ANNUAL EVALUATION SUMMARY: FISCAL YEAR 2019

Child & Adolescent Mental Health Division
Research & Evaluation Team
Program Improvement & Communications Office
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Overview

Review of major trends and findings in the following areas:

• Youth Served
• Services Rendered
• Youth Outcomes

Note. Fiscal year 2019 involved a major transition in electronic health record systems. While every effort has been made to ensure accurate information, it is possible that the information may contain errors.
YOUTH SERVED
CAMHD Youth Served
Fiscal Years 2011-2019

Youth (N)


1878 1954 2119 2225 2405 2496 2405 2372 2267

1550 1765 1965 2089 2070 2209 2162 2082 2122

1197 1230 1313 1337 1505 1528 1420 1397 1357

Fiscal Year
CAMHD Youth Served by FGC
Fiscal Years 2011-2019

*FCLB counts are based on a different method from previous years. This year's counts include all youth served by FCLB during the year.
CAMHD Youth Average Age
Fiscal Years 2007-2019

Note. Data excludes Kauai from 2007-2011 because of Mokihana program.
Trend in % of Youth 12 or Younger: Fiscal Years 2015-2019

Fiscal Year

2015  33.1%
2016  35.3%
2017  37.5%
2018  36.7%
2019  35.2%

% of Youth

Older Than 12
12 or Younger
CAMHD Youth Gender
Fiscal Years 2015-2019

% of Youth

Fiscal Year

2015 2016 2017 2018 2019

Female Male

38% 39% 39% 38% 39%

62% 61% 61% 62% 61%

0% 20% 40% 60% 80% 100%
CAMHD Percent Race Not Available: Fiscal Years 2015-2019

% of Youth

- National Origin NA
- Race NA

Fiscal Year

- 2015: 39%
- 2016: 45%
- 2017: 55%
- 2018: 71%
- 2019: 28%
Primary Diagnosis of Youth Enrolled in Fiscal Year 2019

Anxiety Disorders: 76
Bipolar and Related Disorders: 297
Depressive Disorders: 207
Disruptive, Impulse-Control, and Conduct Disorders: 324
Neurodevelopmental Disorders:
  - Attention-Deficit/Hyperactivity Disorder: 207
  - Autism Spectrum Disorder: 16
  - Intellectual Disability: 9
  - Other Neurodevelopmental Disorders: 4
  - Obsessive-Compulsive and Related Disorders: 3
Schizophrenia Spectrum and Other Psychotic Disorders: 28
Substance-Related and Addictive Disorders: 44
Trauma- and Stressor-Related Disorders:
  - Adjustment Disorder: 190
  - Posttraumatic Stress Disorder: 157
  - Other Trauma- and Stressor-Related Disorders: 49
Other Infrequent CAMHD Diagnoses: 37
General Medical Conditions or Codes No Longer Used: 47
Change in Primary Diagnoses: Fiscal Years 2017-2019

- Disruptive, Impulse-Control, & Conduct
- Depressive
- Attention-Deficit/Hyperactivity
- Adjustment
- Posttraumatic Stress
- Anxiety

% of Youth
Youth Served – Key Findings

• There may be a leveling off or slight decrease in number of youth served
• There was an improvement in data entry for youth race and national origin
• There were more youth with Depressive Disorders and less youth with Attention-Deficit and Hyperactivity Disorders. However, it has been common in the past for these diagnoses to alternate as the second most common diagnoses.
SERVICES RENDERED
CAMHD Procured Service Utilization by General Service Category: Fiscal Years 2015-2019

Fiscal Year

# of Youth Served

Intensive Home & Community
Out-of-Home
Outpatient
Supportive Services
CAMHD Intensive Home and Community and Outpatient Service Utilization
Fiscal Years 2015-2019

Youth (N)

Services by Fiscal Year

Intensive Home & Community Services

Fiscal Years 2015-2019

Intensive Home & Community Services

Outpatient Services

Intensive In-Home
Multisystemic Therapy
Functional Family Therapy
Adaptive Behavioral Intervention
Intensive Outpatient Hospitalization
Outpatient Therapy
Assessment


0 200 400 600 800 1,000 1,200

1,044 1,016 995 985 912

185 187 157 171 173

77 51 67 71 110

51 53 40 28

18 16 13 9 6

20 6 4 2 0

248 230 138 109 56

CAMHD Supportive Service Utilization: Fiscal Years 2015-2019

Youth (N)

Therapeutic Respite Home

Services by Fiscal Year

Ancillary Service
Newer Service Counts for FY2019

<table>
<thead>
<tr>
<th>Service</th>
<th>Number of Youth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intensive Independent Living Skills</td>
<td>17</td>
</tr>
<tr>
<td>Transitional Support Services</td>
<td>8</td>
</tr>
<tr>
<td>Residential Crisis Stabilization Program</td>
<td>6</td>
</tr>
</tbody>
</table>

Has been a service in the past but is now counted separately.
Services Rendered – Key Findings

- The majority of existing services have shown declines in number of youth served since 5 years ago.

