANTICONVULSANT			
	Number of Rx	Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
<b>All</b>	<b>18,635</b>	<b>\$1,996,579</b>	<b>232</b>	<b>51.8</b>	<b>2,625</b>	<b>1.0</b>	<b>\$213</b>	<b>300</b>	<b>67.0</b>	<b>3,438</b>	<b>1.2</b>	<b>\$137</b>
<b>Female</b>												
All Females	10,939	1,123,270	140	54.7	1,590	0.9	185	177	69.1	2,014	1.2	134
<b>Female, Disabled</b>												
All Ages	10,380	1,082,534	126	66.0	1,455	0.9	188	168	88.0	1,937	1.2	138
64 or younger	10,363	1,082,036	125	65.8	1,452	0.9	188	168	88.4	1,937	1.2	138
65-74	17	498	1	100.0	3	0.3	2	0	0.0	0	0.0	0
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>												
All Ages	559	40,736	14	21.5	135	1.0	150	9	13.8	77	0.9	38
64 or younger	23	457	1	50.0	2	0.5	2	2	100.0	14	1.4	26
65-74	241	17,084	6	100.0	65	0.6	100	5	83.3	53	0.8	46
75-84	136	14,789	4	20.0	36	1.7	321	1	5.0	3	0.7	21
85 and older	159	8,406	3	8.1	32	1.3	70	1	2.7	7	0.6	3
<b>Male</b>												
All Males	7,696	873,309	92	47.9	1,035	1.1	256	123	64.1	1,424	1.1	140
<b>Male, Disabled</b>												
All Ages	7,298	834,596	89	59.7	1,006	1.1	259	117	78.5	1,352	1.1	138
64 or younger	7,298	834,596	89	59.7	1,006	1.1	259	117	78.5	1,352	1.1	138
65-74	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>												
All Ages	398	38,713	3	7.0	29	0.9	125	6	14.0	72	1.1	176
64 or younger	236	33,544	2	33.3	17	1.4	212	6	100.0	72	1.1	176
65-74	2	9	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	70	1,187	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	90	3,973	1	5.9	12	0.1	2	0	0.0	0	0.0	0
<b>Unknown</b>	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Table ND.10A includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 603 beneficiaries who were in nursing facilities for part of their enrollment and their 6,158 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 2007. 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 2007 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/master-drug-database.aspx>.

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10B  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY  
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2007

Beneficiary Characteristics	MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL					ANTIDEPRESSANTS					ANTIASTHMATIC				
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
<b>All</b>	<b>38</b>	<b>8.5</b>	<b>426</b>	<b>1.0</b>	<b>\$456</b>	<b>305</b>	<b>68.1</b>	<b>3,441</b>	<b>0.9</b>	<b>\$50</b>	<b>228</b>	<b>50.9</b>	<b>2,518</b>	<b>0.6</b>	<b>\$63</b>
<b>Female</b>															
All Females	27	10.5	300	1.0	523	205	80.1	2,330	0.9	49	119	46.5	1,301	0.5	44
<b>Female, Disabled</b>															
All Ages	25	13.1	280	1.0	557	193	101.0	2,206	0.9	50	115	60.2	1,255	0.5	45
64 or younger	25	13.2	280	1.0	557	192	101.1	2,203	0.9	50	113	59.5	1,249	0.5	45
65-74	0	0.0	0	0.0	0	1	100.0	3	1.0	39	2	200.0	6	0.7	45
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>															
All Ages	2	3.1	20	0.3	48	12	18.5	124	0.8	36	4	6.2	46	0.2	13
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
65-74	0	0.0	0	0.0	0	5	83.3	60	0.9	47	1	16.7	12	0.1	1
75-84	0	0.0	0	0.0	0	3	15.0	18	0.4	20	0	0.0	0	0.0	0
85 and older	2	5.4	20	0.3	48	4	10.8	46	0.7	27	3	8.1	34	0.2	17
<b>Male</b>															
All Males	11	5.7	126	1.0	298	100	52.1	1,111	1.0	50	109	56.8	1,217	0.8	84
<b>Male, Disabled</b>															
All Ages	10	6.7	114	1.0	312	96	64.4	1,063	1.0	52	96	64.4	1,069	0.8	85
64 or younger	10	6.7	114	1.0	312	96	64.4	1,063	1.0	52	96	64.4	1,069	0.8	85
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>															
All Ages	1	2.3	12	1.1	160	4	9.3	48	0.8	6	13	30.2	148	0.7	78
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	7	116.7	84	1.0	127
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	1	7.1	12	1.1	6	2	14.3	24	0.1	1
85 and older	1	5.9	12	1.1	160	3	17.6	36	0.7	6	4	23.5	40	0.3	23
<b>Unknown</b>	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Table ND.10B includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 603 beneficiaries who were in nursing facilities for part of their enrollment and their 6,158 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 2007. 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 2007 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/master-drug-database.aspx>.

