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STATISTICAL COMPENDIUM:  
MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2006  
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, 2006

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>387,003</b>	<b>1,050</b>	<b>34,036</b>	<b>122,497</b>	<b>229,178</b>	<b>242</b>	<b>3,438,932</b>	<b>7,370</b>	<b>369,399</b>	<b>960,916</b>	<b>2,098,973</b>	<b>2,274</b>
<b>Age</b>												
5 and younger	95,182	0	2,175	179	92,828	0	839,410	0	22,018	1,485	815,907	0
6-14	97,088	0	5,689	102	91,297	0	952,608	0	63,866	929	887,813	0
15-20	59,872	0	4,621	12,216	43,035	0	527,535	0	51,232	94,778	381,525	0
21-44	105,684	3	10,149	93,518	1,972	42	857,214	13	110,921	732,526	13,368	386
45-64	28,025	7	11,339	16,434	46	199	254,209	45	120,991	130,930	360	1,883
65-74	416	312	57	46	0	1	3,290	2,711	312	262	0	5
75-84	337	332	4	1	0	0	2,606	2,560	42	4	0	0
85 and older	399	396	2	1	0	0	2,060	2,041	17	2	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Gender</b>												
Female	226,421	669	17,048	93,570	114,892	242	1,994,724	4,548	186,031	750,028	1,051,843	2,274
Male	160,582	381	16,988	28,927	114,286	0	1,444,208	2,822	183,368	210,888	1,047,130	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Race</b>												
White	208,716	490	23,097	61,037	124,051	41	1,929,428	3,266	258,744	494,239	1,172,781	398
African American	28,602	36	3,174	7,679	17,709	4	267,378	361	34,207	62,438	170,324	48
Other/unknown	149,685	524	7,765	53,781	87,418	197	1,242,126	3,743	76,448	404,239	755,868	1,828
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	482	129	348	0	5	0	5,246	1,338	3,848	0	60	0
Part year	558	78	453	20	7	0	5,607	583	4,772	173	79	0
None	385,963	843	33,235	122,477	229,166	242	3,428,079	5,449	360,779	960,743	2,098,834	2,274
<b>Maintenance Assistance Status</b>												
Cash	130,604	250	25,175	42,696	62,483	0	1,226,480	2,457	274,373	356,191	593,459	0
Medically needy	6,866	127	392	5,227	1,120	0	51,063	1,033	2,564	38,969	8,497	0
Poverty-related	130,711	9	15	12,880	117,565	242	1,123,080	96	95	77,661	1,042,954	2,274
Other/unknown	118,822	664	8,454	61,694	48,010	0	1,038,309	3,784	92,367	488,095	454,063	0
<b>Managed Care (MC) Status</b>												
Fee-for-service (FFS) all year	380,485	1,050	33,996	120,576	224,621	242	3,395,729	7,370	369,101	949,200	2,067,784	2,274
FFS part year, with Rx claims	2,557	0	34	971	1,552	0	10,483	0	250	3,865	6,368	0
FFS part year, no Rx claims	1,183	0	6	221	956	0	3,780	0	48	637	3,095	0

Source: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
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.  
Benef(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, 2006

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>59.1</b>	<b>7.4</b>	<b>\$525</b>	<b>\$71</b>	<b>\$3,354</b>	<b>15.7</b>	<b>387,003</b>
<b>Age</b>							
5 and younger	68.0	3.7	207	55	2,216	9.3	95,182
6-14	58.7	5.2	462	89	2,233	20.7	97,088
15-20	55.2	6.2	479	78	3,578	13.4	59,872
21-44	56.4	8.8	567	64	4,092	13.9	105,684
45-64	50.0	25.2	1,761	70	7,628	23.1	28,025
65-74	49.3	20.7	1,231	59	9,686	12.7	416
75-84	38.0	11.0	498	45	8,888	5.6	337
85 and older	22.6	3.9	149	38	7,456	2.0	399
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Basis of Eligibility<sup>e</sup></b>							
Aged	36.9	12.2	617	51	8,816	7.0	1,050
Disabled	84.8	35.1	3,109	89	19,129	16.3	34,036
Adults	48.4	5.9	297	51	2,064	14.4	122,497
Children	61.2	4.1	262	63	1,663	15.7	229,178
Unknown	88.4	24.9	1,733	70	15,196	11.4	242
<b>Gender</b>							
Female	59.9	8.0	498	62	3,164	15.7	226,421
Male	58.1	6.7	563	84	3,623	15.5	160,582
Unknown	0.0	0.0	0	0	0	0.0	0
<b>Race</b>							
White	66.2	9.9	716	73	4,193	17.1	208,716
African American	60.1	5.9	413	70	2,737	15.1	28,602
Other/unknown	49.1	4.3	280	65	2,302	12.2	149,685
<b>Use of Nursing Facilities<sup>f</sup></b>							
Entire year	84.2	80.4	5,267	66	60,911	8.6	482
Part year	90.7	76.8	5,196	68	56,830	9.1	558
None	59.1	7.3	512	71	3,205	16.0	385,963
<b>Maintenance Assistance Status</b>							
Cash	72.7	12.4	883	71	4,687	18.8	130,604
Medically needy	40.9	6.5	417	64	3,244	12.9	6,866
Poverty related	57.7	3.4	183	55	1,431	12.8	130,711
Other/unknown	46.8	6.6	514	78	4,011	12.8	118,822

Source: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.

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 ten states (DE, IA, IL, NC, NE, NY, TN, TX, UT, 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 ten states (DE, IA, IL, NC, NE, NY, TN, TX, UT, 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, 2006

Beneficiary Characteristics	Number of Rx, Percentage with:										Number		
	Mean Number of Rx	Mean Rx \$ of All Medicaid FFS <sup>c</sup>	Rx \$ as a Percentage of All Medicaid FFS <sup>c</sup>								Mean \$, All Medicaid FFS <sup>d</sup>	Beneficiaries	Benefit Months
			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					
<b>All</b>	<b>0.8</b>	<b>\$59</b>	<b>15.7</b>	<b>40.9</b>	<b>45.9</b>	<b>5.7</b>	<b>5.1</b>	<b>2.0</b>	<b>0.6</b>	<b>\$378</b>	<b>387,003</b>	<b>3,438,932</b>	
<b>Age</b>													
5 and younger	0.4	23	9.3	32.0	63.4	3.4	1.1	0.1	0.0	251	95,182	839,410	
6-14	0.5	47	20.7	41.3	49.2	4.9	3.9	0.7	0.0	228	97,088	952,608	
15-20	0.7	54	13.4	44.8	42.8	6.2	5.0	1.1	0.1	406	59,872	527,535	
21-44	1.1	70	13.9	43.6	37.8	8.1	7.4	2.6	0.6	505	105,684	857,214	
45-64	2.8	194	23.1	50.0	13.4	6.3	13.7	11.7	4.9	841	28,025	254,209	
65-74	2.6	156	12.7	50.7	15.4	8.4	11.1	8.9	5.5	1,225	416	3,290	
75-84	1.4	64	5.6	62.0	17.8	5.6	7.7	5.9	0.9	1,149	337	2,606	
85 and older	0.8	29	2.0	77.4	13.3	2.3	4.8	2.3	0.0	1,444	399	2,060	
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	88	7.0	63.1	16.0	5.3	7.6	5.7	2.2	1,256	1,050	7,370	
Disabled	3.2	287	16.3	15.2	30.4	12.0	22.5	14.8	5.1	1,763	34,036	369,399	
Adults	0.7	38	14.4	51.6	34.6	6.8	5.3	1.4	0.3	263	122,497	960,916	
Children	0.5	29	15.7	38.8	54.3	4.2	2.3	0.3	0.0	182	229,178	2,098,973	
Unknown	2.6	184	11.4	11.6	28.1	20.7	28.1	11.6	0.0	1,617	242	2,274	
<b>Gender</b>													
Female	0.9	57	15.7	40.1	45.7	6.1	5.2	2.2	0.7	359	226,421	1,994,724	
Male	0.7	63	15.5	41.9	46.1	5.2	4.9	1.6	0.4	403	160,582	1,444,208	
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	77	17.1	33.8	48.5	7.2	6.9	2.8	0.8	454	208,716	1,929,428	
African American	0.6	44	15.1	39.9	49.6	4.9	3.9	1.3	0.3	293	28,602	267,378	
Other/unknown	0.5	34	12.2	50.9	41.4	3.8	2.8	0.9	0.2	278	149,685	1,242,126	
<b>Use of Nursing Facilities<sup>f</sup></b>													
Entire year	7.4	484	8.6	15.8	11.0	2.7	12.0	32.6	25.9	5,596	482	5,246	
Part year	7.6	517	9.1	9.3	10.4	5.2	18.3	31.4	25.4	5,656	558	5,607	
None	0.8	58	16.0	40.9	46.0	5.7	5.0	1.9	0.5	361	385,963	3,428,079	
<b>Maintenance Assistance Status</b>													
Cash	1.3	94	18.8	27.3	51.4	7.8	8.2	3.9	1.3	499	130,604	1,226,480	
Medically needy	0.9	56	12.9	59.1	25.8	5.8	6.5	2.4	0.4	436	6,866	51,063	
Poverty related	0.4	21	12.8	42.3	52.1	3.8	1.7	0.2	0.0	167	130,711	1,123,080	
Other/unknown	0.8	59	12.8	53.2	34.1	5.4	5.3	1.7	0.4	459	118,822	1,038,309	

