

## STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2005 NEW JERSEY

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TABLE D.2

CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY<sup>a, b</sup>
DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

			umber of B			S, NEW JER	OL 1, 2000	Num	ber of Ben	efit Mont	ths	
Beneficiary						Other/						Other/
Characteristics	All	Aged	Disabled	Adults	Children	Unknown	All	Aged	Disabled	Adults	Children	Unknown
AII	140,537	71,722	68,425	350	22	18	1,483,796	733,035	748,990	1,404	187	180
Age												
5 and younger	8	0	5	0	3	0	83	0	53	0	30	0
6-14	13	0	10	0	3	0	120	0	95	0	25	0
15-20	182	0	170	1	11	0	1,787	0	1,694	1	92	0
21-44	16,867	0	16,609	253	4	1	178,789	0	177,720	1,027	30	12
45-64	26,613	15	26,502	82	1	13	289,477	128	288,886	314	10	139
65-74	35,886	19,068	16,801	13	0	4	382,626	195,450	187,086	61	0	29
75-84	35,419	28,411	7,007	1	0	0	379,374	300,234	79,139	1	0	0
85 and older	25,549	24,228	1,321	0	0	0	251,540	237,223	14,317	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Gender												
Female	92,938	52,954	39,705	249	12	18	983,465	544,993	437,186	1,009	97	180
Male	47,599	18,768	28,720	101	10	0	500,331	188,042	311,804	395	90	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	71,699	38,075	33,426	171	14	13	746,779	378,606	367,265	653	122	133
African American	27,149	9,749	17,270	122	4	4	291,827	102,818	188,472	469	33	35
Other/unknown	41,689	23,898	17,729	57	4	1	445,190	251,611	193,253	282	32	12
Use of Nursing Facilities <sup>c</sup>												
Entire year	21,823	17,170	4,653	0	0	0	221,054	169,447	51,607	0	0	0
Part year	11,534	8,992	2,540	2	0	0	110,750	84,354	26,388	8	0	0
None	107,180	45,560	61,232	348	22	18	1,151,992	479,234	670,995	1,396	187	180
Maintenance Assistance Status	S											
Cash	67,550	29,322	38,095	131	2	0	737,015	317,775	418,750	487	3	0
Medically needy	20	11	9	0	0	0	172	93	79	0	0	0
Poverty-related	33,609	14,489	19,026	69	7	18	361,879	153,922	207,426	299	52	180
Other/unknown	39,358	27,900	11,295	150	13	0	384,730	261,245	122,735	618	132	0
Dual Medicare Status <sup>d</sup>												
Full dual, all year	139,345	70,839	68,127	340	21	18	1,472,287	724,493	746,113	1,324	177	180
Full dual, part year	1,192	883	298	10	1	0	11,509	8,542	2,877	80	10	0
Managed Care (MC) Status												
Fee-for-service (FFS) all year	138,308	71,269	66,903	105	14	17	1,474,741	731,040	742,776	622	133	170
FFS part year, with Rx claims	2,011	428	1,415	160	7	1	8,288	1,897	5,808	529	44	10
FFS part year, no Rx claims	218	25	107	85	1	0	767	98	406	253	10	0

a. Table D.2 includes the beneficiaries represented by Cell G of Table 1. Benefit months are months during which beneficiaries had fee-for-service pharmacy benefits.

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

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

d. The "Full dual, all year" group contains beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefits during all months of Medicaid enrollment in 2005. The "Full dual, part year" group contains beneficiaries who had such benefits for some, but not all, months of their enrollment. Refer to footnote g of Table 1 for more information about how we determined dual eliability status.

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

TABLE D.3 ANNUAL MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFICIARY, BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup> DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

Beneficiary Characteristics	Percentage with at Least One Rx	Mean Number of	Mean Rx \$	\$ ner Rx	Mean \$, All Medicaid FFS \$c	Rx \$ as a Percentage of All Medicaid FFS \$d	Number of Beneficiaries
All	90.7	58.8	\$4,412	\$75	\$22,055	20.0	140,537
Age							
5 and younger	87.5	40.4	5,494	136	52,921	10.4	8
6-14	76.9	50.7	14,219	281	22,899	62.1	13
15-20	75.3	19.7	2,259	115	13,530	16.7	182
21-44	84.2	45.4	4,795	106	18,552	25.8	16,867
45-64	91.7	70.0	6,048	86	25,606	23.6	26,613
65-74	89.8	54.3	3,972	73	14,321	27.7	35,886
75-84	92.3	60.6	4,117	68	21,475	19.2	35,419
85 and older	93.4	59.9	3,489	58	32,386	10.8	25,549
Unknown	0.0	0.0	0	0	0	0.0	0
Basis of Eligibilitye	•						
Aged	90.8	54.5	3,547	65	22,120	16.0	71,722
Disabled	90.9	63.5	5,334	84	22,076	24.2	68,425
Adults	59.7	10.0	1,055	106	3,894	27.1	350
Children	68.2	27.1	3,966	146	28,794	13.8	22
Unknown	100.0	53.6	6,310	118	25,224	25.0	18
Gender							
Female	92.3	60.8	4,370	72	22,099	19.8	92,938
Male	87.7	54.9	4,493	82	21,968	20.5	47,599
Unknown	0.0	0.0	0	0	0	0.0	0
Race							
White	91.5	65.2	4,605	71	28,791	16.0	71,699
African American	89.5	54.0	4,514	84	19,061	23.7	27,149
Other/unknown	90.3	50.8	4,012	79	12,419	32.3	41,689
Use of Nursing Fac	ilities <sup>f</sup>						
Entire year	97.4	86.7	4,981	57	54,887	9.1	21,823
Part year	96.2	68.4	4,348	64	35,914	12.1	11,534
None	88.8	52.0	4,302	83	13,878	31.0	107,180
Maintenance Assis	tance Status						
Cash	89.7	51.1	4,273	84	12,304	34.7	67,550
Medically needy	80.0	26.7	2,308	87	19,764	11.7	20
Poverty related	90.8	51.4	4,683	91	11,305	41.4	33,609
Other/unknown	92.5	78.2	4,419	57	47,971	9.2	39,358

a. Table D.3 includes beneficiaries represented by Cell G of Table 1.

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

c. In eight states (DE, IA, IL, NE, NY, 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 eight states (DE, IA, IL, NE, NY, 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 D.4

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup>

DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

			·-		Num	ber of Rx, P	ercentage w	ith:			Numb	er
Beneficiary Characteristics	Mean Number of Rx	Mean Rx \$	Rx \$ as a Percentage of All Medicaid FFS \$ <sup>c</sup>	None		More than 1, but 2 or Less	More than 2, but 5 or Less	More than 5, but 10 or Less	More than 10		Beneficiaries	Benefit Months
All	5.6	\$418	20.0	9.3	12.6	9.7	28.4	27.5	12.6	\$2,089	140,537	1,483,796
Age												
5 and younger	3.9	530	10.4	12.5	12.5	0.0	37.5	25.0	12.5	5,101	8	83
6-14	5.5	1,540	62.1	23.1	7.7	7.7	7.7	46.2	7.7	2,481	13	120
15-20	2.0	230	16.7	24.7	34.6	7.7	20.9	9.3	2.7	1,378	182	1,787
21-44	4.3	452	25.8	15.8	22.4	11.3	24.5	16.7	9.4	1,750	16,867	178,789
45-64	6.4	556	23.6	8.3	11.7	8.8	26.5	27.7	17.0	2,354	26,613	289,477
65-74	5.1	373	27.7	10.2	13.3	10.8	29.5	25.8	10.2	1,343	35,886	382,626
75-84	5.7	384	19.2	7.7	10.5	9.3	29.7	30.1	12.8	2,005	35,419	379,374
85 and older	6.1	354	10.8	6.6	8.5	8.4	29.5	33.4	13.6	3,289	25,549	251,540
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Basis of Eligibility	/e											
Aged	5.3	347	16.0	9.2	11.8	10.1	29.6	28.1	11.2	2,164	71,722	733,035
Disabled	5.8	487	24.2	9.1	13.3	9.2	27.1	27.0	14.2	2,017	68,425	748,990
Adults	2.5	263	27.1	40.3	18.0	9.1	15.1	8.6	8.9	971	350	1,404
Children	3.2	467	13.8	31.8	18.2	0.0	22.7	22.7	4.5	3,388	22	187
Unknown	5.4	631	25.0	0.0	33.3	5.6	22.2	33.3	5.6	2,522	18	180
Gender												
Female	5.7	413	19.8	7.7	11.2	9.6	29.3	29.1	13.1	2,088	92,938	983,465
Male	5.2	427	20.5	12.3	15.2	9.9	26.5	24.4	11.7	2,090	47,599	500,331
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Race												
White	6.3	442	16.0	8.5	10.8	8.5	26.7	29.4	15.9	2,764	71,699	746,779
African American	5.0	420	23.7	10.5	14.2	10.2	28.6	26.2	10.4	1,773	27,149	291,827
Other/unknown	4.8	376	32.3	9.7	14.5	11.3	31.0	25.1	8.5	1,163	41,689	445,190
Use of Nursing Fa	cilities <sup>f</sup>											
Entire year	8.6	492	9.1	2.6	3.6	4.7	22.5	39.6	27.1	5,419	21,823	221,054
Part year	7.1	453	12.1	3.8	6.3	6.8	27.5	37.0	18.7	3,740	11,534	110,750
None	4.8	400	31.0	11.2	15.1	11.0	29.6	24.0	9.1	1,291	107,180	1,151,992
Maintenance Assi	stance Status	<b>s</b>										
Cash	4.7	392	34.7	10.3	15.1	11.0	29.8	24.9	8.8	1,128	67,550	737,015
Medically needy	3.1	268	11.7	20.0	30.0	5.0	25.0	20.0	0.0	2,298	20	172
Poverty related	4.8	435	41.4	9.2	14.8	11.2	31.2	25.4	8.3	1,050	33,609	361,879
Other/unknown	8.0	452	9.2	7.5	6.3	6.0	23.4	33.8	23.0	4,907	39,358	384,730

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

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

c. In eight states (DE, IA, IL, NE, NY, 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 eight states (DE, IA, IL, NE, NY, 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); 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 D.5 AVERAGE MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC<sup>a, b, c</sup> DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