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10C  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY  
 AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2007

Beneficiary Characteristics	ANTIDIABETIC					ULCER DRUGS					ANTIHYPERLIPIDEMIC				
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
<b>All</b>	<b>166</b>	<b>37.1</b>	<b>1,849</b>	<b>1.1</b>	<b>\$74</b>	<b>246</b>	<b>54.9</b>	<b>2,726</b>	<b>0.7</b>	<b>\$41</b>	<b>110</b>	<b>24.6</b>	<b>1,224</b>	<b>0.9</b>	<b>\$59</b>
<b>Female</b>															
All Females	107	41.8	1,159	1.2	80	129	50.4	1,425	0.7	36	70	27.3	788	0.9	68
<b>Female, Disabled</b>															
All Ages	94	49.2	1,028	1.2	86	118	61.8	1,323	0.7	35	66	34.6	740	0.9	68
64 or younger	93	48.9	1,025	1.2	87	117	61.6	1,320	0.7	35	66	34.7	740	0.9	68
65-74	1	100.0	3	1.0	16	1	100.0	3	1.0	10	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Female, Other Eligibles</b>															
All Ages	13	20.0	131	0.8	29	11	16.9	102	0.7	44	4	6.2	48	1.0	62
64 or younger	1	50.0	2	0.5	15	1	50.0	2	0.5	24	0	0.0	0	0.0	0
65-74	4	66.7	48	1.3	43	2	33.3	24	0.8	60	2	33.3	24	1.0	72
75-84	3	15.0	36	1.0	35	1	5.0	3	0.7	99	2	10.0	24	1.0	53
85 and older	5	13.5	45	0.2	11	7	18.9	73	0.7	38	0	0.0	0	0.0	0
<b>Male</b>															
All Males	59	30.7	690	1.0	63	117	60.9	1,301	0.8	47	40	20.8	436	0.8	42
<b>Male, Disabled</b>															
All Ages	58	38.9	678	1.0	64	107	71.8	1,203	0.8	45	34	22.8	364	0.8	47
64 or younger	58	38.9	678	1.0	64	107	71.8	1,203	0.8	45	34	22.8	364	0.8	47
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
<b>Male, Other Eligibles</b>															
All Ages	1	2.3	12	1.0	21	10	23.3	98	0.8	69	6	14.0	72	0.6	21
64 or younger	0	0.0	0	0.0	0	7	116.7	70	0.6	93	1	16.7	12	0.3	5
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
75-84	0	0.0	0	0.0	0	2	14.3	16	1.0	8	2	14.3	24	1.2	37
85 and older	1	5.9	12	1.0	21	1	5.9	12	1.1	11	3	17.6	36	0.4	15
<b>Unknown</b>	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Table ND.10C includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 603 beneficiaries who were in nursing facilities for part of their enrollment and their 6,158 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 2007. 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 2007 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/master-drug-database.aspx>.

