

ANNUAL EVALUATION SUMMARY: FISCAL YEAR 2018

Child & Adolescent Mental Health Division

Research & Evaluation Team

Program Improvement & Communications Office

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Child &
Adolescent
Mental
Health
Division



Overview

Review of major trends and findings in the following areas:

General Review

- Youth Served
- Services Rendered
- Outcomes

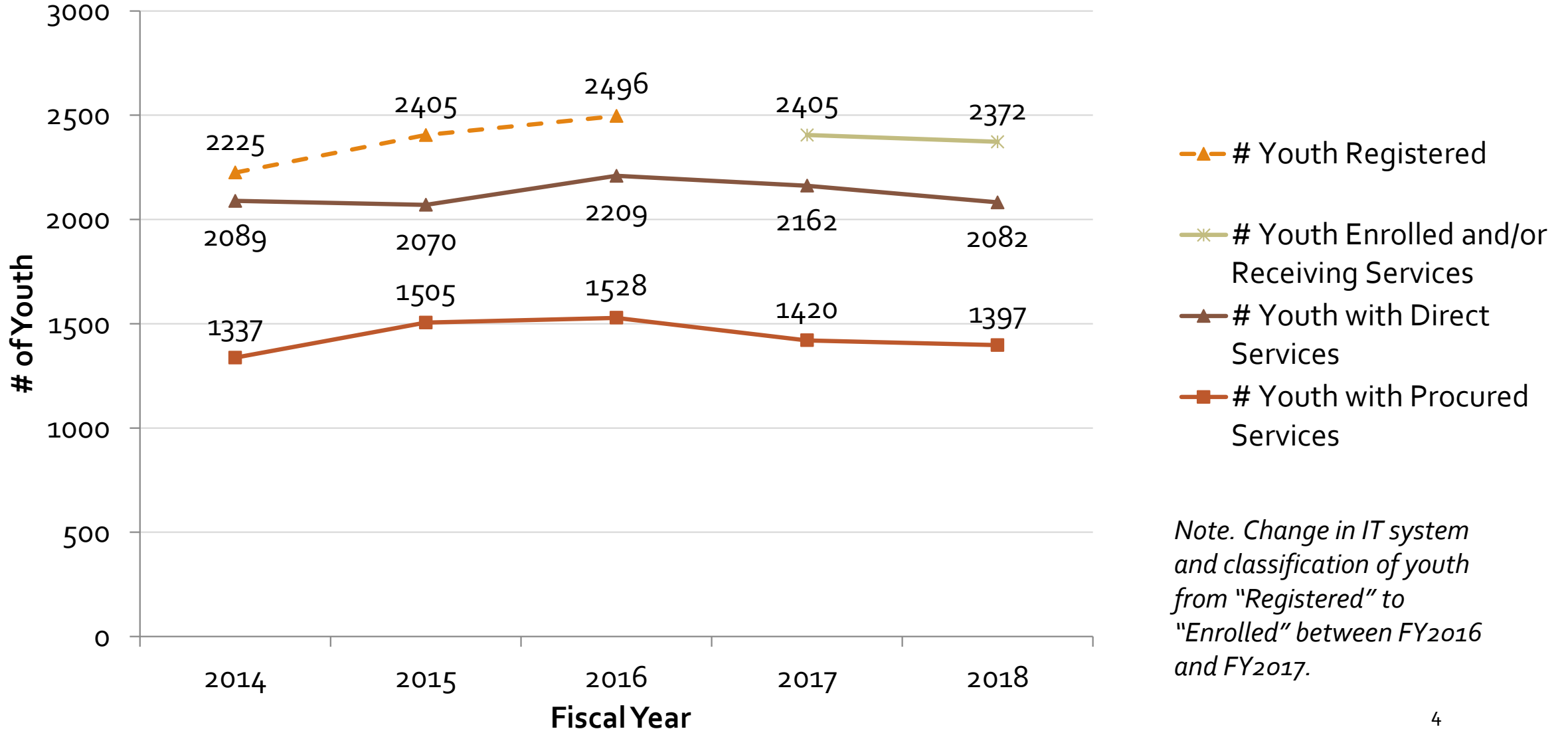
Special Analyses

- Timeliness of Eligibility Determination

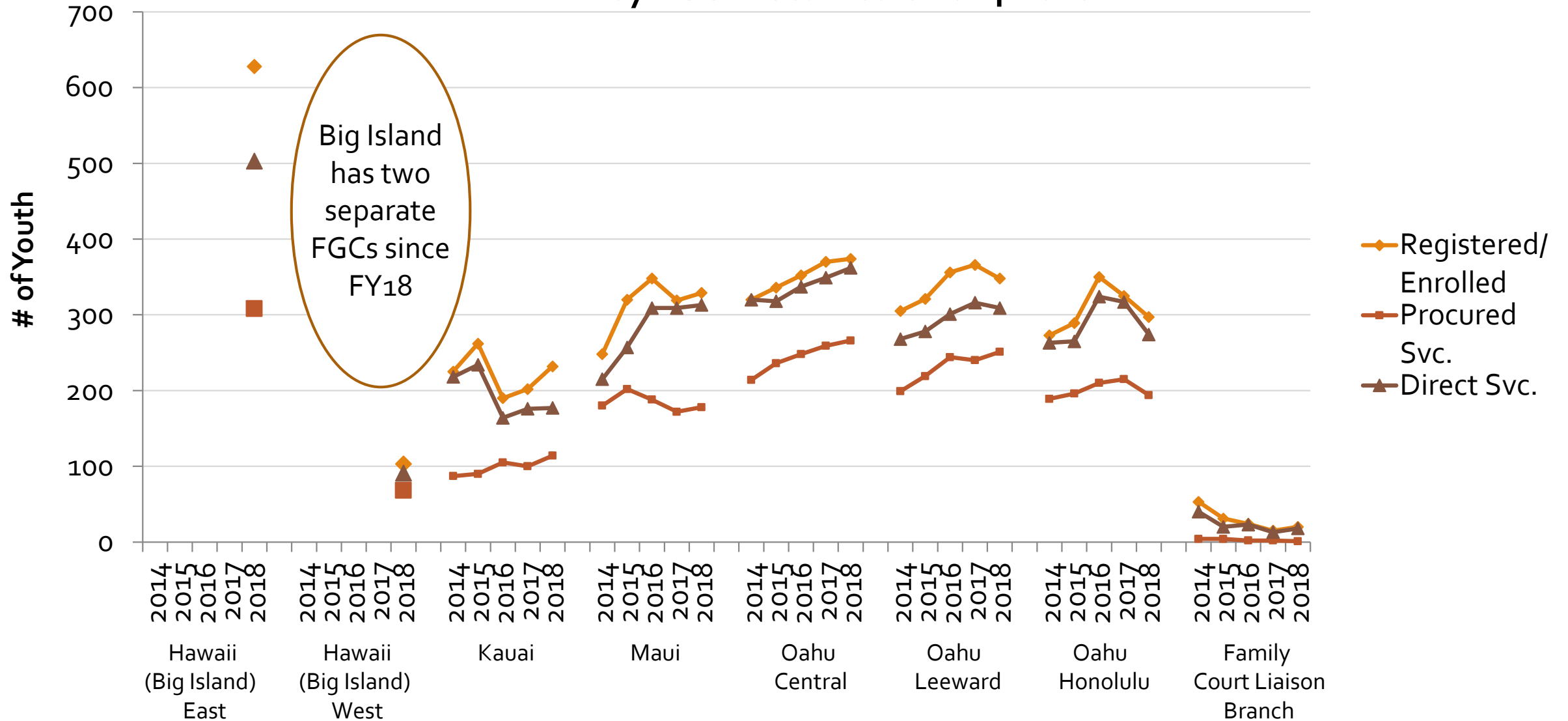
Summary

YOUTH SERVED

CAMHD Youth Registered/Enrolled, With Procured, & With Direct Services Fiscal Years 2014-2018

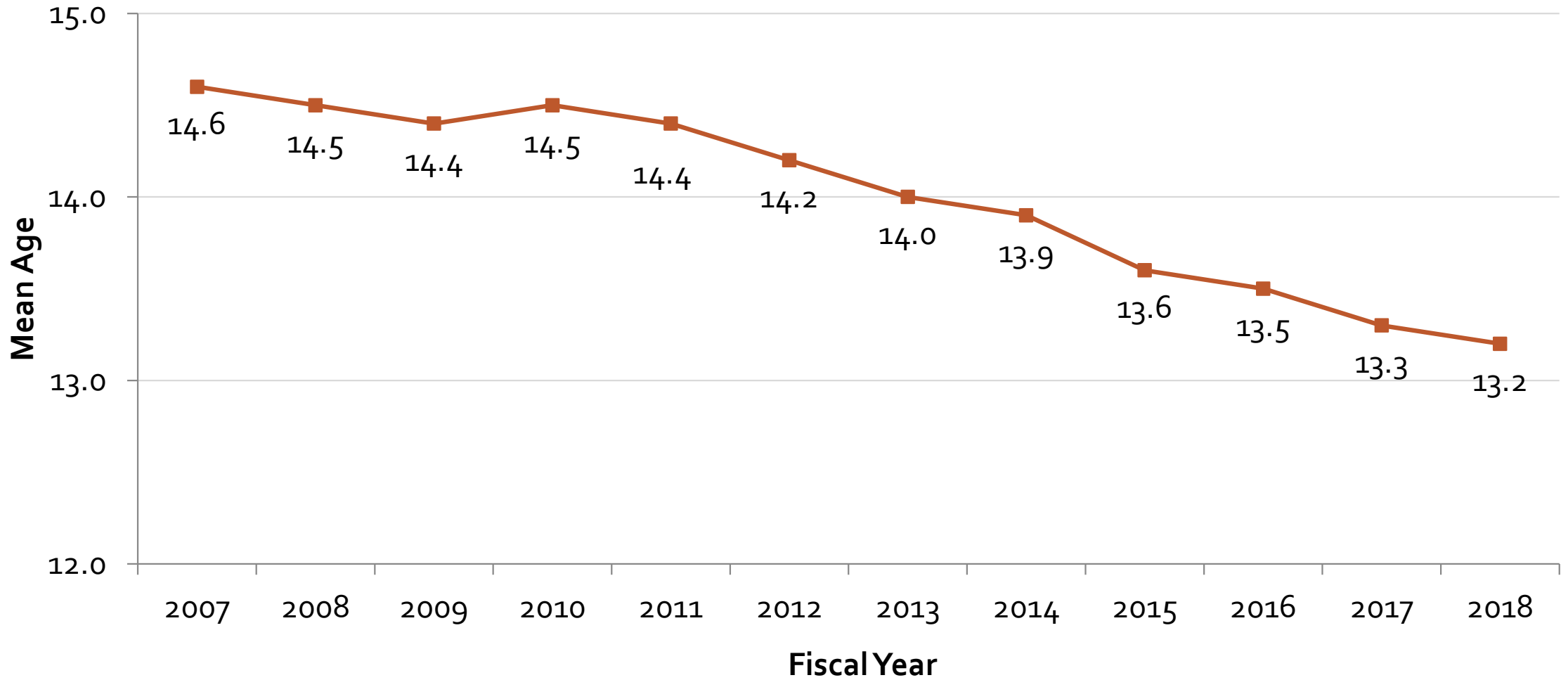


CAMHD Youth Registered/Enrolled, With Procured, & With Direct Services by FGC: Fiscal Years 2014-2018



