

**Addiction and Prevention Services
State Quality Committee**

Final

AGGREGATE ANALYSIS REPORT

Reporting Period **FROM:** October 1, 2010 **TO:** December 31, 2010

Unit/Team/Department:
PIHP Quality Improvement

Topic/Project:
Over and Under Utilization
 Higher Levels of Care Utilization (VO #9a, Grid Row #6) by claims

Monitoring Standard:

42 CFR 438.240 (a and b) Quality Assessment and Performance Improvement Program
Utilization Management policies and procedures:
42 CFR 438.210 (b-e) Coverage and authorization of services
42 CFR 438.242 Health Information System

Goal:
The PIHP will track and report quarterly to SRS/AAPS higher levels of care by claims data for a given quarter.
Block Grant Application Goal: 1

Objectives:
To assure the documentation is capturing this utilization data
To evaluate for trends that may require system intervention and education
To allow data to be presented consistently for Committee evaluation and response

Data Collection Activities:
Data was collected from the ValueOptions CareConnect claims. Utilization report including Hospital Detox, Reintegration, Intermediate split by adult/adolescent, and Social Detox services. The report details include average covered lives/Per 1000 calculations for Medicaid only, and admissions and days for both Medicaid and AAPS funded. The report will be based on the service date begin and service date end & will provide the count of actual units. The report will be claim based as a rolling quarter to show a full year by 4th quarter. This report will be provided as an aggregate, as well as by SRS region. Data from the 2009 claims run-out updated data reports have been used for YTY comparison tables. The new summary table included in this report contains admissions and average length of stay by Region. Social Detox for AAPS and Hospital based services for Medicaid have been separated from all other modalities. This report contains 90 days of claims run out. (See page four for summary table)

Results: See next page

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All Regions AAPS Funded:

Hospital Detoxification and Higher Levels of Care Utilization

	1st Quarter	2nd Quarter	Year to Date
<u>LEVEL III.1 - RESIDENTIAL REINTEGRATION - ADULT</u>			
Admissions	303	240	543
Days Claimed	9,014	6,767	15,781
Average Length of Stay	29.75	28.20	29.06
<u>LEVEL III.1 - RESIDENTIAL REINTEGRATION - ADOLESCENT</u>			
Admissions	2	1	3
Days Claimed	18	38	56
Average Length of Stay	9.00	38.00	18.67
<u>TOTAL FOR: LEVEL III.1 - RESIDENTIAL REINTEGRATION</u>			
Admissions	305	241	546
Days Claimed	9,032	6,805	15,837
Average Length of Stay	29.61	28.24	29.01
<u>TOTAL FOR: LEVEL III.2D - RESIDENTIAL SOCIAL DETOX</u>			
Admissions	699	655	1,354
Days Claimed	2,271	2,166	4,437
Average Length of Stay	3.25	3.31	3.28
<u>TOTAL FOR: LEVEL III.3 - RESIDENTIAL ADULT INTERMEDIATE</u>			
Admissions	555	493	1,048
Days Claimed	11,119	9,802	20,921
Average Length of Stay	20.03	19.88	19.96
<u>TOTAL FOR: LEVEL III.5 - RESIDENTIAL ADOLESCENT INTERMEDIATE</u>			
Admissions	14	2	16
Days Claimed	444	59	503
Average Length of Stay	31.71	29.50	31.44
<hr/>			
<u>Region Total - AAPS - All Regions</u>			
Admissions	1,573	1,391	2,964
Days Claimed	22,866	18,832	41,698
Average Length of Stay	14.54	13.54	14.07

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All Regions Medicaid:

