



# DATA INSIGHTS AND OUTCOMES

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FY 2015-22 Enrollment Cohort  
Human Services Agency (HSA)

## **San Francisco Wraparound Collaborative**

Seneca Family of Agencies  
Edgewood Center for Children and Families  
St. Vincent's / Catholic Charities

Prepared by Seneca Family of Agencies  
In Partnership with SFDPH, SFHSA, and SFJPD

# Introduction

## Goal of this document:

Explore outcomes for HSA-referred youth who participated in San Francisco (SF) Wraparound.

## Sample for this document includes youth who are:

- HSA-referred
- Enrollment Cohort Youth (Youth enrolled in Wraparound for the first time)
- Entered Wraparound during the following fiscal years: 2015/2016, 2016/2017, 2017/2018, 2018/2019, 2019/2020, 2020/2021, 2021/2022
- Served by provider agencies: Seneca, Edgewood, and St. Vincent's

## Document Layout and Data Sources

Data for this report come from several different sources:

| Report Section                      | Data Source(s)   |
|-------------------------------------|--|
| Who Was Referred? (p. 3)            | • SF Multi-Agency Support Team (MAST)                                |
| Who Participated? (p. 4)            | • Seneca (and subcontractor) agency Electronic Health Records (EHRs) |
| What Services Were Provided? (p. 5) | • Seneca (and subcontractor) EHRs<br>• SF Avatar EHR                 |
| Wraparound Outcomes (p. 7)          | • Seneca (and subcontractor) EHRs                                    |

## What is Wraparound?

Wraparound is a collaborative approach to care that encourages coordination across agencies, disciplines, and communities to enhance outcomes for children and families. It provides children and youth who have complex needs with comprehensive and cost-effective intensive, coordinated, highly individualized interventions and linkage to services. The Wraparound model enhances prevention, safety, permanency, and well-being for youth and families, consistent with state and federal mandates.

## Waiver Eligibility: (see Appendix pp.14 for full Wraparound Eligibility Criteria)

Families who have not previously qualified for Wraparound services, e.g. non-court family maintenance cases; dependent children in home or foster care who are not at risk of residential placement but could benefit from the service; legal guardianship cases; children whose child welfare cases are closing but still need services.

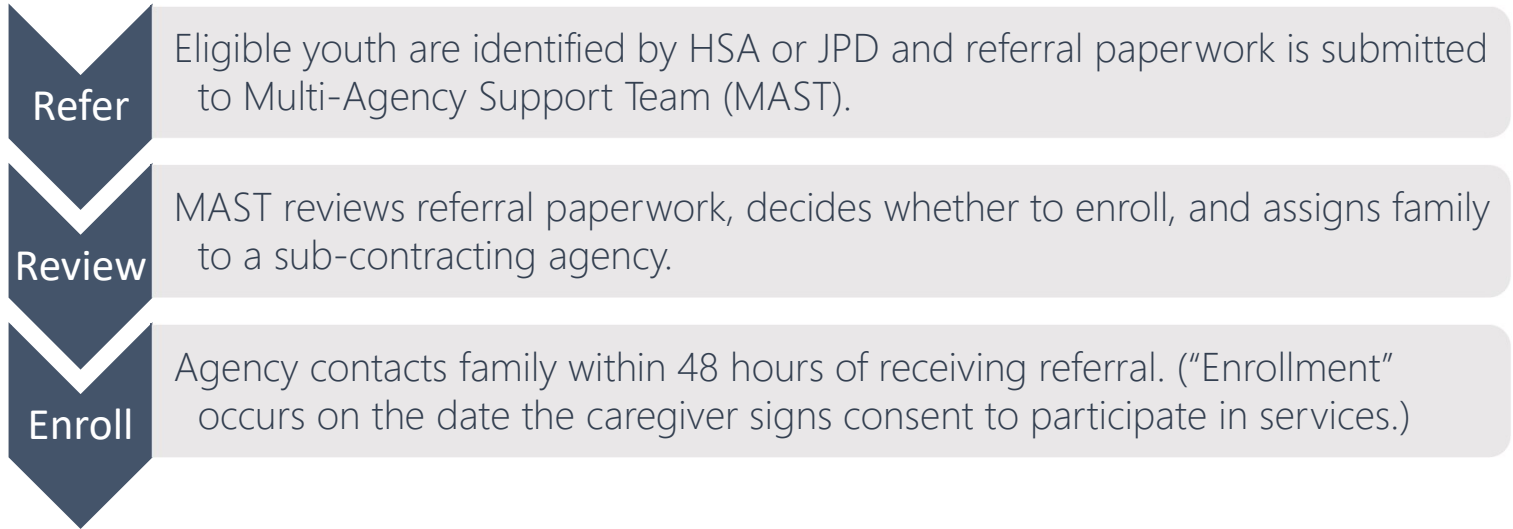
## Data Notes:

- Data in this document are reported through the end of the fiscal year (6/30/22). Due to this data cut point, in addition to the nature of enrollment cohort analyses, as more time passes, data points in this document are subject to change. For example, next year an additional year of data will be included in the Annual Report, more youth will have discharged and/or have a year post-discharge data available, etc.
- Additional data tables are available in the Appendix (pp. 14-21).



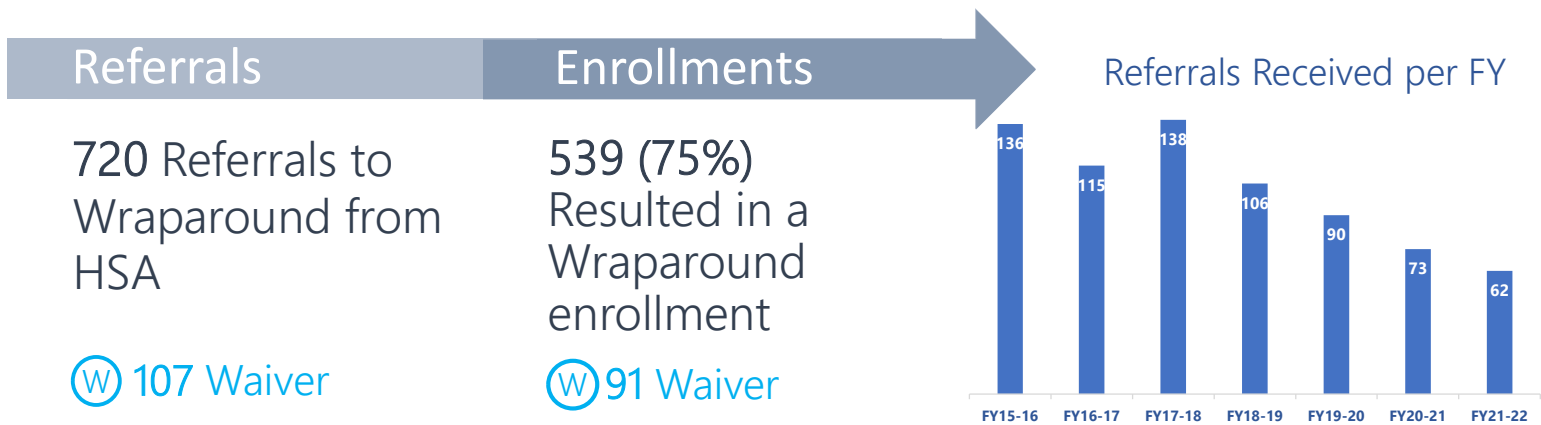
# Who Was Referred?

## SF Wraparound Referral Process

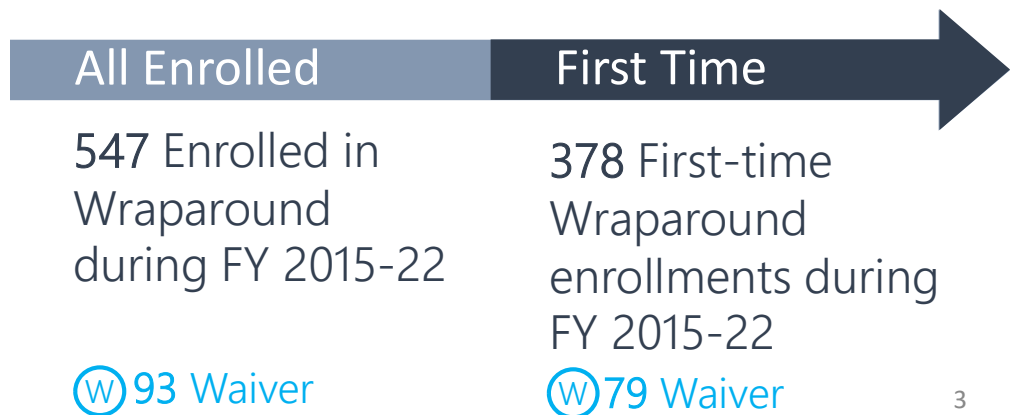


## Referrals Received in FY 2015-2022

(appendix tables 1 & 2)