Source: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 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 ten states (DE, IA, IL, NC, NE, NY, TN, TX, UT, 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 ten states (DE, IA, IL, NC, NE, NY, TN, TX, UT, 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 I 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, 2006

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>\$71</b>	<b>0.3</b>	<b>\$43</b>	<b>\$152</b>	<b>0.1</b>	<b>\$8</b>	<b>\$85</b>	<b>0.5</b>	<b>\$8</b>	<b>\$16</b>
<b>Age</b>												
5 and younger	0.4	23	55	0.1	16	154	0.1	3	50	0.3	4	15
6-14	0.5	47	89	0.3	39	154	0.1	4	81	0.2	4	18
15-20	0.7	54	78	0.3	41	159	0.1	8	77	0.3	6	17
21-44	1.1	70	64	0.3	48	154	0.1	12	92	0.6	11	17
45-64	2.8	194	70	0.9	136	145	0.2	26	115	1.6	32	20
65-74	2.6	156	59	0.9	111	119	0.2	20	86	1.5	25	17
75-84	1.4	64	45	0.4	42	92	0.1	12	98	0.9	11	13
85 and older	0.8	29	38	0.2	20	94	0.0	3	62	0.5	6	13
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	88	51	0.6	60	104	0.1	13	89	1.0	15	15
Disabled	3.2	287	89	1.2	219	182	0.3	31	107	1.7	36	21
Adults	0.7	38	51	0.2	23	124	0.1	8	86	0.5	7	14
Children	0.5	29	63	0.2	21	129	0.1	4	64	0.2	4	16
Unknown	2.6	184	70	0.8	130	168	0.2	25	124	1.7	30	18
<b>Gender</b>												
Female	0.9	57	62	0.3	39	140	0.1	9	83	0.5	9	17
Male	0.7	63	84	0.3	49	168	0.1	6	88	0.4	7	19
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0
<b>Race</b>												
White	1.1	77	73	0.4	57	152	0.1	10	87	0.6	10	18
African American	0.6	44	70	0.2	33	164	0.1	5	85	0.4	6	16
Other/unknown	0.5	34	65	0.2	24	149	0.1	5	78	0.3	5	17
<b>Use of Nursing Facilities<sup>e</sup></b>												
Entire year	7.4	484	66	2.3	338	149	0.6	56	89	4.5	90	20
Part year	7.6	517	68	2.4	349	145	0.6	65	112	4.7	103	22
None	0.8	58	71	0.3	42	152	0.1	8	84	0.4	8	17
<b>Maintenance Assistance Status</b>												
Cash	1.3	94	71	0.4	68	156	0.1	12	93	0.7	14	18
Medically needy	0.9	56	64	0.3	38	146	0.1	9	102	0.5	9	17
Poverty related	0.4	21	55	0.1	15	120	0.1	4	67	0.2	3	15
Other/unknown	0.8	59	78	0.3	45	161	0.1	7	81	0.4	7	17

Source: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 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, 0.1 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 NO.6  
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a, b, c, d</sup>  
 NONDUAL BENEFICIARIES, IOWA, 2006

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		Total	Patented Brand-Name	Off-Patent Brand-Name Generic		Total	Patented Brand-Name	Off-Patent Brand-Name Generic		Total	Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All Beneficiaries	
		Total	Patented Brand-Name			Off-Patent Brand-Name Generic	Total			Patented Brand-Name	Off-Patent Brand-Name Generic					Total	Patented Brand-Name
Anti-infective Agents	0.3	0.0	0.1	0.2	\$10	\$4	\$3	\$3	\$42	\$135	\$61	\$17	420,056	\$17,584,492	162,204	41.9	1,678,243
Biologicals	0.2	0.2	0.0	0.0	223	222	0	0	996	1,002	2,677	211	5,915	5,889,704	2,520	0.7	26,468
Antineoplastic Agents	0.6	0.2	0.0	0.4	176	160	1	15	306	955	192	38	5,284	1,617,161	857	0.2	9,169
Endocrine/Metabolic Drugs	0.4	0.1	0.1	0.2	25	15	8	3	58	124	60	15	256,944	14,889,452	56,941	14.7	592,000
Cardiovascular Agents	1.0	0.3	0.1	0.6	41	27	6	7	39	82	95	11	271,636	10,553,382	24,493	6.3	260,315
Respiratory Agents	0.3	0.2	0.0	0.2	21	17	1	3	61	103	68	16	339,023	20,575,000	92,507	23.9	972,552
Gastrointestinal Agents	0.4	0.2	0.0	0.2	32	22	6	4	78	141	375	17	134,345	10,440,877	30,577	7.9	321,736
Genitourinary Agents	0.2	0.1	0.1	0.1	15	6	7	2	61	95	77	20	29,365	1,780,978	11,409	2.9	119,204
CNS Drugs	1.0	0.4	0.1	0.4	97	77	13	8	102	183	104	19	531,581	54,235,388	53,563	13.8	557,572
Stimulants/Anti-obesity/Anorexia	0.8	0.6	0.0	0.1	81	75	3	3	106	119	108	31	170,222	18,091,596	20,638	5.3	223,466
Miscellaneous Psychological/ Neurological Agents	0.5	0.5	0.0	0.0	234	233	0	1	458	465	0	71	4,118	1,886,607	752	0.2	8,078
Analgesics and Anesthetics	0.4	0.0	0.0	0.4	17	8	2	6	41	190	273	18	299,145	12,349,607	70,972	18.3	728,171
Neuromuscular Agents	0.7	0.3	0.0	0.4	63	47	6	10	94	178	133	28	169,986	15,962,425	23,843	6.2	253,829
Nutritional Products	0.3	0.0	0.0	0.3	5	0	1	4	15	27	49	14	46,475	712,155	14,543	3.8	140,945
Hematological Agents	0.6	0.2	0.1	0.4	222	214	2	6	358	1,089	39	16	24,623	8,804,479	3,764	1.0	39,707
Topical Products	0.2	0.0	0.0	0.1	7	4	1	2	38	88	57	15	162,196	6,135,836	82,060	21.2	864,766
Miscellaneous Products	0.4	0.2	0.0	0.1	86	70	6	10	224	333	234	69	6,983	1,566,714	1,631	0.4	18,182
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	9	0	0	0	53	0	0	0	2,345	123,888	1,295	0.3	13,836
<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.	2,880,242	203,199,741	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 a. Table NO.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, 0.1 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 2006.  
 Beneficiaries = beneficiary (or beneficiaries); Bene Moths = 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, 2006

Top 10 Drug Groups	Users			Among Users			
	Total Medicaid Rx \$	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	\$33,506,304	21,217	5.5	233,506	0.6	\$224	\$143
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	17,919,201	23,833	6.2	260,692	0.6	106	69
ANTIDEPRESSANTS	17,326,120	52,030	13.4	549,141	0.5	65	32
ANTIASTHMATIC	15,132,404	67,353	17.4	721,310	0.3	76	21
ANTICONVULSANT	14,601,667	15,934	4.1	174,063	0.7	125	84
MISC. HEMATOLOGICAL	7,463,800	1,105	0.3	11,885	0.6	1,049	628
ULCER DRUGS	6,888,760	26,853	6.9	284,810	0.3	72	24
PASSIVE IMMUNIZING AGENTS	5,831,937	1,061	0.3	9,721	0.4	1,344	600
ANALGESICS - Narcotic	5,592,710	71,874	18.6	749,257	0.2	30	7
ANTIDIABETIC	5,586,081	10,481	2.7	112,230	0.7	76	50
Total	129,848,984	291,741	n.a.	3,106,615	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.

