

Department of Health & Social Services
Behavioral Health

Bring the Kids Home: Indicators for SFY 08

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 population as a whole has also showed steady increase from SFY 98-04. Between SFY 2007 and 2008:

- The distinct number of In-State Custody RPTC recipients “admitted” during SFY 08 **decreased** by 14%.
- The distinct number of Out-Of-State Custody RPTC recipients “admitted during SFY 08 **decreased** by 42%
- The distinct number of In-State Non-Custody RPTC recipients “admitted” during SFY 08, **decreased** by 41%
- The distinct number of Out-of-State Non-Custody RPTC recipients “admitted” during SFY 08, **decreased** by 29%.
- The distinct number of total RPTC admissions for SFY '08 **decreased** by 33%.
- The total RPTC admissions for SFY '08 are 28% lower than in SFY 01.

Table 1

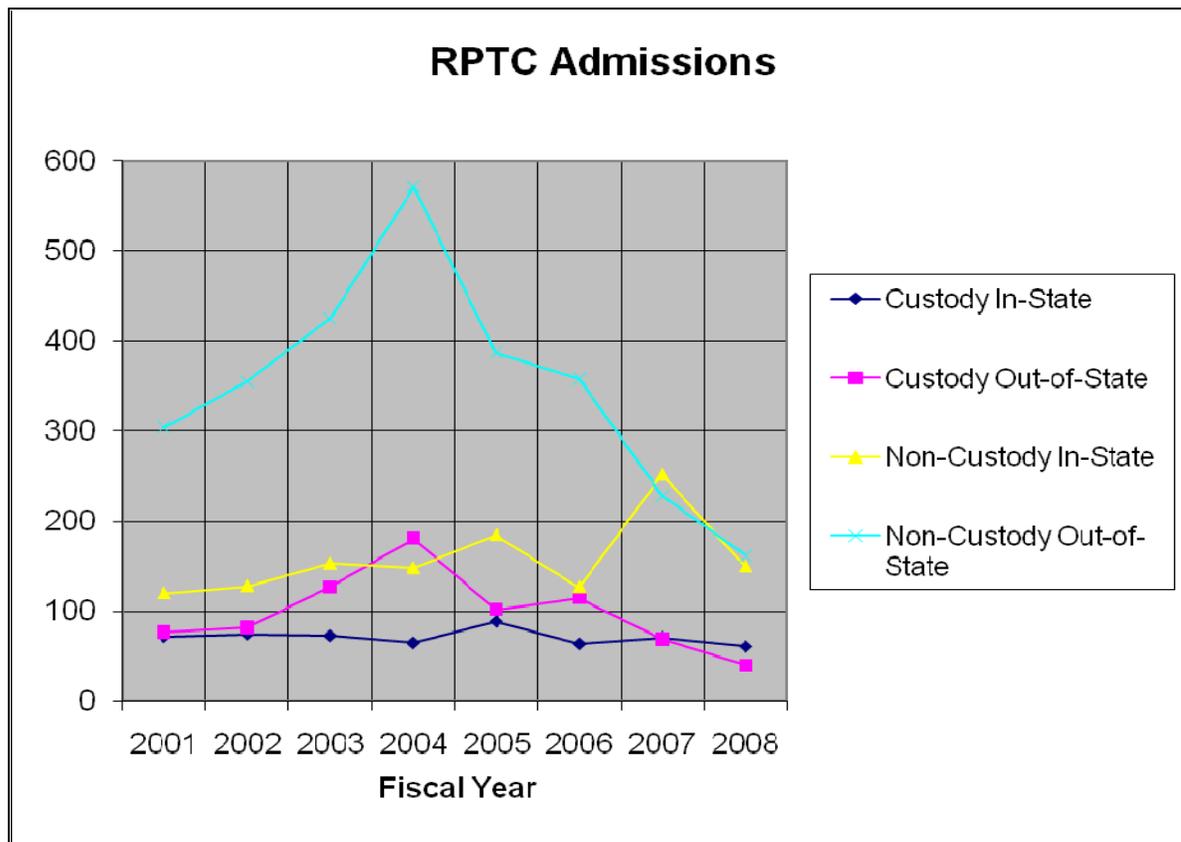
Unduplicated Count of Medicaid RPTC Recipients “Admitted”								
	2001	2002	2003	2004	2005	2006	2007	2008
Custody In-State	72	75	73	65	89	64	71	61
Custody Out-of-State	77	82	127	181	102	115	69	40
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Non-Custody In-State	120	128	153	148	185	127	252	150
Non-Custody Out-of-State	304	355	425	571	387	358	228	162
Total	573	640	778	965	763	664	620	413