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10D  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS  
 SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2007

Beneficiary Characteristics	AMINOGLYCOSIDES						ANALGESICS - Narcotic						
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$		Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	All-Year Nursing Facility Residents	Benefit Months Among All-Year Nursing Facility Residents
<b>All</b>	<b>11</b>	<b>2.5</b>	<b>132</b>	<b>0.3</b>	<b>\$478</b>		<b>208</b>	<b>46.4</b>	<b>2,241</b>	<b>0.8</b>	<b>\$28</b>	<b>448</b>	<b>4,826</b>
<b>Female</b>													
All Females	5	2.0	60	0.1	61		115	44.9	1,245	0.8	24	256	2,749
<b>Female, Disabled</b>													
All Ages	5	2.6	60	0.1	61		109	57.1	1,203	0.8	24	191	2,102
64 or younger	5	2.6	60	0.1	61		107	56.3	1,197	0.8	25	190	2,099
65-74	0	0.0	0	0.0	0		2	200.0	6	0.5	5	1	3
75-84	0	0.0	0	0.0	0		0	0.0	0	0.0	0	0	0
85 and older	0	0.0	0	0.0	0		0	0.0	0	0.0	0	0	0
<b>Female, Other Eligibles</b>													
All Ages	0	0.0	0	0.0	0		6	9.2	42	0.4	6	65	647
64 or younger	0	0.0	0	0.0	0		1	50.0	2	0.5	9	2	14
65-74	0	0.0	0	0.0	0		2	33.3	17	0.4	4	6	65
75-84	0	0.0	0	0.0	0		1	5.0	3	0.7	4	20	178
85 and older	0	0.0	0	0.0	0		2	5.4	20	0.4	8	37	390
<b>Male</b>													
All Males	6	3.1	72	0.5	826		93	48.4	996	0.8	32	192	2,077
<b>Male, Disabled</b>													
All Ages	6	4.0	72	0.5	826		88	59.1	946	0.9	34	149	1,639
64 or younger	6	4.0	72	0.5	826		88	59.1	946	0.9	34	149	1,639
65-74	0	0.0	0	0.0	0		0	0.0	0	0.0	0	0	0
75-84	0	0.0	0	0.0	0		0	0.0	0	0.0	0	0	0
85 and older	0	0.0	0	0.0	0		0	0.0	0	0.0	0	0	0
<b>Male, Other Eligibles</b>													
All Ages	0	0.0	0	0.0	0		5	11.6	50	0.3	2	43	438
64 or younger	0	0.0	0	0.0	0		1	16.7	12	0.1	1	6	65
65-74	0	0.0	0	0.0	0		1	16.7	2	1.0	5	6	52
75-84	0	0.0	0	0.0	0		3	21.4	36	0.3	2	14	136
85 and older	0	0.0	0	0.0	0		0	0.0	0	0.0	0	17	185
<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 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Table ND.10D includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2007. A total of 603 beneficiaries who were in nursing facilities for part of their enrollment and their 6,158 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 2007. 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 2007 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/master-drug-database.aspx>.

Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.11  
 USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D  
 AMONG NONDUALS, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 IOWA, 2007

