

State of Alaska

Department of Health & Human Services

Division of Behavioral Health

Policy & Planning: Research Unit



Bring the Kids Home

RPTC Discharged Recipient Summary

July 1, 2008 – June 30, 2009

February 2010

BTKH - RPTC Discharged Recipient Summary (SFY2009)

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Introduction

Beginning in the late 1990s and continuing through 2004, the number of Alaskan children receiving behavioral health services in out-of-state (OOS) Residential Psychiatric Treatment Centers (RPTCs) rose dramatically. Each year the State of Alaska spent millions of dollars on OOS RPTC care for Alaskan children experiencing severe emotional disturbances.

The Bring the Kids Home Initiative (BTKH) was implemented in 2003 to identify in-state service gaps and fund infrastructure that would enable communities to serve these youth as close to home as possible. Since its inception in 2003, BTKH has successfully decreased the number of youth admitting to RPTC treatment by 58.7% since SFY 04 (from 965 to 399). During SFY 09 there were 289 recipients admitted to in-state RPTCs and 110 recipients admitted to OOS RPTCs (BTKH_SFY_09_Data_(final)).

Methodology

Division of Behavioral Health (DBH) contracts with Qualis Health to prior authorize admissions and ongoing treatment provided by inpatient psychiatric facilities and collect data. Qualis Health developed a web based system (IExchange) in which providers enter clinical and demographic recipient information. A data disk is sent to DBH monthly with updated information. This data was used for this report.

The dataset name for this project is “AKBH-DemoGraphics-DxCharact_12-09.xls” taken from the disc AK-BH_12-09. Data for this project was limited to those recipients who were discharged from in-state and out-of-state (OOS) RPTCs. In addition to data from Qualis Health a query was developed to extract data from STARS (a subset of MMIS) for all outpatient behavioral health services to include pharmaceutical management, residential services, case management, substance abuse, and clinical services. In total there were 473 unique clients and 486 discharges.

Limitations

As in all data sources, there are inherent limitations:

- Staff entering data maybe clinical or clerical
- Staff training or lack thereof, may effect quality of data being input
- Inaccurate or outdated information being input
- Multi organizations entering data (consistency)
- Timely filing of Medicaid claims

Findings

- There were a total of 486 RPTC discharges and a 473 unique client count (**Table 1**)
- The average length of stay for OOS RPTCs (271 days) was higher than the average length of stay in in-state RPTCs (199 days) (**Table 3**)
- It was reported that about 66% of the OOS recipients returned to either their parent(s)' or to another relative's home after discharge (**Table 4**)
- Outpatient behavioral health services were billed to Medicaid for 96% of discharged recipients between 30 days prior to discharge and 120 days after discharge (**Table 6a**)
- Youth 14 – 17 years of age were the largest group discharged from RPTCs during the SFY09 (**Table 7**)
- 25% of discharged recipients were young adults 18 – 21 years old (**Table 7**)
- 36% of the total discharged recipients in RPTC's were Alaska Native; 39 % in-state and 32% OOS (**Table 8**)
- About 20% of the total discharged RPTC recipients were in state custody; about 21% of the in-state recipients were in custody and 17% of the OOS recipients (**Table 10**)
- There is a 17% drop of Medicaid billed outpatient behavioral health services from (0 to 30 days) post discharge to (31 to 60 days) post discharge and 30% drop in the same services by 120 days post discharge (**Table 6a**)
- There is a higher percent of the 10 to 13 year olds that continued outpatient behavioral health services post discharge (**Table 6b**)

BTKH - RPTC Discharged Recipient Summary (SFY2009)

Table 1. Residential Psychiatric Treatment Center Discharges (SFY09)

	Client Count	%
RPTC In-State	278	57.2
RPTC Out-of-State	208	42.8
Total	486	

Note: 473 Unique Client Count discharged from In-State and Out-of-State RPTC's
 Source: Qualis Health