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 2006. 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 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.

Benef(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, 2006

Beneficiary Characteristics	All Top 10 Drug Groups							ANTIPSYCHOTICS				STIMULANTS/ANTI-OBESITY/ANOREXIANTS			
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes Among	Number of Benefit Months	Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes Among	Number of Benefit Months	Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month			
<b>All</b>	<b>1,268,817</b>	<b>\$129,848,984</b>	<b>21,217</b>	<b>5.5</b>	<b>233,506</b>	<b>0.6</b>	<b>\$144</b>	<b>23,833</b>	<b>6.2</b>	<b>260,692</b>	<b>0.6</b>	<b>\$69</b>			
<b>Female</b>															
All Females	742,282	65,380,481	10,757	4.8	117,750	0.6	128	7,776	3.4	84,796	0.6	65			
<b>Female, Disabled</b>															
All Ages	347,088	35,886,690	5,367	31.5	61,661	0.7	167	1,319	7.7	15,159	0.7	77			
5 and younger	4,326	1,245,674	18	2.0	210	0.5	78	26	2.8	301	0.4	42			
6-14	18,704	2,405,051	403	21.4	4,705	0.7	158	576	30.6	6,595	0.7	79			
15-20	21,610	2,709,921	551	31.0	6,365	0.7	153	353	19.9	4,075	0.7	82			
45-64	104,138	11,348,741	2,101	38.9	24,118	0.7	166	237	4.4	2,720	0.6	68			
45-64	198,017	18,150,633	2,291	32.6	26,237	0.7	173	127	1.8	1,468	0.6	75			
65-74	289	26,644	3	7.7	26	0.5	12	0	0.0	0	0.0	0			
75-84	4	26	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	395,194	29,493,791	5,390	2.6	56,089	0.4	85	6,457	3.1	69,637	0.6	62			
5 and younger	22,916	3,051,260	56	0.1	578	0.4	74	214	0.5	2,275	0.3	28			
6-14	74,737	6,922,898	1,252	2.8	13,878	0.6	118	4,039	9.0	44,180	0.6	64			
15-20	62,665	4,745,753	1,376	3.9	14,502	0.5	86	1,265	3.6	13,689	0.6	64			
21-44	203,584	12,596,465	2,448	3.3	24,662	0.3	67	875	1.2	8,830	0.5	58			
45-64	28,446	1,980,404	231	2.4	2,193	0.4	61	64	0.7	663	0.6	79			
65-74	1,811	134,248	19	8.6	198	0.6	125	0	0.0	0	0.0	0			
75-84	631	39,778	6	3.0	65	1.0	148	0	0.0	0	0.0	0			
85 and older	404	22,985	2	0.7	13	1.8	30	0	0.0	0	0.0	0			
<b>Male</b>															
All Males	526,535	64,468,503	10,460	6.5	115,756	0.7	160	16,057	10.0	175,896	0.7	71			
<b>Male, Disabled</b>															
All Ages	247,756	35,901,203	5,531	32.6	63,438	0.8	194	3,282	19.3	37,752	0.8	85			
5 and younger	6,765	1,715,128	32	2.5	362	0.6	87	81	6.4	930	0.5	38			
6-14	50,150	10,649,278	1,360	35.7	15,732	0.8	167	1,957	51.4	22,481	0.8	84			
15-20	38,362	6,255,057	1,163	40.9	13,389	0.8	188	961	33.8	11,098	0.8	94			
21-44	69,240	9,174,215	1,914	40.3	21,820	0.8	215	237	5.0	2,740	0.7	78			
45-64	83,142	8,102,174	1,061	24.7	12,133	0.8	203	46	1.1	503	0.7	87			
65-74	83	4,925	1	5.6	2	0.5	14	0	0.0	0	0.0	0			
75-84	14	426	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			

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, 2006

Beneficiary Characteristics	All Top 10 Drug Groups							ANTIPSYCHOTICS				STIMULANTS/ANTI-OBESITY/ANOREXIANTS						
	Number of Rx	Rx \$	Number of Users	Users as % of All Benes Among	Number of Benefit Months Users	Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes Among	Number of Benefit Months Users	Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes Among	Number of Benefit Months Users	Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	
<b>Male, Other Eligibles</b>																		
All Ages	278,779	28,567,300	4,929	3.4	52,318	0.6	118	12,775	8.9	138,144	0.6	67						
5 and younger	36,784	4,801,038	147	0.3	1,628	0.4	76	723	1.5	7,944	0.4	33						
6-14	135,762	14,199,518	2,577	5.6	28,498	0.6	125	9,395	20.3	102,432	0.6	66						
15-20	55,387	6,117,576	1,470	7.3	15,236	0.6	130	2,384	11.8	25,243	0.7	80						
21-44	37,921	2,522,484	615	2.8	5,700	0.4	71	257	1.2	2,358	0.5	63						
45-64	11,575	826,886	109	1.5	1,138	0.4	68	16	0.2	167	0.6	73						
65-74	882	77,568	5	3.6	60	0.9	227	0	0.0	0	0.0	0						
75-84	363	19,448	3	2.3	36	0.6	62	0	0.0	0	0.0	0						
85 and older	105	2,782	3	2.3	22	0.6	13	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 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 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 2006. 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 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 Benef(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.

