

Department of Health & Social Services
Behavioral Health: Policy & Planning

Bring the Kids Home Initiative: Indicators for SFY 09

Project Outcome Indicators

Early in the planning process of the BTKH Initiative, measuring progress was valued and given priority in the development of strategies for project implementation. This priority was defined in *Strategy 4s: Performance and QA Measures*. From this strategy, seven indicators were defined by identified priority areas of the service delivery system in order to measure progress of the BTKH Initiative. The indicators are presented in their original form, with modification as indicated.

Indicator 1: Client Shift- A reduction in the total number of SED children / youth admitted to out-of-state RPTC care by 90 percent by SFY 2012 (15% per year)¹

Findings: (Reference Table 1-3)

The RPTC admissions, as a whole, steady increased from SFY 98-04. From SFY 05 to the present, there has been a decrease every year.

For SFY 2009:

- The distinct number of In-State Custody RPTC recipients “admitted” during SFY 09 **increased** by 29% (from 61 to 86).
- The distinct number of Out-Of-State Custody RPTC recipients “admitted during SFY 09 **decreased** by 52.5% (from 40 to 19).
- The distinct number of In-State Non-Custody RPTC recipients “admitted” during SFY 09, **increased** by 26% (from 150 to 203).
- The distinct number of Out-of-State Non-Custody RPTC recipients “admitted” during SFY 09, **decreased** by 43.8% (from 162 to 91).
- The distinct number of total RPTC admissions for SFY '09 **decreased** by 3.4% (from 413 to 399).

Cross-year analysis targeting the year with the highest admission rates, and comparing with SFY 09 indicates that:

- The total RPTC admissions for SFY '09 are 58.7% lower than SFY 04 (from 965 to 399)
- The In-State Custody RPTC recipients “admitted” during SFY 09 are 3.4% lower than SFY 05 (from 89 to 86).
- The Out-Of-State Custody RPTC recipients “admitted” during SFY 09 are 89.5% lower than SFY 04 (from 181 to 19).
- The In-State Non-Custody RPTC recipients “admitted” during SFY 09 are 19.5% lower than SFY 07 (from 252 to 203).
- Out-of-State Non-Custody RPTC recipients “admitted” during SFY 09 are 84% lower than SFY 04 (from 571 to 91).

¹ This indicator has been modified during this reporting period. The previous indicator #1 read: **Client Shift- A reduction in the total number of SED children / youth placed in out-of-state RPTC care by 90 percent by SFY 2012 (15% per year**

Table 1

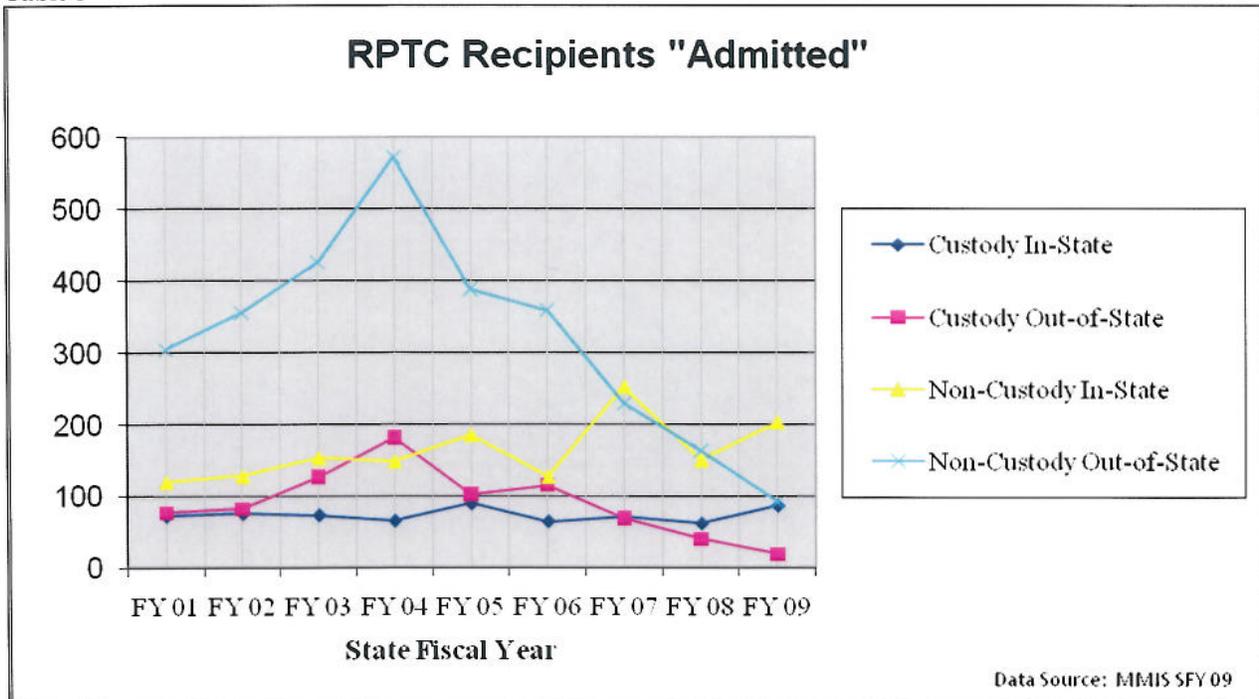
Unduplicated Count of Medicaid RPTC Recipients "Admitted"									
	FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09
Custody In-State	72	75	73	65	89	64	71	61	86
Custody Out-of-State	77	82	127	181	102	115	69	40	19
Non-Custody In-State	120	128	153	148	185	127	252	150	203
Non-Custody Out-of-State	304	355	425	571	387	358	228	162	91
Total	573	640	778	965	763	664	620	413	399

