

State of Alaska

Department of Health & Human Services

Division of Behavioral Health

Policy & Planning: Research Unit



Bring the Kids Home

RPTC Admissions Summary

July 1, 2009 –December 31, 2009

First & Second Quarters

February 2010

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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)). Out-of-State RPTC weekly census data indicates an average of 152 recipients during the first quarter of the current year (SFY10), and an average of 125 recipients for the 2<sup>nd</sup> quarter.

## **Methodology**

Division of Behavioral Health (DBH) contracts with Qualis Health to prior authorize admissions and ongoing treatment provided by inpatient psychiatric facilities and to 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 admitted to in-state and out-of-state (OOS) RPTCs. In total there were 198 unique clients and 204 admissions.

## **Limitations**

As in all data sources, there are inherent limitations:

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- Inaccurate or outdated information being input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

## Findings

- 75% of all admissions were to in-state RPTCs during the first 2 quarters of SFY10
- The top four utilized OOS facilities are located in Texas, Utah, Idaho, and Montana
- 78% of all RPTC referrals for those admitted to RPTCs are made by acute care facilities
- Aggression is the primary referral reason for 56% of recipients admitted to OOS RPTCs which is 3 times as high as any other OOS RPTC referral reason
- 62% of all RPTC recipients are diagnosed with Mood Disorders
- About 70% of the in-state and OOS RPTC recipients report family history of substance abuse, and 64% of both report family history of mental illness
- 55% of the in-state and 60% of the OOS RPTC recipients report at least one co-morbidity
- Nearly all of the in-state and OOS RPTC recipients report problems with support groups and social environments
- 46% of the in-state RPTC recipients report witnessing domestic violence
- 64% of the OOS RPTC recipients report physical abuse
- 16% of youth experiencing developmental disabilities are admitted to OOS RPTCs; 3% are admitted in-state RPTCs
- 34% of youth admitted to OOS RPTCs are Alaskan Natives; this is approximately the same percentage as at the onset of BTKH

**Table 1. RPTC Admissions (July 1, 2009 – December 31, 2009)**

	Client Count	%
In-State RPTC	154	75.5
OOS RPTC	50	24.5
Total	204*	

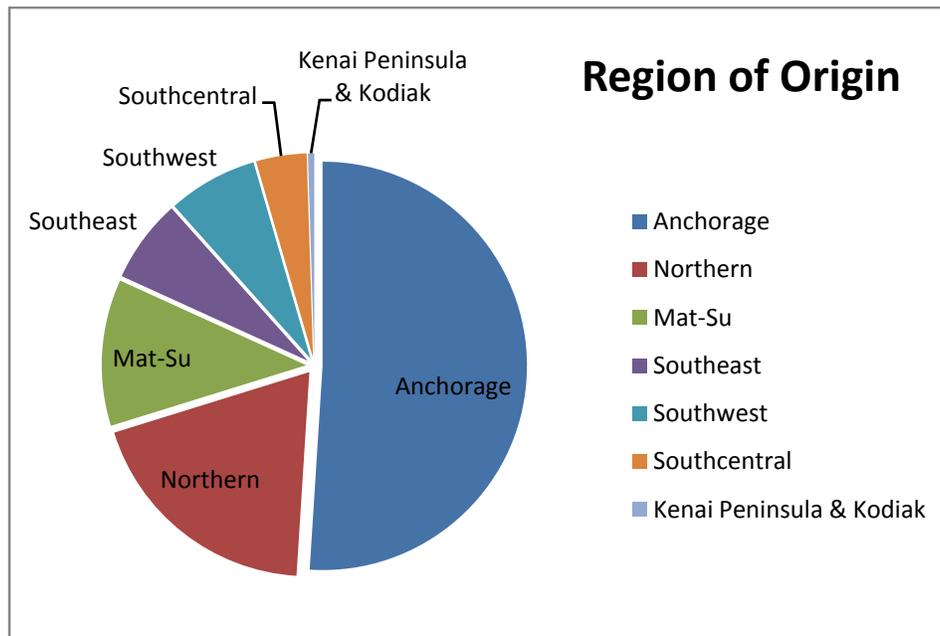
\*Note: Duplicate recipient count

Data Source: Qualis Health

**Table 2a. Region of Origin for Admitted Recipients**

	Client Count	%
Anchorage	101	51.0
Northern	38	19.2
Mat-Su	23	11.6
Southeast	13	6.6
Southwest	14	7.1
Southcentral	8	4.0
Kenai Peninsula & Kodiak	1	0.5
Total	198*	100

