

STATISTICAL COMPENDIUM: MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT IN 2005 OKLAHOMA

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TABLE D.2

CHARACTERISTICS OF MEDICAID STUDY POPULATION BENEFICIARIES, BY BASIS OF ELIGIBILITY^{a, b}
DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

		١	Number of E			S, OKLAHOI	, 2000	Nur	mber of Bei	nefit Mor	nths	
Beneficiary						Other/						Other/
Characteristics	All	Aged	Disabled	Adults	Children	Unknown	All	Aged	Disabled	Adults	Children	Unknown
All	91,755	53,507	37,441	710	31	66	967,588	554,586	406,207	5,983	328	484
Age												
5 and younger	10	0	8	0	2	0	98	0	87	0	11	0
6-14	14	0	11	0	3	0	148	0	112	0	36	0
15-20	148	0	136	3	9	0	1,578	0	1,479	18	81	0
21-44	14,521	0	14,099	398	13	11	156,152	0	152,712	3,200	156	84
45-64	22,669	8	22,415	208	2	36	245,895	85	243,640	1,888	24	258
65-74	22,029	21,203	752	54	1	19	234,200	225,531	8,051	468	8	142
75-84	19,256	19,201	16	38	1	0	201,058	200,596	111	339	12	0
85 and older	13,108	13,095	4	9	0	0	128,459	128,374	15	70	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Gender												
Female	60,350	39,546	20,188	538	12	66	638,468	413,139	220,088	4,626	131	484
Male	31,405	13,961	17,253	172	19	0	329,120	141,447	186,119	1,357	197	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	70,690	41,958	28,160	502	21	49	742,202	430,809	306,590	4,224	216	363
African American	11,199	5,669	5,388	130	4	8	119,634	60,683	57,742	1,105	48	56
Other/unknown	9,866	5,880	3,893	78	6	9	105,752	63,094	41,875	654	64	65
Use of Nursing Facilities ^c												
Entire year	13,304	11,937	1,357	6	4	0	130,863	115,821	14,950	48	44	0
Part year	6,212	5,359	847	6	0	0	59,202	50,367	8,788	47	0	0
None	72,239	36,211	35,237	698	27	66	777,523	388,398	382,469	5,888	284	484
Maintenance Assistance Statu	s											
Cash	35,450	16,330	18,568	551	1	0	388,723	181,183	202,606	4,922	12	0
Medically needy	0	0	0	0	0	0	0	0	0	0	0	0
Poverty-related	22,309	11,582	10,559	92	10	66	231,743	119,810	110,784	585	80	484
Other/unknown	33,996	25,595	8,314	67	20	0	347,122	253,593	92,817	476	236	0
Dual Medicare Status ^d												
Full dual, all year	84,495	48,814	34,910	674	31	66	888,360	503,515	378,416	5,617	328	484
Full dual, part year	7,260	4,693	2,531	36	0	0	79,228	51,071	27,791	366	0	0
Managed Care (MC) Status												
Fee-for-service (FFS) all year	91,755	53,507	37,441	710	31	66	967,588	554,586	406,207	5,983	328	484
FFS part year, with Rx claims	0	0	0	0	0	0	0	0	0	0	0	0
FFS part year, no Rx claims	0	0	0	0	0	0	0	0	0	0	0	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^{a, b} DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

Beneficiary Characteristics	Percentage with at Least One Rx		Mean Rx \$	\$ per Rx	Mean \$, All Medicaid FFS \$ ^c	Rx \$ as a Percentage of All Medicaid FFS \$ ^d	Number of Beneficiaries
All	89.7	40.5	\$2,733	\$68	\$12,058	22.7	91,755
Age							
5 and younger	90.0	34.0	3,305	97	34,273	9.6	10
6-14	92.9	42.9	10,950	256	18,320	59.8	14
15-20	83.1	23.6	3,287	139	13,736	23.9	148
21-44	84.1	27.3	2,844	104	13,135	21.7	14,521
45-64	90.2	41.8	3,372	81	12,767	26.4	22,669
65-74	88.4	39.5	2,417	61	8,410	28.7	22,029
75-84	91.8	45.1	2,506	56	11,601	21.6	19,256
85 and older	94.1	47.8	2,353	49	16,401	14.3	13,108
Unknown	0.0	0.0	0	0	0	0.0	0
Basis of Eligibility	_/ e						
Aged	91.1	43.7	2,443	56	11,592	21.1	53,507
Disabled	88.0	36.3	3,170	87	12,862	24.6	37,441
Adults	76.6	21.0	1,621	77	4,164	38.9	710
Children	93.5	37.4	4,795	128	36,207	13.2	31
Unknown	80.3	14.3	908	64	7,710	11.8	66
Gender							
Female	92.3	43.9	2,770	63	11,694	23.7	60,350
Male	84.6	34.0	2,661	78	12,758	20.9	31,405
Unknown	0.0	0.0	0	0	0	0.0	0
Race							
White	90.4	42.7	2,888	68	12,931	22.3	70,690
African American	87.2	33.9	2,276	67	9,900	23.0	11,199
Other/unknown	87.2	31.9	2,138	67	8,257	25.9	9,866
Use of Nursing Fa	icilities ^f						
Entire year	98.1	76.5	4,092	54	29,208	14.0	13,304
Part year	97.2	56.5	3,192	57	18,504	17.3	6,212
None	87.5	32.5	2,443	75	8,346	29.3	72,239
Maintenance Assi	stance Status						
Cash	87.8	28.6	2,150	75	4,916	43.7	35,450
Medically needy	0.0	0.0	0	0	0	0.0	0
Poverty related	85.6	28.6	2,151	75	5,791	37.1	22,309
Other/unknown	94.3	60.7	3,723	61	23,619	15.8	33,996

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.

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.

TABLE D.4 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a, b} DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

			-		Num	ber of Rx, P	ercentage w	ith:			Numbe	er
Beneficiary Characteristics	Mean Number of Rx	Mean Rx \$	Rx \$ as a Percentage of All Medicaid FFS \$ ^c	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	Mean \$, All Medicaid FFS \$ ^d	Beneficiaries	Benefit Months
All	3.8	\$259	22.7	10.3	16.5	12.8	36.9	18.9	4.5	\$1,144	91,755	967,588
Age												
5 and younger	3.5	337	9.6	10.0	0.0	20.0	60.0	10.0	0.0	3,497	10	98
6-14	4.1	1,036	59.8	7.1	14.3	7.1	42.9	28.6	0.0	1,733	14	148
15-20	2.2	308	23.9	16.9	33.1	12.8	29.1	7.4	0.7	1,288	148	1,578
21-44	2.5	265	21.7	15.9	27.1	14.7	32.0	9.2	1.1	1,222	14,521	156,152
45-64	3.9	311	26.4	9.8	14.9	12.8	40.2	18.8	3.6	1,177	22,669	245,895
65-74	3.7	227	28.7	11.6	16.8	13.5	37.1	16.6	4.3	791	22,029	234,200
75-84	4.3	240	21.6	8.2	13.8	12.3	37.0	22.3	6.5	1,111	19,256	201,058
85 and older	4.9	240	14.3	5.9	10.8	10.6	36.2	29.2	7.2	1,674	13,108	128,459
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	4.2	236	21.1	8.9	14.2	12.3	36.8	21.8	5.9	1,118	53,507	554,586
Disabled	3.3	292	24.6	12.0	19.6	13.6	37.1	15.0	2.6	1,186	37,441	406,207
Adults	2.5	192	38.9	23.4	21.3	12.8	35.2	7.2	0.1	494	710	5,983
Children	3.5	453	13.2	6.5	19.4	22.6	35.5	12.9	3.2	3,422	31	328
Unknown	1.9	124	11.8	19.7	28.8	15.2	33.3	3.0	0.0	1,051	66	484
Gender												
Female	4.1	262	23.7	7.7	14.2	12.4	39.5	21.2	5.0	1,105	60,350	638,468
Male	3.2	254	20.9	15.4	20.9	13.6	31.9	14.6	3.6	1,217	31,405	329,120
Unknown	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Race												
White	4.1	275	22.3	9.6	14.9	12.2	37.2	20.9	5.1	1,232	70,690	742,202
African American	3.2	213	23.0	12.8	21.3	14.5	35.3	13.7	2.5	927	11,199	119,634
Other/unknown	3.0	200	25.9	12.8	22.2	15.8	36.3	10.7	2.2	770	9,866	105,752
Use of Nursing Fa	cilities ^f											
Entire year	7.8	416	14.0	1.9	3.4	4.4	23.8	44.4	22.1	2,969	13,304	130,863
Part year	5.9	335	17.3	2.8	6.9	8.0	34.3	37.4	10.5	1,942	6,212	59,202
None	3.0	227	29.3	12.5	19.7	14.8	39.5	12.7	0.7	775	72,239	777,523
Maintenance Assi	stance Status	3										
Cash	2.6	196	43.7	12.2	22.9	16.4	40.6	7.7	0.1	448	35,450	388,723
Medically needy	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Poverty related	2.8	207	37.1	14.4	20.8	15.5	39.1	9.8	0.4	558	22,309	231,743
Other/unknown	5.9	365	15.8	5.7	7.0	7.3	31.6	36.6	11.8	2,313	33,996	347,122

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.

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

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.