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 2

Percentage of Increase (Decrease) between SFY- Distinct RTPC Medicaid Recipients "Admitted"								
	SFY 01	SFY 02	SFY 03	SFY 04	SFY 05	SFY 06	SFY 07	SFY 08
Custody In-State		4.17%	(2.67%)	(10.95%)	36.9%	(28%)	9%	(14%)
Custody Out-of-State		6.5%	54.9%	42.5%	(43.6%)	12.7%	(40%)	(42%)
Non-Custody In-State		6.7%	19.5%	(3.3%)	25%	(31.4%)	50%	(41%)
Non-Custody Out-of-State		16.7%	19.7%	34.4%	(32.2%)	(7.5%)	(36.3%)	(29%)
Total		11.7%	21.6%	24.0%	(20.9%)	(13%)	(6.6%)	(33%)

Table 3



(Reference Table 4-6)

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. The RPTC population as a whole has also showed steady increase from SFY 98-04, an average annual increase of 24.8%. Between SFY 2007 and 2008:

- The distinct number of Out-Of-State RPTC recipients during SFY 08 **decreased** by 20%, and is 11% below the rate of SFY 02
- The distinct number of In-State RPTC recipients during SFY 08 **decreased** by 5%.
- The total RPTC recipient (847) during SFY '08 decreased by 14%, and is below the SFY 03 level of utilization.