Beneficiary Characteristics	Number of Beneficiaries with at Least One Part D Excluded Rx	Percentage of Beneficiaries with at Least One Part D Excluded Rx	Number of Part D Excluded Rx per Beneficiary	Total Number Part D Excluded Rx	Part D Excluded Rx \$ per Beneficiary	Total Part D Excluded Rx \$	\$ per Part D Excluded Rx	Part D Excluded Rx \$ as a Percentage of All Nondual Rx \$	Total Number of Beneficiaries
<b>All</b>	<b>75,967</b>	<b>18.9</b>	<b>0.7</b>	<b>268,843</b>	<b>\$8</b>	<b>\$3,339,888</b>	<b>\$12</b>	<b>1.6</b>	<b>401,599</b>
<b>Age</b>									
5 and younger	19,036	19.5	0.4	35,216	4	375,625	11	1.8	97,489
6-14	16,937	17.3	0.4	36,446	5	455,470	12	1.0	97,671
15-20	10,327	16.6	0.4	26,927	6	368,631	14	1.2	62,222
21-44	21,226	18.8	0.8	92,453	10	1,125,328	12	1.9	112,956
45-64	8,128	26.9	2.5	74,933	33	990,486	13	1.9	30,162
65-74	131	31.6	2.6	1,072	24	10,031	9	2.2	415
75-84	86	26.7	2.3	745	18	5,799	8	5.9	322
85 and older	96	26.5	2.9	1,051	24	8,518	8	21.5	362
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Basis of Eligibility<sup>c</sup></b>									
Aged	297	29.9	2.8	2,783	23	23,158	8	4.3	994
Disabled	15,063	43.2	3.5	123,592	48	1,683,616	14	1.5	34,858
Adults	19,237	14.5	0.5	63,528	6	750,128	12	2.1	132,501
Children	41,268	17.7	0.3	78,399	4	876,851	11	1.4	232,963
Unknown	102	36.0	1.9	541	22	6,135	11	1.4	283
<b>Gender</b>									
Female	47,566	19.9	0.7	178,044	9	2,192,404	12	1.9	238,809
Male	28,401	17.4	0.6	90,799	7	1,147,484	13	1.2	162,790
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Race</b>									
White	47,692	23.0	0.9	193,239	12	2,462,386	13	1.6	207,024
African American	4,972	17.4	0.5	13,838	6	157,889	11	1.3	28,533
Other/unknown	23,303	14.0	0.4	61,766	4	719,613	12	1.5	166,042
<b>Use of Nursing Facilities<sup>d</sup></b>									
Entire year	388	86.6	17.7	7,949	211	94,550	12	3.5	448
Part year	524	86.9	11.0	6,657	119	71,738	11	2.3	603
None	75,055	18.7	0.6	254,237	8	3,173,600	12	1.6	400,548
<b>Maintenance Assistance Status</b>									
Cash	37,375	28.2	1.2	164,099	15	2,048,901	12	1.7	132,354
Medically needy	963	15.8	0.7	4,233	9	54,104	13	2.0	6,094
Poverty related	20,131	15.0	0.3	35,733	3	400,302	11	1.6	133,930
Other/unknown	17,498	13.5	0.5	64,778	6	836,581	13	1.4	129,221

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Table ND.11 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2007.

b. The statute establishing the Medicare Part D prescription program that started in 2007 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2007 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.

d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.

Bene(s) = beneficiary (or beneficiaries); CMS = Centers for Medicare & Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.12  
 USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D  
 AMONG NONDUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup>  
 IOWA, 2007

Beneficiary Characteristics	Number Rx per Benefit Month	Rx \$ per Benefit Month	\$ per Rx	Barbiturate \$ per Benefit Month	Benzodiazepine \$ per Benefit Month	Number of Benefit Months
<b>All</b>	<b>0.1</b>	<b>\$1</b>	<b>\$12</b>	<b>\$0</b>	<b>\$0</b>	<b>3,562,630</b>
<b>Age</b>						
5 and younger	0.0	0	11	0	0	859,347
6-14	0.0	0	12	0	0	956,064
15-20	0.0	1	14	0	0	550,946
21-44	0.1	1	12	0	1	915,213
45-64	0.3	4	13	0	1	273,807
65-74	0.3	3	9	0	1	3,248
75-84	0.3	3	8	0	1	2,268
85 and older	0.6	5	8	0	1	1,737
Unknown	0.0	0	0	0	0	0
<b>Basis of Eligibility<sup>c</sup></b>						
Aged	0.4	3	8	0	1	6,631
Disabled	0.3	4	14	0	2	379,665
Adults	0.1	1	12	0	0	1,047,408
Children	0.0	0	11	0	0	2,126,390
Unknown	0.2	2	11	0	1	2,536
<b>Gender</b>						
Female	0.1	1	12	0	0	2,103,368
Male	0.1	1	13	0	0	1,459,262
Unknown	0.0	0	0	0	0	0
<b>Race</b>						
White	0.1	1	13	0	0	1,908,050
African American	0.1	1	11	0	0	261,814
Other/unknown	0.0	1	12	0	0	1,392,766
<b>Use of Nursing Facilities<sup>d</sup></b>						
Entire year	1.6	20	12	1	5	4,826
Part year	1.1	12	11	0	4	6,158
None	0.1	1	12	0	0	3,551,646
<b>Maintenance Assistance Status</b>						
Cash	0.1	2	12	0	1	1,252,627
Medically needy	0.1	1	13	0	1	47,064
Poverty related	0.0	0	11	0	0	1,155,192
Other/unknown	0.1	1	13	0	0	1,107,747

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Table ND.12 includes the beneficiaries represented by Cell K of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2007.

b. The statute establishing the Medicare Part D prescription program that started in 2007 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2007 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.

d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.

