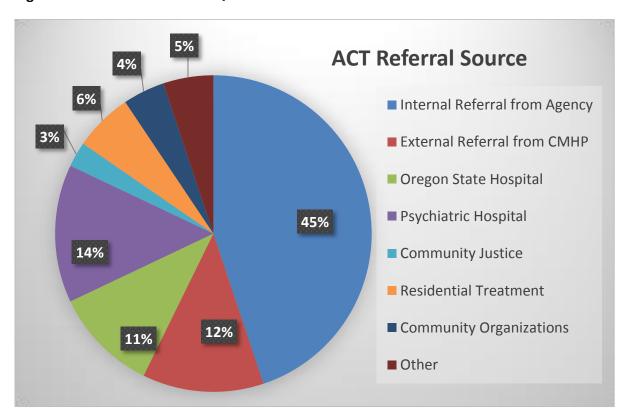
# Oregon ACT Programs: Summary Statistics Quarter 3 2019

Presented at the OCEACT Advisory Committee Meeting 1/9/2020

## **Referrals to ACT**

- In Quarter 3 2019, the total number of referrals to ACT programs statewide was 195. An additional 39 individuals had been referred to ACT in prior quarters, 29 of which the ACT determination was decided in Quarter 3 and 10 of which are still pending for a total of 234 referrals under consideration in Quarter 3.
  - The median age of individuals referred was 35.7
  - The majority were male (60%), 38% female,1% trans, and 1% other.
- Figure 1 provides a summary of referral sources for ACT programs. The majority of referrals to ACT were from other departments within the same community mental health agency (Internal Referrals from Agency, 45%). The second largest referral source to ACT programs were external referrals from community based psychiatric hospitals (14%). Twelve percent of ACT referrals were from other external Community Mental Health Providers (CMHPs) and 11% were from the Oregon State Hospital. The remaining 18% (combined) came from community organizations, community justice, and others including medical providers, family members, and CCO's.

Figure 1 ACT Referral Sources Q3 2019



- Overall, the average number of days from ACT referral to date of determination was 23; the median length of time from referral to determination was 10 days, the minimum was 0 and the maximum was 274. 42% of referrals were determined in 7 days or less.
- **ACT Admissions**: Of the total 234 referrals, 44% were accepted into ACT programs, 36% were denied and 20% were still pending at the end of the quarter. Table 2 provides admission rates by ACT program and Table 3 provides reasons why referrals were not admitted to ACT programs.

## **Table 2 ACT Admission Rates by Agency**

ACT AGENCY	Number of Referrals	Enrolled In ACT	% Enrolled in ACT	Not Enrolled	% Not Enrolled	Pending	% Pending
Benton County Behavioral Health	4	4	100%	0	0%	0	0%
Cascadia Clackamas	8	4	50%	3	38%	1	13%
Cascadia FACT	13	7	54%	3	23%	3	23%
Center for Human Development	1	1	100%	0	0%	0	0%
Central City Concern	26	11	42%	15	58%	0	0%
Clatsop Behavioral Healthcare	7	2	29%	3	43%	2	29%
Columbia Community Mental Health	2	0	0%	1	50%	1	50%
Community Counseling Solutions	1	1	100%	0	0%	0	0%
Compass/ADAPT	14	3	21%	7	50%	4	29%
Coos County Mental Health	7	2	29%	4	57%	1	14%
Deschutes County Mental Health	5	5	100%	0	0%	0	0%
Jackson County Mental Health	13	2	15%	5	38%	6	46%
Klamath Basin Behavioral Health	10	8	80%	2	20%	0	0%
Laurel Hill Center	13	6	46%	6	46%	1	8%
Lifeways	6	4	67%	2	33%	0	0%
LifeWorks Northwest	19	9	47%	8	42%	2	11%
Linn County Mental Health	8	8	100%	0	0%	0	0%
Marion County Mental Health	4	1	25%	2	50%	1	25%

Mid-Columbia Center for Living	0	0	0%	0	0%	0	0%
NARA Northwest	15	3	20%	7	47%	5	33%
New Directions	4	1	25%	0	0%	3	75%
Options for Southern Oregon	3	2	67%	0	0%	1	33%
Outside In	8	3	38%	1	13%	4	50%
Polk County Mental Health	8	5	63%	3	38%	0	0%
South Lane Mental Health	1	0	0%	0	0%	1	100%
Symmetry Care	4	1	0%	0	0%	3	0%
Telecare Corporation	14	2	14%	6	43%	6	43%
Tillamook Family Counseling Center	2	0	0%	2	0%	0	0%
Wallowa Valley Center for Wellness	5	3	60%	2	40%	0	0%
Yamhill County Mental Health	9	5	56%	3	33%	1	11%
TOTAL	234	103	44%	85	36%	46	20%

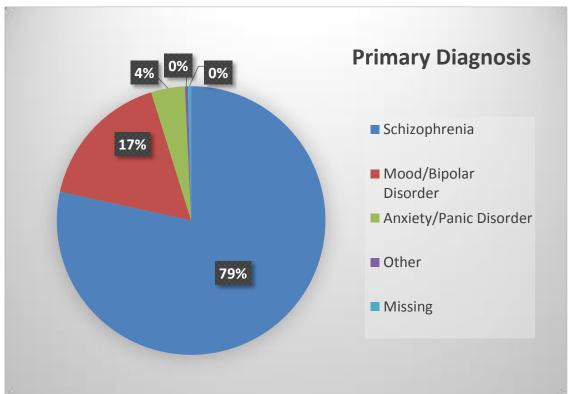
Table 3: Reasons an Individual Was Not Accepted to ACT (n=85)