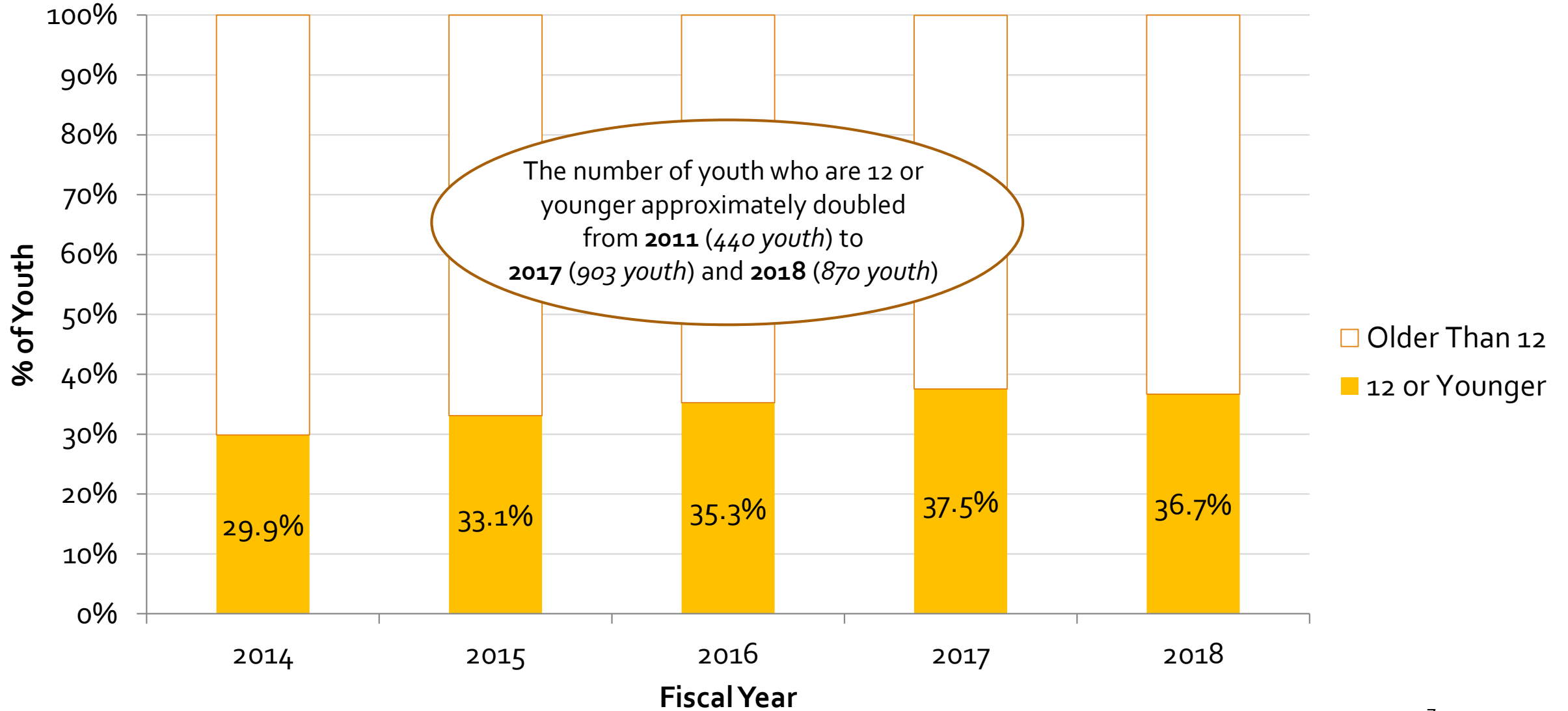
Fiscal Year by Family Guidance Center

CAMHD Registered/Enrolled Youth Average Age Fiscal Years 2007-2018

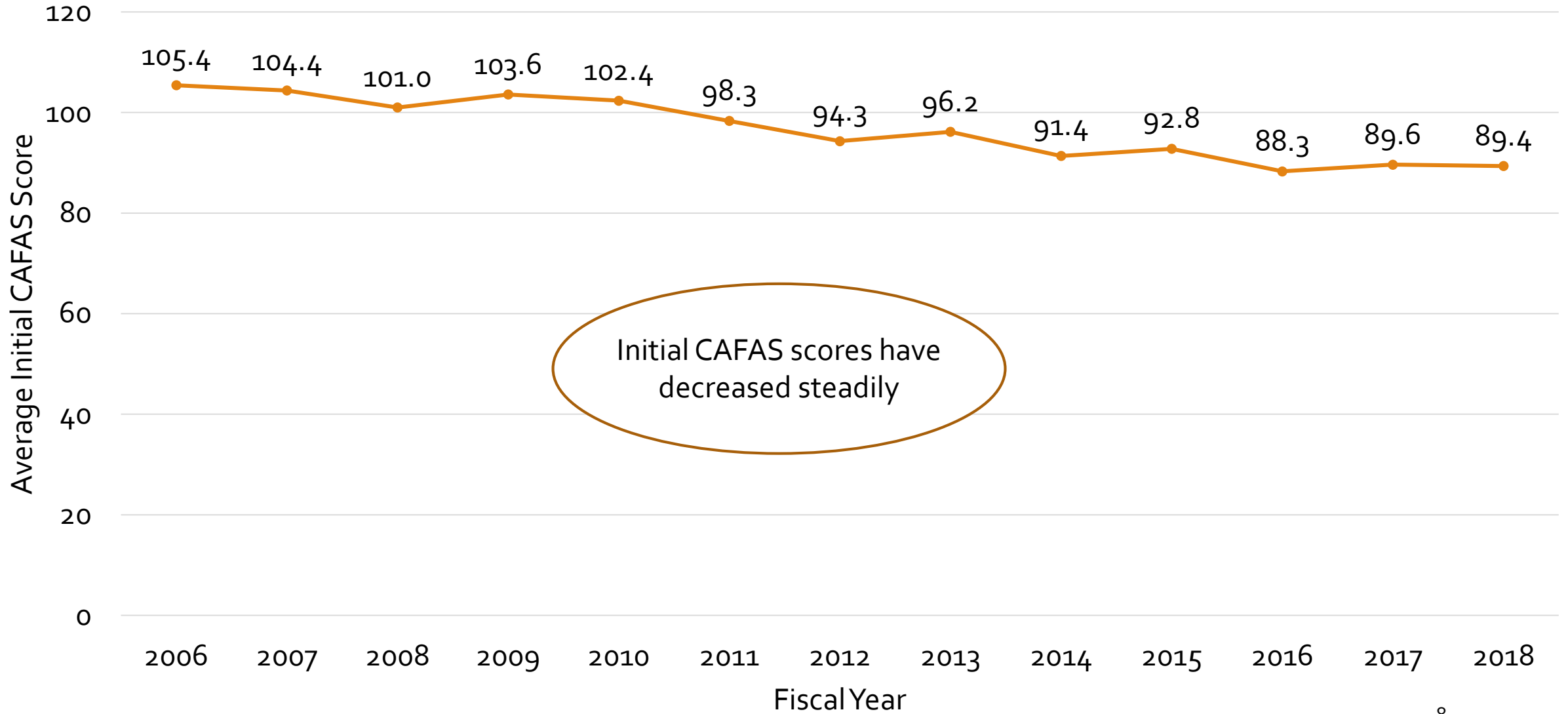


Note. Data excludes Kauai from 2007-2011 because of Mokihana program.