## Wraparound Enrollments in FY 2015-2022





# Who Participated?

## HSA-Referred Enrollment Cohort: FY 2015-2022

(tables 3-6)

378 Youth enrolled in Wraparound for the first time.

273 Seneca

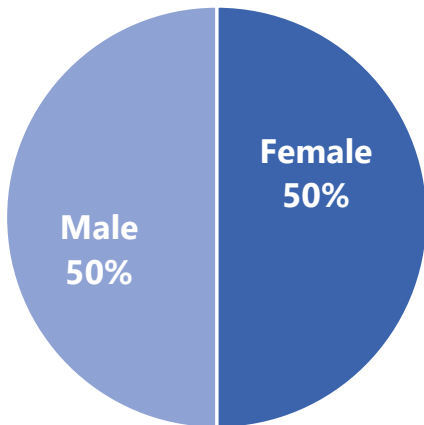
83 Edgewood

22 St. Vincent's

### W 79 Waiver

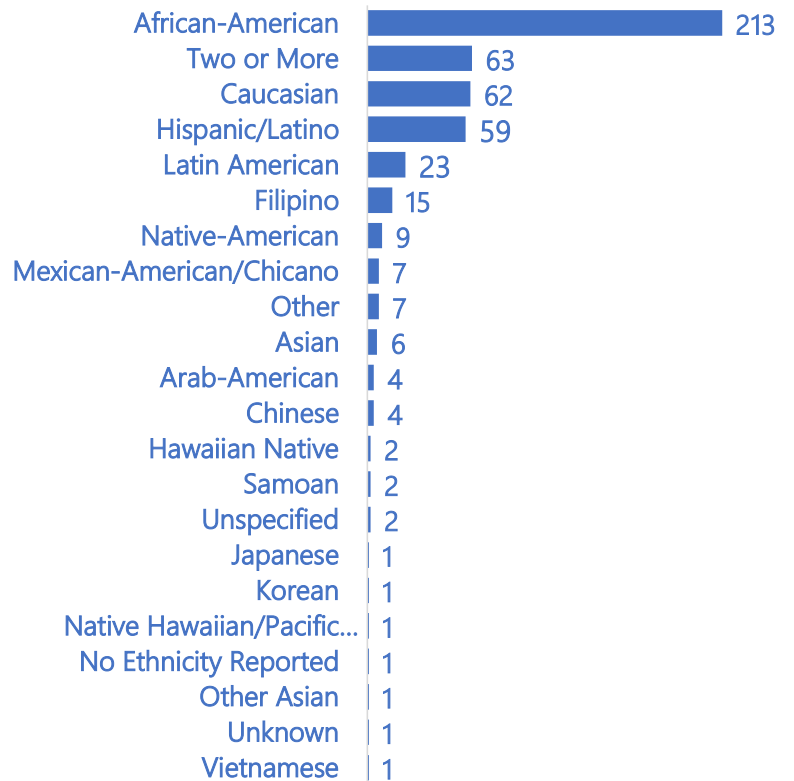
(Non-court family maintenance cases; dependent children in home or foster care who are not at risk of residential placement but could benefit from service; legal guardianship cases; children whose child welfare cases are closing but still need services.)

There were similar numbers of youth assigned a sex of Female at birth as Male.



Median Client Age at Wraparound Intake: 12 years  
Range: 2-19 years

Over half identified as African-American.



W Waiver youth demographics were similar across sex, race/ethnicity, and age.

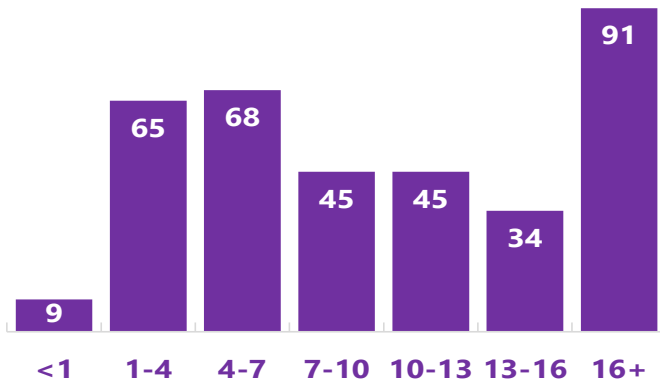


# What Services Were Provided?

## Duration of Enrollment

(table 7)

Number of Youth by Months Enrolled



Half of youth discharged within 9.6 months (median) of enrollment.

81% of 357 youth who have discharged as of 6/30/22 did so within 18 months of enrollment.

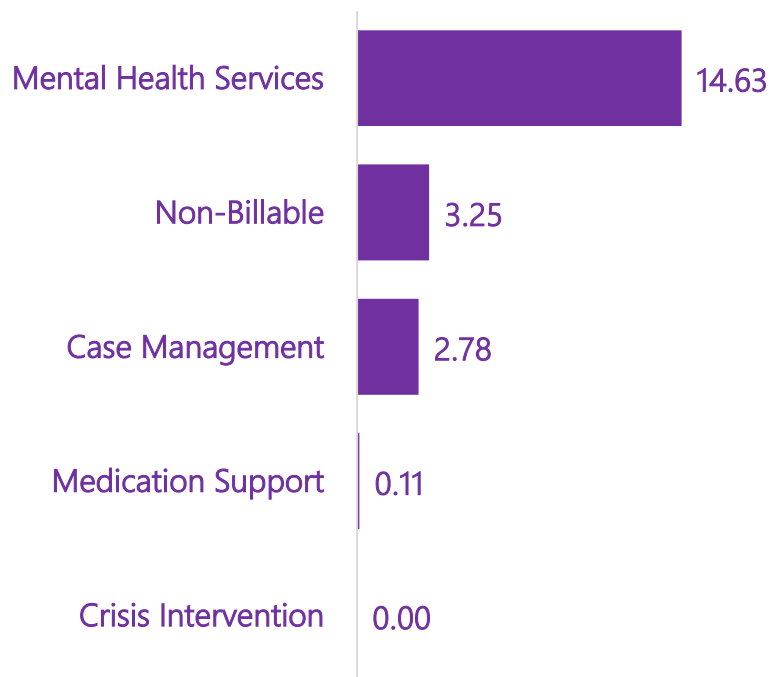
As of 6/30/22, 357 youth out of 378 youth in the FY 2015-22 enrollment cohort had discharged.

## Services Documented

(table 8)

Average hours per client, per month

20.77 Total average hours of service per youth, per month





# What Services Were Provided?

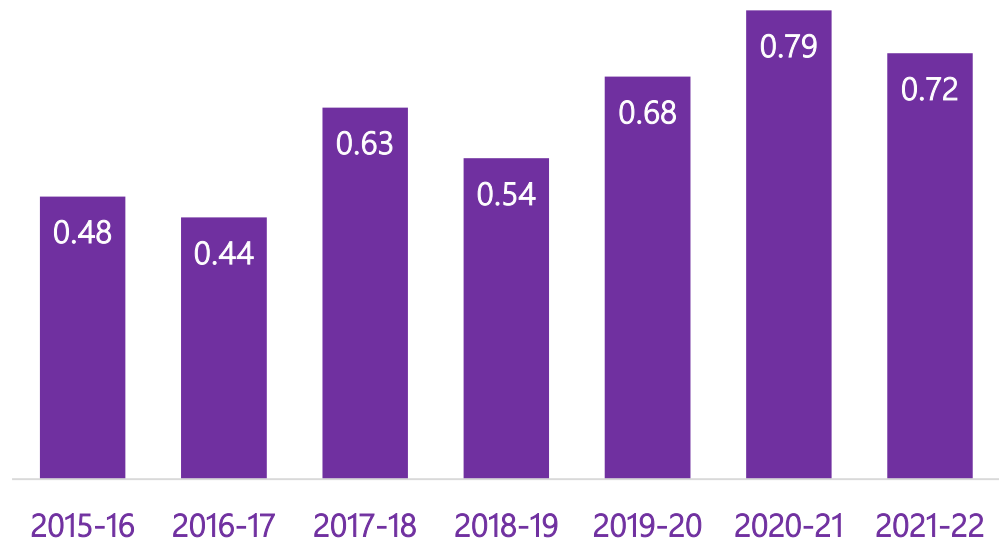
## Child and Family Team (CFT) Meetings

(table 9)

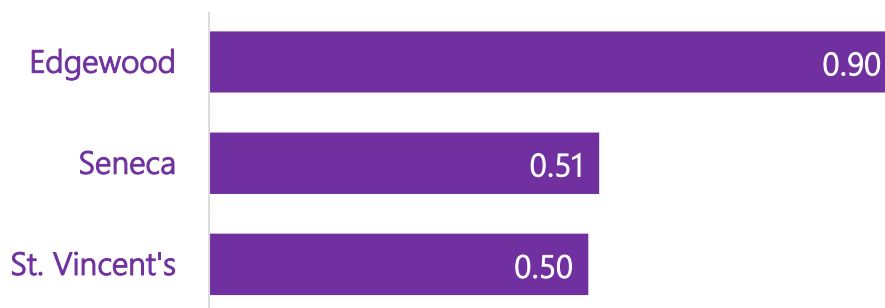
**Background:** Regular Child and Family Team (CFT) meetings that include the youth, family, Seneca Wraparound team, natural supports, and other professionals involved in the family's life are a foundation of Wraparound. Intervention is driven by the youth and family's needs and desired goals as discussed in CFT meetings, which are held in easily accessible locations chosen by the family.