		All Dv		Patente		I-Name	Off-Pater		id-Name	Con	orio Di	
<b>5</b>		All Rx			Drugs			Drugs			eric Dı	ugs
Beneficiary Characteristics	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx	Number of Rx	Rx \$	\$ per Rx
All	5.6	\$418	\$75	2.7	\$322	\$121	0.2	\$15	\$72	2.7	\$81	\$30
Age												
5 and younger	3.9	530	136	2.2	481	219	0.3	19	61	1.3	29	22
6-14	5.5	1,540	281	2.8	1,470	517	0.2	15	86	2.5	56	23
15-20	2.0	230	115	0.9	197	208	0.1	4	51	1.0	29	30
21-44	4.3	452	106	2.1	353	172	0.2	24	109	2.0	75	38
45-64	6.4	556	86	3.1	426	139	0.3	26	95	3.1	104	34
65-74	5.1	373	73	2.6	292	113	0.2	11	59	2.3	69	30
75-84	5.7	384	68	2.8	298	107	0.2	10	52	2.7	77	29
85 and older	6.1	354	58	2.6	260	99	0.2	9	48	3.3	86	26
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	(
Basis of Eligibility	d											
Aged	5.3	347	65	2.5	266	105	0.2	9	51	2.6	72	28
Disabled	5.8	487	84	2.8	376	135	0.2	21	86	2.8	90	33
Adults	2.5	263	106	1.2	216	181	0.1	10	111	1.2	37	3
Children	3.2	467	146	1.9	421	225	0.1	2	20	1.2	44	36
Unknown	5.4	631	118	2.4	520	220	0.1	9	65	2.9	101	36
Gender												
Female	5.7	413	72	2.7	316	116	0.2	14	67	2.8	83	30
Male	5.2	427	82	2.6	333	130	0.2	16	81	2.5	78	32
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	(
Race												
White	6.3	442	71	2.9	331	116	0.2	17	75	3.2	94	30
African American	5.0	420	84	2.4	329	136	0.2	15	78	2.4	76	32
Other/unknown	4.8	376	79	2.5	300	121	0.2	12	61	2.1	64	3
Use of Nursing Fa	cilities <sup>e</sup>											
Entire year	8.6	492	57	3.6	353	99	0.2	11	49	4.8	128	27
Part year	7.1	453	64	3.0	332	109	0.2	10	56	3.9	111	28
None	4.8	400	83	2.5	315	128	0.2	16	77	2.2	69	32
Maintenance Assi	stance Sta	tus										
Cash	4.7	392	84	2.4	310	129	0.2	14	73	2.1	67	32
Medically needy	3.1	268	87	1.8	229	124	0.1	6	75	1.2	34	29
Poverty related	4.8	435	91	2.3	336	143	0.2	19	97	2.2	80	36
Other/unknown	8.0	452	57	3.5	331	95	0.2	13	50	4.3	109	26

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

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

c. Brand-name drugs, sometimes called "innovator single-source drugs," are drugs whose patents have not yet expired. Off-patent brand-name drugs, sometimes called "innovator multiple-source drugs," are brand-name drugs whose patents have expired. Generic drugs, sometimes called "non-innovator multiple-source drugs," are off-patent drugs manufactured and sold by companies combined. For information about this classification method, see Wolters Kluwer Health, http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9ad778d7b6615 (October 26, 2007).

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 hidness. 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 D.6 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a, b, c, d</sup> DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

			x per Be long Use		\$ per	Benefit I Us	Month Am ers	iong		\$ per	r Rx	_				Userse	
Therapeutic Category	F Total	Patented Brand- Name	Brand-	Generic		Patented Brand- Name	Off- Patent Brand- Name G	eneric	F Total	atented Brand- Name	Off- Patent Brand- Name G	Seneric	Total Number of Rx	Total Rx \$		As a Percentage of Dual Benes	Number of Benefit Months
Anti-infective Agents	0.4	0.1	0.1	0.2	\$49	\$39	\$4	\$6	\$132	\$264	\$70	\$38	323,917	\$42,859,353	79,224	56.4	879,168
Biologicals	0.1	0.1	0.0	0.0	21	2	3	17	192	25	2,011	404	6,565	1,258,739	5,228	3.7	59,579
Antineoplastic Agents	0.5	0.1	0.0	0.4	111	68	0	42	220	632	314	107	46,459	10,218,384	8,864	6.3	92,115
Endocrine/Metabolic Drugs	1.1	0.4	0.1	0.6	65	49	4	12	60	110	51	21	790,793	47,447,048	66,619	47.4	732,184
Cardiovascular Agents	1.9	1.0	0.0	0.9	96	75	0	21	50	77	52	23	2,047,107	103,284,107	98,296	69.9	1,071,526
Respiratory Agents	0.8	0.5	0.0	0.3	52	43	2	6	69	94	63	23	537,164	36,801,812	64,037	45.6	712,687
Gastrointestinal Agents	0.9	0.5	0.0	0.3	78	67	0	11	92	130	55	33	669,854	61,573,337	71,889	51.2	786,960
Genitourinary Agents	0.5	0.4	0.0	0.1	37	33	1	4	70	82	70	32	145,742	10,226,421	24,652	17.5	272,968
CNS Drugs	1.5	0.8	0.0	0.7	136	110	4	22	92	143	156	32	1,181,461	108,728,506	73,361	52.2	799,014
Stimulants/Anti-obesity/Anorexia	0.5	0.4	0.0	0.1	77	72	1	4	155	191	146	32	13,078	2,026,867	2,387	1.7	26,400
Miscellaneous Psychological/ Neurological Agents	0.8	0.8	0.0	0.0	120	118	0	2	146	147	58	100	148,382	21,654,580	16,776	11.9	179,856
Analgesics and Anesthetics	0.7	0.2	0.0	0.5	61	29	7	24	83	152	167	49	575,960	47,902,377	71,872	51.1	791,454
Neuromuscular Agents	1.2	0.5	0.1	0.7	76	44	4	28	63	96	68	40	529,687	33,326,572	39,785	28.3	439,559
Nutritional Products	0.6	0.0	0.1	0.4	9	1	2	6	15	24	16	14	283,239	4,323,288	44,027	31.3	484,324
Hematological Agents	0.9	0.4	0.0	0.4	104	95	1	8	121	239	42	18	373,301	45,116,502	39,981	28.4	433,810
Topical Products	0.7	0.3	0.0	0.3	45	34	1	10	68	100	68	33	563,451	38,528,664	77,402	55.1	861,821
Miscellaneous Products	0.4	0.2	0.0	0.2	103	84	8	12	280	443	263	79	16,252	4,546,403	4,020	2.9	43,961
Unknown Therapeutic Category TOTAL NO. OF RX AND RX \$	0.4	0.0		0.0	9	0	0	0	25	0	0	0	6,172	151,748	1,497	1.1	16,904
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.	8,258,584	619,974,708	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

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

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

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

c. For information about these therapeutic categories, see Wolters Kluwer Health, http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615 (October 26, 2007).

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 New Jersey, 1.2 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.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615 (October 26, 2007).

e. A user is a beneficiary who had at least one prescription filled in a given therapeutic category during 2005.

TABLE D.7 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT, BY TOP 10 DRUG GROUP<sup>a, b, c</sup> DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

	-		Users		An	nong Usei	rs
Top 10 Drug Groups	Total Medicaid Rx	Number of Users	As a Percentage of Dual Beneficiaries	Number of Benefit Months	Number of Rx per Benefit Month	\$ per Rx	Rx \$ per Benefit Month
ANTIPSYCHOTICS	\$66,560,330	37,921	27.0	419,461	0.9	\$171	\$159
ULCER DRUGS	49,313,967	71,600	50.9	792,583	0.6	104	62
ANTIHYPERLIPIDEMIC	37,405,544	54,785	39.0	620,112	0.6	100	60
ANTIDIABETIC	29,190,663	58,043	41.3	650,197	0.6	70	45
ANTIDEPRESSANTS	27,927,604	55,474	39.5	607,844	0.7	65	46
ANTIHYPERTENSIVE	26,221,598	75,429	53.7	842,259	0.6	50	31
ANTICONVULSANT	25,635,532	32,995	23.5	367,127	1.1	66	70
ANTIVIRAL	25,034,618	9,378	6.7	105,211	0.5	513	238
ANALGESICS - Narcotic	24,663,027	70,987	50.5	788,350	0.4	78	31
DERMATOLOGICAL	24,579,879	114,103	81.2	1,296,559	0.2	76	19
Total	336,532,762	580,715		6,489,703	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

a. Table D.7 includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2005. 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.

b. Medicaid relinious entent amounts presented in this table do not relied receitally equired residates from roug manufacturers to the state.

C. The top 10 drug groups were determined based on total Medicaid reimbursement in the state for 2005. For information about these drug groups, see Wolters Kluwer Health, http://www.medispan.com/marketing/ContentPage.aspx/2contentId=0980f1ed-80a9-4a87-8bc9-ad778d7b6615 (October 26, 2007).

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

<sup>=</sup> Medicaid reimbursement; n.a. = not applicable.

# TABLE D.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> DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

All Top 10 Drug Groups ANTIPSYCHOTICS ULCER DRUGS

Beneficiary Characteristics	Number of Rx	Rx \$	Number of Users	Users as % of Dual Benes	Number of Benefit Months Among Users	of Rx	Mean Rx \$ per Benefit Month	Number of Users	Users as % of Dual Benes	Number of Benefit Months Among Users	of Rx per I Benefit	Mean Rx \$ per Benefit Month
All	3,687,261	\$336,532,762	37,921	27.0	419,461	0.9	\$159	71,600	50.9	792,583	0.6	\$62
Female												
All Females	2,429,478	210,232,090	22,726	24.5	249,608	0.8	134	51,061	54.9	566,052	0.6	63
Female, Disabled												
All Ages	1,242,291	120,855,383	12,955	32.6	147,912	0.9	164	22,709	57.2	260,322	0.6	63
5 and younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	4	528	0	0.0	0	0.0	0	2	100.0	12	0.2	16
15-20	474	52,249	13	19.7	156	0.3	33	21	31.8	237	0.3	25
21-44	190,827	22,799,681	3,689	50.7	41,890	0.9	172	2,599	35.8	29,616	0.5	56
45-64	519,445	52,540,530	5,809	40.1	66,528	1.0	177	8,355	57.7	95,293	0.6	64
65-74	348,181	30,308,134	2,070	18.2	23,768	0.9	139	7,409	65.2	85,522	0.5	63
75-84	155,626	13,041,070	1,095	20.3	12,486	0.8	132	3,590	66.7	41,453	0.6	64
85 and older	27,734	2,113,191	279	24.2	3,084	0.7	99	733	63.6	8,189	0.6	64
Female, Other Eligibles												
All Ages	1,187,187	89,376,707	9,771	18.4	101,696	0.7	89	28,352	53.3	305,730	0.6	63
5 and younger	27	2,716	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	42	11,491	0	0.0	0	0.0	0	2	66.7	24	0.3	9
15-20	87	12,863	1	16.7	12	1.6	466	0	0.0	0	0.0	0
21-44	778	83,858	28	14.4	176	0.6	103	20	10.3	95	0.5	64
45-64	1,003	100,438	9	11.7	80	0.7	169	28	36.4	234	0.6	88
65-74	232,595	19,505,068	1,033	8.4	11,098	0.7	108	5,898	48.0	65,547	0.5	58
75-84	497,346	38,535,105	3,579	17.6	38,077	0.7	93	11,428	56.3	126,493	0.6	63
85 and older	455,309	31,125,168	5,121	25.2	52,253	0.7	83	10,976	53.9	113,337	0.7	65
Male												
All Males	1,257,783	126,300,672	15,195	31.9	169,853	1.1	196	20,539	43.2	226,531	0.6	61
Male, Disabled												
All Ages	887,571	97,978,640	12,436	43.3	141,875	1.1	215	11,711	40.8	132,712	0.7	62
5 and younger	8	169	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	103	8,908	1	12.5	12	0.2	28	2	25.0	24	0.6	107
15-20	903	122,076	33	31.7	358	0.6	125	17	16.3	189	0.4	29
21-44	234,970	30,894,866	5,146	55.1	58,555	1.0	214	2,459	26.3	28,020	0.7	59
45-64	439,794	49,465,107	5,799	48.2	66,386	1.2	229	5,221	43.4	59,004	0.7	63
65-74	162,116	13,529,377	1,091	20.1	12,393	1.0	174	2,922	53.7	33,204	0.6	63
75-84	45,742	3,669,393	330	20.3	3,791	0.9	140	996	61.3	11,281	0.6	67
85 and older	3,935	288,744	36	21.3	380	0.9	140	94	55.6	990	0.7	68