Hospital Detoxification and Higher Levels of Care Utilization

	1st Quarter	2nd Quarter	Year to Date
Unduplicated Covered Lives:	255,438	283,485	285,562
<u>TOTAL FOR: LEVEL III.1 - RESIDENTIAL REINTEGRATION</u>			
Admissions	83	77	160
Days Claimed	2,353	2,002	4,355
Admissions/1000 Lives	0.32	0.27	0.56
Days/1000 Lives	9.21	7.06	15.25
Average Length of Stay	28.35	26.00	27.22
<u>TOTAL FOR: LEVEL III.3 - RESIDENTIAL ADULT INTERMEDIATE</u>			
Admissions	223	175	398
Days Claimed	3,995	3,402	7,397
Admissions/1000 Lives	0.87	0.62	1.39
Days/1000 Lives	15.64	12.00	25.90
Average Length of Stay	17.91	19.44	18.59
<u>TOTAL FOR: LEVEL III.5 - RESIDENTIAL ADOLESCENT INTERMEDIATE</u>			
Admissions	40	41	81
Days Claimed	1,194	1,225	2,419
Admissions/1000 Lives	0.16	0.14	0.28
Days/1000 Lives	4.67	4.32	8.47
Average Length of Stay	29.85	29.88	29.86
<u>TOTAL FOR: LEVEL IV - DETOXIFICATION SERVICES IN HOSPITAL SETTING</u>			
Admissions	15	8	23
Days Claimed	60	50	110
Admissions/1000 Lives	0.06	0.03	0.08
Days/1000 Lives	0.23	0.18	0.39
Average Length of Stay	4.00	6.25	4.78
<u>TOTAL FOR: LEVEL IV - HOSPITAL BASED ADDICTION OTHER SERVICES</u>			
Admissions	66	40	106
Days Claimed	179	137	316
Admissions/1000 Lives	0.26	0.14	0.37
Days/1000 Lives	0.70	0.48	1.11
Average Length of Stay	2.71	3.43	2.98
<u>Region Total - Medicaid - All Regions</u>			
Admissions	427	341	768
Days Claimed	7,781	6,816	14,597
Admissions/1000 Lives	1.67	1.20	2.69
Days/1000 Lives	30.46	24.04	51.12
Average Length of Stay	18.22	19.99	19.01

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Summary Table: Detail by Region and Funding Source:

ALOS=Average Length of Stay in days

Note: Totals is the lower section of this chart at cumulative year to year *



Kansas Department of Social and Rehabilitation Services

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

7/1/2010 - 12/31/2010

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 the date of submission.

Margaret D. Umack

3/23/2011

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
AAPS Counts																												
Admissions (minus SD)	207	154			147	147			124	85			85	91			103	108			172	131			838	716		
ALOS (minus SD)	24.43	23.95			22.72	22.67			25.39	23.24			23.14	20.32			24.23	25.26			21.76	20.41			23.57	22.69		
Social Detox Services Admissions	350	309			157	148			36	35			39	30			53	36			58	90			693	648		
Social Detox Services ALOS	2.95	2.88			3.37	3.75			4.22	3.83			3.36	3.23			3.45	3.83			3.83	3.60			3.24	3.30		
Other Admissions (minus SD)																									1	2		
Other Social Detox Services Admissions																									2	1		
Medicaid Counts																												
Admissions (minus HBS)	72	63			70	62			47	47			41	40			36	19			80	64			346	295		
ALOS (minus HBS)	20.74	23.63			19.34	21.87			26.68	22.36			20.73	19.45			29.47	28.84			19.13	23.00			21.80	22.69		
Hospital Based Services Admissions	30	14			18	19			4	5			4	6			9	2			16	3			81	49		
Hospital Based Services ALOS	3.37	6.43			3.06	2.95			2.00	2.20			2.75	3.50			2.89	4.50			2.38	2.00			2.95	3.34		
AAPS Totals (all counts include "Other" admits and days)														Medicaid Totals														
	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	1,557	23.15	1,344	3.27	3	1	2,901 / 40,437		641	22.21	130	3.32	771 / 14,668															
FY 2010 Totals *	1,759	23.82	1,163	3.33	2	1	2,922 / 45,770		633	23.51	158	3.41	791 / 15,417															
FY 2009 Totals *	2,057	26.28	1,204	3.33	1	0	3,261 / 58,074		552	25.00	124	3.32	676 / 14,213															
FY 2008 Totals *	2,166	24.90	1,170	3.52	6	4	3,336 / 58,066		672	24.39	111	4.14	783 / 16,848															

* 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.

