



**Addiction and Prevention Services  
State Quality Committee**

**All Regions AAPS Funded:**

**Hospital Detoxification and Higher Levels of Care Utilization**

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Year to Date
<b><u>TOTAL FOR: LEVEL III.1 - RESIDENTIAL REINTEGRATION</u></b>					
Admissions	288	231	220	276	1,015
Days Claimed	8,094	6,163	5,892	7,699	27,848
Average Length of Stay	28.10	26.68	26.78	27.89	27.44
<b><u>LEVEL III.2D - RESIDENTIAL SOCIAL DETOX - ADULT</u></b>					
Admissions	693	650	742	699	2,784
Days Claimed	1,899	1,811	2,043	1,883	7,636
Average Length of Stay	2.74	2.79	2.75	2.69	2.74
<b><u>LEVEL III.2D - RESIDENTIAL SOCIAL DETOX - ADOLESCENT</u></b>					
Admissions	0	0	2	1	3
Days Claimed			4	3	7
Average Length of Stay			2.00	3.00	2.33
<b><u>TOTAL FOR: LEVEL III.2D - RESIDENTIAL SOCIAL DETOX</u></b>					
Admissions	693	650	744	700	2,787
Days Claimed	1,899	1,811	2,047	1,886	7,643
Average Length of Stay	2.74	2.79	2.75	2.69	2.74
<b><u>TOTAL FOR: LEVEL III.3 - RESIDENTIAL ADULT INTERMEDIATE</u></b>					
Admissions	539	482	536	563	2,120
Days Claimed	9,591	8,557	10,127	10,687	38,962
Average Length of Stay	17.79	17.75	18.89	18.98	18.38
<b><u>TOTAL FOR: LEVEL III.5 - RESIDENTIAL ADOLESCENT INTERMEDIATE</u></b>					
Admissions	11	2	13	20	46
Days Claimed	288	53	318	493	1,152
Average Length of Stay	26.18	26.50	24.46	24.65	25.04
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<b><u>Region Total - AAPS - All Regions</u></b>					
Admissions	1,531	1,365	1,513	1,559	5,968
Days Claimed	19,872	16,584	18,384	20,765	75,605
Average Length of Stay	12.98	12.15	12.15	13.32	12.67

## Addiction and Prevention Services State Quality Committee

### All Regions Medicaid:

#### Hospital Detoxification and Higher Levels of Care Utilization

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Year to Date
<b>Unduplicated Covered Lives:</b>	226,660	257,564	284,949	306,269	316,645
<b><u>LEVEL III.1 - RESIDENTIAL REINTEGRATION - ADULT</u></b>					
Admissions	83	78	63	64	288
Days Claimed	2,115	1,724	1,620	1,618	7,077
Admissions/1000 Lives	0.37	0.30	0.22	0.21	0.91
Days/1000 Lives	9.33	6.69	5.69	5.28	22.35
Average Length of Stay	25.48	22.10	25.71	25.28	24.57
<b><u>LEVEL III.1 - RESIDENTIAL REINTEGRATION - ADOLESCENT</u></b>					
Admissions	0	1	0	0	1
Days Claimed		8			8
Admissions/1000 Lives		0.00			0.00
Days/1000 Lives		0.03			0.03
Average Length of Stay		8.00			8.00
<b><u>TOTAL FOR: LEVEL III.1 - RESIDENTIAL REINTEGRATION</u></b>					
Admissions	83	79	63	64	289
Days Claimed	2,115	1,732	1,620	1,618	7,085
Admissions/1000 Lives	0.37	0.31	0.22	0.21	0.91
Days/1000 Lives	9.33	6.72	5.69	5.28	22.38
Average Length of Stay	25.48	21.92	25.71	25.28	24.52
<b><u>TOTAL FOR: LEVEL III.3 - RESIDENTIAL ADULT INTERMEDIATE</u></b>					
Admissions	222	179	183	217	801
Days Claimed	3,571	3,131	3,091	3,561	13,354
Admissions/1000 Lives	0.98	0.69	0.64	0.71	2.53
Days/1000 Lives	15.75	12.16	10.85	11.63	42.17
Average Length of Stay	16.09	17.49	16.89	16.41	16.67
<b><u>TOTAL FOR: LEVEL III.5 - RESIDENTIAL ADOLESCENT INTERMEDIATE</u></b>					
Admissions	44	50	34	30	158
Days Claimed	1,044	1,172	756	696	3,668
Admissions/1000 Lives	0.19	0.19	0.12	0.10	0.50
Days/1000 Lives	4.61	4.55	2.65	2.27	11.58
Average Length of Stay	23.73	23.44	22.24	23.20	23.22
<b><u>TOTAL FOR: LEVEL IV - DETOXIFICATION SERVICES IN HOSPITAL SETTING</u></b>					
Admissions	15	9	10	2	36
Days Claimed	56	43	32	10	141
Admissions/1000 Lives	0.07	0.03	0.04	0.01	0.11
Days/1000 Lives	0.25	0.17	0.11	0.03	0.45
Average Length of Stay	3.73	4.78	3.20	5.00	3.92