# TABLE D.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> DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

All Top 10 Drug Groups ANTIPSYCHOTICS ULCER DRUGS

Beneficiary			Number of	Users as % of Dual	Number of Benefit Months Among	of Rx	Mean Rx \$ per Benefit	Number of	Users as % of Dual	Number of Benefit Months Among	of Rx	Mean Rx \$ per Benefit
Characteristics	Number of Rx	Rx\$	Users	Benes	Users	Month	Month	Users	Benes	Users	Month	Month
Male, Other Eligibles												
All Ages	370,212	28,322,032	2,759	14.6	27,978	0.7	97	8,828	46.8	93,819	0.6	59
5 and younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	45	5,444	3	50.0	36	0.4	58	0	0.0	0	0.0	0
21-44	109	18,262	6	9.5	20	8.0	261	5	7.9	30	0.5	71
45-64	257	24,003	2	5.9	6	1.0	284	7	20.6	62	0.6	60
65-74	119,504	9,698,898	620	9.1	6,532	0.8	112	2,813	41.3	30,475	0.5	55
75-84	177,334	13,541,266	1,269	15.7	13,141	0.7	99	4,019	49.6	43,369	0.6	62
85 and older	72,963	5,034,159	859	22.2	8,243	0.7	80	1,984	51.2	19,883	0.6	61
Unknown	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

a. Table D.7A includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615 (October 26, 2007).

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

### TABLE D.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>
DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

		ANTIHY	PERLIPIDE	MIC			AN	TIDIABETIC	;			ANTIC	EPRESSAN	TS	
	Number of	Users as %	Months	Mean Number of Rx per F		Number of	Users as %	Months	Mean Number of Rx per F		Number of	Users as %	Months		Mean Rx \$ per
Beneficiary Characteristics	Number of Users		Among Users	Month	Month	Number of Users	Benes	Among Users	Month	Month	Number of Users		Among Users	Month	Benefit Month
All	54,785	39.0	620,112	0.6	\$60	58,043	41.3	650,197	0.6	\$45	55,474	39.5	607,844	0.7	\$46
Female															
All Females	37,451	40.3	425,044	0.6	60	39,530	42.5	444,292	0.6	45	39,367	42.4	430,819	0.7	46
Female, Disabled															
All Ages	17,615	44.4	203,686	0.6	60	19,739	49.7	226,273	0.6	47	19,540	49.2	222,190	0.7	46
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C
15-20	5	7.6	60	0.3	13	7	10.6	72	0.2	12	9	13.6	108	0.3	21
21-44	1,018	14.0	11,648	0.6	53	1,240	17.1	13,960	0.6	48	4,169	57.4	46,943	0.7	49
45-64	6,381	44.1	73,270	0.6	58	6,925	47.8	78,962	0.6	49	8,932	61.7	101,252	0.7	48
65-74	7,041	62.0	81,653	0.6	61	8,040	70.8	92,584	0.6	48	4,241	37.3	48,743	0.6	43
75-84	2,843	52.8	33,301	0.6	63	3,082	57.3	35,730	0.6	43	1,836	34.1	21,120	0.6	41
85 and older	327	28.4	3,754	0.6	62	445	38.6	4,965	0.7	42	353	30.6	4,024	0.7	42
Female, Other Eligibles															
All Ages	19,836	37.3	221,358	0.6	61	19,791	37.2	218,019	0.7	42	19,827	37.2	208,629	0.7	46
5 and younger	3	100.0	30	0.5	59	0	0.0	0	0.0	0	0	0.0	0	0.0	C
6-14	1	33.3	1	1.0	75	0	0.0	0	0.0	0	0	0.0	0	0.0	C
15-20	0	0.0	0	0.0	0	0	0.0	0	0.0	0	4	66.7	37	1.0	112
21-44	14	7.2	74	0.6	57	29	14.9	183	0.8	42	54	27.7	264	0.5	35
45-64	27	35.1	226	0.5	48	23	29.9	193	0.6	53	27	35.1	222	0.6	33
65-74	6,267	51.0	69,961	0.5	56	5,800	47.2	64,236	0.6	44	2,929	23.9	31,974	0.6	41
75-84	9,350	46.0	105,914	0.6	62	8,923	43.9	99,932	0.7	43	7,404	36.4	79,785	0.7	45
85 and older	4,174	20.5	45,152	0.7	65	5,016	24.6	53,475	0.7	37	9,409	46.2	96,347	0.8	48
Male															
All Males	17,334	36.4	195,068	0.6	61	18,513	38.9	205,905	0.6	46	16,107	33.8	177,025	0.7	46
Male, Disabled															
All Ages	9,980	34.7	114,164	0.7	60	10,411	36.3	117,957	0.7	48	11,015	38.4	124,408	0.7	47
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	2	25.0	24	0.4	33
15-20	7	6.7	81	0.2	23	3	2.9	36	0.8	94	14	13.5	156	0.6	37
21-44	1,777	19.0	20,353	0.6	52	1,457	15.6	16,462	0.7	50	3,773	40.4	42,562	0.7	48
45-64	4,577	38.0	52,112	0.7	60	4,697	39.0	52,870	0.7	49	5,187	43.1	58,597	0.8	49
65-74	2,864	52.6	32,946	0.6	64	3,331	61.2	38,070	0.7	48	1,547	28.4	17,537	0.7	42
75-84	722	44.4	8,312	0.7	64	877	53.9	10,007	0.6	44	449	27.6	5,096	0.7	43
85 and older	33	19.5	360	0.7	64	46	27.2	512	0.7	40	43	25.4	436	0.7	51

### TABLE D.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> DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

		ANTIHY	PERLIPIDE	MIC			AN	TIDIABETIC				ANTII	DEPRESSAN	TS	
			Number of	Mean				Number of	Mean				Number of	Mean	
		Users	Benefit N	lumber of	Mean		Users	Benefit N	lumber of	Mean		Users	Benefit N	Number of	Mean
		as %	Months		Rx \$ per		as %	Months		Rx \$ per		as %	Months		Rx \$ per
Depoticion, Characteristics	Number of	of Dual	Among	Benefit			of Dual	Among				of Dual	Among		
Beneficiary Characteristics	Users	Benes	Users	Month	Month	Users	Benes	Users	Month	Month	Users	Benes	Users	Month	Month
Male, Other Eligibles															
All Ages	7,354	39.0	80,904	0.6	62	8,102	42.9	87,948	0.6	42	5,092	27.0	52,617	0.7	43
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	1	16.7	2	0.5	38	0	0.0	0	0.0	0	1	16.7	12	0.3	18
21-44	6	9.5	32	0.4	28	5	7.9	14	0.6	41	5	7.9	14	0.8	48
45-64	4	11.8	28	0.4	33	10	29.4	98	0.6	55	5	14.7	14	0.6	29
65-74	3,048	44.8	33,482	0.6	59	3,290	48.3	35,654	0.6	44	1,259	18.5	13,552	0.6	40
75-84	3,430	42.4	38,261	0.6	64	3,719	45.9	41,229	0.6	41	2,316	28.6	24,381	0.7	43
85 and older	865	22.3	9,099	0.6	63	1,078	27.8	10,953	0.7	39	1,506	38.9	14,644	0.7	45
Unknown	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 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

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

a. Table D.7B includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615 (October 26, 2007).

## TABLE D.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> DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

**ANTIHYPERTENSIVE** ANTICONVULSANT ANTIVIRAL Number of Mean Number of Mean Number of Mean Users Benefit Number of Mean Users Benefit Number of Mean Users Benefit Number of Mean Rx per Rx \$ per Rx per Rx \$ per Rx per Rx \$ per as % Months as % Months as % Months Benefit Benefit Benefit Beneficiary Number of of Dual Among Benefit Number of of Dual Among Benefit Benefit Number of of Dual Among Users Benes Users Benes Month Characteristics Users Benes Users Month Month Users Month Month Users Month ΑII 75.429 53.7 842.259 0.6 \$31 32.995 23.5 367,127 1.1 \$70 9.378 6.7 105,211 0.5 \$238 Female All Females 51,925 55.9 580,819 0.6 32 20,874 22.5 231,824 1.0 64 5,033 5.4 56,870 0.4 162 Female, Disabled All Ages 21,593 54.4 248,017 0.6 32 12,902 32.5 146,845 1.1 79 3,230 8.1 36,901 0.5 233 0 5 and younger 0 0.0 0 0.0 0 0 0.0 0 0.0 0 0 0.0 0 0.0 0 0 0 0 0 49 6-14 0 0.0 0.0 0.0 0.0 1 50.0 6 0.2 15-20 7 10.6 78 0.3 16 24 36.4 248 0.6 82 4 6.1 39 0.4 299 23 927 21-44 1,271 17.5 14,319 0.6 3,167 43.6 35,797 1.2 104 12.8 10,454 0.5 267 45-64 7,161 49.5 81,661 0.6 30 5,824 40.2 66,117 1.2 85 1,598 11.0 18,287 0.5 273 65-74 8,447 74.4 97,495 0.6 33 2,573 22.6 29,620 8.0 50 494 4.3 5,701 0.3 118 33 177 2,084 52 75-84 3,996 74.3 46,419 0.6 21.3 13,131 8.0 47 3.3 0.2 1,146 31 37 13 85 and older 711 61.7 8,045 0.6 168 14.6 1,932 8.0 29 2.5 330 0.1 Female, Other Eligibles All Ages 30,332 57.0 332,802 0.6 32 7,972 15.0 84,979 0.7 38 1,803 3.4 19,969 0.1 31 33.3 0.5 64 0 0.0 0 0.0 0 0 0.0 0 0.0 0 10 5 and younger 6-14 33.3 12 1.2 43 0 0.0 0 0.0 0 3 100.0 36 0.5 295 15-20 16.7 1 1.0 66 3 50.0 36 0.7 79 0 0.0 0 0.0 0 21-44 19 9.7 87 0.5 25 23 11.8 99 8.0 96 9 4.6 56 0.7 264 28 7 45-64 28 36.4 268 0.5 13 16.9 121 0.4 53 9.1 55 0.5 162 65-74 7.575 61.7 83.792 0.6 32 1.586 12.9 17,294 0.6 40 381 3.1 4.319 0.2 75 75-84 13,071 64.3 146,715 33 3,392 36,859 0.7 39 682 7,746 0.1 23 0.6 16.7 3.4 85 and older 9,636 47.3 101,917 0.7 31 2,955 14.5 30,570 0.8 37 721 3.5 7,757 0.1 12 Male 23,504 All Males 49.4 261,440 0.6 30 12,121 25.5 135,303 80 4,345 48.341 0.6 328 1.3 9.1 Male, Disabled All Ages 12,404 140,587 29 9,531 107,990 3,771 42,048 0.6 364 43.2 0.6 33.2 1.4 90 13.1 25.0 13 0 0.0 0 0.0 0 0 0.0 0 0.0 0 5 and younger 12 0.5 6-14 5 62.5 60 0.3 12 2 25.0 24 0.3 6 2 25.0 24 0.6 141 15-20 17 16.3 193 0.4 11 28 26.9 271 8.0 88 8 7.7 89 0.5 309 21-44 1.886 20.2 21.164 26 3.293 35.3 37,341 1.3 104 1,370 14.7 15,162 0.6 349 0.6 45-64 5,522 45.9 62,339 0.7 29 4,536 37.7 51,411 1.6 93 2,037 16.9 22,769 0.7 408 65-74 3,797 69.8 43,356 0.6 31 1,267 23.3 14,402 1.0 57 283 5.2 3,207 0.4 203 75-84 1.080 66.4 12,380 0.6 32 367 22.6 4,179 1.0 51 68 4.2 761 0.2 65 32 3 36 0.3 18 85 and older 96 56.8 1,083 0.6 38 22.5 362 0.9 46 1.8