***Summary was re-run due to a labeling error after regular report thus there are differences in the FY 2011 totals from this Summary Chart to the All Regions Reports.**

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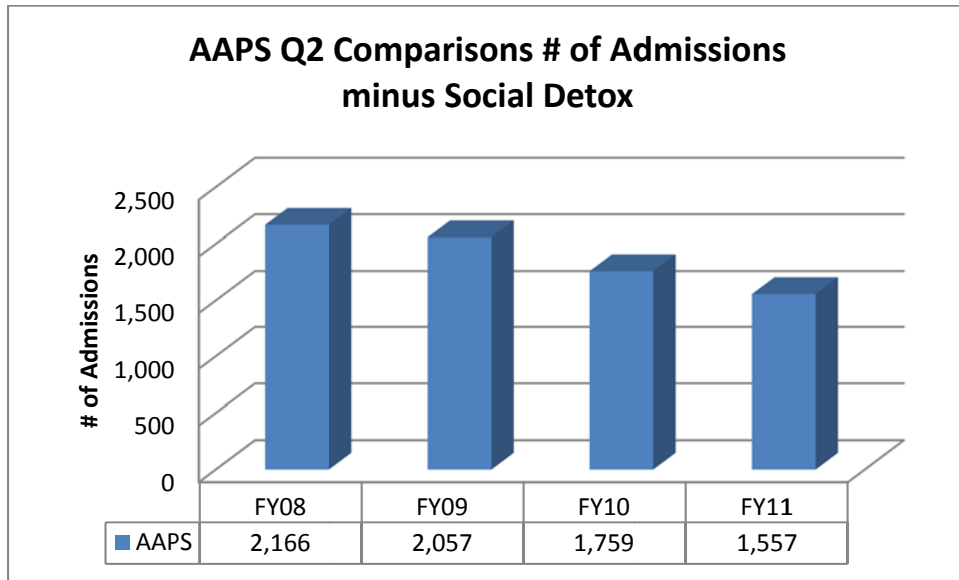
Conclusions for Q2 referring to the *upper section of Summary Chart page 4*

- 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 and FY 2010.
- After pulling out Social Detox (AAPS) and Hospital based services (Medicaid), the non-cumulative Q2 ALOS of AAPS was 22.69 and the non-cumulative Q2 ALOS for Medicaid was also 22.69. The entire FY10 difference was 1.64 days.
- The non-cumulative Q2 ALOS of Social Detox (AAPS) was 3.30 and the non-cumulative Q2 ALOS for Hospital based services (Medicaid) was 3.94.
- The modality with the highest utilization in both funding sources is Level III.3 Intermediate Adult Residential when Social Detox is excluded. This is a consistent trend.
- In examining the detail by region and funding source table, it is noted that the Region with the greatest number of admissions for Q2 (minus detox and hospital based services) for AAPS funded is the Kansas City Region and for Medicaid is the Wichita Region. This was true for Q1 also.
- The Region with the *shortest* LOS for Q2 AAPS funded (minus detox) was Southeast Region (20.32) and for Q2 Medicaid (minus hospital based services) was also the Southeast Region (19.45).
- The Region with the *longest* LOS for Q2 AAPS funded (minus detox) was the West Region (25.26) and for Q2 Medicaid (minus hospital based services) was also the West (28.84).