\*Note: Unduplicated recipient count



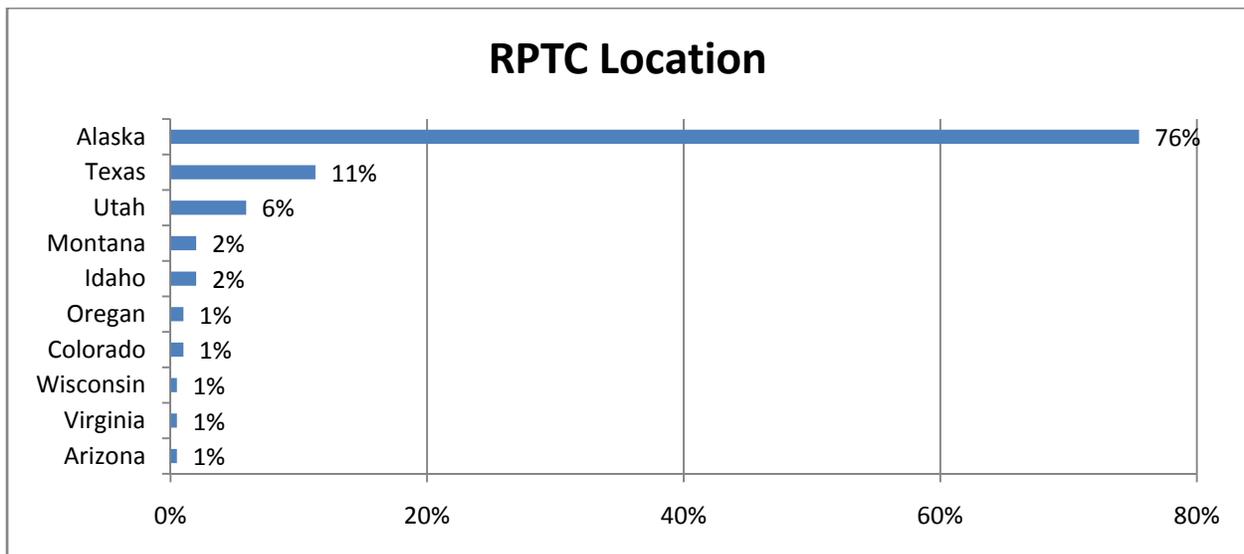
**Table 2b. Region of Origin of Recipient Admitted to RPTCs**

	In-State RPTC	OOS RPTC	Total
Anchorage	81 (52.6%)	25 (50%)	106 (52.0%)
Mat-Su	19 (12.3%)	4 (8.0%)	23 (11.3%)
Northern	29 (18.8%)	10 (20.0%)	39 (19.1%)
Southcentral	6 (3.9%)	2 (4.0%)	8 (3.9%)
Southeast	8 (5.2%)	5 (10.0%)	13 (6.4%)
Southwest	11 (7.1%)	3 (6.0%)	14 (6.9%)
Kenai Peninsula & Kodiak	0 (0%)	1 (2.0%)	1 (0.5%)
<b>Total</b>	<b>154 (100%)</b>	<b>50 (100%)</b>	<b>204 (100%)</b>

Note: Column percents

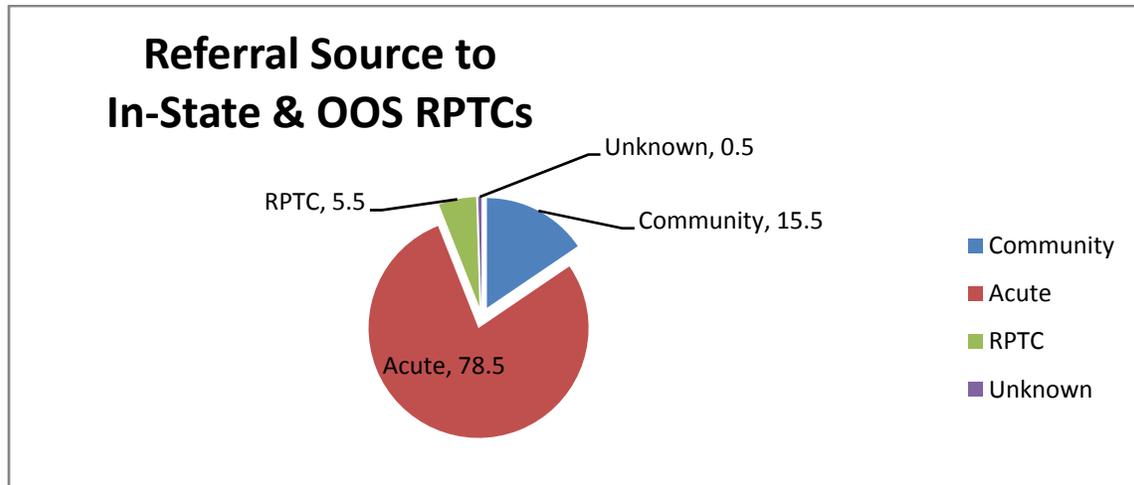
**Table 3. RPTC Location**

RPTC Location	Client Count	%
Alaska	154	75.5
Texas	23	11.3
Utah	12	5.9
Montana	4	2.0
Idaho	4	2.0
Oregon	2	1.0
Colorado	2	1.0
Wisconsin	1	0.5
Virginia	1	0.5
Arkansas	1	0.5
Total	204	100



**Table 4. Referral Source to In-State & OOS RPTCs**

	Client Count	%
Community	31	15.5
Acute	157	78.5
RPTC	11	5.5
Unknown	1	0.5
<b>Total</b>	<b>204</b>	<b>100.0</b>