By fiscal year: Average # of CFTs per client, per month enrolled

0.58 Average # of CFT Meetings per client, per month, for SF Wraparound during FY 2015-22



By agency: Average # of CFTs per client, per month enrolled

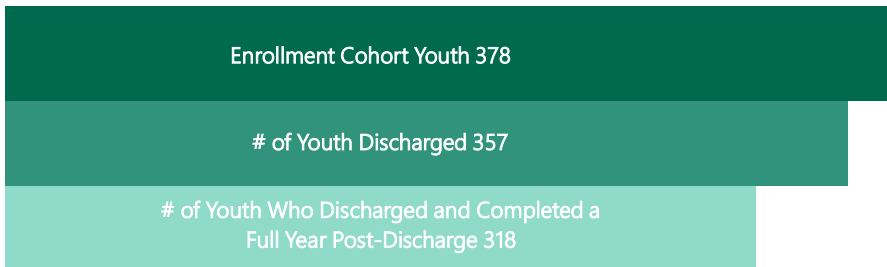




# Wraparound Outcomes

## Discharges by Report Date (6/30/22)

Discharged Clients in FY 2015-22



**94%** (357 of 378) of enrollment cohort youth had discharged from Wraparound as of 6/30/22.

**84%** (318 of 378) had completed a full year post-discharge.

### Enrollment Cohort, Discharges, and Youth Discharged Who Completed a Full Year Post-Discharge

| Fiscal Year  | Enrollment Cohort Youth | # of Discharged Youth | % of Discharged Youth | # Discharged Youth who Completed a Full Year Post-Discharge | % Discharged Youth who Completed a Full Year Post-Discharge |
|--------------|-------------------------|-----------------------|-----------------------|---|---|
| 2015-16      | 78                      | 78                    | 100%                  | 78  | 100%  |
| 2016-17      | 70                      | 70                    | 100%                  | 70  | 100%  |
| 2017-18      | 65                      | 65                    | 100%                  | 64  | 98%   |
| 2018-19      | 56                      | 55                    | 98%                   | 45  | 80%   |
| 2019-20      | 44                      | 44                    | 100%                  | 43  | 98%   |
| 2020-21      | 44                      | 39                    | 89%                   | 18  | 41%   |
| 2021-22      | 21                      | 6                     | 29%                   | 0   | 0%  |
| <b>Total</b> | <b>378</b>              | <b>357</b>            | <b>94%</b>            | <b>318</b>  | <b>84%</b>  |

Rates for Waiver youth are comparable.

*Note: Since not all enrollment cohort youth have discharged (or completed a full year post-discharge) as of the report date, outcome figures in the following pages are subject to change in the future as new data is collected.*



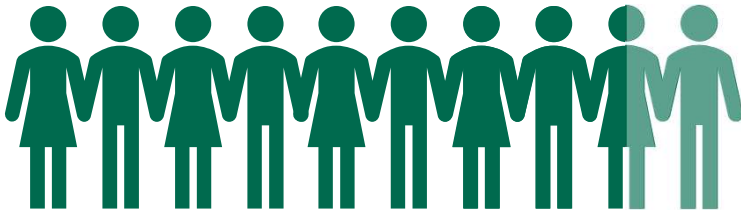


# Wraparound Outcomes

## Keeping Youth Out of Care\*

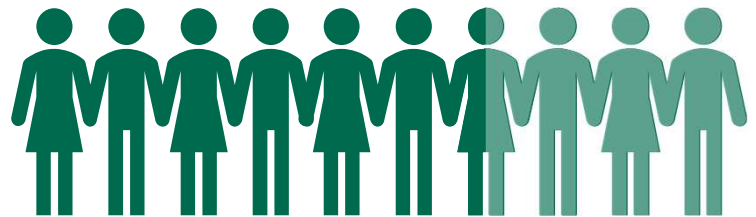
(table 11)

### Prevention Youth



86% did not enter care during or in the year following Wraparound.

### Aftercare Youth



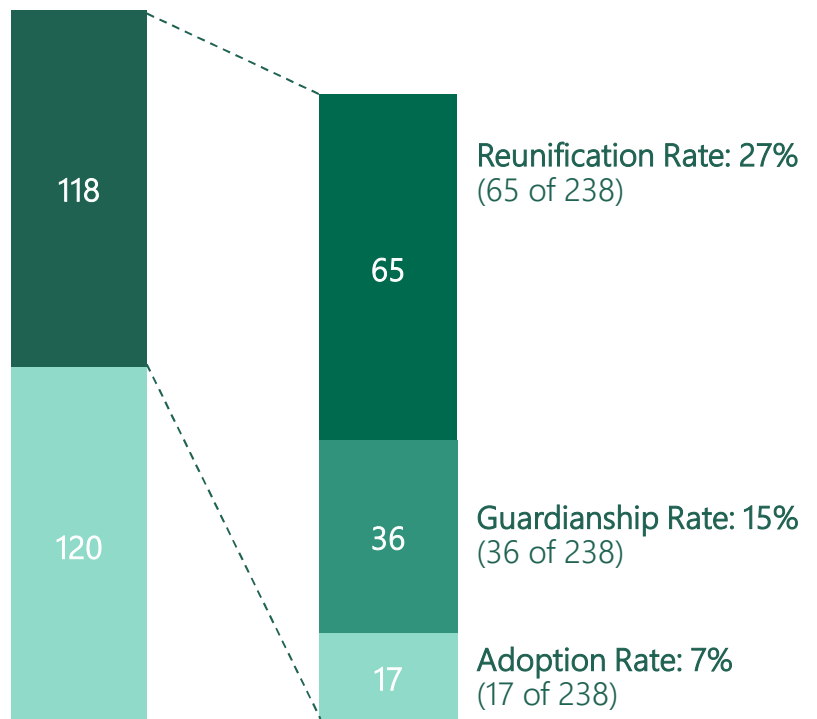
65% did not enter care during or in the year following Wraparound.

Ⓜ 81% (Prevention) and 61% (Aftercare) waiver youth didn't enter care.

## Permanency Outcomes (In-Care Youth)

(table 12)

50% of youth (118 of 238 In-Care enrollment cohort youth) exited to permanency\* during or in the year following Wraparound.



Ⓜ Rates for Waiver youth are comparable.





# Wraparound Outcomes

## Placement Stability (In-Care Youth)

(table 15)

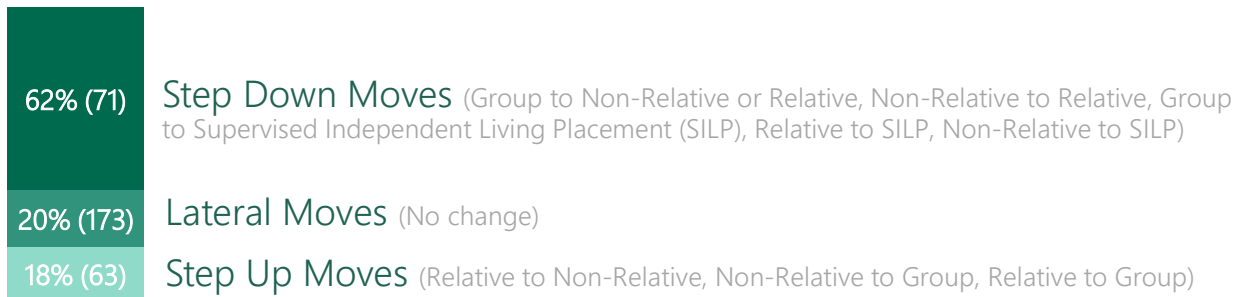
Average Placement Move Rate (Per 1000 Days In Care)

3.71 Enrollment cohort youth during or in the year post-Wraparound.

4.65 All SF County Child Welfare youth aged 1-17 in FY 2015-2022.<sup>1</sup>

## Total Placement Moves

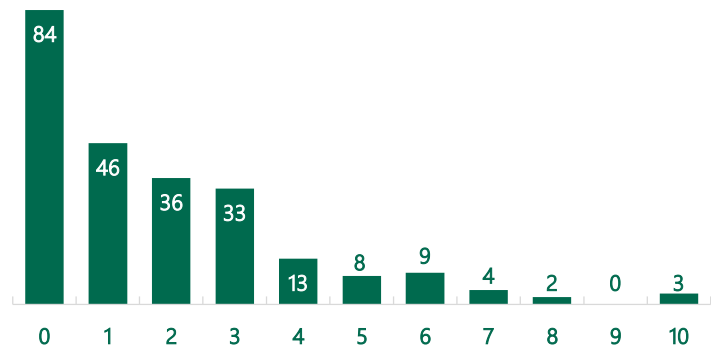
437 Total Placement Moves during or in the year post-Wraparound



# of Enrollment Cohort Youth by Total Placement Moves

1 Placement Move (Median)

35% of youth (84 of 238) had 0 placement moves.