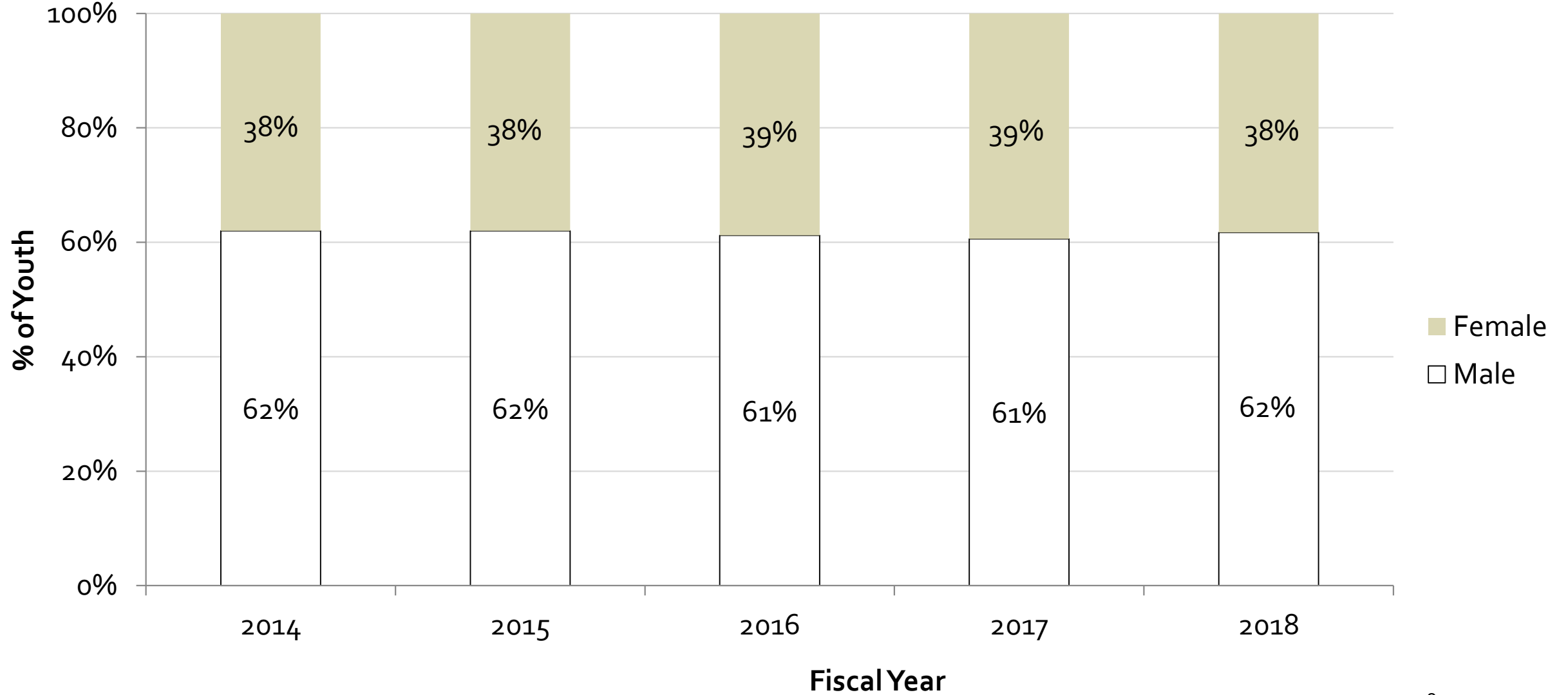
Trend in % of Registered/Enrolled Youth 12 or Younger Fiscal Years 2014-2018



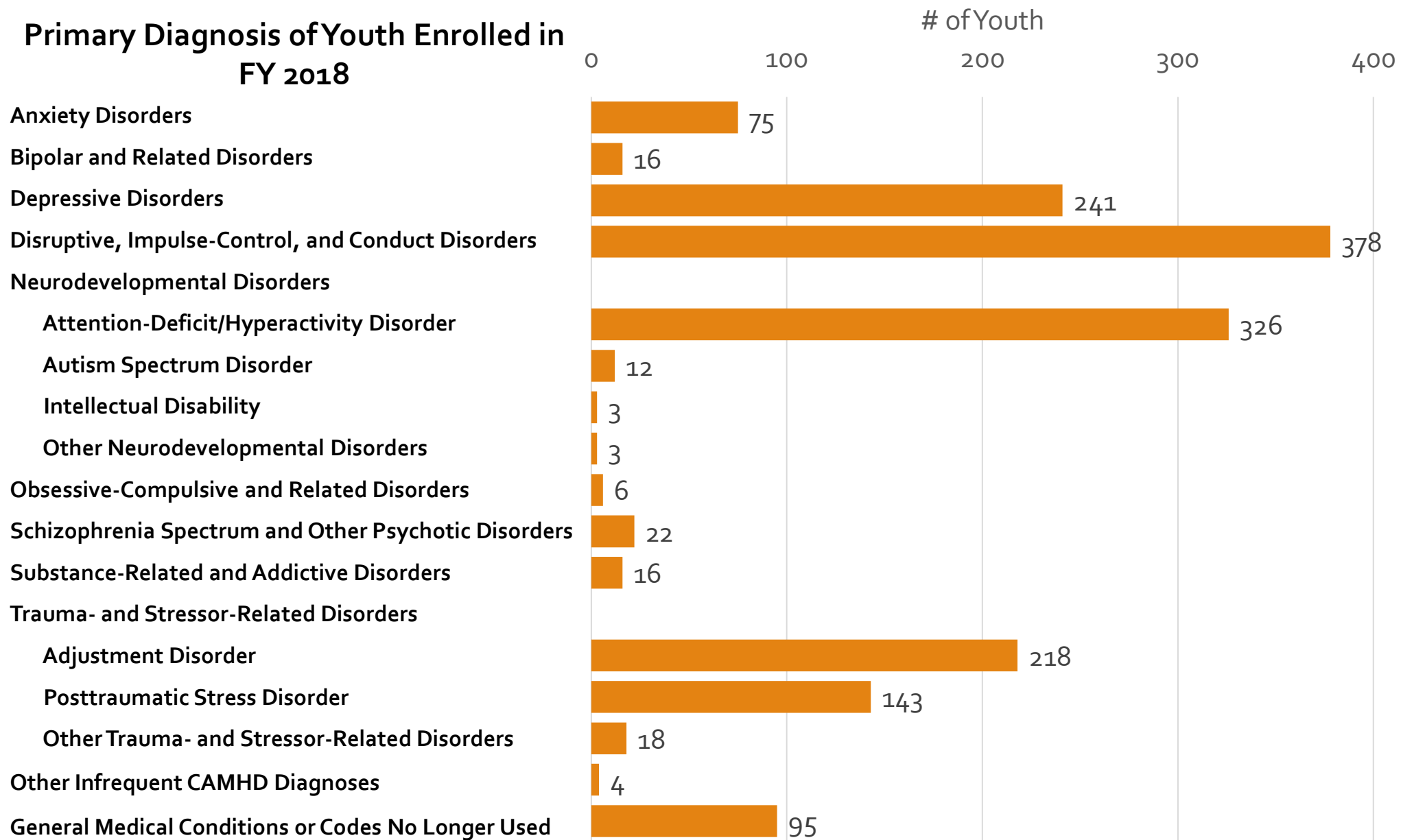
Average Initial Child and Adolescent Functional Assessment Scores (CAFAS) Scores Over Time: Fiscal Years 2006-2018



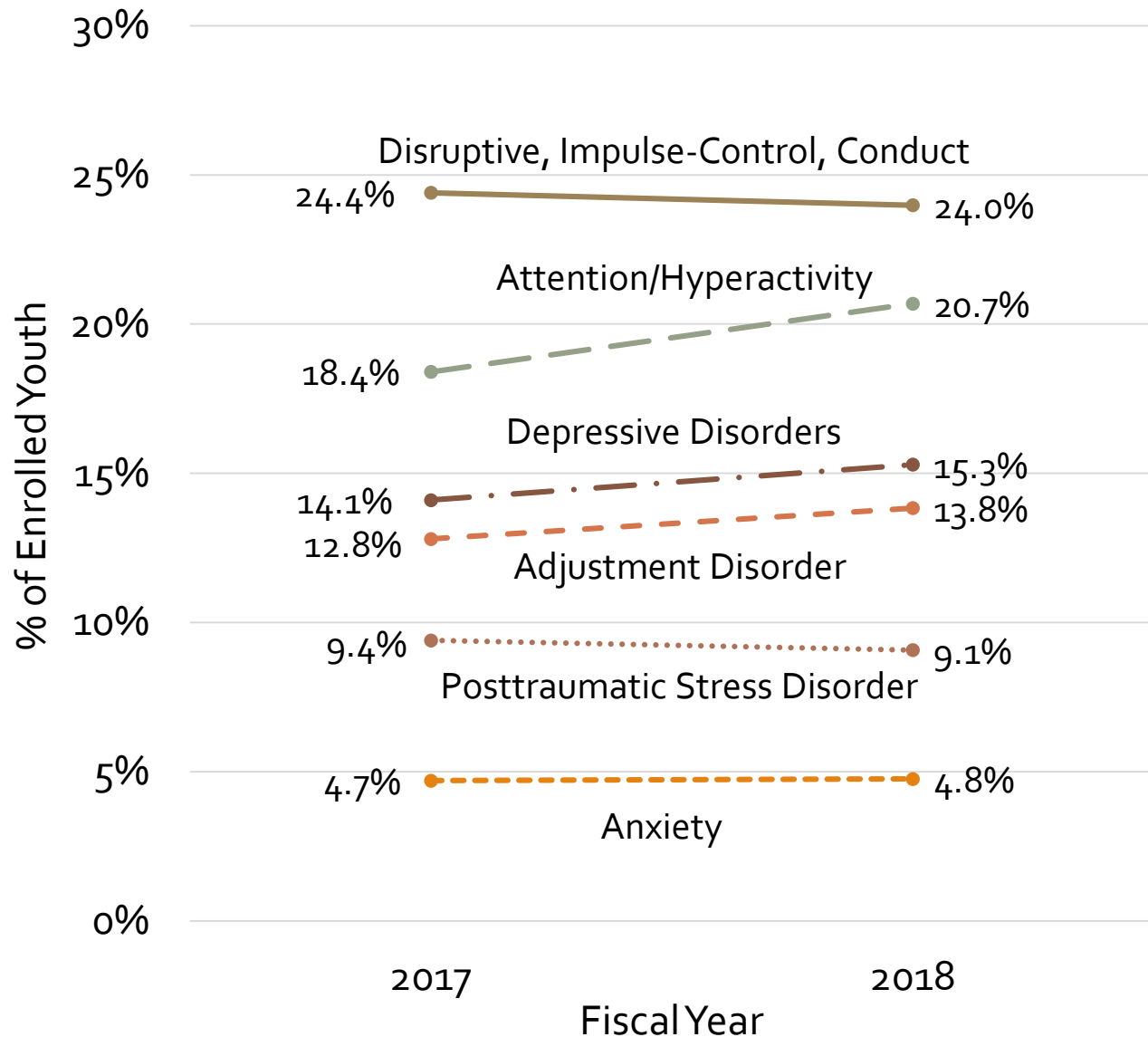
CAMHD Registered/Enrolled Youth Gender Fiscal Year 2014-2018



