

Fiscal Year 2010 Annual Review of Antidepressants PBPA Category

Oklahoma Health Care Authority
April 2011

Prior Authorization of Antidepressants

Tier-2 Authorization Criteria

1. A documented, recent (within 6 months) trial of a Tier 1 medication at least 4 weeks in duration and titrated to recommended dosing, that did not provide an adequate response. Tier 1 selection can be from any classification.
2. Prior stabilization on the Tier 2 medication documented within the last 100 days. A past history of success on the Tier 2 medication will also be considered with adequate documentation.
3. A unique FDA-approved indication not covered by Tier 1 products or other products from a different therapeutic class.
4. A petition may be submitted for consideration whenever a unique member specific situation exists.

Tier-3 Authorization Criteria

1. A documented, recent (within 6 months) trial with a Tier 1 and a Tier 2 medication at least 4 weeks in duration and titrated to recommended dose, that did not provide an adequate response. Tier 1 and Tier 2 selection can be from any classification.
2. Prior stabilization on the Tier 3 medication documented within the last 100 days. A past history of success on the Tier 3 medication will also be considered with adequate documentation.
3. A unique FDA-approved indication not covered by a lowered tiered product or other products from a different therapeutic class.
4. A petition may be submitted for consideration whenever a unique member specific situation exists.

SSRIs (Selective Serotonin Reuptake Inhibitors)		
Tier-1	Tier-2	Tier-3
citalopram (Celexa®)	fluvoxamine (Luvox CR®)	
fluoxetine (Prozac®, Sarafem®)	fluoxetine (Prozac Weekly™)	
fluvoxamine (Luvox®)	escitalopram (Lexapro®)	
paroxetine (Paxil®, Paxil CR®)	paroxetine (Pexeva®)	
sertraline (Zoloft®)		
Dual Acting Antidepressants		
Tier-1	Tier-2	Tier-3
bupropion (Wellbutrin®, Wellbutrin SR®, Wellbutrin XL®)	Venlafaxine ER Tabs®	Venlafaxine (Effexor XR® Caps)
mirtazapine (Remeron® Tabs & SolTab®)		desvenlafaxine (Pristiq®)
trazodone (Desyrel®)		nefazodone ⁺ (Serzone®)
venlafaxine (Effexor®)		bupropion (Aplenzin®)
		duloxetine (Cymbalta®)
		trazodone ER (Oleptro®)
Monoamine Oxidase Inhibitors		
Tier-1	Tier-2	Tier-3
		selegiline transderm patch (Emsam®)
		tranylcypromine (Parnate®)
		phenelzine (Nardil®)
		selegiline (Zelapar®)

Mandatory generic plan applies

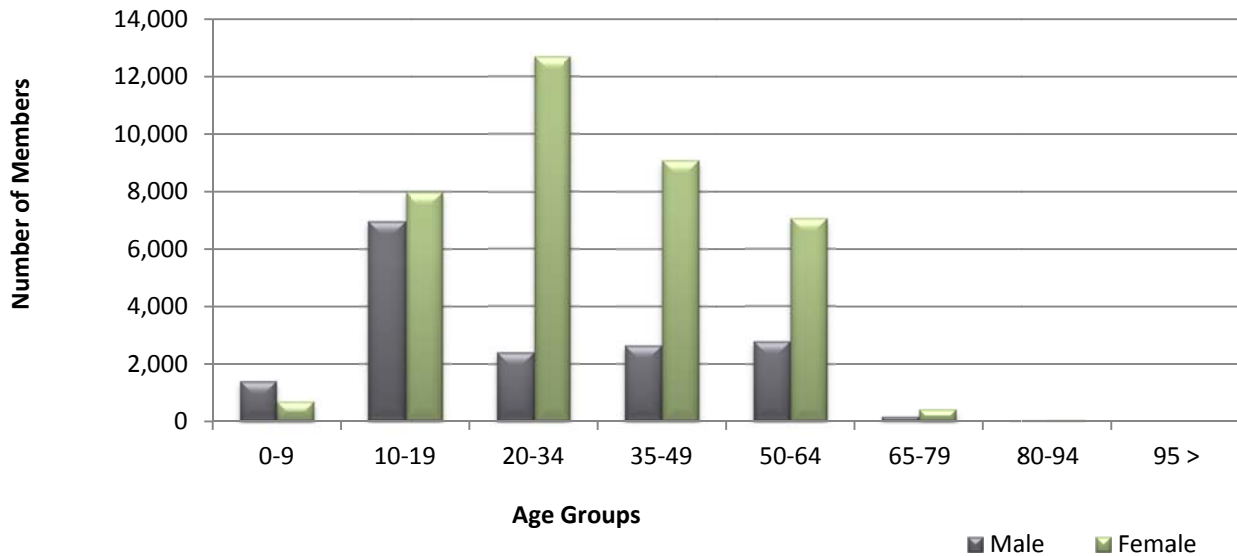
Tiers based on FY2010 Supplemental Rebate participation