TABLE ND.13  
USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D FOR SELECTED DRUG CATEGORIES AMONG NONDUALS<sup>a,b,c</sup>  
IOWA, 2007

Drug Category	Number of Users	Rx \$ per User	Total Rx \$	Rx \$ as a Percentage of All Part D			Number Rx as a Percentage of All Part D	
				Excluded Rx \$	Total Number Rx.	\$ per Rx	Excluded Rx	
<b>All</b>	<b>93,975</b>	<b>\$36</b>	<b>\$3,339,888</b>	<b>100.0</b>	<b>268,843</b>	<b>\$12</b>	<b>100.0</b>	
Anorexia or weight loss/gain	1	24	24	0.0	3	8	0.0	
Fertility drugs	1	278	278	0.0	4	70	0.0	
Drugs for cosmetic purposes	324	14	4,603	0.1	439	10	0.2	
Cough and cold medications	29,810	24	711,851	21.3	44,047	16	16.4	
Vitamins and minerals	2,900	114	330,141	9.9	15,639	21	5.8	
Non-prescription drugs	43,883	25	1,118,837	33.5	112,055	10	41.7	
Barbiturates	563	85	47,991	1.4	5,123	9	1.9	
Benzodiazepines	15,273	66	1,000,569	30.0	88,444	11	32.9	
Other Part D Excl Rx Drugs	1,220	103	125,594	3.8	3,089	41	1.1	

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Table ND.13 includes the beneficiaries represented by Cell K of Table 1. Beneficiaries include all nondual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2007. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2007. A beneficiary who used drugs from two or more Part D excluded categories was counted as a user for each category. Therefore, the sum of users across drug categories may exceed the total number of individual users as noted on Table ND11.

b. Includes OTC drugs as well as prescription drugs.

c. The statute establishing the Medicare Part D prescription program that started in 2007 excludes several types of drugs from coverage. State Medicaid programs have been allowed to exclude these drugs since 1990, but many states have chosen to cover them, and if states cover them for any Medicaid beneficiaries they must also cover them for dual eligibles, who as of 2007 receive the remainder of their prescription drug coverage through Part D. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

Bene(s) = beneficiary (or beneficiaries); CMS = Centers for Medicare & Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

Nondual Beneficiaries

**APPENDIX TABLE A.1**  
**CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY<sup>a, b</sup>**  
**NONDUAL BENEFICIARIES, IOWA, 2007**