## TABLE D.7C MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE $^{\mathrm{a}}$ , $^{\mathrm{b}}$ , $^{\mathrm{c}}$

PARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, D</sup> DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

		ANTIH	YPERTENSI	VE			ANTI	CONVULSAN	IT			i	ANTIVIRAL		
			Number of	Mean				Number of	Mean				Number of	Mean	
		Users		lumber of	Mean		Users	Benefit N		Mean		Users		lumber of	Mean
		as %	Months		Rx \$ per		as %	Months		Rx \$ per		as %			Rx \$ per
Beneficiary	Number of	of Dual	Among	Benefit		Number of	of Dual	Among	Benefit		Number of	of Dual	Among	Benefit	Benefit
Characteristics	Users	Benes	Users	Month	Month	Users	Benes	Users	Month	Month	Users	Benes	Users	Month	Month
Male, Other Elig	ibles														
All Ages	11,100	58.8	120,853	0.6	30	2,590	13.7	27,313	0.8	41	574	3.0	6,293	0.2	82
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	0	0.0	0	0.0	0	3	50.0	36	0.4	59	0	0.0	0	0.0	0
21-44	4	6.3	9	0.4	22	4	6.3	11	0.5	37	3	4.8	9	0.4	636
45-64	13	38.2	59	0.6	15	6	17.6	38	0.7	38	4	11.8	17	0.4	308
65-74	4,131	60.7	44,778	0.6	30	793	11.7	8,547	0.7	43	183	2.7	2,027	0.4	175
75-84	5,187	64.1	57,648	0.6	30	1,180	14.6	12,722	0.8	41	263	3.2	2,947	0.2	45
85 and older	1,765	45.6	18,359	0.7	28	604	15.6	5,959	0.8	38	121	3.1	1,293	0.1	11
Unknown	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 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

a. Table D.7C includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615 (October 26, 2007).

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

### TABLE D.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> DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005 - Narcotic DERMATOLOGICAL

		ANALO	SESICS - Nar		DEE DEIN	EFICIARIES, I		MATOLOGIC.	AL			
Beneficiary Characteristics	Number of Users		Number of Benefit I Months Among Users	Mean Number of Rx per F Benefit Month		Number of Users	Users as % of Dual Benes	Number of Benefit N Months Among Users	Mean Jumber of Rx per F Benefit Month	Mean Rx \$ per Benefit Month	Number of Beneficiaries	Number of Benefit Months
All	70,987	50.5	788,350	0.4	\$31	114,103	81.2	1,296,559	0.2	\$19	140,537	1,483,796
Female	•		•			•				·	,	, ,
All Females	50,570	54.4	561,771	0.4	29	80,317	86.4	913,076	0.2	19	92,938	983,465
Female, Disable	d		,			,		,			,	,
All Ages	27,063	68.2	310,345	0.4	36	36,640	92.3	426,543	0.2	19	39,705	437,186
5 and younger	0		0	0.0	0	0	0.0	0	0.0	0	1	12
6-14	0	0.0	0	0.0	0	1	50.0	6	0.2	7	2	12
15-20	19	28.8	227	0.2	7	18	27.3	211	0.2	11	66	620
21-44	4,537	62.4	51,127	0.4	49	5,021	69.1	58,052	0.2	17	7,269	77,343
45-64	11,278	77.9	128,958	0.4	44	13,406	92.6	155,734	0.2	19	14,473	158,642
65-74	7,426	65.4	86,076	0.3	24	11,748	103.4	137,519	0.2	20	11,361	127,096
75-84	3,257	60.5	37,793	0.3	19	5,413	100.6	63,188	0.2	20	5,381	60,911
85 and older	546	47.4	6,164	0.4	19	1,033	89.7	11,833	0.3	19	1,152	12,550
Female, Other El	igibles											
All Ages	23,507	44.2	251,426	0.4	20	43,677	82.0	486,533	0.3	19	53,233	546,279
5 and younger	0	0.0	0	0.0	0	3	100.0	30	0.2	10	3	30
6-14	1	33.3	12	0.1	2	1	33.3	12	0.1	3	3	25
15-20	0	0.0	0	0.0	0	3	50.0	25	0.2	9	6	33
21-44	56	28.7	331	0.3	27	28	14.4	188	0.2	16	195	804
45-64	45	58.4	458	0.4	25	30	39.0	300	0.2	13	77	457
65-74	5,048	41.1	56,519	0.3	15	8,465	68.9	96,078	0.2	20	12,280	127,593
75-84	9,597	47.2	105,625	0.4	19	18,067	88.9	205,395	0.2	20	20,314	216,377
85 and older	8,760	43.0	88,481	0.5	24	17,080	83.9	184,505	0.3	18	20,355	200,960
Male												
All Males	20,417	42.9	226,579	0.4	38	33,786	71.0	383,483	0.3	18	47,599	500,331
Male, Disabled												
All Ages	13,994	48.7	158,651	0.4	47	19,582	68.2	226,641	0.3	18	28,720	311,804
5 and younger	1	25.0	12	0.2	2	0	0.0	0	0.0	0	4	41
6-14	0	0.0	0	0.0	0	9	112.5	104	0.3	10	8	83
15-20	18	17.3	183	0.1	1	43	41.3	509	0.3	15	104	1,074
21-44	3,967	42.5	44,990	0.4	49	4,438	47.5	51,391	0.2	17	9,340	100,377
45-64	6,548	54.4	74,060	0.4	60	8,457	70.3	97,600	0.3	18	12,029	130,244
65-74	2,614	48.1	29,838	0.4	24	4,877	89.7	56,586	0.3	20	5,440	59,990
75-84	778	47.8	8,866	0.3	18	1,588	97.7	18,498	0.3	21	1,626	18,228
85 and older	68	40.2	702	0.5	24	170	100.6	1,953	0.3	17	169	1,767

### TABLE D.7D MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR NINTH AND TENTH TOP DRUG GROUPS

SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGEA, b, c DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

	ANALGESICS - Narcotic					DERMATOLOGICAL						
		Users	Number of	Mean Jumber of	Mean		Users	Number of Benefit N	Mean	Mean		
		as %	Months		Rx \$ per		as %		Rx per f			
Beneficiary	Number of	of Dual	Among	Benefit		Number of	of Dual	Among	Benefit	Benefit	Number of	Number of
Characteristics	Users	Benes	Users	Month	Month	Users	Benes	Users	Month	Month	Beneficiaries E	Benefit Months
Male, Other Eligi	ibles											
All Ages	6,423	34.0	67,928	0.3	16	14,204	75.2	156,842	0.3	18	18,879	188,527
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
15-20	0	0.0	0	0.0	0	1	16.7	12	1.0	79	6	60
21-44	13	20.6	46	0.5	40	8	12.7	34	0.3	18	63	265
45-64	12	35.3	57	0.8	33	8	23.5	49	0.5	49	34	134
65-74	2,214	32.5	23,860	0.3	15	4,176	61.4	46,299	0.2	18	6,805	67,947
75-84	2,920	36.1	31,574	0.3	17	6,822	84.2	76,733	0.3	19	8,098	83,858
85 and older	1,264	32.6	12,391	0.4	16	3,189	82.3	33,715	0.3	17	3,873	36,263
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 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

a. Table D.7D includes the beneficiaries represented by Cell G of Table 1. A user is a beneficiary who had at least one prescription filled in a given drug group during 2005. 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 2005. For information about these drug groups, see Wolters Kluwer Health, http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615 (October 26, 2007).

Bene(s) = Deneficiary (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.

#### TABLE D.8 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,

#### BY BENEFICIARY CHARACTERISTIC<sup>a, b</sup> DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

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
All	\$492	8.6	21,823	221,054
Age				
0-64	747	11.0	1,874	20,644
65-74	600	10.1	2,603	27,750
75-84	511	8.8	6,534	66,564
85 and older	402	7.6	10,812	106,096
Unknown	0	0.0	0	0
Gender				
Female	470	8.4	16,609	168,716
Male	561	9.0	5,214	52,338
Unknown	0	0.0	0	0
Race				
White	480	8.6	16,988	170,294
African American	522	8.2	2,873	30,451
Other/unknown	543	8.6	1,962	20,309
Basis of Eligibility	:			
Aged	448	8.1	17,170	169,447
Disabled	636	10.0	4,653	51,607
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 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

a. Table D.8 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their 2005 Medicaid enrollment. A total of 11,534 beneficiaries who were in nursing facilities for part of their enrollment and their 110,750 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 ebecause 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.