**Table 5a. Primary & Secondary Referral Reasons to In-State & OOS RPTCs**

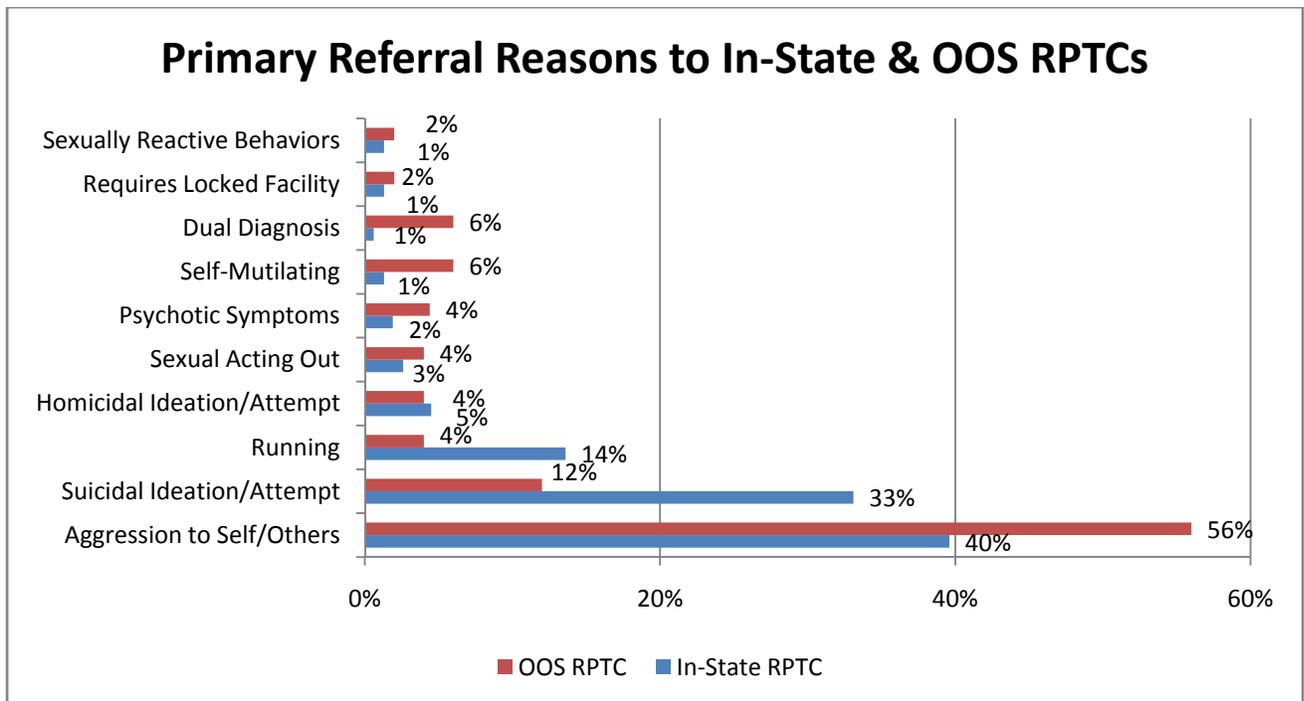
	Primary Reasons	Secondary Reasons
Aggression to Self/Others	89 (43.6%)	54 (26.5%)
Suicidal Ideation/Attempt	57 (27.9%)	29 (14.2%)
Running	23 (11.3%)	28 (13.7%)
Homicidal Ideation/Attempt	9 (4.4%)	7 (3.4%)
Sexual Acting Out	6 (2.9%)	7 (3.4%)
Psychotic Symptoms	5 (2.5%)	9 (4.4%)
Self-Mutilating	5 (2.5%)	15 (7.4%)
Dual Diagnosis	4 (2.0%)	6 (2.9%)
Requires Locked Facility	3 (1.5%)	12 (5.9%)
Sexually Reactive Behaviors	3 (1.5%)	5 (2.5%)
Substance Abuse	0 (0%)	9 (4.4%)
Eating Disorder	0 (0%)	2 (1.0%)
Multiple Risk Factors	0 (0%)	31 (15.2%)
<b>Total</b>	<b>204 (100%)</b>	<b>204 (100%)</b>

Note: Percents were calculated with the total admissions number (204)

**Table 5b. Primary Referral Reasons to In-State & OOS RPTCs**

	<b>In-State RPTC</b>	<b>OOS RPTC</b>
Aggression to Self/Others	61 (39.6%)	28 (56.0%)
Suicidal Ideation/Attempt	51 (33.1%)	6 (12.0%)
Running	21 (13.6%)	2 (4.0%)
Homicidal Ideation/Attempt	7 (4.5%)	2 (4.0%)
Sexual Acting Out	4 (2.6%)	2 (4.0%)
Psychotic Symptoms	3 (1.9%)	2 (4.4%)
Self-Mutilating	2 (1.3%)	3 (6.0%)
Dual Diagnosis	1 (0.6%)	3 (6.0%)
Requires Locked Facility	2 (1.3%)	1 (2.0%)
Sexually Reactive Behaviors	2 (1.3%)	3 (2.0%)
<b>Total</b>	<b>154 (100%)</b>	<b>50 (100%)</b>

