

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

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TABLE ND.2
 CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a,b}
 NONDUAL BENEFICIARIES, MICHIGAN, 2001

Beneficiary Characteristics	No. of Benes						No. of Bene Mos					
	All	Aged	Disabled	Adults	Children	Other/ Unknown	All	Aged	Disabled	Adults	Children	Other/ Unknown
All	622,998	3,206	62,321	164,742	392,452	277	2,985,502	21,306	404,794	662,629	1,895,270	1,503
Age												
5 and younger	173,467	0	4,880	472	168,059	56	815,221	0	37,743	2,019	775,186	273
6-14	170,266	0	10,459	336	159,431	40	871,698	0	78,942	1,563	790,952	241
15-20	90,579	0	6,796	21,106	62,526	151	477,402	0	52,318	103,101	321,085	898
21-44	153,359	0	18,652	132,429	2,250	28	641,447	0	113,018	521,320	7,024	85
45-64	31,251	7	20,845	10,373	24	2	151,947	46	117,314	34,504	77	6
65-74	1,573	989	564	19	1	0	12,640	7,964	4,584	91	1	0
75-84	1,224	1,122	100	2	0	0	8,438	7,653	773	12	0	0
85 and older	1,116	1,088	25	3	0	0	5,758	5,643	102	13	0	0
Unknown	163	0	0	2	161	0	951	0	0	6	945	0
Gender												
Female	359,385	2,159	29,781	134,599	192,740	106	1,699,837	14,197	192,536	566,220	926,303	581
Male	263,613	1,047	32,540	30,143	199,712	171	1,285,665	7,109	212,258	96,409	968,967	922
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	381,246	1,973	34,852	106,775	237,489	157	1,891,806	12,280	235,233	439,411	1,204,025	857
African American	182,023	553	20,504	45,383	115,508	75	802,047	3,716	121,528	172,115	504,253	435
Other/unknown	59,729	680	6,965	12,584	39,455	45	291,649	5,310	48,033	51,103	186,992	211
Use of Nursing Facilities^c												
Entire year	1,419	386	1,033	0	0	0	15,177	3,847	11,330	0	0	0
Part year	1,303	223	1,064	12	4	0	9,909	1,896	7,891	95	27	0
None	620,276	2,597	60,224	164,730	392,448	277	2,960,416	15,563	385,573	662,534	1,895,243	1,503
Maintenance Assistance Status												
Cash	144,501	700	43,921	37,834	62,046	0	713,904	6,422	310,973	152,111	244,398	0
Medically needy	72,028	245	2,546	44,465	24,772	0	267,979	1,292	10,979	155,817	99,891	0
Poverty-related	264,742	28	84	36,762	227,868	0	1,286,819	299	582	176,619	1,109,319	0
Other/unknown	141,727	2,233	15,770	45,681	77,766	277	716,800	13,293	82,260	178,082	441,662	1,503
Managed Care Status												
FFS all year	259,182	3,072	30,303	79,998	145,538	271	1,612,078	20,496	268,069	368,097	953,928	1,488
FFS part year, with Rx claims	150,041	98	21,895	48,443	79,603	2	646,106	639	99,026	190,145	356,290	6
FFS part year, no Rx claims	213,775	36	10,123	36,301	167,311	4	727,318	171	37,699	104,387	585,052	9

Table ND2

Nondual Beneficiaries

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

- 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 = Center for Medicare and Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; Rx = pharmacy benefit.

TABLE ND.3

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC^{a,b}
NONDUAL BENEFICIARIES, MICHIGAN, 2001

Beneficiary Characteristics	% with at Least One Rx	Mean No. of Rx	Mean Rx \$	\$ per Rx	Mean \$, All Services	Rx \$ as % of All Services	No. of Benefes
All	42.8 %	3.7	\$186	\$51	\$1,936	9.6 %	622,998
Age							
5 and younger	37.9	1.5	44	30	1,547	2.8	173,467
6-14	32.6	2.3	143	63	1,045	13.7	170,266
15-20	43.6	3.2	170	53	1,563	10.8	90,579
21-44	54.2	4.8	243	51	2,306	10.6	153,359
45-64	66.4	17.2	910	53	7,745	11.8	31,251
65-74	59.4	17.5	751	43	3,812	19.7	1,573
75-84	50.7	23.5	877	37	6,374	13.8	1,224
85 and older	40.2	18.0	605	34	8,233	7.4	1,116
Unknown	0.0	0.0	0	0	0	0.0	163
Basis of Eligibility^c							
Aged	50.0	19.6	736	38	6,261	11.8	3,206
Disabled	67.7	16.6	1,073	65	8,288	12.9	62,321
Adults	52.8	3.3	117	36	1,712	6.8	164,742
Children	34.6	1.6	70	43	987	7.1	392,452
Unknown	37.5	1.2	37	30	823	4.5	277
Gender							
Female	45.8	3.9	175	45	1,869	9.3	359,385
Male	38.7	3.4	202	60	2,028	10.0	263,613
Unknown	0.0	0.0	0	0	0	0.0	0
Race							
White	46.7	4.3	216	51	1,891	11.4	381,246
African American	35.9	2.6	135	52	2,079	6.5	182,023
Other/unknown	39.0	3.1	151	49	1,790	8.4	59,729
Use of Nursing Facilities^d							
Entire year	91.5	67.9	2,938	43	46,232	6.4	1,419
Part year	92.1	53.1	2,480	47	35,916	6.9	1,303
None	42.6	3.4	175	51	1,764	9.9	620,276
Maintenance Assistance Status							
Cash	49.7	7.0	408	58	3,401	12.0	144,501
Medically needy	45.2	3.4	163	48	1,696	9.6	72,028
Poverty related	35.9	1.5	52	35	1,022	5.1	264,742
Other/unknown	47.3	4.5	223	50	2,274	9.8	141,727

Table ND3

Nondual Beneficiaries

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

- 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. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
 - d. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.
- Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.4
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b}
 NONDUAL BENEFICIARIES, MICHIGAN, 2001

Beneficiary Characteristics	Mean No. of Rx	Mean Rx \$	Rx \$ as % of All Services	No. of Rx, % with:						Mean \$, All Services	Benes	Bene Mos
				None	More than 0, but 1 or Less	More than 1, but 2 or Less	More than 2, but 5 or Less	Less than 5, but 10 or More	More than 10			
All	0.8	\$39	9.6 %	57.2 %	30.7 %	4.8 %	4.5 %	1.9 %	0.9 %	\$404	622,998	2,985,502
Age												
5 and younger	0.3	9	2.8	62.1	34.2	2.5	1.1	0.1	0.0	329	173,467	815,221
6-14	0.4	28	13.7	67.4	25.1	3.3	2.9	0.9	0.4	204	170,266	871,698
15-20	0.6	32	10.8	56.4	34.0	4.9	3.4	0.9	0.4	297	90,579	477,402
21-44	1.1	58	10.6	45.8	34.1	8.0	7.7	3.0	1.4	551	153,359	641,447
45-64	3.5	187	11.8	33.6	18.9	9.7	18.4	12.8	6.6	1,593	31,251	151,947
65-74	2.2	93	19.7	40.6	22.1	10.0	16.4	8.8	2.2	474	1,573	12,640
75-84	3.4	127	13.8	49.3	10.4	7.5	15.8	12.7	4.2	925	1,224	8,438
85 and older	3.5	117	7.4	59.8	6.8	5.6	12.2	13.1	2.5	1,596	1,116	5,758
Unknown	0.0	0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0	163	951
Basis of Eligibility^c												
Aged	2.9	111	11.8	50.0	13.4	7.7	14.7	11.4	2.9	942	3,206	21,306
Disabled	2.6	165	12.9	32.3	24.7	9.9	16.8	10.5	5.8	1,276	62,321	404,794
Adults	0.8	29	6.8	47.2	36.5	7.5	6.2	1.9	0.7	426	164,742	662,629
Children	0.3	15	7.1	65.4	29.5	2.9	1.7	0.4	0.1	205	392,452	1,895,270
Unknown	0.2	7	4.5	62.5	36.5	0.0	1.1	0.0	0.0	152	277	1,503
Gender												
Female	0.8	37	9.3	54.2	32.9	5.2	4.6	2.0	1.0	395	359,385	1,699,837
Male	0.7	42	10.0	61.3	27.8	4.3	4.3	1.7	0.7	416	263,613	1,285,665
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Race												
White	0.9	44	11.4	53.3	32.8	5.4	5.2	2.2	1.1	381	381,246	1,891,806
African American	0.6	31	6.5	64.1	26.8	4.0	3.3	1.3	0.5	472	182,023	802,047
Other/unknown	0.6	31	8.4	61.0	29.7	3.8	3.5	1.3	0.6	367	59,729	291,649
Use of Nursing Facilities^d												
Entire year	6.3	275	6.4	8.5	5.6	6.3	25.7	38.3	15.6	4,323	1,419	15,177
Part year	7.0	326	6.9	7.9	7.8	6.7	24.4	31.5	21.8	4,723	1,303	9,909
None	0.7	37	9.9	57.4	30.9	4.8	4.4	1.7	0.8	370	620,276	2,960,416
Maintenance Assistance Status												
Cash	1.4	83	12.0	50.3	29.4	6.4	7.6	4.1	2.2	688	144,501	713,904
Medically needy	0.9	44	9.6	54.8	27.7	7.1	7.1	2.5	0.9	456	72,028	267,979
Poverty related	0.3	11	5.1	64.1	31.4	2.7	1.4	0.3	0.1	210	264,742	1,286,819
Other/unknown	0.9	44	9.8	52.7	32.4	5.9	5.8	2.2	0.9	450	141,727	716,800