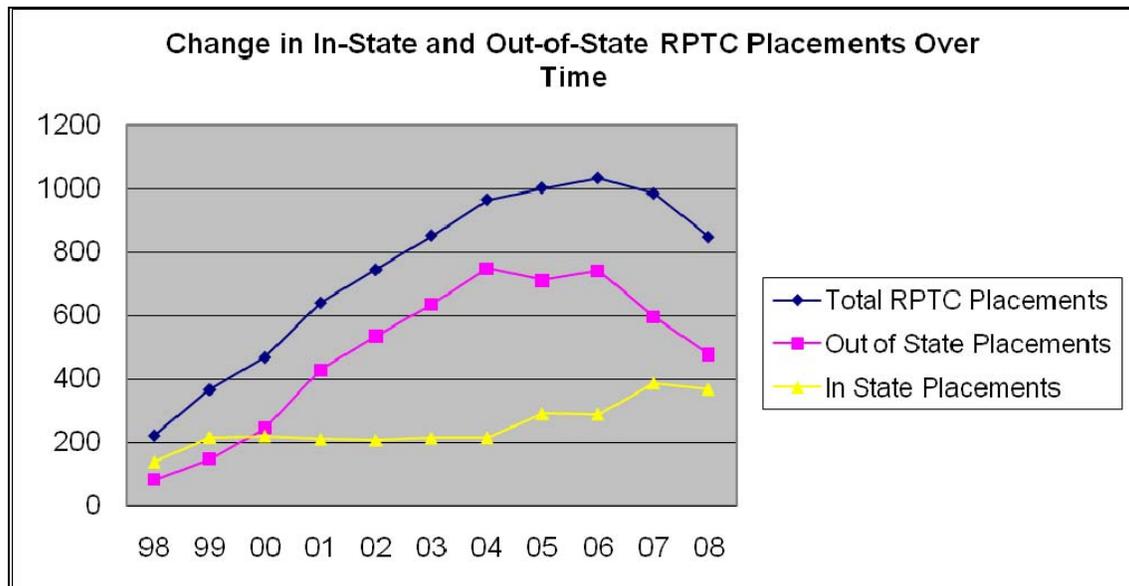
Table 4

Distinct Counts of Medicaid RPTC Recipients by State Fiscal Year											
	SFY 98	SFY 99	SFY 00	SFY 01	SFY 02	SFY 03	SFY 04	SFY 05	SFY 06	SFY 07	SFY 08
Out of State	83	149	247	429	536	637	749	711	743	596	478
In State	139	217	221	211	208	215	216	291	290	388	369
Total	222	366	468	640	744	852	965	1,002	1,033	984	847

Table 5

Percentage of Increase (Decrease) between SFY Distinct Counts of Medicaid RPTC Recipients by State Fiscal Year											
	SFY 98	SFY 99	SFY 00	SFY 01	SFY 02	SFY 03	SFY 04	SFY 05	SFY 06	SFY 07	SFY 08
Out of State		67.4%	65.8%	73.7%	24.9%	18.8%	17.6%	(5.1%)	4.5%	(19.8%)	(20%)
In State		56.1%	1.8%	(4.5%)	(1.4%)	3.4%	0.4%	34.7%	(0.3%)	33.8	(5%)
Total		64.9%	27.9%	36.8%	16.3%	14.5%	13.3%	3.8%	3.1%	(4.8%)	(14%)

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 RTPC Medicaid expenditures experienced an average annual increase of 59.2% and an overall increase of over 1300%. During the