



CONTRA COSTA COUNTY

ASSISTED OUTPATIENT TREATMENT PROGRAM

2018-2019 FISCAL YEAR – ANNUAL DHCS REPORT

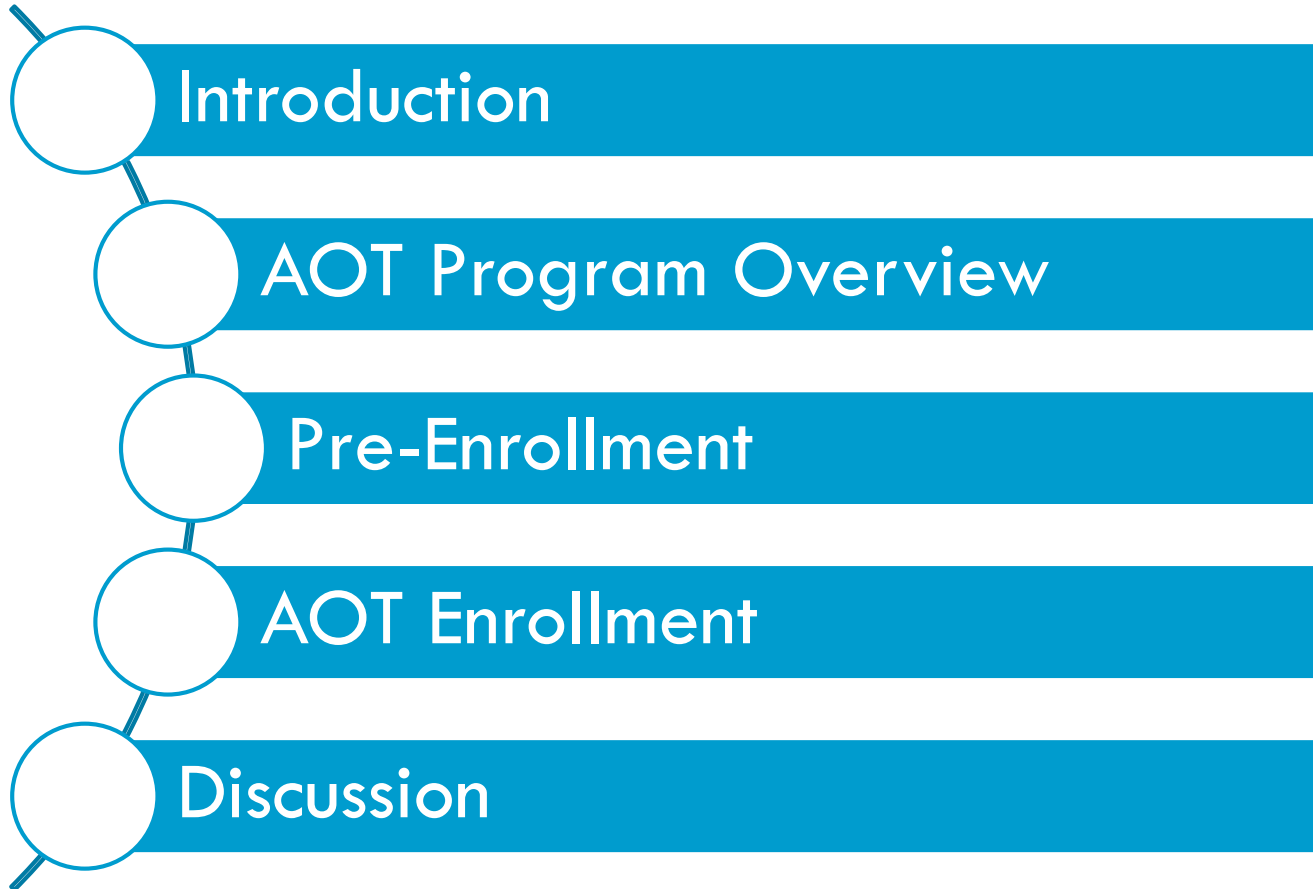
July 2020

Resource Development Associates



Agenda

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Overview

DHCS Reporting Requirements

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- ✓ The number of persons served by the program
- ✓ The extent to which enforcement mechanisms are used by the program
- ✓ The number of persons in the program who maintain contact with the treatment system
- ✓ Adherence/engagement to prescribed treatment by persons in the program
- ✓ Type, intensity, and frequency of treatment of persons in the program
- ✓ Substance abuse by persons in the program
- ✓ The number of persons in the program with contacts with local law enforcement, and the extent to which local and state incarceration of persons in the program has been reduced or avoided