Data Source: MMIS SYF 09

Table 2

Percentage of Increase (Decrease) between SFY - Distinct RPTC Medicaid Recipients "Admitted"									
	FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09
Custody In-State		4.0%	-2.7%	-11.0%	27.0%	-28.1%	9.9%	-14.1%	29.1%
Custody Out-of-State		6.1%	35.4%	29.8%	-43.6%	11.3%	-40.0%	-42.0%	-52.5%
Non-Custody In-State		6.3%	16.3%	-3.3%	20.0%	-31.4%	49.6%	-40.5%	26.1%
Non-Custody Out-of-State		14.4%	16.5%	25.6%	-32.2%	-7.5%	-36.3%	-28.9%	-43.8%
Total		10.5%	17.7%	19.4%	-20.9%	-13.0%	-6.6%	-33.4%	-3.4%

Table 3



The distinct number of SED youth receiving RPTC treatment, as a whole, has steadily increased – on average of 24.8% per year during SFY 98-04 (ranging from 13-65%). Between SFY 1998 and 2004 the distinct number of SED youth receiving out-of-state RPTC care has steadily increased- on average 46.7% per year (ranging from 17-80%).

For SFY 2009, for the distinct number of (Reference Table 4-6):

- Out-Of-State RPTC recipients during SFY 09 **decreased** by 33.5% (from 478 to 318).
- In-State RPTC recipients during SFY 09 **increased** by 2.4% (from 369 to 378).
- Total RPTC recipients during SFY 09 **decreased** by 17.8% (from 847 to 696).

Cross-year analysis targeting the year with the highest and/or lowest utilization rates, and comparing with SFY 09 indicates that:

- The number of Out-Of-State RPTC recipients during SFY 09 are
 - 57.6% lower than SFY 04 (from 749 to 318).
- The number of In-State RPTC recipients during SFY 09 are
 - 2.6% lower than SFY 07 (from 388 to 378).
 - 171.9% increase over SFY 1998
- The distinct number of all RPTC recipients during SFY 09 are
 - 32.6% lower than FY 06 (from 1033 to 696)