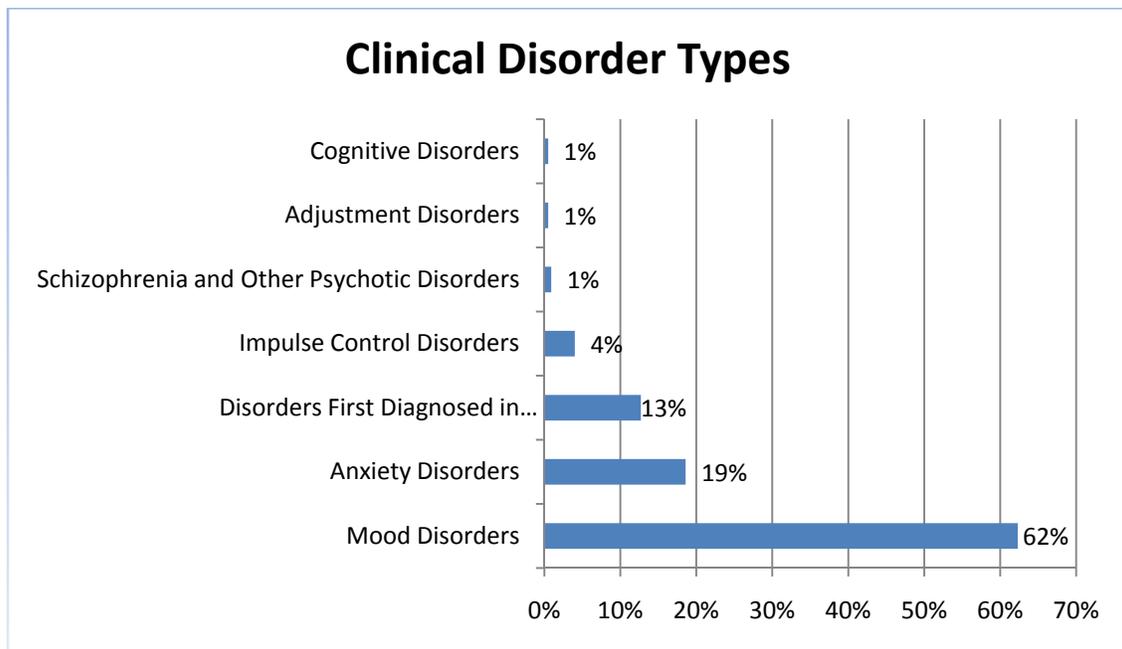
Note: Percents were calculated with the totals for In-state (154) and OOS (50), respectively



**Table 6. Clinical Disorder Types**

Disorders	Count	%
Mood Disorders	127	62.3
Anxiety Disorders	38	18.6
Disorders First Diagnosed in Infancy, Childhood or Adolescence	26	12.7
Impulse Control Disorders	9	4.4
Schizophrenia and Other Psychotic Disorders	2	1.0
Adjustment Disorders	1	.5
Cognitive Disorders	1	.5
Total	204	100.0

Note: See Specific Diagnoses in Appendix A



**Table 7a. Reported Risk Factors**

Risk Factors		Alaska Native/American Indian	Non-Native
Instate RPTC (154)	Flight Risk	30 (19.5%)	71 (46.1%)
	Suicide Risk	28 (18.2%)	71 (46.1%)
	Homicide Risk	6 (3.9%)	22 (14.3%)
	Problems with Activities of Daily Living	17 (11.0%)	50 (32.5%)
	Sexually Acting Out	16 (10.4%)	35 (22.7%)
	Aggression	36 (23.4%)	85 (55.2%)
	Treatment Non Compliance	34 (22.1%)	72 (46.8%)
	Legal Problems	18 (11.7%)	30 (19.5%)
	Family History of Mental Health	29 (18.8%)	70 (45.5%)
	Family History of Substance Abuse	36 (23.4%)	73 (47.4%)
	History of Self Mutilation	17 (11.0%)	50 (32.5%)
	Property Destruction	25 (16.2%)	59 (38.3%)
	School Suspension	25 (16.2%)	59 (38.3%)
	Multiple Risk Factors	44 (28.6%)	110 (71.4%)
		Alaska Native/American Indian	Non-Native
OOS RPTC (50)	Flight Risk	11 (22.0%)	22 (44.0%)
	Suicide Risk	7 (14.0%)	16 (32.0%)
	Homicide Risk	1 (2.0%)	10 (20.0%)
	Problems with Activities of Daily Living	9 (18.0%)	6 (12.0%)
	Sexually Acting Out	5 (10.0%)	11 (22.0%)
	Aggression	16 (32.0%)	27 (54.0%)
	Treatment Non Compliance	11 (22.0%)	20 (40.0%)
	Legal Problems	5 (10.0%)	8 (16.0%)
	Family History of Mental Health	12 (24.0%)	20 (40.0%)
	Family History of Substance Abuse	10 (20.0%)	24 (48.0%)
	History of Self Mutilation	6 (12.0%)	10 (20.0%)
	Property Destruction	15 (30.0%)	20 (40.0%)
	School Suspension	11 (22.0%)	17 (34.0%)
	Multiple Risk Factors	17 (34.0%)	33 (66.0%)

Note: Percents were calculated with the totals for In-state (154) and OOS (50), respectively. Percent totals will be greater than 100% as recipients have multiple risk factors.