Primary Diagnosis of Youth Enrolled in FY 2018



Change in Primary Diagnoses: Fiscal Years 2017-2018



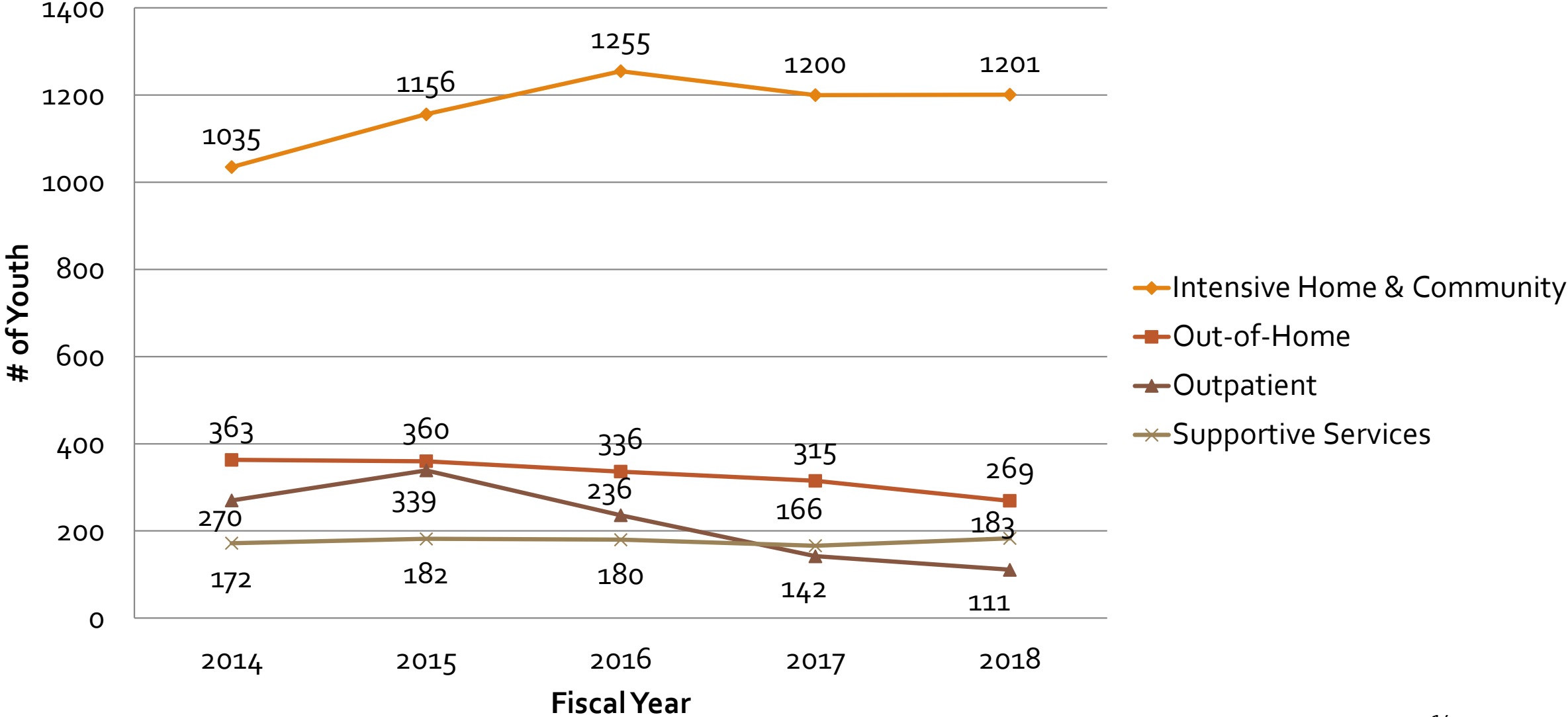
- Disruptive, Impulse-Control, and Conduct has been consistent since FY15, but was at 34% before FY11.
- Attention/Hyperactivity showing slight increase compared to previous years.
- Depressive Disorders had previously been in 18-20% range.
- Adjustment continuing to increase from 6% in FY11.

Youth Served-Key Findings

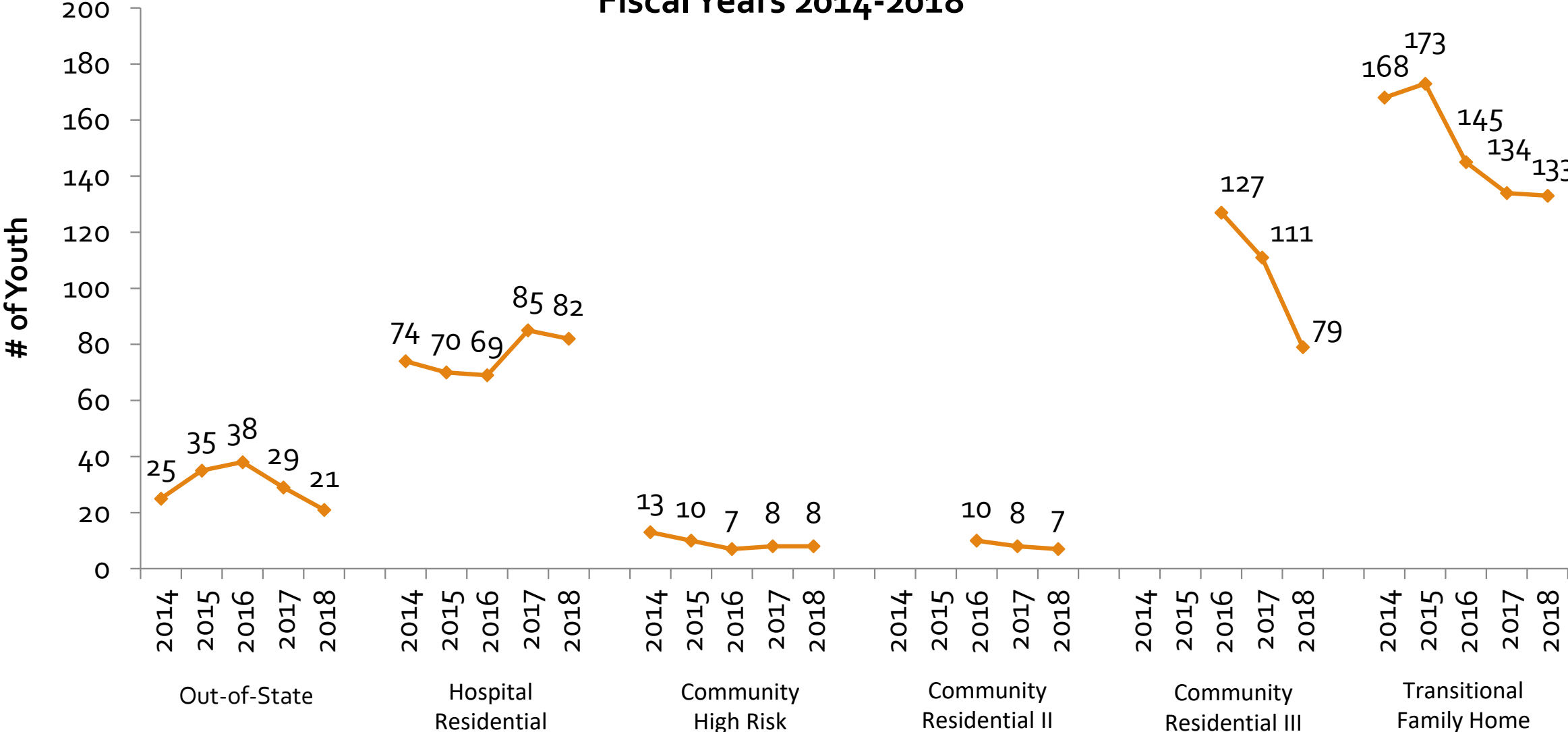
- The number of youth enrolled in CAMHD has decreased since FY 2016
- Client population continues to have a younger average age and less dysfunction (as measured by the CAFAS)
- Client population showing notable increases in adjustment disorder and ADHD diagnoses
- Average initial functional impairment score has decreased over time