TABLE D.5

AVERAGE MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH, BY BRAND STATUS AND BENEFICIARY CHARACTERISTIC^{A, b, c}

DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

		A II D		Patented		d-Name	Off-Pater		d-Name	•		
		All Rx			Drugs			Drugs			eric D	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	3.8	\$259	\$68	1.3	\$198	\$150	0.1	\$10	\$110	2.4	\$51	\$21
Age												
5 and younger	3.5	337	97	1.0	260	271	0.2	20	106	2.3	58	25
6-14	4.1	1,036	256	1.8	938	528	0.1	45	390	2.2	53	24
15-20	2.2	308	139	1.0	261	270	0.1	16	179	1.1	30	26
21-44	2.5	265	104	0.9	210	237	0.1	12	152	1.6	42	27
45-64	3.9	311	81	1.3	235	182	0.1	16	156	2.4	60	25
65-74	3.7	227	61	1.3	174	135	0.1	8	93	2.3	46	20
75-84	4.3	240	56	1.5	183	120	0.1	7	73	2.7	50	19
85 and older	4.9	240	49	1.6	176	109	0.1	8	66	3.1	55	18
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	(
Basis of Eligibility	d											
Aged	4.2	236	56	1.5	179	122	0.1	8	78	2.6	50	19
Disabled	3.3	292	87	1.1	225	198	0.1	14	154	2.1	53	25
Adults	2.5	192	77	0.7	139	186	0.1	11	155	1.7	43	26
Children	3.5	453	128	1.2	388	318	0.1	8	89	2.2	56	26
Unknown	1.9	124	64	0.5	97	186	0.0	1	31	1.4	26	19
Gender												
Female	4.1	262	63	1.4	198	140	0.1	10	99	2.6	53	21
Male	3.2	254	78	1.1	198	175	0.1	10	137	2.0	45	22
Unknown	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	(
Race												
White	4.1	275	68	1.4	209	149	0.1	11	110	2.5	54	21
African American	3.2	213	67	1.1	165	155	0.1	8	126	2.0	40	20
Other/unknown	3.0	200	67	1.0	155	156	0.1	7	93	1.9	37	20
Use of Nursing Fa	cilitiese											
Entire year	7.8	416	54	2.7	313	116	0.2	13	71	4.9	89	18
Part year	5.9	335	57	2.1	251	122	0.1	11	82	3.7	73	20
None	3.0	227	75	1.0	174	170	0.1	10	129	1.9	43	22
Maintenance Assi	stance Stat	tus										
Cash	2.6	196	75	0.9	154	171	0.1	8	117	1.6	34	21
Medically needy	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	(
Poverty related	2.8	207	75	0.9	160	169	0.1	9	129	1.7	38	22
Other/unknown	5.9	365	61	2.0	273	134	0.1	14	100	3.7	77	21

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-80a9-4a87-8bc9-ad778d7b6615 (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^{A, b, c, d} DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

			x per Be long Use		\$ per	Benefit N	Month Am ers	iong		\$ pei	r Rx					Userse	
Therapeutic Category	F Total	Patented Brand- Name	Brand-	Generic		Patented Brand- Name	Off- Patent Brand- Name G	eneric	P 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	0.3	0.1	0.0	0.2	\$23	\$17	\$3	\$4	\$74	\$218	\$88	\$18	185,354	\$13,796,723	53,239	58.0	590,237
Biologicals	0.1	0.1	0.0	0.0	9	2	1	7	92	23	1,900	291	2,753	253,609	2,414	2.6	27,642
Antineoplastic Agents	0.5	0.1	0.0	0.4	70	40	0	30	155	613	183	78	23,971	3,706,277	5,247	5.7	53,027
Endocrine/Metabolic Drugs	8.0	0.3	0.1	0.4	45	34	4	7	59	121	62	17	362,956	21,469,599	43,537	47.4	478,610
Cardiovascular Agents	1.3	0.4	0.0	0.9	58	45	0	13	44	110	59	14	863,661	38,223,446	60,150	65.6	654,071
Respiratory Agents	0.5	0.3	0.0	0.2	37	34	0	3	71	110	100	15	178,318	12,674,730	30,810	33.6	339,057
Gastrointestinal Agents	0.7	0.3	0.0	0.4	49	38	0	11	68	134	50	25	308,074	21,015,606	39,572	43.1	432,307
Genitourinary Agents	0.4	0.3	0.0	0.1	34	29	0	4	78	104	78	27	70,608	5,491,542	14,834	16.2	163,413
CNS Drugs	1.1	0.5	0.0	0.6	106	95	1	10	100	193	130	18	574,850	57,221,562	49,818	54.3	541,322
Stimulants/Anti-obesity/Anorexia	0.5	0.3	0.0	0.2	71	63	3	5	142	198	243	32	4,763	674,984	842	0.9	9,461
Miscellaneous Psychological/ Neurological Agents	0.8	0.7	0.0	0.0	137	135	0	1	178	181	125	65	59,967	10,647,400	7,434	8.1	77,907
Analgesics and Anesthetics	8.0	0.1	0.0	0.7	44	17	8	20	57	206	287	30	448,219	25,641,056	53,230	58.0	584,536
Neuromuscular Agents	8.0	0.2	0.0	0.6	53	33	2	18	68	175	73	32	262,343	17,938,415	30,576	33.3	338,535
Nutritional Products	0.5	0.0	0.0	0.5	8	0	0	7	15	33	17	15	108,173	1,642,909	20,109	21.9	217,732
Hematological Agents	0.6	0.2	0.0	0.3	69	63	1	5	117	253	93	16	100,738	11,740,271	15,629	17.0	169,931
Topical Products	0.4	0.2	0.0	0.2	19	14	1	4	50	85	50	21	140,250	7,033,507	32,878	35.8	364,270
Miscellaneous Products	0.3	0.1	0.0	0.1	67	59	2	5	248	423	294	44	5,305	1,315,047	1,788	1.9	19,666
Unknown Therapeutic Category	0.3	0.0	0.0	0.0	5	0	0	0	20	0	0	0	13,528	264,668	4,429	4.8	49,385
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.	3,713,831	250,751,351	n.a.	n.a.	n.a.

Source: Data for this table are from the MAX 2005 file for Oklahoma, released by CMS in 11/2008. 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 Oklahoma, 0.3 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined. For information about this classification method, see Wolters Kluwer Health, http://www.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^{a, b, c} DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

			Users		An	nong Use	rs
Top 10 Drug Groups	Total Medicaid Rx \$	Number of Users	As a Percentage of Dual Beneficiaries	Number of Benefit Months		\$ per Rx	Rx \$ per Benefit Month
ANTIPSYCHOTICS	\$37,569,268	22,761	24.8	249,723	0.6	\$251	\$150
ULCER DRUGS	16,725,308	38,159	41.6	420,031	0.5	75	40
ANTIHYPERLIPIDEMIC	16,614,710	25,445	27.7	286,406	0.4	134	58
ANALGESICS - Narcotic	16,143,859	66,890	72.9	740,716	0.4	51	22
ANTIDEPRESSANTS	15,559,326	45,601	49.7	500,539	0.5	61	31
ANTICONVULSANT	14,566,237	23,448	25.6	259,616	0.6	88	56
ANTIDIABETIC MISC PSYCHOTHERAPEUTIC AND	14,094,120	33,321	36.3	368,061	0.5	71	38
NEUROLOGICAL	10,738,564	9,741	10.6	102,432	0.6	175	105
ANTIASTHMATIC	10,607,123	32,481	35.4	358,482	0.4	79	30
ANTIHYPERTENSIVE	8,823,950	44,932	49.0	495,966	0.5	36	18
Total	161,442,465	342,779		3,781,972	n.a.	n.a.	n.a.

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.

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=09e011ed-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; \$

⁼ 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^{a, b, c} DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

All Top 10 Drug Groups ANTIPSYCHOTICS ULCER DRUGS

Beneficiary Characteristics	Number of Rx	Rx \$	Number of Users		Number of Benefit Months Among Users	of Rx		Number of Users	Users as % of Dual Benes	Number of Benefit Months Among Users	of Rx	Mean Rx \$ per Benefit Month
All	1,877,760	\$161,442,465	22,761	24.8	249,723	0.6	\$150	38,159	41.6	420,031	0.5	\$40
Female												
All Females	1,296,580	105,993,492	13,541	22.4	147,435	0.6	132	27,558	45.7	303,708	0.5	40
Female, Disabled												
All Ages	442,773	44,710,409	6,377	31.6	72,752	0.5	152	8,628	42.7	98,373	0.4	38
5 and younger	63	3,180	0	0.0	0	0.0	0	2	50.0	23	0.7	34
6-14	13	504	0	0.0	0	0.0	0	2	66.7	21	0.1	13
15-20	607	70,708	18	27.7	216	0.5	129	19	29.2	225	0.2	20
21-44	108,939	12,856,803	2,600	40.4	29,646	0.5	147	2,100	32.6	23,928	0.4	32
45-64	324,017	31,090,572	3,725	28.3	42,501	0.6	156	6,310	47.9	71,940	0.5	40
65-74	9,047	682,428	33	6.7	377	0.5	148	192	39.1	2,215	0.5	42
75-84	84	5,960	1	7.7	12	0.4	42	1	7.7	12	0.6	68
85 and older	3	254	0	0.0	0	0.0	0	2	66.7	9	0.2	27
Female, Other Eligibles												
All Ages	853,807	61,283,083	7,164	17.8	74,683	0.6	112	18,930	47.1	205,335	0.6	41
5 and younger	1	19	0	0.0	0	0.0	0	1	100.0	4	0.3	5
6-14	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	18	663	0	0.0	0	0.0	0	1	20.0	4	0.5	68
21-44	3,978	402,732	81	22.8	790	0.4	120	80	22.5	815	0.3	27
45-64	2,553	210,366	29	17.4	300	0.4	118	39	23.4	417	0.4	34
65-74	304,045	23,362,952	1,969	13.9	21,616	0.6	138	6,544	46.3	73,300	0.5	42
75-84	320,296	22,777,605	2,614	18.0	27,309	0.6	109	6,997	48.3	76,377	0.6	42
85 and older	222,916	14,528,746	2,471	22.4	24,668	0.6	93	5,268	47.8	54,418	0.6	40
Male												
All Males	581,180	55,448,973	9,220	29.4	102,288	0.6	177	10,601	33.8	116,323	0.5	39
Male, Disabled												
All Ages	319,240	36,429,679	6,742	39.1	77,056	0.6	194	5,131	29.7	58,168	0.5	39
5 and younger	2	10	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	70	2,552	0	0.0	0	0.0	0	3	37.5	36	0.7	50
15-20	1,117	174,235	38	53.5	422	0.6	213	13	18.3	156	0.4	31
21-44	115,444	15,056,618	3,359	43.8	38,254	0.6	185	1,820	23.7	20,818	0.5	38
45-64	198,673	20,876,919	3,328	36.0	38,181	0.7	203	3,205	34.7	36,123	0.5	40
65-74	3,932	319,325	17	6.5	199	0.6	284	90	34.5	1,035	0.5	44
75-84	2	20	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