## Increasing Safety

(table 16)



89% of youth had no substantiated allegations during or in the year following Wraparound.

<sup>1</sup>Webster, D., Lee, S., Dawson, W., Magruder, J., Exel, M., Cuccaro-Alamin, S., Putnam-Hornstein, E., Wiegmann, W., Saika, G., Courtney, M., Eastman, A.L., Hammond, I., Gomez, A., Prakash, A., Sunaryo, E., Guo, S., Berwick, H., Hoerl, C., Yee, H., Flamson, T., Gonzalez, A., Ensele, P., Nevin, J., & Guinan, B. (2022). CCWIP reports. Retrieved Mar 24, 2023, from University of California at Berkeley California Child Welfare Indicators Project website. URL: <https://ccwip.berkeley.edu>



# Wraparound Outcomes

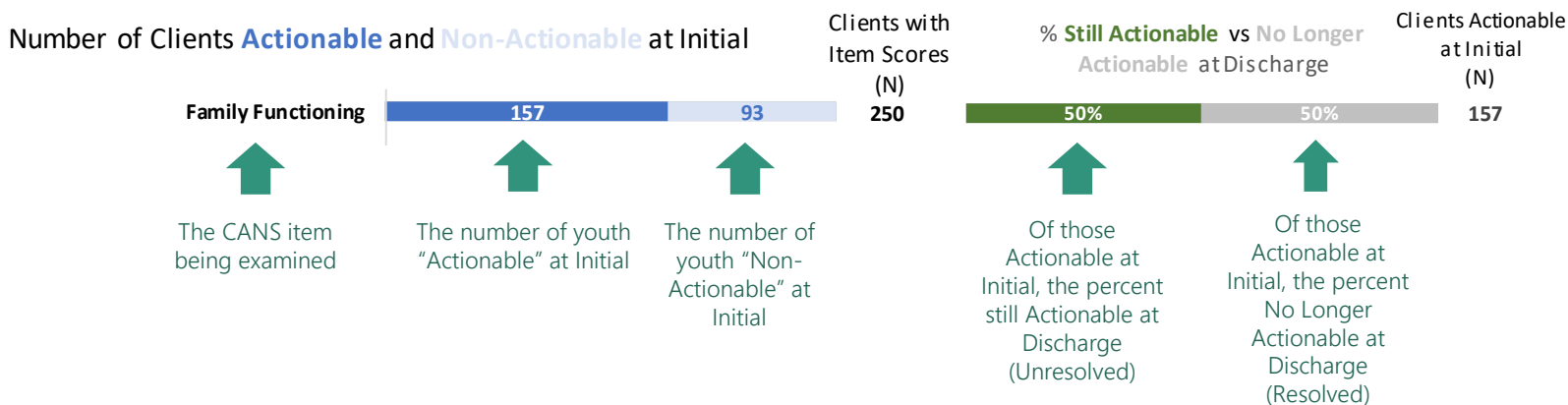
The *Child and Adolescent Needs and Strengths (CANS)* assessment is completed by the Wraparound clinician at entry to Wraparound, every six months after entry, and at discharge from services.

Data represent the number or percent of youth who are "Actionable" on each item. An "Actionable" item indicates an area that should be considered a focus for intervention.

The following pages show data on change in emotional and behavioral health as measured in change in CANS items from Actionable to Non-Actionable status. Please see below for information about how to read these visuals.

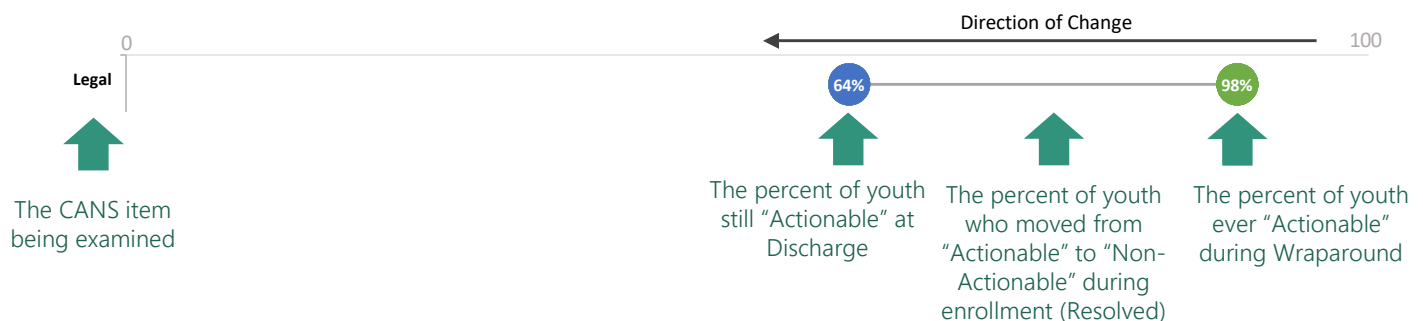
## How to Read CANS Visuals

### Youth Who Were Actionable at Initial Assessment and No Longer Actionable at Discharge



### Youth Who Were Ever Actionable and No Longer Actionable at Discharge

Change in % of youth who were Ever Actionable during treatment and were Still Actionable at Discharge for each CANS item.





# Wraparound Outcomes

## Youth Actionable Status at Initial and at Discharge

(table 17)

| Number of Clients Actionable and Non-Actionable at Initial | Clients with Item Scores (N) | % Still Actionable vs No Longer Actionable at Discharge | Clients Actionable at Initial (N) |
|--|------------------------------|---|-----------------------------------|
| Family Functioning   | 194 / 111                    | 54% / 46%   | 194                               |
| Adjustment to Trauma                                       | 179 / 126                    | 48% / 52%   | 179                               |
| Anxiety  | 177 / 124                    | 53% / 47%   | 177                               |
| Relationship Permanence                                    | 161 / 144                    | 48% / 52%   | 161                               |
| Emotional and/or Physical Dysregulation                    | 149 / 148                    | 54% / 46%   | 149                               |
| Anger Control  | 149 / 141                    | 46% / 54%   | 149                               |
| Depression   | 137 / 164                    | 55% / 45%   | 137                               |
| Living Situation   | 130 / 159                    | 46% / 54%   | 130                               |
| Interpersonal  | 123 / 179                    | 57% / 43%   | 123                               |
| Family Strengths   | 123 / 182                    | 48% / 52%   | 123                               |
| School Achievement   | 123 / 151                    | 46% / 54%   | 123                               |
| Impulsivity/Hyperactivity                                  | 115 / 185                    | 48% / 52%   | 115                               |
| Attachment Difficulties                                    | 111 / 174                    | 51% / 49%   | 111                               |
| Recreational   | 107 / 184                    | 50% / 50%   | 107                               |
| School Behavior  | 105 / 169                    | 44% / 56%   | 105                               |
| Talents and Interests                                      | 96 / 194                     | 55% / 45%   | 96                                |
| Oppositional   | 87 / 212                     | 51% / 49%   | 87                                |
| School Attendance  | 80 / 194                     | 43% / 58%   | 80                                |
| Danger to Others   | 77 / 213                     | 38% / 62%   | 77                                |
| Intentional Misbehavior                                    | 54 / 236                     | 30% / 70%   | 54                                |
| Runaway  | 53 / 236                     | 43% / 57%   | 53                                |
| Intrusions/Re-Experiencing                                 | 37 / 245                     | 24% / 76%   | 37                                |
| Other Self-Harm (Recklessness)                             | 34 / 263                     | 35% / 65%   | 34                                |
| Suicide Risk   | 25 / 265                     | 28% / 72%   | 25                                |
| Substance Use  | 19 / 140                     | 53% / 47%   | 19                                |
| Dissociation   | 18 / 279                     | 28% / 72%   | 18                                |
| Developmental/Intellectual                                 | 18 / 282                     | 67% / 33%   | 18                                |
| Conduct  | 17 / 272                     | 47% / 53%   | 17                                |
| Delinquent Behavior  | 15 / 275                     | 60% / 40%   | 15                                |
| Somatization   | 13 / 277                     | 31% / 69%   | 13                                |
| Medical/Physical   | 11 / 277                     | 55% / 45%   | 11                                |
| Legal  | 11 / 279                     | 45% / 55%   | 11                                |
| Sexual Development   | 10 / 280                     | 40% / 60%   | 10                                |



# Wraparound Outcomes

## Youth Who Were Ever Actionable and Still Actionable at Discharge

(table 17)

Change in % of youth who were **Ever Actionable** during treatment and were **Still Actionable at Discharge** for each CANS item.