same time period in-state RTPC Medicaid expenditures increase a little more than 300% and realized smaller average annual increases of 29.6%. Between SFY 2007 and 2008:

- Out-of-State RTPC Medicaid expenditures **decreased by 27%**
- In-State RTPC Medicaid expenditures **essentially remained at 2007 levels**
- For SFY 08, total RTPC Medicaid expenditures **decreased by 17%**, and are 3% lower than SFY 04.

Table 8

RTPC Medicaid Claims Payments by Fiscal Year

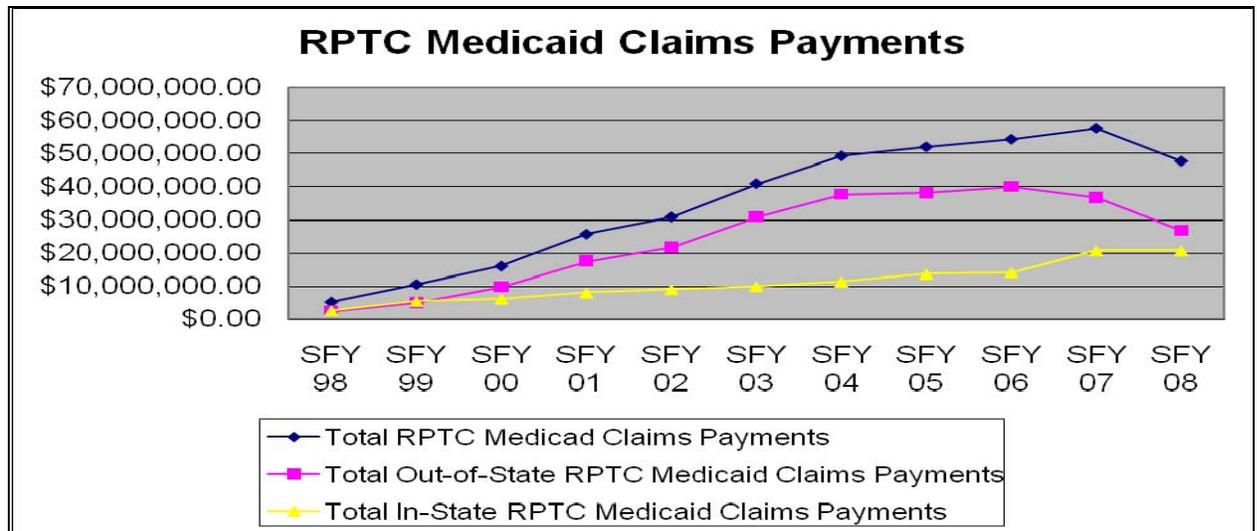
	SFY 98	SFY 99	SFY 00	SFY 01	SFY 02	SFY 03	SFY 04	SFY 05	SFY 06	SFY 07	SFY 08
Out of State	2,609,857	5,098,189	9,873,606	17,609,108	21,752,228	30,915,287	37,794,039	38,202,707	40,008,891	36,745,804	26,848,252
In State	2,823,582	5,623,348	6,286,219	8,242,948	9,229,970	10,093,200	11,532,083	13,812,640	14,297,112	20,888,007	20,896,822
Total	5,433,439	10,721,537	16,159,825	25,852,056	30,982,198	41,008,487	49,326,122	52,015,347	54,306,003	57,633,811	47,745,074

