

Department of Health & Social Services

Behavioral Health: Policy & Planning

Bring the Kids Home Initiative: Indicators for SFY 10

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 1-4b)

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 10 **decreased** by 66% (from 86 to 29).
- The distinct number of Out-Of-State Custody RPTC recipients “admitted during SFY 10 **increased** by 53% (from 19 to 29).
- The distinct number of In-State Non-Custody RPTC recipients “admitted” during SFY 10, **decreased** by 13% (from 203 to 176).
- The distinct number of Out-of-State Non-Custody RPTC recipients “admitted” during SFY 10, **decreased** by 33% (from 91 to 61).
- The distinct number of total RPTC admissions for SFY '10 **decreased** by 26% (from 399 to 295).

Cross-year analysis targeting the year with the highest admission rates, and comparing with SFY 10 indicates that:

- The total RPTC admissions for SFY '10 are 69.4% **lower** than SFY 04 (from 965 to 295)
- The In-State Custody RPTC recipients “admitted” during SFY 10 are 67% **lower** than SFY 05 (from 86 to 29).
- The Out-Of-State Custody RPTC recipients “admitted” during SFY 10 are 84% **lower** than SFY 04 (from 181 to 29).
- The In-State Non-Custody RPTC recipients “admitted” during SFY 10 are 30% **lower** than SFY 07 (from 252 to 176).
- Out-of-State Non-Custody RPTC recipients “admitted” during SFY 10 are 89% **lower** than SFY 04 (from 571 to 61).

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	FY 10
Custody In-State	72	75	73	65	89	64	71	61	86	29
Custody Out-of-State	77	82	127	181	102	115	69	40	19	29
Non-Custody In-State	120	128	153	148	185	127	252	150	203	176
Non-Custody Out-of-State	304	355	425	571	387	358	228	162	91	61
Total	573	640	778	965	763	664	620	413	399	295