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### LEVEL IV - HOSPITAL BASED ADDICTION OTHER SERVICES - ADULT

Admissions	76	66	56	46	244
Days Claimed	214	221	191	144	770
Admissions/1000 Lives	0.34	0.26	0.20	0.15	0.77
Days/1000 Lives	0.94	0.86	0.67	0.47	2.43
Average Length of Stay	2.82	3.35	3.41	3.13	3.16

### LEVEL IV - HOSPITAL BASED ADDICTION OTHER SERVICES - ADOLESCENT

Admissions	1	2	1	0	4
Days Claimed	6	13	1		20
Admissions/1000 Lives	0.00	0.01	0.00		0.01
Days/1000 Lives	0.03	0.05	0.00		0.06
Average Length of Stay	6.00	6.50	1.00		5.00

### TOTAL FOR: LEVEL IV - HOSPITAL BASED ADDICTION OTHER SERVICES

Admissions	77	68	57	46	248
Days Claimed	220	234	192	144	790
Admissions/1000 Lives	0.34	0.26	0.20	0.15	0.78
Days/1000 Lives	0.97	0.91	0.67	0.47	2.49
Average Length of Stay	2.86	3.44	3.37	3.13	3.19

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### Region Total - Medicaid - All Regions

Admissions	441	385	347	359	1,532
Days Claimed	7,006	6,312	5,691	6,029	25,038
Admissions/1000 Lives	1.95	1.49	1.22	1.17	4.84
Days/1000 Lives	30.91	24.51	19.97	19.69	79.07
Average Length of Stay	15.89	16.39	16.40	16.79	16.34

## Addiction and Prevention Services State Quality Committee

### Summary Table: Detail by Region and Funding Source\*: ALOS=Average Length of Stay in days



Kansas Department of Social and Rehabilitation Services

Over/Under Utilization - Admissions & Average Length of Stay Summary by Region (High Levels of Care Only)

07/01/2010 - 06/30/2011

**ATTESTATION:**

I attest, based on my best knowledge, information and belief that the data and/or documents pertaining to Medicaid and the SAPT block grant comprising this report are accurate, complete, and truthful, as of