# Wraparound Outcomes

## Reasons for Discharge

**Background:** When a youth is discharged from Wraparound, the clinician completes a Discharge Summary form in the agency's EHR. The data on this page are pulled from the provider agencies' EHRs (not from the dataset provided by SF HSA).

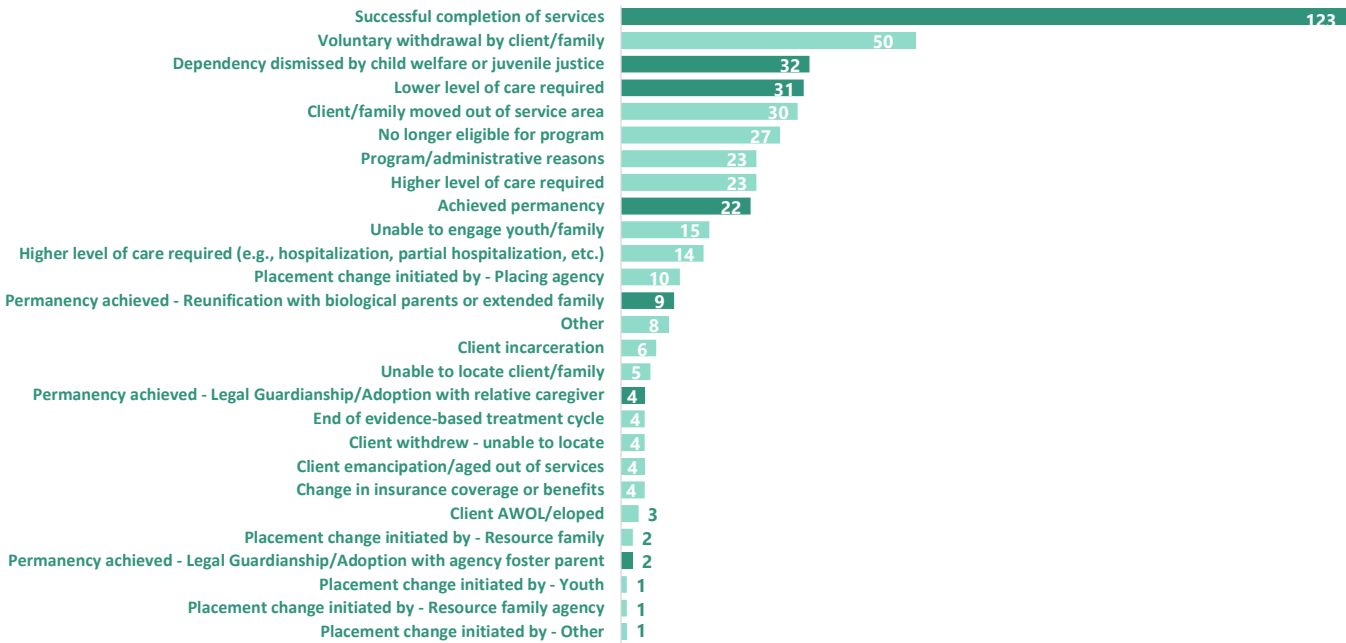
**351** Discharges with discharge data collected (out of 357 total discharges).

Duration of Wraparound Enrollment

Average **11.2 Months**

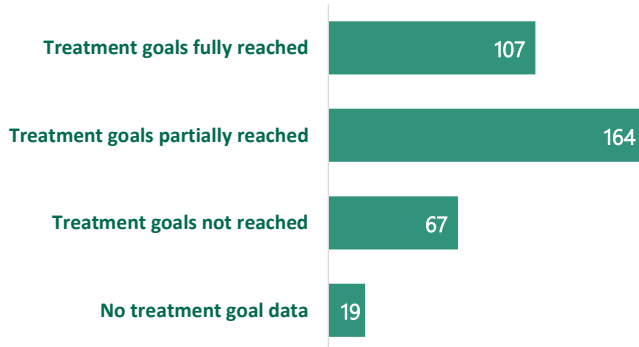
Median **9.6 Months**

Reasons for Discharge  
(Multiple reasons may be selected)



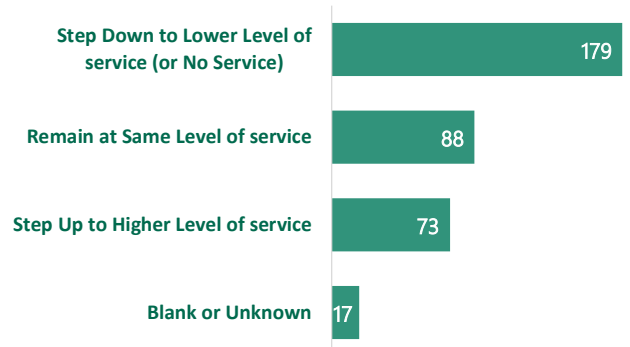
■ Positive reasons for discharge

### Treatment Goal Progress at Discharge



Four-fifths of discharges with data (238 out of 338) fully or partially reached their treatment goals.

### Next Level of Care at Discharge



Over half of discharges with data (179 out of 340) stepped down to a lower level of service (or no service).



# Appendix

## Definitions:

### Eligibility for Wraparound:

- The child and/or family is experiencing a disturbance in one or more of the following areas: school, community relations, emotional functioning (SED) or family relations; AND/OR
- Intensive service coordination, delivery, and/or support is required to assist the family or caretaker in meeting the child’s needs; AND
- The child has family, a relative, legal guardian, or other significant person in his/her life that is open to participating in a strengths-based, family-centered process and resides within or in close proximity to any of the Wraparound geographic service areas such as Alameda, Contra Costa, San Mateo, Solano, Marin or, when necessary, family finding efforts can be used to identify such persons; AND
- The child is eligible under California Welfare and Institutions Code (WIC) 300 (i.e., is a dependent); OR
- The child has a legal guardianship case or is receiving adoption aid payments.

### Waiver Eligibility:

- Families who have not previously qualified for Wraparound services, e.g. non-court family maintenance cases; dependent children in home or foster care who are not at risk of residential placement but could benefit from the service; legal guardianship cases; children whose child welfare cases are closing but still need services.

### Enrollment Cohort Categories:

- **Prevention:** Is not involved in an active Foster Care Episode when enrolled in Wraparound services and has not had an Episode prior.
- **In-Care:** Is currently involved in an active Foster Care Episode when enrolled in Wraparound.
- **Aftercare:** Is not involved in an active Foster Care Episode when enrolled in Wraparound but has one more Episodes prior to enrollment.

### Exit to Permanency:

- Defined as a Foster Care Episode which ended for one of the following reasons in the data:
  - Adoption Finalized
  - Child Released Home
  - Guardianship
  - Reunified with Parent/Guardian (Court)
  - Reunified with Parent/Guardian (Non-Court)

*Note: Since not all enrollment cohort youth have discharged (or completed a full year post-discharge) as of the report date, some numbers in the following tables are subject to change in the future as new data are collected.*

Table 1. Number of referrals to Wraparound by waiver status.

| Enrollment Year | Non-Waiver | Waiver     | Total      |
|-----------------|------------|------------|------------|
| 2015-16         | 107        | 29         | 136        |
| 2016-17         | 102        | 13         | 115        |
| 2017-18         | 105        | 33         | 138        |
| 2018-19         | 93         | 13         | 106        |
| 2019-20         | 81         | 9          | 90         |
| 2020-21         | 65         | 8          | 73         |
| 2021-22         | 60         | 2          | 62         |
| <b>Total</b>    | <b>613</b> | <b>107</b> | <b>720</b> |

Table 2. Number of enrollment cohort youth by waiver status.

| Enrollment year | Non-waiver | Waiver    | Total      |
|-----------------|------------|-----------|------------|
| 2015-16         | 53         | 25        | 78         |
| 2016-17         | 56         | 9         | 65         |
| 2017-18         | 47         | 23        | 70         |
| 2018-19         | 37         | 7         | 44         |
| 2019-20         | 48         | 8         | 56         |
| 2020-21         | 37         | 7         | 44         |
| 2021-22         | 21         | 0         | 21         |
| <b>Total</b>    | <b>299</b> | <b>79</b> | <b>378</b> |



# Appendix

Table 3. Number of enrollment cohort youth by agency.

| Enrollment year | Edgewood | St. Vincent's | Seneca | Total |
|-----------------|----------|---------------|--------|-------|
| 2015-16         | 9        | 5             | 64     | 78    |
| 2016-17         | 12       | 8             | 45     | 65    |
| 2017-18         | 16       | 6             | 48     | 70    |
| 2018-19         | 11       | 2             | 31     | 44    |
| 2019-20         | 7        | 1             | 48     | 56    |
| 2020-21         | 19       | 0             | 25     | 44    |
| 2021-22         | 9        | 0             | 12     | 21    |
| Total           | 83       | 22            | 273    | 378   |

Table 4. Number of enrollment cohort youth by gender.