**Table 7b. Reported Co-Morbidities**

		Alaska Native/American Indian	Non Native
Instate RPTC (154)	Thought Disorder	5 (3.25%)	8 (5.2%)
	Mood Disorder	33 (21.4%)	90 (58.4%)
	Substance Abuse	20 (13.0%)	38 (24.7%)
	Complicated Medical	0 (0%)	5 (3.3%)
	Eating Disorder	2 (1.3%)	10 (6.5%)
	Developmental Disorder	1 (0.6%)	4 (2.6%)
	FASD	5 (3.2%)	8 (5.2%)
	Brain Injury History	5 (3.3%)	10 (6.5%)
	Medical Disability	0 (0%)	2 (1.3%)
	Multiple Co-Morbidity	26 (16.7%)	58 (37.7%)
		Alaska Native/American Indian	Non Native
OOS RPTC (50)	Thought Disorder	2 (4.0%)	6 (12.0%)
	Mood Disorder	9 (18.0%)	21 (42.0%)
	Substance Abuse	4 (8.0%)	15 (30.0%)
	Complicated Medical	4 (8.0%)	3 (6.0%)
	Eating Disorder	1 (2.0%)	4 (8.0%)
	Developmental Disorder	5 (10.0%)	3 (6.0%)
	FASD	4 (8.0%)	5 (10.0%)
	Brain Injury History	1 (2.0%)	5 (10.0%)
	Medical Disability	2 (4.0%)	1 (2.0%)
	Multiple Co-Morbidity Factors	9 (18.0%)	21 (42.0%)

Note: Percents were calculated with the totals for In-state (154) and OOS (50), respectively. Percent totals will be greater than 100% as recipients have multiple co-morbidities.

**Table 7c. Reported Psycho-Social Factors (Axis IV)**

Psycho-social Factors		Alaska Native/American Indian	Non Native
Instate RPTC	Educational	39 (25.3%)	97 (63.0%)
	Occupational	1 (0.7%)	1 (0.7%)
	Housing	2 (1.3%)	6 (3.9%)
	Problems with Support Groups	43 (27.9%)	107 (69.5%)
	Problems with Social Environments	43 (27.9%)	107 (69.5%)
	Economic	1 (0.7%)	0 (0%)
	Legal	15 (9.7%)	22 (14.3%)
	Access to Health Care	0 (0%)	2 (1.3%)
	Multiple Psycho Social	43 (27.9%)	109 (70.8%)
		Alaska Native/American Indian	Non Native
OOS RPTC	Educational	15 (30.0%)	27 (54.0%)
	Occupational	1 (2.0%)	1 (2.0%)
	Housing	3 (6.0%)	1 (2.0%)
	Problems with Support Groups	15 (30.0%)	32 (64.0%)
	Problems with Social Environments	16 (32.0%)	28 (56.0%)
	Economic	1 (2.0%)	1 (2.0%)
	Legal	5 (10.0%)	11 (22.0%)
	Access to Health Care	3 (6.0%)	0 (%)
	Multiple Psycho Social	16 (32.0%)	31 (62.0%)

Note: Percents were calculated with the totals for In-state (154) and OOS (50), respectively. Percent totals will be greater than 100% as recipients have multiple psycho-social factors.