SERVICES RENDERED

CAMHD Service Utilization by General Service Category Fiscal Years 2014-2018

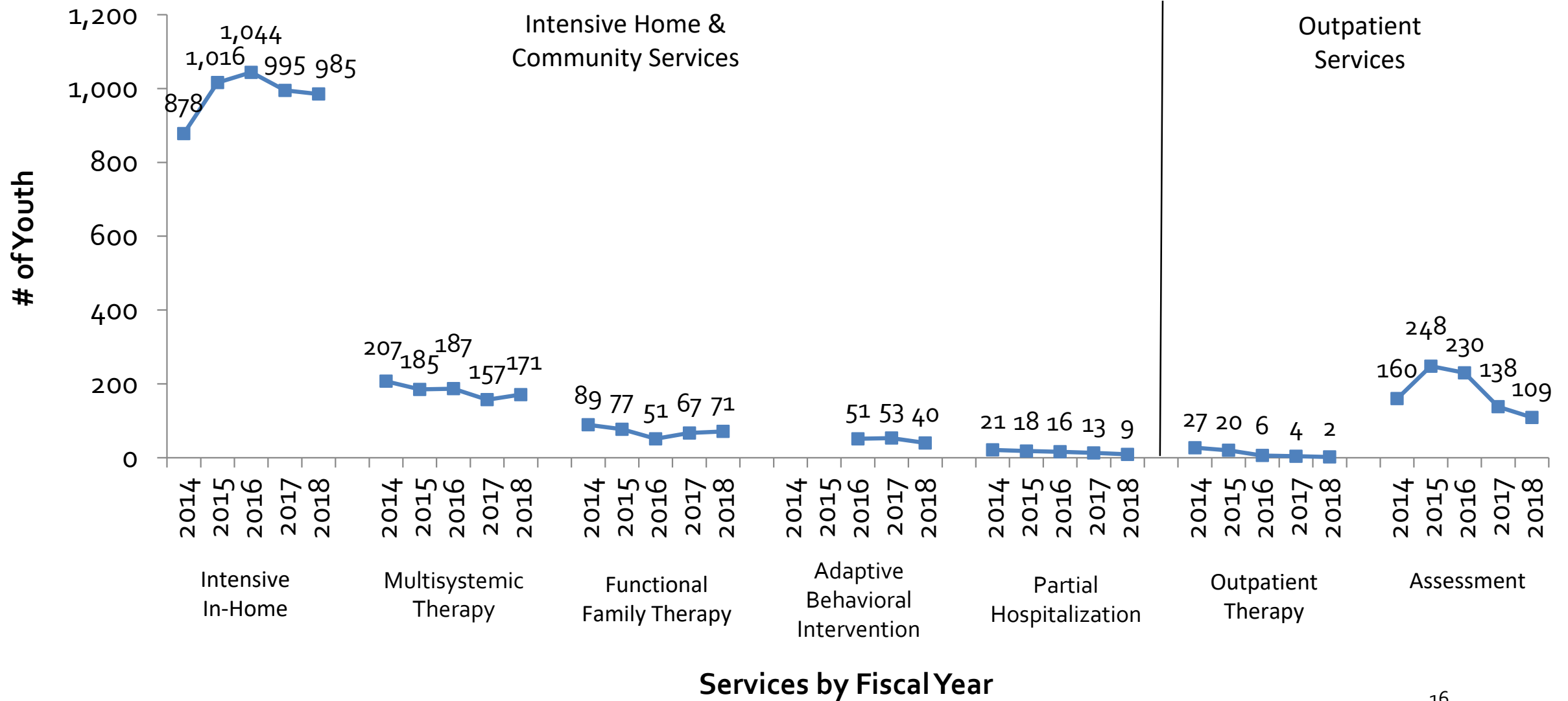


CAMHD Out-of-Home Service Utilization Fiscal Years 2014-2018

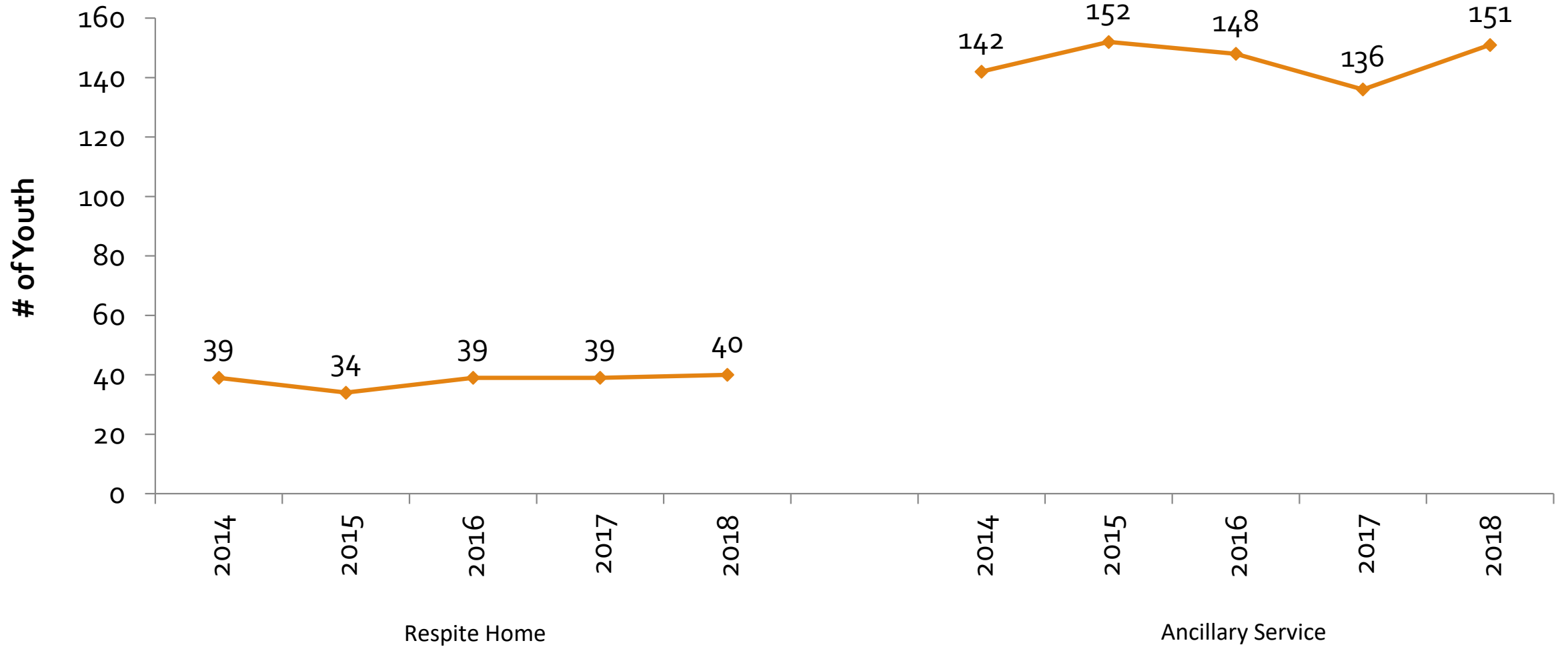


Services by Fiscal Year

CAMHD Intensive Home and Community and Outpatient Service Utilization Fiscal Years 2014-2018