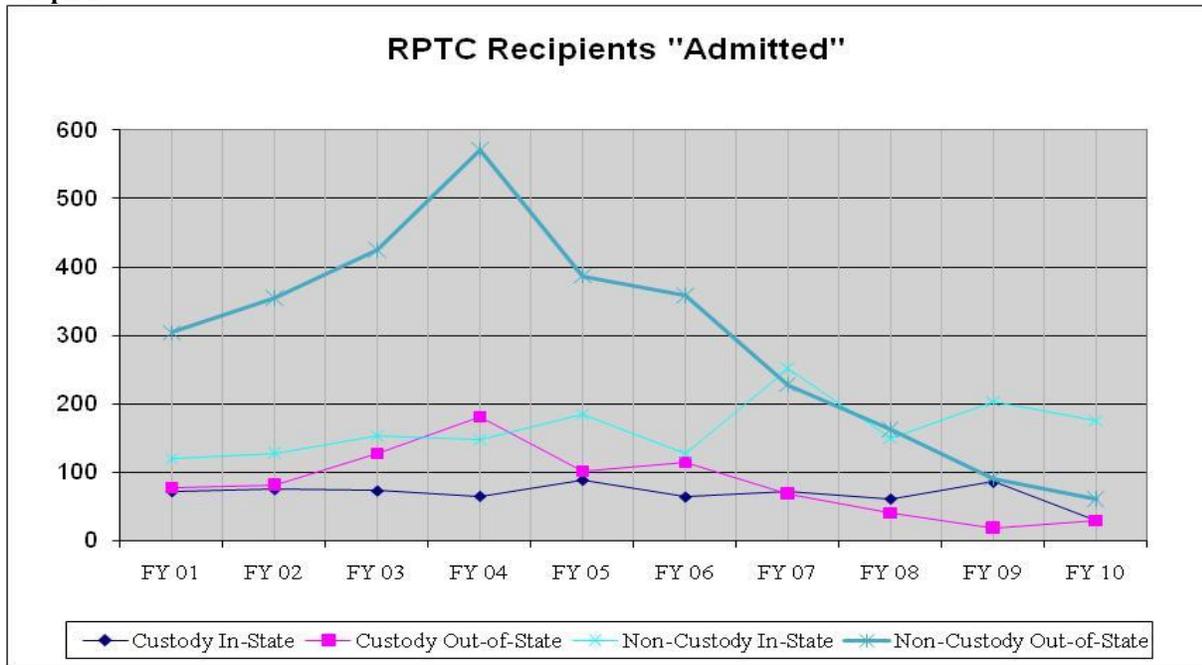
Data Source: MMIS SYF 10

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	FY 10
Custody In-State		4.0%	-2.7%	-11.0%	27.0%	-28.1%	9.9%	-14.1%	29.1%	-66%
Custody Out-of-State		6.1%	35.4%	29.8%	-43.6%	11.3%	-40.0%	-42.0%	-52.5%	53%
Non-Custody In-State		6.3%	16.3%	-3.3%	20.0%	-31.4%	49.6%	-40.5%	26.1%	-13%
Non-Custody Out-of-State		14.4%	16.5%	25.6%	-32.2%	-7.5%	-36.3%	-28.9%	-43.8%	-33%
Total		10.5%	17.7%	19.4%	-20.9%	-13.0%	-6.6%	-33.4%	-3.4%	-26%

Data Source: MMIS SYF 10

Graph 1



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 2010, for the distinct number of (Reference Table 3 – 4):

- Out-Of-State RPTC recipients during SFY 10 **decreased** by 31% (from 318 to 221).
- In-State RPTC recipients during SFY 10 **increased** by 1.2% (from 378 to 384).
- Total RPTC recipients during SFY 10 **decreased** by 13% (from 696 to 605).

Cross-year analysis targeting the year with the highest and/or lowest utilization rates, and comparing with SFY 10 indicates that:

- The number of Out-Of-State RPTC recipients during SFY 10 are
 - 70.4% **lower** than SFY 04 (from 749 to 221).
- The number of In-State RPTC recipients during SFY 10 are
 - 1% **lower** than SFY 07 (from 388 to 384).
 - 176% increase over SFY 1998
- The distinct number of all RPTC recipients during SFY 10 are
 - 41.4% **lower** than FY 06 (from 1033 to 605)

Table 3a

Distinct Counts of Medicaid RPTC Recipients by State Fiscal Year (FY 04 - 10)							
	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10
Out-of-State	749	711	743	596	478	318	221
In-State	216	291	290	388	369	378	384
Total	965	1002	1033	984	847	696	605

Table 3b

Distinct Counts of Medicaid RPTC Recipients by State Fiscal Year (FY 98 - 03)						
	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03
Out-of-State	83	149	247	429	539	637
In-State	139	217	221	211	208	215
Total	222	366	468	640	747	852