### TABLE D.9 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR ALL-YEAR NURSING FACILITY RESIDENTS,

BY BRAND STATUS AND THERAPEUTIC CATEGORY<sup>a</sup>, b, c, d, e
DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

Number of Rx per Benefit \$ per Benefit Month Among

Month Among Users Users \$ per Rx Users

Therapeutic Category	P Total	atented Brand- Name	Brand-	eneric			Off- Patent Brand- Name G	eneric		atented Brand- Name	Off- Patent Brand- Name G	Generic	Total Number of Rx	Total Rx \$	Number of Users	As a Percentage of Dual All-Year Nursing Facility Residents	Number of Benefit Months
Anti-infective Agents	0.3	0.1	0.0	0.2	\$27	\$18	\$3	\$6	\$79	\$137	\$71	\$37	50,591	\$3,971,876	13,817	63.3	147,712
Biologicals	0.1	0.0	0.0	0.1	3	1	0	2	25	19	112	27	1,632	40,494	1,449	6.6	15,833
Antineoplastic Agents	0.6	0.1	0.0	0.6	89	31	0	58	141	434	87	104	15,495	2,189,701	2,489	11.4	24,636
Endocrine/Metabolic Drugs	1.4	0.4	0.1	0.8	53	35	6	11	37	79	47	13	156,170	5,835,634	10,563	48.4	110,465
Cardiovascular Agents	2.5	0.8	0.0	1.7	81	48	0	33	33	58	19	20	422,625	13,762,859	16,418	75.2	169,391
Respiratory Agents	0.9	0.5	0.0	0.4	50	37	1	11	55	79	50	27	85,026	4,671,246	8,873	40.7	94,065
Gastrointestinal Agents	1.2	0.6	0.0	0.6	83	61	0	22	67	100	39	35	174,516	11,624,109	13,411	61.5	139,877
Genitourinary Agents	0.7	0.5	0.0	0.2	40	32	0	7	59	71	99	34	42,587	2,498,498	5,812	26.6	62,664
CNS Drugs	1.9	1.1	0.0	0.9	148	118	1	29	76	112	79	33	308,525	23,489,522	15,127	69.3	158,308
Stimulants/Anti-obesity/Anorexia	0.9	0.5	0.0	0.3	82	78	0	4	96	146	0	12	3,116	298,873	352	1.6	3,641
Miscellaneous Psychological/ Neurological Agents	1.1	1.1	0.0	0.0	145	145	0	0	126	126	6	62	73,756	9,308,733	6,191	28.4	64,325
Analgesics and Anesthetics	1.2	0.2	0.1	0.8	61	21	6	33	52	86	79	39	112,117	5,825,544	9,256	42.4	95,975
Neuromuscular Agents	1.6	0.4	0.0	1.2	90	40	1	49	55	96	64	40	129,448	7,074,478	7,307	33.5	78,656
Nutritional Products	8.0	0.0	0.1	0.7	10	1	1	8	12	29	10	12	66,146	799,545	7,674	35.2	79,752
Hematological Agents	1.4	0.6	0.0	0.8	123	114	1	9	90	197	26	11	123,515	11,088,709	8,666	39.7	89,856
Topical Products	8.0	0.4	0.0	0.4	38	30	1	8	49	77	51	21	123,381	6,043,054	14,640	67.1	157,325
Miscellaneous Products	0.3	0.1	0.0	0.2	13	8	0	5	51	122	0	27	3,050	155,628	1,126	5.2	12,079
Unknown Therapeutic Category	0.4	0.0	0.0	0.0	7	0	0	0	17	0	0	0	1,353	23,671	293	1.3	3,197
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.	1,893,049	108,702,174	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

In New Jersey, 1.2 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 Medicaire & Medicaird Services; CNS = Central Nervous System; MAX = Medicaird Analytic Extract; n.a. = not applicable; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$\$ = Medicaird reimbursement.\$\$

a. Table D.9 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2005. A total of 11,534 beneficiaries who were

in nursing facilities for part of their enrollment and their 110,750 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 2005. 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.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615 (October 26, 2007).

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.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615 (October 26, 2007).

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

#### DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

	-		Users				Among Users
Top 10 Drug Groups in Nursing Facilities	Total Medicaid Rx \$	Number of Users	As a Percentage of All-Year Nursing Facility Residents	Number of Benefit Monthsp	Number of Rx er Benefit Month	\$ per Rx	Rx \$ per Benefit Month
ANTIPSYCHOTICS	\$13,593,403	9,276	42.5	99,584	1.0	\$142	\$137
ULCER DRUGS	9,811,566	12,558	57.5	130,877	0.9	85	75
MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL	9,308,733	7,634	35.0	79,270	0.9	126	117
ANTIDEPRESSANTS	8,296,503	13,548	62.1	142,840	1.0	60	58
HEMATOPOIETIC AGENTS	5,789,809	4,693	21.5	49,158	0.9	136	118
ANTICONVULSANT	4,873,366	6,945	31.8	75,490	1.2	52	65
DERMATOLOGICAL	4,048,136	21,853	100.1	239,677	0.3	54	17
ANTIASTHMATIC	3,657,185	9,836	45.1	102,404	0.6	59	36
ANALGESICS - Narcotic	3,628,275	8,811	40.4	90,175	0.8	48	40
MISC. HEMATOLOGICAL	3,451,804	3,621	16.6	38,123	0.9	97	91
Total	66,458,780	98,775		1,047,598	n.a.	n.a.	n.a.

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.

Source: Data for this table are from the MAX 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

a. Table D.10 includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2005. A total of 11,534 beneficiaries who were in nursing facilities for part of their enrollment and their 110,750 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 2005. 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.

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All Top 10 Drug Groups **ANTIPSYCHOTICS ULCER DRUGS** Users as % Number of Users as % Number of of All-Year Benefit of All-Year Benefit Months Months Mean Nursing Mean Nursing Among Number Mean Beneficiary Number of Facility Among Number Mean Number of Facility Rx \$ Residents Rx\$ Residents Rx\$ Characteristics Number of Rx Users Users of Rx Users Users of Rx ΑII 808.647 \$66.458.780 9.276 42.5 99.584 1.0 \$137 12.558 57.5 130.877 0.9 \$75 Female All Females 598,803 48,867,948 6,800 40.9 72,897 0.9 126 9,548 57.5 99,514 0.9 75 Female, Disabled All Ages 136,187 12,048,241 1,627 60.0 18,604 1.2 187 1,691 62.4 18,745 0.9 77 64 or younger 49,989 4,563,325 514 60.7 5,790 1.3 213 504 59.5 5,569 1.0 81 65-74 44,852 3,812,237 519 62.5 6,048 1.2 195 517 62.2 5,865 0.9 74 75-84 31.365 2.776.808 458 62.9 5.243 168 467 64.1 5.112 0.9 78 1.1 85 and older 9,981 895,871 136 44.4 1,523 0.9 128 203 66.3 2,199 0.9 72 Female, Other Eligibles 462,616 5,173 37.2 54,293 105 7,857 80,769 0.9 All Ages 36,819,707 0.8 56.5 74 0 0 0 0.0 0 0.0 0 0 0.0 0 0.0 0 64 or younger 2,642,884 65-74 32,502 349 51.9 3,654 1.0 158 433 64.4 4,478 0.9 74 0.9 75 75-84 157,356 12,695,327 1,784 43.1 19,069 0.9 112 2,453 59.2 25,637 85 and older 272,758 21,481,496 3,040 33.5 31,570 0.8 94 4,971 54.7 50,654 0.9 74 Male All Males 209,844 17,590,832 2,476 47.5 26,687 3,010 31,363 0.9 76 1.1 166 57.7 Male, Disabled All Ages 100,841 8,667,156 1,198 61.7 13,550 1.3 207 1,190 61.3 13,279 0.9 80 64 or younger 58,354 5.039.719 641 62.5 7.161 213 625 61.0 6.993 1.0 81 1.4 65-74 29,783 2,505,531 387 65.0 4,429 1.3 214 362 60.8 4.017 0.9 79 75-84 10,808 943,158 147 56.5 1,714 171 171 65.8 1,903 0.9 79 1.1 85 and older 1,896 178,748 23 37.7 246 160 32 52.5 366 0.9 87 1.1 Male, Other Eligibles 18.084 All Ages 109,003 8.923.676 1.278 39.0 13.137 0.9 123 1.820 55.6 0.9 73 64 or younger 27 2,178 0 0.0 0 0.0 0 50.0 12 0.3 50 65-74 19.258 1,520,630 229 45.3 2.385 150 309 61.2 3.212 0.8 71 11 75-84 51,231 4,213,187 606 43.1 6,414 0.9 129 779 55.4 7,859 0.9 76 85 and older 38,487 3,187,681 443 32.5 4,338 0.8 99 731 53.7 7,001 8.0 70 Unknown 0 0 0 0.0 0 0.0 0 0 0.0 0 0.0

Source: Data for this table are from the MAX 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

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.

a. Table D.10A includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2005. A total of 11,534 beneficiaries who were in nursing facilities for part of their enrollment and their 110,750 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615 (October 26, 2007).

#### TABLE D.10B

#### MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR THIRD TO FIFTH TOP DRUG GROUPS SEPARATELY

AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup> DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

	MISC		HERAPEUT OLOGICAL	IC AND			ANTIDE	PRESSANTS	8		ŀ	HEMATOPO	IETIC AGEN	NTS	
Beneficiary Characteristics	Number of Users	Year Nursing Facility				Number of Users	Year Nursing Facility	Number of Benefit Months Among Users			Number of Users	Year Nursing Facility	Number of Benefit Months Among Users	Mean Number of Rx	
All	7,634	35.0	79,270	0.9	\$117	13,548	62.1	142,840	1.0	\$58	4,693	21.5	49,158	0.9	\$118
Female															
All Females	5,996	36.1	62,517	0.9	116	10,455	62.9	110,507	1.0	58	3,465	20.9	36,640	0.9	116
Female, Disable	ed														
All Ages	530	19.5	6,060	0.9	189	1,711	63.1	19,282	1.1	64	578	21.3	6,438	0.9	133
64 or younger	118	13.9	1,354	1.1	446	623	73.6	6,878	1.1	70	147	17.4	1,616	0.9	132
65-74	154	18.5	1,754	0.9	115	554	66.7	6,393	1.1	65	182	21.9	2,069	0.9	138
75-84	182	25.0	2,109	0.9	119	399	54.8	4,479	1.0	59	167	22.9	1,832	0.9	110
85 and older	76	24.8	843	0.9	107	135	44.1	1,532	0.9	52	82	26.8	921	0.9	170
Female, Other E	Eligibles														
All Ages	5,466	39.3	56,457	0.9	108	8,744	62.9	91,225	0.9	56	2,887	20.8	30,202	0.9	112
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	259	38.5	2,568	0.9	125	504	75.0	5,232	1.0	63	155	23.1	1,586	1.0	129
75-84	1,829	44.2	19,039	0.9	107	2,803	67.7	29,684	1.0	57	900	21.7	9,474	0.8	126
85 and older	3,378	37.2	34,850	0.9	108	5,437	59.9	56,309	0.9	55	1,832	20.2	19,142	0.8	104
Male															
All Males	1,638	31.4	16,753	1.0	123	3,093	59.3	32,333	1.0	59	1,228	23.6	12,518	0.9	123
Male, Disabled															
All Ages	301	15.5	3,452	1.0	175	1,129	58.2	12,791	1.1	63	408	21.0	4,430	0.9	115
64 or younger	143	14.0	1,607	1.0	246	619	60.4	6,985	1.1	65	220	21.5	2,348	0.9	124
65-74	85	14.3	998	1.0	107	356	59.8	4,043	1.0	59	119	20.0	1,305	0.9	93
75-84	60	23.1	702	1.1	122	136	52.3	1,579	1.0	61	56	21.5	628	0.8	113
85 and older	13	21.3	145	0.9	112	18	29.5	184	0.9	73	13	21.3	149	1.0	175
Male, Other Elig	jibles														
All Ages	1,337	40.8	13,301	0.9	109	1,964	60.0	19,542	0.9	57	820	25.1	8,088	0.9	128
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	147	29.1	1,512	0.9	108	307	60.8	3,189	1.0	59	124	24.6	1,204	0.9	118
75-84	612	43.6	6,293	1.0	109	894	63.6	9,056	1.0	58	376	26.8	3,826	0.9	120
85 and older	578	42.5	5,496	0.9	110	763	56.1	7,297	0.9	55	320	23.5	3,058	0.9	142
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

a. Table D.10B includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2005. A total of 11,534 beneficiaries who were in nursing facilities for part of their enrollment and their 110,750 benefit months were excluded from the analysis.