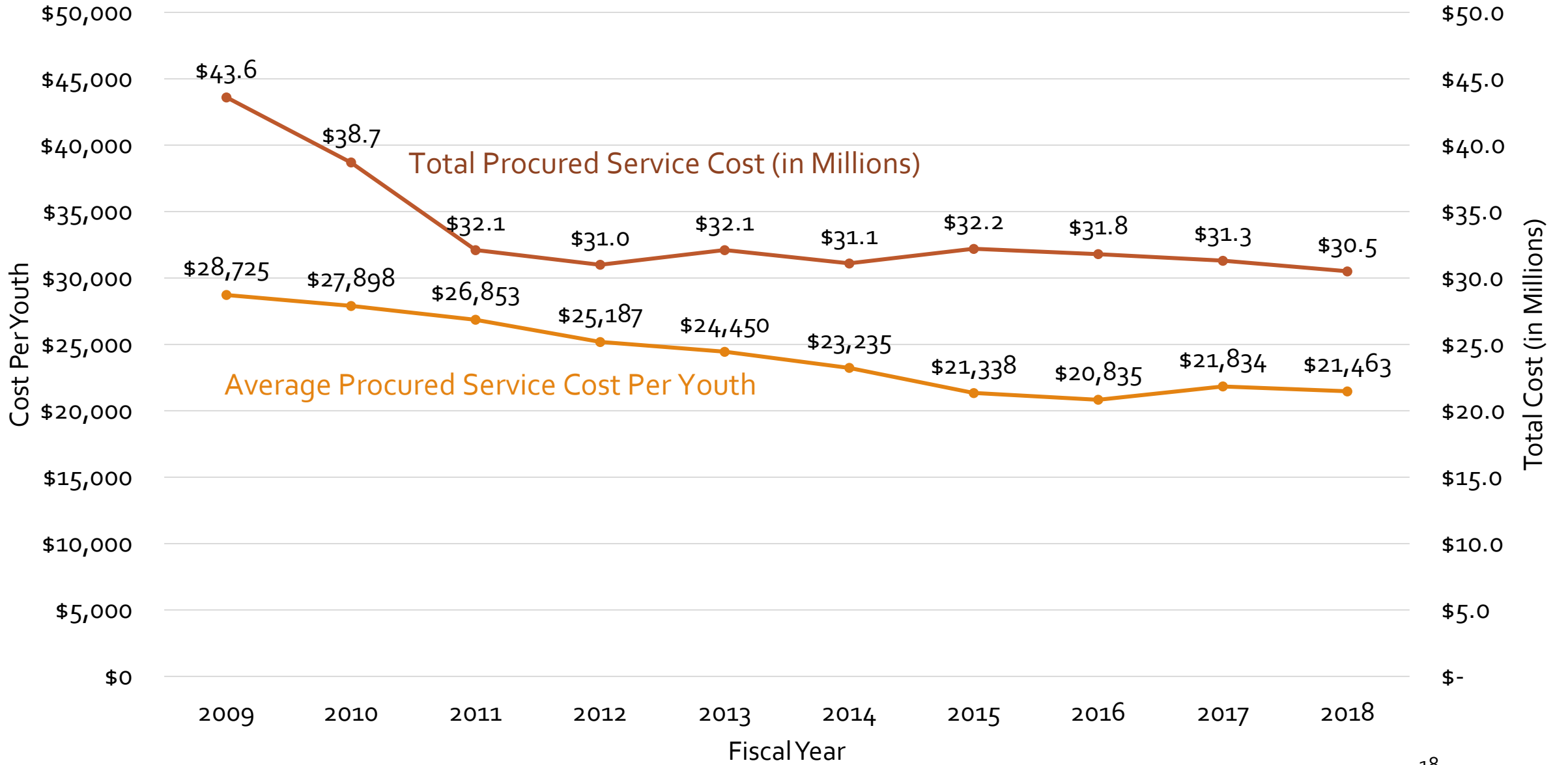


CAMHD Supportive Service Utilization Fiscal Years 2014-2018



Services by Fiscal Year

Past 10 Year Trend in Cost of Procured Services: FY 2009 - FY2018

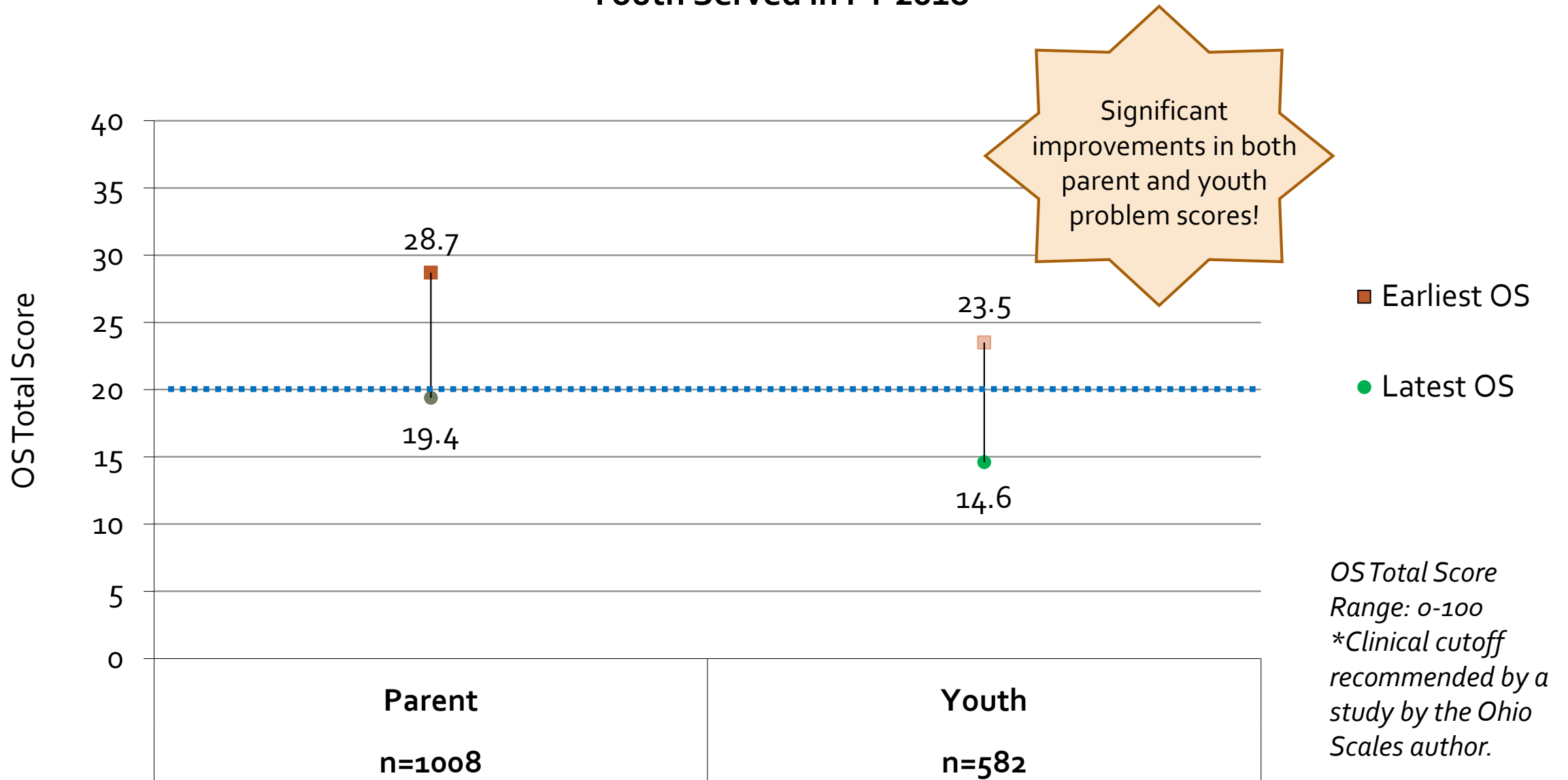


Services Rendered – Key Findings

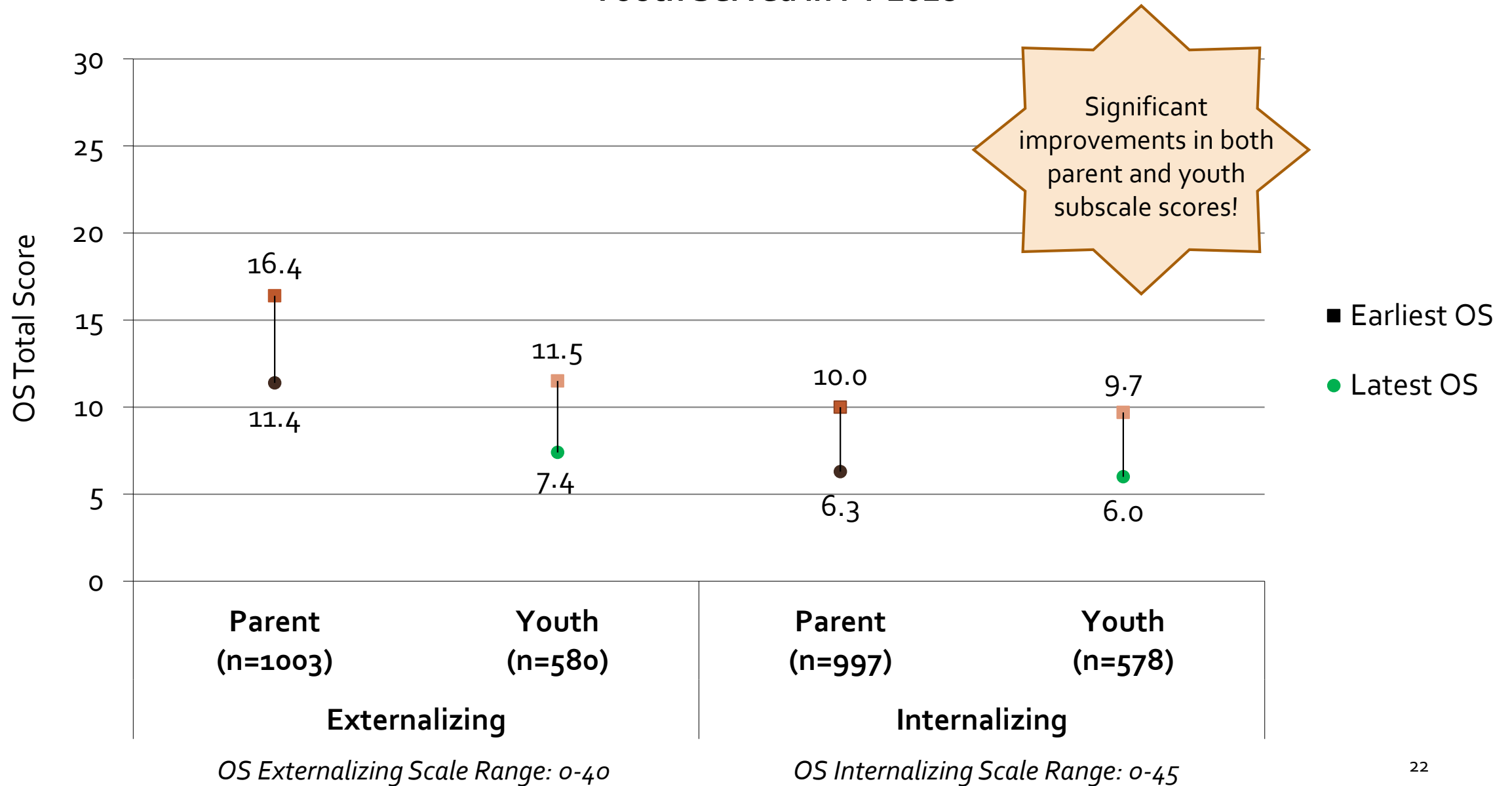
- The majority of levels of care have shown slight declines in number of youth served since the prior year and since 5 years ago.
- The only major levels of care showing increases since the prior year were Multisystemic Therapy (MST) and Functional Family Therapy (FFT). This might suggest increased utilization of evidence-based packages.
- CAMHD has demonstrated decreased average procured service cost per youth in the last decade. This might be due to increased efficiencies over the course of treatment.

OUTCOMES

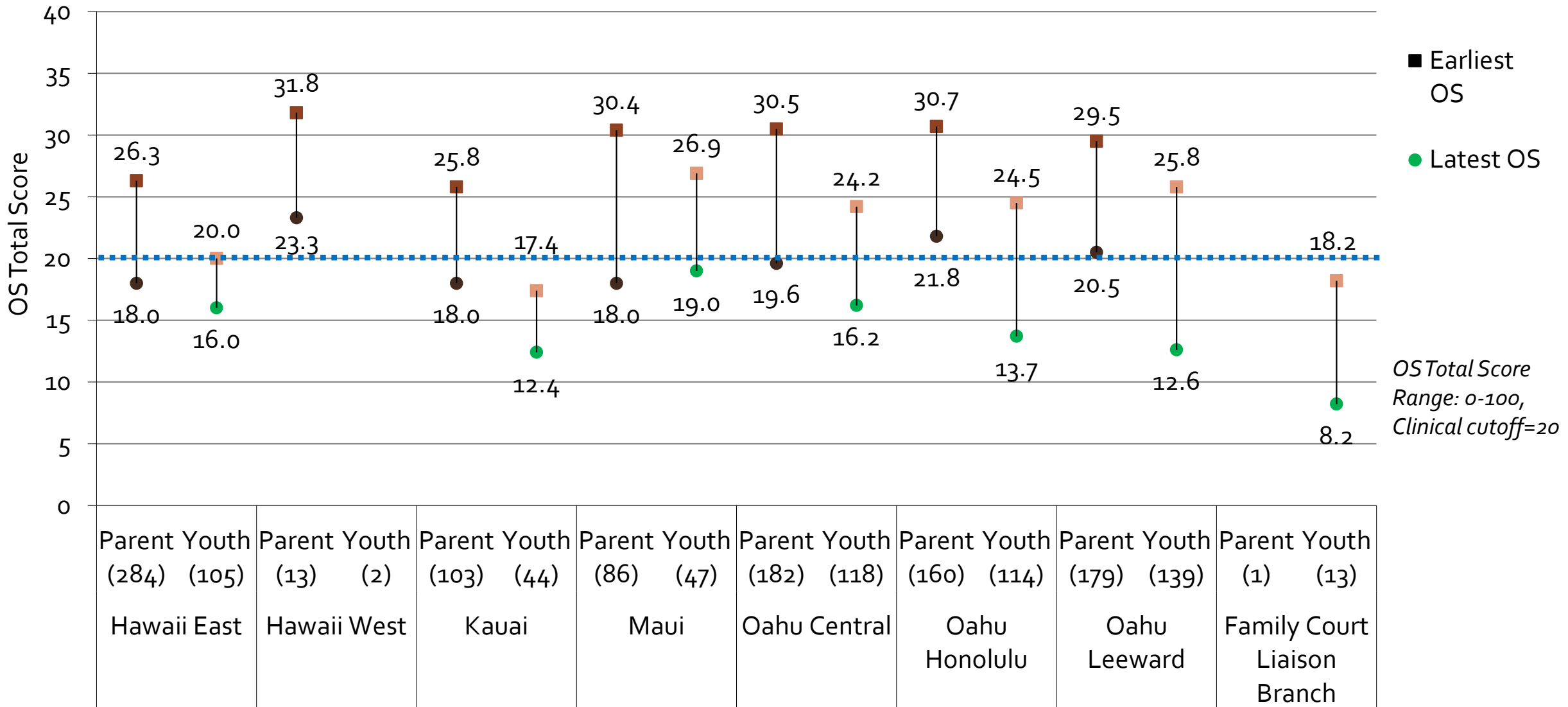
Average of Families' Earliest and Most Recent Ohio Scale Problem Score Youth Served in FY 2018