Utilization of Antidepressant Medications

Fiscal Year Comparison

Fiscal Year	Total Members	Total Claims	Total Cost	Cost/Claim	Cost/Day	Total Units	Total Days
2009	47,030	240,896	\$8,881,400.48	\$36.87	\$1.12	9,567,951	7,933,548
2010	54,410	277,096	\$8,420,444.10	\$30.39	\$0.92	10,960,284	9,113,688
% Change	15.70%	15.00%	-5.20%	-17.60%	-17.90%	14.60%	14.90%
Change	7,380	36,200	-\$460,956.38	-\$6.48	-\$0.20	1,392,333	1,180,140

Demographics of Members Utilizing Antidepressant Medications: FY 2010



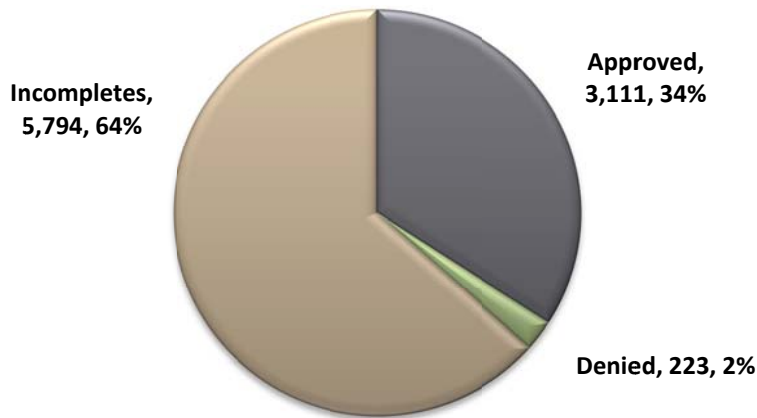
Top Prescribers of Antidepressant Medications: FY 2010

Specialty	Amount Paid	Claims
Psychiatrist	\$2,525,848.50	81,063
Family Practitioner	\$2,188,729.73	68,368
Nurse Practitioner (Other)	\$601,678.40	20,391
Physician Assistant	\$483,139.79	17,644
General Practitioner	\$560,306.48	16,313
Internist	\$557,993.63	15,793
General Pediatrician	\$287,828.30	15,345
OHCA Non-Contracted Prescriber	\$329,779.35	12,531
DDSD-NFM	\$396,990.08	12,489
Obstetrician/Gynecologist	\$110,796.64	6,105

Prior Authorization of Antidepressant Medications

There are two types of computer edits implemented at the point of sale for the antidepressant category. One edit detects stabilization on a Tier 2 medication via recent continuous claims for the Tier 2 medication, in which case, the medication would be grandfathered for that member. The other edit detects a Tier 1 medication in the claims history according to criteria, in which case, a prior authorization is automatically generated for that member, and the claim is paid. If the edits detects neither, then a manual prior authorization is required. In addition to these automated processes, there were a total of 7,862 petitions submitted manually for this PBPA category during fiscal year 2010.

Status of Petitions for Antidepressant Medications: FY 2010



Market News and Update

Anticipated Patent Expirations:

- Effexor XR® Caps – 2013, some sources say 2011
- Cymbalta® – 2013
- Lexapro® – 2012

Vilazodone is a novel dual-acting treatment for major depressive disorder that combines serotonin reuptake inhibition with a partial 5-hydroxytryptamine_{1A} receptor agonist. It is anticipated to be marketed by Clinical Data, Inc. towards the end of the 2nd quarter of 2011 under the trade name Viibryd®.

Conclusion and Recommendation

The College of Pharmacy recommends continued monitoring of this category.