- ✓ The days of hospitalization of persons in the program that have been reduced or avoided
- ✓ The number of persons in the program able to maintain housing
- ✓ The number of persons in the program participating in employment services programs, including competitive employment
- ✓ Social functioning of persons in the program
- ✓ Skills in independent living of persons in the program
- ✓ Victimization of persons in the program
- ✓ Violent behavior of persons in the program
- ✓ Satisfaction with program services both by those receiving them and by their families, when relevant

Data Sources and Considerations

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Data Sources

- CCBHS
 - ▣ Referral and investigation data
 - ▣ Service utilization data for all specialty mental health services provided or paid for by CCBHS
 - ▣ Jail booking data

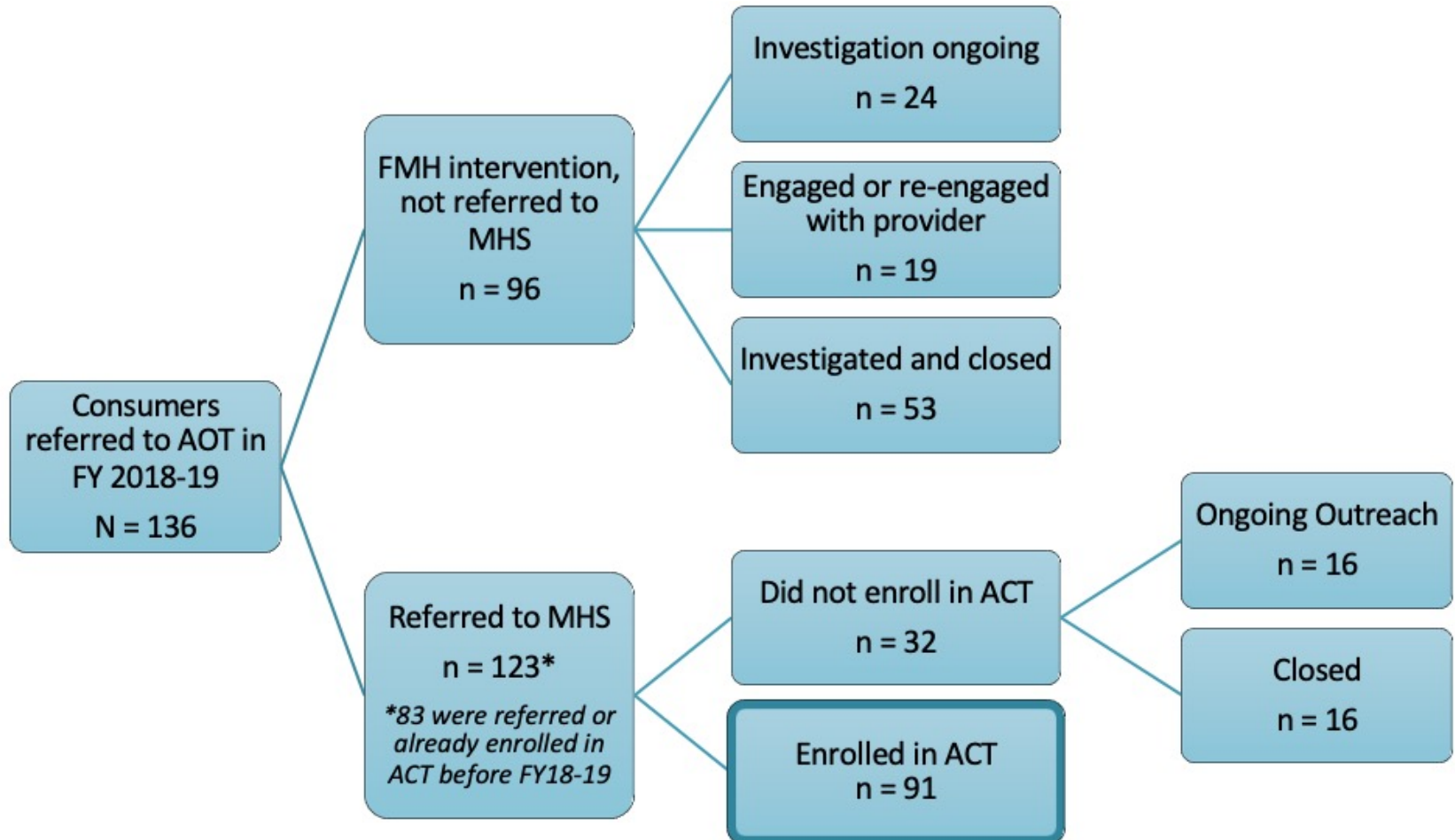
- MHS
 - ▣ Outreach and engagement contacts
 - ▣ ACT client list
 - ▣ PAF, KET, and clinical assessments