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^{a, b, c} DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 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	Mean Rx \$ per Benefit Month
Male, Other Eligibles	Number of tex	ΤΛΑΨ	03013	Delies	03013	WOTH	WOTH	03013	Deries	03013	WOTH	WOTH
All Ages	261,940	19,019,294	2,478	17.5	25,232	0.7	126	5,470	38.7	58,155	0.6	39
5 and younger	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	6	404	0	0.0	0	0.0	0	1	33.3	12	0.3	31
15-20	56	3,455	0	0.0	0	0.0	0	2	28.6	14	0.6	11
21-44	577	59,370	16	24.2	164	0.8	166	13	19.7	122	0.3	24
45-64	1,189	104,007	11	12.6	122	0.4	127	21	24.1	204	0.4	48
65-74	131,317	9,896,907	1,027	14.4	11,139	0.7	143	2,541	35.5	27,880	0.5	39
75-84	90,464	6,391,446	894	18.8	8,941	0.7	117	1,965	41.3	20,861	0.6	38
85 and older	38,331	2,563,705	530	25.5	4,866	0.7	102	927	44.5	9,062	0.6	38
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^{a, b, c} DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

		ANTIHY	PERLIPIDE			DEIVEL 1017 (IV)		SESICS - Nar	cotic			ANTIE	DEPRESSAN	TS	
Beneficiary Characteristics	Number of Users	Users as % of Dual	Number of Benefit N 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			Number of Users	Users as % of Dual Benes	Number of Benefit N Months Among Users		Mean Rx \$ per Benefit Month
All	25,445	27.7	286,406	0.4	\$58	66,890	72.9	740,716	0.4	\$22	45,601	49.7	500,539	0.5	\$31
Female															
All Females	17,968	29.8	202,923	0.4	58	47,467	78.7	527,052	0.4	20	32,799	54.3	359,906	0.5	31
Female, Disabled															
All Ages	5,307	26.3	60,584	0.4	53	19,325	95.7	218,701	0.4	28	14,455	71.6	164,328	0.4	31
5 and younger	1	25.0	12	0.3	19	3	75.0	36	0.1	0	0	0.0	0	0.0	C
6-14	0	0.0	0	0.0	0	2	66.7	21	0.1	1	0	0.0	0	0.0	C
15-20	2	3.1	24	0.4	83	37	56.9	421	0.2	2	20	30.8	230	0.5	24
21-44	708	11.0	8,070	0.4	45	5,807	90.3	65,753	0.4	24	4,491	69.8	50,954	0.4	31
45-64	4,388	33.3	50,101	0.4	54	13,094	99.4	148,222	0.5	30	9,767	74.1	111,160	0.5	32
65-74	205	41.8	2,356	0.4	59	379	77.2	4,222	0.4	14	173	35.2	1,951	0.4	26
75-84	3	23.1	21	0.3	51	3	23.1	26	0.3	2	4	30.8	33	0.2	14
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C
Female, Other Eligibles															
All Ages	12,661	31.5	142,339	0.5	60	28,142	70.1	308,351	0.4	15	18,344	45.7	195,578	0.6	31
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	0	0.0	0	0.0	0	4	80.0	48	0.1	7	1	20.0	12	0.8	5
21-44	15	4.2	155	0.2	26	367	103.1	3,582	0.4	26	240	67.4	2,407	0.4	25
45-64	33	19.8	316	0.3	42	157	94.0	1,543	0.5	35	108	64.7	1,054	0.4	23
65-74	5,771	40.9	65,458	0.4	59	10,706	75.8	120,261	0.4	16	6,491	45.9	71,796	0.5	29
75-84	4,956	34.2	55,669	0.5	61	10,113	69.8	111,707	0.4	13	6,558	45.3	69,898	0.6	31
85 and older	1,886	17.1	20,741	0.5	62	6,795	61.6	71,210	0.4	13	4,946	44.9	50,411	0.7	34
Male															
All Males	7,477	23.8	83,483	0.4	58	19,423	61.8	213,664	0.4	26	12,802	40.8	140,633	0.5	31
Male, Disabled															
All Ages	3,481	20.2	39,643	0.4	54	11,526	66.8	128,925	0.5	33	8,057	46.7	91,119	0.5	31
5 and younger	0	0.0	0	0.0	0	2	50.0	24	0.1	0	0	0.0	0	0.0	C
6-14	0	0.0	0	0.0	0	3	37.5	30	0.2	1	1	12.5	12	0.6	29
15-20	4	5.6	48	0.6	63	36	50.7	405	0.4	47	38	53.5	436	0.6	36
21-44	860	11.2	9,944	0.4	48	4,631	60.4	51,974	0.4	31	3,559	46.4	40,280	0.5	30
45-64	2,529	27.4	28,649	0.4	56	6,721	72.8	74,948	0.5	35	4,420	47.8	49,938	0.5	31
65-74	88	33.7	1,002	0.4	57	131	50.2	1,520	0.5	9	39	14.9	453	0.4	21
75-84	0	0.0	0	0.0	0	2	66.7	24	0.1	1	0	0.0	0	0.0	C
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C

TABLE D.7B MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR THIRD TO FIFTH TOP DRUG GROUPS

SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE^{a, b, c}
DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

		ANTIHY	PERLIPIDE	MIC			ANALG	ESICS - Nard	cotic			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	Rx \$ per		as %	Months		Rx \$ per		as %	Months		Rx \$ per
Dan efficient Observatoristics	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	3,996	28.2	43,840	0.5	61	7,897	55.8	84,739	0.4	15	4,745	33.5	49,514	0.6	33
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	1	33.3	12	0.2	1	0	0.0	0	0.0	0
15-20	0	0.0	0	0.0	0	4	57.1	38	0.1	1	3	42.9	27	0.5	36
21-44	3	4.5	27	0.4	54	46	69.7	391	0.4	7	17	25.8	164	0.3	29
45-64	23	26.4	234	0.3	52	82	94.3	839	0.5	24	35	40.2	376	0.4	32
65-74	2,290	32.0	25,533	0.4	61	4,177	58.4	46,043	0.4	18	2,187	30.6	23,910	0.5	31
75-84	1,352	28.4	14,682	0.5	62	2,536	53.3	27,073	0.4	11	1,646	34.6	16,948	0.6	34
85 and older	328	15.8	3,364	0.6	63	1,051	50.5	10,343	0.4	9	857	41.2	8,089	0.7	35
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 Oklahoma, released by CMS in 11/2008. 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^{a, b, c} DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

		ANTI	CONVULSAN	NT			AN	ITIDIABETIC			MISC		OTHERAPEI IROLOGICAI		
Beneficiary Characteristics	Number of Users		Number of Benefit N 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 Number of Rx per I Benefit Month		Number of Users	Users as %	Number of Benefit N Months Among Users		Mean Rx \$ per Benefit Month
All	23,448	25.6	259,616	0.6	\$56	33,321	36.3	368,061	0.5	\$38	9,741	10.6	102,432	0.6	\$105
Female															
All Females	15,192	25.2	167,939	0.6	51	23,575	39.1	261,170	0.5	38	7,220	12.0	76,394	0.6	108
Female, Disable	d														
All Ages	7,720	38.2	87,485	0.6	67	7,517	37.2	85,095	0.5	41	1,028	5.1	11,807	0.4	177
5 and younger	2	50.0	22	1.0	63	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	11	16.9	131	0.7	149	4	6.2	48	0.7	47	3	4.6	36	0.1	17
21-44	2,741	42.6	31,036	0.6	80	1,207	18.8	13,621	0.4	37	262	4.1	2,977	0.3	223
45-64	4,883	37.1	55,393	0.6	59	6,061	46.0	68,616	0.5	42	741	5.6	8,530	0.4	166
65-74	81	16.5	889	0.5	39	245	49.9	2,810	0.5	34	21	4.3	252	0.4	61
75-84	2	15.4	14	0.1	2	0	0.0	0	0.0	0	1	7.7	12	0.2	26
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
Female, Other E	ligibles														
All Ages	7,472	18.6	80,454	0.6	35	16,058	40.0	176,075	0.6	37	6,192	15.4	64,587	0.7	96
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
21-44	117	32.9	1,188	0.5	50	38	10.7	406	0.3	23	15	4.2	160	0.4	322
45-64	50	29.9	500	0.5	42	57	34.1	579	0.4	36	5	3.0	56	0.1	19
65-74	2,922	20.7	32,445	0.6	40	7,000	49.6	78,633	0.5	39	1,083	7.7	11,734	0.5	83
75-84	2,734	18.9	29,299	0.6	32	6,070	41.9	66,645	0.6	36	2,660	18.4	27,766	0.7	94
85 and older	1,649	15.0	17,022	0.6	29	2,893	26.2	29,812	0.6	33	2,429	22.0	24,871	0.7	102
Male															
All Males	8,256	26.3	91,677	0.7	65	9,746	31.0	106,891	0.5	39	2,521	8.0	26,038	0.6	95
Male, Disabled															
All Ages	5,828	33.8	65,897	0.7	76	4,262	24.7	47,761	0.5	41	640	3.7	7,245	0.4	108
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	24	33.8	273	0.8	113	4	5.6	48	0.6	74	0	0.0	0	0.0	0
21-44	2,707	35.3	30,622	0.7	86	1,005	13.1	11,362	0.5	38	208	2.7	2,398	0.3	109
45-64	3,076	33.3	34,779	0.7	66	3,149	34.1	35,169	0.5	41	422	4.6	4,740	0.4	108
65-74	21	8.0	223	0.7	35	104	39.8	1,182	0.5	41	10	3.8	107	0.5	84
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