Utilization Details of Antidepressant Medications

MEDICATIONS	CLAIMS	MEMBERS	COST	UNITS/ DAY	CLAIMS/ MEMBER	COST/ DAY	PERCENT COST
MIRTAZAPINE TAB 7.5MG	48	25	\$475.78	0.99	1.92	\$0.36	0.01%
MIRTAZAPINE TAB 15MG	6,199	2,082	\$62,506.22	0.94	2.98	\$0.32	0.74%
MIRTAZAPINE TAB 30MG	4,840	1,392	\$56,069.26	1.01	3.48	\$0.35	0.67%
MIRTAZAPINE TAB 45MG	1,573	388	\$21,883.75	1.03	4.05	\$0.41	0.26%
MIRTAZAPINE TAB 15MG ODT	228	97	\$7,542.93	0.98	2.35	\$1.03	0.09%
MIRTAZAPINE TAB 30MG ODT	227	73	\$8,662.05	1.04	3.11	\$1.10	0.10%
MIRTAZAPINE TAB 45MG ODT	60	20	\$2,505.94	1.00	3.00	\$1.14	0.03%
Subtotal	13,175		\$159,645.93	1.00	2.98	\$0.37	1.90%
NEFAZODONE TAB 50MG	12	1	\$520.53	3.01	12.00	\$1.41	0.01%
NEFAZODONE TAB 100MG	12	4	\$336.85	1.95	3.00	\$0.92	0.00%
NEFAZODONE TAB 150MG	37	7	\$1,506.75	2.58	5.29	\$1.27	0.02%
NEFAZODONE TAB 200MG	41	7	\$1,621.16	2.00	5.86	\$1.02	0.02%
NEFAZODONE TAB 250MG	6	1	\$106.91	1.00	6.00	\$0.59	0.00%
Subtotal	108		\$4,092.20	2.11	6.43	\$1.11	0.05%
TRAZODONE TAB 50MG	18,618	6,223	\$118,935.30	1.23	2.99	\$0.20	1.41%
TRAZODONE TAB 100MG	15,916	4,794	\$124,211.11	1.37	3.32	\$0.24	1.48%
TRAZODONE TAB 150MG	9,618	2,758	\$99,847.09	1.31	3.49	\$0.32	1.19%
TRAZODONE TAB 300MG	406	104	\$45,416.11	0.99	3.90	\$3.25	0.54%
Subtotal	44,558		\$388,409.61	1.23	3.43	\$0.27	4.62%
CITALOPRAM TAB 10MG	5,334	2,102	\$39,588.80	1.05	2.54	\$0.24	0.47%
CITALOPRAM TAB 20MG	27,258	10,449	\$194,136.55	1.09	2.61	\$0.21	2.31%
CITALOPRAM TAB 40MG	17,366	5,193	\$126,763.03	1.07	3.34	\$0.21	1.51%
CITALOPRAM SOL 10MG/5ML	107	25	\$6,373.76	9.17	4.28	\$2.41	0.08%
Subtotal	50,065		\$366,862.14	3.10	3.19	\$0.22	4.37%
LEXAPRO TAB 5MG	135	45	\$12,682.72	1.04	3.00	\$2.95	0.15%
LEXAPRO TAB 10MG	5,870	1,579	\$595,004.91	1.02	3.72	\$3.08	7.07%
LEXAPRO TAB 20MG	8,669	1,852	\$962,852.74	1.03	4.68	\$3.24	11.43%
LEXAPRO 20MG TAB	3	2	\$12.38	0.01	1.50	\$0.13	0.00%
LEXAPRO SOL 5MG/5ML	26	6	\$3,376.73	7.42	4.33	\$4.36	0.04%
Subtotal	14,703		\$1,573,929.48	2.10	3.45	\$3.17	18.69%
FLUOXETINE CAP 10MG	6,760	2,397	\$50,457.92	1.17	2.82	\$0.24	0.60%
FLUOXETINE CAP 20MG	24,928	7,855	\$210,388.57	1.41	3.17	\$0.26	2.50%
PROZAC CAP 20MG	28	4	\$13,820.15	2.39	7.00	\$13.82	0.16%
FLUOXETINE 20MG CAP	3	2	\$44.72	3.00	1.50	\$0.50	0.00%
FLUOXETINE CAP 40MG	5,538	1,802	\$99,247.70	1.03	3.07	\$0.50	1.18%
PROZAC CAP 40MG	1	1	\$667.43	2.00	1.00	\$22.25	0.01%
FLUOXETINE TAB 10MG	1,192	504	\$9,426.96	1.04	2.37	\$0.26	0.11%
FLUOXETINE TAB 20MG	254	133	\$5,396.37	1.17	1.91	\$0.69	0.06%
FLUOXETINE SOL 20MG/5ML	631	169	\$11,219.73	4.04	3.73	\$0.61	0.13%
PROZAC WEEKL CAP 90MG	100	12	\$12,111.42	0.14	8.33	\$4.22	0.14%
FLUOXETINE CAP 90MG DR	4	2	\$441.24	0.14	2.00	\$3.80	0.01%
Subtotal	39,439		\$413,222.21	1.59	3.35	\$0.32	4.90%
FLUVOXAMINE TAB 25MG	239	68	\$3,630.17	1.07	3.51	\$0.50	0.04%
FLUVOXAMINE TAB 50MG	872	196	\$15,310.52	1.33	4.45	\$0.58	0.18%
FLUVOXAMINE TAB 100MG	1,426	218	\$31,275.88	1.94	6.54	\$0.71	0.37%
LUVOX CR CAP 100MG	65	18	\$11,361.77	1.32	3.61	\$5.83	0.13%
LUVOX CR CAP 150MG	53	14	\$12,639.63	1.72	3.79	\$7.46	0.15%
Subtotal	2,655		\$74,217.97	1.48	4.38	\$0.91	0.87%
PAROXETINE TAB 10MG	1,970	801	\$18,670.49	0.99	2.46	\$0.29	0.22%
PAROXETINE TAB 20MG	7,599	3,019	\$77,732.44	0.99	2.52	\$0.29	0.92%
PAXIL TAB 20MG	6	3	\$1,104.90	1.00	2.00	\$3.56	0.01%
PAROXETINE TAB 30MG	1,828	454	\$25,325.21	1.21	4.03	\$0.41	0.30%
PAXIL TAB 30MG	8	1	\$1,743.20	2.00	8.00	\$7.26	0.02%
PAROXETINE TAB 40MG	4,843	1,239	\$60,853.60	1.04	3.91	\$0.36	0.72%
PAXIL TAB 40MG	13	2	\$1,971.65	1.00	6.50	\$3.90	0.02%