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, 2006

Beneficiary Characteristics	ANTIDEPRESSANTS					ANTIASTHMATIC					ANTICONVULSANT				
	Number of Users	Users as %	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as %	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as %	Number of Benefit Months Among Users	Mean Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month
		Benefes		Benefes	Benefes		Benefes		Benefes	Benefes		Benefes			
<b>All</b>	<b>52,030</b>	<b>13.4</b>	<b>549,141</b>	<b>0.5</b>	<b>\$32</b>	<b>67,353</b>	<b>17.4</b>	<b>721,310</b>	<b>0.3</b>	<b>\$21</b>	<b>15,934</b>	<b>4.1</b>	<b>174,063</b>	<b>0.7</b>	<b>\$84</b>
<b>Female</b>															
All Females	37,752	16.7	395,987	0.5	32	37,324	16.5	399,516	0.3	21	10,016	4.4	109,082	0.6	78
<b>Female, Disabled</b>															
All Ages	11,059	64.9	126,549	0.6	43	8,590	50.4	98,235	0.4	38	5,333	31.3	61,024	0.8	101
5 and younger	8	0.9	96	0.4	12	454	49.7	5,004	0.3	22	109	11.9	1,226	0.7	82
6-14	368	19.5	4,262	0.6	25	507	26.9	5,974	0.4	33	409	21.7	4,760	0.8	131
15-20	745	41.9	8,603	0.6	35	433	24.4	5,026	0.3	27	433	24.4	5,037	0.9	134
21-44	3,977	73.7	45,650	0.6	42	2,463	45.6	28,245	0.4	32	2,017	37.4	23,025	0.8	111
45-64	5,946	84.5	67,847	0.7	46	4,722	67.1	53,921	0.5	44	2,359	33.5	26,936	0.8	81
65-74	14	35.9	83	0.6	31	11	28.2	65	0.8	65	6	15.4	40	0.6	48
75-84	1	50.0	8	0.1	1	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	26,693	12.7	269,438	0.4	27	28,734	13.7	301,281	0.2	16	4,683	2.2	48,058	0.4	50
5 and younger	69	0.2	726	0.3	17	7,991	17.6	84,393	0.2	11	123	0.3	1,345	0.4	42
6-14	2,162	4.8	23,664	0.5	20	6,450	14.3	70,534	0.2	18	453	1.0	4,929	0.6	73
15-20	5,114	14.6	53,459	0.4	22	4,038	11.5	42,452	0.2	14	693	2.0	7,215	0.5	58
21-44	17,561	23.9	174,016	0.4	28	9,137	12.4	92,369	0.2	17	3,000	4.1	30,294	0.4	45
45-64	1,699	17.8	16,615	0.5	37	1,066	11.2	10,988	0.4	31	388	4.1	4,033	0.5	46
65-74	56	25.5	616	0.6	42	39	17.7	412	0.6	48	19	8.6	182	0.6	26
75-84	18	9.0	183	0.6	34	6	3.0	61	0.6	55	3	1.5	32	1.3	45
85 and older	14	5.2	159	0.6	31	7	2.6	72	0.5	50	4	1.5	28	0.5	14
<b>Male</b>															
All Males	14,278	8.9	153,154	0.5	31	30,029	18.7	321,794	0.3	21	5,918	3.7	64,981	0.7	93
<b>Male, Disabled</b>															
All Ages	5,980	35.2	68,159	0.6	37	5,449	32.1	61,800	0.4	35	3,872	22.8	44,172	0.8	110
5 and younger	28	2.2	316	0.3	8	747	59.2	8,379	0.3	26	159	12.6	1,813	0.7	118
6-14	904	23.8	10,531	0.6	28	1,257	33.0	14,569	0.3	28	669	17.6	7,720	0.8	110
15-20	942	33.1	10,893	0.7	37	624	21.9	7,193	0.3	27	656	23.1	7,494	0.9	123
21-44	2,016	42.4	22,985	0.6	40	927	19.5	10,530	0.4	32	1,420	29.9	16,309	0.9	127
45-64	2,087	48.5	23,409	0.6	40	1,883	43.8	21,060	0.5	47	966	22.5	10,825	0.7	73
65-74	2	11.1	13	0.9	62	9	50.0	45	0.5	33	2	11.1	11	0.2	5
75-84	1	50.0	12	0.6	15	2	100.0	24	0.3	10	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

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, 2006

Beneficiary Characteristics	ANTIDEPRESSANTS					ANTIASTHMATIC					ANTICONVULSANT				
	Number of Users	Users	Number of	Mean	Mean Rx	Number of Users	Users	Number of	Mean	Mean Rx	Number of Users	Users	Number of	Mean	Mean Rx
		as %		Benefit Months			Rx per		\$ per			as %		Benefit Months	
Benes	Among Users	Benefit Month	Benefit Month	Benes	Among Users	Benefit Month	Benefit Month	Benes	Among Users	Benefit Month	Benefit Month	Benes	Among Users	Benefit Month	Benefit Month
<b>Male, Other Eligibles</b>															
All Ages	8,298	5.8	84,995	0.5	25	24,580	17.1	259,994	0.2	17	2,046	1.4	20,809	0.5	59
5 and younger	138	0.3	1,545	0.3	8	11,862	24.9	123,590	0.2	14	187	0.4	2,025	0.4	45
6-14	2,957	6.4	32,923	0.5	22	8,406	18.1	92,767	0.3	21	616	1.3	6,833	0.5	66
15-20	2,375	11.8	24,375	0.5	28	2,543	12.6	27,015	0.3	19	434	2.2	4,407	0.6	72
21-44	2,280	10.4	20,859	0.4	28	1,370	6.2	12,603	0.3	21	620	2.8	5,689	0.4	43
45-64	523	7.3	5,028	0.4	31	355	5.0	3,535	0.4	30	181	2.5	1,770	0.5	61
65-74	16	11.5	169	0.6	40	27	19.4	322	0.5	51	5	3.6	60	0.7	99
75-84	5	3.8	55	0.4	27	12	9.1	124	0.4	22	2	1.5	19	0.5	38
85 and older	4	3.1	41	0.7	7	5	3.9	38	0.5	39	1	0.8	6	0.3	4
<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 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 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 2006. 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 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 Benefic(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.

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, 2006

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>1,105</b>	<b>0.3</b>	<b>11,885</b>	<b>0.6</b>	<b>\$628</b>	<b>26,853</b>	<b>6.9</b>	<b>284,810</b>	<b>0.3</b>	<b>\$24</b>	<b>1,061</b>	<b>0.3</b>	<b>9,721</b>	<b>0.4</b>	<b>\$600</b>
<b>Female</b>															
All Females	562	0.2	6,205	0.6	89	18,225	8.0	194,236	0.3	23	511	0.2	4,709	0.4	558
<b>Female, Disabled</b>															
All Ages	446	2.6	5,050	0.6	97	6,513	38.2	74,732	0.5	36	153	0.9	1,637	0.4	564
5 and younger	0	0.0	0	0.0	0	193	21.1	2,083	0.5	44	150	16.4	1,601	0.4	570
6-14	1	0.1	12	1.0	20	232	12.3	2,714	0.6	66	2	0.1	24	0.4	80
15-20	2	0.1	24	0.5	5,108	296	16.7	3,466	0.4	35	0	0.0	0	0.0	0
21-44	37	0.7	371	0.6	53	1,919	35.6	22,194	0.4	29	0	0.0	0	0.0	0
45-64	404	5.7	4,623	0.6	74	3,855	54.8	44,129	0.5	37	1	0.0	12	0.3	681
65-74	2	5.1	20	0.6	72	18	46.2	146	0.3	23	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	116	0.1	1,155	0.4	56	11,712	5.6	119,504	0.2	15	358	0.2	3,072	0.4	555
5 and younger	0	0.0	0	0.0	0	1,412	3.1	13,039	0.2	14	358	0.8	3,072	0.4	555
6-14	1	0.0	12	0.1	319	1,093	2.4	12,226	0.2	14	0	0.0	0	0.0	0
15-20	1	0.0	12	0.1	2	1,980	5.6	21,077	0.2	10	0	0.0	0	0.0	0
21-44	55	0.1	546	0.4	44	6,334	8.6	64,037	0.2	15	0	0.0	0	0.0	0
45-64	48	0.5	483	0.5	64	803	8.4	8,189	0.4	25	0	0.0	0	0.0	0
65-74	5	2.3	60	0.6	59	59	26.8	597	0.5	32	0	0.0	0	0.0	0
75-84	2	1.0	19	0.4	55	17	8.5	196	0.4	18	0	0.0	0	0.0	0
85 and older	4	1.5	23	0.5	57	14	5.2	143	0.6	34	0	0.0	0	0.0	0
<b>Male</b>															
All Males	543	0.3	5,680	0.6	1,217	8,628	5.4	90,574	0.4	27	550	0.3	5,012	0.5	639
<b>Male, Disabled</b>															
All Ages	380	2.2	4,156	0.6	1,338	3,562	21.0	40,492	0.5	38	164	1.0	1,687	0.5	699
5 and younger	4	0.3	38	0.9	11	258	20.5	2,789	0.5	42	157	12.5	1,603	0.5	686
6-14	11	0.3	131	0.9	32,775	336	8.8	3,900	0.5	63	3	0.1	36	0.7	816
15-20	7	0.2	84	0.8	10,889	308	10.8	3,566	0.4	41	2	0.1	24	0.6	1,767
21-44	36	0.8	403	0.6	193	1,033	21.7	11,843	0.5	34	1	0.0	12	0.9	652
45-64	320	7.4	3,483	0.6	78	1,622	37.7	18,370	0.5	35	1	0.0	12	0.1	10
65-74	2	11.1	17	0.7	93	5	27.8	24	0.3	4	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