Data Source: MMIS SYF 10

Table 4a

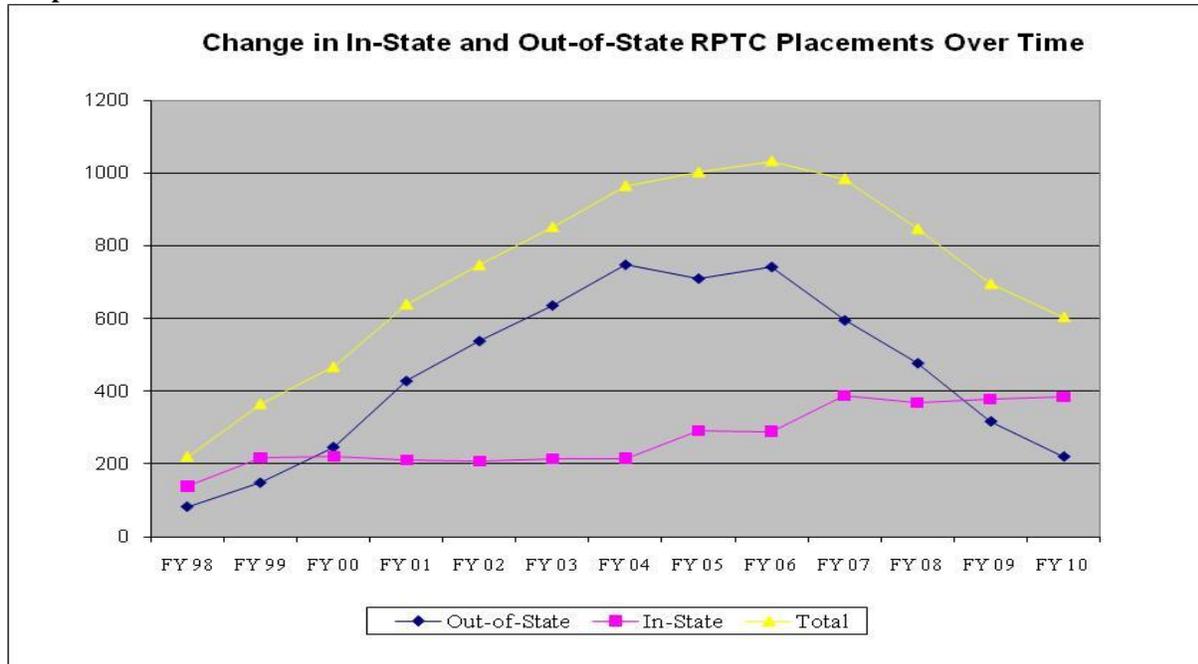
Percentage of Increase (Decrease) between SFY - Distinct Counts of Medicaid RPTC Recipients by State Fiscal Year (FY 04 - 10)							
	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10
Out-of-State	17.60%	-5.10%	4.50%	-19.80%	-19.80%	-33.50%	-31%
In-State	0.50%	34.70%	-0.30%	33.80%	-4.90%	2.40%	1.20%
Total	13.30%	3.80%	3.10%	-4.70%	-13.90%	-17.80%	-13%

Table 4b

Percentage of Increase (Decrease) between SFY - Distinct Counts of Medicaid RPTC Recipients by State Fiscal Year (FY 98 - 03)						
	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03
Out-of-State		79.50%	65.80%	73.70%	25.60%	18.20%
In-State		56.10%	1.80%	-4.50%	-1.40%	3.40%
Total		64.90%	27.90%	36.80%	16.70%	14.10%

Data Source: MMIS SYF 10

Graph 2



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 5a – 6b)

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 2010, in comparison to SFY 2009:

- Out-of-State RPTC Medicaid expenditures **decreased by 22%**
- In-State RPTC Medicaid expenditures **decreased by 4%**
- Total RPTC Medicaid expenditures **decreased by 13%**.

Cross-year analysis targeting the year with the highest and/or lowest utilization rates, and comparing with SFY 10 indicates that:

- Out-of-State RPTC Medicaid expenditures for SFY '10 are 62% **lower** than SFY 06.
- Total RPTC Medicaid expenditures for SFY '10 are 38.8% **lower** than SFY 07.

Table 5a

RPTC Medicaid Claims Payments by Fiscal Year (FY 04 -FY 09)							
	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY10
Out-of-State	37,794,039	38,202,707	40,008,891	36,745,804	26,848,252	19,487,410	15,191,809
In-State	11,532,083	13,812,640	14,297,112	20,888,007	20,896,822	20,867,295	20,049,751
Total	49,326,122	52,015,347	54,306,003	57,633,811	47,745,074	40,354,705	35,251,550