Table ND4

Nondual Beneficiaries

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

- 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. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
- d. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

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

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

- 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 Michigan, 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 combined. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- d. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
- e. Please refer to footnote f of Table 1 for methodology used to determine nursing facility residence.

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

TABLE ND.6

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d}
 NONDUAL BENEFICIARIES, MICHIGAN, 2001

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			\$ per Rx			Users							
	Total	Patented	Off-Patent	Total	Patented	Off-Patent	Total	Patented	Off-Patent	Generic	Total No. of Rx	Total Rx \$	No.	As % of All Benes	No. of Bene Mos		
																Brand-Name	Brand-Name
Anti-infective Agents	0.3	0.1	0.0	0.2	\$12	\$10	\$0	\$2	\$39	\$78	\$91	\$10	299,915	\$11,803,825	147,790	23.7 %	1,011,769
Biologicals	0.6	0.2	0.0	0.3	985	200	54	731	1699	1,047	1,388	2,089	386	655,914	69	0.0	666
Antineoplastic Agents	0.5	0.3	0.1	0.2	142	118	15	8	269	432	165	50	6,027	1,618,946	1,459	0.2	11,421
Endocrine/Metabolic Drugs	0.5	0.3	0.1	0.2	25	21	2	2	52	83	31	14	152,144	7,936,159	45,525	7.3	318,410
Cardiovascular Agents	1.1	0.4	0.0	0.6	32	22	1	10	30	54	30	15	195,291	5,934,256	27,083	4.3	182,781
Respiratory Agents	0.5	0.3	0.0	0.2	22	19	0	4	47	62	32	21	237,970	11,075,330	70,112	11.3	496,767
Gastrointestinal Agents	0.5	0.3	0.0	0.2	35	28	2	4	69	107	163	18	91,819	6,375,597	25,621	4.1	183,047
Genitourinary Agents	0.3	0.2	0.0	0.1	9	8	0	1	34	42	37	15	33,165	1,126,842	16,470	2.6	120,879
CNS Drugs	1.2	0.6	0.1	0.5	79	63	6	10	67	99	94	20	452,608	30,326,217	62,872	10.1	384,169
Stimulants/Anti-obesity/Anorexia	0.9	0.5	0.0	0.4	37	27	1	9	40	53	37	24	100,559	4,039,370	16,155	2.6	108,849
Miscellaneous Psychological/Neurological Agents	0.4	0.3	0.0	0.1	51	44	0	7	133	171	56	57	3,657	485,599	1,229	0.2	9,440
Analgesics and Anesthetics	0.5	0.1	0.0	0.4	17	12	1	4	34	122	89	11	249,050	8,569,067	78,818	12.7	515,279
Neuromuscular Agents	1.0	0.5	0.1	0.4	60	48	3	9	59	88	43	23	197,733	11,718,806	28,978	4.7	196,384
Nutritional Products	0.3	0.0	0.0	0.3	4	0	0	3	12	14	18	12	70,763	863,996	33,124	5.3	230,465
Hematological Agents	0.5	0.2	0.1	0.3	149	126	7	17	273	820	100	51	30,155	8,224,000	7,234	1.2	55,027
Topical Products	0.3	0.1	0.0	0.2	7	4	0	3	26	48	37	15	145,711	3,752,637	75,667	12.1	544,837
Miscellaneous Products	0.4	0.2	0.0	0.2	52	41	6	6	121	199	228	29	12,270	1,489,178	3,362	0.5	28,491
Unknown Therapeutic Category	0.2	0.0	0.0	0.0	5	0	0	0	24	0	0	0	2,647	63,840	1,554	0.2	12,471
TOTAL NO. OF RX AND RX \$	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2,281,870	116,059,579	n.a.	n.a.	n.a.

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

a. Table ND.6 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 therapeutic category during 2001. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. For information about these therapeutic categories, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

d. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. In Michigan, 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/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP^{a, b, c}
 NONDUAL BENEFICIARIES, MICHIGAN, 2001

Top 10 Drug Groups	Users				Among Users		
	Total Medicaid Rx \$	No. As % of All Benes	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo	
ANTIPSYCHOTICS	\$10,654,323	13,597	2.2 %	116,548	0.7	\$134	\$91
ANTIDEPRESSANTS	9,356,589	34,689	5.6	267,783	0.5	64	35
ANTICONVULSANT	9,036,617	16,981	2.7	148,671	0.8	76	61
ANTIASTHMATIC	5,925,514	57,922	9.3	429,089	0.3	44	14
MISC. HEMATOLOGICAL	5,495,715	1,745	0.3	13,665	0.5	791	402
ANALGESICS - Narcotic	5,057,419	64,820	10.4	444,579	0.3	33	11
ULCER DRUGS	4,472,091	24,309	3.9	177,640	0.4	69	25
MISC. ENDOCRINE	3,791,599	2,967	0.5	27,269	0.5	281	139
STIMULANTS/ANTI-OBESITY/ANOREXIANTS	3,079,503	11,644	1.9	100,977	0.7	46	30
ANTI-DIABETIC	2,837,192	12,408	2.0	86,020	0.6	51	33
Total	59,706,562	241,082		1,812,241	n.a.	n.a.	n.a.

