

Wraparound Maine: 2010 Outcomes

Report Period: 1/1/10-10/25/10



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Introduction:

Since the beginning of 2010, 206 clients have enrolled in Wraparound Maine. Wraparound Maine is an intensive level of case management for youth with complex needs, often with multiple agency involvement and either residing in or at risk of residential treatment or psychiatric hospitalization. Wraparound works with a team of supports for the youth and his/her family in order to improve overall functioning and maintain the youth in a community setting.

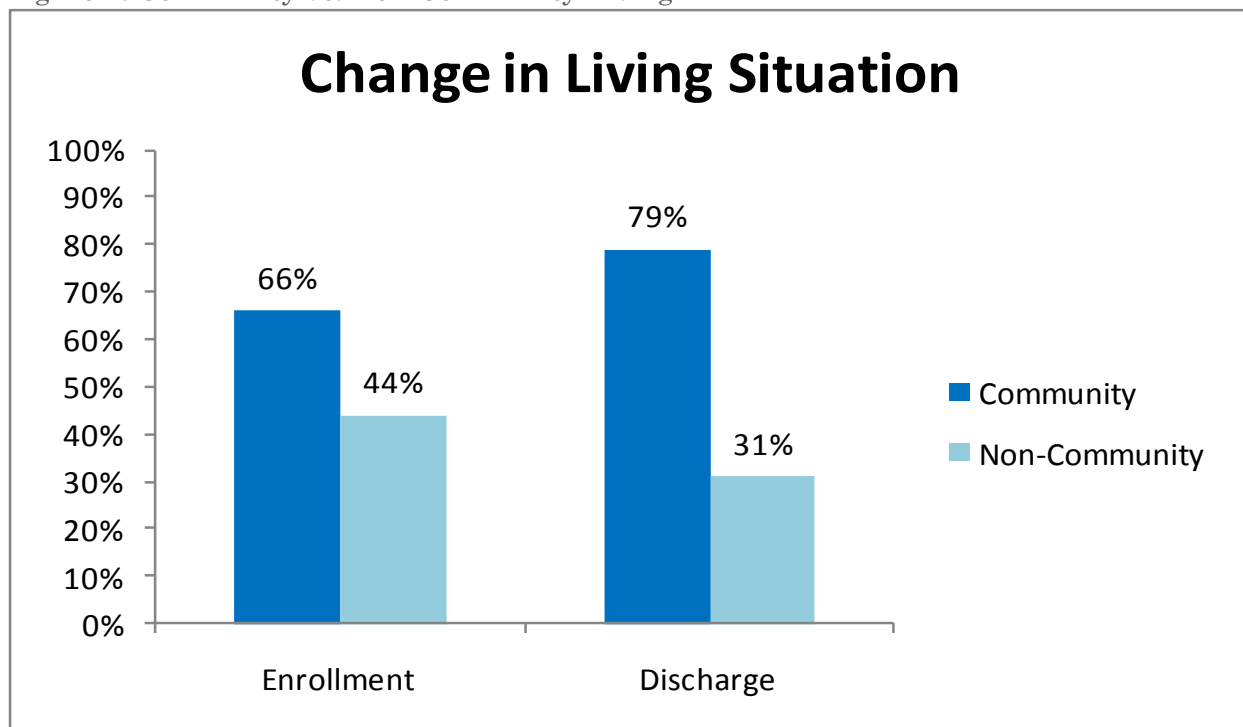
Living Situation:

Of those youth discharged in 2010, 79 percent were discharged from wraparound into community settings, 13 percent more than were living in the community at the time of enrollment (see Figure 1). Looking at the table below, the most significant decrease was in the percent of youth in residential treatment at enrollment (26%) compared to discharge (10%).