Data Source: MMIS SYF 10

Table 5b

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 6a

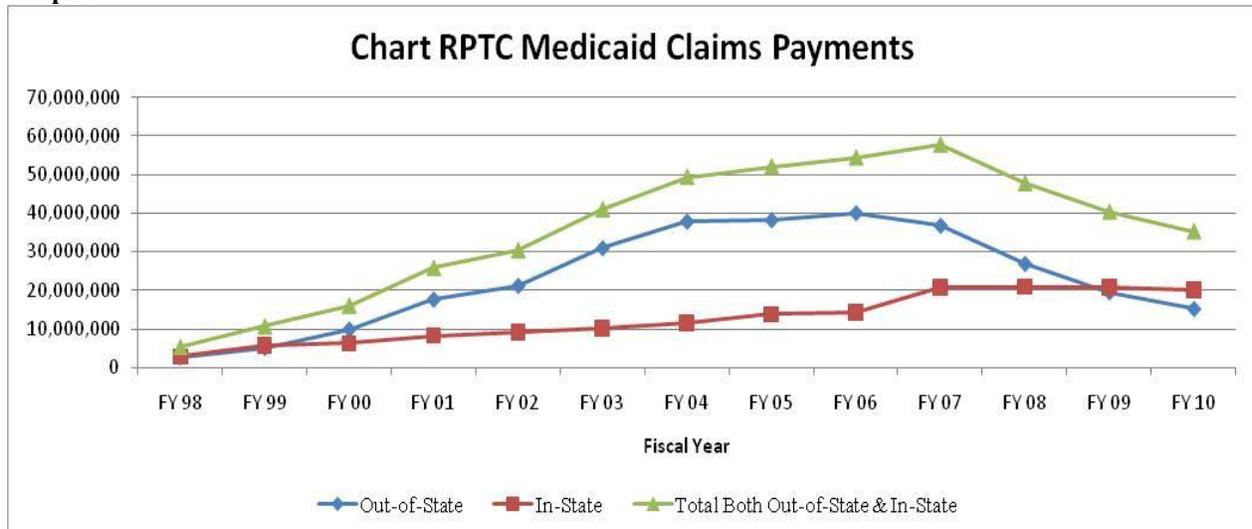
Percentage of Increase (Decrease) between SFY - Medicaid RPTC Claims Payments (FY 04 - FY 10)							
	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY10
Out-of-State	18.2%	1.1%	4.5%	-8.2%	-26.9%	-27.4%	-22%
In-State	12.5%	16.5%	3.4%	31.6%	0.0%	-0.1%	-4%
Total	16.9%	5.2%	4.2%	5.8%	-17.2%	-15.5%	-13%

Data Source: MMIS SYF 10

Table 6b

Percentage of Increase (Decrease) between SFY - Medicaid RPTC Claims Payments (FY 98 - FY 03)						
	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03
Out-of-State		48.8%	48.4%	43.9%	16.8%	31.5%
In-State		49.8%	10.5%	23.7%	10.7%	8.6%
Total		49.3%	33.7%	37.5%	15.0%	25.9%

Graph 3



Indicator 3: Length of Stay () - 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 7 – 8)

For SFY 2010, the Average Length of Stay for RPTC:

- Custody In-State: 161 days. **Increase** of 22 days (14%) from FY 09.
- Custody Out-of State: 512 days. **Increase** of 23 days (4%) from FY 09.
- Non-Custody In-State: 169 days. **Increase** of 7 days (5%) from FY 09.
- Non-Custody Out-of-State: 366 days. **Increase** of 30 days (3.8%) from FY 09.