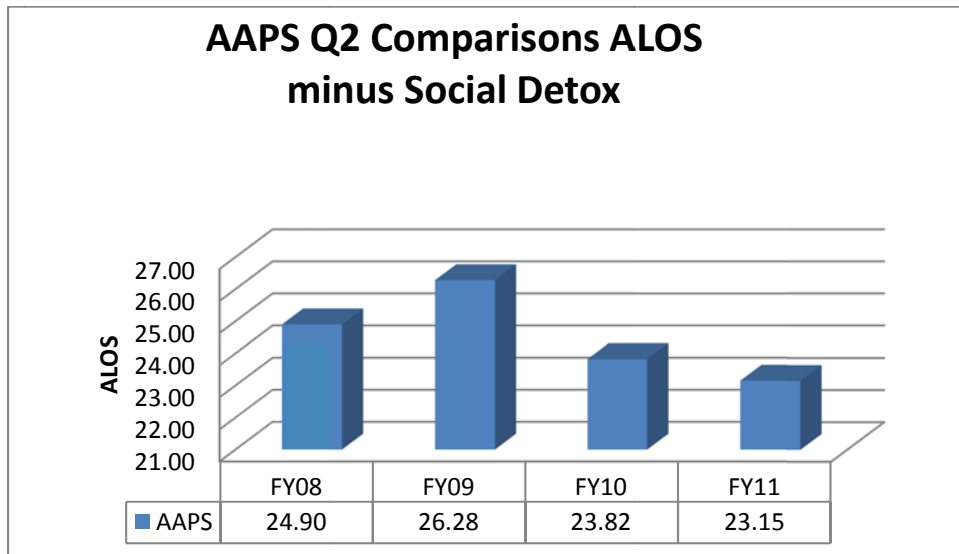
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Referring to the lower section of Summary Chart cumulative total year to year data Q2:

Comparing AAPS Q2 only 2008, 2009, 2010 and 2011 Number of Admissions minus Social Detox:

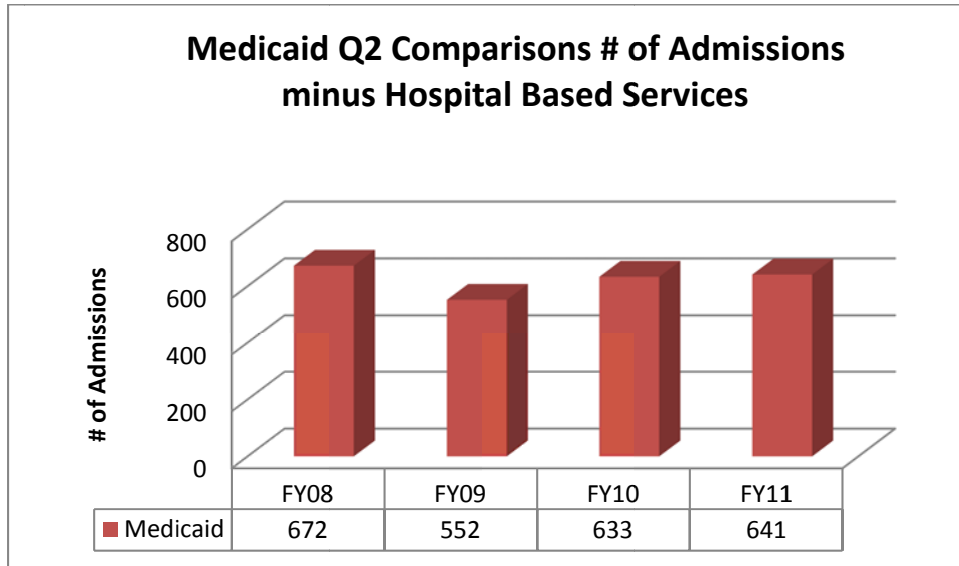


Comparing AAPS Q2 only 2008, 2009, 2010 and 2011 Average Length of Stay (ALOS) in days minus Social Detox:

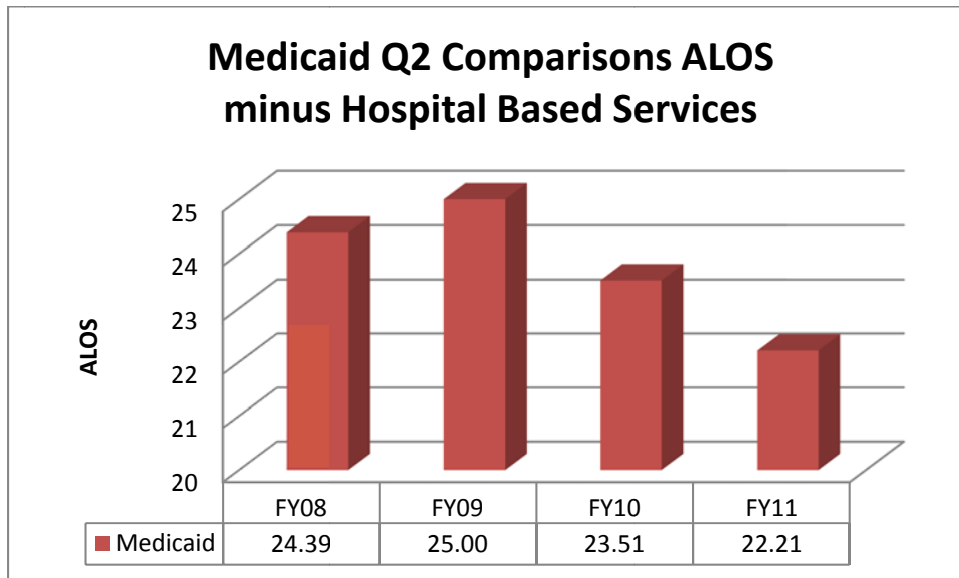


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**Comparing Medicaid Q2 only 2008, 2009, 2010 and 2011 Number of Admissions
minus Hospital Based Services:**



**Comparing Medicaid Q2 only 2008, 2009, 2010 and 2011 Average Length of Stay
(ALOS) in days minus Hospital-Based Services:**



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The following are comparisons of cumulative Q2 FY10 to Q2 FY11 *minus Social Detox for AAPS funded and Hospital Based Services for Medicaid.*

- In comparing AAPS **2010 to 2011 Q2** there is a *decrease* in total admits (1759 to 1557).
- In comparing Medicaid **2010 to 2011 Q2** there is a slight *increase* in total admits (633 to 641).
- In comparing **2010 to 2011 Q2** there is a small *decrease* in ALOS (minus detox) for AAPS funded (23.82 to 23.15) and a *decrease* in ALOS (minus hospital based services) for Medicaid (23.51 to 22.21).

The following are comparison of cumulative Q2 FY10 to Q2 FY11 of *Social Detox and Hospital Based Services.*

- In comparing AAPS Social Detox **2010 to 2011 Q2** there is an *increase* in total admits (1,163 to 1,344) and a *decrease* in ALOS (3.33 to 3.27).
- In comparing Medicaid Hospital Based Services **2010 to 2011 Q2** there is a *decrease* in total admits (158 to 130) and a *decrease* in ALOS (3.41 to 3.32).

The following are comparisons of cumulative Q2 FY10 to Q2 FY11 of *ALL admissions types/modalities.*

- In comparing AAPS **2010 to 2011 Q2 all admissions** there is an *decrease* in total admits and a *decrease* in total days in the higher levels of care (2,922/45,770 to 2,901/40,437).
- In comparing Medicaid **2010 to 2011 Q2 all admissions** there is a slight *decrease* in total admits and a slight *decrease* in total days in the higher levels of care (791/15,417 to 771/14,668).

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.

Date Presented to SQC: 5/12/2011

BY: Kim Brown

Recommendations from the Committee for action: Committee approves of the Preliminary Recommendations as shown above.

Person Responsible to follow-up and date due: Kim Brown Due: 8/11/2011