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

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 2001. A beneficiary who used drugs from two or more groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7A
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED
 AND FIRST AND SECOND GROUPS SEPARATELY, BY SEX, BOE, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, MICHIGAN, 2001

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTIDEPRESSANTS						
	No. of Rx	Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	842,463	\$59,706,562	13,597	2.2 %	116,548	0.7	\$91	34,689	5.6 %	267,783	0.5	\$35					
Female																	
Disabled																	
5 and younger	468,493	28,604,650	6,786	1.9	55,833	0.6	79	23,049	6.4	170,761	0.5	35					
6-14	234,398	17,003,691	3,613	12.1	31,176	0.7	102	7,436	25.0	62,715	0.7	43					
15-20	5,136	322,711	10	0.5	82	0.4	29	7	0.3	71	0.6	23					
21-44	17,422	1,822,367	234	6.2	2,369	0.6	82	348	9.3	3,384	0.5	28					
45-64	15,010	1,198,071	278	10.5	2,865	0.7	87	465	17.5	4,689	0.6	38					
65-74	70,125	5,443,767	1,497	16.1	11,794	0.7	107	2,830	30.5	22,544	0.6	43					
85 and older	123,717	8,035,651	1,541	13.3	13,466	0.8	105	3,744	32.2	31,583	0.7	46					
Other Eligibles																	
5 and younger	2,411	147,654	39	10.7	441	0.8	116	34	9.4	355	0.7	29					
6-14	497	25,704	11	16.7	123	0.7	84	7	10.6	77	0.7	37					
15-20	80	7,766	3	13.0	36	0.4	70	1	4.3	12	0.8	56					
21-44	234,095	11,600,959	3,173	1.0	24,657	0.5	49	15,613	4.7	108,046	0.5	30					
45-64	14,435	551,048	41	0.0	377	0.4	57	63	0.1	503	0.2	9					
65-74	40,358	2,564,324	554	0.7	5,419	0.5	70	1,560	2.0	14,417	0.5	27					
85 and older	40,692	2,213,136	942	1.9	8,326	0.5	50	3,186	6.3	27,330	0.4	28					
Male																	
Disabled																	
5 and younger	111,772	4,845,854	1,335	1.2	8,090	0.3	32	9,557	8.7	57,440	0.4	32					
6-14	12,742	708,821	112	1.7	594	0.5	55	901	13.9	4,827	0.6	40					
15-20	3,131	171,820	36	6.0	329	0.6	50	72	12.1	705	0.5	27					
21-44	6,805	344,480	82	10.8	841	0.7	51	154	20.2	1,614	0.7	33					
45-64	4,160	201,476	71	8.8	681	0.6	50	120	14.9	1,210	0.7	35					
65-74	373,970	31,101,912	6,811	2.6	60,715	0.7	103	11,640	4.4	97,022	0.6	35					
85 and older	193,338	18,803,167	3,947	12.1	34,901	0.8	116	4,945	15.2	42,761	0.6	39					
Other Eligibles																	
5 and younger	8,869	961,407	23	0.8	257	0.5	44	38	1.3	377	0.5	14					
6-14	37,035	4,849,901	715	10.6	6,805	0.7	100	843	12.6	8,281	0.6	32					
15-20	24,229	2,437,352	644	15.5	6,446	0.8	104	669	16.1	6,778	0.6	42					
21-44	56,783	5,965,192	1,556	16.6	12,768	0.9	136	1,677	17.9	13,341	0.6	43					
45-64	64,976	4,490,753	987	10.7	8,412	0.8	109	1,688	18.3	13,700	0.6	40					
65-74	1,292	90,764	19	9.5	177	0.7	126	26	12.9	236	0.7	37					
85 and older	133	6,283	3	8.8	36	0.9	95	4	11.8	48	0.5	15					
Unknown																	
5 and younger	21	1,515	0	0.0	0	0.0	0	0	0.0	0	0.0	0					
6-14	180,632	12,298,745	2,864	1.2	25,814	0.7	86	6,695	2.9	54,261	0.5	31					
15-20	22,921	1,001,194	68	0.1	633	0.5	51	114	0.1	1,067	0.4	12					
21-44	83,107	6,290,688	1,379	1.7	13,520	0.7	88	2,664	3.3	24,849	0.5	29					
45-64	39,614	3,119,966	986	3.0	9,064	0.7	93	1,985	6.0	17,934	0.5	37					
65-74	22,141	1,155,844	279	1.1	1,291	0.5	73	1,469	5.8	7,200	0.5	31					
85 and older	6,175	412,711	45	1.1	245	0.5	47	310	7.9	1,706	0.5	31					
Nondual Beneficiaries																	
5 and younger	2,093	118,293	21	5.1	227	0.7	79	31	7.5	329	0.6	29					
6-14	2,410	108,786	37	10.2	377	0.7	41	63	17.4	615	0.6	31					
15-20	2,171	91,263	49	17.2	457	0.5	33	59	20.7	561	0.6	22					
All	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0					

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

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 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.7B

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BOE, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, MICHIGAN, 2001

Beneficiary Characteristics	ANTICONVULSANT					ANTIASTHMATIC					MISC. HEMATOLOGICAL				
	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean Rx \$	Mean No. of Rx	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean Rx \$	Mean No. of Rx	No. of Users	Users as % of All Benes	No. of Bene Mos among	Mean Rx \$	Mean No. of Rx
All	16,981	2.7 %	148,671	\$61	0.8	57,922	9.3 %	429,089	\$14	0.3	1,745	0.3 %	13,665	\$402	0.5
Female	9,134	2.5	77,570	58	0.8	31,574	8.8	228,998	14	0.3	956	0.3	7,556	45	0.5
Disabled	5,393	18.1	50,527	68	0.9	8,534	28.7	72,744	19	0.4	720	2.4	5,708	48	0.5
5 and younger	200	9.9	2,075	59	0.7	819	40.4	8,457	14	0.3	2	0.1	20	11	0.5
6-14	674	18.0	7,287	74	0.8	858	22.9	9,106	17	0.3	1	0.0	10	4,518	0.6
15-20	508	19.2	5,410	71	0.8	524	19.8	5,349	18	0.3	3	0.1	36	17	0.4
21-44	2,015	21.7	17,715	77	0.9	2,086	22.5	16,161	18	0.4	83	0.9	631	36	0.5
45-64	1,968	16.9	17,761	56	0.9	4,160	35.8	32,861	23	0.5	600	5.2	4,668	42	0.5
65-74	23	6.3	221	47	0.9	74	20.4	672	14	0.4	24	6.6	266	19	0.3
75-84	5	7.6	58	31	0.8	11	16.7	130	13	0.5	4	6.1	41	27	0.2
85 and older	0	0.0	0	0	0.0	2	8.7	8	12	0.3	3	13.0	36	51	0.6
Other Eligibles	3,741	1.1	27,043	41	0.6	23,040	7.0	156,254	11	0.3	236	0.1	1,848	38	0.5
5 and younger	164	0.2	1,449	35	0.5	6,222	7.6	44,060	8	0.2	2	0.0	18	285	0.2
6-14	575	0.7	5,410	46	0.7	4,666	5.9	35,708	13	0.3	1	0.0	6	16	0.2
15-20	701	1.4	5,971	44	0.6	3,380	6.7	25,630	11	0.3	5	0.0	44	9	0.4
21-44	1,952	1.8	11,633	38	0.6	7,698	7.0	44,052	12	0.3	70	0.1	398	32	0.4
45-64	217	3.4	1,190	45	0.7	772	12.0	3,694	20	0.5	52	0.8	250	32	0.4
65-74	32	5.4	328	35	0.6	91	15.3	928	20	0.4	27	4.5	308	39	0.5
75-84	68	8.9	732	34	0.7	154	20.2	1,664	22	0.5	45	5.9	470	34	0.5
85 and older	32	4.0	330	24	0.8	57	7.1	518	15	0.4	34	4.2	354	43	0.7
Male	7,847	3.0	71,101	64	0.8	26,348	10.0	200,091	14	0.3	789	0.3	6,109	844	0.5
Disabled	5,280	16.2	50,266	71	0.9	6,822	21.0	60,148	19	0.4	570	1.8	4,560	849	0.5
5 and younger	284	9.9	2,950	54	0.7	1,422	49.8	14,639	18	0.3	5	0.2	60	6,458	0.7
6-14	1,038	15.5	10,688	60	0.8	1,560	23.2	15,415	18	0.4	27	0.4	317	5,755	0.7
15-20	740	17.8	7,753	75	0.9	614	14.8	6,251	18	0.4	7	0.2	81	4,671	0.7
21-44	1,893	20.2	17,420	88	1.0	945	10.1	7,708	17	0.4	70	0.7	588	1,528	0.5
45-64	1,314	14.3	11,357	56	0.9	2,215	24.0	15,559	22	0.5	439	4.8	3,293	114	0.5
65-74	10	5.0	86	38	0.7	63	31.3	540	19	0.4	20	10.0	197	35	0.5
75-84	1	2.9	12	84	1.9	1	2.9	12	1	0.1	2	5.9	24	17	0.5
85 and older	0	0.0	0	0	0.0	2	100.0	24	19	0.4	0	0.0	0	0	0.0
Other Eligibles	2,567	1.1	20,835	47	0.7	19,526	8.5	139,943	12	0.3	219	0.1	1,549	827	0.5
5 and younger	209	0.2	1,833	42	0.6	9,307	10.8	65,483	10	0.2	5	0.0	46	1,149	0.5
6-14	940	1.2	8,865	44	0.7	6,573	8.1	49,456	14	0.3	21	0.0	217	4,275	0.6
15-20	741	2.2	6,434	57	0.7	2,160	6.5	17,045	13	0.3	6	0.0	42	6,123	0.5
21-44	526	2.1	2,528	42	0.6	1,035	4.1	4,796	16	0.4	54	0.2	282	32	0.4
45-64	78	2.0	434	49	0.6	282	7.1	1,470	20	0.4	59	1.5	245	32	0.5
65-74	22	5.3	231	38	0.7	73	17.7	739	19	0.4	30	7.3	289	26	0.4
75-84	24	6.6	237	22	0.6	45	12.4	484	13	0.4	20	5.5	197	42	0.6
85 and older	27	9.5	273	21	0.7	51	17.9	470	11	0.3	24	8.4	231	48	0.8
Unknown	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0