MEDICATIONS (cont'd)	CLAIMS	MEMBERS	COST	UNITS/ DAY	CLAIMS/ MEMBER	COST/ DAY	PERCENT COST
PAROXETINE SUS 10MG/5ML	79	27	\$9,509.55	7.79	2.93	\$4.12	0.11%
PAXIL SUS 10MG/5ML	4	2	\$367.37	4.62	2.00	\$3.47	0.00%
PAROXETIN ER TAB 12.5MG	309	107	\$31,201.02	1.00	2.89	\$2.93	0.37%
PAXIL CR TAB 12.5MG	45	11	\$5,664.49	1.00	4.09	\$3.56	0.07%
PAROXETINE TAB 25MG ER	939	232	\$108,095.14	1.08	4.05	\$3.38	1.28%
PAXIL CR TAB 25MG	42	18	\$4,661.53	1.00	2.33	\$3.70	0.06%
PAROXETIN ER TAB 37.5MG	507	118	\$59,711.80	1.02	4.30	\$3.28	0.71%
PAXIL CR TAB 37.5MG	49	23	\$6,268.10	1.18	2.13	\$4.26	0.07%
PEXEVA TAB 10MG	10	2	\$1,482.45	1.00	5.00	\$4.94	0.02%
PEXEVA TAB 20MG	35	17	\$6,385.52	1.00	2.06	\$5.11	0.08%
PEXEVA TAB 30MG	3	1	\$482.87	1.00	3.00	\$5.37	0.01%
PEXEVA TAB 40MG	45	13	\$9,669.57	1.00	3.46	\$5.51	0.11%
Subtotal	18,334		\$430,900.90	1.63	3.56	\$0.68	5.10%
SERTRALINE TAB 25MG	5,569	2,028	\$43,685.40	1.05	2.75	\$0.26	0.52%
ZOLOFT TAB 25MG	2	1	\$346.68	1.89	2.00	\$5.59	0.00%
SERTRALINE TAB 50MG	20,033	7,384	\$161,309.32	1.06	2.71	\$0.25	1.92%
SERTRALINE TAB 100MG	21,844	5,406	\$193,009.29	1.28	4.04	\$0.26	2.29%
ZOLOFT TAB 100MG	24	4	\$3,391.78	1.34	6.00	\$4.67	0.04%
SERTRALINE CON 20MG/ML	207	71	\$9,438.28	2.97	2.92	\$1.50	0.11%
Subtotal	47,679		\$411,180.75	1.60	3.40	\$0.26	4.88%
PRISTIQ TAB 50MG	492	146	\$62,310.46	1.00	3.37	\$3.92	0.74%
PRISTIQ TAB 100MG	276	72	\$36,094.77	1.03	3.83	\$3.96	0.43%
Subtotal	768		\$98,405.23	1.02	3.60	\$3.93	1.17%
CYMBALTA CAP 20MG	284	83	\$47,195.84	1.39	3.42	\$5.45	0.56%
CYMBALTA CAP 30MG	2,207	588	\$401,888.01	1.23	3.75	\$5.47	4.77%
CYMBALTA 30MG CAP	8	1	\$1,071.38	1.00	8.00	\$4.46	0.01%
CYMBALTA CAP 60MG	7,832	1,519	\$1,360,021.91	1.10	5.16	\$4.88	16.15%
Subtotal	10,331		\$1,810,177.14	1.18	5.08	\$5.01	21.49%
VENLAFAXINE TAB 25MG	148	68	\$4,472.40	1.90	2.18	\$0.99	0.05%
VENLAFAXINE TAB 37.5MG	1,420	684	\$39,677.61	1.72	2.08	\$0.91	0.47%
VENLAFAXINE TAB 50MG	224	104	\$7,367.14	1.95	2.15	\$1.05	0.09%
VENLAFAXINE TAB 75MG	3,429	1,229	\$224,750.97	1.84	2.79	\$2.09	2.67%
