

**Addiction and Prevention Services
State Quality Committee**

This report is based upon paid claims data. Reviewers are cautioned not to draw conclusions about trends until all of the most recent quarter's data has been received and posted and substantial claims run out for the additional quarters has occurred (IBNR). Adolescents may be counted in adult or adolescent categories depending upon their date of birth.

This report can not be used to determine quality of care or outcomes of care.

AGGREGATE ANALYSIS REPORT

Final

Reporting Period

FROM: July 1, 2008 **TO:** September 30, 2008

Unit/Team/Department:

PIHP Quality Improvement

Topic/Project:

Over and Under Utilization

Higher Levels of Care Utilization (VO #9a, Grid Row #7) 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.

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 Block Grant. 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.

Results: See next page

**Addiction and Prevention Services
State Quality Committee**

All Regions Block Grant

Hospital Detoxification and Higher Levels of Care Utilization

	1st Quarter	Year to Date
<u>TOTAL FOR: LEVEL III.1 - RESIDENTIAL REINTEGRATION</u>		
Admissions	287	287
Days Claimed	6,692	6,692
Average Length of Stay	23.32	23.32
<u>TOTAL FOR: LEVEL III.2D - RESIDENTIAL SOCIAL DETOX</u>		
Admissions	511	511
Days Claimed	1,642	1,642
Average Length of Stay	3.21	3.21
<u>TOTAL FOR: LEVEL III.3 - RESIDENTIAL ADULT INTERMEDIATE</u>		
Admissions	566	566
Days Claimed	10,532	10,532
Average Length of Stay	18.61	18.61
<u>TOTAL FOR: LEVEL III.5 - RESIDENTIAL ADOLESCENT INTERMEDIATE</u>		
Admissions	12	12
Days Claimed	362	362
Average Length of Stay	30.17	30.17

	1st Quarter	Year to Date
<u>Region Total - Block Grant - All Regions</u>		
Admissions	1,376	1,376
Days Claimed	19,228	19,228
Average Length of Stay	13.97	13.97

**Addiction and Prevention Services
State Quality Committee**

All Regions Medicaid:

Hospital Detoxification and Higher Levels of Care Utilization

	1st Quarter	Year to Date
Unduplicated Covered Lives:	218,173	218,173
<u>LEVEL III.1 - RESIDENTIAL REINTEGRATION - ADULT</u>		
Admissions	41	41
Days Claimed	712	712
Admissions/1000 Lives	0.19	0.19
Days/1000 Lives	3.26	3.26
Average Length of Stay	17.37	17.37
<u>LEVEL III.1 - RESIDENTIAL REINTEGRATION - ADOLESCENT</u>		
Admissions	1	1
Days Claimed	15	15
Admissions/1000 Lives	0.00	0.00
Days/1000 Lives	0.07	0.07
Average Length of Stay	15.00	15.00
<u>TOTAL FOR: LEVEL III.1 - RESIDENTIAL REINTEGRATION</u>		
Admissions	42	42
Days Claimed	727	727
Admissions/1000 Lives	0.19	0.19
Days/1000 Lives	3.33	3.33
Average Length of Stay	17.31	17.31
<u>TOTAL FOR: LEVEL III.3 - RESIDENTIAL ADULT INTERMEDIATE</u>		
Admissions	133	133
Days Claimed	2,167	2,167
Admissions/1000 Lives	0.61	0.61
Days/1000 Lives	9.93	9.93
Average Length of Stay	16.29	16.29
<u>TOTAL FOR: LEVEL III.5 - RESIDENTIAL ADOLESCENT INTERMEDIATE</u>		
Admissions	17	17
Days Claimed	515	515
Admissions/1000 Lives	0.08	0.08
Days/1000 Lives	2.36	2.36
Average Length of Stay	30.29	30.29
<u>TOTAL FOR: LEVEL IV - DETOXIFICATION SERVICES IN HOSPITAL SETTING</u>		
Admissions	7	7
Days Claimed	22	22
Admissions/1000 Lives	0.03	0.03
Days/1000 Lives	0.10	0.10
Average Length of Stay	3.14	3.14

Addiction and Prevention Services State Quality Committee

TOTAL FOR: LEVEL IV - HOSPITAL BASED ADDICTION OTHER SERVICES

Admissions	4	4
Days Claimed	7	7
Admissions/1000 Lives	0.02	0.02
Days/1000 Lives	0.03	0.03
Average Length of Stay	1.75	1.75

Region Total - Medicaid - All Regions

Admissions	203	203
Days Claimed	3,438	3,438
Admissions/1000 Lives	0.93	0.93
Days/1000 Lives	15.76	15.76
Average Length of Stay	16.94	16.94

Detail by region and funding source:

Utilization by Region/Funding Source	55K				39K				33K				22K				25K				47K				Total		YTDTotal	2008					
	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	Q1	Q2	Q3
Block Grant Number of Admissions(minus detox days)	177				145				122				83				113				217				755				857				3,395
Block Grant ALOS	23.96				17.71				19.96				19.88				23.03				18.20				20.36				20.36				25.20
Social Detox Admissions	277				137				15				17				29				32				507				507				2,146
Social Detox ALOS	2.83				3.76				3.08				3.65				3.48				3.66				3.22				3.22				3.72
"Other" Social Detox admissions																									4				4				27
Block Grant "Other" admissions																									8				8				42
Block Grant Total Admissions																													1,376				5610
Block Grant Total Days																													19,228				64,698
Medicaid Number of Admissions (minus detox days)	24				23				33				28				25				59				192				192				1,142
Medicaid ALOS	19.92				15.9				21.55				20.14				11.36				17.05				17.76				17.76				23.58
Hospital Detox/Other Admissions	1								1												9				11				11				4
Hospital ALOS	5.00								2.00												2.44				2.64				2.64				5.50
Medicaid Total Admissions																													203				1,146
Medicaid Total Days																													3,438				26,953

**Addiction and Prevention Services
State Quality Committee**

Conclusions:

- Since it is drawn from claims, there will still be some claims run out and data will be more accurate next quarter.
- The most outstanding difference is the utilization between Block Grant and Medicaid; 87.14 % of all admissions were Block Grant.
- All admissions were greater in Block Grant for each modality except Adolescent Level III.5 which was slightly higher for Medicaid. This trend held throughout FY 2008.
- After pulling out Social Detox at the recommendation of the Committee, the overall Lengths of Stay (LOS) demonstrated a 2.6 day longer length of stay in Block Grant. However, this is one quarter of data.
- The modality with the highest utilization in both funding sources is Level III.3 Intermediate Adult Residential.
- In examining the detail by region and funding source table, it is noted that the region with the greatest number of admissions is Wichita when Social Detox is excluded.
- The regions with the longest LOS is Kansas City for Block Grant and South Central for Medicaid (Social Detox Excluded)
- The regions with the shortest LOS is Northeast for Block Grant and West for Medicaid (Social Detox Excluded)

Preliminary Recommendations to Committee:

- It is recommended to the Committee that data trending continue and reporting on all objectives be included in this report.
- **It is further recommended by the Committee that ValueOptions re-run the fourth quarter report to capture claims run-out and add a notation to the report regarding this. This aggregate analysis and the ValueOptions updated report is recommended to be shared at the SRS Regional QI meetings and posted on the ValueOptions website with more instruction and clarification by ValueOptions on how viewers interpret the report detail.**

Date Presented to SQC: 11/06/2008

BY: Kim Brown

Recommendations from the Committee for action: Recommendation and changes made by the SQC to the Preliminary Recommendations are noted above in **bold**.

Person Responsible to follow-up and date due: Kim Brown Due: 2/5/09