Table ND7B

Nondual Beneficiaries

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

- 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 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
 - b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
 - c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.7C
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY,
 BY SEX, BOE, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, MICHIGAN, 2001

Beneficiary Characteristics	ANALGESICS - Narcotic				ULCER DRUGS				MISC. ENDOCRINE						
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$
All	64,820	10.4 %	444,579	0.3	\$11	24,309	3.9 %	177,640	0.4	\$25	2,967	0.5 %	27,269	0.5	\$139
Female	46,301	12.9	318,172	0.3	10	15,827	4.4	114,649	0.4	24	1,577	0.4	14,137	0.5	121
Disabled	10,875	36.5	86,211	0.5	23	6,321	21.2	52,990	0.4	32	866	2.9	8,041	0.5	127
5 and younger	123	6.1	1,348	0.1	1	229	11.3	2,429	0.4	17	34	1.7	371	0.6	90
6-14	333	8.9	3,576	0.2	2	270	7.2	2,981	0.4	30	116	3.1	1,270	0.6	457
15-20	491	18.5	5,018	0.2	5	276	10.4	2,962	0.4	25	43	1.6	477	0.7	255
21-44	4,065	43.8	30,125	0.5	24	1,807	19.5	14,495	0.4	33	144	1.6	1,354	0.6	76
45-64	5,750	49.4	44,954	0.6	26	3,656	31.4	29,291	0.5	34	514	4.4	4,432	0.5	41
65-74	88	24.2	920	0.4	13	69	19.0	673	0.4	24	15	4.1	137	0.6	41
75-84	23	34.8	255	0.3	5	12	18.2	135	0.6	29	0	0.0	0	0.0	0
85 and older	2	8.7	15	0.2	2	2	8.7	24	0.5	66	0	0.0	0	0.0	0
Other Eligibles	35,426	10.8	231,961	0.3	5	9,506	2.9	61,659	0.3	18	711	0.2	6,096	0.4	113
5 and younger	672	0.8	5,586	0.1	1	935	1.1	5,927	0.3	10	30	0.0	272	0.5	71
6-14	1,462	1.9	12,141	0.1	1	595	0.8	5,088	0.3	14	372	0.5	3,177	0.4	157
15-20	6,075	12.0	46,723	0.2	2	1,550	3.1	11,965	0.2	11	70	0.1	664	0.5	163
21-44	25,232	23.1	155,421	0.3	5	5,197	4.8	30,036	0.3	19	79	0.1	489	0.4	45
45-64	1,528	23.7	7,467	0.5	15	745	11.5	3,597	0.4	32	44	0.7	264	0.4	27
65-74	141	23.7	1,476	0.2	5	147	24.7	1,507	0.4	29	38	6.4	406	0.4	24
75-84	182	23.9	1,882	0.5	18	209	27.5	2,271	0.5	33	35	4.6	388	0.4	24
85 and older	134	16.6	1,265	0.6	19	128	15.9	1,268	0.5	32	43	5.3	436	0.5	27
Male	18,519	7.0	126,407	0.4	16	8,482	3.2	62,991	0.4	27	1,390	0.5	13,132	0.5	159
Disabled	7,512	23.1	58,480	0.5	22	4,322	13.3	36,198	0.4	32	483	1.5	4,805	0.6	198
5 and younger	239	8.4	2,530	0.1	1	323	11.3	3,351	0.4	22	27	0.9	295	0.6	162
6-14	529	7.9	5,730	0.2	2	375	5.6	4,032	0.4	32	200	3.0	2,023	0.6	311
15-20	541	13.0	5,579	0.2	5	277	6.7	2,866	0.4	25	73	1.8	802	0.6	223
21-44	2,554	27.3	18,471	0.5	30	1,266	13.5	10,439	0.4	35	87	0.9	823	0.5	74
45-64	3,594	39.0	25,663	0.6	27	2,033	22.1	15,041	0.5	34	90	1.0	796	0.5	38
65-74	51	25.4	459	0.4	31	45	22.4	433	0.4	29	6	3.0	66	0.6	40
75-84	3	8.8	36	0.3	5	3	8.8	36	0.7	10	0	0.0	0	0.0	0
85 and older	1	50.0	12	1.0	88	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Other Eligibles	11,007	4.8	67,927	0.3	10	4,160	1.8	26,793	0.3	20	907	0.4	8,327	0.5	136
5 and younger	1,049	1.2	8,543	0.1	1	1,204	1.4	7,684	0.3	11	54	0.1	498	0.4	67
6-14	1,618	2.0	13,452	0.2	2	559	0.7	4,862	0.3	20	684	0.8	6,264	0.4	134
15-20	2,262	6.9	16,794	0.2	2	605	1.8	4,997	0.2	15	120	0.4	1,141	0.6	217
21-44	4,958	19.5	22,621	0.5	18	1,194	4.7	5,384	0.4	28	9	0.0	31	0.4	60
45-64	883	22.4	4,255	0.6	41	378	9.6	1,759	0.4	33	4	0.1	14	0.4	169
65-74	91	22.0	921	0.3	7	89	21.5	823	0.4	32	10	2.4	105	0.3	20
75-84	68	18.7	640	0.7	28	66	18.2	647	0.5	29	9	2.5	100	0.4	12
85 and older	78	27.4	701	0.5	10	65	22.8	637	0.5	32	17	6.0	174	0.5	27
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

Table ND7C
 Nondual Beneficiaries

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

- 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 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
 - b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
 - c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Center for Medicare and Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.7D
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS
 SEPARATELY, BY SEX, BOE, AND AGE^{a, b, c}
 NONDUAL BENEFICIARIES, MICHIGAN, 2001