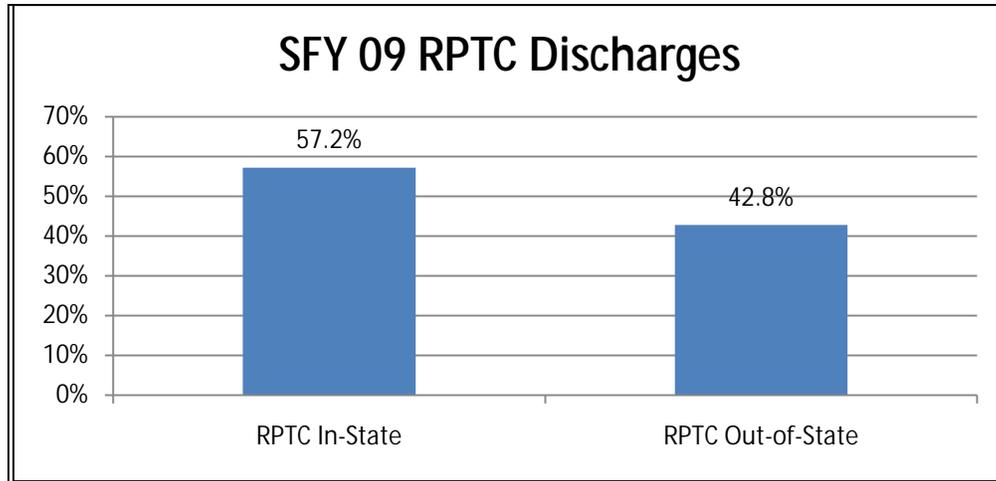


Table 2. Treatment Facility BY State Location

Location of Treatment Attended	Discharge Count	%
Alaska	278	57.2
Utah	91	18.7
Texas	51	10.5
Colorado	15	3.1
Montana	13	2.7
Idaho	11	2.3
Oregon	8	1.6
Arkansas	6	1.2
Florida	6	1.2
Wisconsin	3	0.6
Illinois	2	0.4
Nevada	1	0.2
Virginia	1	0.2
Total	486	

Note: Clients had multiple discharge dates from distinct facilities during SFY09.
 Source: Qualis Health

BTKH - RPTC Discharged Recipient Summary (SFY2009)