**Table 7d. Reported Trauma**

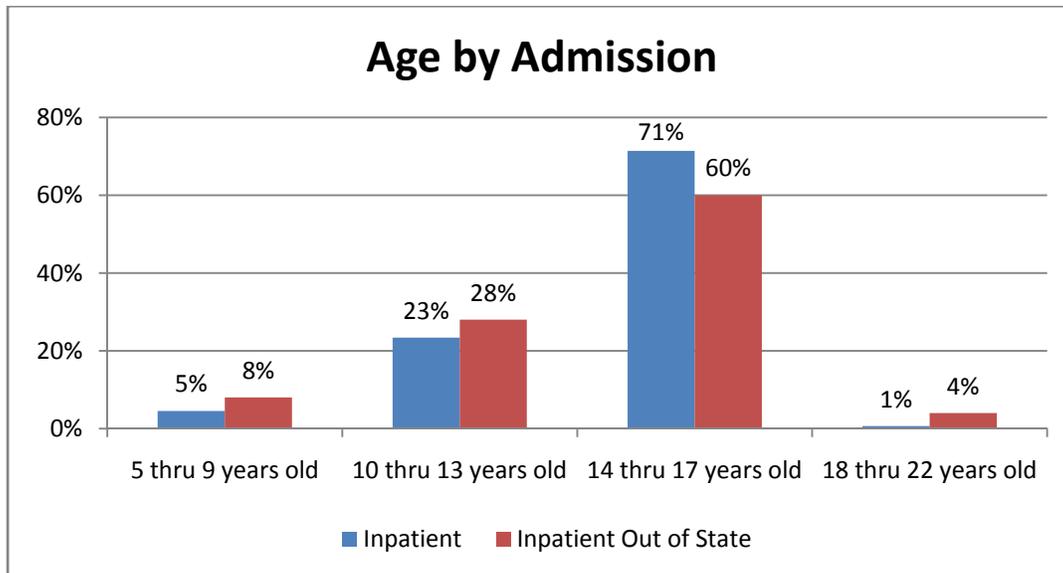
Trauma Experiences		Alaska Native/American Indian	Non Native
Instate RPTC	Emotional Abuse	25 (16.2%)	53 (34.4%)
	Physical Abuse	21 (14.9%)	51 (33.1%)
	Neglect	25 (16.2%)	43 (27.9%)
	Multiple Placements	17 (11.0%)	42 (27.3%)
	Domestic Violence (Witnessed)	20 (13.0%)	51 (33.1%)
	Sexual Abuse	16 (10.4%)	46 (29.9%)
	Adopted	15 (9.7%)	13 (8.4%)
	Multiple Losses	8 (5.2%)	20 (13.0%)
	Death/Suicide	4 (2.6%)	11 (7.1%)
	Multiple Traumas	37 (24.0%)	80 (51.9%)
		Alaska Native/American Indian	Non Native
OOS RPTC	Emotional Abuse	10 (20.0%)	16 (32.0%)
	Physical Abuse	13 (26.0%)	19 (38.0%)
	Neglect	13 (26.0%)	12 (24.0%)
	Multiple Placements	9 (18.0%)	13 (26.0%)
	Domestic Violence (Witnessed)	11 (22.0%)	17 (34.0%)
	Sexual Abuse	9 (18.0%)	9 (18.0%)
	Adopted	3 (6.0%)	7 (14.0%)
	Multiple Losses	4 (8.0%)	5 (10.0%)
	Death/Suicide	0 (%)	4 (8.0%)
	Multiple Traumas	15 (30.0%)	23 (46.0%)

Note: Percents were calculated with the totals for In-state (154) and OOS (50), respectively. Percent totals will be greater than 100% as recipients have multiple traumas.

**Table 8. Recipient Age at Admission**

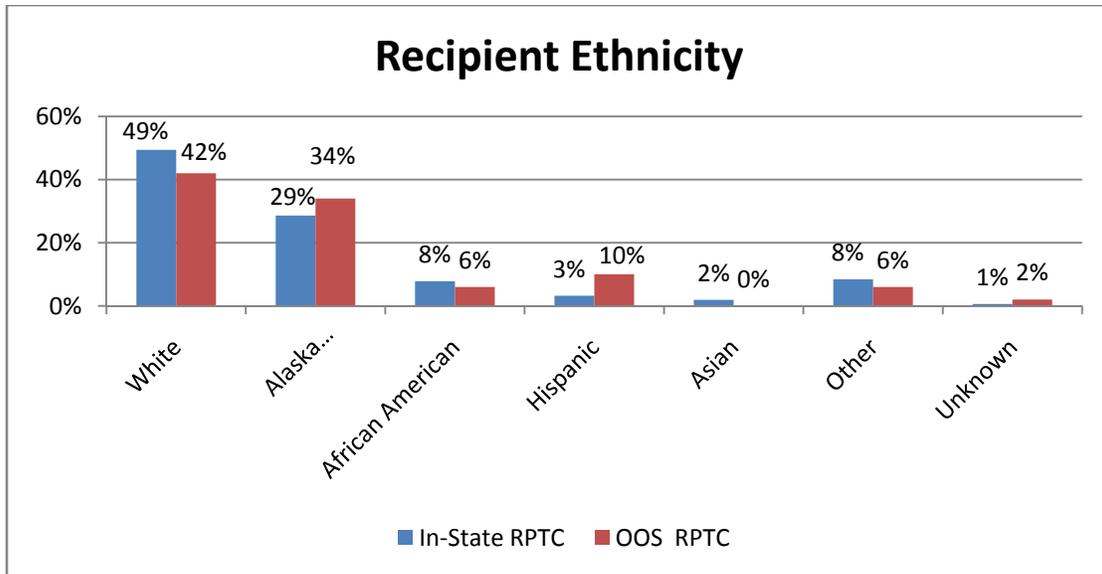
	In-State RPTC	OOS RPTC
5 thru 9 years old	7 (4.5%)	4 (8.0%)
10 thru 13 years old	36 (23.4%)	14 (28.0%)
14 thru 17 years old	110 (71.4%)	30 (60.0%)
18 thru 22 years old	1 (0.6%)	2 (4.0%)
Total	154 (100%)	50 (100%)

Note: Duplicated Count

**Table 9. Recipient Ethnicity**

	In-State RPTC	OOS RPTC
White	76 (49.4%)	21 (42.0%)
Alaska Native/American Indian	44 (28.6%)	17 (34.0%)
African American	12 (7.8%)	3 (6.0%)
Hispanic	5 (3.2%)	5 (10.0%)
Asian	3 (1.9%)	0 (0%)
Other	13 (8.4%)	3 (6.0%)
Unknown	1 (0.6%)	1 (2.0%)
Total	154 (100%)	50 (100%)