Beneficiary Characteristics	STIMULANTS/ANTI-OBESITY/ANOREXIANTS				ANTIDIABETIC							
	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Users	Users as % of All Benes	No. of Bene Mos among Users	Mean No. of Rx	Mean Rx \$	No. of Benes	No. of Bene Mos
All	11,644	1.9 %	100,977	0.7	\$31	12,408	2.0 %	88,020	0.6	\$33	622,998	2,985,502
Female	3,091	0.9	27,055	0.6	29	8,048	2.2	55,956	0.6	33	359,298	1,699,341
Disabled	576	1.9	5,553	0.6	33	4,428	14.9	33,527	0.6	35	29,781	192,536
5 and younger	26	1.3	259	0.3	25	4	0.2	36	0.4	28	2,025	15,808
6-14	342	9.1	3,311	0.7	30	38	1.0	384	0.7	45	3,745	29,684
15-20	103	3.9	997	0.8	39	97	3.7	1,027	0.8	40	2,650	20,715
21-44	56	0.6	492	0.6	42	767	8.3	5,519	0.6	35	9,280	55,606
45-64	49	0.4	494	0.5	41	3,414	29.4	25,425	0.6	35	11,629	66,969
65-74	0	0.0	0	0.0	0	95	26.2	980	0.6	28	363	3,110
75-84	0	0.0	0	0.0	0	12	18.2	144	0.6	18	66	555
85 and older	0	0.0	0	0.0	0	1	4.3	12	1.2	85	23	89
Other Eligibles	2,515	0.8	21,502	0.6	28	3,620	1.1	22,429	0.6	31	329,517	1,506,805
5 and younger	101	0.1	911	0.4	31	44	0.1	410	0.7	34	82,217	379,230
6-14	1,902	2.4	16,388	0.6	26	261	0.3	2,347	0.8	37	78,586	386,788
15-20	347	0.7	3,161	0.6	30	314	0.6	2,413	0.7	37	50,768	255,778
21-44	151	0.1	964	0.6	39	1,904	1.7	10,396	0.6	29	109,324	449,046
45-64	13	0.2	77	0.9	63	716	11.1	3,026	0.6	35	6,459	21,758
65-74	0	0.0	0	0.0	0	121	20.3	1,212	0.7	29	596	4,986
75-84	0	0.0	0	0.0	0	178	23.4	1,849	0.7	29	761	5,322
85 and older	1	0.1	1	1.0	42	82	10.2	776	0.7	24	806	3,897
Male	8,553	3.2	73,922	0.7	31	4,360	1.7	30,064	0.6	32	263,537	1,285,210
Disabled	1,690	5.2	15,891	0.7	33	2,625	8.1	19,133	0.6	31	32,540	212,258
5 and younger	52	1.8	447	0.5	25	9	0.3	103	0.4	19	2,855	21,935
6-14	1,237	18.4	11,485	0.7	32	61	0.9	626	0.6	42	6,714	49,258
15-20	322	7.8	3,262	0.7	36	58	1.4	612	0.7	36	4,146	31,603
21-44	63	0.7	546	0.7	44	527	5.6	3,710	0.6	29	9,372	57,412
45-64	16	0.2	151	0.7	73	1,928	20.9	13,714	0.6	31	9,216	50,345
65-74	0	0.0	0	0.0	0	41	20.4	356	0.6	29	201	1,474
75-84	0	0.0	0	0.0	0	1	2.9	12	0.5	12	34	218
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	13
Other Eligibles	6,863	3.0	58,031	0.7	31	1,735	0.8	10,931	0.7	34	230,997	1,072,952
5 and younger	247	0.3	2,117	0.4	27	73	0.1	715	0.6	34	86,370	398,248
6-14	5,468	6.7	45,588	0.7	30	261	0.3	2,339	0.8	35	81,221	405,968
15-20	1,080	3.3	9,988	0.7	34	212	0.6	1,763	0.8	48	33,015	169,306
21-44	58	0.2	279	0.7	46	579	2.3	2,401	0.6	32	25,383	79,383
45-64	9	0.2	47	0.6	37	426	10.8	1,915	0.6	28	3,947	12,875
65-74	1	0.2	12	1.2	259	73	17.7	729	0.7	31	413	3,070
75-84	0	0.0	0	0.0	0	66	18.2	645	0.7	26	363	2,343
85 and older	0	0.0	0	0.0	0	45	15.8	424	0.7	22	285	1,759
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	163	951

Table ND7D

Nondual Beneficiaries

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

- 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 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- b. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- c. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2001. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.8
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BENEFICIARY CHARACTERISTIC^{a, b}
 NONDUAL BENEFICIARIES, MICHIGAN, 2001

Beneficiary Characteristics	Rx \$ per Bene Mo	No. of Rx per Bene Mo	No. of All-Year NF Residents	Bene Mos among All-Year NF Residents
All	\$275	6.3	1,419	15,177
Age				
0-64	302	6.6	1,011	11,138
65-74	243	5.9	56	555
75-84	232	6.3	147	1,499
85 and older	164	5.1	205	1,985
Unknown	0	0.0	0	0
Gender				
Female	284	6.6	821	8,817
Male	262	5.9	598	6,360
Unknown	0	0.0	0	0
Race				
White	281	6.6	808	8,546
African American	265	5.9	442	4,789
Other/unknown	269	6.3	169	1,842
Basis of Eligibility^c				
Aged	199	5.7	386	3,847
Disabled	300	6.6	1,033	11,330
Adults	0	0.0	0	0
Children	0	0.0	0	0
Unknown	0	0.0	0	0

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

a. Table ND.8 includes the beneficiaries represented by Cell L of Table 1, those who resided in nursing facilities throughout their 2001 Medicaid enrollment. A total of 1,303 beneficiaries who were in nursing facilities for part of their enrollment and their 9,909 benefit months were excluded from the analysis. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

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

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

TABLE ND.9
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,
 BY BRAND STATUS AND THERAPEUTIC CATEGORY^{a, b, c, d, e}
 NONDUAL BENEFICIARIES, MICHIGAN, 2001

Therapeutic Category	No. of Rx per Bene Mo among Users			\$ per Bene Mo among Users			\$ per Rx			Users							
	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total	Patented Brand-Name	Off-Patent Brand-Name	Generic	Total # of Rx	Total Rx \$	No.	As % of All-Year NF Residents					
												No.	Mos				
Anti-infective Agents	0.4	0.2	0.0	0.2	\$26	\$21	\$1	\$4	\$66	\$94	\$101	\$24	3,589	\$236,598	829	58.4 %	9,197
Biologicals	0.0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0.0	0
Antineoplastic Agents	0.5	0.2	0.3	0.1	109	61	42	6	215	394	161	62	534	114,810	96	6.8	1,056
Endocrine/Metabolic Drugs	1.2	0.6	0.1	0.5	39	32	1	5	33	52	13	11	7,161	232,751	554	39.0	6,037
Cardiovascular Agents	2.1	0.8	0.1	1.2	55	34	3	19	26	44	32	15	18,724	493,724	841	59.3	9,012
Respiratory Agents	0.8	0.3	0.0	0.4	25	16	0	8	33	47	24	20	4,456	145,809	537	37.8	5,935
Gastrointestinal Agents	1.0	0.4	0.0	0.6	50	37	2	11	49	90	54	19	6,959	341,847	630	44.4	6,898
Genitourinary Agents	0.6	0.3	0.0	0.3	22	18	0	4	35	55	12	14	2,056	72,352	290	20.4	3,286
CNS Drugs	1.7	0.9	0.1	0.6	108	89	7	12	65	96	73	19	17,026	1,112,626	939	66.2	10,306
Stimulants/Anti-obesity/Anorexia	0.5	0.3	0.1	0.1	57	52	3	2	117	169	50	14	33	3,865	6	0.4	68
Miscellaneous Psychological/Neurological Agents	0.7	0.6	0.0	0.0	65	64	0	0	97	100	0	10	760	73,763	109	7.7	1,141
Analgesics and Anesthetics	1.3	0.6	0.0	0.7	51	43	2	7	39	75	45	10	9,214	361,203	649	45.7	7,036
Neuromuscular Agents	1.6	0.6	0.1	1.0	71	42	2	27	44	75	36	27	12,400	546,285	691	48.7	7,649
Nutritional Products	0.7	0.1	0.1	0.6	10	1	2	8	14	14	21	13	2,993	41,960	379	26.7	4,132
Hematological Agents	1.1	0.3	0.2	0.6	51	40	3	8	48	133	17	13	4,498	213,887	399	28.1	4,221
Topical Products	0.6	0.2	0.0	0.3	18	11	2	5	31	50	50	15	5,450	169,785	829	58.4	9,250
Miscellaneous Products	0.3	0.0	0.0	0.2	4	1	0	4	17	48	0	15	279	4,789	104	7.3	1,106
Unknown Therapeutic Category	0.4	0.0	0.0	0.0	8	0	0	0	21	0	0	0	159	3,311	40	2.8	434
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.	96,291	4,169,365	n.a.	n.a.	n.a.