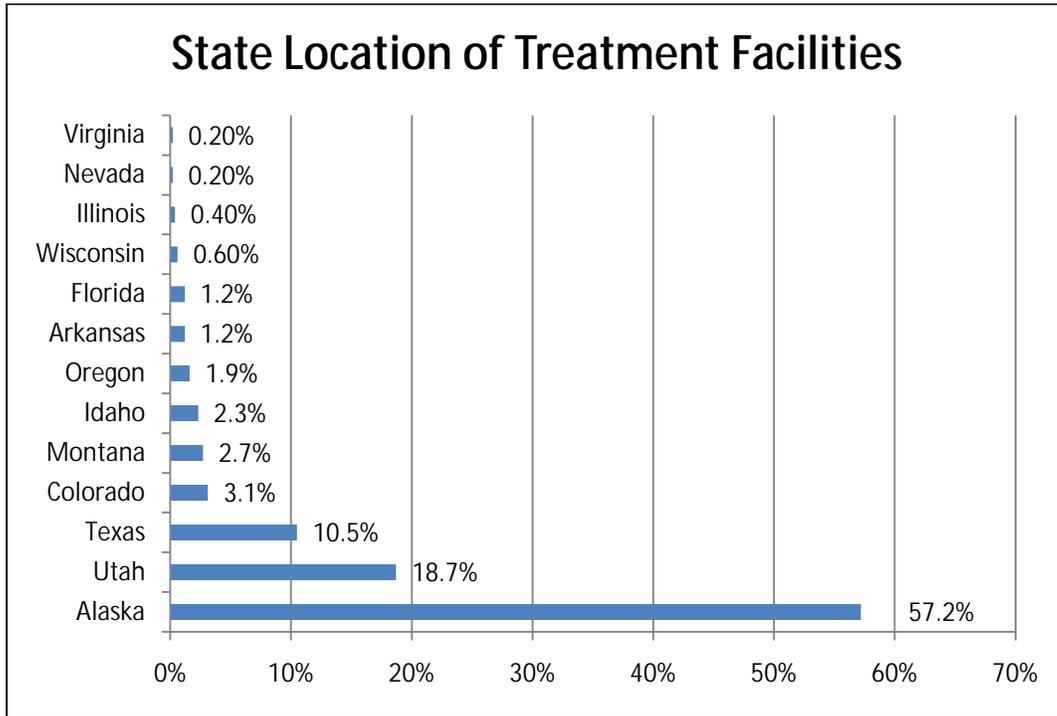


Table 3. Length of Stay: Measures of Central Tendency (days)

	Mean	Median	Mode	Minimum	Maximum	Range	Std. Deviation
Total	231	222	269	30	560	530	114
In-State	199	189	269	30	497	467	108
OOS	271	255	259	56	560	504	108

Note: Outliers less than 30 days were not used in these calculations

Source: Qualis Health

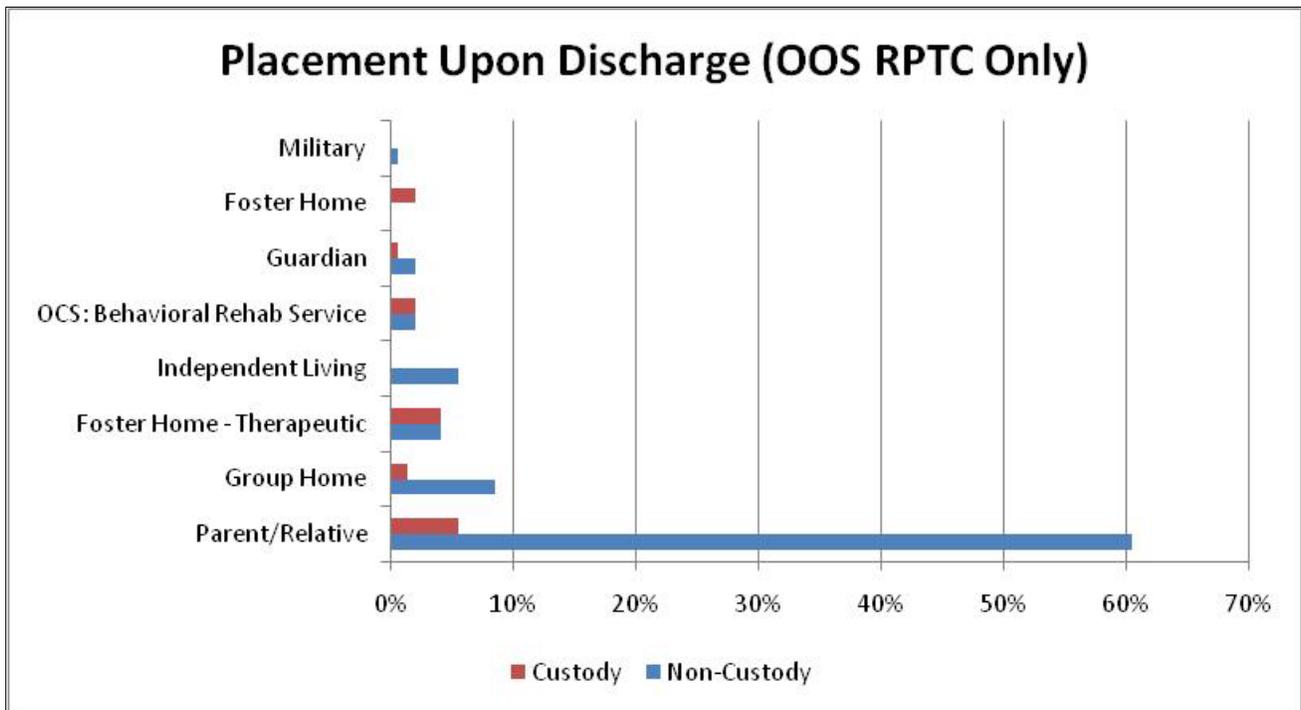
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Table 4. Placement Upon Discharge (OOS RPTCs ONLY) BY Custody