TABLE D.7C MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR SIXTH TO EIGHTH TOP DRUG GROUPS SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGEa, b, c

DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

				_	BONEL	LIOIDLE DEIVI			1, 2000		MIS		OTHERAPEL		
		ANTI	CONVULSAN	IT			AN	TIDIABETIC				NEU	IROLOGICAL	<u>- </u>	
			Number of	Mean				Number of	Mean				Number of	Mean	
		Users	Benefit N	lumber of	Mean		Users	Benefit N	lumber of	Mean		Users	Benefit N	umber of	Mean
		as %	Months		Rx \$ per		as %	Months	Rx per f			as %	Months	Rx per F	
Beneficiary	Number of	of Dual	Among	Benefit	Benefit	Number of	of Dual	Among	Benefit		Number of	of Dual	Among		Benefit
Characteristics	Users	Benes	Users	Month	Month	Users	Benes	Users	Month	Month	Users	Benes	Users	Month	Month
Male, Other Elig	ibles														
All Ages	2,428	17.2	25,780	0.6	38	5,484	38.8	59,130	0.6	37	1,881	13.3	18,793	0.7	90
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
15-20	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0
21-44	15	22.7	128	0.6	111	6	9.1	40	0.4	22	0	0.0	0	0.0	0
45-64	22	25.3	238	0.4	39	29	33.3	331	0.4	34	3	3.4	36	0.1	7
65-74	1,291	18.1	14,266	0.6	42	3,008	42.1	33,185	0.5	38	539	7.5	5,620	0.6	79
75-84	811	17.0	8,287	0.6	32	1,919	40.3	20,370	0.6	37	790	16.6	7,835	0.7	94
85 and older	289	13.9	2,861	0.7	28	522	25.1	5,204	0.6	31	549	26.4	5,302	0.7	98
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	0

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.

Source: Data for this table are from the MAX 2005 file for Oklahoma, released by CMS in 11/2008. 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).

${\it TABLE~D.7D} \\ {\it MEDICAID~PHARMACY~BENEFIT~USE~AND~REIMBURSEMENT~FOR~NINTH~AND~TENTH~TOP~DRUG~GROUPS} \\$ SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE^{a, b, c} DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

		ANT	TASTHMATIC)			ANTIF	IYPERTENSI	VE			
Beneficiary Characteristics	Number of Users	Users as %	Number of Benefit N Months Among Users	Mean lumber of Rx per F Benefit Month		Number of Users	Users as % of Dual Benes	Number of Benefit N Months Among Users	Mean Iumber of Rx per F Benefit Month	Mean Rx \$ per Benefit Month	Number of Beneficiaries I	Number of Benefit Months
All	32,481	35.4	358,482	0.4	\$30	44,932	49.0	495,966	0.5	\$18	91,755	967,588
Female												
All Females	22,573	37.4	250,355	0.4	29	32,082	53.2	354,584	0.5	19	60,350	638,468
Female, Disable	i											
All Ages	8,424	41.7	95,897	0.3	27	7,796	38.6	88,197	0.4	16	20,188	220,088
5 and younger	4	100.0	47	0.4	16	2	50.0	24	0.1	2	4	47
6-14	3	100.0	30	0.2	7	1	33.3	12	0.2	1	3	33
15-20	14	21.5	167	0.3	34	12	18.5	135	0.4	15	65	712
21-44	1,999	31.1	22,655	0.3	18	1,094	17.0	12,390	0.4	13	6,432	70,092
45-64	6,159	46.7	70,225	0.4	29	6,369	48.3	72,090	0.4	17	13,177	143,843
65-74	241	49.1	2,730	0.4	29	309	62.9	3,486	0.4	18	491	5,258
75-84	4	30.8	43	0.5	52	8	61.5	58	0.4	9	13	92
85 and older	0	0.0	0	0.0	0	1	33.3	2	0.5	4	3	11
Female, Other El	igibles											
All Ages	14,149	35.2	154,458	0.4	30	24,286	60.5	266,387	0.5	20	40,162	418,380
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	4
6-14	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
15-20	0	0.0	0	0.0	0	0	0.0	0	0.0	0	5	41
21-44	86	24.2	884	0.2	10	25	7.0	250	0.3	6	356	2,948
45-64	75	44.9	804	0.3	24	67	40.1	669	0.4	12	167	1,504
65-74	6,057	42.9	67,923	0.4	33	8,665	61.3	97,469	0.5	19	14,127	151,529
75-84	4,776	33.0	52,170	0.4	31	9,338	64.5	102,900	0.5	20	14,483	152,819
85 and older	3,155	28.6	32,677	0.4	26	6,191	56.2	65,099	0.6	20	11,023	109,535
Male												
All Males	9,908	31.5	108,127	0.4	31	12,850	40.9	141,382	0.5	15	31,405	329,120
Male, Disabled												
All Ages	4,349	25.2	48,842	0.4	28	5,529	32.0	62,089	0.5	15	17,253	186,119
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	4	40
6-14	2	25.0	24	0.2	5	5	62.5	60	0.5	4	8	79
15-20	16	22.5	189	0.2	26	14	19.7	139	0.5	19	71	767
21-44	1,336	17.4	15,129	0.3	21	1,494	19.5	16,780	0.4	14	7,667	82,620
45-64	2,874	31.1	32,093	0.4	31	3,904	42.3	43,836	0.5	15	9,238	99,797
65-74	121	46.4	1,407	0.4	38	112	42.9	1,274	0.4	14	261	2,793
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	3	19
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	4

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

SEPARATELY, BY SEX, BASIS OF ELIGIBILITY, AND AGE^{a, b, c}
DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

		AN	TIASTHMATIC)			ANTII	HYPERTENSI	VE			
			Number of	Mean				Number of	Mean			
		Users	Benefit N	lumber of	Mean		Users	Benefit N	lumber of	Mean		
		as %	Months	Rx per l	Rx \$ per		as %	Months	Rx per f	Rx \$ per		
Beneficiary	Number of		Among	Benefit	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 Elig	ibles											
All Ages	5,559	39.3	59,285	0.4	34	7,321	51.7	79,293	0.5	15	14,152	143,001
5 and younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	7
6-14	1	33.3	12	0.1	2	0	0.0	0	0.0	0	3	36
15-20	3	42.9	34	0.6	61	4	57.1	32	0.3	7	7	58
21-44	11	16.7	88	0.3	30	11	16.7	89	0.7	29	66	492
45-64	27	31.0	316	0.3	33	27	31.0	271	0.4	13	87	751
65-74	2,912	40.7	32,079	0.4	36	3,814	53.3	42,370	0.5	15	7,150	74,620
75-84	1,807	38.0	19,065	0.4	33	2,493	52.4	26,886	0.5	15	4,757	48,128
85 and older	798	38.3	7,691	0.4	31	972	46.7	9,645	0.6	14	2,081	18,909
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 Oklahoma, released by CMS in 11/2008. 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) = beneficiary (or beneficiaries); Bene Mo(s) = benefit month(s); BOE = basis of eligibility; CMS = Centers for Medicare & Medicaid Services; MAX = Medicaid Analytic Extract; Rx = prescription (s) or pharmacy; \$ = Medicaid reimbursement.

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

BY BENEFICIARY CHARACTERISTIC^{a, b} DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

Panafician/		Number of By per Benefit	Number of All Veer Nursing	Benefit Months Among All-
Beneficiary Characteristics	Rx \$ per Benefit Month	Month	Number of All-Year Nursing Facility Residents	Year Nursing Facility Residents
All	\$416	7.8	'	130,863
Age				
0-64	642	9.4	1,359	14,974
65-74	508	9.0	2,120	21,815
75-84	415	7.9	4,221	40,977
85 and older	315	6.7	5,604	53,097
Unknown	0	0.0	0	0
Gender				
Female	400	7.7	9,778	96,563
Male	462	7.9	3,526	34,300
Unknown	0	0.0	0	0
Race				
White	417	7.8	11,638	113,744
African American	422	7.4	983	10,133
Other/unknown	393	7.5	683	6,986
Basis of Eligibility	:			
Aged	387	7.6	11,937	115,821
Disabled	642	9.4	1,357	14,950
Adults	412	7.4	6	48
Children	672	10.0	4	44
Unknown	0	0.0	0	0

Source: Data for this table are from the MAX 2005 file for Oklahoma, released by CMS in 11/2008. 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 6,212 beneficiaries who were in nursing facilities for part of their enrollment and their 59,202 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^a, b, c, d, e DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