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d. The top 10 drug groups were determined based on total 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615 (October 26, 2007).

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 D.10C MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGE<sup>a, b, c, d</sup> DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

	ANTICONVULSANT DERMATOLOGICAL						ANTIAS	STHMATIC							
Beneficiary Characteristics	Number of Users	Users as % of All-Year Nursing Facility Residents	Benefit Months Among			Number of Users	Users as % of All-Year Nursing Facility Residents	Benefit Months Among			Number of Users	Users as % of All-Year Nursing Facility Residents	Benefit Months Among	Mean Number of Rx	
All	6,945	31.8				21,853	100.1	239,677			9,836	45.1			
Female															
All Females	4,713	28.4	51,061	1.2	59	16,545	99.6	181,827	0.3	17	7,478	45.0	78,054	0.6	35
Female, Disable	ed														
All Ages	1,580	58.3	17,969	1.4	80	3,224	118.9	36,986	0.3	17	1,271	46.9	13,886	0.7	41
64 or younger	705	83.2	7,938	1.5	95	1,150	135.8	13,174	0.3	17	413	48.8	4,494	0.8	42
65-74	500	60.2	5,744	1.5	75	1,016	122.3	11,846	0.3	17	383	46.1	4,322	0.8	45
75-84	313	43.0	3,568	1.2	63	765	105.1	8,615	0.3	16	323	44.4	3,492	0.7	40
85 and older	62	20.3	719	1.1	46	293	95.8	3,351	0.3	17	152	49.7	1,578	0.5	26
Female, Other E	Eligibles														
All Ages	3,133	22.5	33,092	1.0	47	13,321	95.9	144,841	0.3	17	6,207	44.7	64,168	0.6	34
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	313	46.6	3,352	1.2	66	736	109.5	7,990	0.3	20	380	56.5	4,085	0.7	47
75-84	1,228	29.7	13,132	1.1	50	4,245	102.5	46,771	0.3	17	1,940	46.8	20,054	0.6	39
85 and older	1,592	17.5	16,608	1.0	41	8,340	91.8	90,080	0.3	17	3,887	42.8	40,029	0.5	30
Male															
All Males	2,232	42.8	24,429	1.4	77	5,308	101.8	57,850	0.3	16	2,358	45.2	24,350	0.7	38
Male, Disabled															
All Ages	1,350	69.6	15,366	1.5	91	2,287	117.8	26,407	0.3	17	804	41.4	8,930	0.8	42
64 or younger	829	80.9	9,470	1.6	104	1,267	123.6	14,564	0.3	17	409	39.9	4,552	0.9	45
65-74	369	62.0	4,177	1.5	75	689	115.8	7,967	0.3	16	267	44.9	2,982	0.8	42
75-84	137	52.7	1,573	1.2	58	265	101.9	3,090	0.3	15	105	40.4	1,136	0.5	32
85 and older	15	24.6	146	1.1	74	66	108.2	786	0.3	16	23	37.7	260	0.8	56
Male, Other Elig	gibles														
All Ages	882	26.9	9,063	1.1	52	3,021	92.3	31,443	0.3	15	1,554	47.5	15,420	0.6	36
64 or younger	1	50.0	2	2.0	62	1	50.0	2	2.0	104	0	0.0	0	0.0	0
65-74	206	40.8	2,138	1.3	65	497	98.4	5,236	0.3	16	244	48.3	2,405	0.6	35
75-84	394	28.0	4,224	1.1	51	1,321	94.0	14,165	0.3	16	641	45.6	6,524	0.6	36
85 and older	281	20.6	•			1,202	88.3	12,040			669	49.2	6,491	0.6	
Unknown	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 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

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

a. Table D.10C includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2005. A total of 11,534 beneficiaries who were in nursing facilities for part of their enrollment and their 110,750 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 2005. 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.

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#### TABLE D.10D

MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR NINTH AND TENTH TOP DRUG GROUPS SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGEa, b, c, d DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

ANALGESICS - Narcotic

MISC. HEMATOLOGICAL

												Benefit Months
		Users as %	Number of				Users as %	Number of				Among All-
		of All-Year	Benefit				of All-Year	Benefit			All-Year	Year
		Nursing	Months	Mean			Nursing	Months	Mean		Nursing	Nursing
Beneficiary Characteristics	Number of Users	Facility Residents		Number of Rx	Mean Rx \$	Number of Users	Facility Residents		Number of Rx	Mean Rx \$	Facility Residents	Facility Residents
All	8,811	40.4		0.8	\$40	3,621	16.6			\$91	21,823	221,054
Female	0,011	40.4	30,173	0.0	<b>Ψ</b> +0	3,021	10.0	30,123	0.3	ψΟΙ	21,023	221,034
All Females	6,970	42.0	71,572	0.9	41	2,687	16.2	28,434	0.9	91	16,609	168,716
Female, Disable	,	12.0	71,072	0.0		2,007	10.2	20, 10 1	0.0	01	10,000	100,710
All Ages	1,291	47.6	14,211	1.0	59	396	14.6	4.496	0.9	92	2.712	30,120
64 or younger	457	54.0	4,986	1.1	65	91	10.7	,		95	847	9,340
65-74	408	49.1	4,661	1.1	67	143	17.2	,		93	831	9,480
75-84	326	44.8	3,485	0.9	47	114	15.7	1,274	0.9	92	728	7,964
85 and older	100	32.7	1,079	0.7	41	48	15.7	515	0.9	84	306	3,336
Female, Other E	ligibles											
All Ages	5,679	40.9	57,361	0.8	37	2,291	16.5	23,938	0.9	90	13,897	138,596
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
65-74	342	50.9	3,634	1.1	50	123	18.3	1,308	1.1	97	672	6,689
75-84	1,849	44.7	18,951	0.8	40	722	17.4	7,725	0.9	91	4,141	42,029
85 and older	3,488	38.4	34,776	0.8	34	1,446	15.9	14,905	0.9	90	9,084	89,878
Male												
All Males	1,841	35.3	18,603	0.8	37	934	17.9	9,689	0.9	91	5,214	52,338
Male, Disabled												
All Ages	729	37.6	7,994	0.9	48	276	14.2	3,133	1.0	92	1,941	21,487
64 or younger	439	42.8	4,824	1.0	53	116	11.3	1,283	1.1	92	1,025	11,290
65-74	191	32.1	2,069	8.0	38	120	20.2	1,398	1.0	95	595	6,650
75-84	82	31.5	918	0.8	44	31	11.9	363	0.8	87	260	2,904
85 and older	17	27.9	183	0.9	39	9	14.8	89	0.7	76	61	643
Male, Other Elig	ibles											
All Ages	1,112	34.0	,	0.7	28	658	20.1	,	0.9	90	3,273	30,851
64 or younger	2	100.0		4.0	312	0	0.0			0	2	14
65-74	181	35.8	1,699	8.0	28	103	20.4	1,034	0.9	86	505	4,931
75-84	491	34.9	,	8.0	34	303	21.6	,	0.9	91	1,405	13,667
85 and older	438	32.2		0.6	21	252	18.5	,	0.9	90	1,361	12,239
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 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

a. Table D.10D includes the beneficiaries represented by Cell H of Table 1, those who resided in nursing facilities throughout their Medicaid enrollment in 2005. A total of 11,534 beneficiaries who were in nursing facilities for part of their enrollment and their 110,750 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 2005. 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 2005 Medicaid reimbursement for all-year nursing facility residents in this state. For information about these drug groups, see Wolters Kluwer Health, http://www.medispan.com/marketing/ContentPage.aspx?contentId=09e0f1ed-80a9-4a87-8bc9-ad778d7b6615 (October 26, 2007).

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 D.11 USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D AMONG DUALS, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup> NEW JERSEY, 2005

Beneficiary Characteristics	Number of Beneficiaries with at Least One Part D Excluded Rx	Percentage of Beneficiaries with at Least One Part D Excluded Rx		Part D	\$ per	Total Part D Excluded Rx \$	\$ per Part D Per		Total Number of Beneficiaries
All	77,897	55.4	4.7	662,501	\$110	\$15,392,841	\$23	2.5	140,537
Age									
5 and younger	5	62.5	8.5	68	454	3,633	53	8.3	8
6-14	6	46.2	7.3	95	123	1,602	17	0.9	13
15-20	76	41.8	3.0	544	127	23,099	42	5.6	182
21-44	7,931	47.0	4.0	68,067	129	2,168,116	32	2.7	16,867
45-64	15,991	60.1	6.2	164,461	152	4,047,533	25	2.5	26,613
65-74	19,517	54.4	4.2	150,376	93	3,335,433	22	2.3	35,886
75-84	20,304	57.3	4.6	163,822	99	3,512,889	21	2.4	35,419
85 and older	14,067	55.1	4.5	115,068	90	2,300,536	20	2.6	25,549
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Basis of Eligibility	С								
Aged	38,048	53.0	4.0	284,789	81	5,794,506	20	2.3	71,722
Disabled	39,745	58.1	5.5	377,320	140	9,586,814	25	2.6	68,425
Adults	85	24.3	0.8	265	24	8,401	32	2.3	350
Children	9	40.9	2.5	56	84	1,838	33	2.1	22
Unknown	10	55.6	3.9	71	71	1,282	18	1.1	18
Gender									
Female	54,120	58.2	4.9	459,276	113	10,524,291	23	2.6	92,938
Male	23,777	50.0	4.3	203,225	102	4,868,550	24	2.3	47,599
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Race									
White	39,152	54.6	5.1	363,629	104	7,480,402	21	2.3	71,699
African American	14,668	54.0	4.3	116,023	116	3,145,611	27	2.6	27,149
Other/unknown	24,077	57.8	4.4	182,849	114	4,766,828	26	2.9	41,689
Use of Nursing Fa	cilities <sup>d</sup>								
Entire year	11,997	55.0	6.2	134,487	77	1,683,992	13	1.5	21,823
Part year	7,480	64.9	5.1	58,273	79	907,960	16	1.8	11,534
None	58,420	54.5	4.4	469,741	119	12,800,889	27	2.8	107,180
Maintenance Assis	stance Status								
Cash	38,178	56.5	4.5	304,799	120	8,092,651	27	2.8	67,550
Medically needy	4	20.0	0.4	7		98	14	0.2	
Poverty related	18,313	54.5	4.3	143,222	126	4,231,734	30	2.7	33,609
Other/unknown	21,402	54.4	5.4	214,473	78	3,068,358	14	1.8	39,358

Source: Data for this table are from the MAX 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

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.

a. Table D.11 includes the beneficiaries represented by Cell G of Table 1. Beneficiaries include all dual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2005.