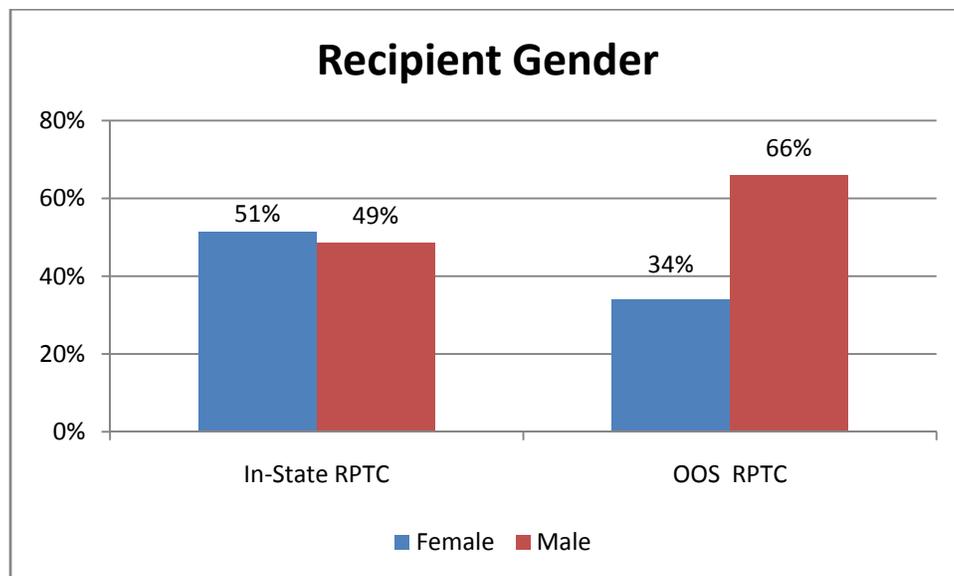
Note: Duplicated Count



**Table 10. Recipient Gender**

	In-State RPTC	OOS RPTC
Female	79 (51.3%)	17 (34.0%)
Male	75 (48.7%)	33 (66.0%)
Total	154 (100%)	50 (100%)

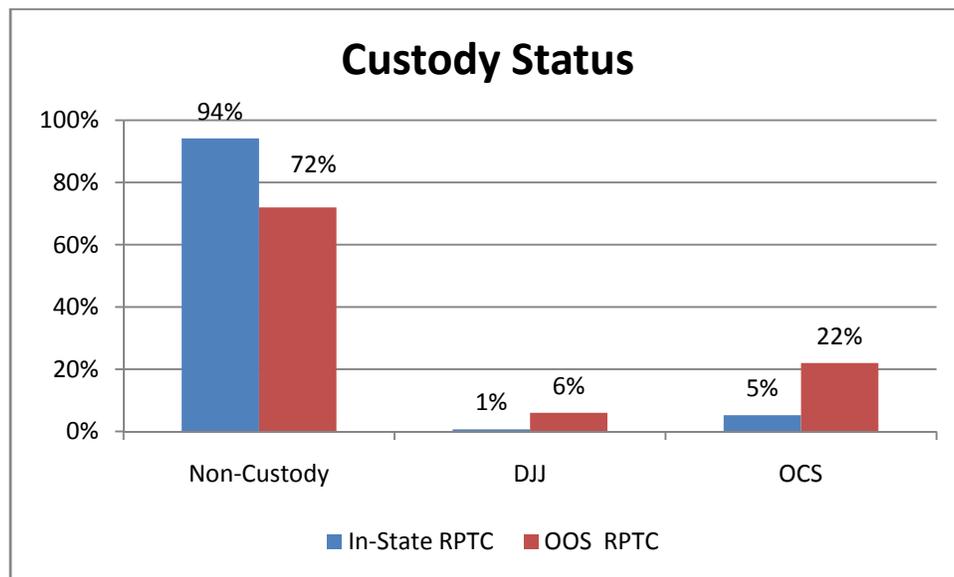
Note: Duplicated Count



**Table 11. Custody Status**

	In-State RPTC	OOS RPTC
Non-Custody	145 (94.2%)	36 (72.0%)
DJJ	1 (0.6%)	3 (6.0%)
OCS	8 (5.2%)	11 (22.0%)
Total	154 (100%)	50 (100%)