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

- 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 2001. A total of 1,303 beneficiaries who were in nursing facilities for part of their enrollment and their 9,909 benefit months were excluded from the analysis.
- b. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2001. A beneficiary who used drugs from two or more categories was counted as a user for each category. Therefore, the sum of users across categories may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.
- c. Medicaid reimbursement amounts presented in this table do not reflect federally required rebates from drug manufacturers to the state.
- d. For information about these therapeutic categories, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).
- e. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies other than the original patent holder. For information about this classification method, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003). In Michigan, 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 = Center for Medicare and Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.10
 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS,
 BY TOP-10 DRUG GROUP^{a, b, c, d}
 NONDUAL BENEFICIARIES, MICHIGAN, 2001

Top 10 Drug Groups in Nursing Facilities	Users				Among Users		
	Total Medicaid Rx \$	No. of Users	As % of All-Year NF Residents	No. of Bene Mos	No. of Rx per Bene Mo	\$ per Rx	Rx \$ per Bene Mo
ANTIPSYCHOTICS	\$599,498	619	43.6 %	6,900	0.8	\$108	\$87
ANTICONVULSANT	464,649	730	51.4	8,152	1.1	50	57
ANTIDEPRESSANTS	433,814	790	55.7	8,743	0.8	60	50
ULCER DRUGS	283,649	668	47.1	7,328	0.7	59	39
ANALGESICS - Narcotic	220,937	672	47.4	7,282	0.9	33	30
ANTIDIABETIC	179,195	519	36.6	5,634	0.8	38	32
ANTIHYPERTENSIVE	174,971	576	40.6	6,194	0.8	33	28
DERMATOLOGICAL	161,142	1,699	119.7	19,240	0.3	28	8
ANALGESICS - ANTI-INFLAMMATORY	133,096	356	25.1	4,035	0.6	56	33
CALCIUM BLOCKERS	121,068	285	20.1	3,097	0.9	43	39
Total	2,772,019	6,914		76,605	n.a.	n.a.	n.a.

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

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 2001. A total of 1,303 beneficiaries who were in nursing facilities for part of their enrollment and their 9,909 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE 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, BOE, AND AGE^{a, b, c, d} NONDUAL BENEFICIARIES, MICHIGAN, 2001

Beneficiary Characteristics	All Top 10 Drug Groups					ANTIPSYCHOTICS					ANTICONVULSANT				
	No. of Rx	Rx \$	Users as %			Mean Rx \$	No. of Users	No. of Bene Mos among Residents	Mean No. of Rx	Users as % of All-Year Residents	No. of Bene Mos among Residents	Mean No. of Rx	No. of Bene Mos among Residents	Users as % of All-Year Residents	Mean No. of Rx
			619	43.6 %	6,900										
All	54,309	\$2,772,019													
Female	32,260	1,634,823													
Disabled	24,910	1,322,602													
64 or younger	24,475	1,302,160													
65-74	335	14,856													
75-84	100	5,586													
85 and older	0	0													
Other Eligibles	7,350	312,221													
64 or younger	93	5,263													
65-74	618	28,667													
75-84	3,451	142,322													
85 and older	3,188	135,969													
Male	22,049	1,137,196													
Disabled	18,380	983,068													
64 or younger	18,157	969,872													
65-74	217	12,813													
75-84	6	383													
85 and older	0	0													
Other Eligibles	3,669	154,128													
64 or younger	0	0													
65-74	572	30,145													
75-84	1,354	61,627													
85 and older	1,743	62,356													
Unknown	0	0													

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

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 2001. A total of 1,303 beneficiaries who were in nursing facilities for part of their enrollment and their 9,909 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE 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, BOE, AND AGE^{a,b,c,d}
 NONDUAL BENEFICIARIES, MICHIGAN, 2001

Beneficiary Characteristics	ANTIDEPRESSANTS						ULCER DRUGS						ANALGESICS - Narcotic					
	Users as %			Users as %			Users as %			Users as %			Users as %			Users as %		
	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx	No. of Users	No. of Bene Mos among Users	Mean No. of Rx
All	790	55.7 %	\$50	668	47.1 %	\$39	7328	0.7	\$39	672	47.4 %	\$30	7282	0.9	\$30			
Female	496	60.4	49	407	49.6	38	4,515	0.7	38	413	50.3	31	4,525	0.9	31			
Disabled	356	63.1	53	294	52.1	39	3,283	0.7	39	308	54.6	33	3,418	0.9	33			
64 or younger	346	62.6	53	290	52.4	39	3,235	0.7	39	301	54.4	34	3,334	1.0	34			
65-74	8	88.9	59	1	11.1	23	12	1.0	23	5	55.6	3	60	0.2	3			
75-84	2	100.0	66	3	150.0	51	36	0.6	51	2	100.0	4	24	0.3	4			
85 and older	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0			
Other Eligibles	140	54.5	39	113	44.0	35	1,232	0.6	35	105	40.9	27	1,107	0.7	27			
64 or younger	0	0.0	0	1	100.0	26	12	1.0	26	0	0.0	0	0	0.0	0			
65-74	13	61.9	41	10	47.6	40	104	0.8	40	7	33.3	23	84	0.5	23			
75-84	62	63.3	40	49	50.0	35	571	0.6	35	44	44.9	27	493	0.8	27			
85 and older	65	47.4	38	53	38.7	34	545	0.6	34	54	39.4	27	530	0.7	27			
Male	294	49.2	50	261	43.6	40	2,813	0.7	40	259	43.3	29	2,757	0.9	29			
Disabled	231	49.3	54	212	45.2	41	2,292	0.7	41	208	44.3	27	2,235	0.9	27			
64 or younger	224	49.0	55	209	45.7	40	2,267	0.7	40	203	44.4	27	2,206	0.9	27			
65-74	7	63.6	43	3	27.3	114	25	1.1	114	5	45.5	34	29	0.7	34			
75-84	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			
Other Eligibles	63	48.8	34	49	38.0	38	521	0.6	38	51	39.5	37	522	1.0	37			
64 or younger	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0			
65-74	6	40.0	48	6	40.0	66	68	0.8	66	8	53.3	22	91	0.6	22			
75-84	26	56.5	41	17	37.0	25	177	0.5	25	17	37.0	84	179	1.5	84			
85 and older	31	45.6	25	26	38.2	40	276	0.6	40	26	38.2	8	252	0.8	8			
Unknown	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0			

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

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 2001. A total of 1,303 beneficiaries who were in nursing facilities for part of their enrollment and their 9,909 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE 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, BOE, AND AGE^{a, b, c, d}
 NONDUAL BENEFICIARIES, MICHIGAN, 2001