Considerations

- Variability in lengths of consumers enrollment
- Service data relies on ACT encounters being entered into the County's EHR
- Housing and employment data are self-reported

FY 2018-19 Overview

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Pre-AOT Enrollment

Referrals for AOT

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The majority of AOT referrals continue to come from consumers' family members and mental health providers.

Requestor	Percent of Total Referrals (N = 136)
Parent, spouse, adult sibling, or adult child	55% (n = 75)
Treating or supervising mental health provider	35% (n = 48)
Probation, parole, or peace officer	6% (n = 8)
Adult who lives with individual	1% (n = 2)
Legal guardian/Protector	1% (n = 1)
Unknown	1% (n = 2)

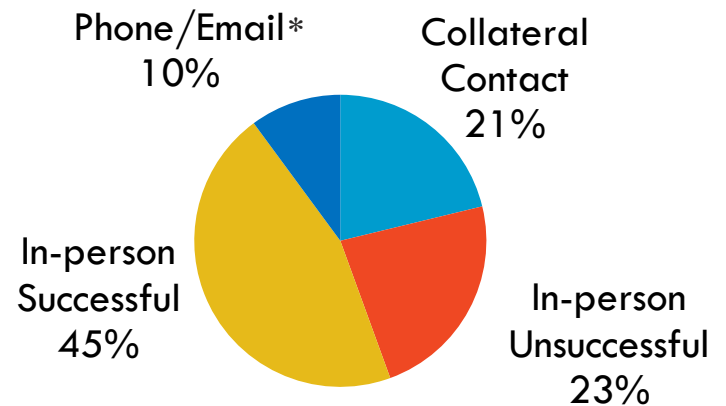
The Care Team

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The majority of individuals referred to AOT were connected to services, either through ACT or another provider.

Investigation Outcome	Referred Consumers
Referred to MHS	29% (n = 40)
Engaged or Re-Engaged with a Provider	14% (n = 19)
Investigated and Closed	39% (n = 53)
Ongoing Investigation	18% (n = 24)

In FY 2018-2019, MHS provided outreach and engagement for 76 consumers. Most outreach attempts were in-person and successful.