Table 4

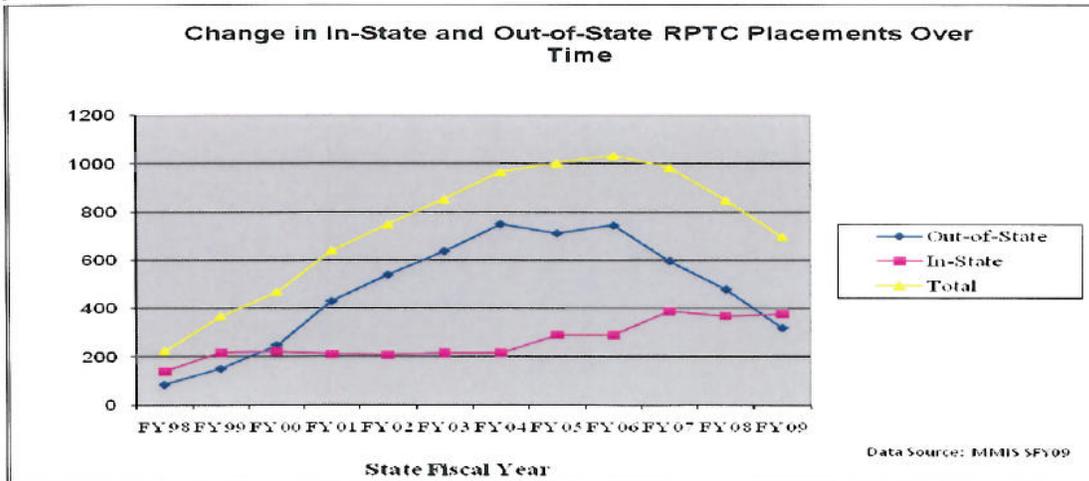
Distinct Counts of Medicaid RPTC Recipients by State Fiscal Year												
	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09
Out-of-State	83	149	247	429	539	637	749	711	743	596	478	318
In-State	139	217	221	211	208	215	216	291	290	388	369	378
Total	222	366	468	640	747	852	965	1002	1033	984	847	696

Data Source: MMIS SYF 09

Table 5

Percentage of Increase (Decrease) between SFY - Distinct Counts of Medicaid RPTC Recipients by State Fiscal Year												
	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09
Out-of-State		79.5%	65.8%	73.7%	25.6%	18.2%	17.6%	-5.1%	4.5%	-19.8%	-19.8%	-33.5%
In-State		56.1%	1.8%	-4.5%	-1.4%	3.4%	0.5%	34.7%	-0.3%	33.8%	-4.9%	2.4%
Total		64.9%	27.9%	36.8%	16.7%	14.1%	13.3%	3.8%	3.1%	-4.7%	-13.9%	-17.8%

Table 6



Indicator 2: Funding Shift- Ninety percent reduction in Medicaid / General Fund match dollars from out-of-state services to SED children / youth with a corresponding increase in Medicaid / General Fund match dollars for in-state services by SFY 12. (15 percent per year)

Findings:

(Reference Table 7-10)

Between SFY 1998 and 2004 out-of-state RPTC Medicaid expenditures experienced an average annual increase of 59.2% and an overall increase of over 1300%. During the same time period in-state RPTC Medicaid expenditures increase a little more than 300% and realized smaller average annual increases of 29.6%.

For SFY 2009:

- Out-of-State RPTC Medicaid expenditures **decreased by 27%**
- In-State RPTC Medicaid expenditures essentially remained at 2007 and 2008 levels, in spite of an increase of 36.9% for total instate RPTC admits (from 211 to 289).
- Total RPTC Medicaid expenditures **decreased by 15.5%**.

Cross-year analysis targeting the year with the highest and/or lowest utilization rates, and comparing with SFY 09 indicates that:

- Out-of-State RPTC Medicaid expenditures for SFY '09 are 51.3% lower than SFY 06.

Table 7

RPTC Medicaid Claims Payments by Fiscal Year (FY 04 -FY 09)						
	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09
Out-of-State	37,794,039	38,202,707	40,008,891	36,745,804	26,848,252	19,487,410
In-State	11,532,083	13,812,640	14,297,112	20,888,007	20,896,822	20,867,295
Total	49,326,122	52,015,347	54,306,003	57,633,811	47,745,074	40,354,705