Table 9

Percentage of Increase (Decrease) Between SFY- Medicaid RTPC Claims Payments

	SFY 1998	SFY 1999	SFY 2000	SFY 2001	SFY 2002	SFY 2003	SFY 2004	SFY 2005	SFY 2006	SFY 2007	SFY 2008
OOS	-	49%	49%	44%	23.5%	30%	22.3%	1.1%	4.4%	(8%)	(27%)
In-State	-	99.2%	11.8%	24%	12.0%	9.4%	13%	17%	3.5%	32%	.001%
Total	-	97.3%	34%	37%	17%	25%	17%	5%	4%	6%	(17%)

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 9-10)

Average Length of Stay for RPTC in SFY 08:

- In-State Custody: 154 days. This is a reduction of 10% from SFY 07.
- Custody Out-of State: 302 days. This is an increase of 9 days (3%) from SFY 07.
- In-State Non-Custody: 191 days. This is an increase of 50 days (27%) from SFY 07.
- Out-of-State Non-Custody: 322 days. This is a reduction of 13 days (4%) from SFY 07.

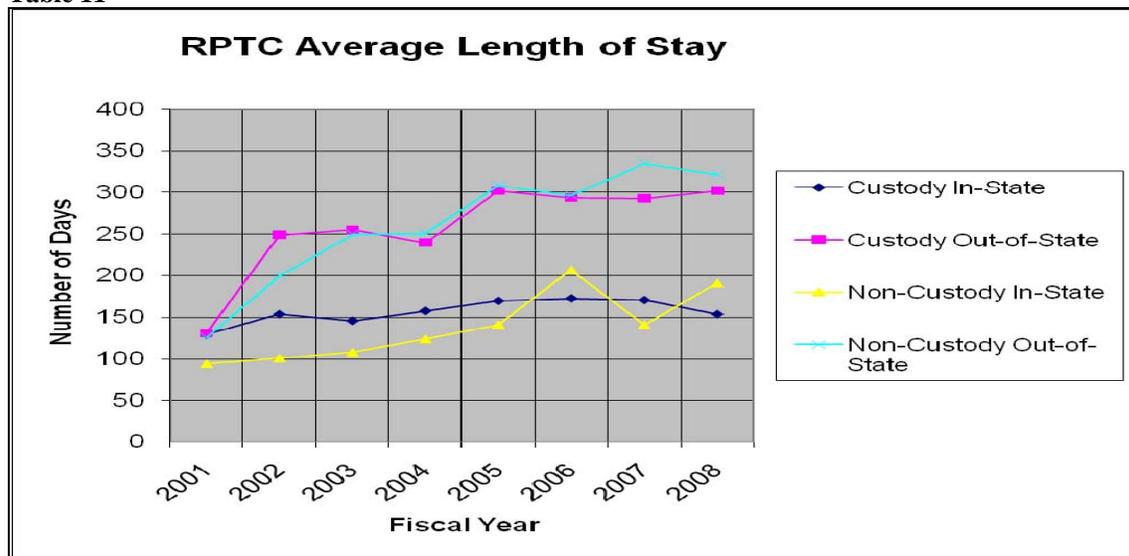
Table 9

Average Length of Stay (in days)									
Custody	IO	01	02	03	04	05	06	07	08
Custody	In-State	129.5	154	146	158	170	173	171	154
Custody	Out-Of-State	131.4	249	255	240	302	294	293	302
Non-Custody	In-State	94.0	101	108	124	141	207	141	191
Non-Custody	Out-Of-State	126.3	200	250	251	309	297	335	322

Table 10

Percentage of Increase (Decrease) between SFY – Average Length of Stay									
Custody	IO	01	02	03	04	05	06	07	08
Custody	In-State		18.9%	(5.2%)	8.2%	7.6%	1.8%	(1.16%)	(10%)
Custody	Out-Of-State		89.5%	2.4%	(5.9%)	25.8%	(2.6%)	(.0034%)	3%
Non-Custody	In-State		7.4%	6.9%	14.8%	13.7%	46.8%	(31.9%)	27%
Non-Custody	Out-Of-State		58.4%	25%	0.4%	23.1%	(3.9%)	12.8%	(4%)

Table 11



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 12)

Table 12

	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09
In-state Bed Capacity (below RPTC) (Existing & Projected)				530	530	530	535	589	716	880
In-state Bed Capacity (RPTC) (Existing & Projected)				123	123	123	123	183	183	275
TOTAL In-State Beds				653	653	653	658	772	899	1155

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 13-17)

- Custody In-State recidivism rate was 4%; a 6% decrease from SFY 07 (10%).
- Custody Out-of-State recidivism rate was 13%, a small increase over SFY 07 (11%).
- Non-Custody In-State recidivism rate was 8%, a small decline over SFY 07 (10%)
- Non-Custody Out-of-State recidivism rate was 9%, an increase over SFY 07 (4%).
- For SFY '08, the over-all recidivism rate was 8.4% (41 cases) for a readmission to an RPTC within 365 days of the date of discharge. This is essentially the same rate of the SFY 07 recidivism rate of 8.75% (42 cases).
- Of the 41 cases that experienced a readmission to an RPTC within 365 days of discharge,
 - 18 cases were readmitted in 1-30 days of discharge
 - 15 cases were readmitted in 31-180 days of discharge
 - 8 cases were readmitted in 181-365 days of discharge
- The SFY '08 over-all recidivism rate of 8.4% (41 cases) is compared to:
 - a SFY '07 rate of 8.75% (42 cases)
 - a SFY '06 rate of 14% (61 cases)
 - a SFY '05 rate of 11% (56 cases)
 - a SFY '04 rate of 20% (93 cases)

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*

Table 13 (Recidivism TOTAL)

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%
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%
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%
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%

NOTE:

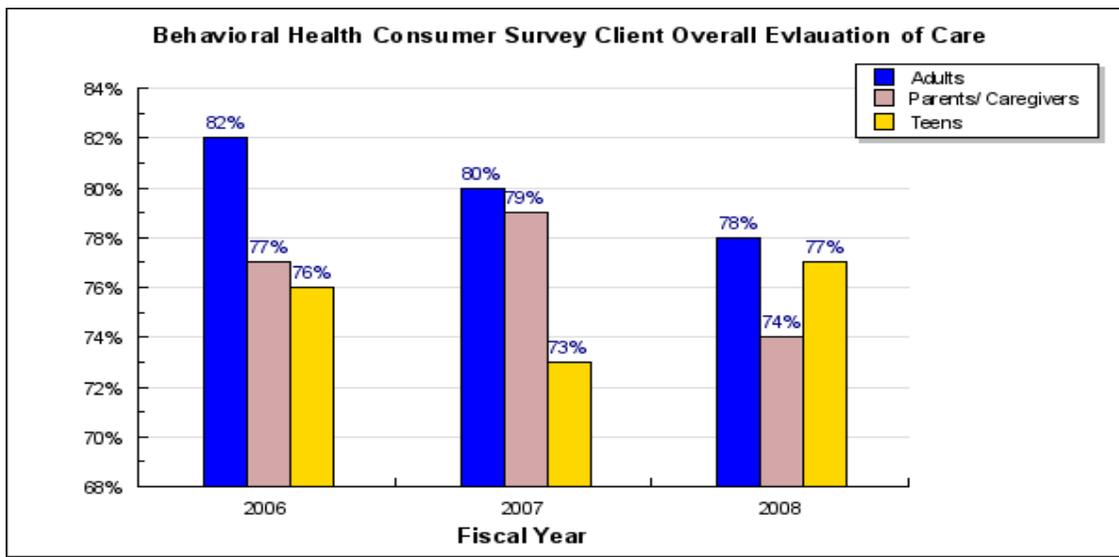
1. The data for Indicator #5 reflects RPTC re-admissions, and does not include admits to acute level of care.
2. This data does not include lateral transfers from one RPTC facility to another.

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 09, the DHSS / Behavioral Health will be implementing 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).

The following is an example of client satisfaction that reports in a similar manner, except for community based services.



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*

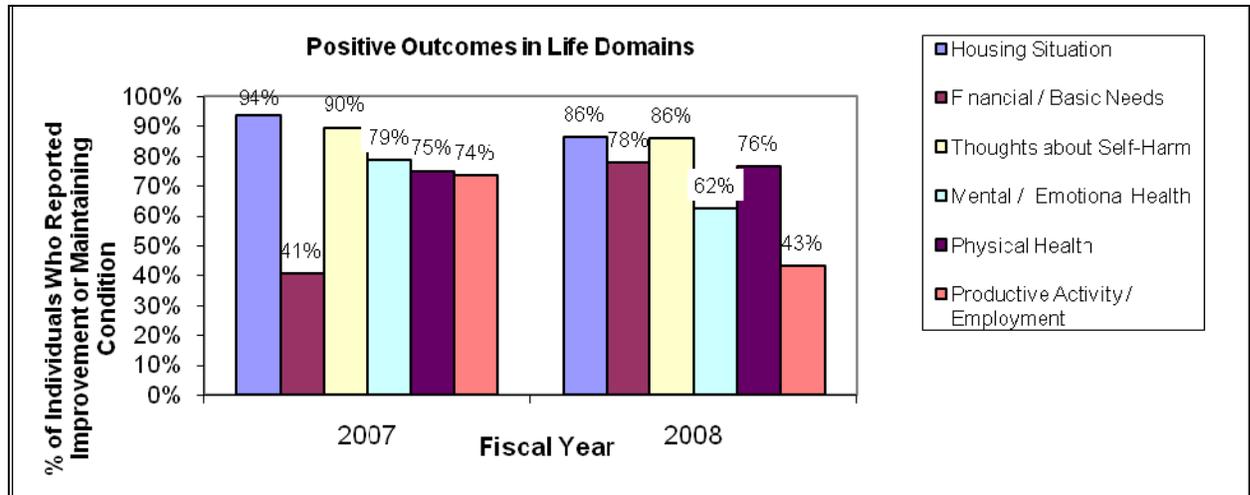
⁵ http://www.hss.state.ak.us/dbh/perform_measure/perfmeasuredefault.htm

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)*.

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 09, 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.

The following is an example of client satisfaction that reports in a similar manner, except for community based services.



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*