Beneficiary Characteristics	Number of Beneficiaries						Number of Benefit Months					
	All	Aged	Blind/ Disabled	Adults	Children	Other/ Unknown	All	Aged	Blind/ Disabled	Adults	Children	Other/ Unknown
<b>All</b>	<b>402,860</b>	<b>994</b>	<b>34,858</b>	<b>132,640</b>	<b>234,085</b>	<b>283</b>	<b>3,593,679</b>	<b>6,631</b>	<b>379,904</b>	<b>1,054,440</b>	<b>2,150,160</b>	<b>2,544</b>
<b>Age</b>												
5 and younger	97,877	0	2,322	199	95,356	0	868,517	0	23,633	1,673	843,211	0
6-14	98,204	0	5,909	98	92,197	0	966,884	0	66,708	851	899,325	0
15-20	62,415	0	4,775	13,009	44,629	2	555,493	0	53,003	107,784	394,692	14
21-44	113,096	1	10,273	100,927	1,845	50	921,380	12	113,258	795,277	12,471	362
45-64	30,169	8	11,528	18,345	58	230	274,152	52	122,985	148,493	461	2,161
65-74	415	305	48	61	0	1	3,248	2,605	286	350	0	7
75-84	322	320	2	0	0	0	2,268	2,244	24	0	0	0
85 and older	362	360	1	1	0	0	1,737	1,718	7	12	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Gender</b>												
Female	239,430	633	17,278	103,680	117,556	283	2,121,305	4,157	189,613	845,447	1,079,544	2,544
Male	163,430	361	17,580	28,960	116,529	0	1,472,374	2,474	190,291	208,993	1,070,616	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Race</b>												
White	207,639	426	23,194	62,139	121,825	55	1,923,497	2,553	259,719	509,800	1,150,947	478
African American	28,904	46	3,327	7,775	17,750	6	270,490	449	36,283	63,713	169,989	56
Other/unknown	166,317	522	8,337	62,726	94,510	222	1,399,692	3,629	83,902	480,927	829,224	2,010
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	448	100	340	2	6	0	4,826	1,006	3,741	7	72	0
Part year	603	86	494	14	8	1	6,158	714	5,217	130	85	12
None	401,809	808	34,024	132,624	234,071	282	3,582,695	4,911	370,946	1,054,303	2,150,003	2,532
<b>Maintenance Assistance Status</b>												
Cash	132,745	224	25,610	42,801	64,110	0	1,264,796	2,174	279,558	364,138	618,926	0
Medically needy	6,094	106	303	4,664	1,021	0	47,155	894	2,110	36,328	7,823	0
Poverty related	134,624	5	18	12,596	121,722	283	1,168,114	60	91	82,307	1,083,112	2,544
Other/unknown	129,397	659	8,927	72,579	47,232	0	1,113,614	3,503	98,145	571,667	440,299	0
<b>Managed Care (MC) Status</b>												
Fee-for-service (FFS) all year	395,327	994	34,809	130,660	228,583	281	3,521,994	6,631	379,361	1,036,500	2,096,980	2,522
FFS part year, with Rx claims	2,633	0	43	1,001	1,587	2	26,253	0	471	9,466	16,294	22
FFS part year, no Rx claims	1,179	0	6	227	946	0	9,955	0	72	1,613	8,270	0
MC all year, with Rx claims	2,460	0	0	613	1,847	0	25,606	0	0	5,993	19,613	0
MC all year, no Rx claims	1,261	0	0	139	1,122	0	9,871	0	0	868	9,003	0

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

- a. Table A.1 includes the beneficiaries represented by Cell J of Table 1. Benefit months are months during which beneficiaries had pharmacy benefit coverage.
- b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.
- c. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.
- Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; MC = managed care; Rx = pharmacy benefit.

APPENDIX TABLE A.2  
 MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS<sup>a</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2007

	Beneficiaries and		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	Benefit Months in Cell J of Table 1	Benefit Months in Cell J of Table 1	Benefit Months in Cell J of Table 1	Benefit Months in Cell J of Table 1	Benefit Months in Cell J of Table 1	Benefit Months in Cell J of Table 1
	Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months	Number of Beneficiaries	Number of Benefit Months
<b>All</b>	<b>402,860</b>	<b>3,593,679</b>	<b>401,599</b>	<b>3,562,630</b>	<b>0</b>	<b>31,049</b>
Fee-for-service (FFS) all year	395,327	3,521,994	395,327	3,521,994	0	0
FFS part year, with Rx claims	2,633	26,253	2,633	10,837	0	15,416
FFS part year, with no Rx claims	1,179	9,955	1,179	4,193	0	5,762
Managed care (MC) all year, with Rx claims	2,460	25,606	2,460	25,606	0	0
MC all year, with no Rx claims	1,261	9,871	0	0	0	9,871

Source: Data for this table are from the MAX 2007 file for Iowa, released by CMS in 4/2010. This table was produced on 10/06/2010.

a. Benefit months are months during which beneficiaries had pharmacy benefit coverage.

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

All Medicaid Beneficiaries