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, 2006

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>Male, Other Eligibles</b>															
All Ages	163	0.1	1,524	0.5	886	5,066	3.5	50,082	0.2	18	386	0.3	3,325	0.5	609
5 and younger	11	0.0	113	0.4	3,326	1,763	3.7	16,120	0.2	14	385	0.8	3,313	0.4	603
6-14	13	0.0	156	0.4	3,198	898	1.9	10,045	0.2	16	1	0.0	12	1.9	2,162
15-20	6	0.0	57	0.4	6,000	759	3.8	7,968	0.2	14	0	0.0	0	0.0	0
21-44	51	0.2	470	0.5	181	1,275	5.8	12,290	0.3	24	0	0.0	0	0.0	0
45-64	70	1.0	602	0.5	67	327	4.6	3,200	0.4	30	0	0.0	0	0.0	0
65-74	4	2.9	48	0.8	72	20	14.4	215	0.6	23	0	0.0	0	0.0	0
75-84	8	6.1	78	0.7	66	19	14.4	207	0.5	18	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	5	3.9	37	0.5	8	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	0.0	0	0.0	0

Source: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 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 2006. 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 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 Benes(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, 2006

Beneficiary Characteristics	ANALGESICS - Narcotic					ANTI-DIABETIC					Number of Beneficiaries	Number of Benefit Months
	Number of Users	Users as % of All Benes Among Users	Number of Benefit Months	Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes Among Users	Number of Benefit Months	Number of Rx per Benefit Month	Mean Rx \$ per Benefit Month		
<b>All</b>	<b>71,874</b>	<b>18.6</b>	<b>749,257</b>	<b>0.2</b>	<b>\$8</b>	<b>10,481</b>	<b>2.7</b>	<b>112,230</b>	<b>0.7</b>	<b>\$50</b>	<b>387,003</b>	<b>3,438,932</b>
<b>Female</b>												
All Females	53,067	23.4	553,776	0.2	7	7,201	3.2	77,323	0.6	49	226,421	1,994,724
<b>Female, Disabled</b>												
All Ages	11,030	64.7	125,778	0.4	20	4,085	24.0	46,519	0.7	55	17,048	186,031
5 and younger	89	9.7	1,020	0.1	1	1	0.1	12	0.5	38	914	9,158
6-14	202	10.7	2,366	0.1	1	23	1.2	267	0.7	88	1,883	21,121
15-20	436	24.5	5,046	0.1	2	55	3.1	605	0.8	62	1,776	19,667
21-44	4,122	76.4	47,156	0.3	13	845	15.7	9,623	0.6	50	5,396	59,181
45-64	6,162	87.6	70,061	0.5	26	3,154	44.8	35,972	0.8	56	7,037	76,670
65-74	17	43.6	109	0.6	87	7	17.9	40	1.0	82	39	206
75-84	2	100.0	20	0.2	1	0	0.0	0	0.0	0	2	18
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	10
<b>Female, Other Eligibles</b>												
All Ages	42,037	20.1	427,998	0.2	3	3,116	1.5	30,804	0.5	40	209,373	1,808,693
5 and younger	1,381	3.0	15,159	0.1	1	18	0.0	203	0.6	51	45,425	399,445
6-14	2,298	5.1	25,563	0.1	1	191	0.4	2,071	0.6	59	45,082	438,541
15-20	7,020	20.0	73,136	0.1	1	284	0.8	2,887	0.5	47	35,076	298,082
21-44	29,320	39.9	293,708	0.2	3	1,995	2.7	19,556	0.5	36	73,542	590,020
45-64	1,922	20.1	19,460	0.3	11	527	5.5	5,059	0.6	41	9,558	77,934
65-74	58	26.4	584	0.4	14	56	25.5	578	0.7	50	220	1,854
75-84	24	11.9	234	0.3	23	27	13.4	313	0.7	29	201	1,520
85 and older	14	5.2	154	0.3	12	18	6.7	137	0.6	42	269	1,297
<b>Male</b>												
All Males	18,807	11.7	195,481	0.3	9	3,280	2.0	34,907	0.7	52	160,582	1,444,208
<b>Male, Disabled</b>												
All Ages	5,483	32.3	61,555	0.4	22	1,996	11.7	22,494	0.7	53	16,988	183,368
5 and younger	125	9.9	1,402	0.1	1	2	0.2	24	0.6	40	1,261	12,860
6-14	344	9.0	4,010	0.1	2	24	0.6	276	0.6	65	3,806	42,745
15-20	500	17.6	5,818	0.1	4	55	1.9	602	0.8	71	2,845	31,565
21-44	1,722	36.2	19,276	0.3	11	406	8.5	4,567	0.7	57	4,753	51,740
45-64	2,786	64.8	31,016	0.5	36	1,502	34.9	16,976	0.7	51	4,302	44,321
65-74	6	33.3	33	0.3	6	6	33.3	37	0.5	19	18	106
75-84	0	0.0	0	0.0	0	1	50.0	12	0.1	1	2	24
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	7

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, 2006

Beneficiary Characteristics	ANALGESICS - Narcotic					ANTIDIABETIC						
	Number of Users	Users as % of All Benes Among	Number of Benefit Months	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Users	Users as % of All Benes Among	Number of Benefit Months	Mean Rx per Benefit Month	Mean Rx \$ per Benefit Month	Number of Beneficiaries	Number of Benefit Months
<b>Male, Other Eligibles</b>												
All Ages	13,324	9.3	133,926	0.2	4	1,284	0.9	12,413	0.6	49	143,594	1,260,840
5 and younger	1,932	4.1	21,217	0.1	1	28	0.1	295	0.5	46	47,582	417,947
6-14	2,283	4.9	25,440	0.1	1	161	0.3	1,816	0.7	65	46,317	450,201
15-20	2,821	14.0	28,893	0.1	1	140	0.7	1,417	0.8	77	20,175	178,221
21-44	5,316	24.2	48,982	0.3	6	548	2.5	4,937	0.6	45	21,993	156,273
45-64	923	12.9	8,843	0.4	11	371	5.2	3,553	0.6	38	7,128	55,284
65-74	27	19.4	315	0.5	41	23	16.5	259	0.7	53	139	1,124
75-84	17	12.9	191	0.2	2	11	8.3	112	0.8	26	132	1,044
85 and older	5	3.9	45	0.2	1	2	1.6	24	0.5	16	128	746
<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 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 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 2006. 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 2006. For information about these drug groups, see Wolters Kluwer Health, <http://www.medi-span.com/master-drug-database.aspx>.  
 Benef(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, 2006

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>\$484</b>	<b>7.4</b>	<b>482</b>	<b>5,246</b>
<b>Age</b>				
0-64	614	9.2	352	3,907
65-74	412	7.4	18	199
75-84	79	1.6	41	413
85 and older	35	1.2	71	727
Unknown	0	0.0	0	0
<b>Gender</b>				
Female	507	8.0	270	2,983
Male	454	6.6	212	2,263
Unknown	0	0.0	0	0
<b>Race</b>				
White	538	8.3	340	3,802
African American	611	7.5	15	180
Other/unknown	302	4.8	127	1,264
<b>Basis of Eligibility<sup>c</sup></b>				
Aged	105	2.2	129	1,338
Disabled	614	9.2	348	3,848
Adults	0	0.0	0	0
Children	581	6.7	5	60
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2006 Medicaid enrollment. A total of 558 beneficiaries who were in nursing facilities for part of their enrollment and their 5,607 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, 2006