Number of Rx per Benefit \$ per Benefit Month Among

Month Among Users Users \$ per Rx Users

Therapeutic Category	P	atented Brand- Name	Off- Patent Brand- Name G	Seneric		atented Brand- Name	Off- Patent Brand- Name G	eneric		atented Brand- Name		Seneric	Total Number	Total Rx \$		As a Percentage of Dual All-Year Nursing Facility Residents	Number of Benefit Months
Anti-infective Agents	0.4	0.1	0.0	0.2		\$12	\$4	\$4	\$53	\$119	\$92	\$18	37.154	\$1,952,263	9,656	72.6	100,339
Biologicals	0.1	0.1	0.0	0.0	2	1	0	1	21	17	116	35	1,961	40,798	1,756	13.2	20,198
Antineoplastic Agents	0.5	0.0	0.0	0.5	58	9	0	49	110	418	0	97	9.773	1,072,959	1,938	14.6	18,597
Endocrine/Metabolic Drugs	1.2	0.4	0.2	0.6	52	37	8	.8	43	87	50	13	89.560	3,869,764	7,237	54.4	74,083
Cardiovascular Agents	2.1	0.5	0.0	1.6	54	36	0	18	26	75	43	11	219,950	5,751,388	10,546	79.3	106,138
Respiratory Agents	0.6	0.3	0.0	0.3	37	33	0	4	63	102	139	15	37,360	2,366,427	6.128	46.1	63,978
Gastrointestinal Agents	1.1	0.3	0.0	0.8	50	32	0	18	46	124	43	22	99,473	4,561,584	8,826	66.3	90,739
Genitourinary Agents	0.6	0.4	0.0	0.2	43	37	0	6	68	88	93	27	28,758	1,945,800	4,290	32.2	45,299
CNS Drugs	1.7	0.9	0.0	0.8	148	135	0	12	87	145	63	16	177,539	15,455,472	10,284	77.3	104,729
Stimulants/Anti-obesity/Anorexia	0.6	0.4	0.0	0.2	69	66	1	2	116	159	46	13	855	99,346	137	1.0	1,438
Miscellaneous Psychological/ Neurological Agents	1.0	1.0	0.0	0.0	154	154	0	0	149	149	0	39	35,297	5,248,116	3,347	25.2	34,108
Analgesics and Anesthetics	1.0	0.1	0.0	0.8	38	14	5	19	40	112	157	23	83,321	3,314,856		63.5	86,798
Neuromuscular Agents	1.2	0.3	0.0	0.9	66	37	2	27	55	122	59	31	63,092	3,445,381	4,976	37.4	52,279
Nutritional Products	0.8	0.0	0.0	0.7	10	0	0	10	13	35	10	13	41,293	555,930	5,253	39.5	53,788
Hematological Agents	0.9	0.4	0.0	0.6	68	60	0	7	72	167	106	13	32,395	2,333,734	3,344	25.1	34,205
Topical Products	0.6	0.3	0.0	0.3	25	18	1	6	42	70	47	19	54,088	2,265,356	8,504	63.9	89,679
Miscellaneous Products	0.3	0.1	0.0	0.2	19	14	0	4	68	121	179	27	1,638	111,265	557	4.2	6,009
Unknown Therapeutic Category	0.4	0.0	0.0	0.0	5	0	0	0	14	0	0	0	3,862	52,334	1,004	7.5	10,564
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.	1,017,369	54,442,773	n.a.	n.a.	n.a.

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 6,212 beneficiaries who were

in nursing facilities for part of their enrollment and their 59,202 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).

In Oklahoma, 0.3 percent of drug claims have missing values for brand status. Thus, the sum of the three groups in this table may be smaller than all prescriptions combined. Bene Mo(s) = benefit month(s); CMS = Centers for Medicare & Medicaid Services; CNS = Central Nervous System; MAX = Medicaid Analytic Extract; n.a. = not applicable; NF = nursing facility; Rx = prescription(s) or pharmacy benefit; \$ = Medicaid reimbursement.

TABLE D.10 MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT FOR TOP 10 DRUG GROUPS AMONG ALL-YEAR NURSING FACILITY RESIDENTS,

BY TOP-10 DRUG GROUP^{a, b, c, d} DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

	-		Users				Among Users
		Number of	As a Percentage of All-Year Nursing Facility	Number of	Number of Rx		Rx \$ per Benefit
Top 10 Drug Groups in Nursing Facilities	Total Medicaid Rx \$	Users	Residents	Benefit Monthsp	er Benefit Month	\$ per Rx	Month
ANTIPSYCHOTICS	\$10,224,647	6,465	48.6	68,048	0.8	\$187	\$150
MISC PSYCHOTHERAPEUTIC AND NEUROLOGICAL	5,255,448	4,277	32.1	43,631	0.8	148	120
ANTIDEPRESSANTS	4,291,163	9,821	73.8	101,745	0.8	52	42
ULCER DRUGS	3,501,005	7,984	60.0	82,703	0.8	55	42
ANTICONVULSANT	2,578,055	4,582	34.4	48,543	0.9	60	53
ANTIDIABETIC	2,365,994	5,787	43.5	60,229	0.8	49	39
ANTIHYPERLIPIDEMIC	2,045,536	2,696	20.3	28,523	0.8	90	72
ANTIASTHMATIC	1,995,748	5,558	41.8	57,595	0.5	76	35
ANALGESICS - Narcotic	1,832,114	9,020	67.8	93,247	0.6	35	20
DERMATOLOGICAL	1,460,707	11,745	88.3	126,559	0.3	40	12
Total	35,550,417	67,935		710,823	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 Oklahoma, released by CMS in 11/2008. 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 6,212 beneficiaries who were in nursing facilities for part of their enrollment and their 59,202 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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MEDICAID PHARMACY BENEFIT USE AND REIMBURSEMENT PER BENEFIT MONTH FOR TOP 10 DRUG GROUPS COMBINED AND FIRST AND SECOND TOP DRUG GROUPS SEPARATELY AMONG ALL-YEAR NURSING FACILITY RESIDENTS, BY SEX, BASIS OF ELIGIBILITY, AND AGEA, b, c, d DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

All	Top 10 Drug Groups			ANTIPS)	CHOTICS	,		MIS	C PSYCHOTH NEURO	HERAPEUTI LOGICAL	C AND	
Beneficiary Characteristics	Number of Rx	Rx \$	Number of Users	Users as % of All-Year Nursing Facility Residents	Benefit Months	Mean Number of Rx		Number of Users	Users as % of All-Year Nursing Facility Residents	Benefit Months	Mean Number of Rx	
All	465,344	\$35,550,417	6,465	48.6	68,048	0.8	\$150	4,277	32.1	43,631	0.8	\$121
Female												
All Females	332,096	24,760,411	4,446	45.5	46,715	0.8	140	3,242	33.2	33,468	0.8	120
Female, Disabled												
All Ages	36,828	3,414,886	472	72.4	5,349	1.0	221	102	15.6	1,150	0.7	310
64 or younger	36,828	3,414,886	472	72.4	5,349	1.0	221	102	15.6	1,150	0.7	310
65-74	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	(
Female, Other Eligible	es											
All Ages	295,268	21,345,525	3,974	43.5	41,366	0.8	130	3,140	34.4	32,318	0.8	113
64 or younger	148	6,482	0	0.0	0	0.0	0	0	0.0	0	0.0	(
65-74	60,805	4,770,267	812	63.7	8,822	0.8	172	358	28.1	3,744	0.8	113
75-84	112,592	8,357,461	1,493	48.0	15,628	0.8	134	1,277	41.1	13,111	0.8	113
85 and older	121,723	8,211,315	1,669	35.2	16,916	0.7	104	1,505	31.8	15,463	0.8	114
Male												
All Males	133,248	10,790,006	2,019	57.3	21,333	0.8	172	1,035	29.4	10,163	0.8	122
Male, Disabled												
All Ages	37,431	3,597,164	589	83.5	6,760	1.0	235	98	13.9	1,112	0.7	203
64 or younger	37,394	3,595,102	589	83.7	6,760	1.0	235	98	13.9	1,112	0.7	203
65-74	37	2,062	0	0.0	0	0.0	0	0	0.0	0	0.0	(
75-84	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	(
85 and older	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C
Male, Other Eligibles												
All Ages	95,817	7,192,842	1,430	50.7	14,573	0.8	142	937	33.2	9,051	0.8	112
64 or younger	55	5,828	0	0.0	0	0.0	0	0	0.0	0	0.0	C
65-74	35,727	2,832,901	518	61.3	5,669	0.8	165	214	25.3	2,174	0.8	109
75-84	37,583	2,796,723	555	50.0	5,616	0.8	138	395	35.6	3,739	0.8	113
85 and older	22,452	1,557,390	357	41.3	3,288	0.7	110	328	38.0	3,138	0.8	112
Unknown	0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C

Source: Data for this table are from the MAX 2005 file for Oklahoma, released by CMS in 11/2008. 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 6,212 beneficiaries who were in nursing facilities for part of their enrollment and their 59,202 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 AGEA, b, c, d

DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

	ANTIDEPRESSANTS					LIGIBLE BENE		R DRUGS				ANTICO	NVULSANT		
Beneficiary Characteristics	Number of Users	Year Nursing Facility				Number of Users	Users as % of All- Year Nursing Facility Residents	Number of Benefit Months Among Users			Number of Users	Year Nursing Facility	Number of Benefit Months Among Users	Mean Number of Rx	
All	9,821	73.8		0.8			60.0	82,703			4,582	34.4	48,543	0.9	
Female	•		,			•		,			,		•		
All Females	7,208	73.7	74,680	0.8	41	5,801	59.3	60,124	0.8	43	3,041	31.1	32,049	0.9	51
Female, Disable	d														
All Ages	685	105.1	7,716	0.9	47	446	68.4	5,083	0.8	50	525	80.5	5,926	1.0	79
64 or younger	685	105.1	7,716	0.9	47	446	68.4	5,083	0.8	50	525	80.5	5,926	1.0	79
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	(
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	(
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	(
Female, Other E	ligibles														
All Ages	6,523	71.5	66,964	0.8	41	5,355	58.7	55,041	0.8	42	2,516	27.6	26,123	0.8	44
64 or younger	2	100.0	24	1.2	14	2	100.0	24	0.9	8	3	150.0	36	1.0	88
65-74	1,168	91.7	12,355	0.8	43	868	68.1	9,274	0.8	45	662	52.0	7,106	0.9	59
75-84	2,474	79.5	25,459	0.8	41	1,932	62.1	19,964	0.8	45	968	31.1	10,031	0.8	43
85 and older	2,879	60.7	29,126	0.8	39	2,553	53.9	25,779	0.8	39	883	18.6	8,950	0.8	33
Male															
All Males	2,613	74.1	27,065	0.8	45	2,183	61.9	22,579	0.8	41	1,541	43.7	16,494	0.9	58
Male, Disabled															
All Ages	674	95.6	7,609	0.8	47	476	67.5	5,338	0.8	46	564	80.0	6,407	1.0	74
64 or younger	674	95.7	7,609	0.8	47	476	67.6	5,338	0.8	46	564	80.1	6,407	1.0	74
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	(
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	(
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	(
Male, Other Elig	ibles														
All Ages	1,939	68.7	19,456	0.8	44	1,707	60.5	17,241	0.8	40	977	34.6	10,087	0.9	48
64 or younger	1	100.0	12	0.3	34	1	100.0	12	0.9	93	1	100.0	12	0.9	97
65-74	693	82.0	7,384	0.8	46	528	62.5	5,573	0.8	43	447	52.9	4,868	0.9	
75-84	750	67.5	7,520	0.8	43	688	61.9	7,024	0.8	38	373	33.6	3,683	0.8	42
85 and older	495	57.3	,	0.8		490	56.7	4,632			156	18.1	1,524	0.8	
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C

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 6,212 beneficiaries who were in nursing facilities for part of their enrollment and their 59,202 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.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 $AGE^{a, b, c, d}$

DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

		ANTID	IABETIC		207.22		ANTIHYPE	RLIPIDEMIC				ANTIAS	THMATIC		
Beneficiary Characteristics	Number of Users	Users as % of All-Year Nursing Facility Residents	Benefit Months Among	Mean Number of Rx		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	5,787	43.5	60,229	0.8	\$39	2,696	20.3	28,523	0.8	\$72	5,558	41.8	57,595	0.5	\$35
Female															
All Females	4,110	42.0	42,692	0.8	39	1,888	19.3	20,110	0.8	71	3,898	39.9	40,600	0.4	33
Female, Disable	ed														
All Ages	418	64.1	4,704	0.9	49	200	30.7	2,312	0.8	70	318	48.8	3,637	0.5	38
64 or younger	418	64.1	4,704	0.9	49	200	30.7	2,312	0.8	70	318	48.8	3,637	0.5	38
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C
Female, Other E	Eligibles														
All Ages	3,692	40.5	37,988	0.8	38	1,688	18.5	17,798	0.8	71	3,580	39.2	36,963	0.4	32
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C
65-74	856	67.2	9,253	0.8	42	382	30.0	4,198	0.8	74	674	52.9	7,137	0.5	41
75-84	1,497	48.1	15,498	0.8	38	742	23.9	7,719	0.8	70	1,279	41.1	13,185	0.5	35
85 and older	1,339	28.2	13,237	0.7	35	564	11.9	5,881	0.8	71	1,627	34.3	16,641	0.4	26
Male															
All Males	1,677	47.6	17,537	0.8	40	808	22.9	8,413	0.8	73	1,660	47.1	16,995	0.5	40
Male, Disabled															
All Ages	343	48.7	3,848	0.9	46	177	25.1	1,979	0.8	72	300	42.6	3,411	0.5	40
64 or younger	341	48.4	3,824	0.9	46	176	25.0	1,967	0.8	72	300	42.6	3,411	0.5	40
65-74	2	200.0	24	1.0	17	1	100.0	12	1.0	138	0	0.0	0	0.0	C
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C
Male, Other Elig	gibles														
All Ages	1,334	47.3	13,689	0.8	38	631	22.4	6,434	0.8	74	1,360	48.2	13,584	0.5	40
64 or younger	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	100.0	12	0.5	78
65-74	484	57.3	5,241	0.8	41	229	27.1	2,471	0.8	77	449	53.1	4,751	0.6	45
75-84	587	52.8	5,916	0.8	39	279	25.1	2,802	0.8	76	495	44.6	4,976	0.5	39
85 and older	263	30.4	2,532	0.7	32	123	14.2	1,161	0.8	62	415	48.0	3,845	0.4	34
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0.0	0	0.0	C

Source: Data for this table are from the MAX 2005 file for Oklahoma, released by CMS in 11/2008. 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.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 6,212 beneficiaries who were in nursing facilities for part of their enrollment and their 59,202 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, OKLAHOMA, 2005

DERMATOLOGICAL

ANALGESICS - Narcotic

Beneficiary	Number of	Users as % of All-Year Nursing Facility	Benefit Months Among			Number of	Users as % of All-Year Nursing Facility	Benefit Months Among	Mean Number	Mean	All-Year Nursing Facility	Benefit Months Among All- Year Nursing Facility
Characteristics All	9,020	Residents 67.8		of Rx	Rx \$ \$20	Users 11,745	Residents 88.3			Rx \$ \$12	Residents 13,304	Residents 130,863
Female	3,020	01.0	33,241	0.0	Ψ20	11,743	00.0	120,000	0.5	Ψ12	10,004	100,000
All Females	6,884	70.4	71,383	0.6	20	8,500	86.9	91,743	0.3	11	9,778	96,563
Female, Disable	,	70.1	7 1,000	0.0	20	0,000	00.0	01,710	0.0		0,770	00,000
All Ages	581	89.1	6,506	0.7	25	739	113.3	8,530	0.3	12	652	7,185
64 or younger	581	89.1	6,506	0.7	25	739	113.3	,			652	7,185
65-74	0	0.0	,	0.0	0	0	0.0	,			0	0
75-84	0	0.0		0.0	0	0	0.0				0	0
85 and older	0	0.0		0.0	0	0	0.0				0	0
Female, Other I	Eligibles											
All Ages	6,303	69.1	64,877	0.6	20	7,761	85.0	83,213	0.3	11	9,126	89,378
64 or younger	3	150.0	36	0.5	26	5	250.0			31	2	24
65-74	1,090	85.6	11,534	0.6	26	1,257	98.7	14,055	0.3	12	1,274	13,205
75-84	2,190	70.4	22,668	0.6	21	2,688	86.4	28,879	0.3	12	3,110	30,509
85 and older	3,020	63.7	30,639	0.5	17	3,811	80.4	40,219	0.3	11	4,740	45,640
Male												
All Males	2,136	60.6	21,864	0.6	17	3,245	92.0	34,816	0.3	12	3,526	34,300
Male, Disabled												
All Ages	478	67.8	5,367	0.7	22	762	108.1	8,735	0.3	15	705	7,765
64 or younger	478	67.9	5,367	0.7	22	762	108.2	8,735	0.3	15	704	7,753
65-74	0	0.0	0	0.0	0	0	0.0	0	0.0	0	1	12
75-84	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
85 and older	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0
Male, Other Elig	gibles											
All Ages	1,658	58.8	16,497	0.5	16	2,483	88.0	26,081	0.3	11	2,821	26,535
64 or younger	2	200.0	24	1.0	92	0	0.0	0	0.0	0	1	12
65-74	519	61.4	5,440	0.6	19	791	93.6	8,634	0.3	10	845	8,598
75-84	661	59.5	6,602	0.5	16	928	83.5	9,782	0.3	12	1,111	10,468
85 and older	476	55.1	4,431	0.5	12	764	88.4	7,665	0.3	11	864	7,457
Unknown	0	0.0	0	0.0	0	0	0.0	0	0.0	0	0	0

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 6,212 beneficiaries who were in nursing facilities for part of their enrollment and their 59,202 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^{a,b} OKLAHOMA, 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	Number of Part D Excluded Rx per Beneficiary	Part D	\$ per	Total Part D Excluded Rx \$	\$ per Part D Pe Excluded Rx		Total Number of Beneficiaries
All	38,387	41.8	2.8	256,498	\$39	\$3,551,088	\$14	1.4	91,755
Age									
5 and younger	7	70.0	3.1	31	336	3,362	108	10.2	10
6-14	7	50.0	2.4	34	71	988	29	0.6	14
15-20	34	23.0	1.1	162	52	7,727	48	1.6	148
21-44	4,511	31.1	2.0	28,316	35	509,923	18	1.2	14,521
45-64	9,911	43.7	3.0	68,138	43	970,477	14	1.3	22,669
65-74	8,626	39.2	2.5	56,075	33	731,646	13	1.4	22,029
75-84	8,585	44.6	3.0	57,607	38	738,731	13	1.5	19,256
85 and older	6,706	51.2	3.5	46,135	45	588,234	13	1.9	13,108
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Basis of Eligibility	С								
Aged	23,631	44.2	3.0	158,490	38	2,041,300	13	1.6	53,507
Disabled	14,500	38.7	2.6	96,734	40	1,495,976	15	1.3	37,441
Adults	224	31.5	1.6	1,158	17	12,121	10	1.1	710
Children	10	32.3	1.8	57	35	1,096	19	0.7	31
Unknown	22	33.3	0.9	59	9	595	10	1.0	66
Gender									
Female	27,707	45.9	3.1	185,579	41	2,475,707	13	1.5	60,350
Male	10,680	34.0	2.3	70,919	34	1,075,381	15	1.3	31,405
Unknown	0	0.0	0.0	0	0	0	0	0.0	0
Race									
White	31,067	43.9	3.0	214,880	42	2,958,226	14	1.4	70,690
African American	3,984	35.6	2.1	23,524	30	336,763	14	1.3	11,199
Other/unknown	3,336	33.8	1.8	18,094	26	256,099	14	1.2	9,866
Use of Nursing Fa	cilities ^d								
Entire year	8,087	60.8	5.7	76,009	73	966,359	13	1.8	13,304
Part year	4,039	65.0	4.2	25,994	54	336,605	13	1.7	6,212
None	26,261	36.4	2.1	154,495	31	2,248,124	15	1.3	72,239
Maintenance Assis	stance Status								
Cash	11,563	32.6	1.8	62,736	25	893,794	14	1.2	35,450
Medically needy	0	0.0	0.0	0	0	0	0	0.0	0
Poverty related	7,671	34.4	1.8	40,767	24	527,130	13	1.1	22,309
Other/unknown	19,153	56.3	4.5	152,995	63	2,130,164	14	1.7	33,996