Table 1: Change in Living Situation: Enrollment to Discharge

CATEGORY	ENROLLMENT	DISCHARGE
Adoptive Home	2%	1%
Home of a relative	9%	10%
Home of natural parents for a child	47%	52%
Home of natural parents for an 18 year old	1%	3%
Home of a family friend	0%	2%
Supervised independent living	0%	1%
Independent, living by self	0%	2%
Independent, living with friend	0%	2%
Regular Foster Care	7%	6%
Foster-family based treatment home	1%	1%
Group emergency shelter	0%	1%
Drug-alcohol rehabilitation center(inpatient)	0%	1%
Crisis Unit	1%	1%
Residential treatment center	26%	10%
Inpatient psychiatric services	3%	2%
Youth correction center	2%	2%
Jail	0%	1%
Homeless	1%	2%

Figure 1: Community vs. Non-Community Living



*Community living situations include: Adoptive home, home of a relative, home of natural parents for an adult or child, home of a family friend, supervised independent living, independent (living by self), independent (living with a friend), and regular foster care.

System Involvement:

Many of the youth served by wraparound enter the program with the involvement of Juvenile Justice, Children’s Behavioral Health or Child Welfare Services. Based on the data below, involvement from these agencies decreases substantially from enrollment to the time of discharge. It should be noted that this data is self-report and that caregivers report this information on the intake and discharge survey. In addition, the sample size reflects a number of missing responses. While the response rate at enrollment (77%) is acceptable, cautious interpretation of data received at discharge is suggested. This is based on a 65 percent response rate, slightly lower than the 70 percent standard.

Table 2: Changes in System Involvement: Enrollment to Discharge

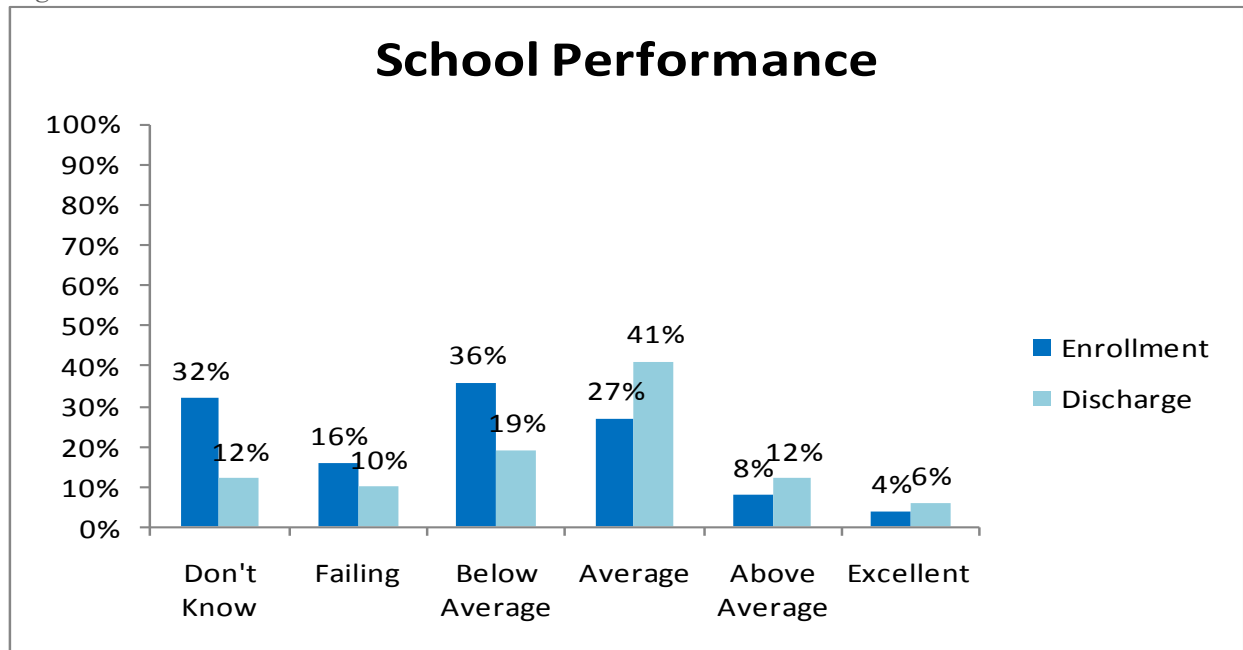
Indicator	Enrollment Status (n=126)	Discharge Status (n=107)
% Juvenile Justice Involvement	41 (33%)	23 (21%)
% CBH Involvement	69 (55%)	38 (26%)
% Child Welfare Involvement	58 (46%)	28 (26%)

School Performance:

Caregivers are asked to answer several questions about their child's school performance at the time of enrollment and discharge. Again, this data is self-report and is answered on the Intake Survey and Discharge Survey. Response rates were all in the acceptable range (74-76%) at enrollment, but just below the acceptable standard at discharge (65-67%).