Table 7

Average Length of Stay (in days)										
	FY 01	FY 02	FY 03	FY04	FY05	FY06	FY 07	FY 08	FY 09	FY 10
Custody In-State	140	160	150	170	156	167	181	156	139	161
Custody Out-of-State	255	325	293	331	414	323	316	337	489	512
Non-Custody In-State	133	111	121	135	146.5	227	145	197	161	169
Non-Custody Out-of-State	196	223	269	272	322	304	353	323	336	366

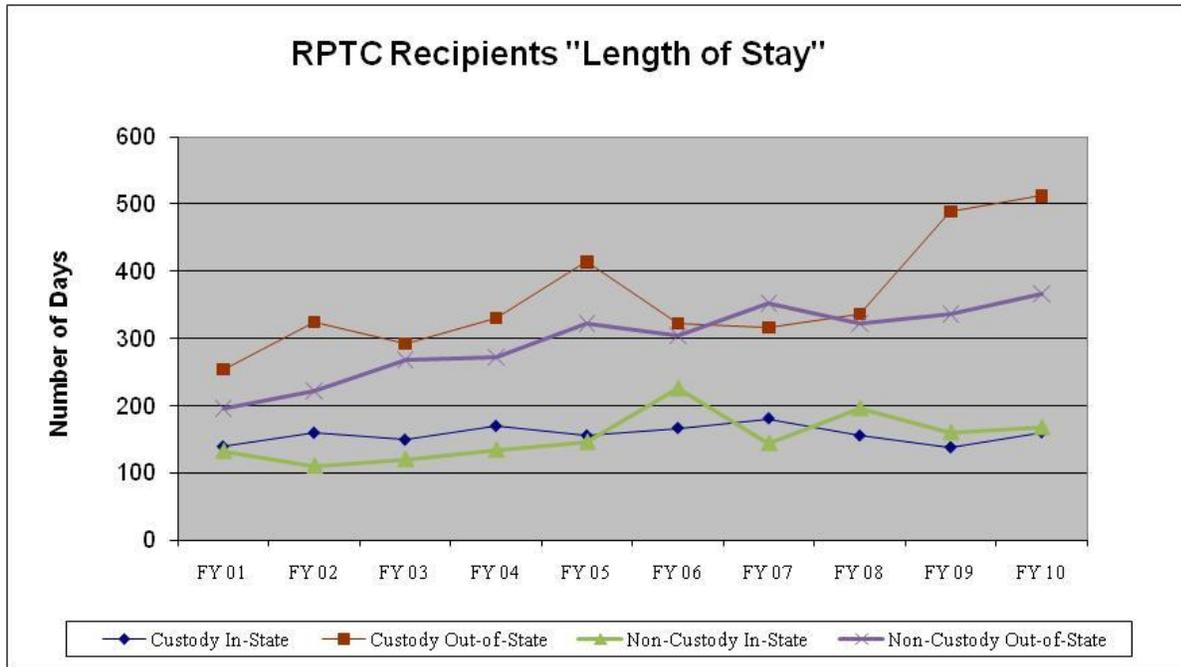
Data Source: MMIS SYF 10

Note: This data were re-calculated over the 10 year period using a methodology that reflects a more precise LOS over time.

Table 8

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	FY 10
Custody In-State		13%	-6%	12%	-8%	7%	8%	-14%	-11%	14%
Custody Out-of-State		22%	-10%	11%	20%	-22%	-2%	6%	31%	4%
Non-Custody In-State		-17%	8%	10%	8%	35%	-36%	26%	-18%	5%
Non-Custody Out-of-State		12%	17%	1%	16%	-6%	14%	-8%	4%	8%

Data Source: MMIS SYF 10



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 9)

Table 9

	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.
 Note: Estimates show a 15% increase in bed capacity for SFY '10 for an estimated total 1,020 beds.