Note: Duplicated Count



**Appendix A**

<b>Diagnoses Categories and Specific Diagnoses of Admitted RPTC Recipients</b>	<b>Count</b>	<b>%</b>
<b>Adjustment Disorders (1)</b> ADJUSTMENT DISORDER WITH MIXED DISTURBANCE OF EMOTIONS AND CONDUCT	1	0.5%
<b>Anxiety Disorders (38)</b> POSTTRAUMATIC STRESS DISORDER	38	18.6%
<b>Cognitive Disorders (1)</b> UNSPECIFIED PERSISTENT MENTAL DISORDERS DUE TO CONDITIONS CLASSIFIED ELSEWHERE	1	0.5%
<b>Disorders First Diagnosed in Infancy, Childhood or Adolescence (23)</b> ATTENTION DEFICIT DISORDER OF CHILDHOOD WITH HYPERACTIVITY ATTENTION DEFICIT NONHYPERACTIVE AUTISTIC DISORDER, CURRENT OR ACTIVE STATE CONDUCT DISORDER, ADOLESCENT ONSET TYPE OPPOSITIONAL DEFIANT DISORDER	3 1 2 2 8	1.5% 0.5% 1.0% 1.0% 3.9%
OTHER SPECIFIED PERVASIVE DEVELOPMENTAL DISORDERS, CURRENT OR ACTIVE STATE UNSPECIFIED HYPERKINETIC SYNDROME OF CHILDHOOD UNSPECIFIED PERVASIVE DEVELOPMENTAL DISORDER, CURRENT OR ACTIVE STATE	1 5 1	0.5% 2.5% 0.5%
<b>Impulse Control Disorders (9)</b> IMPULSE CONTROL DISORDER, UNSPECIFIED INTERMITTENT EXPLOSIVE DISORDER	4 5	2.0% 2.5%
<b>Mood Disorders (127)</b> BIPOLAR DISORDER, UNSPECIFIED BIPOLAR I DISORDER, MOST RECENT EPISODE (OR CURRENT) DEPRESSED, SEVERE, WITHOUT MENTION OF PSYCHOTIC BEHAVIOR BIPOLAR I DISORDER, MOST RECENT EPISODE (OR CURRENT) MANIC, MODERATE BIPOLAR I DISORDER, MOST RECENT EPISODE (OR CURRENT) MANIC, SEVERE, WITHOUT MENTION OF BIPOLAR I DISORDER, MOST RECENT EPISODE (OR CURRENT) DEPRESSED, SEVERE, WITHOUT MENTION OF PSYCHOTIC BEHAVIOR BIPOLAR I DISORDER, MOST RECENT EPISODE (OR CURRENT) MIXED, MODERATE BIPOLAR I DISORDER, MOST RECENT EPISODE (OR CURRENT) MIXED, SEVERE, SPECIFIED AS WITH PSYCHOTIC BEHAVIOR BIPOLAR I DISORDER, MOST RECENT EPISODE (OR CURRENT) MIXED, SEVERE, WITHOUT MENTION BIPOLAR I DISORDER, MOST RECENT EPISODE (OR CURRENT) DEPRESSED, SEVERE, WITHOUT MENTION OF PSYCHOTIC BEHAVIOR BIPOLAR I DISORDER, MOST RECENT EPISODE (OR CURRENT) MIXED, UNSPECIFIED BIPOLAR I DISORDER, SINGLE MANIC EPISODE, SEVERE, WITHOUT MENTION OF PSYCHOTIC BEHAVIOR CYCLOTHYMIC DISORDER	13 1 1 1 6 5 4 2 1 10	6.4% 0.5% 0.5% 0.5% 2.9% 2.5% 2.0% 1.0% 0.5% 4.9%
DEPRESSION DEPRESSIVE DISORDER, NOT ELSEWHERE CLASSIFIED	1 7	0.5% 3.4%

DYSTHYMIC DISORDER	3	1.5%
MAJOR DEPRESSIVE DISORDER, RECURRENT EPISODE, IN FULL REMISSION	1	0.5%
MAJOR DEPRESSIVE DISORDER, RECURRENT EPISODE, MILD	1	0.5%
MAJOR DEPRESSIVE DISORDER, RECURRENT EPISODE, MODERATE	6	2.9%
MAJOR DEPRESSIVE DISORDER, RECURRENT EPISODE, NOS	11	5.4%
MAJOR DEPRESSIVE DISORDER, RECURRENT EPISODE, SEVERE WITH PSYCHOTIC BEHAVIOR	11	5.4%
MAJOR DEPRESSIVE DISORDER, RECURRENT EPISODE, SEVERE WITHOUT PSYCHOTIC BEHAVIOR	23	11.3%
MAJOR DEPRESSIVE DISORDER, SINGLE EPISODE, SEVERE WITH PSYCHOTIC BEHAVIOR	1	0.5%
MAJOR DEPRESSIVE DISORDER, SINGLE EPISODE, SEVERE WITHOUT PSYCHOTIC BEHAVIOR	6	2.9%
MOOD DISORDER IN CONDITIONS CLASSIFIED ELSEWHERE	3	1.5%
OTHER AND UNSPECIFIED BIPOLAR DISORDERS, OTHER	1	0.5%
UNSPECIFIED EPISODIC MOOD DISORDER	8	3.9%
<b>Other Disorders of Infancy, Childhood or Adolescence (3)</b>		
OTHER EMOTIONAL DISTURBANCES OF CHILDHOOD OR ADOLESCENCE	3	1.5%
<b>Schizophrenia and Other Psychotic Disorders (2)</b>		
SCHIZOAFFECTIVE DISORDER, UNSPECIFIED	1	0.5%
SCHIZOPHRENIFORM DISORDER, UNSPECIFIED	1	0.5%
<b>Total</b>	<b>204</b>	<b>100.0 %</b>