VENLAFAXINE TAB 100MG	380	145	\$16,750.92	2.24	2.62	\$1.40	0.20%
EFFEXOR XR CAP 37.5MG	251	68	\$31,617.65	1.01	3.69	\$4.05	0.38%
EFFEXOR XR CAP 75MG	1,675	429	\$284,013.80	1.04	3.90	\$4.59	3.37%
EFFEXOR XR CAP 150MG	4,196	758	\$897,390.42	1.29	5.54	\$6.16	10.66%
VENLAFAXINE TAB 37.5 ER	149	85	\$12,790.07	1.00	1.75	\$3.28	0.15%
VENLAFAXINE TAB 75MG ER	743	307	\$90,513.85	1.00	2.42	\$3.56	1.07%
VENLAFAXINE TAB 150MG ER	1,085	368	\$170,411.34	1.18	2.95	\$4.60	2.02%
VENLAFAXINE TAB 225MG ER	336	94	\$89,724.57	1.01	3.57	\$7.34	1.07%
Subtotal	14,036		\$1,869,480.74	1.43	2.97	\$3.99	22.20%
BUPROPION TAB 75MG	939	314	\$13,670.34	1.53	2.99	\$0.47	0.16%
BUPROPION TAB 100MG	1,216	514	\$21,672.08	1.93	2.37	\$0.58	0.26%
BUPROPION TAB 100MG SR	1,081	415	\$30,380.54	1.43	2.60	\$0.91	0.36%
BUDEPRION TAB 100MG SR	131	58	\$3,970.32	1.64	2.26	\$0.96	0.05%
WELLBUTRIN TAB 100MG SR	1	1	\$94.05	1.00	1.00	\$3.13	0.00%
BUPROPION TAB 150MG SR	5,437	1,940	\$165,082.22	1.69	2.80	\$0.96	1.96%
BUDEPRION TAB 150MG SR	1,289	575	\$37,715.57	1.66	2.24	\$0.94	0.45%
WELLBUTRIN TAB 150MG SR	11	2	\$2,187.18	1.91	5.50	\$6.67	0.03%
BUPROPION TAB 200MG SR	545	135	\$27,876.88	1.48	4.04	\$1.58	0.33%
WELLBUTRIN TAB 200MG SR	2	1	\$766.40	2.00	2.00	\$12.77	0.01%
BUPROPN HCL TAB 150MG XL	3,534	1,426	\$177,023.66	1.02	2.48	\$1.54	2.10%
BUDEPRION XL TAB 150MG	1,360	596	\$90,391.45	1.03	2.28	\$2.04	1.07%
WELLBUTRIN TAB XL 150MG	4	1	\$357.84	1.00	4.00	\$5.96	0.00%
BUPROPN HCL TAB 300MG XL	4,029	1,094	\$168,254.18	1.00	3.68	\$1.23	2.00%
BUDEPRION XL TAB 300MG	1,637	477	\$72,151.41	1.00	3.43	\$1.27	0.86%
WELLBUTRIN TAB XL 300MG	18	3	\$4,772.67	1.00	6.00	\$7.62	0.06%
APLENZIN TAB 174MG	1	1	\$151.46	1.00	1.00	\$5.05	0.00%

MEDICATIONS (cont'd)	CLAIMS	MEMBERS	COST	UNITS/ DAY	CLAIMS/ MEMBER	COST/ DAY	PERCENT COST
APLENZIN TAB 348MG	4	1	\$753.27	1.00	4.00	\$6.28	0.01%
APLENZIN TAB 522MG	6	2	\$2,648.28	1.00	3.00	\$14.71	0.03%
Subtotal	21,245		\$819,919.80	1.33	3.04	\$1.19	9.74%
TOTALS	277,096	54,410*	\$8,420,444.10	1.20	5.09	\$0.92	100.00%

*Total number of unduplicated members.