

Appendix B: Pharmaceutical Utilization Summary Reports

Chart 1: Top 25 Drugs by Number of Claims (7/01/2010 – 6/30/2011)

Drug	AHFS Therapeutic Class	Rx	Paid	Paid/Rx	% Total Claims
AMOXICILLIN	PENICILLINS	31,380	\$ 318,633.83	\$ 10.15	3.56%
AZITHROMYCIN	MACROLIDES	27,924	\$ 516,828.09	\$ 18.51	3.17%
HYDROCODONE-ACETAMINOPHEN	OPIATE AGONISTS	25,480	\$ 289,043.59	\$ 11.34	2.89%
LORAZEPAM	BENZODIAZEPINES (ANXIOLYTIC,SEDATIV/HYP)	15,423	\$ 134,249.66	\$ 8.70	1.75%
SINGULAIR	LEUKOTRIENE MODIFIERS	15,410	\$ 1,991,570.79	\$ 129.24	1.75%
CLONAZEPAM	BENZODIAZEPINES (ANTICONVULSANTS)	13,950	\$ 122,352.24	\$ 8.77	1.58%
OMEPRAZOLE	PROTON-PUMP INHIBITORS	13,835	\$ 235,221.18	\$ 17.00	1.57%
CETIRIZINE HCL	SECOND GENERATION ANTIHISTAMINES	12,083	\$ 230,277.01	\$ 19.06	1.37%
ALBUTEROL SULFATE	BETA-ADRENERGIC AGONISTS	11,489	\$ 203,932.08	\$ 17.75	1.30%
TRAMADOL HCL	OPIATE AGONISTS	10,603	\$ 121,138.51	\$ 11.42	1.20%
FLUOXETINE HCL	ANTIDEPRESSANTS	10,200	\$ 88,176.36	\$ 8.64	1.16%
CONCERTA	ANOREX.,RESPIR.,CEREBRAL STIMULANTS,MISC	10,022	\$ 1,839,243.86	\$ 183.52	1.14%
AMOX TR-POTASSIUM CLAVULANATE	PENICILLINS	9,664	\$ 282,224.22	\$ 29.20	1.10%
SERTRALINE HCL	ANTIDEPRESSANTS	9,617	\$ 84,095.76	\$ 8.74	1.09%
LEVOTHYROXINE SODIUM	THYROID AGENTS	9,492	\$ 85,418.52	\$ 9.00	1.08%
SULFAMETHOXAZOLE-TRIMETHOPRIM	SULFONAMIDES (SYSTEMIC)	9,385	\$ 83,965.31	\$ 8.95	1.07%
CEFDINIR	CEPHALOSPORINS	9,221	\$ 365,021.14	\$ 39.59	1.05%
CEPHALEXIN	CEPHALOSPORINS	9,004	\$ 111,020.37	\$ 12.33	1.02%
LORATADINE	SECOND GENERATION ANTIHISTAMINES	8,809	\$ 67,077.39	\$ 7.61	1.00%
VYVANSE	AMPHETAMINES	8,736	\$ 1,212,467.45	\$ 138.79	0.99%
TRAZODONE HCL	ANTIDEPRESSANTS	8,603	\$ 60,765.63	\$ 7.06	0.98%
VENTOLIN HFA	BETA-ADRENERGIC AGONISTS	8,300	\$ 315,344.01	\$ 37.99	0.94%
LISINOPRIL	ANGIOTENSIN-CONVERTING ENZYME INHIBITORS	7,920	\$ 52,598.38	\$ 6.64	0.90%
CITALOPRAM HBR	ANTIDEPRESSANTS	7,783	\$ 55,216.69	\$ 7.09	0.88%
METHYLPHENIDATE HCL	ANOREX.,RESPIR.,CEREBRAL STIMULANTS,MISC	7,498	\$ 1,069,976.44	\$ 142.70	0.85%
TOTAL TOP 25		311,831	\$ 9,935,858.51	\$ 31.86	35.40%
Total Rx Claims		880,888			

Chart 2: Top 25 Drugs by Total Cost of Claims (11/01/2010 – 10/31/2011)