*Margaret D. Elmsch*

09/07/2011

CEO, ValueOptions of Kansas

Date

	Kansas City				Northeast				South Central				Southeast				West				Wichita				Total			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>AAPS Counts</b>																												
Admissions (minus SD)	202	151	168	192	150	151	174	190	120	78	108	122	82	91	91	90	108	111	117	127	175	131	109	137	837	713	767	858
ALOS (minus SD)	21.22	21.00	21.81	22.22	21.01	21.39	18.56	20.55	23.50	21.73	23.15	24.16	21.98	19.19	21.42	19.22	21.62	22.38	23.44	25.40	20.33	18.51	20.32	20.06	21.45	20.69	21.25	21.94
Social Detox Services Admissions	353	308	314	303	155	153	181	167	37	35	39	47	38	29	37	45	52	36	62	45	56	88	110	92	691	649	743	699
Social Detox Services ALOS	2.73	2.74	2.70	2.59	2.57	2.91	2.83	2.61	3.11	2.77	2.92	3.04	2.63	2.45	2.41	2.67	2.87	3.22	3.11	3.51	3.02	2.67	2.61	2.63	2.74	2.79	2.75	2.70
"Other" Admissions (minus SD)																									1	2	2	1
"Other" Social Detox Services Admissions																									2	1	1	1
<b>Medicaid Counts</b>																												
Admissions (minus HBS)	74	65	66	48	70	66	74	49	47	48	41	47	41	44	15	31	37	21	20	49	80	64	64	87	349	308	280	311
ALOS (minus HBS)	17.55	19.34	18.77	20.65	16.83	19.38	19.27	16.94	23.02	19.77	20.56	17.60	18.95	17.73	27.60	17.90	25.30	24.57	25.75	25.94	18.23	19.50	16.09	16.10	19.28	19.59	19.53	18.89
Hospital Based Services Admissions	32	17	18	14	19	22	13	12	5	8	8	3	7	10	13	5	10	4	5	3	19	16	10	11	92	77	67	48
Hospital Based Services ALOS	3.31	5.24	2.78	4.14	3.05	3.09	2.62	3.25	2.40	3.25	2.88	2.67	3.57	3.40	4.62	2.40	3.00	3.50	3.00	2.33	2.37	2.88	4.20	2.73	3.00	3.60	3.34	3.21
<b>AAPS Totals (all counts include "Other" admits and days)</b>														<b>Medicaid Totals</b>														
	Admits (no SD)	ALOS (no SD)	SD Admits	SD ALOS	"Other" (no SD)	"Other" SD	Total Admits / Days															Admits (no HBS)	ALOS (no HBS)	HBS Admits	HBS ALOS	Total Admits / Days		
FY 2011 Totals	3,181	21.36	2,787	2.74	6	5	5,968 / 75,605															1,248	19.32	284	3.28	1,532 / 25,038		
FY 2010 Totals *	3,514	21.30	2,445	2.83	2	3	5,959 / 81,768															1,291	18.98	322	3.59	1,613 / 25,656		
FY 2009 Totals *	3,740	22.60	2,387	2.82	5	3	6,127 / 91,277															1,156	20.88	256	3.15	1,412 / 24,943		
FY 2008 Totals *	4,275	25.48	2,353	3.43	9	5	6,628 / 116,973															1,260	24.52	212	3.88	1,472 / 31,723		

\* Previous fiscal year totals pull from similar date ranges as the current fiscal year. For example, if the current fiscal year only includes quarters 1 and 2, the previous fiscal year totals will only pull quarters 1 and 2.