| Gender | # of enrollment cohort youth |
|--------|------------------------------|
| F      | 191                          |
| M      | 185                          |
| Other  | 2                            |
| Total  | 378                          |

Table 5. Number of enrollment cohort youth by age at intake.

| Age at intake | # of enrollment cohort youth |
|---------------|------------------------------|
| 2             | 1                            |
| 3             | 4                            |
| 4             | 9                            |
| 5             | 18                           |
| 6             | 21                           |
| 7             | 18                           |
| 8             | 24                           |
| 9             | 21                           |
| 10            | 21                           |
| 11            | 31                           |
| 12            | 30                           |
| 13            | 34                           |
| 14            | 42                           |
| 15            | 25                           |
| 16            | 36                           |
| 17            | 26                           |
| 18            | 10                           |
| 19            | 7                            |
| Total         | 378                          |





# Appendix

Table 6. Number of enrollment cohort youth by ethnicity.

| Ethnicity                        | # of enrollment cohort youth |
|----------------------------------|------------------------------|
| African-American                 | 213                          |
| Two or More                      | 63                           |
| Caucasian                        | 62                           |
| Hispanic/Latino                  | 59                           |
| Latin American                   | 23                           |
| Filipino                         | 15                           |
| Native-American                  | 9                            |
| Mexican-American/Chicano         | 7                            |
| Other                            | 7                            |
| Asian                            | 6                            |
| Chinese                          | 4                            |
| Arab-American                    | 4                            |
| Unspecified                      | 2                            |
| Samoan                           | 2                            |
| Hawaiian Native                  | 2                            |
| Vietnamese                       | 1                            |
| Japanese                         | 1                            |
| Unknown                          | 1                            |
| Other Asian                      | 1                            |
| Korean                           | 1                            |
| Native Hawaiian/Pacific Islander | 1                            |
| No Ethnicity Reported            | 1                            |

Table 7. Duration of enrollment in Wraparound.

| Enrollment Year | # of enrollment cohort youth | median length of stay in months |
|-----------------|------------------------------|---------------------------------|
| 2015-16         | 78                           | 10.53                           |
| 2016-17         | 65                           | 8.17                            |
| 2017-18         | 70                           | 10.90                           |
| 2018-19         | 44                           | 11.22                           |
| 2019-20         | 55                           | 9.63                            |
| 2020-21         | 39                           | 5.80                            |
| 2021-22         | 6                            | 4.45                            |
| Total           | 357                          | 9.57                            |



# Appendix

Table 8. Total service hours per month enrolled by Wraparound service category.

| Enrollment Year | Case Management | Crisis Intervention | Educational Services | Medication Support | Mental Health Services | Non-Billable | Total        |
|-----------------|-----------------|---------------------|----------------------|--------------------|------------------------|--------------|--------------|
| <b>2015-16</b>  | <b>3.74</b>     | <b>0.00</b>         | <b>0.00</b>          | <b>0.06</b>        | <b>19.88</b>           | <b>4.48</b>  | <b>28.16</b> |
| Edgewood        | 2.69            | 0.02                | 0.00                 | 0.06               | 34.37                  | 8.87         | 46.01        |
| Seneca          | 4.02            | 0.00                | 0.00                 | 0.06               | 18.16                  | 4.09         | 26.33        |
| St. Vincent's   | 1.61            | 0.00                | 0.00                 | 0.00               | 14.30                  | 0.64         | 16.55        |
| <b>2016-17</b>  | <b>2.69</b>     | <b>0.00</b>         | <b>0.00</b>          | <b>0.12</b>        | <b>15.78</b>           | <b>3.55</b>  | <b>22.13</b> |
| Edgewood        | 0.26            | 0.00                | 0.00                 | 0.00               | 17.93                  | 5.81         | 24.00        |
| Seneca          | 3.12            | 0.00                | 0.00                 | 0.13               | 16.07                  | 3.48         | 22.81        |
| St. Vincent's   | 0.09            | 0.00                | 0.00                 | 0.01               | 9.74                   | 1.85         | 11.69        |
| <b>2017-18</b>  | <b>3.03</b>     | <b>0.00</b>         | <b>0.00</b>          | <b>0.13</b>        | <b>15.69</b>           | <b>3.15</b>  | <b>22.01</b> |
| Edgewood        | 2.39            | 0.02                | 0.00                 | 0.08               | 15.03                  | 5.46         | 22.98        |
| Seneca          | 3.16            | 0.00                | 0.00                 | 0.15               | 15.68                  | 2.67         | 21.66        |
| St. Vincent's   | 3.68            | 0.00                | 0.00                 | 0.08               | 17.46                  | 1.17         | 22.39        |
| <b>2018-19</b>  | <b>1.45</b>     | <b>0.00</b>         | <b>0.00</b>          | <b>0.11</b>        | <b>14.74</b>           | <b>2.56</b>  | <b>18.86</b> |
| Edgewood        | 1.71            | 0.02                | 0.00                 | 0.03               | 17.06                  | 5.89         | 24.71        |
| Seneca          | 1.18            | 0.00                | 0.00                 | 0.13               | 13.54                  | 1.88         | 16.73        |
| St. Vincent's   | 4.52            | 0.00                | 0.00                 | 0.00               | 23.55                  | 0.18         | 28.24        |
| <b>2019-20</b>  | <b>2.75</b>     | <b>0.00</b>         | <b>0.00</b>          | <b>0.10</b>        | <b>7.72</b>            | <b>2.43</b>  | <b>12.99</b> |
| Edgewood        | 1.40            | 0.02                | 0.00                 | 0.07               | 12.85                  | 4.15         | 18.49        |
| Seneca          | 2.91            | 0.00                | 0.00                 | 0.11               | 7.18                   | 2.27         | 12.47        |
| St. Vincent's   | 1.41            | 0.00                | 0.00                 | 0.00               | 7.21                   | 0.10         | 8.71         |
| <b>2020-21</b>  | <b>1.92</b>     | <b>0.00</b>         | <b>0.00</b>          | <b>0.13</b>        | <b>9.77</b>            | <b>2.59</b>  | <b>14.42</b> |
| Edgewood        | 1.78            | 0.01                | 0.00                 | 0.12               | 14.35                  | 1.99         | 18.25        |
| Seneca          | 2.02            | 0.00                | 0.00                 | 0.15               | 6.55                   | 3.01         | 11.72        |
| <b>2021-22</b>  | <b>2.41</b>     | <b>0.05</b>         | <b>0.00</b>          | <b>0.22</b>        | <b>10.43</b>           | <b>2.01</b>  | <b>15.12</b> |
| Edgewood        | 2.10            | 0.00                | 0.00                 | 0.14               | 12.87                  | 1.50         | 16.61        |
| Seneca          | 2.67            | 0.10                | 0.00                 | 0.29               | 8.30                   | 2.46         | 13.81        |
| <b>Total</b>    | <b>2.78</b>     | <b>0.00</b>         | <b>0.00</b>          | <b>0.11</b>        | <b>14.63</b>           | <b>3.25</b>  | <b>20.77</b> |

Table 9. Number of Child/Family Team meetings per client, per month enrolled, by agency

| Enrollment Year | Edgewood    | Seneca      | St. Vincent's | Total       |
|-----------------|-------------|-------------|---------------|-------------|
| 2015-16         | 0.80        | 0.43        | 0.45          | 0.48        |
| 2016-17         | 0.99        | 0.39        | 0.48          | 0.44        |
| 2017-18         | 0.93        | 0.53        | 0.63          | 0.63        |
| 2018-19         | 0.83        | 0.49        | 0.31          | 0.54        |
| 2019-20         | 0.87        | 0.67        | 0.27          | 0.68        |
| 2020-21         | 0.95        | 0.68        |               | 0.79        |
| 2021-22         | 0.89        | 0.58        |               | 0.72        |
| <b>Total</b>    | <b>0.90</b> | <b>0.51</b> | <b>0.50</b>   | <b>0.58</b> |



# Appendix

Table 10. Enrollment cohort youth who had out-of-home placements in the year prior to first Wraparound enrollment.

| Enrollment year | # of enrollment cohort |            |            |
|-----------------|------------------------|------------|------------|
|                 | youth                  | # of youth | % of youth |
| 2015-16         | 78                     | 48         | 62%        |
| 2016-17         | 65                     | 49         | 75%        |
| 2017-18         | 70                     | 56         | 80%        |
| 2018-19         | 44                     | 30         | 68%        |
| 2019-20         | 56                     | 47         | 84%        |
| 2020-21         | 44                     | 36         | 82%        |
| 2021-22         | 21                     | 18         | 86%        |
| <b>Total</b>    | <b>378</b>             | <b>284</b> | <b>75%</b> |

Table 11. Prevention and Aftercare enrollment cohort youth who did not enter one or more out-of-home placements during first Wraparound or one-year post discharge by enrollment year.