Average of Families' Earliest and Most Recent Ohio Scale Subscale Scores by FGC Youth Served in FY 2018

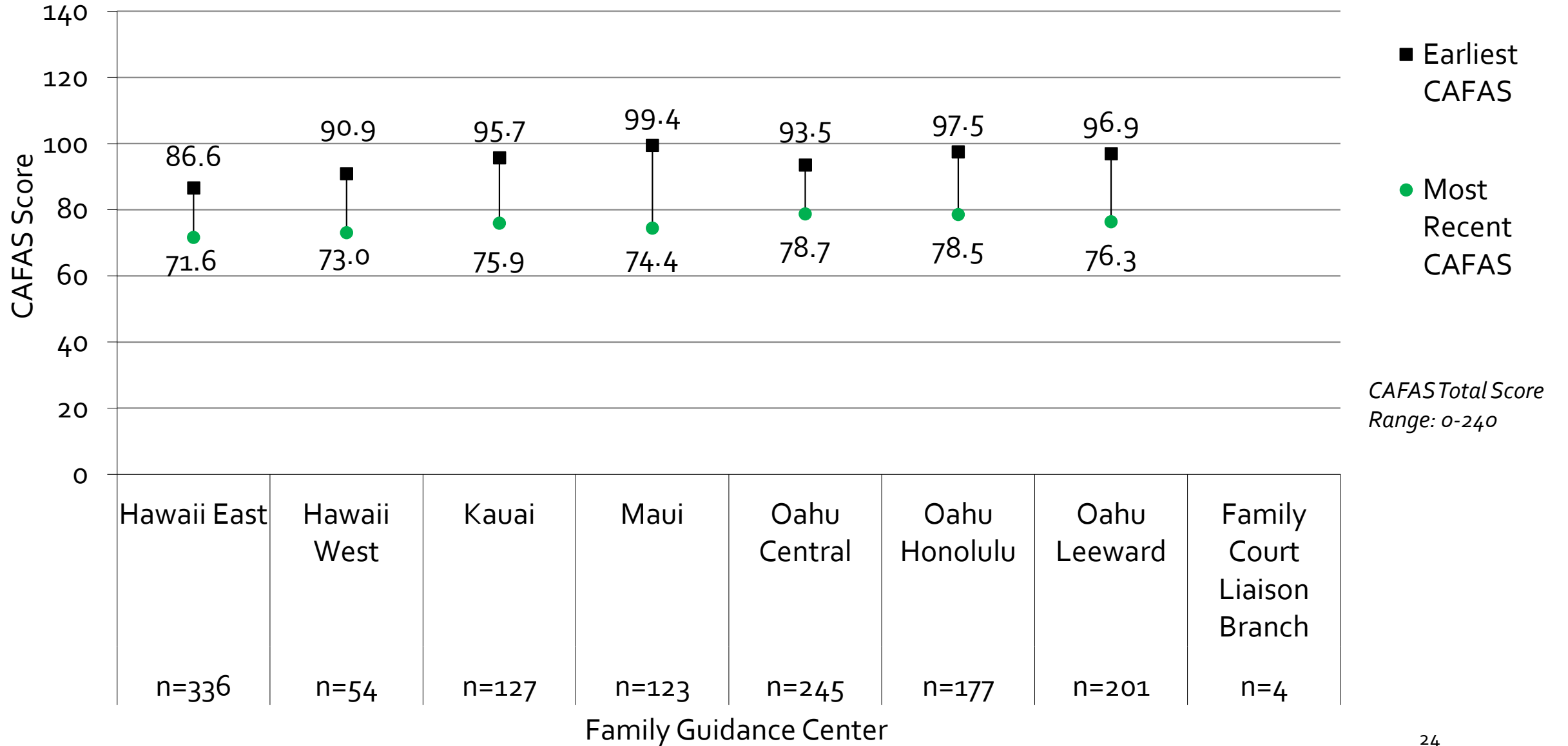


Average of Youth's Earliest and Most Recent Ohio Scale Score by FGC Youth Served in FY 2018

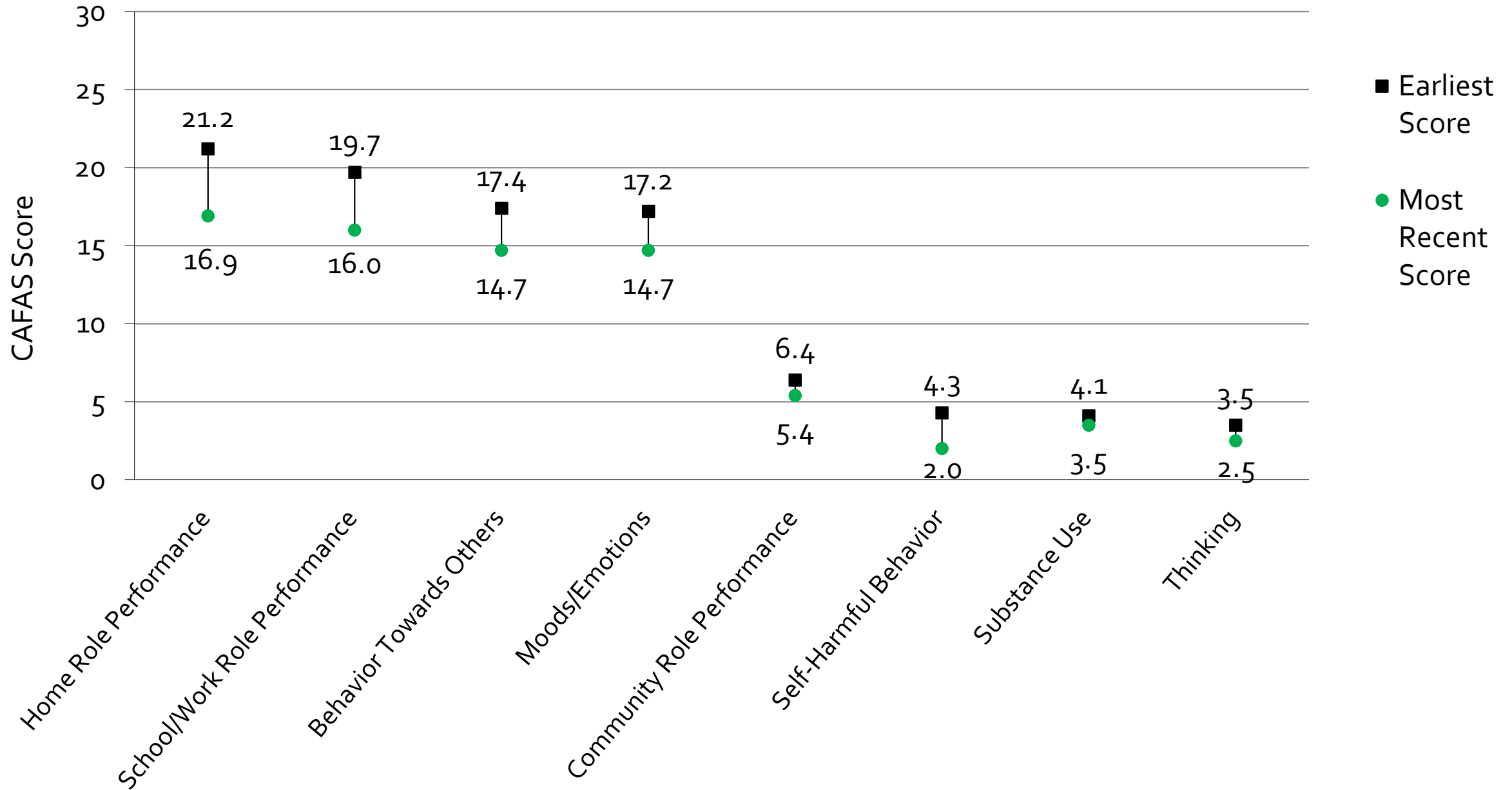


Family Guidance Center

Average of Youth's Earliest and Most Recent CAFAS Total Score by FGC Youth Served in FY 2018



Average of Earliest and Most Recent CAFAS Subscore: Youth Enrolled in FY 2018 (n=1271)



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, youth tend to report fewer problems on the Ohio Scales than parents.
- On average, CAMHD staff report statistically significant improvements for youth and families between the first and most recent CAFAS administrations (for total and subscales).