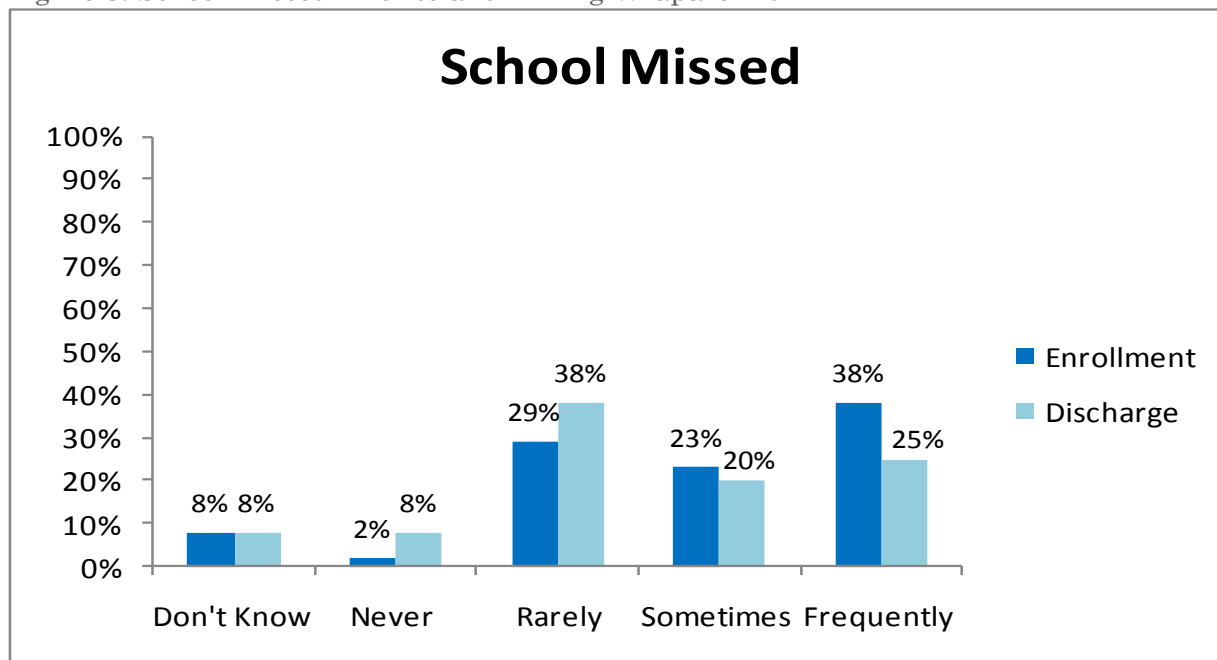
Therefore, data should be interpreted cautiously.

Figure 2: Overall School Performance



Based on the data above, half of the youth enrolled in wraparound are reported to be below average or failing in school. Only 39 percent are reported to be average or above in regard to overall school performance. However, at discharge, more than half the youth are reported to be performing at the average level or above, and only 29 percent are below average or failing. This suggests that overall school performance improves during wraparound.

Figure 3: School Missed Prior to and During Wraparound



Caregivers are also asked to report on the frequency their child misses school. According to this data, the percentage of youth who miss school “never” or “rarely” increases during wraparound and the percentage of youth missing school “frequently” decreases during wraparound.

Data is also collected regarding whether a youth has been suspended or expelled prior to wraparound or during wraparound. Thirteen caregivers reported their child was expelled in the year prior to wraparound, but only one caregiver reported their child being expelled during wraparound. In regard to suspension, 49 caregivers reported their child was suspended from school in the year prior to receiving wraparound, but only 24 reported their youth was suspended during wraparound. This data is based on the same group of youth at enrollment and discharge and suggests that fewer youth are suspended or expelled during wraparound, as compared to the year prior to wraparound.