	Non-Custody	Custody	Total
Parent/Relative	86 (60.5%)	8 (5.6%)	94 (66.2%)
Group Home	12 (8.5%)	2 (1.4%)	14 (9.9%)
Foster Home - Therapeutic	6 (4.2%)	6 (4.2%)	12 (8.5%)
Independent Living	8 (5.6%)	0 (0%)	8 (5.6%)
OCS: Behavioral Rehab Service	3 (2.1%)	3 (2.1%)	6 (4.2%)
Guardian	3 (2.1%)	1 (0.7%)	4 (2.8%)
Foster Home	0 (0%)	3 (2.1%)	3 (2.1%)
Military	1 (0.7%)	0 (0%)	1 (0.7%)
Total	119 (83.8%)	23 (16.2%)	142 (100%)

Note: 142 discharged outcomes were reported out of 208 OOS discharges

Source: Qualis Health



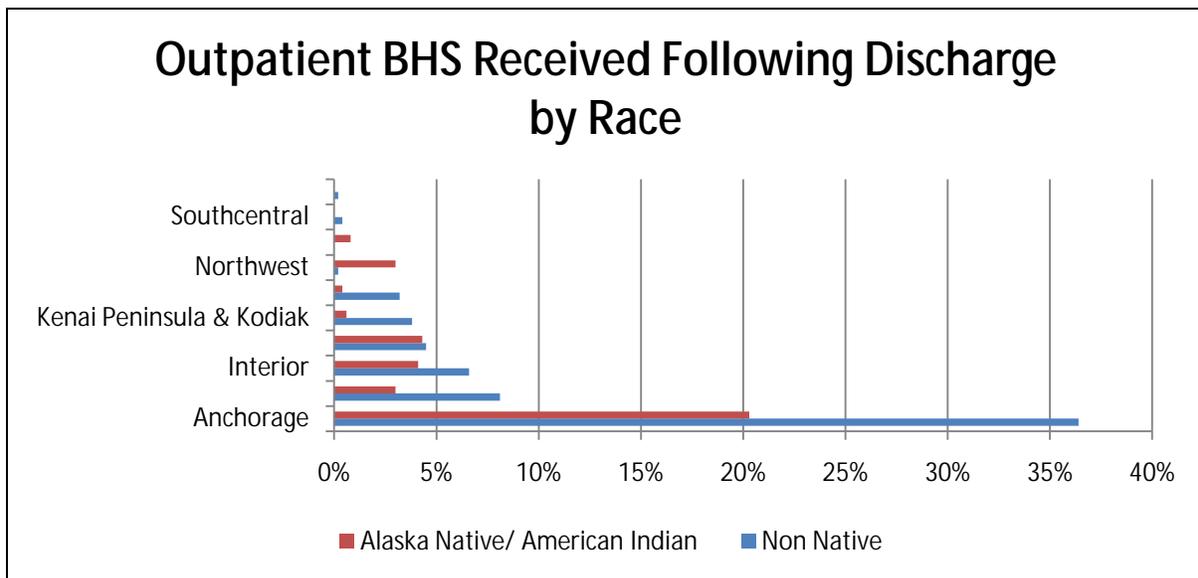
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Table 5. Outpatient Behavioral Health Services (BHS) Received Following Discharge