Data Source: MMIS SYF 09

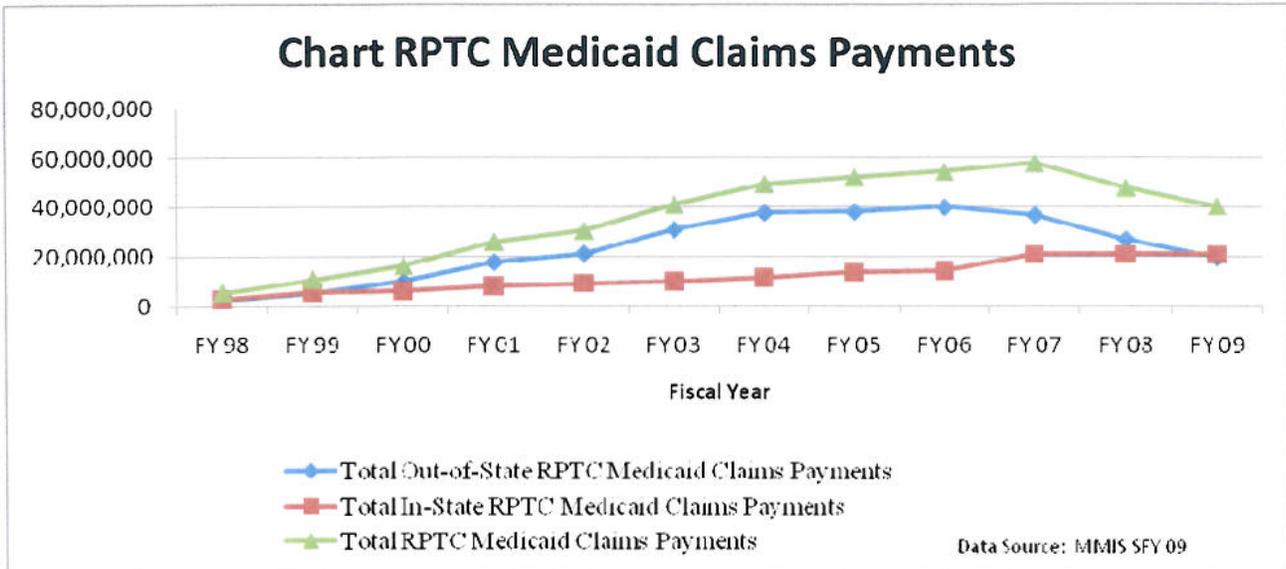
Table 8

RPTC Medicaid Claims Payments by Fiscal Year (FY 98 -FY 03)						
	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03
Out-of-State	2,609,857	5,098,189	9,873,606	17,609,108	21,175,228	30,915,287
In-State	2,823,582	5,623,348	6,286,219	8,242,948	9,229,970	10,093,200
Total	5,433,439	10,721,537	16,159,825	25,852,056	30,405,198	41,008,487

Table 9

Percentage of Increase (Decrease) between SFY - Medicaid RPTC Claims Payments												
	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09
Out-of-State		95.34%	93.7%	78.3%	20.3%	46.0%	22.3%	1.1%	4.7%	-8.2%	-26.9%	-27.4%
In-State		99.16%	11.8%	31.1%	12.0%	9.4%	14.3%	19.8%	3.5%	46.1%	0.0%	-0.1%
Total		97.33%	50.7%	60.0%	17.6%	34.9%	20.3%	5.5%	4.4%	6.1%	-17.2%	-15.5%

Table 10



Indicator 3: Length of Stay (LOS) - Reduction in the average length of stay for in-state and out-of-state residential institutions by 50 percent by SFY 2012.

Findings: (Reference Table 11 - 13)

For SFY 2009, the Average Length of Stay for RPTC:

- In-State Custody: 142 days. **Reduction** of 12 days (8%) from FY 08.
- Custody Out-of State: 476 days. **Increase** of 174 days (57.6%) from FY 08.
- In-State Non-Custody: 157 days. **Reduction** of 34 days (18%) from FY 08
- Out-of-State Non-Custody: 310 days. **Reduction** of 12 days (3.8%) from FY 08.