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 them barbituraters; nonprescription (OTC) medications; prescription (states cover them for any prescription drugs include through Part D. Excluded drugs used for anorexia, weight loss, or weight gain. Other excluded drugs include those that promote fertility; those used for cosmetic purposes or hair growth, for symptomatic relief of coughs and colds; or drugs for which the manufacturer requires that associated tests or monitoring services be purchased exclusively from the manufacturer.

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

or blindness. The children's group includes children receiving foster care and adoptive services.

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

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

TABLE D.12 USE AND REIMBURSEMENT FOR DRUGS EXCLUDED BY STATUTE FROM MEDICARE PART D AMONG DUALS PER BENEFIT MONTH, BY BENEFICIARY CHARACTERISTIC^{a,b} OKLAHOMA, 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	0.3	\$4	\$14	\$0	\$1	967,588
Age						
5 and younger	0.3	34	108	0	11	98
6-14	0.2	7	29	0	0	148
15-20	0.1	5	48	0	0	1,578
21-44	0.2	3	18	0	2	156,152
45-64	0.3	4	14	0	2	245,895
65-74	0.2	3	13	0	1	234,200
75-84	0.3	4	13	0	1	201,058
85 and older	0.4	5	13	0	1	128,459
Unknown	0.0	0	0	0	0	0
Basis of Eligibility	c					
Aged	0.3	4	13	0	1	554,586
Disabled	0.2	4	15	0	2	406,207
Adults	0.2	2	10	0	1	5,983
Children	0.2	3	19	0	1	328
Unknown	0.1	1	10	0	0	484
Gender						
Female	0.3	4	13	0	1	638,468
Male	0.2	3	15	0	1	329,120
Unknown	0.0	0	0	0	0	0
Race						
White	0.3	4	14	0	1	742,202
African American	0.2	3	14	0	1	119,634
Other/unknown	0.2	2	14	0	1	105,752
Use of Nursing Fa	cilitiesd					
Entire year	0.6	7	13	0	2	130,863
Part year	0.4	6	13	0	2	59,202
None	0.2	3	15	0	1	777,523
Maintenance Assi	stance Status					
Cash	0.2	2	14	0	1	388,723
Medically needy	0.0	0	0	0	0	0
Poverty related	0.2	2	13	0	1	231,743
Other/unknown	0.4	6	14	0	2	347,122

Source: Data for this table are from the MAX 2005 file for Oklahoma, released by CMS in 11/2008. 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 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; parbiturates; 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 OKLAHOMA, 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	47,983	\$74	\$3,551,088	100.0	256,498	\$14	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	23	26	598	0.0	50	12	0.0
Cough and cold medications	157	118	18,529	0.5	345	54	0.1
Vitamins and minerals	19,792	81	1,607,721	45.3	106,972	15	41.7
Non-prescription drugs	2,383	107	253,852	7.1	7,765	33	3.0
Barbiturates	870	66	57,724	1.6	8,010	7	3.1
Benzodiazepines	22,864	55	1,249,113	35.2	126,628	10	49.4
Other Part D Excl Rx Drugs	1,894	192	363,551	10.2	6,728	54	2.6

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^{a, b} OKLAHOMA, 2005

Total Number of Dual Eligible Beneficiaries: 91,755
Total Pharmacy Reimbursement for Dual Eligible Beneficiaries: \$250,751,351
Mean Pharmacy Reimbursement per Dual Eligible Beneficiary: \$2,732

Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	Percent of Dual Beneficiaries	Pharmacy Reimbursement	Percent of Total Pharmacy Reimbursement
\$0	9,474	10.3	\$0	0.0
1-500	16,070	17.5	3,311,075	1.3
501-1,000	9,794	10.7	7,254,183	2.9
1,001-1,500	8,215	9.0	10,215,820	4.1
1,501-2,000	7,026	7.7	12,254,490	4.9
2,001-2,500	6,235	6.8	14,003,183	5.6
2,501-3,000	5,469	6.0	15,008,150	6.0
3,001-3,500	4,794	5.2	15,560,522	6.2
3,501-4,000	3,939	4.3	14,740,065	5.9
4,001-4,500	3,332	3.6	14,124,855	5.6
4,501-5,000	2,719	3.0	12,882,046	5.1
5,001-5,500	2,364	2.6	12,394,117	4.9
5,501-6,000	1,823	2.0	10,477,933	4.2
6,001-6,500	1,570	1.7	9,798,082	3.9
6,501-7,000	1,229	1.3	8,299,877	3.3
7,001-7,500	1,025	1.1	7,421,278	3.0
7,501-8,000	819	0.9	6,344,386	2.5
8,001-8,500	754	0.8	6,219,285	2.5
8,501-9,000	667	0.7	5,826,840	2.3
9,001-9,500	554	0.6	5,125,764	2.0
9,501-10,000	418	0.5	4,075,546	1.6
10,001+	3,465	3.8	55,413,854	22.1

Source: Data for this table are from the MAX 2005 file for Oklahoma, released by CMS in 11/2008. 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 $65^{\rm a},\,{\rm b},\,{\rm c}$ OKLAHOMA, 2005

Total Number of Disabled Dual Eligible Beneficiaries, Age < 65: 36,669 Total Pharmacy Reimbursement for Disabled Dual Eligible Beneficiaries, Age < 65: \$117,173,729
Mean Pharmacy Reimbursement per Disabled Dual Eligible Beneficiary, Age < 65: \$3,195

		Percent of Disabled Dual Beneficiaries,		Percent of Total Pharmacy
Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	Age < 65	Pharmacy Reimbursement	Reimbursement
\$0	4,396	12.0	0	0.0
1-500	6,862	18.7	1,308,890	1.1
501-1,000	3,535	9.6	2,602,501	2.2
1,001-1,500	2,812	7.7	3,488,436	3.0
1,501-2,000	2,409	6.6	4,191,653	3.6
2,001-2,500	2,079	5.7	4,666,977	4.0
2,501-3,000	1,823	5.0	5,002,516	4.3
3,001-3,500	1,618	4.4	5,254,998	4.5
3,501-4,000	1,428	3.9	5,345,363	4.6
4,001-4,500	1,183	3.2	5,020,741	4.3
4,501-5,000	1,033	2.8	4,902,358	4.2
5,001-5,500	951	2.6	4,983,051	4.3
5,501-6,000	778	2.1	4,472,742	3.8
6,001-6,500	695	1.9	4,338,694	3.7
6,501-7,000	558	1.5	3,767,598	3.2
7,001-7,500	493	1.3	3,571,000	3.0
7,501-8,000	403	1.1	3,121,431	2.7
8,001-8,500	384	1.0	3,166,484	2.7
8,501-9,000	326	0.9	2,845,030	2.4
9,001-9,500	298	0.8	2,758,182	2.4
9,501-10,000	226	0.6	2,205,537	1.9
10,001+	2,379	6.5	40,159,547	34.3

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^{A, b} OKLAHOMA, 2005

Total Number of Dual Eligible Beneficiaries, Age 65+: 54,393

Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 65+: \$132,351,902

Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 65+: \$2,433

	F	Percent of Dual Beneficiaries, Age 65		Percent of Total Pharmacy
Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	+	Pharmacy Reimbursement	Reimbursement
\$0	4,929	9.1	0	0.0
1-500	9,018	16.6	1,966,408	1.5
501-1,000	6,184	11.4	4,596,479	3.5
1,001-1,500	5,349	9.8	6,659,872	5.0
1,501-2,000	4,579	8.4	7,995,094	6.0
2,001-2,500	4,124	7.6	9,263,306	7.0
2,501-3,000	3,616	6.6	9,922,689	7.5
3,001-3,500	3,150	5.8	10,221,617	7.7
3,501-4,000	2,491	4.6	9,319,933	7.0
4,001-4,500	2,136	3.9	9,048,784	6.8
4,501-5,000	1,676	3.1	7,932,013	6.0
5,001-5,500	1,405	2.6	7,369,249	5.6
5,501-6,000	1,033	1.9	5,936,032	4.5
6,001-6,500	874	1.6	5,453,012	4.1
6,501-7,000	668	1.2	4,512,092	3.4
7,001-7,500	530	1.0	3,835,601	2.9
7,501-8,000	414	0.8	3,207,476	2.4
8,001-8,500	367	0.7	3,028,112	2.3
8,501-9,000	338	0.6	2,955,347	2.2
9,001-9,500	253	0.5	2,340,081	1.8
9,501-10,000	192	0.4	1,870,009	1.4
10,001+	1,067	2.0	14,918,696	11.3