Region	Non Native (% of Total)	Alaska Native/ American Indian (% of Total)	Total (% of Total)
Anchorage	171 (36.4%)	95 (20.3%)	266 (56.7%)
Mat-Su	38 (8.1%)	14 (3.0%)	52 (11.1%)
Interior	31 (6.6%)	19 (4.1%)	50 (10.7%)
Southeast	21 (4.5%)	20 (4.3%)	41 (8.7%)
Kenai Peninsula & Kodiak	18 (3.8%)	3 (0.6%)	21 (4.5%)
Unknown	15 (3.2%)	2 (0.4%)	17 (3.6%)
Northwest	1 (0.2%)	14 (3.0%)	15 (3.2%)
North	0 (0.0%)	4 (0.8%)	4 (0.8%)
Southcentral	2 (0.4%)	0 (0.0%)	2 (0.4%)
Southwest	1 (0.2%)	0 (0.0%)	1 (0.2%)
Total	298 (63.5%)	171 (36.5%)	469

Note: 96.5% of the RPTC recipients discharged received Outpatient BHS between 30 days prior to discharge to 120 days post discharge.

Source: STARS

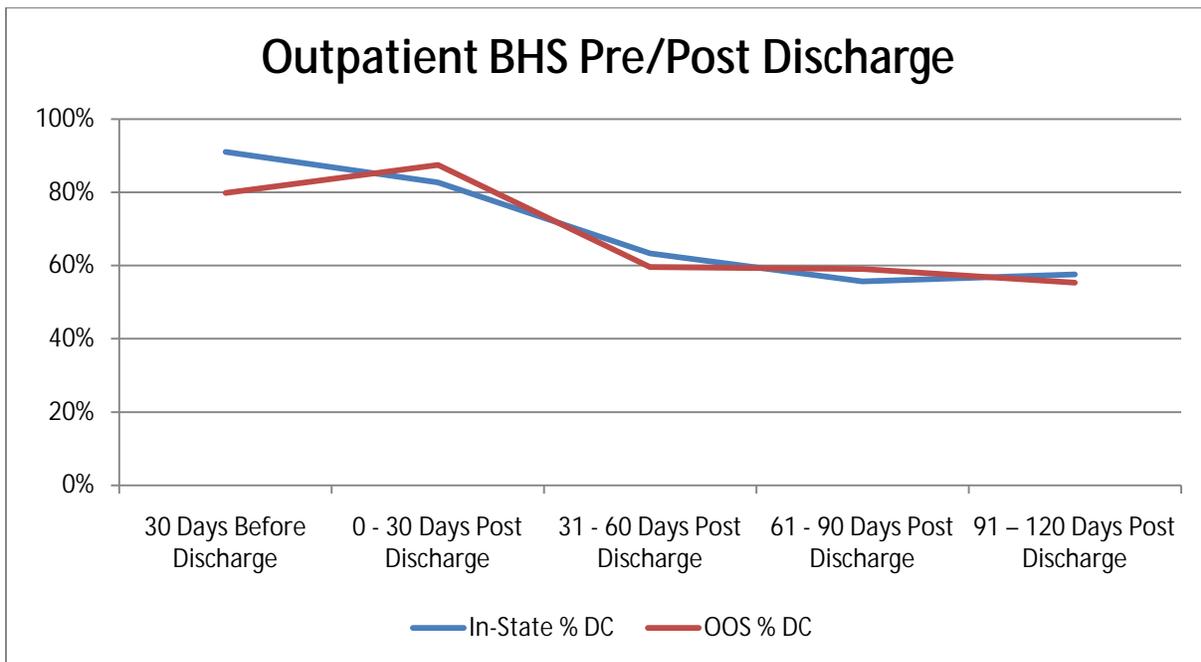


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Table 6a. Outpatient BHS Pre/Post Discharge

	In-State RPTC (278 DC)	% of In-State DC	OOS RPTC (208)	% of OOS DC	Total (486) (% of Total DC)
30 Days Before Discharge	253	91.0	166	79.8	419 (86.2)
0 - 30 Days Post Discharge	230	82.7	182	87.5	412 (84.7)
31 - 60 Days Post Discharge	176	63.3	124	59.6	300 (61.7)
61 - 90 Days Post Discharge	152	55.7	123	59.1	275 (56.6)
91 - 120 Days Post Discharge	160	57.6	115	55.3	275 (56.6)