Table 3: Differences in Suspension and Expulsion Rates Before and During Wraparound

	Prior to Enrollment	During Wraparound
Expelled	(13) 11%	(1) <1%
Suspended	(49) 40%	(24) 23%

A final survey question in regard to school performance, asks caregivers to report the frequency of contact from their child's school to discuss academic and behavioral concerns.

Figure 4: Caregiver Reports of School Contact due to Academic Concerns

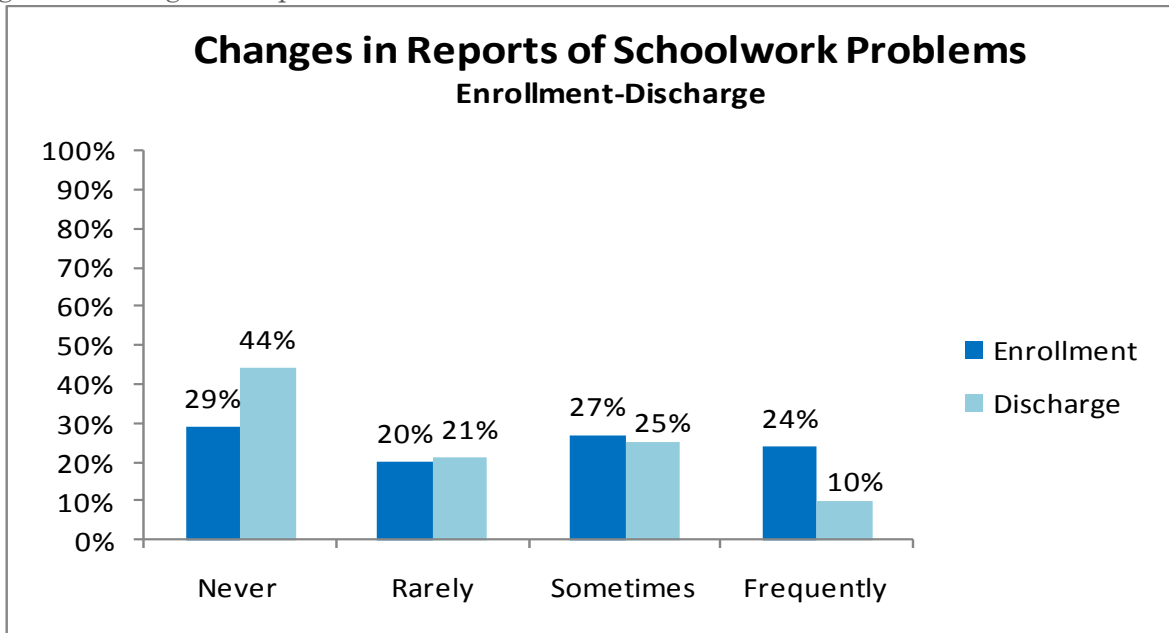
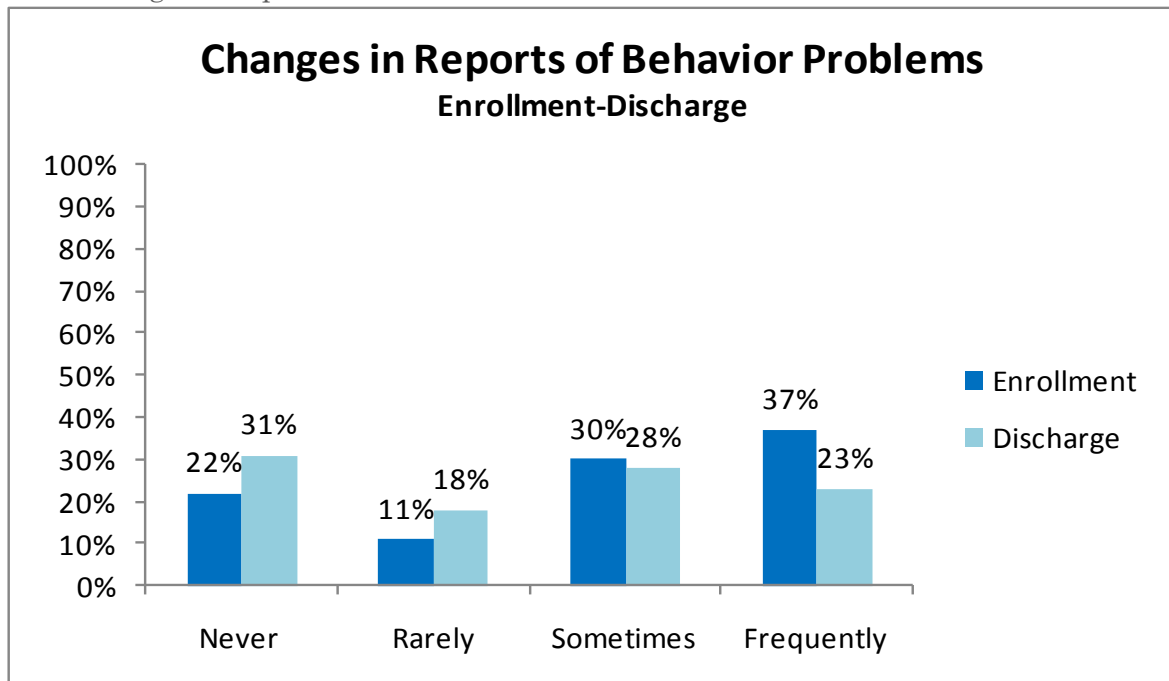