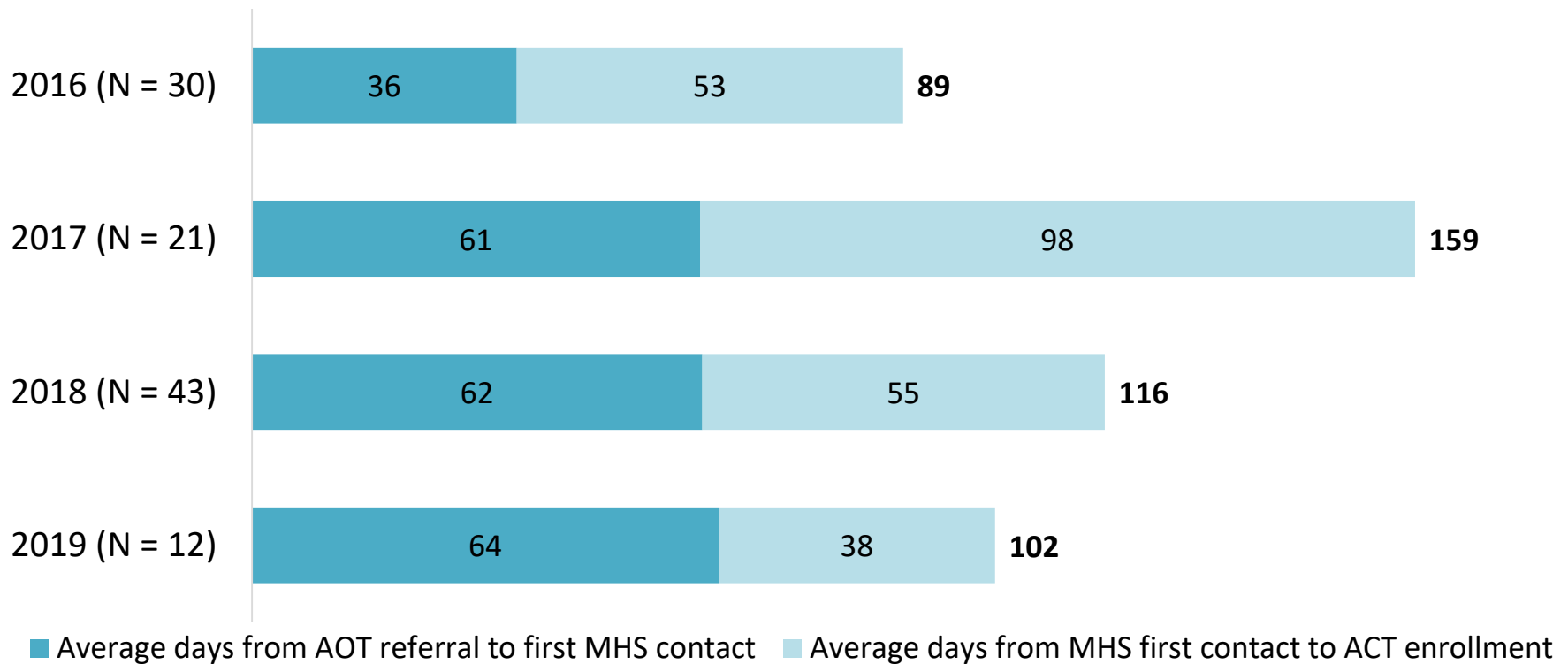
On average, it took 127 days from initial referral to ACT enrollment. The majority of consumers (95%, n = 86) enrolled in ACT without a court order.

* MHS outreach attempts without a location listed and no time associated with the service were coded as phone/email. Three in-person encounters were missing information on the outcome of the outreach, successful or not successful, so they are not included in this figure.

Average Length of Time from AOT Referral to ACT Enrollment

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126 ACT enrollments, representing 114 unique consumers*



* For consumers with multiple ACT enrollments, only the first enrollment is included in this analysis. Eight consumers were missing data from either their AOT referral or MHS outreach and were not included in this analysis.



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AOT Enrollment

Consumer Profile (N = 91)

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Category	Percent of Consumers
Gender	
Female	38%
Male	62%
Race/Ethnicity	
White	51%
Black/African American	19%
Hispanic or Latino	14%
Asian/Pacific Islander	5%
Other	5%
Unknown/Not reported	5%
Age	
18 – 25	20%
26 – 49	65%
50+	15%

- **Diagnosis**
 - Most consumers (95%) had a serious mental illness, including schizophrenia and schizoaffective disorders, and depressive and bipolar disorders
 - Approx. 73% had co-occurring substance use disorders
- **Housing**
 - 76% were in stable housing at enrollment
- **Employment & Finances***
 - 81% were unemployed at enrollment
 - 57% received supplemental security or disability income at enrollment

* Partnership Assessment Form (PAF) data, which provides information regarding consumers' employment and financial support at the time of enrollment, were available for 90 of 91 ACT consumers.