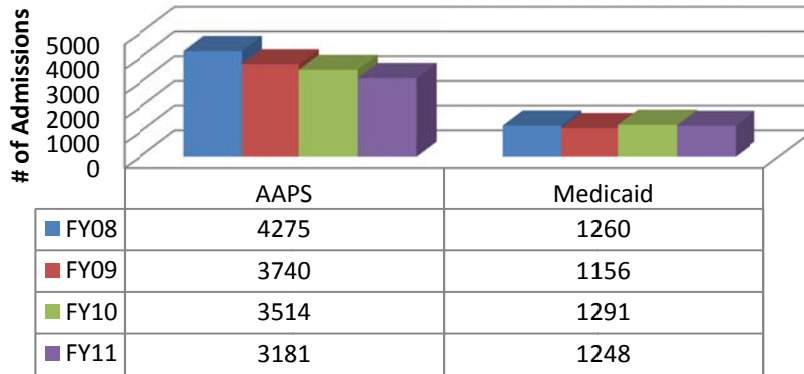
09/07/2011

ValueOptions' Report # 30486.2.r1

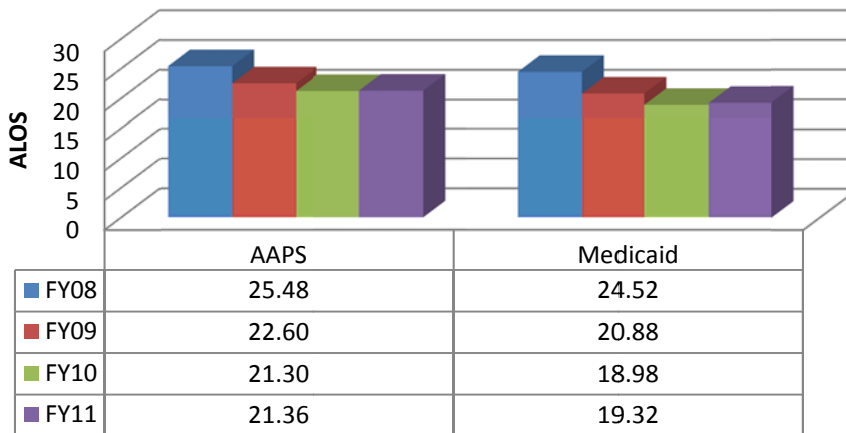
\*Note: Totals in the lower section of this chart are cumulative year to year thus the Summary Report refreshes those summary numbers for the previous fiscal years when it is run. Claims run off can cause fluctuation in the admission counts from year to year when compared to the annual 9a reports that were run in previous years by modality.

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**YTY Comparison Number of Admissions HLOC  
(Minus AAPS Social Detox and Medicaid Hospital  
Based Services)**

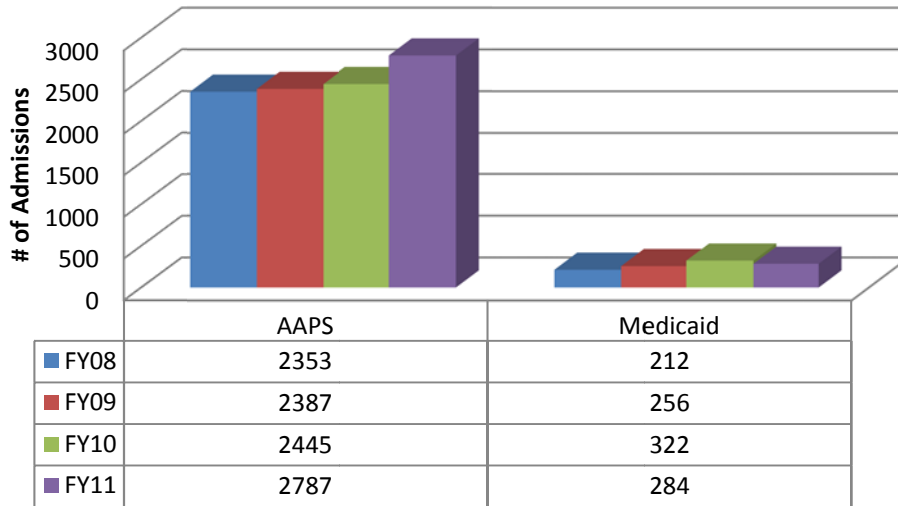


**YTY Comparison Average Length of Stay (ALOS)  
(Minus AAPS Social Detox and Medicaid Hospital  
Based Services)**

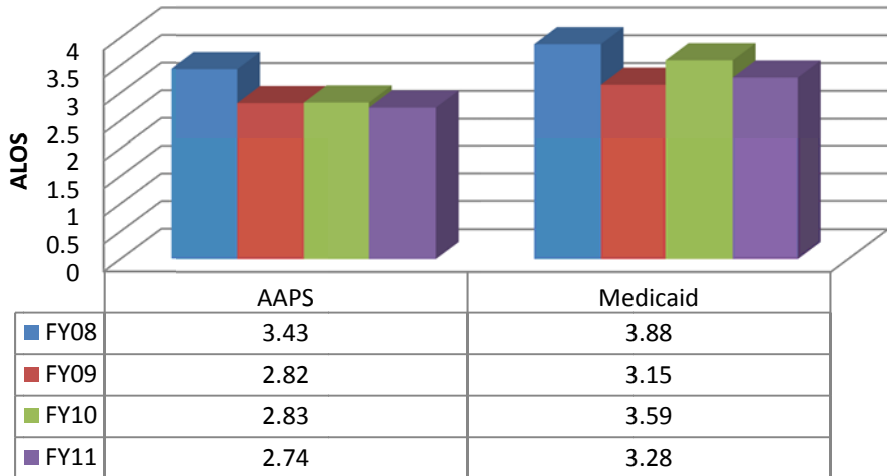


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**YTY Social Detox and Hospital Based Services  
Number of Admissions HLOC**