| Enrollment year | Prevention                             |  | Aftercare                              |  |
|-----------------|--|--|--|--|
|                 | # of youth who did not enter placement | % of youth who did not enter placement | # of youth who did not enter placement | % of youth who did not enter placement |
| 2015-16         | 19                                     | 86%                                    | 8                                      | 47%                                    |
| 2016-17         | 12                                     | 92%                                    | 9                                      | 69%                                    |
| 2017-18         | 6                                      | 86%                                    | 9                                      | 56%                                    |
| 2018-19         | 7                                      | 100%                                   | 9                                      | 90%                                    |
| 2019-20         | 6                                      | 67%                                    | 3                                      | 60%                                    |
| 2020-21         | 3                                      | 75%                                    | 9                                      | 75%                                    |
| 2021-22         | 3                                      | 100%                                   | 2                                      | 100%                                   |
| <b>Total</b>    | <b>56</b>                              | <b>86%</b>                             | <b>49</b>                              | <b>65%</b>                             |

Table 12. In-care youth who exited to permanency (Adoption, Guardianship, Reunification) during first Wraparound or one year post discharge.

| Enrollment year | # of enrollment cohort youth | # of youth who ended in permanency | % of youth who ended in permanency | Adoption   |            | Guardianship |            | Reunification |            |
|-----------------|------------------------------|------------------------------------|------------------------------------|------------|------------|--------------|------------|---------------|------------|
|                 |                              |                                    |                                    | # of youth | % of youth | # of youth   | % of youth | # of youth    | % of youth |
| 2015-16         | 39                           | 22                                 | 56%                                | 3          | 8%         | 6            | 15%        | 13            | 33%        |
| 2016-17         | 39                           | 21                                 | 54%                                | 4          | 10%        | 6            | 15%        | 11            | 28%        |
| 2017-18         | 47                           | 23                                 | 49%                                | 2          | 4%         | 8            | 17%        | 13            | 28%        |
| 2018-19         | 27                           | 13                                 | 48%                                | 2          | 7%         | 4            | 15%        | 7             | 26%        |
| 2019-20         | 42                           | 18                                 | 43%                                | 2          | 5%         | 8            | 19%        | 8             | 19%        |
| 2020-21         | 28                           | 17                                 | 61%                                | 3          | 11%        | 4            | 14%        | 10            | 36%        |
| 2021-22         | 16                           | 4                                  | 25%                                | 1          | 6%         | 0            | 0%         | 3             | 19%        |
| <b>Total</b>    | <b>238</b>                   | <b>118</b>                         | <b>50%</b>                         | <b>17</b>  | <b>7%</b>  | <b>36</b>    | <b>15%</b> | <b>65</b>     | <b>27%</b> |



# Appendix

Table 13. Enrollment cohort youth who did not enter one or more out-of-home placements during one year post first Wraparound enrollment.

| Enrollment year | Prevention                             |  | Aftercare                              |  |
|-----------------|--|--|--|--|
|                 | # of youth who did not enter placement | % of youth who did not enter placement | # of youth who did not enter placement | % of youth who did not enter placement |
| 2015-16         | 19                                     | 86%                                    | 8                                      | 47%                                    |
| 2016-17         | 12                                     | 92%                                    | 9                                      | 69%                                    |
| 2017-18         | 6                                      | 86%                                    | 9                                      | 56%                                    |
| 2018-19         | 7                                      | 100%                                   | 9                                      | 90%                                    |
| 2019-20         | 6                                      | 67%                                    | 3                                      | 60%                                    |
| 2020-21         | 3                                      | 75%                                    | 9                                      | 75%                                    |
| 2021-22         | 3                                      | 100%                                   | 2                                      | 100%                                   |
| <b>Total</b>    | <b>56</b>                              | <b>86%</b>                             | <b>49</b>                              | <b>65%</b>                             |

Table 14. In-care youth who exited to permanency (Adoption, Guardianship, Reunification) during one year post first Wraparound enrollment.

| Enrollment year | # of enrollment cohort youth | # of youth who ended in permanency | % of youth who ended in permanency | Adoption   |            | Guardianship |            | Reunification |            |
|-----------------|------------------------------|------------------------------------|------------------------------------|------------|------------|--------------|------------|---------------|------------|
|                 |                              |                                    |                                    | # of youth | % of youth | # of youth   | % of youth | # of youth    | % of youth |
| 2015-16         | 39                           | 22                                 | 56%                                | 3          | 8%         | 6            | 15%        | 13            | 33%        |
| 2016-17         | 39                           | 21                                 | 54%                                | 4          | 10%        | 6            | 15%        | 11            | 28%        |
| 2017-18         | 47                           | 23                                 | 49%                                | 2          | 4%         | 8            | 17%        | 13            | 28%        |
| 2018-19         | 27                           | 13                                 | 48%                                | 2          | 7%         | 4            | 15%        | 7             | 26%        |
| 2019-20         | 42                           | 18                                 | 43%                                | 2          | 5%         | 8            | 19%        | 8             | 19%        |
| 2020-21         | 28                           | 17                                 | 61%                                | 3          | 11%        | 4            | 14%        | 10            | 36%        |
| 2021-22         | 16                           | 4                                  | 25%                                | 1          | 6%         | 0            | 0%         | 3             | 19%        |
| <b>Total</b>    | <b>238</b>                   | <b>118</b>                         | <b>50%</b>                         | <b>17</b>  | <b>7%</b>  | <b>36</b>    | <b>15%</b> | <b>65</b>     | <b>27%</b> |



# Appendix

Table 15. Placement move types for In-care youth during first Wraparound enrollment or one year post discharge.

| Enrollment year | # of enrollment cohort youth | # of placement moves per 1000 |  | # of placement moves | % of total placement moves |
|-----------------|------------------------------|-------------------------------|--|----------------------|----------------------------|
|                 |                              | Days in care                  |  |                      |                            |
| <b>2015-16</b>  | <b>39</b>                    | <b>3.08</b>                   |  | <b>64</b>            | <b>100%</b>                |
| Stepped Up      | 39                           | 0.67                          |  | 14                   | 22%                        |
| Lateral Move    | 39                           | 1.54                          |  | 33                   | 52%                        |
| Stepped Down    | 39                           | 0.87                          |  | 17                   | 27%                        |
| <b>2016-17</b>  | <b>39</b>                    | <b>3.56</b>                   |  | <b>79</b>            | <b>100%</b>                |
| Stepped Up      | 39                           | 0.88                          |  | 17                   | 22%                        |
| Lateral Move    | 39                           | 1.54                          |  | 36                   | 46%                        |
| Stepped Down    | 39                           | 1.14                          |  | 26                   | 33%                        |
| <b>2017-18</b>  | <b>47</b>                    | <b>3.65</b>                   |  | <b>98</b>            | <b>100%</b>                |
| Stepped Up      | 47                           | 0.80                          |  | 19                   | 19%                        |
| Lateral Move    | 47                           | 2.13                          |  | 59                   | 60%                        |
| Stepped Down    | 47                           | 0.72                          |  | 20                   | 20%                        |
| <b>2018-19</b>  | <b>27</b>                    | <b>3.78</b>                   |  | <b>45</b>            | <b>100%</b>                |
| Stepped Up      | 27                           | 0.40                          |  | 5                    | 11%                        |
| Lateral Move    | 27                           | 2.89                          |  | 34                   | 76%                        |
| Stepped Down    | 27                           | 0.48                          |  | 6                    | 13%                        |
| <b>2019-20</b>  | <b>42</b>                    | <b>4.23</b>                   |  | <b>91</b>            | <b>100%</b>                |
| Stepped Up      | 42                           | 0.91                          |  | 20                   | 22%                        |
| Lateral Move    | 42                           | 2.68                          |  | 57                   | 63%                        |
| Stepped Down    | 42                           | 0.64                          |  | 14                   | 15%                        |
| <b>2020-21</b>  | <b>28</b>                    | <b>4.35</b>                   |  | <b>49</b>            | <b>100%</b>                |
| Stepped Up      | 28                           | 0.27                          |  | 3                    | 6%                         |
| Lateral Move    | 28                           | 3.44                          |  | 39                   | 80%                        |
| Stepped Down    | 28                           | 0.63                          |  | 7                    | 14%                        |
| <b>2021-22</b>  | <b>16</b>                    | <b>3.38</b>                   |  | <b>11</b>            | <b>100%</b>                |
| Stepped Up      | 16                           | 0.00                          |  |                      | 0%                         |
| Lateral Move    | 16                           | 3.38                          |  | 11                   | 100%                       |
| Stepped Down    | 16                           | 0                             |  |                      | 0%                         |
| <b>Total</b>    | <b>238</b>                   | <b>3.71</b>                   |  | <b>437</b>           | <b>100%</b>                |

Table 16. Enrollment cohort youth with substantiated allegations during one-year prior to enrollment in Wraparound or during first Wraparound or one-year post discharge.