Figure 5: Caregiver Reports of School Contact due to Behavioral Concerns



It appears that overall, behavior problems are a more common topic of concern. However, both schoolwork and behavior problem discussions become less frequent at discharge as compared to enrollment.

Wraparound Completion Rates:

Youth and their families are discharged from wraparound for a variety of reasons. It is the goal of wraparound to discharge youth after completion of their wraparound plan, either with or without Targeted Case Management as a service at discharge. Almost two-thirds of the youth (65.8%) discharged from wraparound in 2010 completed their plan.

Table 4: Discharge Status

Sites	Completed Wrap. Plan		Early Discharge		Transfer	*Other
	w/ TCM	w/out TCM	Agency Initiated	Family Initiated		
Sweetser: Knox/Waldo (n=16)	2 (12.5%)	9 (56.3%)	0 (0)	4 (25%)	1 (6.2%)	0(0)
Sweetser: Sagadahoc (n=12)	2 (16.7%)	4 (33.3%)	1 (8.3%)	3 (25%)	0 (0)	2 (16.7%^)
Sweetser: York (n=20)	3 (15%)	9 (45%)	1 (5%)	3 (15%)	1(5%)	3(15%)
Wings: Aroostook (n=15)	7 (46.6%)	1 (6.7%)	1 (6.7%)	0(0)	0(0)	6 (40%)
Wings: Penobscot (n=25)	19(76%)	2 (8%)	2 (8%)	1 (4%)	0 (0)	1 (4%)
Youth Alternatives Ingraham (n=27)	11 (40.7%)	12(44.5%)	1 (3.7%)	1 (3.7%)	1 (3.7%)	1 (3.7%)
Catholic Charities Maine (n=10)	4 (40.0%)	1 (10.0%)	2 (20.0%)	2 (20.0%)	0 (0)	1 (10.0%)
Kennebec Behavioral Health (n=28)	5 (17.9%)	8 (28.6%)	2 (7.1%)	7(25%)	2 (7.1%)	4 (14.3%)
Spurwink Services (n=11)	0 (0)	9 (82%)	0(0)	1(9%)	1 (9%)	0 (0)
Statewide (164)	53 (32.3%)	55 (33.5%)	10 (6.1%)	22 (13.4%)	8 (4.9%)	16 (9.8%)

Fidelity Measures:

Program fidelity is measured by the WFI-4. The Wraparound Fidelity Index is an assessment tool developed by WERT (the Wraparound Evaluation and Research Team) to assess a wraparound program in regards to using the wraparound model and adhering to the principles of wraparound (Bruns, 2008). There are 10 principles to carrying out wraparound (Walker, Bruns, et al., 2004). They are as follows:

1. Family Voice and Choice
2. Team Based
3. Natural Supports
4. Collaboration
5. Community Based
6. Culturally Competent
7. Individualized
8. Strengths-based
9. Persistence
10. Outcome Based

The WFI4 (Wraparound Fidelity Index, Version 4) is an interview form that trained wraparound staff use to interview youth, caregivers and team members about their experience with wraparound. In order to be interviewed, youth must be at least 11 years of age (Bruns et al., 2009). The interviews take place 3 months after enrollment in wraparound (Bruns et al., 2009).

Scores are available for each wraparound principle. An overall score is also calculated for each group of respondents. Overall scores can be interpreted using fidelity guidelines established by the Wraparound Evaluation Research Team. It should be noted, though, that these guidelines were established based on the WFI-3 and are still being used because the guidelines for the WFI-4 have not been established. The Fidelity Guidelines are as follows:

85% or higher- “High Fidelity”

80%-84%- “Above Average”

75%-79%- “Average”

70%-74%- “Below Average”

Any site with an overall score below 70 is considered “non wraparound or in need of significant improvement”(Bruns, E.J., Suter , J.C. and Leverentz-Brady,K., 2008).

Scores reflected in the table below are from January 1st 2010 through October 25th, 2010. Response rates were all within the acceptable range (70-100%), indicating that the data is representative of all wraparound caregivers, team-members and youth.

Table 5: Fidelity Scores (WFI-4)

Category	Caregiver n=107	Team Member n=92	Youth n=69
Family Voice & Choice	89.80%	84.23%	85.91%
Team Based	82.43%	87.25%	82.63%
Natural Supports	73.11%	71.68%	75.86%
Collaboration	87.80%	89.78%	87.98%
Community Based	74.49%	76.74%	74.46%
Culturally Competent	92.98%	92.56%	95.14%
Individualized	75.86%	76.17%	80.71%
Strengths Based	88.80%	87.20%	81.44%
Persistence	89.79%	85.89%	92.27%
Outcome Based	66.71%	65.61%	62.25%
OVERALL SCORE	82.27%	81.71%	81.87%

Overall scores in all categories are in the “above average” range. Strengths of Wraparound Maine appear to include: Family Voice and Choice, Collaboration, Culturally Competent and Persistence.

Summary:

- Seventy-nine percent of youth discharged from Wraparound Maine were discharged into community settings.
- The percent of youth in residential treatment decreased by 16 percent between the time of enrollment and discharge from Wraparound Maine.
- The percent of youth with agency involvement from Juvenile Justice, Child Welfare or Children’s Behavioral Health decreased considerably between the time of enrollment and discharge from Wraparound Maine.
 - *Juvenile Justice- 12% decrease*
 - *Children’s Behavioral Health- 29% decrease*
 - *Child Welfare- 20% decrease*
- Overall school performance improves during wraparound, as compared to the year prior to enrollment.
- Fewer youth miss school “sometimes” or “frequently” during wraparound, as compared to the year prior to enrollment.
- The number of youth who are suspended or expelled from school decreases during wraparound, as compared to the year prior to enrollment.
- The frequency of contact from schools to families about schoolwork and behavioral concerns decreases during wraparound, as compared to the year prior to enrollment.
- More youth are completing their wraparound plans (65.8% compared to last year’s report of 40.4%) and fewer families are withdrawing from services(13.4% compared to last year’s report of 21.9%)..
- Measures of fidelity are in the “above average” range. This is an improvement over last year’s report, where only caregiver’s rated the program as “above average” in terms of fidelity. This is important, as research indicates that wraparound sites with high fidelity ratings experience more positive outcomes (Bruns, 2009).

References:

Bruns, E. (2008). Measuring wraparound fidelity. In E.J. Bruns and J.S. Walker (Eds.), *The resource guide to wraparound*. Portland, OR: National Wraparound Initiative, Research and Training Center for Family Support and Children's Mental Health.

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