Therapeutic Category	Number of Rx per Benefit Month Among Users				\$ per Benefit Month Among Users								Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Months
	Patented		Off-Patent		Patented		Off-Patent		Patented		Off-Patent						
	Total	Brand-Name	Brand-Name	Generic	Total	Brand-Name	Brand-Name	Generic	Total	Brand-Name	Brand-Name	Generic					
Anti-infective Agents	0.5	0.1	0.0	0.3	\$29	\$19	\$4	\$6	\$63	\$162	\$109	\$19	1,435	\$90,358	271	56.2	3,126
Biologicals	0.1	0.1	0.0	0.0	14	13	0	0	121	130	0	34	100	12,073	73	15.1	872
Antineoplastic Agents	1.0	0.2	0.0	0.8	145	122	0	23	148	800	0	28	58	8,574	6	1.2	59
Endocrine/Metabolic Drugs	1.6	0.7	0.1	0.7	85	67	8	10	53	90	65	14	3,788	200,602	208	43.2	2,367
Cardiovascular Agents	2.2	0.6	0.1	1.5	75	45	12	19	34	75	89	12	5,757	194,769	234	48.5	2,582
Respiratory Agents	1.2	0.6	0.1	0.5	81	66	5	10	69	117	77	18	2,513	173,861	188	39.0	2,152
Gastrointestinal Agents	1.3	0.3	0.1	1.0	57	35	6	15	43	127	119	15	3,804	163,066	253	52.5	2,886
Genitourinary Agents	0.8	0.3	0.2	0.2	60	33	22	5	80	103	101	25	726	58,042	84	17.4	965
CNS Drugs	2.2	0.8	0.2	1.1	202	156	21	24	93	186	97	22	7,814	730,007	319	66.2	3,620
Stimulants/Anti-obesity/Anorexia	1.2	0.3	0.0	0.9	30	19	0	11	25	68	0	12	101	2,527	7	1.5	84
Miscellaneous Psychological/Neurological Agents	1.1	1.1	0.0	0.0	599	599	0	0	528	528	0	0	251	132,457	20	4.1	221
Analgesics and Anesthetics	1.3	0.1	0.1	1.0	66	28	14	24	52	195	136	24	3,213	167,650	226	46.9	2,533
Neuromuscular Agents	1.9	0.6	0.1	1.2	166	116	11	39	89	203	89	33	4,776	424,124	225	46.7	2,552
Nutritional Products	0.9	0.0	0.1	0.8	21	0	4	17	25	7	59	22	908	22,427	96	19.9	1,068
Hematological Agents	1.2	0.2	0.1	0.9	50	37	2	11	41	180	18	12	1,320	54,344	103	21.4	1,095
Topical Products	0.6	0.1	0.1	0.4	26	11	8	7	41	83	59	20	1,928	78,889	267	55.4	3,060
Miscellaneous Products	0.7	0.1	0.2	0.4	77	17	41	19	107	131	174	54	206	22,015	24	5.0	285
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	11	0	0	0	46	0	0	0	63	2,910	23	4.8	261
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.	38,761	2,538,695	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 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 2006. A total of 558 beneficiaries who were in nursing facilities for part of their enrollment and their 5,607 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 2006. 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, 0.1 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, 2006

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 Rx per Benefit Month		
			Number of Benefit Months	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month		
ANTIPSYCHOTICS	\$495,663	187	38.8	2,151	1.1	\$215	\$230	
ANTICONVULSANT	349,851	255	52.9	2,886	1.2	104	121	
ANTIDEPRESSANTS	198,204	302	62.7	3,461	0.9	61	57	
ANTIASTHMATIC	148,502	205	42.5	2,377	0.8	76	62	
ANTIDIABETIC	144,076	177	36.7	2,061	1.1	61	70	
MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL	132,457	25	5.2	270	0.9	528	491	
ULCER DRUGS	120,571	242	50.2	2,789	0.8	56	43	
ANTHYPERLIPIDEMIC	91,360	102	21.2	1,174	0.9	88	78	
ANALGESICS - Narcotic	89,612	248	51.5	2,774	0.8	41	32	
DERMATOLOGICAL	49,541	530	110.0	6,150	0.3	32	8	
Total	1,819,837	2,273	n.a.	26,093	n.a.	n.a.	n.a.	

Source: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 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 2006. A total of 558 beneficiaries who were in nursing facilities for part of their enrollment and their 5,607 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 2006. 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 2006 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, 2006

Beneficiary Characteristics	All Top 10 Drug Groups							ANTIPSYCHOTICS			ANTICONSULSANT		
	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>20,474</b>	<b>\$1,819,837</b>	<b>187</b>	<b>38.8</b>	<b>2,151</b>	<b>1.1</b>	<b>\$230</b>	<b>255</b>	<b>52.9</b>	<b>2,886</b>	<b>1.2</b>	<b>\$121</b>	
<b>Female</b>													
All Females	12,206	1,048,053	110	40.7	1,255	1.1	195	137	50.7	1,540	1.2	117	
<b>Female, Disabled</b>													
All Ages	11,114	969,919	99	51.3	1,134	1.1	196	129	66.8	1,446	1.2	123	
64 or younger	11,114	969,919	99	51.6	1,134	1.1	196	129	67.2	1,446	1.2	123	
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>Female, Other Eligibles</b>													
All Ages	1,092	78,134	11	14.3	121	1.1	186	8	10.4	94	1.0	26	
64 or younger	14	218	0	0.0	0	0.0	0	1	100.0	12	1.2	18	
65-74	568	47,090	5	50.0	60	0.9	211	5	50.0	60	0.8	19	
75-84	232	17,297	4	17.4	48	1.2	196	1	4.3	12	2.5	85	
85 and older	278	13,529	2	4.7	13	1.8	30	1	2.3	10	0.4	5	
<b>Male</b>													
All Males	8,268	771,784	77	36.3	896	1.1	281	118	55.7	1,346	1.1	126	
<b>Male, Disabled</b>													
All Ages	7,734	729,917	74	47.7	860	1.1	289	111	71.6	1,262	1.2	126	
64 or younger	7,734	729,917	74	47.7	860	1.1	289	111	71.6	1,262	1.2	126	
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	534	41,867	3	5.3	36	0.8	94	7	12.3	84	0.9	125	
64 or younger	159	22,603	0	0.0	0	0.0	0	5	125.0	60	1.0	168	
65-74	203	9,962	1	14.3	12	1.0	187	2	28.6	24	0.8	16	
75-84	78	5,188	1	5.6	12	0.9	88	0	0.0	0	0.0	0	
85 and older	94	4,114	1	3.6	12	0.6	6	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.2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 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 2006. A total of 558 beneficiaries who were in nursing facilities for part of their enrollment and their 5,607 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 2006. 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 2006 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, 2006

Beneficiary Characteristics	ANTIDEPRESSANTS					ANTIASTHMATIC					ANTIDIABETIC				
	Number of Users	Users as % of	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$	Number of Users	Users as % of	Number of Benefit Months Among Users	Mean Number of Rx	Mean Rx \$
		All-Year Nursing Facility Residents					All-Year Nursing Facility Residents					All-Year Nursing Facility Residents			
<b>All</b>	<b>302</b>	<b>62.7</b>	<b>3,461</b>	<b>0.9</b>	<b>\$57</b>	<b>205</b>	<b>42.5</b>	<b>2,377</b>	<b>0.8</b>	<b>\$63</b>	<b>177</b>	<b>36.7</b>	<b>2,061</b>	<b>1.1</b>	<b>\$70</b>
<b>Female</b>															
All Females	188	69.6	2,178	1.0	61	106	39.3	1,222	0.6	51	126	46.7	1,459	1.2	79
<b>Female, Disabled</b>															
All Ages	171	88.6	1,974	1.0	62	93	48.2	1,068	0.7	52	102	52.8	1,215	1.3	84
64 or younger	171	89.1	1,974	1.0	62	93	48.4	1,068	0.7	52	102	53.1	1,215	1.3	84
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>Female, Other Eligibles</b>															
All Ages	17	22.1	204	0.8	52	13	16.9	154	0.5	45	24	31.2	244	0.9	49
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	8	80.0	96	0.8	46	10	100.0	120	0.6	57	9	90.0	108	1.2	79
75-84	3	13.0	36	0.8	79	1	4.3	12	0.1	6	4	17.4	47	0.9	22
85 and older	6	14.0	72	0.9	45	2	4.7	22	0.1	4	11	25.6	89	0.5	28
<b>Male</b>															
All Males	114	53.8	1,283	0.9	51	99	46.7	1,155	1.0	74	51	24.1	602	0.9	49
<b>Male, Disabled</b>															
All Ages	108	69.7	1,211	0.9	53	90	58.1	1,047	1.0	72	49	31.6	578	0.9	49
64 or younger	108	69.7	1,211	0.9	53	90	58.1	1,047	1.0	72	49	31.6	578	0.9	49
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	6	10.5	72	0.8	20	9	15.8	108	0.8	94	2	3.5	24	1.7	58
64 or younger	1	25.0	12	0.4	18	5	125.0	60	1.0	142	0	0.0	0	0.0	0
65-74	3	42.9	36	0.8	28	1	14.3	12	1.2	43	1	14.3	12	2.4	90
75-84	0	0.0	0	0.0	0	1	5.6	12	0.1	1	0	0.0	0	0.0	0
85 and older	2	7.1	24	1.0	9	2	7.1	24	0.5	46	1	3.6	12	0.9	26
<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.2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 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 2006. A total of 558 beneficiaries who were in nursing facilities for part of their enrollment and their 5,607 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 2006. 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 2006 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, 2006