| Enrollment year | # of enrollment cohort youth | One-year prior  |   | First Wraparound enrollment or one year post   |  |
|-----------------|------------------------------|---|---|--|--|
|                 |                              | # of youth with one or more substantiated allegations | % of youth with one or more substantiated allegations | # of youth with zero substantiated allegations | % of youth with zero substantiated allegations |
| 2015-16         | 78                           | 42  | 54%   | 66   | 85%  |
| 2016-17         | 65                           | 37  | 57%   | 57   | 88%  |
| 2017-18         | 70                           | 32  | 46%   | 62   | 89%  |
| 2018-19         | 44                           | 18  | 41%   | 40   | 91%  |
| 2019-20         | 56                           | 30  | 54%   | 50   | 89%  |
| 2020-21         | 44                           | 25  | 57%   | 41   | 93%  |
| 2021-22         | 21                           | 6   | 29%   | 20   | 95%  |
| <b>Total</b>    | <b>378</b>                   | <b>190</b>  | <b>50%</b>  | <b>278</b>                                     | <b>89%</b>                                     |



# Appendix

Table 17. Number of Youth Who Moved from Actionable to No Longer Actionable on CANS items

| Domain   | Item                                    | # of Clients with Item Scores on Both Initial and Discharge (All Initials and All Discharges) | # of Clients Actionable (Initial) (Matched to Discharge, All Initials and Discharges) | # of Clients Non-Actionable (Initial) (Matched to Discharge, All Initials and Discharges) | # of Clients Still Actionable at Discharge (of Those Actionable at Initial, All Initials and Discharges) | % of Clients No Longer Actionable at Discharge (of Those Actionable at Initial, All Initials and Discharges) |  | # of Clients with Item Scores (Discharge) (no matching filter, All Discharges) | # of Clients Ever Actionable (Of Clients Who Have Scores on Discharge, All Discharges) | % of Clients Ever Actionable (Of Clients Who Have Scores on Discharge, All Discharges) |  | # of Clients Actionable (no matching filter, All Discharges) | % of Clients Actionable (no matching filter, All Discharges) |     |
|--|---|---|---|---|--|--|--|--|--|--|--|--|--|-----|
|  |   |   |   |   |  | % of Clients Still Actionable at Discharge (of Those Actionable at Initial, All Initials and Discharges)     | % of Clients No Longer Actionable at Discharge (of Those Actionable at Initial, All Initials and Discharges) |  |  | % of Clients Ever Actionable (Of Clients Who Have Scores on Discharge, All Discharges) | % of Clients Actionable (no matching filter, All Discharges) |  |  |     |
| <b>Behavioral/Emotional Needs</b>                      | Adjustment to Trauma                    | 305   | 179   | 126   | 86   | 93   | 48%  | 52%  | 311  | 214  | 69%  | 111  | 36%  |     |
|  | Anger Control                           | 290   | 149   | 141   | 69   | 80   | 46%  | 54%  | 304  | 164  | 54%  | 78   | 26%  |     |
|  | Anxiety                                 | 301   | 177   | 124   | 93   | 84   | 53%  | 47%  | 309  | 216  | 70%  | 120  | 39%  |     |
|  | Attachment Difficulties                 | 285   | 111   | 174   | 57   | 54   | 51%  | 49%  | 292  | 156  | 53%  | 83   | 28%  |     |
|  | Conduct                                 | 289   | 17  | 272   | 8  | 9  | 47%  | 53%  | 303  | 37   | 12%  | 23   | 8%   |     |
|  | Depression                              | 301   | 137   | 164   | 75   | 62   | 55%  | 45%  | 309  | 179  | 58%  | 104  | 34%  |     |
|  | Impulsivity/Hyperactivity               | 300   | 115   | 185   | 55   | 60   | 48%  | 52%  | 308  | 145  | 47%  | 77   | 25%  |     |
|  | Oppositional                            | 299   | 87  | 212   | 44   | 43   | 51%  | 49%  | 307  | 106  | 35%  | 59   | 19%  |     |
|  | Psychosis                               | 290   | 5   | 285   | 3  | 2  | 60%  | 40%  | 304  | 9  | 3%   | 7  | 2%   |     |
|  | Somatization                            | 290   | 13  | 277   | 4  | 9  | 31%  | 69%  | 304  | 22   | 7%   | 7  | 2%   |     |
|  | Substance Use                           | 159   | 19  | 140   | 10   | 9  | 53%  | 47%  | 174  | 29   | 17%  | 18   | 10%  |     |
| <b>Life Domain Functioning</b>                         | Developmental/Intellectual              | 300   | 18  | 282   | 12   | 6  | 67%  | 33%  | 308  | 21   | 7%   | 14   | 5%   |     |
|  | Family Functioning                      | 305   | 194   | 111   | 105  | 89   | 54%  | 46%  | 311  | 230  | 74%  | 130  | 42%  |     |
|  | Legal                                   | 290   | 11  | 279   | 5  | 6  | 45%  | 55%  | 304  | 25   | 8%   | 19   | 6%   |     |
|  | Living Situation                        | 289   | 130   | 159   | 60   | 70   | 46%  | 54%  | 303  | 177  | 58%  | 86   | 28%  |     |
|  | Medical/Physical                        | 288   | 11  | 277   | 6  | 5  | 55%  | 45%  | 293  | 16   | 5%   | 7  | 2%   |     |
|  | Recreational                            | 291   | 107   | 184   | 54   | 53   | 50%  | 50%  | 305  | 153  | 50%  | 85   | 28%  |     |
|  | School Achievement                      | 274   | 123   | 151   | 56   | 67   | 46%  | 54%  | 287  | 164  | 57%  | 76   | 26%  |     |
|  | School Attendance                       | 274   | 80  | 194   | 34   | 46   | 43%  | 58%  | 287  | 111  | 39%  | 56   | 20%  |     |
|  | School Behavior                         | 274   | 105   | 169   | 46   | 59   | 44%  | 56%  | 287  | 145  | 51%  | 71   | 25%  |     |
|  | Sexual Development                      | 290   | 10  | 280   | 4  | 6  | 40%  | 60%  | 304  | 18   | 6%   | 7  | 2%   |     |
|  | <b>Risk Behaviors</b>                   | Danger to Others  | 290   | 77  | 213  | 29   | 48   | 38%  | 62%  | 304  | 107  | 35%  | 40   | 13% |
| Delinquent Behavior                                    |   | 290   | 15  | 275   | 9  | 6  | 60%  | 40%  | 304  | 34   | 11%  | 16   | 5%   |     |
| Fire Setting   |   | 290   |   | 290   |  |  |  |  | 304  | 4  | 1%   | 2  | 1%   |     |
| Intentional Misbehavior                                |   | 290   | 54  | 236   | 16   | 38   | 30%  | 70%  | 304  | 78   | 26%  | 29   | 10%  |     |
| Other Self-Harm (Recklessness)                         |   | 297   | 34  | 263   | 12   | 22   | 35%  | 65%  | 306  | 53   | 17%  | 24   | 8%   |     |
| Runaway  |   | 289   | 53  | 236   | 23   | 30   | 43%  | 57%  | 303  | 78   | 26%  | 40   | 13%  |     |
| Sexual Aggression                                      |   | 290   | 2   | 288   |  | 2  | 0%   | 100%   | 304  | 6  | 2%   | 4  | 1%   |     |
| Sexually Reactive Behavior (High Risk Sexual Activity) |   | 147   | 4   | 143   | 1  | 3  | 25%  | 75%  | 149  | 9  | 6%   | 4  | 3%   |     |
| Suicide Risk   |   | 290   | 25  | 265   | 7  | 18   | 28%  | 72%  | 304  | 38   | 13%  | 15   | 5%   |     |
| <b>Strengths Domain</b>                                |   | Family Strengths  | 305   | 123   | 182  | 59   | 64   | 48%  | 52%  | 311  | 149  | 48%  | 78   | 25% |
|  |   | Interpersonal Relationship Permanence   | 302   | 123   | 179  | 70   | 53   | 57%  | 43%  | 311  | 149  | 48%  | 86   | 28% |
|  | Talents and Interests                   | 305   | 161   | 144   | 78   | 83   | 48%  | 52%  | 311  | 187  | 60%  | 99   | 32%  |     |
| <b>Traumatic Stress Symptoms</b>                       | Talents and Interests                   | 290   | 96  | 194   | 53   | 43   | 55%  | 45%  | 304  | 138  | 45%  | 88   | 29%  |     |
|  | Dissociation                            | 297   | 18  | 279   | 5  | 13   | 28%  | 72%  | 304  | 30   | 10%  | 11   | 4%   |     |
|  | Emotional and/or Physical Dysregulation | 297   | 149   | 148   | 81   | 68   | 54%  | 46%  | 304  | 184  | 61%  | 107  | 35%  |     |
|  | Intrusions/Re-Experiencing              | 282   | 37  | 245   | 9  | 28   | 24%  | 76%  | 289  | 54   | 19%  | 18   | 6%   |     |