Table 11

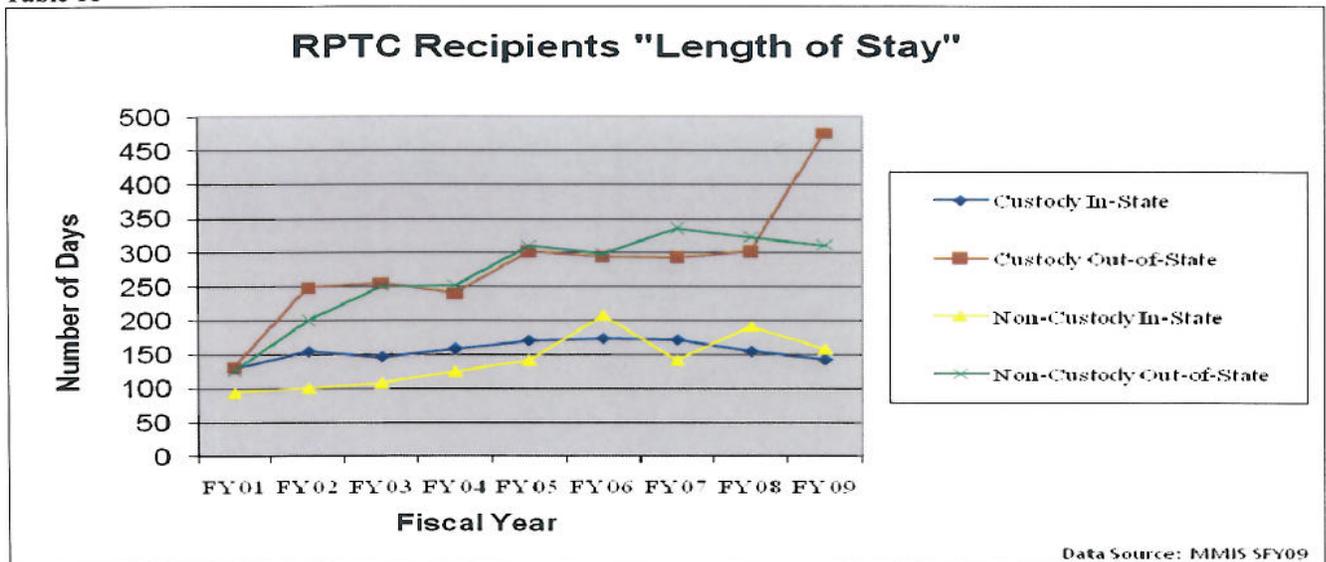


Table 12

Average Length of Stay (in days)									
	FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09
Custody In-State	129.5	154	146	158	170	173	171	154	142
Custody Out-of-State	131.4	249	255	240	302	294	293	302	476
Non-Custody In-State	94	101	108	124	141	207	141	191	157
Non-Custody Out-of-State	126.3	200	250	251	309	297	335	322	310

Data Source: MMIS SYF 09

Table 13

Percentage of Increase (Decrease) between SFY – Average Length of Stay									
	FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09
Custody In-State		18.9%	-5.2%	8.2%	7.6%	1.8%	-1.2%	-9.9%	-8%
Custody Out-of-State		89.5%	2.4%	-5.9%	25.8%	-2.6%	-0.3%	3.1%	57.6%
Non-Custody In-State		7.4%	6.9%	14.8%	13.7%	46.8%	-31.9%	35.5%	-18%
Non-Custody Out-of-State		58.4%	25.0%	0.4%	23.1%	-3.9%	12.8%	-3.9%	-3.8%

Indicator 4: Service Capacity – Increase in the number of in-state residential beds for children/youth by 60 percent by SFY 12. (10 percent per year).²

Findings: (Reference Table 14)

Table 14

	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09
In-state Bed Capacity (below RPTC)				530	530	530	535	589	716	776
In-state Bed Capacity (RPTC) (Existing)				123	123	123	123	183	183	186
TOTAL In-State Beds				653	653	653	658	772	899	962

Data Source: Revised data and model, 9/9/09, “used beds” in small treatment resource homes and RPTC’s.