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

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 D.12 USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D AMONG DUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC<sup>a,b</sup> NEW JERSEY, 2005

Beneficiary Characteristics	Number Rx per Benefit Month	Rx \$ per Benefit Month	\$ per Rx	Barbiturate \$ per Benefit Month	Benzodiazapine \$ per Benefit Month	Number of Benefit Months
All	0.4	\$10	\$23	\$0	\$3	1,483,796
Age						
5 and younger	0.8	44	53	0	2	83
6-14	0.8	13	17	4	0	120
15-20	0.3	13	42	0	6	1,787
21-44	0.4	12	32	0	4	178,789
45-64	0.6	14	25	0	5	289,477
65-74	0.4	9	22	0	2	382,626
75-84	0.4	9	21	0	2	379,374
85 and older	0.5	9	20	0	2	251,540
Unknown	0.0	0	0	0	0	0
Basis of Eligibility	С					
Aged	0.4	8	20	0	2	733,035
Disabled	0.5	13	25	0	4	748,990
Adults	0.2	6	32	0	1	1,404
Children	0.3	10	33	0	1	187
Unknown	0.4	7	18	0	4	180
Gender						
Female	0.5	11	23	0	3	983,465
Male	0.4	10	24	0	3	500,331
Unknown	0.0	0	0	0	0	0
Race						
White	0.5	10	21	0	4	746,779
African American	0.4	11	27	0	2	291,827
Other/unknown	0.4	11	26	0	2	445,190
Use of Nursing Fa	cilities <sup>d</sup>					
Entire year	0.6	8	13	0	3	221,054
Part year	0.5	8	16	0	3	110,750
None	0.4	11	27	0	3	1,151,992
Maintenance Assi	stance Status					
Cash	0.4	11	27	0	3	737,015
Medically needy	0.0	1	14	0	0	172
Poverty related	0.4	12	30	0	3	361,879
Other/unknown	0.6	8	14	0	3	384,730

Source: Data for this table are from the MAX 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

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.

a. Table D.12 includes the beneficiaries represented by Cell G of Table 1. Beneficiaries include all dude all Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2005.

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 beneficaries 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 D.13 USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D FOR SELECTED DRUG CATEGORIES AMONG DUALS $^{a,b,c}$  NEW JERSEY, 2005

Drug Category	Number of Users	Rx \$ per User	Total Rx \$	Rx \$ as a Percentage of All Part D Excluded Rx \$	Total Number Rx.	\$ per Rx	Number Rx as a Percentage of All Part D Excluded Rx
All	118,538	\$130	\$15,392,841	100.0	662,501	\$23	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	73	20	1,489	0.0	113	13	0.0
Cough and cold medications	31,314	89	2,772,992	18.0	85,584	32	12.9
Vitamins and minerals	42,551	96	4,074,492	26.5	271,921	15	41.0
Non-prescription drugs	6,889	362	2,491,701	16.2	25,387	98	3.8
Barbiturates	1,472	54	79,449	0.5	19,944	4	3.0
Benzodiazepines	32,396	135	4,372,360	28.4	246,002	18	37.1
Other Part D Excl Rx Drugs	3,843	416	1,600,358	10.4	13,550	118	2.0

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.

a. Table D.13 includes the beneficiaries represented by Cell G of Table 1. Beneficiaries include all dual Medicaid beneficiaries who had Medicaid pharmacy benefits during at least one month in 2005. A user is a beneficiary who had at least one prescription filled for a Part D excluded drug in 2005. A beneficiary who used drugs from two or more Part D excluded categories was counted as a user for each category. Therefore, the sum of users across drug categories may exceed the total number of individual users as noted on Table D11.
b. Includes OTC drugs as well as prescription drugs.

c. 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.

#### SUPPLEMENTAL TABLE 1 MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES<sup>a, b</sup> NEW JERSEY, 2005

Total Number of Dual Eligible Beneficiaries: 140,537

Total Pharmacy Reimbursement for Dual Eligible Beneficiaries: \$619,974,708

Mean Pharmacy Reimbursement per Dual Eligible Beneficiary: \$4,411

Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	Percent of Dual Beneficiaries	Pharmacy Reimbursement	Percent of Total Pharmacy Reimbursement
\$0	13,005	9.3	\$0	0.0
1-500	13,787	9.8	3,064,620	0.5
501-1,000	10,361	7.4	7,724,889	1.2
1,001-1,500	9,103	6.5	11,348,408	1.8
1,501-2,000	8,597	6.1	15,001,814	2.4
2,001-2,500	8,240	5.9	18,537,213	3.0
2,501-3,000	7,621	5.4	20,920,815	3.4
3,001-3,500	7,157	5.1	23,248,483	3.7
3,501-4,000	6,477	4.6	24,263,873	3.9
4,001-4,500	5,994	4.3	25,442,148	4.1
4,501-5,000	5,485	3.9	26,041,862	4.2
5,001-5,500	4,953	3.5	25,989,207	4.2
5,501-6,000	4,427	3.2	25,438,560	4.1
6,001-6,500	3,795	2.7	23,711,215	3.8
6,501-7,000	3,571	2.5	24,091,662	3.9
7,001-7,500	3,043	2.2	22,058,130	3.6
7,501-8,000	2,874	2.0	22,255,139	3.6
8,001-8,500	2,388	1.7	19,683,996	3.2
8,501-9,000	2,069	1.5	18,090,108	2.9
9,001-9,500	1,872	1.3	17,300,315	2.8
9,501-10,000	1,656	1.2	16,136,542	2.6
10,001+	14,062	10.0	229,625,709	37.0

Source: Data for this table are from the MAX 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

a. This table is based on prescription drug claims for beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefit coverage during some or all months of Medicaid enrollment

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

#### SUPPLEMENTAL TABLE 1A MEDICAID PHARMACY REIMBURSEMENT FOR DISABLED DUAL ELIGIBLE BENEFICIARIES UNDER AGE $65^{\rm a},\,{\rm b},\,{\rm c}$ NEW JERSEY, 2005

Total Number of Disabled Dual Eligible Beneficiaries, Age < 65: 43,296 Total Pharmacy Reimbursement for Disabled Dual Eligible Beneficiaries, Age < 65: \$241,882,682 Mean Pharmacy Reimbursement per Disabled Dual Eligible Beneficiary, Age < 65: \$5,586

		Percent of Disabled Dual Beneficiaries,		Percent of Total Pharmacy
Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	Age < 65	Pharmacy Reimbursement	Reimbursement
\$0	4,776	11.0	0	0.0
1-500	4,975	11.5	1,016,763	0.4
501-1,000	2,838	6.6	2,100,954	0.9
1,001-1,500	2,393	5.5	2,977,501	1.2
1,501-2,000	2,116	4.9	3,686,205	1.5
2,001-2,500	1,968	4.5	4,430,482	1.8
2,501-3,000	1,750	4.0	4,808,022	2.0
3,001-3,500	1,612	3.7	5,225,199	2.2
3,501-4,000	1,533	3.5	5,745,142	2.4
4,001-4,500	1,374	3.2	5,830,078	2.4
4,501-5,000	1,359	3.1	6,458,382	2.7
5,001-5,500	1,228	2.8	6,446,058	2.7
5,501-6,000	1,183	2.7	6,803,168	2.8
6,001-6,500	1,081	2.5	6,757,944	2.8
6,501-7,000	1,015	2.3	6,851,127	2.8
7,001-7,500	913	2.1	6,616,198	2.7
7,501-8,000	889	2.1	6,886,293	2.8
8,001-8,500	810	1.9	6,681,654	2.8
8,501-9,000	694	1.6	6,072,348	2.5
9,001-9,500	660	1.5	6,103,974	2.5
9,501-10,000	617	1.4	6,012,318	2.5
10,001+	7,512	17.4	134,372,872	55.6

a. This table is based on prescription drug claims for beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefit coverage during some or all months of Medicaid enrollment

b. Medicaid reimbursement amounts in this table do not reflect federally required rebates from drug manufacturers to states.
c. This table is limited to dual eligible beneficiaries who were under age 65 and also indicated as disabled in the MAX files. Therefore, dual eligible beneficiaries under age 65 in "adults" or "children" basis-of-eligibility categories in Table D.2 are excluded because they were not classified as disabled in the MAX files. Disabled dual eligible beneficiaries age 65 and older are included in Supplemental Tables 1B through 1E, depending on their age.

## SUPPLEMENTAL TABLE 1B MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 65 AND OLDER<sup>A, b</sup> NEW JERSEY, 2005

Total Number of Dual Eligible Beneficiaries, Age 65+: 96,854

Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 65+: \$377,496,514

Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 65+: \$3,897

	Р	ercent of Dual Beneficiaries, Age 65		Percent of Total Pharmacy
Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	+	Pharmacy Reimbursement	Reimbursement
\$0	8,083	8.3	0	0.0
1-500	8,712	9.0	2,028,267	0.5
501-1,000	7,489	7.7	5,598,329	1.5
1,001-1,500	6,689	6.9	8,345,291	2.2
1,501-2,000	6,471	6.7	11,298,450	3.0
2,001-2,500	6,259	6.5	14,078,281	3.7
2,501-3,000	5,862	6.1	16,088,631	4.3
3,001-3,500	5,541	5.7	18,010,025	4.8
3,501-4,000	4,940	5.1	18,503,351	4.9
4,001-4,500	4,618	4.8	19,603,813	5.2
4,501-5,000	4,119	4.3	19,550,267	5.2
5,001-5,500	3,722	3.8	19,527,883	5.2
5,501-6,000	3,240	3.3	18,612,678	4.9
6,001-6,500	2,712	2.8	16,941,101	4.5
6,501-7,000	2,552	2.6	17,214,058	4.6
7,001-7,500	2,127	2.2	15,420,275	4.1
7,501-8,000	1,984	2.0	15,360,968	4.1
8,001-8,500	1,575	1.6	12,977,262	3.4
8,501-9,000	1,372	1.4	11,991,372	3.2
9,001-9,500	1,212	1.3	11,196,341	3.0
9,501-10,000	1,035	1.1	10,085,418	2.7
10,001+	6,540	6.8	95,064,453	25.2

a. This table is based on prescription drug claims for beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefit coverage during some or all months of Medicaid enrollment in 2005.