**YTY Social Detox and Hospital Based Services  
Average Length of Stay (ALOS) HLOC**



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**Conclusions FY11 referring to the *upper section of Summary Chart page 5***

- All admissions were greater in AAPS Funded for each modality except Adolescent Level III.5 which is higher for Medicaid. This trend held throughout FY 2008, FY 2009, FY10 and FY11.
- The modality with the highest utilization in both funding sources is Level III.3 Intermediate Adult Residential when Social Detox is excluded. This has been a consistent trend.
- After pulling out Social Detox (AAPS) and Hospital based services (Medicaid), the ALOS FY11 of AAPS was 21.36 and the ALOS FY11 for Medicaid was 19.32. This is difference of 2.04 days. The FY10 ALOS difference was 1.64 days. Thus, there was an increase ALOS in the difference from FY10 to FY11.
- The FY11 ALOS of Social Detox (AAPS) was 2.74 and the FY11 ALOS for Hospital based services (Medicaid) was 3.28. This is not surprising as the Medicaid hospital based services include multiple medical issues not just detoxification care.
- In examining the detail by region and funding source table, it is noted that the Region with the greatest number of admissions for FY11 (minus detox and hospital based services) for AAPS funded was the Kansas City Region and for Medicaid it was the Wichita Region.

**Conclusions comparing FY10 to FY11 including both the summary page and the histograms on pages 6 and 7.**

- **For AAPS**, when comparing 2010 to 2011 there is a *very slight increase* in total admits (admits/days) and a *decrease* in total days in all levels of care combined from 2010 to 2011 in the higher levels of care. (5,959/81,768 to 5,968/75,605) **This is an increase of only 9 admissions but a decrease of 6,163 days.**
- **For Medicaid**, when comparing 2010 to 2011 there is a *very slight decrease* in both total admits and total days (admits/days) and a *decrease* in total days in all levels of care combined from 2010 to 2011 in the higher levels of care. (1,613/25,656 to 1,532/25,038) **This is decrease of 81 admissions and a decrease of 618 days.**
- In comparing 2010 to 2011 there are slight *increases* in the ALOS (minus detox and hospital based services) **in both funding sources** from 2010 to 2011 in the higher levels of care (AAPS 21.30 to 21.36; Medicaid 18.98 to 19.32). **This is increase of only .06 days for AAPS and .34 days for Medicaid.**
- In comparing 2010 to 2011 there is a *decrease in the ALOS* for social detox and hospital based services in both funding sources (AAPS 2.83 to 2.74; Medicaid 3.59 to 3.28). It must be kept in mind that Medicaid includes acute hospital admissions related to substance abuse disorders not just detoxification.
- **General trending since FY08 in AAPS indicates a general trend of decreasing admissions with an also downward trend in the ALOS with very minor ALOS increase in the past year.**



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- **General trending since FY08 in Medicaid indicates a varying trend of both increases and decreases. A decrease is noted from FY10 to FY11. The ALOS indicates a general downward trend.**
- General trending since FY08 in **AAPS** Social Detox indicates an *increase* in total admits and a *decrease* in ALOS.
- General trending since FY08 in Medicaid Hospital Based Services indicates an *increase* in total admits and a *decrease* in ALOS.

**Preliminary Recommendations to Committee:**

- It is recommended to the Committee that data trending continue and reporting on all objectives be included in this report. Trending should continue to contain year to year (YTY) comparisons.
- It is further recommended that this aggregate analysis and the ValueOptions report be posted on the ValueOptions website.
- **It was noted by the Committee that social detox provider roundtables and provider education has occurred regarding the proper application of social detox ASAM criteria.**

**Date Presented to SQC:** 11/17/2011

**BY:** Kim Brown

**Recommendations from the Committee for action:** Committee approves of the Preliminary Recommendations as shown above. Enhancements made by the SQC to the Preliminary Recommendations are noted above in **bold**.

**Person Responsible to follow-up and date due:** Kim Brown Due: 2/10/2012