² This indicator has been modified during this reporting period. The previous indicator #4 read: *Service Capacity – Increase in the number of children/youth receiving home and community based services in communities or regions of meaningful ties by 60 percent by SFY 12 (10 percent per year).*

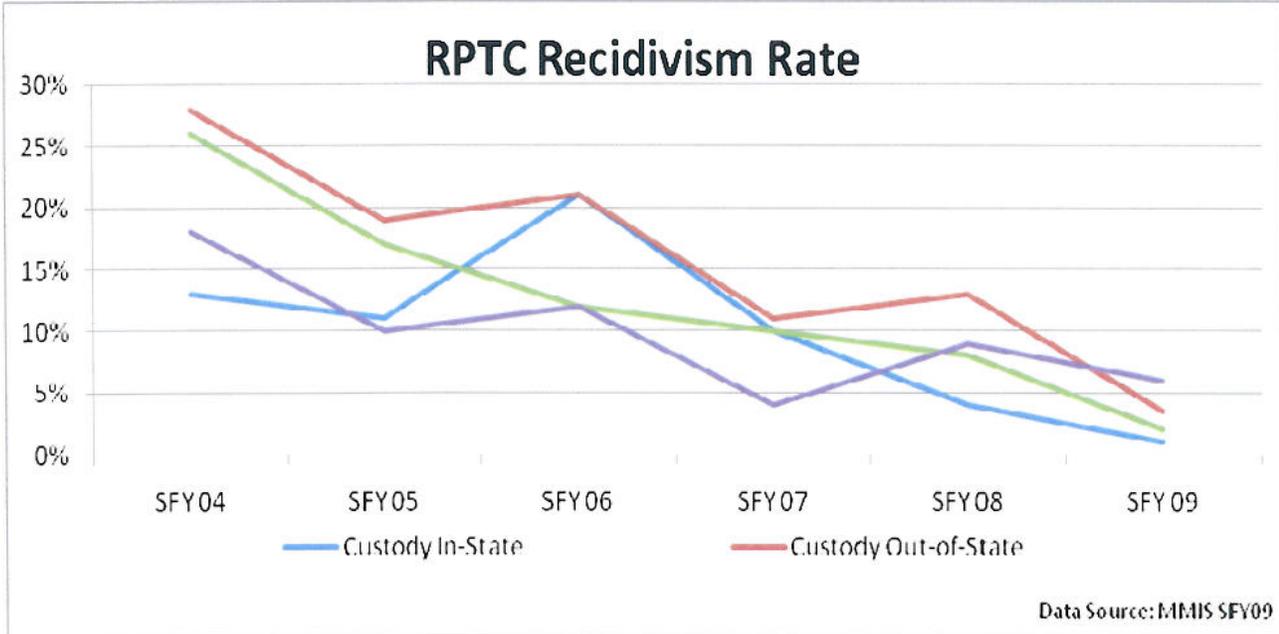
Indicator 5: Recidivism: Decrease in the number of children/youth returning to RPTC and acute hospitalization care by 75% by SFY 12. Defined as children/youth returning within one year to the same or higher level of residential care (12.5% per year)³

Findings: (Reference Table 15-16)

For SFY 2009,

- Custody In-State recidivism rate was 1%; a 3% decrease over SFY 08 (4%).
- Custody Out-of-State recidivism rate was 3.5%, a 10.5% decrease over SFY 08 (13%).
- Non-Custody In-State recidivism rate was 2%, a 6% decrease over SFY 08 (8%).
- Non-Custody Out-of-State recidivism rate was 6%, a 3% decrease over SFY 08 (9%).
- For SFY '09, the over-all recidivism rate was 3.4% (16 cases) for readmission to an RPTC within 365 days of the discharge date. This is a 4.4% decrease over SFY 08 (41 cases).
- Of the 16 cases that experienced a readmission to an RPTC within 365 days of discharge,
 - 7 cases were readmitted in 1-30 days of discharge
 - 6 cases were readmitted in 31-180 days of discharge
 - 3 cases were readmitted in 181-365 days of discharge
- The SFY '09 over-all recidivism rate of 3.4% (16 cases) is compared to:
 - A SFY'08 rate of 8.4% (41 cases)
 - a SFY '07 rate of 7.5% (42 cases)
 - a SFY '06 rate of 14% (61 cases)
 - a SFY '05 rate of 12.5% (56 cases)
 - a SFY '04 rate of 20% (93 cases)

Table 15



³ This indicator has been modified during this reporting period. The previous indicator #5 read: *Effectiveness: Decrease in the number of children/youth returning to residential care by 75% by SFY 12. Defined as children/youth returning within one year to the same or higher level of residential care (12.5% per year*