Source: STARS

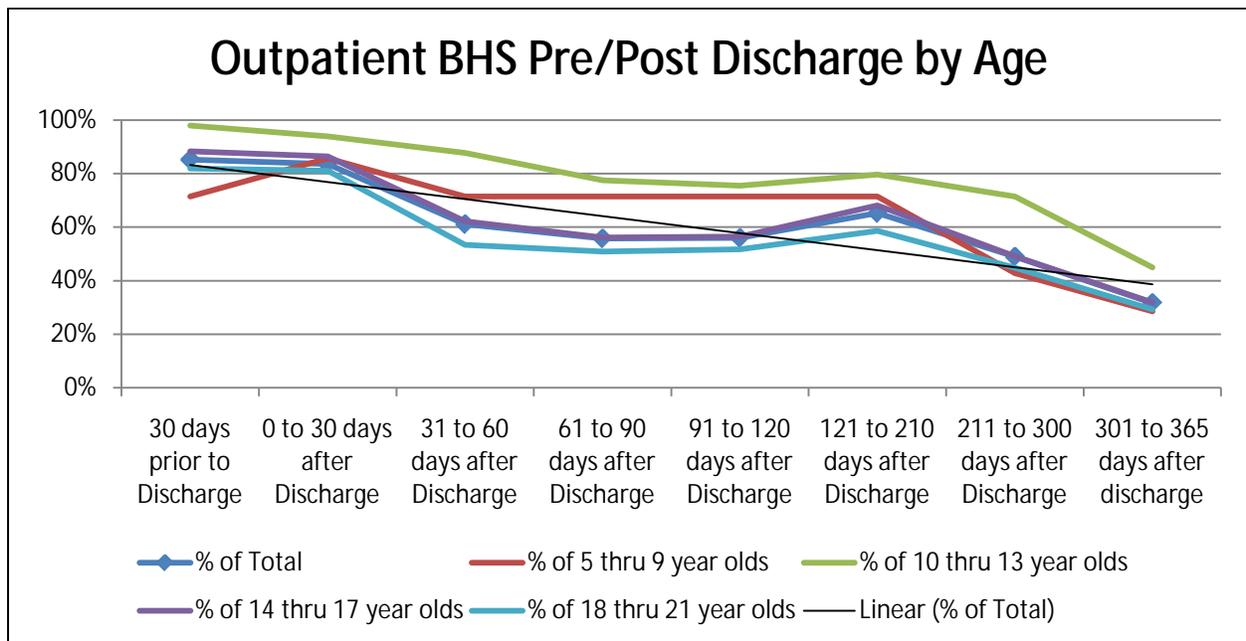


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Table 6b. Outpatient BHS Pre/Post Discharge

	% of Total	% of 5 thru 9 year olds	% of 10 thru 13 year olds	% of 14 thru 17 year olds	% of 18 thru 21 year olds
30 days prior to Discharge	85.2	71.4	98.0	88.4	81.9
0 to 30 days after Discharge	83.5	85.7	93.9	86.4	81.0
31 to 60 days after Discharge	61.1	71.4	87.8	62.1	53.4
61 to 90 days after Discharge	55.8	71.4	77.6	56.1	50.9
91 to 120 days after Discharge	56.0	71.4	75.5	56.5	51.7
121 to 210 days after Discharge	65.2	71.4	79.6	68.1	58.6
211 to 300 days after Discharge	49.0	42.9	71.4	49.2	44.8
301 to 365 days after discharge	31.7	28.6	44.9	31.9	29.3

Source: STARS



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Table 7. Recipient Age at Discharge

	In-State RPTC (%)	OOS RPTC (%)	Total (%)
5 thru 9 years old	5 (1.8%)	2 (1.0%)	7 (1.4%)
10 thru 13 years old	30 (11.2%)	19 (9.3%)	49 (11.1%)
14 thru 17 years old	192 (71.4%)	109 (53.4%)	301 (63.6%)
18 thru 21 years old	42 (15.6%)	74 (36.3%)	116 (24.5%)
Total	269 (100%)	204 (100%)	473 (100%)