Beneficiary Characteristics	ANTIDIABETIC					ANTIHYPERTENSIVE					DERMATOLOGICAL				
	Users as %					Users as %					Users as %				
	No. of Users	No. of Bene Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx	No. of Users	No. of Bene Users	Mean No. of Rx	Mean Rx \$	Mean No. of Rx
All	519	5,634	0.8	\$32	0.8	576	6,194	0.8	\$28	0.8	1,699	19,240	\$8	0.3	
Female															
Disabled															
64 or younger	243	2,713	0.8	36	0.8	200	2,186	0.8	29	0.8	782	8,994	9	0.3	
65-74	1	12	1.8	43	1.8	4	47	0.9	30	0.9	12	143	4	0.2	
75-84	1	12	1.0	24	1.0	1	12	0.8	22	0.8	5	60	4	0.2	
85 and older	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0.0	
Other Eligibles															
64 or younger	88	871	0.9	26	0.9	116	1,210	0.8	19	0.8	258	2,853	5	0.2	
65-74	10	100	0.7	37	0.7	12	126	0.9	16	0.9	17	204	7	0.3	
75-84	39	407	0.9	23	0.9	53	581	0.8	19	0.8	93	1,057	6	0.3	
85 and older	39	364	0.8	25	0.8	51	503	0.8	20	0.8	146	1,568	4	0.2	
Male															
Disabled															
64 or younger	155	1,731	0.8	29	0.8	207	2,222	0.9	34	0.9	524	5,931	10	0.3	
65-74	6	51	0.8	26	0.8	6	54	0.7	26	0.7	13	129	4	0.2	
75-84	0	0	0.0	0	0.0	1	10	0.6	38	0.6	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	
Other Eligibles															
64 or younger	33	319	0.8	29	0.8	53	576	0.8	22	0.8	135	1,462	5	0.2	
65-74	7	82	1.0	25	1.0	5	58	0.6	17	0.6	22	245	3	0.2	
75-84	12	116	0.7	25	0.7	17	185	0.9	27	0.9	46	495	4	0.2	
85 and older	14	121	0.9	35	0.9	31	333	0.8	19	0.8	67	722	5	0.2	
Unknown	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0	0.0	

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

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 2001. A total of 1,303 beneficiaries who were in nursing facilities for part of their enrollment and their 9,909 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE 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, BOE, AND AGE^{a, b, c, d}
 NONDUAL BENEFICIARIES, MICHIGAN, 2001

Beneficiary Characteristics	ANALGESICS - ANTI-INFLAMMATORY					CALCIUM BLOCKERS						
	Users as %		Users as %		Mean Rx \$	Users as %		Users as %		Mean Rx \$		
	No. of Users	Residents	No. of Users	Residents		No. of Users	Residents	No. of Users	Residents			
All	356	25.1 %	4,035	0.6	\$33	285	20.1 %	3,097	0.9	\$39	1,419	15,177
Female	226	27.5	2,593	0.6	33	163	19.9	1,785	0.9	41	821	8,817
Disabled	156	27.7	1,818	0.5	32	105	18.6	1,188	0.9	43	564	6,297
64 or younger	153	27.7	1,782	0.5	33	100	18.1	1,129	0.9	43	553	6,177
65-74	0	0.0	0	0.0	0	4	44.4	47	1.1	47	9	96
75-84	3	150.0	36	0.3	21	1	50.0	12	1.0	41	2	24
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
Other Eligibles	70	27.2	775	0.6	33	58	22.6	597	0.9	37	257	2,520
64 or younger	1	100.0	12	0.2	11	1	100.0	12	1.0	40	1	12
65-74	4	19.0	48	0.3	15	6	28.6	63	0.9	64	21	216
75-84	24	24.5	285	0.7	38	25	25.5	280	0.9	28	98	989
85 and older	41	29.9	430	0.6	33	26	19.0	242	1.0	39	137	1,303
Male	130	21.7	1,442	0.6	34	122	20.4	1,312	0.9	37	598	6,360
Disabled	89	19.0	1,010	0.6	35	89	19.0	993	0.9	38	469	5,033
64 or younger	89	19.5	1,010	0.6	35	89	19.5	993	0.9	38	457	4,949
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	11	74
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	10
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
Other Eligibles	41	31.8	432	0.6	31	33	25.6	319	0.9	33	129	1,327
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	4	26.7	47	0.6	42	3	20.0	34	0.9	34	15	169
75-84	12	26.1	116	0.6	28	11	23.9	113	0.8	39	46	476
85 and older	25	36.8	269	0.6	30	19	27.9	172	1.0	29	68	682
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0

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

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 2001. A total of 1,303 beneficiaries who were in nursing facilities for part of their enrollment and their 9,909 benefit months were excluded from the analysis.

b. A user is a beneficiary who had at least one prescription filled in a given drug group during 2001. A beneficiary who used drugs from two or more drug groups was counted as a user for each group. Therefore, the sum of users across drug groups may exceed the total number of individual users. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

d. The top 10 drug groups were determined based on total 2001 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.Medi-Span.com/products/product_mddb.asp (May 13 2003).

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

TABLE ND.11
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG NONDUALS
 BY BENEFICIARY CHARACTERISTIC^{a,b}
 MICHIGAN, 2001

Beneficiary Characteristics	No. of Benes with at Least One Part D Excl Rx	% Benes with at Least One Part D Excl Rx	No. of Part D Excl Rx per Bene	Total No. Part D Excl Rx	Total Part D Excl Rx \$	\$ per Part D Excl Rx	Part D Excl Rx \$ as % of All Rx \$	Total No. of Benes
All	60,608	9.7 %	0.3	216,693	\$6 44,029,938	\$19	3.5 %	622,998
Age								
5 and younger	11,662	6.7	0.1	23,560	3 469,228	20	6.2	173,467
6-14	6,036	3.5	0.1	18,693	3 590,826	32	2.4	170,266
15-20	7,965	8.8	0.2	19,985	5 491,395	25	3.2	90,579
21-44	23,942	15.6	0.5	81,874	10 1,525,588	19	4.1	153,359
45-64	9,837	31.5	2.0	62,708	27 857,304	14	3.0	31,251
65-74	474	30.1	2.1	3,347	20 32,199	10	2.7	1,573
75-84	367	30.0	2.9	3,536	29 35,588	10	3.3	1,224
85 and older	325	29.1	2.7	2,990	25 27,810	9	4.1	1,116
Unknown	0	0.0	0.0	0	0 0	0	0.0	163
Basis of Eligibility^c								
Aged	933	29.1	2.5	7,973	24 77,907	10	3.3	3,206
Disabled	17,870	28.7	1.9	119,112	40 2,494,973	21	3.7	62,321
Adults	22,692	13.8	0.3	53,767	4 710,081	13	3.7	164,742
Children	19,094	4.9	0.1	35,803	2 746,192	21	2.7	392,452
Unknown	19	6.9	0.1	38	3 785	21	7.7	277
Gender								
Female	40,915	11.4	0.4	142,274	7 2,475,640	17	3.9	359,385
Male	19,693	7.5	0.3	74,419	6 1,554,298	21	2.9	263,613
Unknown	0	0.0	0.0	0	0 0	0	0.0	0
Race								
White	37,885	9.9	0.4	147,915	7 2,743,181	19	3.3	381,246
African American	16,713	9.2	0.3	49,390	5 959,995	19	3.9	182,023
Other/unknown	6,010	10.1	0.3	19,388	5 326,762	17	3.6	59,729
Use of Nursing Facilities^d								
Entire year	1,050	74.0	10.5	14,867	125 177,711	12	4.3	1,419
Part year	1,002	76.9	7.6	9,883	100 130,118	13	4.0	1,303
None	58,556	9.4	0.3	191,943	6 3,722,109	19	3.4	620,276
Maintenance Assistance Status								
Cash	23,170	16.0	0.8	114,795	15 2,217,822	19	3.8	144,501
Medically needy	7,791	10.8	0.3	22,474	5 363,787	16	3.1	72,028
Poverty related	13,833	5.2	0.1	23,919	2 428,414	18	3.1	264,742
Other/unknown	15,814	11.2	0.4	55,505	7 1,019,915	18	3.2	141,727

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

- 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 2001.
- b. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.
- c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
- d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.
- Bene(s) = beneficiary (or beneficiaries); CMS = Center for Medicare and Medicaid Services; Excl = excluded; MAX = Medicaid Analytic Extract; OTC = over-the-counter; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE ND.12
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS AMONG NONDUALS PER BENEFIT MONTH
 BY BENEFICIARY CHARACTERISTIC^{a,b}
 MICHIGAN, 2001