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

#### SUPPLEMENTAL TABLE 1C MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 65 TO 74<sup>a, b</sup> NEW JERSEY, 2005

Total Number of Dual Eligible Beneficiaries, Age 65-74: 35,886

Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 65-74: \$142,554,744

Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 65-74: \$3,972

		Percent of Dual Beneficiaries, Age		Percent of Total Pharmacy
Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	65-74	Pharmacy Reimbursement	Reimbursement
\$0	3,674	10.2	0	0.0
1-500	3,385	9.4	775,498	0.5
501-1,000	2,666	7.4	1,987,011	1.4
1,001-1,500	2,429	6.8	3,039,680	2.1
1,501-2,000	2,319	6.5	4,047,268	2.8
2,001-2,500	2,251	6.3	5,063,001	3.6
2,501-3,000	2,018	5.6	5,540,645	3.9
3,001-3,500	1,949	5.4	6,335,671	4.4
3,501-4,000	1,756	4.9	6,582,113	4.6
4,001-4,500	1,645	4.6	6,981,171	4.9
4,501-5,000	1,424	4.0	6,761,602	4.7
5,001-5,500	1,228	3.4	6,443,241	4.5
5,501-6,000	1,113	3.1	6,397,949	4.5
6,001-6,500	935	2.6	5,837,341	4.1
6,501-7,000	887	2.5	5,981,258	4.2
7,001-7,500	735	2.0	5,326,794	3.7
7,501-8,000	715	2.0	5,531,891	3.9
8,001-8,500	591	1.6	4,868,707	3.4
8,501-9,000	521	1.5	4,558,359	3.2
9,001-9,500	472	1.3	4,358,772	3.1
9,501-10,000	380	1.1	3,702,440	2.6
10,001+	2,793	7.8	42,434,332	29.8

Source: Data for this table are from the MAX 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

a. This table is based on prescription drug claims for beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefit coverage during some or all months of Medicaid enrollment

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

## SUPPLEMENTAL TABLE 1D MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 75 TO 84<sup>a, b</sup> NEW JERSEY, 2005

Total Number of Dual Eligible Beneficiaries, Age 75-84: 35,419
Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 75-84: \$145,811,058
Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 75-84: \$4,116

Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries Percent of Dual Ber	neficiaries. Age 75-84	Pharmacy Reimbursement	Percent of Total Pharmacy Reimbursement
\$0	2,717	7.7	0	0.0
1-500	2,705	7.6	641,265	0.4
501-1,000	2,536	7.2	1,908,421	1.3
1,001-1,500	2,245	6.3	2,793,674	1.9
1,501-2,000	2,254	6.4	3,930,330	2.7
2,001-2,500	2,276	6.4	5,120,938	3.5
2,501-3,000	2,179	6.2	5,978,516	4.1
3,001-3,500	2,048	5.8	6,659,287	4.6
3,501-4,000	1,840	5.2	6,897,684	4.7
4,001-4,500	1,775	5.0	7,537,615	5.2
4,501-5,000	1,607	4.5	7,632,340	5.2
5,001-5,500	1,479	4.2	7,762,472	5.3
5,501-6,000	1,290	3.6	7,405,532	5.1
6,001-6,500	1,060	3.0	6,631,012	4.5
6,501-7,000	1,031	2.9	6,953,707	4.8
7,001-7,500	867	2.4	6,288,692	4.3
7,501-8,000	784	2.2	6,070,753	4.2
8,001-8,500	641	1.8	5,279,097	3.6
8,501-9,000	566	1.6	4,945,364	3.4
9,001-9,500	479	1.4	4,426,943	3.0
9,501-10,000	461	1.3	4,490,016	3.1
10,001+	2,579	7.3	36,457,400	25.0

a. This table is based on prescription drug claims for beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefit coverage during some or all months of Medicaid enrollment in 2005.

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

#### SUPPLEMENTAL TABLE 1E MEDICAID PHARMACY REIMBURSEMENT FOR DUAL ELIGIBLE BENEFICIARIES AGE 85 AND OLDER<sup>a, b</sup> NEW JERSEY, 2005

Total Number of Dual Eligible Beneficiaries, Age 85+: 25,549
Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 85+: \$89,130,712
Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 85+: \$3,488

	Pe	ercent of Dual Beneficiaries, Age 85		Percent of Total Pharmacy
Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	+	Pharmacy Reimbursement	Reimbursement
\$0	1,692	6.6	0	0.0
1-500	2,622	10.3	611,504	0.7
501-1,000	2,287	9.0	1,702,897	1.9
1,001-1,500	2,015	7.9	2,511,937	2.8
1,501-2,000	1,898	7.4	3,320,852	3.7
2,001-2,500	1,732	6.8	3,894,342	4.4
2,501-3,000	1,665	6.5	4,569,470	5.1
3,001-3,500	1,544	6.0	5,015,067	5.6
3,501-4,000	1,344	5.3	5,023,554	5.6
4,001-4,500	1,198	4.7	5,085,027	5.7
4,501-5,000	1,088	4.3	5,156,325	5.8
5,001-5,500	1,015	4.0	5,322,170	6.0
5,501-6,000	837	3.3	4,809,197	5.4
6,001-6,500	717	2.8	4,472,748	5.0
6,501-7,000	634	2.5	4,279,093	4.8
7,001-7,500	525	2.1	3,804,789	4.3
7,501-8,000	485	1.9	3,758,324	4.2
8,001-8,500	343	1.3	2,829,458	3.2
8,501-9,000	285	1.1	2,487,649	2.8
9,001-9,500	261	1.0	2,410,626	2.7
9,501-10,000	194	0.8	1,892,962	2.1
10,001+	1,168	4.6	16,172,721	18.1

Source: Data for this table are from the MAX 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

a. This table is based on prescription drug claims for beneficiaries who had Medicare as well as Medicaid fee-for-service pharmacy benefit coverage during some or all months of Medicaid enrollment in 2005.

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

#### APPENDIX TABLE A.3

CHARACTERISTICS OF MEDICAID BENEFICIARIES WITH AT LEAST ONE MONTH OF PHARMACY BENEFIT COVERAGE, BY BASIS OF ELIGIBILITY<sup>a, b</sup> DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

	Number of Beneficiaries					Number of Benefit Months						
Beneficiary Characteristics	All	Aged	Blind/ Disabled	Adults	Children	Other/ Unknown	All	Aged	Blind/ Disabled	Adults	Children	Other/ Unknown
All	152,524	74,401	77,025	1,052	28	18	1,635,629	766,358	859,172	9,647	270	182
Age												
5 and younger	13	0	10	0	3	0	147	0	111	0	36	0
6-14	17	0	11	0	6	0	171	0	118	0	53	0
15-20	252	0	235	4	13	0	2,778	0	2,612	30	136	0
21-44	20,258	0	19,633	619	5	1	222,838	0	217,165	5,628	33	12
45-64	29,400	16	29,031	339	1	13	325,083	140	321,669	3,121	12	141
65-74	39,821	20,185	19,546	86	0	4	431,460	209,378	221,213	840	0	29
75-84	36,868	29,637	7,227	4	0	0	397,270	315,462	81,780	28	0	0
85 and older	25,895	24,563	1,332	0	0	0	255,882	241,378	14,504	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Gender												
Female	100,808	54,804	45,322	650	14	18	1,083,373	567,957	509,077	6,006	151	182
Male	51,716	19,597	31,703	402	14	0	552,256	198,401	350,095	3,641	119	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	76,025	38,615	36,885	495	17	13	801,529	385,462	411,351	4,395	186	135
African American	30,279	10,103	19,815	352	5	4	332,020	107,223	221,373	3,354	35	35
Other/unknown	46,220	25,683	20,325	205	6	1	502,080	273,673	226,448	1,898	49	12
Use of Nursing Facilities <sup>c</sup>												
Entire year	21,824	17,170	4,654	0	0	0	221,059	169,448	51,611	0	0	0
Part year	11,554	8,996	2,556	2	0	0	111,655	84,581	27,059	15	0	0
None	119,146	48,235	69,815	1,050	28	18	1,302,915	512,329	780,502	9,632	270	182
Maintenance Assistance Status	s											
Cash	76.719	31,592	44,770	355	2	0	851,502	345,783	502,437	3,272	10	0
Medically needy	20	11	9	0	0	0	177	93	84	0	0	0
Poverty related	35,584	14,815	20,657	82	12	18	388,824	158,178	229,825	514	125	182
Other/unknown	40,201	,	11,589	615	14	0	395,126	,	126,826	5,861	135	0
Dual Status <sup>d</sup>	-, -	,	,				,	,	-,-	,,,,		
Full dual, all year	151,332	73,518	76,727	1.042	27	18	1,623,948	757,760	856,202	9.546	258	182
Full dual, part year	1,192	883	298	10	1	0	11,681	8,598	2,970	101	12	0
Managed Care (MC) Status	.,	-				•	,	-,	_,-,-			
Fee-for-service (FFS) all year	138,308	71,269	66,903	105	14	17	1,474,741	731,040	742,776	622	133	170
FFS part year, with Rx claims	2,011	428	1,415	160	7	1	22,271	4,598	16,076	1,504	81	170
FFS part year, no Rx claims	218	25	107	85	1	0	2,082	215	1,103	752	12	0
MC all year, with Rx claims	10,417	2,460	7,850	107	0	0	121,156	28,547	91,472	1,137	0	0
MC all year, no Rx claims	1,570	219	7,850	595	6	0	15,379	1,958	7,745	5,632	44	0

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

b. Medicaid basis of eligibility is classified as: aged, disabled, adults, and children. The disabled group includes beneficiaries of any age who were determined to be eligible because of disability

or blindness. The children's group includes children receiving foster care and adoptive services. The total includes some beneficiaries with unknown basis of eligibility and some whose age categories are not consistent with basis of eligibility.

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

d. The "Full dual, all year" group contains beneficiaries who had Medicare as well as Medicaid pharmacy benefits during all months of Medicaid enrollment in 2005. The "Full dual, part year" group contains beneficiaries who had such benefits for some, but not all, months of their enrollment. Refer to footnote g of Table 1 for more information about how we determined dual eligibility status. Bene(s) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; MC = managed care; Rx = pharmacy benefit.

#### APPENDIX TABLE A.4

#### MEDICAID BENEFICIARIES AND THEIR BENEFIT MONTHS WITH OR WITHOUT FEE-FOR-SERVICE PHARMACY BENEFITS<sup>a</sup> DUAL ELIGIBLE BENEFICIARIES, NEW JERSEY, 2005

	Benefit Month	aries and ns in Cell F of ble 1	Included in Cell G of Table 1 Excluded from Cell G of Table 2					
Beneficiary Characteristics	Number of Beneficiaries	Number of	Number of Beneficiaries	Number of Benefit Months	Number of	Number of Benefit Months		
All	152,524	1,635,629	140,537	1,483,796	0	151,833		
Fee-for-service (FFS) all year	138,308	1,474,741	138,308	1,474,741	0	0		
FFS part year, with Rx claims	2,011	22,271	2,011	8,288	0	13,983		
FFS part year, with no Rx claims	218	2,082	218	767	0	1,315		
Managed care (MC) all year, with Rx claims	10,417	121,156	0	0	0	121,156		
MC all year, with no Rx claims	1,570	15,379	0	0	0	15,379		

Source: Data for this table are from the MAX 2005 file for New Jersey, released by CMS in 2/2009. This table was produced on 04/23/2009.

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 and Medicaid Services; FFS = fee-for-service pharmacy benefit; MAX = Medicaid Analytic Extract; MC = managed care; Rx = pharmacy benefit.