Source: Qualis Health

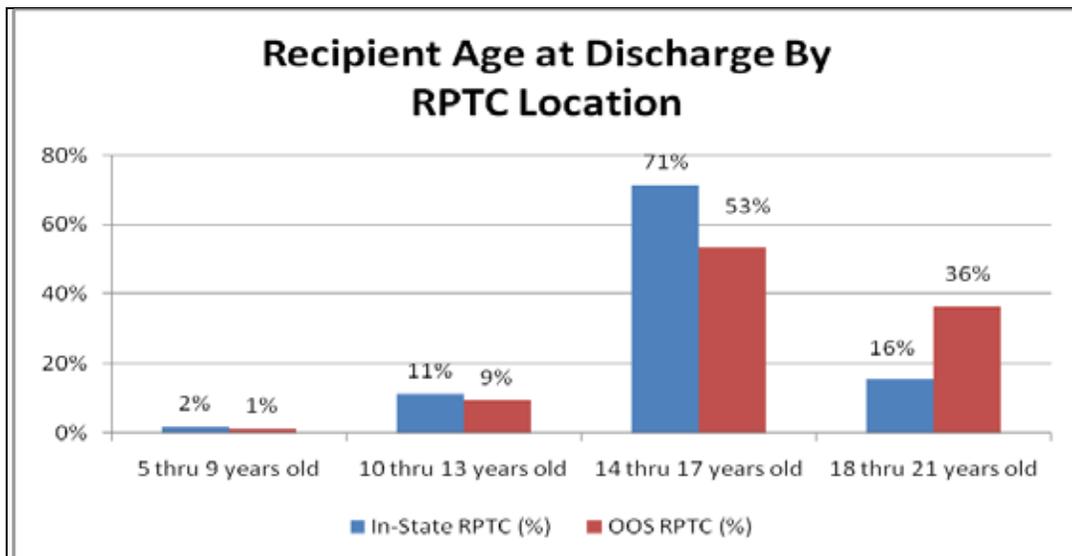


Table 8. Recipient Race

	% of In-State RPTC	% of OOS RPTC	% of Total RPTC
White	118 (43.9%)	107 (52.5%)	225 (47.6%)
Alaska Native/American Indian	105 (39.0%)	66 (32.4%)	171 (36.2%)
Other	46 (17.1%)	31 (15.2%)	77 (16.3%)
Total	269 (100%)	204 (100%)	473 (100%)

Source: Qualis Health

BTKH - RPTC Discharged Recipient Summary (SFY2009)

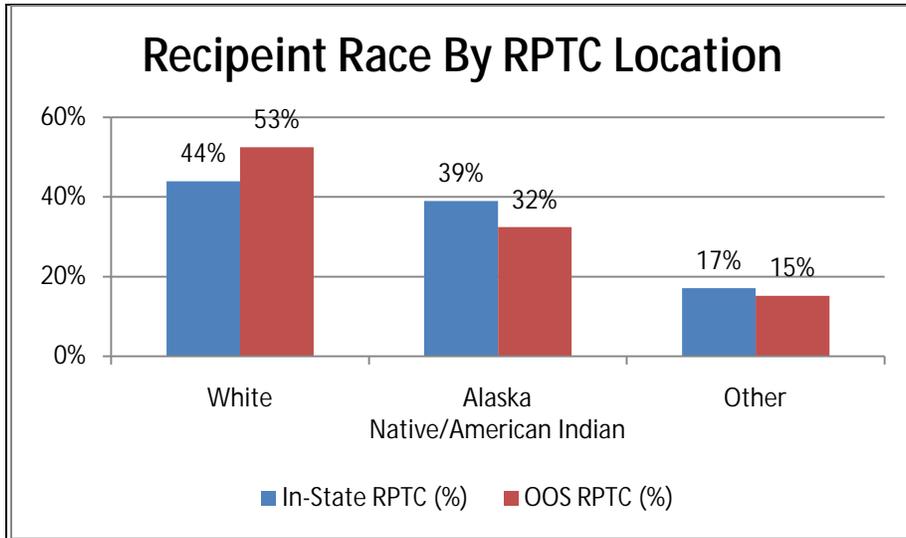


Table 9. Recipient Gender

	In-State RPTC (%)	OOS RPTC (%)	Total (%)
Female	123 (45.7%)	93 (45.6%)	216 (45.7%)
Male	146 (54.3%)	111 (54.4%)	257 (54.3%)
Total	269 (100%)	204 (100%)	473 (100%)