Drug	AHFS Therapeutic Class	Rx	Paid	Paid/Rx	% Total Claims
ABILIFY	ANTIPSYCHOTIC AGENTS	5,914	\$ 2,678,747.92	\$ 452.95	0.67%
SINGULAIR	LEUKOTRIENE MODIFIERS	15,410	\$ 1,991,570.79	\$ 129.24	1.75%
SEROQUEL	ANTIPSYCHOTIC AGENTS	6,141	\$ 1,933,195.57	\$ 314.80	0.70%
CONCERTA	ANOREX.,RESPIR.,CEREBRAL STIMULANTS,MISC	10,022	\$ 1,839,243.86	\$ 183.52	1.14%
VYVANSE	AMPHETAMINES	8,736	\$ 1,212,467.45	\$ 138.79	0.99%
ZYPREXA	ANTIPSYCHOTIC AGENTS	1,754	\$ 1,202,421.87	\$ 685.53	0.20%
DEXTROAMPHETAMINE-AMPHETAMINE	AMPHETAMINES	6,984	\$ 1,192,025.76	\$ 170.68	0.79%
METHYLPHENIDATE HCL	ANOREX.,RESPIR.,CEREBRAL STIMULANTS,MISC	7,498	\$ 1,069,976.44	\$ 142.70	0.85%
ADVAIR DISKUS	ADRENALS	4,147	\$ 846,977.90	\$ 204.24	0.47%
INTUNIV	CENTRAL NERVOUS SYSTEM AGENTS, MISC.	4,981	\$ 740,451.79	\$ 148.66	0.57%
FOCALIN XR	ANOREX.,RESPIR.,CEREBRAL STIMULANTS,MISC	4,377	\$ 709,363.57	\$ 162.07	0.50%
STRATTERA	CENTRAL NERVOUS SYSTEM AGENTS, MISC.	4,254	\$ 699,438.14	\$ 164.42	0.48%
LANSOPRAZOLE	PROTON-PUMP INHIBITORS	5,756	\$ 629,353.59	\$ 109.34	0.65%
OXYCONTIN	OPIATE AGONISTS	1,933	\$ 619,855.39	\$ 320.67	0.22%
PULMOZYME	ENZYMES	248	\$ 599,244.55	\$ 2,416.31	0.03%
CYMBALTA	ANTIDEPRESSANTS	3,357	\$ 575,059.67	\$ 171.30	0.38%
GEODON	ANTIPSYCHOTIC AGENTS	1,363	\$ 550,820.43	\$ 404.12	0.15%
ADDERALL XR	AMPHETAMINES	2,407	\$ 532,905.15	\$ 221.40	0.27%
AZITHROMYCIN	MACROLIDES	27,924	\$ 516,828.09	\$ 18.51	3.17%
FLOVENT HFA	ADRENALS	3,825	\$ 486,523.80	\$ 127.20	0.43%
NOVOLOG	INSULINS	2,287	\$ 480,043.66	\$ 209.90	0.26%
INVEGA SUSTENNA	ANTIPSYCHOTIC AGENTS	382	\$ 451,642.01	\$ 1,182.31	0.04%
GENOTROPIN	PITUITARY	267	\$ 449,865.35	\$ 1,684.89	0.03%
XOPENEX	BETA-ADRENERGIC AGONISTS	2,765	\$ 448,152.20	\$ 162.08	0.31%
LEXAPRO	ANTIDEPRESSANTS	4,260	\$ 441,507.59	\$ 103.64	0.48%
TOTAL TOP 25		136,992	\$ 22,897,682.54	\$ 167.15	15.55%
Total Rx Claims		880,888			

Chart 3: Top 15 Therapeutic Classes by Number of Claims (11/01/2010 – 10/31/2011)