- The only major levels of care showing increases in recent years were
  - Multisystemic Therapy (MST)
  - Functional Family Therapy (FFT)
  - Hospital-Based Residential (HBR)

- Began to see services provided by our “newer” services
  - Intensive Independent Living Skills (not so new, but we now have data)
  - Transitional Support Services
  - Residential Crisis Stabilization Program
YOUTH OUTCOMES
Average of Families' Earliest and Most Recent Ohio Scale Score: Youth Served in FY 2019

Significant improvements in both parent and youth problem scores!

OS Total Score Range: 0-100
*Clinical cutoff recommended by a study by the Ohio Scales author.
Average of Families' Earliest and Most Recent Ohio Scale Subscale Scores: Youth Served in FY 2019

Significant improvements in both parent and youth subscale scores!
Average of Family's Earliest and Most Recent Ohio Scale Score by FGC: Youth Served in FY 2019

OS Total Score Range: 0-100, Clinical cutoff = 20
Average of Family's Earliest and Most Recent CAFAS Score by FGC: Youth Served in FY 2019

Family Guidance Center

- Hawaii East: n=284
- Hawaii West: n=71
- Kauai: n=139
- Maui: n=92
- Oahu Central: n=268
- Oahu Honolulu: n=153
- Oahu Leeward: n=202
- Family Court Liaison Branch: n=82

Earliest CAFAS: [83.5, 93.8, 92.7, 94.3, 91.8, 96.5, 98.0]
Most Recent CAFAS: [68.1, 77.0, 75.8, 77.4, 74.0, 81.1, 79.8]

CAFAS Score

116.5
Average of Earliest and Most Recent CAFAS Subscore: Youth Served in FY 2019 (n=1221)

- **Home Role Performance**: Earliest Score = 20.6, Most Recent Score = 16.7
- **Work Role Performance**: Earliest Score = 19.5, Most Recent Score = 15.7
- **Behavior Towards Others**: Earliest Score = 17.5, Most Recent Score = 14.5
- **Moods/Emotions**: Earliest Score = 17.3, Most Recent Score = 14.8
- **Community Role Performance**: Earliest Score = 5.8, Most Recent Score = 5.7
- **Self-Harmful Behavior**: Earliest Score = 5.0, Most Recent Score = 2.3
- **Substance Use**: Earliest Score = 3.9, Most Recent Score = 3.8
- **Thinking**: Earliest Score = 2.8, Most Recent Score = 2.0

Legend:
- Black square: Earliest Score
- Green circle: Most Recent Score
<table>
<thead>
<tr>
<th>Reasons for Youth Discharge from Services (Only Discharges From 7/1/2018 to 3/31/2019)</th>
<th># of Discharges</th>
<th>% of Total Discharges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eligibility Change</td>
<td>14</td>
<td>2.4%</td>
</tr>
<tr>
<td>Family Relocation</td>
<td>5</td>
<td>0.9%</td>
</tr>
<tr>
<td>Insufficient Progress</td>
<td>25</td>
<td>4.3%</td>
</tr>
<tr>
<td>Refuse/Withdraw</td>
<td>51</td>
<td>8.8%</td>
</tr>
<tr>
<td>Runaway/Elopement</td>
<td>34</td>
<td>5.8%</td>
</tr>
<tr>
<td><strong>Success/Goals Met</strong></td>
<td><strong>330</strong></td>
<td><strong>56.7%</strong></td>
</tr>
<tr>
<td>Other</td>
<td>123</td>
<td>21.1%</td>
</tr>
</tbody>
</table>

*Note: As youth may receive multiple services, they can be represented more than once in these counts. Also, % of Total Discharges add to more than 100% because multiple reasons may be selected.*
Outcomes – Key Findings

• On average, youth and families report statistically and clinically significant improvements between their first and most recent Ohio Scales administrations.

• On average, parents tend to report more problems on the Ohio Scales than youth, particularly in externalizing problems.

• On average, CAMHD staff report statistically significant improvements for youth and families between the first and most recent CAFAS administrations (for total and subscales).

• Providers report 56.7% of youth were discharged successfully.
Mahalo!

• For more information, please contact:

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