Beneficiary Characteristics	No. Rx per Bene Mo.	Rx \$ per Bene Mo.	\$ per Rx	Barbiturate \$ per Bene Mo.	Benzodiazepine \$ per Bene Mo.	No. of Bene Mos
All	0.1	\$1	\$19	\$0	\$0	2,985,502
Age						
5 and younger	0.0	1	20	0	0	815,221
6-14	0.0	1	32	0	0	871,698
15-20	0.0	1	25	0	0	477,402
21-44	0.1	2	19	0	1	641,447
45-64	0.4	6	14	0	3	151,947
65-74	0.3	3	10	0	1	12,640
75-84	0.4	4	10	0	1	8,438
85 and older	0.5	5	9	0	1	5,758
Unknown	0.0	0	0	0	0	951
Basis of Eligibility^c						
Aged	0.4	4	10	0	1	21,306
Disabled	0.3	6	21	0	2	404,794
Adults	0.1	1	13	0	0	662,629
Children	0.0	0	21	0	0	1,895,270
Unknown	0.0	1	21	0	0	1,503
Gender						
Female	0.1	1	17	0	1	1,699,837
Male	0.1	1	21	0	0	1,285,665
Unknown	0.0	0	0	0	0	0
Race						
White	0.1	1	19	0	1	1,891,806
African American	0.1	1	19	0	0	802,047
Other/unknown	0.1	1	17	0	0	291,649
Use of Nursing Facilities^d						
Entire year	1.0	12	12	0	3	15,177
Part year	1.0	13	13	0	4	9,909
None	0.1	1	19	0	0	2,960,416
Maintenance Assistance Status						
Cash	0.2	3	19	0	1	713,904
Medically needy	0.1	1	16	0	1	267,979
Poverty related	0.0	0	18	0	0	1,286,819
Other/unknown	0.1	1	18	0	0	716,800

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

- 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 2001.
- b. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.
- c. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability or blindness. The children's group includes children receiving foster care and adoptive services.
- d. Please refer to footnote f on Table 1 for methodology used to determine use of nursing facilities.

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

TABLE ND.13
 USE OF AND REIMBURSEMENT FOR PART D EXCLUDED DRUGS FOR SELECTED DRUG CATEGORIES AMONG NONDUALS^{a,b,c}
 MICHIGAN, 2001

Drug Category	No. Users	Rx \$ per User	Total Rx \$	Rx \$ as % of All Part D Excl Rx \$	Total No. Rx.	\$ per Rx	No. Rx as % of All Part D Excl Rx
All	71,507	\$56	\$4,029,938	100.0 %	216,693	\$19	100.0 %
Anorexia or weight loss/gain	0	0	0	0.0	0	0	0.0
Fertility drugs	0	0	0	0.0	0	0	0.0
Drugs for cosmetic purposes	103	11	1,124	0.0	116	10	0.1
Cough and cold medications	7,672	88	678,287	16.8	13,266	51	6.1
Vitamins and minerals	6,810	56	381,365	9.5	22,636	17	10.4
Non-prescription drugs	33,454	26	873,311	21.7	81,111	11	37.4
Barbiturates	1,820	39	71,644	1.8	13,176	5	6.1
Benzodiazepines	18,993	73	1,386,203	34.4	80,418	17	37.1
Other Part D Excl Rx Drugs	2,655	240	638,004	15.8	5,970	107	2.8

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

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 2001. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2001. A beneficiary who used drugs from two or more Part D excluded categories was counted as a user for each category. Therefore, the sum of users across drug categories may exceed the total number of individual users as noted on Table ND11.

b. Includes OTC drugs as well as prescription drugs.

c. Excluded drugs include benzodiazepines; barbiturates; nonprescription (OTC) medications; prescription vitamins and minerals (not including prenatal vitamins and fluoride preparations); and drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility, those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

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

APPENDIX TABLE A.1

CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY^{a, b}
NONDUAL BENEFICIARIES, MICHIGAN, 2001

Beneficiary Characteristics	No. of Beneficiaries					No. of Beneficiaries					
	All	Aged	Disabled	Adults	Children	All	Aged	Disabled	Adults	Children	Unknown
All	1,211,067	3,414	169,388	250,508	787,469	288	24,159	1,845,473	1,930,693	7,543,080	1,553
Age											
5 and younger	311,871	0	6,435	669	304,707	60	0	69,348	5,043	2,797,289	285
6-14	381,318	0	22,788	684	357,805	41	0	259,668	6,787	3,600,843	246
15-20	162,452	0	15,558	25,750	120,989	155	0	171,875	202,463	1,124,777	918
21-44	269,177	0	59,892	205,479	3,777	29	0	657,670	1,577,803	19,070	91
45-64	81,911	8	63,974	17,900	26	3	47	680,360	138,439	142	13
65-74	1,738	1,107	611	19	1	0	9,685	5,619	127	1	0
75-84	1,305	1,197	104	2	2	0	8,635	819	12	12	0
85 and older	1,131	1,102	26	3	0	0	5,792	114	13	0	0
Unknown	164	0	0	2	162	0	0	0	6	946	0
Gender											
Female	688,276	2,281	86,506	209,945	389,433	111	15,853	951,932	1,664,935	3,738,314	604
Male	522,791	1,133	82,882	40,563	398,036	177	8,306	893,541	265,758	3,804,766	949
Unknown	0	0	0	0	0	0	0	0	0	0	0
Race											
White	651,266	2,089	84,320	146,441	418,254	162	13,867	906,480	1,068,282	3,888,201	882
African American	455,150	564	68,694	86,527	299,286	79	3,876	762,715	738,807	3,029,735	458
Other/unknown	104,651	761	16,374	17,540	69,929	47	6,416	176,278	123,604	625,144	213
Use of Nursing Facilities^c											
Entire year	1,419	386	1,033	0	0	0	3,847	11,341	0	0	0
Part year	1,321	223	1,082	12	4	0	1,896	10,417	110	32	0
None	1,208,327	2,805	167,273	250,496	787,465	288	18,416	1,823,715	1,930,583	7,543,048	1,553
Maintenance Assistance Status											
Cash	377,700	849	142,982	66,918	166,951	0	8,420	1,636,744	580,166	1,690,522	0
Medically needy	112,528	250	2,901	63,183	46,194	0	1,365	17,894	456,631	404,877	0
Poverty related	456,468	28	84	40,485	415,871	0	299	816	236,359	3,861,834	0
Other/unknown	264,371	2,287	23,421	79,922	158,453	288	14,075	190,019	657,537	1,585,847	1,553
Managed Care Status											
FFS all year	259,182	3,072	30,303	79,998	145,538	271	20,496	268,069	368,097	953,928	1,488
FFS part year, with Rx claims	150,041	98	21,895	48,443	79,603	2	990	231,422	443,188	805,498	13
FFS part year, no Rx claims	213,775	36	10,123	36,301	167,311	4	339	103,882	299,391	1,596,550	17
MC all year, with Rx claims	89,144	57	47,838	18,405	22,844	0	673	562,967	190,814	254,500	0
MC all year, no Rx claims	498,925	151	59,229	67,361	372,173	11	1,661	679,133	629,203	3,932,604	35

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

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

APPENDIX TABLE A.2
 MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS^a
 NONDUAL BENEFICIARIES, MICHIGAN, 2001

	Bene Mos in Cell J of Table 1		Included in Cell K of Table 1		Excluded from Cell K of Table 1	
	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos	No. of Benes	No. of Bene Mos
All	1,211,067	11,344,958	622,998	2,985,502	0	8,359,456
FFS all year	259,182	1,612,078	259,182	1,612,078	0	0
FFS part year, with Rx claims	150,041	1,481,111	150,041	646,106	0	835,005
FFS part year, with no Rx claims	213,775	2,000,179	213,775	727,318	0	1,272,861
MC all year, with Rx claims	89,144	1,008,954	0	0	0	1,008,954
MC all year, with no Rx claims	498,925	5,242,636	0	0	0	5,242,636

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

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

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