AHFS Therapeutic Class	Rx	Paid	Paid/Rx	% Total Claims
ANTIDEPRESSANTS	63,946	\$ 2,156,734.23	\$ 33.73	7.26%
OPIATE AGONISTS	58,863	\$ 1,781,833.54	\$ 30.27	6.68%
PENICILLINS	43,236	\$ 633,500.80	\$ 14.65	4.91%
BETA-ADRENERGIC AGONISTS	30,488	\$ 1,370,284.21	\$ 44.95	3.46%
ANTICONVULSANTS, MISCELLANEOUS	30,328	\$ 1,818,417.54	\$ 59.96	3.44%
MACROLIDES	29,855	\$ 583,222.04	\$ 19.54	3.39%
BENZODIAZEPINES (ANXIOLYTIC, SEDATIV/HYP)	29,501	\$ 395,586.99	\$ 13.41	3.35%
ANTIPSYCHOTIC AGENTS	28,459	\$ 8,491,022.64	\$ 298.36	3.23%
ANOREX., RESPIR., CEREBRAL STIMULANTS, MISC	27,101	\$ 4,360,727.37	\$ 160.91	3.08%
ADRENALS	26,932	\$ 2,499,921.52	\$ 92.82	3.06%
SECOND GENERATION ANTIHISTAMINES	26,702	\$ 492,574.03	\$ 18.45	3.03%
CEPHALOSPORINS	25,782	\$ 737,692.27	\$ 28.61	2.93%
PROTON-PUMP INHIBITORS	25,341	\$ 1,720,585.95	\$ 67.90	2.88%
AMPHETAMINES	21,094	\$ 3,057,016.95	\$ 144.92	2.39%
NONSTEROIDAL ANTI-INFLAMMATORY AGENTS	17,250	\$ 420,889.13	\$ 24.40	1.96%
TOTAL TOP 15	484,878	\$ 30,520,009.21	\$ 62.94	55.04%
Total Rx Claims	880,888			

Chart 4: Top 15 Therapeutic Classes by Total Cost of Claims (11/01/2010 – 10/31/2011)

AHFS Therapeutic Class	Rx	Paid	Paid/Rx	% Total Claims
ANTIPSYCHOTIC AGENTS	28,459	\$ 8,491,022.64	\$ 298.36	3.23%
ANOREX.,RESPIR.,CEREBRAL STIMULANTS,MISC	27,101	\$ 4,360,727.37	\$ 160.91	3.08%
AMPHETAMINES	21,094	\$ 3,057,016.95	\$ 144.92	2.39%
ADRENALS	26,932	\$ 2,499,921.52	\$ 92.82	3.06%
ANTIDEPRESSANTS	63,946	\$ 2,156,734.23	\$ 33.73	7.26%
LEUKOTRIENE MODIFIERS	15,458	\$ 1,995,529.15	\$ 129.09	1.75%
ANTICONVULSANTS, MISCELLANEOUS	30,328	\$ 1,818,417.54	\$ 59.96	3.44%
OPIATE AGONISTS	58,863	\$ 1,781,833.54	\$ 30.27	6.68%
CENTRAL NERVOUS SYSTEM AGENTS, MISC.	9,497	\$ 1,779,262.87	\$ 187.35	1.08%
PROTON-PUMP INHIBITORS	25,341	\$ 1,720,585.95	\$ 67.90	2.88%
INSULINS	8,005	\$ 1,474,211.53	\$ 184.16	0.91%
BETA-ADRENERGIC AGONISTS	30,488	\$ 1,370,284.21	\$ 44.95	3.46%
PITUITARY	2,369	\$ 1,027,244.03	\$ 433.62	0.27%
DISEASE-MODIFYING ANTIRHEUMATIC AGENTS	549	\$ 929,072.74	\$1,692.30	0.06%
ANTIRETROVIRALS	958	\$ 786,972.39	\$ 821.47	0.11%
TOTAL TOP 15	349,388	\$ 35,248,836.66	\$ 100.89	39.66%
Total Rx Claims	880,888			

Chart 5 A: Medicaid Pharmacy Monthly Utilization Statistics (6/10 – 2/11)