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 10)

For SFY 2010,

- Custody In-State recidivism rate was 2%.
- Custody Out-of-State recidivism rate was 19%

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).*

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*

- Non-Custody In-State recidivism rate was 9%.
- Non-Custody Out-of-State recidivism rate was 9%.
- For SFY '10, the over-all recidivism rate was 8.6% (35 cases) for readmission to an RPTC within 365 days of the discharge date.
- Of the 35 cases that experienced a readmission to an RPTC within 365 days of discharge,
 - 13 cases were readmitted in 1-30 days of discharge
 - 17 cases were readmitted in 31-180 days of discharge
 - 5 cases were readmitted in 181-365 days of discharge
- The SFY '10 over-all recidivism rate of 8.6% (35 cases) is compare to:
 - a SFY '09 rate of 3.4% (16 cases)
 - 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)

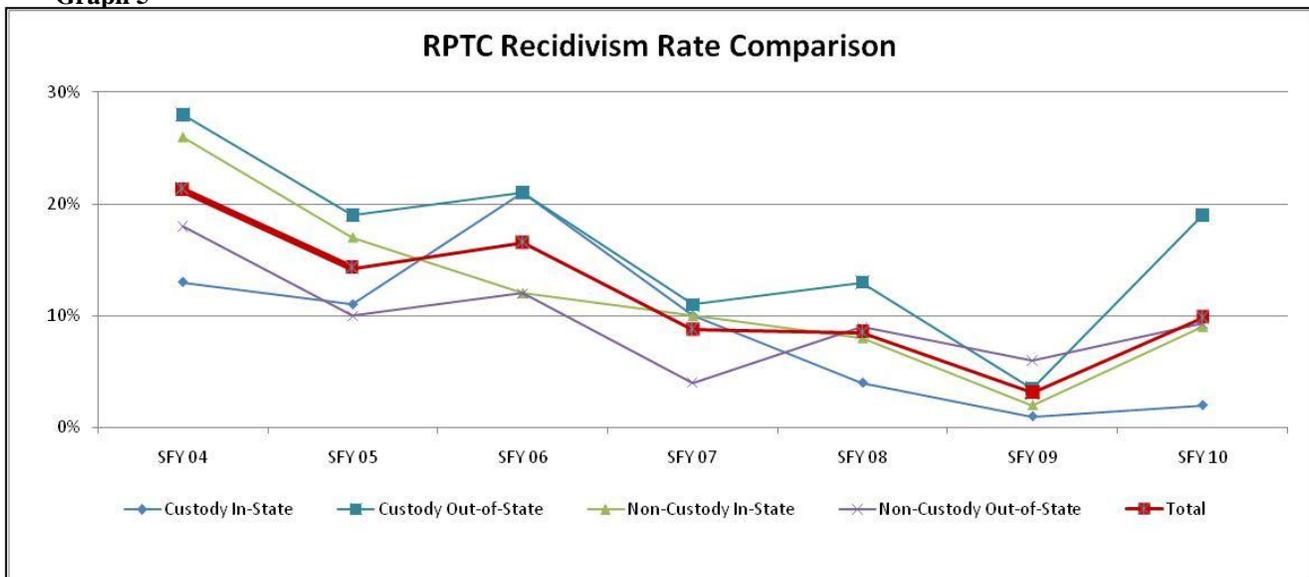
Table 10

RPTC Recidivism Rates								
Custody Status	Placement	Discharges by SFY		Readmissions			Total Readmits	%
				Following Discharge within...				
				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%
		SFY 10	59	--	1	--	1	2%
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%
		SFY 10	16	3	--	--	3	19%
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%
		SFY 10	236	3	14	5	22	9%
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%
		SFY 10	97	7	2	--	9	9%