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^{a, b} OKLAHOMA, 2005

Total Number of Dual Eligible Beneficiaries, Age 65-74: 22,029

Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 65-74: \$53,240,638

Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 65-74: \$2,416

		Percent of Dual Beneficiaries, Age		Percent of Total Pharmacy
Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	65-74	Pharmacy Reimbursement	Reimbursement
\$0	2,565	11.6	0	0.0
1-500	3,814	17.3	795,002	1.5
501-1,000	2,318	10.5	1,720,665	3.2
1,001-1,500	2,000	9.1	2,490,604	4.7
1,501-2,000	1,802	8.2	3,150,972	5.9
2,001-2,500	1,619	7.3	3,635,324	6.8
2,501-3,000	1,357	6.2	3,725,688	7.0
3,001-3,500	1,256	5.7	4,071,409	7.6
3,501-4,000	911	4.1	3,406,376	6.4
4,001-4,500	837	3.8	3,546,545	6.7
4,501-5,000	659	3.0	3,118,500	5.9
5,001-5,500	568	2.6	2,982,317	5.6
5,501-6,000	375	1.7	2,154,108	4.0
6,001-6,500	309	1.4	1,926,349	3.6
6,501-7,000	255	1.2	1,723,201	3.2
7,001-7,500	198	0.9	1,432,959	2.7
7,501-8,000	155	0.7	1,200,410	2.3
8,001-8,500	142	0.6	1,173,843	2.2
8,501-9,000	134	0.6	1,171,733	2.2
9,001-9,500	109	0.5	1,007,903	1.9
9,501-10,000	92	0.4	897,118	1.7
10,001+	554	2.5	7,909,612	14.9

Source: Data for this table are from the MAX 2005 file for Oklahoma, released by CMS in 11/2008. 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 $84^{\rm A,\ b}$ OKLAHOMA, 2005

Total Number of Dual Eligible Beneficiaries, Age 75-84: 19,256

Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 75-84: \$48,264,048

Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 75-84: \$2,506

Anguel Dharmanu Daimhurannast na Danafisianu	Number of Denoficiaries Descent of Dual De	antiniarian Ann 75 04	Dharman Daimhurannat	Percent of Total Pharmacy
Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries Percent of Dual Ber		· · · · · · · · · · · · · · · · · · ·	Reimbursement
\$0	1,586	8.2	0	0.0
1-500	2,956	15.4	649,493	1.3
501-1,000	2,201	11.4	1,636,240	3.4
1,001-1,500	1,961	10.2	2,446,868	5.1
1,501-2,000	1,600	8.3	2,793,336	5.8
2,001-2,500	1,500	7.8	3,373,101	7.0
2,501-3,000	1,317	6.8	3,608,912	7.5
3,001-3,500	1,149	6.0	3,731,306	7.7
3,501-4,000	966	5.0	3,615,624	7.5
4,001-4,500	769	4.0	3,261,871	6.8
4,501-5,000	591	3.1	2,798,958	5.8
5,001-5,500	499	2.6	2,613,099	5.4
5,501-6,000	406	2.1	2,332,465	4.8
6,001-6,500	341	1.8	2,131,693	4.4
6,501-7,000	254	1.3	1,715,984	3.6
7,001-7,500	219	1.1	1,584,069	3.3
7,501-8,000	155	0.8	1,199,718	2.5
8,001-8,500	122	0.6	1,006,510	2.1
8,501-9,000	134	0.7	1,172,380	2.4
9,001-9,500	93	0.5	859,476	1.8
9,501-10,000	67	0.3	652,049	1.4
10,001+	370	1.9	5,080,896	10.5

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^{a, b} OKLAHOMA, 2005

Total Number of Dual Eligible Beneficiaries, Age 85+: 13,108

Total Pharmacy Reimbursement for Dual Eligible Beneficiaries, Age 85+: \$30,847,216

Mean Pharmacy Reimbursement per Dual Eligible Beneficiary, Age 85+: \$2,353

	F	Percent of Dual Beneficiaries, Age 85		Percent of Total Pharmacy
Annual Pharmacy Reimbursement per Beneficiary	Number of Beneficiaries	+	Pharmacy Reimbursement	Reimbursement
\$0	778	5.9	0	0.0
1-500	2,248	17.1	521,913	1.7
501-1,000	1,665	12.7	1,239,574	4.0
1,001-1,500	1,388	10.6	1,722,400	5.6
1,501-2,000	1,177	9.0	2,050,786	6.6
2,001-2,500	1,005	7.7	2,254,881	7.3
2,501-3,000	942	7.2	2,588,089	8.4
3,001-3,500	745	5.7	2,418,902	7.8
3,501-4,000	614	4.7	2,297,933	7.4
4,001-4,500	530	4.0	2,240,368	7.3
4,501-5,000	426	3.2	2,014,555	6.5
5,001-5,500	338	2.6	1,773,833	5.8
5,501-6,000	252	1.9	1,449,459	4.7
6,001-6,500	224	1.7	1,394,970	4.5
6,501-7,000	159	1.2	1,072,907	3.5
7,001-7,500	113	0.9	818,573	2.7
7,501-8,000	104	0.8	807,348	2.6
8,001-8,500	103	0.8	847,759	2.7
8,501-9,000	70	0.5	611,234	2.0
9,001-9,500	51	0.4	472,702	1.5
9,501-10,000	33	0.3	320,842	1.0
10,001+	143	1.1	1,928,188	6.3

Source: Data for this table are from the MAX 2005 file for Oklahoma, released by CMS in 11/2008. 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^{a, b} DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

	Number of Beneficiaries 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	91,755	53,507	37,441	710	31	66	967,588	554,586	406,207	5,983	328	484
Age												
5 and younger	10	0	8	0	2	0	98	0	87	0	11	0
6-14	14	0	11	0	3	0	148	0	112	0	36	0
15-20	148	0	136	3	9	0	1,578	0	1,479	18	81	0
21-44	14,521	0	14,099	398	13	11	156,152	0	152,712	3,200	156	84
45-64	22,669	8	22,415	208	2	36	245,895	85	243,640	1,888	24	258
65-74	22,029	21,203	752	54	1	19	234,200	225,531	8,051	468	8	142
75-84	19,256	19,201	16	38	1	0	201,058	200,596	111	339	12	0
85 and older	13,108	13,095	4	9	0	0	128,459	128,374	15	70	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Gender												
Female	60,350	39,546	20,188	538	12	66	638,468	413,139	220,088	4,626	131	484
Male	31,405	13,961	17,253	172	19	0	329,120	141,447	186,119	1,357	197	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0
Race												
White	70,690	41,958	28,160	502	21	49	742,202	430,809	306,590	4,224	216	363
African American	11,199	5,669	5,388	130	4	8	119,634	60,683	57,742	1,105	48	56
Other/unknown	9,866	5,880	3,893	78	6	9	105,752	63,094	41,875	654	64	65
Use of Nursing Facilities ^c												
Entire year	13,304	11,937	1,357	6	4	0	130,863	115,821	14,950	48	44	0
Part year	6,212	5,359	847	6	0	0	59,202	50,367	8,788	47	0	0
None	72,239	36,211	35,237	698	27	66	777,523	388,398	382,469	5,888	284	484
Maintenance Assistance Statu	ıs											
Cash	35,450	16,330	18,568	551	1	0	388,723	181,183	202,606	4,922	12	0
Medically needy	0	0	0	0	0	0	0	0	0	0	0	0
Poverty related	22,309	11,582	10,559	92	10	66	231,743	119,810	110,784	585	80	484
Other/unknown	33,996	25,595	8,314	67	20	0	347,122	253,593	92,817	476	236	0
Dual Status ^d												
Full dual, all year	84,495	48,814	34,910	674	31	66	888,360	503,515	378,416	5,617	328	484
Full dual, part year	7,260	4,693	2,531	36	0	0	79,228	51,071	27,791	366	0	0
Managed Care (MC) Status	,	,	,				,	,	ŕ			
Fee-for-service (FFS) all year	91,755	53,507	37,441	710	31	66	967,588	554,586	406,207	5,983	328	484
FFS part year, with Rx claims	0	0	0	0	0	0	0	0	0	0	0	0
FFS part year, no Rx claims	0	0	0	0	0	0	0	0	0	0	0	0
MC all year, with Rx claims	0	0	0	0	0	0	0	0	0	0	0	0
MC all year, no Rx claims	0	0	0	0	0	0	0	0	0	0	0	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.

are not consistent with basis or engionity.

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^a DUAL ELIGIBLE BENEFICIARIES, OKLAHOMA, 2005

Beneficiaries and Benefit Months in Cell F of Table 1 Included in Cell G of Table 1 Excluded from Cell G of Table 1 Number of Number of Number of Number of Number of Number of **Beneficiary Characteristics** Beneficiaries Benefit Months Beneficiaries Benefit Months Beneficiaries Benefit Months 967,588 91,755 967,588 ΑII 91,755 0 0 91,755 967,588 967,588 0 0 Fee-for-service (FFS) all year 91,755 FFS part year, with Rx claims 0 0 0 0 0 0 FFS part year, with no Rx claims 0 0 0 0 Managed care (MC) all year, with Rx claims 0 0 0 0 0 0 0 0 0 0 0 MC all year, with no Rx claims 0

Source: Data for this table are from the MAX 2005 file for Oklahoma, released by CMS in 11/2008. 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 Medicard Services; FFS = fee-for-service pharmacy benefit; MAX = Medicard Analytic Extract; MC = managed care; Rx = pharmacy benefit.