Statistic	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11
Total \$	\$5,142,230	\$4,705,853	\$4,460,367	\$5,758,220	\$4,756,525	\$4,537,886	\$6,005,116	\$4,608,941	\$5,049,261
Brand \$	\$3,643,575	\$3,291,092	\$3,139,836	\$3,968,181	\$3,281,702	\$3,072,869	\$4,103,300	\$3,239,965	\$3,557,695
Generic \$	\$1,498,655	\$1,414,761	\$1,320,531	\$1,790,039	\$1,474,824	\$1,465,016	\$1,901,816	\$1,368,976	\$1,491,566
Brand % of \$	70.9%	69.9%	70.4%	68.9%	69.0%	67.7%	68.3%	70.3%	70.5%
Generic % of \$	29.1%	30.1%	29.6%	31.1%	31.0%	32.3%	31.7%	29.7%	29.5%
Avg \$ per Brand Rx	\$264.91	\$267.12	\$262.58	\$256.88	\$263.49	\$262.08	\$272.41	\$194.44	\$185.21
Avg \$ per Generic Rx	\$25.40	\$25.31	\$25.01	\$25.02	\$25.29	\$25.88	\$25.42	\$25.35	\$24.42
Avg \$ per Rx	\$65.59	\$64.01	\$63.91	\$61.28	\$62.28	\$61.38	\$61.99	\$65.22	\$62.89
Total # of Rx	78,404	73,517	69,796	93,968	76,374	73,926	96,872	70,668	80,285
Brand Rx	19,411	17,617	16,987	22,416	18,052	17,315	22,044	16,663	19,209
Generic Rx	58,993	55,900	52,809	71,552	58,322	56,611	74,828	54,005	61,076
Brand % of Rx	24.8%	24.0%	24.3%	23.9%	23.6%	23.4%	22.8%	23.6%	23.9%
Generic % of Rx	75.2%	76.0%	75.7%	76.1%	76.4%	76.6%	77.2%	76.4%	76.1%
Recipients	113,614	113,274	113,607	113,765	113,630	113,948	114,429	114,767	114,708
Rx per Recipient	0.690	0.649	0.614	0.826	0.672	0.649	0.847	0.616	0.700
PMPM	\$45.26	\$41.54	\$39.26	\$50.62	\$41.86	\$39.82	\$52.48	\$40.16	\$44.02
Rx Users	25,310	24,809	26,313	27,792	27,729	27,536	28,025	28,437	29,432
Rx per User	3.1	3.0	2.7	3.4	2.8	2.7	3.5	2.5	2.7
\$ per User	\$203.17	\$189.68	\$169.51	\$207.19	\$171.54	\$164.80	\$214.28	\$162.08	\$171.56
% Users of Total Recips.	22.3%	21.9%	23.2%	24.4%	24.4%	24.2%	24.5%	24.8%	25.7%

Chart 5 B: Medicaid Pharmacy Monthly Utilization Statistics (3/11 – 10/11)

Statistic	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11
Total \$	\$6,622,560	\$5,125,212	\$5,009,672	\$6,068,402	\$4,438,244	\$5,949,501	\$5,458,755	\$4,526,241
Brand \$	\$4,652,540	\$3,628,246	\$3,522,089	\$4,293,083	\$3,164,918	\$4,147,023	\$3,898,145	\$3,150,570
Generic \$	\$1,970,019	\$1,496,966	\$1,487,583	\$1,775,318	\$1,273,326	\$1,802,477	\$1,560,610	\$1,375,670
Brand % of \$	70.3%	70.8%	70.3%	70.7%	71.3%	69.7%	71.4%	69.6%
Generic % of \$	29.7%	29.2%	29.7%	29.3%	28.7%	30.3%	28.6%	30.4%
Avg \$ per Brand Rx	\$188.28	\$198.64	\$199.04	\$210.61	\$209.50	\$201.87	\$205.57	\$198.39
Avg \$ per Generic Rx	\$24.26	\$24.59	\$25.25	\$25.83	\$25.25	\$25.92	\$24.44	\$25.30
Avg \$ per Rx	\$62.52	\$64.76	\$65.38	\$68.10	\$67.72	\$66.05	65.92	\$64.43
Total # of Rx	105,923	79,147	76,620	89,114	65,541	90,074	82,799	70,249
Brand Rx	24,711	18,265	17,695	20,384	15,107	20,543	18,962	15,881
Generic Rx	81,212	60,882	58,925	68,730	50,434	69,531	63,837	54,368
Brand % of Rx	23.3%	23.1%	23.1%	22.9%	23.0%	22.8%	22.9%	22.6%
Generic % of Rx	76.7%	76.9%	76.9%	77.1%	77.0%	77.2%	77.1%	77.4%
Recipients	115,356	115,076	115,158	115,143	115,045	115,461	115,677	115,542
Rx per Recipient	0.918	0.688	0.665	0.774	0.570	0.780	0.716	0.608
PMPM	\$57.41	\$44.54	\$43.50	\$52.70	\$38.58	\$51.53	\$47.19	\$39.17
Rx Users	32,103	28,869	23,122	24,953	24,441	26,424	26,608	27,875
Rx per User	3.3	2.7	3.3	3.6	2.7	3.4	3.1	2.5
\$ per User	\$206.29	\$177.53	\$216.66	\$243.19	\$181.59	\$225.16	\$205.15	\$162.38
% Users of Total Recips.	27.8%	25.1%	20.1%	21.7%	21.2%	22.9%	23.0%	24.1%