Source: Qualis Health

Table 10. Recipient Custody Status

	In-State RPTC (%)	OOS RPTC (%)	Total (%)
Non-Custody	215 (79.9%)	170 (53.3%)	385 (81.4%)
DJJ	25 (9.3%)	4 (2.0%)	29 (6.1)
OCS	29 (10.8%)	30 (14.7%)	59 (12.5%)
Total	269 (100%)	204 (100%)	473 (100%)

Source: Qualis Health

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Table 11. Recipients with IEPs BY Age

	In-State RPTC	OOS RPTC
5 thru 9 years old	4 (4.2%)	2 (2.4%)
10 thru 13 years old	17 (17.9%)	12 (14.3%)
14 thru 17 years old	60 (63.2%)	44 (52.4%)
18 thru 21 years old	14 (14.7%)	26 (31.0%)
Total RPTC	95 (100%)	84 (100%)

Source: Qualis Health

Table 12. Recipient Age BY Race

		Alaska Native/American Indian	White	Other	Total
In-State	5 thru 9 years old	0 (0.0%)	1 (0.8%)	4 (8.7%)	5 (1.9%)
	10 thru 13 years old	14 (13.3%)	12 (10.2%)	4 (8.7%)	30 (11.2%)
	14 thru 17 years old	76 (72.4%)	87 (73.7%)	29 (63.0%)	192 (71.4%)
	18 thru 22 years old	15 (14.3%)	18 (15.3%)	9 (19.6%)	42 (15.6%)
	Total In-State RPTC	105 (100%)	118 (100%)	46 (100%)	269 (100%)
OOS	5 thru 9 years old	0 (0.0%)	0 (0.0%)	2 (6.5%)	2 (1.0%)
	10 thru 13 years old	5 (7.6%)	11 (10.3%)	3 (9.7%)	19 (9.3%)
	14 thru 17 years old	29 (43.9%)	62 (57.9%)	18 (58.1%)	109 (53.4%)
	18 thru 22 years old	32 (48.5%)	34 (31.8%)	8 (25.8%)	74 (36.3%)
	Total Out-Of-State RPTC	66 (100%)	107 (100%)	31 (100%)	204 (100%)

Source: Qualis Health

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Table 13. Recipient Age BY Custody

		Non-Custody	DJJ	OCS	Total
In-state	5 thru 9 years old	3 (1.4%)	0 (0.0%)	2 (6.9%)	5 (1.9%)
	10 thru 13 years old	25 (11.6%)	0 (0.0%)	5 (17.2%)	30 (11.2%)
	14 thru 17 years old	157 (73.0%)	17 (68.0%)	18 (62.1%)	192 (71.4%)
	18 thru 22 years old	30 (14.0%)	8 (32.0%)	4 (13.8%)	42 (15.6%)
	Total	215 (100%)	25 (100%)	29 (100%)	269 (100%)
OOS	5 thru 9 years old	2 (1.2%)	0 (0.0%)	0 (0.0%)	2 (1.0%)
	10 thru 13 years old	13 (7.6%)	0 (0.0%)	6 (20.0%)	19 (9.3%)
	14 thru 17 years old	90 (52.9%)	2 (50.0%)	17 (56.7%)	109 (53.4%)
	18 thru 22 years old	65 (38.2%)	2 (50.0%)	7 (23.3%)	74 (36.3%)
	Total	170 (100%)	4 (100%)	30 (100%)	204 (100%)

Source: Qualis Health