Beneficiary Characteristics	MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL					ULCER DRUGS					ANTHYPERLIPIDEMIC				
	Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean		Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean		Number of Users	Users as % of All-Year Nursing Facility Residents	Number of Benefit Months Among Users	Mean	
		Rx		Mean Rx \$	Rx		Mean Rx \$		Rx	Mean Rx \$		Rx		Mean Rx \$	
<b>All</b>	<b>25</b>	<b>5.2</b>	<b>270</b>	<b>0.9</b>	<b>\$491</b>	<b>242</b>	<b>50.2</b>	<b>2,789</b>	<b>0.8</b>	<b>\$43</b>	<b>102</b>	<b>21.2</b>	<b>1,174</b>	<b>0.9</b>	<b>\$78</b>
<b>Female</b>															
All Females	16	5.9	170	1.0	618	138	51.1	1,600	0.8	43	67	24.8	792	0.9	76
<b>Female, Disabled</b>															
All Ages	14	7.3	168	1.0	622	119	61.7	1,393	0.8	43	59	30.6	697	0.9	77
64 or younger	14	7.3	168	1.0	622	119	62.0	1,393	0.8	43	59	30.7	697	0.9	77
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>Female, Other Eligibles</b>															
All Ages	2	2.6	2	1.5	234	19	24.7	207	0.7	40	8	10.4	95	0.8	72
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	8	80.0	96	0.7	52	2	20.0	24	1.1	137
75-84	0	0.0	0	0.0	0	1	4.3	12	1.0	11	5	21.7	59	0.6	43
85 and older	2	4.7	2	1.5	234	10	23.3	99	0.7	33	1	2.3	12	1.0	81
<b>Male</b>															
All Males	9	4.2	100	0.8	275	104	49.1	1,189	0.8	44	35	16.5	382	0.9	81
<b>Male, Disabled</b>															
All Ages	7	4.5	76	0.8	321	96	61.9	1,101	0.8	43	32	20.6	354	0.9	80
64 or younger	7	4.5	76	0.8	321	96	61.9	1,101	0.8	43	32	20.6	354	0.9	80
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	2	3.5	24	1.0	130	8	14.0	88	0.7	61	3	5.3	28	0.8	97
64 or younger	0	0.0	0	0.0	0	1	25.0	12	1.0	272	0	0.0	0	0.0	0
65-74	0	0.0	0	0.0	0	1	14.3	12	0.9	134	0	0.0	0	0.0	0
75-84	1	5.6	12	1.0	153	4	22.2	40	0.7	9	2	11.1	16	0.8	111
85 and older	1	3.6	12	0.9	107	2	7.1	24	0.5	5	1	3.6	12	0.8	78
<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 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 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 2006. A total of 558 beneficiaries who were in nursing facilities for part of their enrollment and their 5,607 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 2006. 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 2006 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, 2006

Beneficiary Characteristics	ANALGESICS - Narcotic					DERMATOLOGICAL						
	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>248</b>	<b>51.5</b>	<b>2,774</b>	<b>0.8</b>	<b>\$32</b>	<b>530</b>	<b>110.0</b>	<b>6,150</b>	<b>0.3</b>	<b>\$8</b>	<b>482</b>	<b>5,246</b>
<b>Female</b>												
All Females	144	53.3	1,614	0.8	31	318	117.8	3,701	0.3	8	270	2,983
<b>Female, Disabled</b>												
All Ages	129	66.8	1,437	0.8	30	278	144.0	3,242	0.3	9	193	2,161
64 or younger	129	67.2	1,437	0.8	30	278	144.8	3,242	0.3	9	192	2,160
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	1
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	15	19.5	177	0.6	33	40	51.9	459	0.2	5	77	822
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	12
65-74	7	70.0	84	0.9	49	15	150.0	180	0.2	7	10	120
75-84	1	4.3	12	0.7	5	8	34.8	96	0.2	2	23	251
85 and older	7	16.3	81	0.3	20	17	39.5	183	0.2	5	43	439
<b>Male</b>												
All Males	104	49.1	1,160	0.8	35	212	100.0	2,449	0.3	8	212	2,263
<b>Male, Disabled</b>												
All Ages	97	62.6	1,076	0.8	37	188	121.3	2,164	0.2	8	155	1,687
64 or younger	97	62.6	1,076	0.8	37	188	121.3	2,164	0.2	8	155	1,687
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	7	12.3	84	0.5	7	24	42.1	285	0.3	12	57	576
64 or younger	2	50.0	24	0.1	1	8	200.0	96	0.2	5	4	48
65-74	3	42.9	36	1.1	16	7	100.0	84	0.6	30	7	78
75-84	2	11.1	24	0.1	1	5	27.8	60	0.2	2	18	162
85 and older	0	0.0	0	0.0	0	4	14.3	45	0.1	1	28	288
<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>

Sources: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 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 2006. A total of 558 beneficiaries who were in nursing facilities for part of their enrollment and their 5,607 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 2006. 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 2006 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, 2006

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>87,936</b>	<b>22.7</b>	<b>0.8</b>	<b>296,553</b>	<b>\$10</b>	<b>\$3,994,994</b>	<b>\$13</b>	<b>2.0</b>	<b>387,003</b>
<b>Age</b>									
5 and younger	25,679	27.0	0.5	49,010	8	766,789	16	3.9	95,182
6-14	18,588	19.1	0.4	40,843	6	591,510	14	1.3	97,088
15-20	11,445	19.1	0.5	29,596	6	385,766	13	1.3	59,872
21-44	23,658	22.4	0.9	97,935	11	1,190,413	12	2.0	105,684
45-64	8,211	29.3	2.7	75,579	37	1,027,207	14	2.1	28,025
65-74	132	31.7	3.0	1,263	33	13,903	11	2.7	416
75-84	104	30.9	3.0	1,025	23	7,896	8	4.7	337
85 and older	119	29.8	3.3	1,302	29	11,510	9	19.4	399
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Basis of Eligibility<sup>c</sup></b>									
Aged	334	31.8	3.3	3,476	30	31,766	9	4.9	1,050
Disabled	15,636	45.9	3.7	127,275	52	1,760,639	14	1.7	34,036
Adults	21,743	17.7	0.6	68,272	7	810,877	12	2.2	122,497
Children	50,123	21.9	0.4	97,073	6	1,385,882	14	2.3	229,178
Unknown	100	41.3	1.9	457	24	5,830	13	1.4	242
<b>Gender</b>									
Female	54,748	24.2	0.9	194,284	11	2,563,564	13	2.3	226,421
Male	33,188	20.7	0.6	102,269	9	1,431,430	14	1.6	160,582
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
<b>Race</b>									
White	55,468	26.6	1.0	212,420	14	2,866,774	13	1.9	208,716
African American	5,956	20.8	0.6	16,398	7	207,394	13	1.8	28,602
Other/unknown	26,512	17.7	0.5	67,735	6	920,826	14	2.2	149,685
<b>Use of Nursing Facilities<sup>d</sup></b>									
Entire year	413	85.7	18.8	9,062	223	107,355	12	4.2	482
Part year	482	86.4	12.0	6,683	142	79,480	12	2.7	558
None	87,041	22.6	0.7	280,808	10	3,808,159	14	1.9	385,963
<b>Maintenance Assistance Status</b>									
Cash	41,280	31.6	1.3	173,746	18	2,325,429	13	2.0	130,604
Medically needy	1,114	16.2	0.7	4,669	9	62,359	13	2.2	6,866
Poverty related	24,568	18.8	0.3	44,742	5	638,144	14	2.7	130,711
Other/unknown	20,974	17.7	0.6	73,396	8	969,062	13	1.6	118,822

Source: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.