Table 16

RPTC Recidivism Rates

Custody Status	Placement	Discharges by SFY		Readmissions Following Discharge within...			Total Readmits	%
				1-30 days	31 – 180 days	181 – 365 days		
Custody	In-State	SFY 04	51	4	2	1	7	13%
		SFY 05	73	4	2	2	8	11%
		SFY 06	56	1	8	3	12	21%
		SFY 07	68	1	4	2	7	10%
		SFY 08	52	0	1	1	2	4%
		SFY 09	91	1	--	--	1	1%
Custody	OOS	SFY 04	39	2	7	2	11	28%
		SFY 05	32	1	4	1	6	19%
		SFY 06	52	3	4	4	11	21%
		SFY 07	55	2	4	0	6	11%
		SFY 08	37	3	1	1	5	13%
		SFY 09	28	1	--	--	1	3.5%
Non-Custody	In-State	SFY 04	106	12	10	6	28	26%
		SFY 05	92	10	5	1	16	17%
		SFY 06	81	2	5	3	10	12%
		SFY 07	194	12	6	1	19	10%
		SFY 08	205	10	4	3	17	8%
		SFY 09	204	--	3	2	5	2%
Non-Custody	OOS	SFY 04	262	12	20	15	47	18%
		SFY 05	248	6	13	7	26	10%
		SFY 06	235	8	13	7	28	12%
		SFY 07	239	4	5	1	10	4%
		SFY 08	194	5	9	3	17	9%
		SFY 09	143	5	3	1	9	6%

Data Source: MMIS SYF 09

Table 14: NOTE:

1. The data for Indicator #5 reflects RPTC re-admissions, and does not include admits to acute level of care.
2. This data does not include lateral transfers from one RPTC facility to another.

Indicator 6: Client Satisfaction – Via annual reporting, 85 percent of children and families report satisfaction with services rendered.⁴

The DHSS / Behavioral Health have implemented a *Performance Management System*⁵. The goal is to develop an outcomes measurement and management capacity that will provide accountability and consistency in the evaluation and effectiveness of behavioral health services. It is the intent of the BTKH planning effort to include residential services into the *Performance Management System*.

During SFY 10, the DHSS / Behavioral Health will be implementing the residential version of the *Behavioral Health Consumer Survey (BHCS)*⁶ as the instrument to measure the client satisfaction of RPTC services. The administration and management of this process will follow the administration and implementation schedule as defined in the current *Performance Measures System Policy* (located at: http://www.hss.state.ak.us/dbh/perform_measure/perfmeasuredefault.htm).

Indicator 7: Functional Improvement – Eighty five percent of children and youth show functional improvement in one or more life domain areas at discharge and one year after discharge.⁷

It is the intent of DHSS / Behavioral Health to apply the current mechanisms within the *Performance Management System* to measure the functional improvement of children and youth who have received services through an RPTC. Specifically, the *Client Status Review of Life Domains (CSR)* will be utilized to measure overall functional improvement, as well as, multiple specific life domains. During SFY 10, the DHSS / Behavioral Health staff will identify the necessary steps for the implementation and management of the project tasks associated with this component of this indicator.

⁴ This indicator has been modified during this reporting period. The previous indicator #6 read: *Client Satisfaction – Via annual reporting, 85 percent of children and families report satisfaction with services rendered*

⁵ http://www.hss.state.ak.us/dbh/perform_measure/perfmeasuredefault.htm

⁶ As part of a statewide effort to evaluate and improve behavioral health services, the Division of Behavioral Health (DBH), The Alaska Mental Health Trust Authority (AMHTA), and the Alaska Mental Health Board (AMHB) developed the *Performance Measures Project* initiated July 1, 2002. The Mental Health Statistics Improvement Program (MHSIP)⁶ was selected as the consumer survey. In 2006, the MHSIP was adapted into the *Behavioral Health Consumer Survey (BHCS)*.

⁷ This indicator has been modified during this reporting period. The previous indicator #7 read: *Functional Improvement – Eighty five percent of children show functional improvement in one or more life domain areas one year after discharge*