TIMELINESS OF ELIGIBILITY DETERMINATION

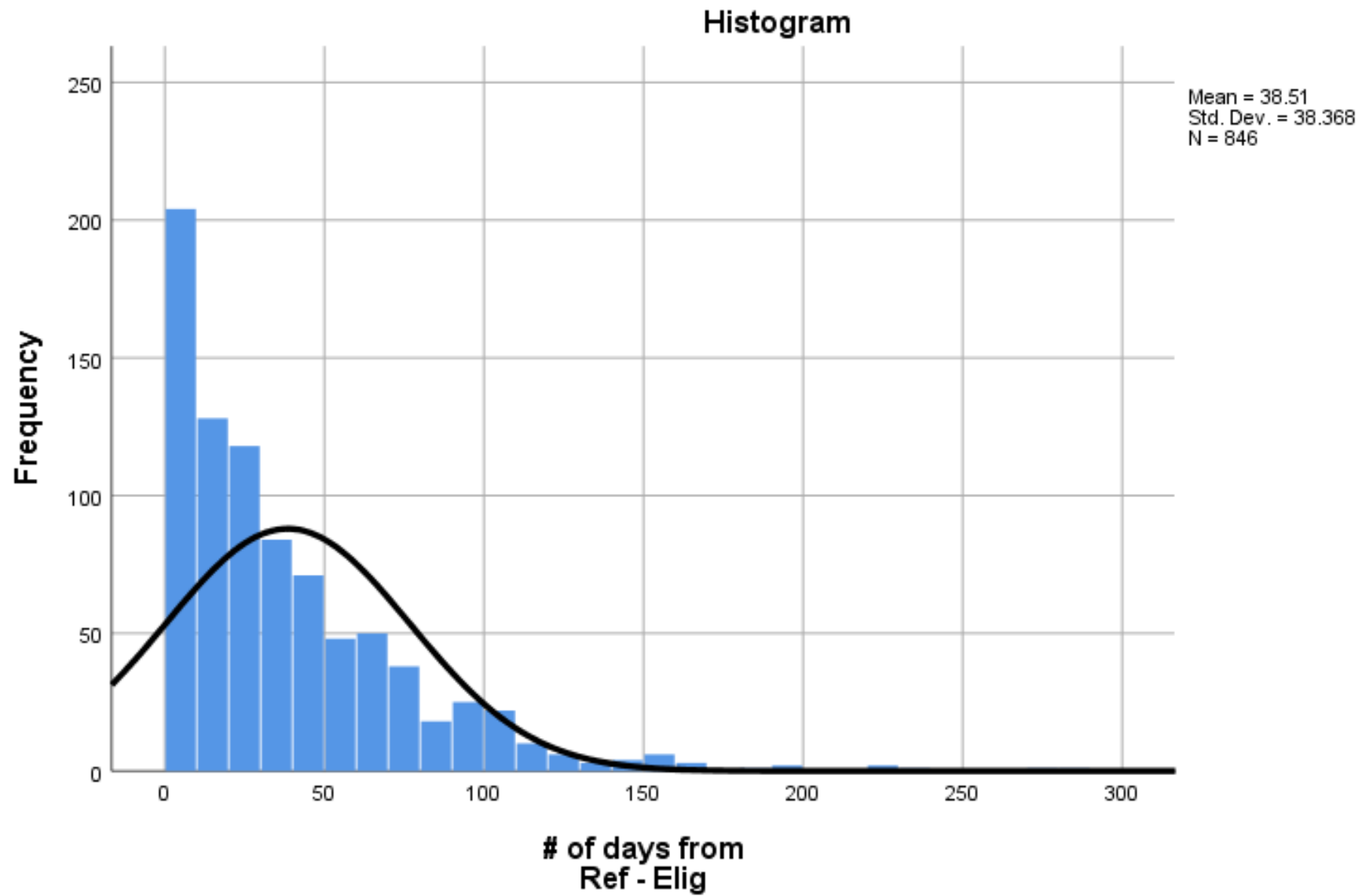
Why examine timeliness of eligibility determinations?

- Lengthy waiting time = access barrier
- Families who wait for a longer time
 - Are more likely to refuse services
 - Report lower general satisfaction with the services they received
- Time spent waiting might increase the opportunity for worsening symptoms
- Consumer and Provider Satisfaction Survey FY 2018 concerns on timeliness

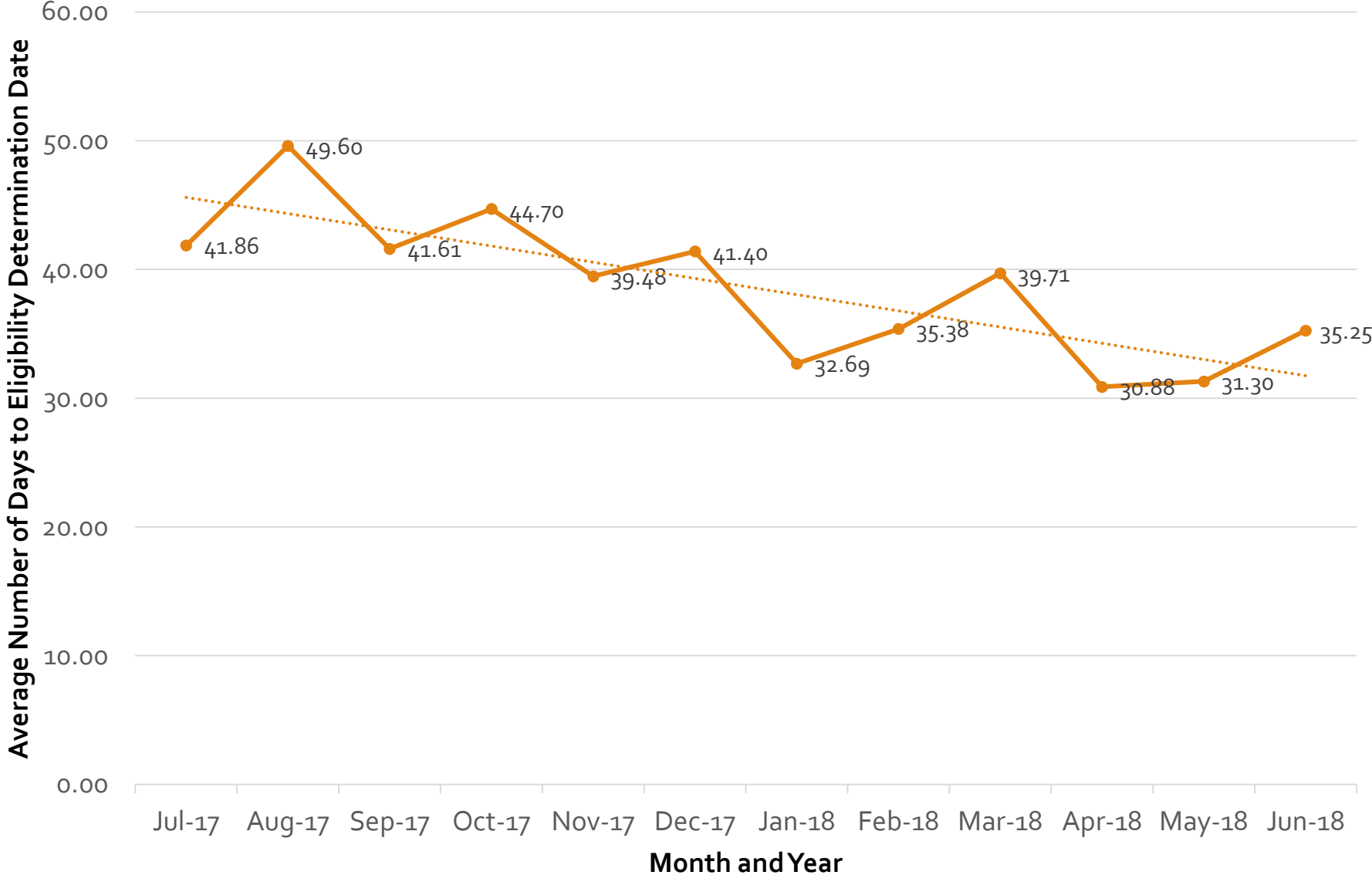
What is the average number of days between the date the Family Application was received and the date of Eligibility Determination?

What is the IDEAL average number of days?

- Research literature does not have a clear benchmark
 - Shorter is better
 - The threshold for when families no longer are interested in services is:
 - More than 6 months (Foreman & Hanna, 2000)
 - Between seven and eight weeks (Subotski and Berelowitz 1990).
- Teal Book
 - Contracted providers are asked to complete Initial Mental Health Evaluations within 21 days from the date of referral



Average Number of Days from Family Application Receipt Date and Eligibility Determination Date FY 2018



Timeliness of Eligibility Determination - Findings

- Statewide average = 38.51 days*
 - *Caveat: Varying definitions in dates across centers
- On average, decreasing amount of time between “date family application packet received” and “eligibility determination date”
- What should our benchmark be?

Summary

- While the total number of youth enrolled has been decreasing, CAMHD is seeing youth who are younger and with less dysfunction, and seeing more youth with attention/hyperactivity and adjustment disorders.
- Most levels of care continue to serve less youth, although MST and FFT are increasing
- Youth showing statistically and clinically significant improvements
- On average, CAMHD has demonstrated decreasing amount of time between “date family application packet received” and “eligibility determination date.” That said, we can do better!

WHAT ACTION(S) CAN WE TAKE?

(Discussion)

Mahalo!

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The screenshot shows the 'Help Your Keiki' website interface. At the top, there are navigation links: HOME, ABOUT, CONTACT, and RESOURCES. A Facebook logo is in the top right corner. The main header features the text 'Help Your Keiki' in a large, yellow, stylized font, accompanied by a silhouette of an adult and a child. Below the header is a video player showing a document titled 'ADDRESSING Mental Health CONCERNS IN PRIMARY CARE A CLINICIAN'S TOOLKIT'. The document is part of the 'EVIDENCE-BASED CHILD AND ADOLESCENT MENTAL HEALTH (PWESB) Database, available at www.practicewise.com. If this is not the most current version, please check the website.' The document contains a table with the following content:

Problem Area	Level 1- BEST SUPPORT	Level 2- GOOD SUPPORT
Anxious or Avoidant Behaviors	Cognitive Behavior Therapy (CBT), CBT and Medication, CBT with Parents, Education, Exposure, Modeling	Assertiveness Training, CBT for Children and Family Psychoeducation, Hypnosis, Relaxation Inoculation
Attention and Hyperactivity Behaviors	Behavior Therapy and Medication, Self-Verbalization	Richesedback, Contingency Management, Parent Management Training (PMT), Solving, or with Teacher Psychoeducation, Exercise (with or without Pedometer), Working Memory

Below the video player is a social media post from 'Help Your Keiki Hawaii' with 92 likes. The post includes a 'Liked' button and a 'Share' button. At the bottom, it says 'You and 9 other friends like this' and shows a row of profile pictures.

Additional Resources

- Child and Adolescent Mental Health Division Home Page
 - <http://health.hawaii.gov/camhd/>
 - <http://health.hawaii.gov/camhd/resource-library/research-and-evaluation/> (For past annual evaluation reports and additional research studies)
- Help Your Keiki Resource for Families
 - <http://helpyourkeiki.com/>
- Keiki Mental Health Matters Campaign
 - <https://www.keikimentalhealthmatters.org/>
- Child and Adolescent Mental Health Division Social Media Accounts
 - www.facebook.com/camhdhawaii
 - www.instagram.com/camhdhawaii/