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 2006.

b. The statute establishing the Medicare Part D prescription program that started in 2006 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 2006 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, 2006

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>\$13</b>	<b>\$0</b>	<b>\$0</b>	<b>3,438,932</b>
<b>Age</b>						
5 and younger	0.1	1	16	0	0	839,410
6-14	0.0	1	14	0	0	952,608
15-20	0.1	1	13	0	0	527,535
21-44	0.1	1	12	0	1	857,214
45-64	0.3	4	14	0	2	254,209
65-74	0.4	4	11	0	1	3,290
75-84	0.4	3	8	0	1	2,606
85 and older	0.6	6	9	0	2	2,060
Unknown	0.0	0	0	0	0	0
<b>Basis of Eligibility<sup>c</sup></b>						
Aged	0.5	4	9	0	1	7,370
Disabled	0.3	5	14	0	2	369,399
Adults	0.1	1	12	0	0	960,916
Children	0.0	1	14	0	0	2,098,973
Unknown	0.2	3	13	0	1	2,274
<b>Gender</b>						
Female	0.1	1	13	0	0	1,994,724
Male	0.1	1	14	0	0	1,444,208
Unknown	0.0	0	0	0	0	0
<b>Race</b>						
White	0.1	1	13	0	0	1,929,428
African American	0.1	1	13	0	0	267,378
Other/unknown	0.1	1	14	0	0	1,242,126
<b>Use of Nursing Facilities<sup>d</sup></b>						
Entire year	1.7	20	12	1	6	5,246
Part year	1.2	14	12	0	5	5,607
None	0.1	1	14	0	0	3,428,079
<b>Maintenance Assistance Status</b>						
Cash	0.1	2	13	0	1	1,226,480
Medically needy	0.1	1	13	0	1	51,063
Poverty related	0.0	1	14	0	0	1,123,080
Other/unknown	0.1	1	13	0	0	1,038,309

Source: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.

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 2006.

b. The statute establishing the Medicare Part D prescription program that started in 2006 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 2006 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, 2006

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>109,657</b>	<b>\$36</b>	<b>\$3,994,994</b>	<b>100.0</b>	<b>296,553</b>	<b>\$13</b>	<b>100.0</b>
Anorexia or weight loss/gain	7	35	242	0.0	8	30	0.0
Fertility drugs	1	65	65	0.0	1	65	0.0
Drugs for cosmetic purposes	231	14	3,183	0.1	304	10	0.1
Cough and cold medications	47,595	29	1,384,698	34.7	76,623	18	25.8
Vitamins and minerals	3,087	112	346,464	8.7	15,908	22	5.4
Non-prescription drugs	41,990	25	1,044,835	26.2	110,115	9	37.1
Barbiturates	550	87	47,767	1.2	5,141	9	1.7
Benzodiazepines	14,946	73	1,084,785	27.2	85,607	13	28.9
Other Part D Excl Rx Drugs	1,250	66	82,955	2.1	2,846	29	1.0

Source: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 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 2006. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2006. 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 ND.11.  
 b. Includes OTC drugs as well as prescription drugs.  
 c. The statute establishing the Medicare Part D prescription program that started in 2006 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 2006 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, 2006

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>388,411</b>	<b>1,050</b>	<b>34,036</b>	<b>122,699</b>	<b>230,384</b>	<b>242</b>	<b>3,471,087</b>	<b>7,370</b>	<b>369,559</b>	<b>968,258</b>	<b>2,123,626</b>	<b>2,274</b>
<b>Age</b>												
5 and younger	95,609	0	2,175	179	93,255	0	848,610	0	22,045	1,487	825,078	0
6-14	97,691	0	5,689	102	91,900	0	964,262	0	63,907	940	899,415	0
15-20	60,050	0	4,621	12,223	43,206	0	532,186	0	51,272	95,615	385,299	0
21-44	105,866	3	10,149	93,695	1,977	42	863,497	13	110,939	738,686	13,473	386
45-64	28,043	7	11,339	16,452	46	199	254,576	45	121,025	131,262	361	1,883
65-74	416	312	57	46	0	1	3,290	2,711	312	262	0	5
75-84	337	332	4	1	0	0	2,606	2,560	42	4	0	0
85 and older	399	396	2	1	0	0	2,060	2,041	17	2	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Gender</b>												
Female	227,155	669	17,048	93,709	115,487	242	2,013,373	4,548	186,110	756,014	1,064,427	2,274
Male	161,256	381	16,988	28,990	114,897	0	1,457,714	2,822	183,449	212,244	1,059,199	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
<b>Race</b>												
White	209,410	490	23,097	61,157	124,625	41	1,945,969	3,266	258,804	498,369	1,185,132	398
African American	29,045	36	3,174	7,742	18,089	4	276,982	361	34,283	64,509	177,781	48
Other/unknown	149,956	524	7,765	53,800	87,670	197	1,248,136	3,743	76,472	405,380	760,713	1,828
<b>Use of Nursing Facilities<sup>c</sup></b>												
Entire year	482	129	348	0	5	0	5,246	1,338	3,848	0	60	0
Part year	558	78	453	20	7	0	5,610	583	4,773	175	79	0
None	387,371	843	33,235	122,679	230,372	242	3,460,231	5,449	360,938	968,083	2,123,487	2,274
<b>Maintenance Assistance Status</b>												
Cash	131,099	250	25,175	42,824	62,850	0	1,239,705	2,457	274,533	360,739	601,976	0
Medically needy	6,866	127	392	5,227	1,120	0	51,169	1,033	2,564	39,048	8,524	0
Poverty related	131,417	9	15	12,901	118,250	242	1,136,418	96	95	78,687	1,055,266	2,274
Other/unknown	119,029	664	8,454	61,747	48,164	0	1,043,795	3,784	92,367	489,784	457,860	0
<b>Managed Care (MC) Status</b>												
Fee-for-service (FFS) all year	380,485	1,050	33,996	120,576	224,621	242	3,395,729	7,370	369,101	949,200	2,067,784	2,274
FFS part year, with Rx claims	2,557	0	34	971	1,552	0	25,113	0	387	9,010	15,716	0
FFS part year, no Rx claims	1,183	0	6	221	956	0	9,800	0	71	1,576	8,153	0
MC all year, with Rx claims	2,778	0	0	729	2,049	0	28,940	0	0	7,214	21,726	0
MC all year, no Rx claims	1,408	0	0	202	1,206	0	11,505	0	0	1,258	10,247	0

Source: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.

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 1 of Table 1 for methodology used to determine nursing facility residence.  
 Benef(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, 2006

	Beneficiaries and Benefit Months in Cell J of Table 1		Included in Cell K of Table 1		Excluded from Cell K 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>388,411</b>	<b>3,471,087</b>	<b>387,003</b>	<b>3,438,932</b>	<b>0</b>	<b>32,155</b>
Fee-for-service (FFS) all year	380,485	3,395,729	380,485	3,395,729	0	0
FFS part year, with Rx claims	2,557	25,113	2,557	10,483	0	14,630
FFS part year, with no Rx claims	1,183	9,800	1,183	3,780	0	6,020
Managed care (MC) all year, with Rx claims	2,778	28,940	2,778	28,940	0	0
MC all year, with no Rx claims	1,408	11,505	0	0	0	11,505

Source: Data for this table are from the MAX 2006 file for Iowa, released by CMS in 5/2009. This table was produced on 02/12/2010.  
 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.