ACT Service Participation (N = 84*)

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ACT Services

- Avg. length of enrollment: **485 days**
- Avg. number of service encounters: **1.4 face-to-face contacts per week**
- Avg. intensity of services: **1.4 hours of face-to-face contacts per week**

ACT Treatment Adherence

- 21% consumers were adherent to treatment plan
- 31% consumers met the standard for intensity but not frequency of service.

Consumers were considered “treatment adherent” if they received at least one hour of face-to-face engagement with their ACT team at least two times per week.

* Of the consumers enrolled in ACT during FY 2018-19, two consumers were enrolled for less than one month, and five consumers had no MHS encounter data available to determine service participation. These seven consumers were not included in the analysis presented.

Crisis Episodes and Psychiatric Hospitalizations (N = 89*)

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The number of consumers experiencing crisis episodes and psychiatric hospitalization decreased during AOT enrollment as did their average number of episodes and hospitalizations.

Crisis Episodes		
	Year Before ACT enrollment	During ACT enrollment
Number of Consumers	n = 74	n = 41
Number of Crisis Episodes	2.5 episodes per 180 days	2.3 episodes per 180 days
Average Length of Stay	1.2 days	1.2 days

Psychiatric Hospitalizations		
	Year Before ACT enrollment	During ACT enrollment
Number of Consumers	n = 34	n = 16
Number of Hospitalizations	1.2 hospitalizations per 180 days	0.5 hospitalization per 180 days
Average Length of Stay	12 days**	6.8 days

* Two consumers served during FY 2018-19 were enrolled for less a month and were not included in the outcomes analyses.

** One hospitalization episode lasted 258 days, which was 111 days longer than the next longest episode. This episode was an outlier and was therefore dropped from the length of stay analysis. The average length of stay, when including the outlier episode, was 15 days.

Criminal Justice Involvement (N = 88*)

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The number of consumers booked into jail and the average number of jail bookings decreased during AOT enrollment

Bookings and Incarcerations		
	Year Before ACT enrollment	During ACT enrollment
Number of Consumers	n = 36	n = 20
Number of Bookings	1.6 bookings per 180 days	1.4 bookings per 180 days
Average Length of Incarceration	13.6 days	10.3 days

* In addition to the consumers who were enrolled for less than one month during FY 2018-19, data for consumers who were significant outliers also were not included in the jail bookings analysis. Significant outliers are those consumers who had greater than 4 standard deviations from the mean number of jail bookings for all consumers



Housing and Employment

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Housing Status (N=86)*

- 76% of ACT consumers maintained or obtained housing during ACT enrollment
- 24% continue to struggle with housing

Employment Services (N=91)

- 42 ACT consumers (46%) engaged in employment services
- Services include résumé support, job search, interview preparation, and submitting applications

* Housing status was unknown or unavailable for five consumers.

Other DHCS Outcomes

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- ACT consumers experienced **slight increases in their self-sufficiency** while enrolled in ACT (N = 33)
- The majority of ACT consumers reported **they had not been victimized nor perpetrated violence** in the month prior to enrollment with a slight decrease reported after ACT enrollment (N = 10)
- Overall, consumers were **very satisfied** with the program and their experiences (N = 43)

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Discussion

Discussion

- ❑ The County's AOT Care Team collaborated to connect a majority of referred individuals to the appropriate level of mental health services, including ACT.
- ❑ The majority of ACT consumers experienced benefits from participating in the AOT treatment program.
- ❑ Twenty-one percent of consumers were adherent with ACT services during FY 2018-19.
- ❑ AOT enforcement mechanisms were used for the first time during FY 2018-19.

Contact Us!

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Thank you!