Data Source: MMIS SYF 10

Graph 5



Graph 6

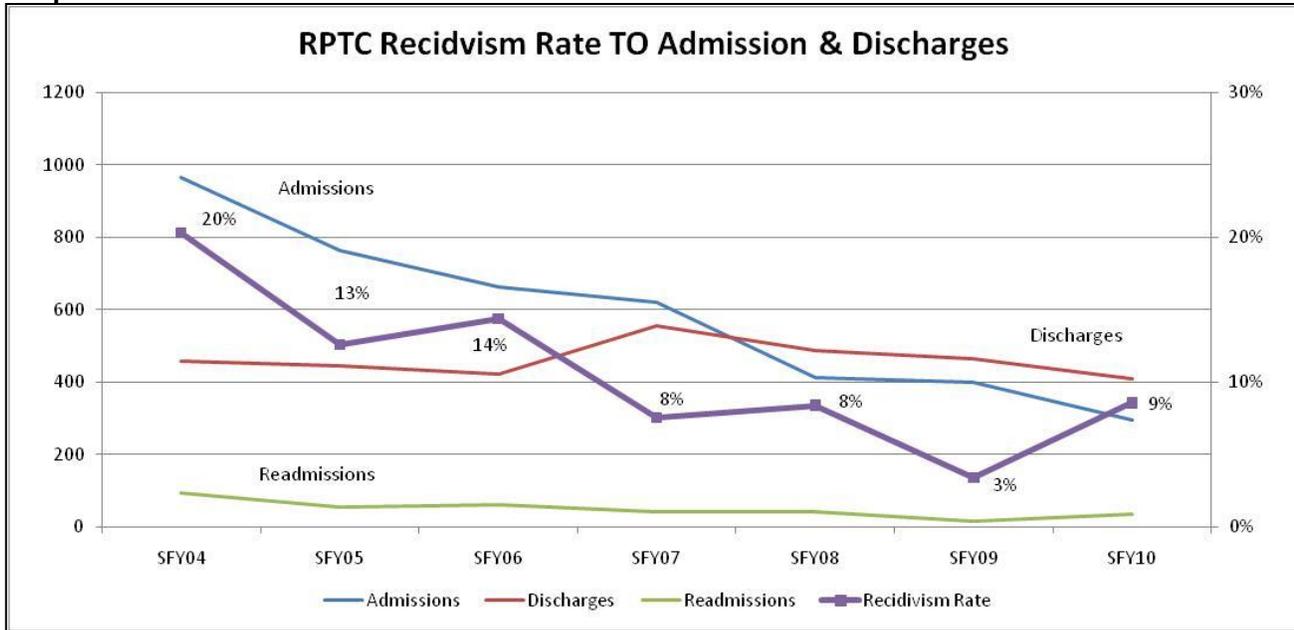


Table 10: NOTE:

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 in Alaska. It is the intent of the BTKH steering committee to integrate assessment of residential services into the *Performance Management System*.

In July SFY 10, the DHSS / Behavioral Health implemented the residential version of the *Behavioral Health Consumer Survey (BHCS)*⁶ as the instrument to measure the client satisfaction with 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).

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)*.

Methodology: The month after client discharge UR staff makes a collective effort to contact clients' discharge placement to gather correct mailing addresses. Clients over the age of 18 and Client guardians are informed that they will receive an RPTC BHCS to be completed and returned in the paid postage envelop. When the data are received by DBH they are entered and will be reported and analyzed with the same methodology as the Community-Based BHCS.

From July 1, 2010 to September 30, 2010 there were 165 discharges from RPTCs. To date UR staff has attempted to contact 86 client placements to update mailing addresses. Of the 86 attempts there were 28 successes. Fifty-eight failures due to no answers and wrong numbers mainly.

Surveys were mailed to 25 of the client placements.

Result from the mailed out surveys:

Table 11

Surveys	Adolescent	Parent	Adult	Total
Mailed Out	22	22	3	47
Completed	2	3	-	5
Undeliverable	6	6	-	12
Return Rate	12.5%	18.8%	0%	14.3%

Note: Twenty-five client placements contacted after discharge

Demographics of the Clients mailed surveys:

- Clients receiving BHCS surveys had been discharged from various RPTCs both in-state and out-of-state. (In-state = 10; Out-of-state = 15)
- Age range (10 to 13 year olds = 2; 14 to 16 year olds = 14; 17 to 19 year olds = 9)
- Custody status (DJJ = 4; State custody = 1; Non-custody = 20)
- Gender (Female = 6; Male = 19)
- At the time of guardian contact 100% of the clients were Medicaid eligible

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

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*