	Number	%
Client or guardian declined services	19	22%
Doesn't meet functional impairment	15	18%
Doesn't meet diagnostic criteria	16	19%
Referral pulled/not ready		0%
Accepted into another program	4	5%
Client accepted to residential care	5	6%
ACT team doesn't have capacity	4	5%
Dangerous behavior	7	8%
Insurance issues	1	1%
Medical condition can't manage in community	1	1%
Can't locate	1	1%
Incomplete Referral	2	2%
Client needs higher level of care		0%
Client moved out of geographic location	3	4%
Other	7	8%
	85	100%

#### Who was served by ACT?

- Total number of ACT participants served in Quarter 3 2019 was 1351.
- All but ten ACT participant met the ACT eligibility criteria related to diagnosis of serious and persistent
  mental illness (schizophrenia, bipolar disorder, and other diagnoses with psychotic features). Two
  participants had substance use disorders at primary diagnosis and three people had personality
  disorders at their primary diagnosis. Five participants were missing diagnosis information.

Figure 2: Primary Diagnosis



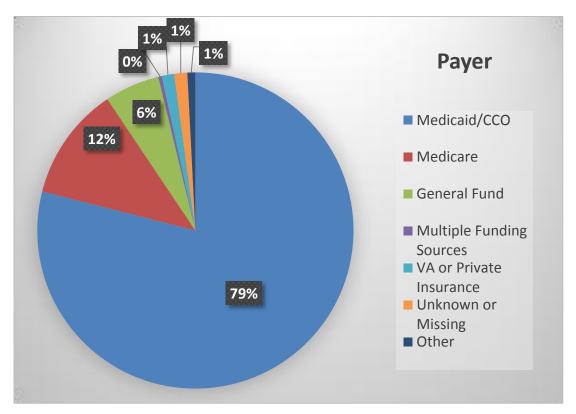
- 52% of ACT participants have a co-occurring substance use diagnosis.
- 2.4% are US Veterans.
- Legal status upon entry into ACT: Most ACT participants are not court involved (78%). Four percent of ACT participants are involved with Mental Health Court or Jail Diversion programs, 8% are on other forms of parole or probation and 2% were on PSRB.

	Number	%
None	1044	77%
Parole or Probation	112	8%
Jail Diversion or MH Court	58	4%
Psychiatric Security Review Board (PSRB)	23	2%

Civil Commitment or Trial Visit	67	5%
Aid and Assist	12	1%
Other	15	1%
Missing/Unknown	12	1%
Incarcerated	8	1%
	1351	100%

• The majority of ACT participants were funded by Medicaid (79%); Followed by Medicare (12%) and General Fund 6%. Less than one percent of individuals had multiple payer sources (usually Medicare supplemented by other funding sources) or VA or private insurance. One percent of ACT participant's payer data was missing data or reported as unknown. One percent of ACT participants were funded from 'other' sources like a Mental Health Grant.

Figure 3: Primary Insurance or Payer Type -



## **Demographics of ACT Participants**

- The median age of ACT participants was 44.74
- Gender: 40% female; 59% male; 0.4% transfemale; 0.1% transmale; 0.6% other identified
- Racial and Ethnic breakdown: The majority of ACT participants are Caucasian (77%). Black clients represent 7% of ACT participants served; American Indians (5%) Asians (3%); and Hispanics (4%).

Table 5	Frequency	Percent
American Indian or Alaskan Native	71	5%
Arab	2	0%
Asian	35	3%
Black or African American	90	7%
Caucasian or White	1045	77%
Hispanic or Latino	59	4%
Pacific Islander or Native Hawaiian	14	1%
Other/Missing	35	3%
Total	1351	100%

- Marital Status: Single 74%; Separated or Divorced 20%; Married or Partnered 4%; Widowed 2%.
- Education level upon entry into ACT: Most ACT participants graduated from high school (44%). An additional 24% has achieved at least some college up to an advanced degree of Associates degree to Doctorate degree. See Table 6 for highest level of education upon entry into ACT.

Table 6	Frequency	Percent
No formal education	22	2%
Grades 1-11	325	24%
High school completion	589	44%
Some college	241	18%
Associates degree	30	2%
Bachelor's degree	43	3%
Masters or doctorate	10	1%
Missing or Unknown	91	7%
Total	1351	100%

• Employment upon entry to ACT: 78% Unemployed; 5% working full or part-time; 1% retired; 0.4% students; 15.6% status unknown or other.

Table 7: Q3 ACT Utilization

ACT Program	Individuals	Individuals
	Served	Discharged
Benton County Behavioral Health	70	4
Cascadia Clackamas	30	5
Cascadia FACT	46	9
Center for Human Development	13	2
Central City Concern Core 1	104	3
Central City Concern Core 2	63	3
Clatsop Behavioral Healthcare	23	3
Columbia Community Mental Health	39	2
Community Counseling Solutions	9	2
Compass/ADAPT	42	3
Coos County Mental Health	13	0
Deschutes County Mental Health	47	1
Jackson County Mental Health	46	4
Klamath Basin Behavioral Health	44	3
Laurel Hill Center_ Original	81	21
Laurel Hill Center_ Expansion	35	8
Lifeways Mahleur	10	1
Lifeways Umatilla	15	2
LifeWorks NW	38	2
Linn County Mental Health	41	4
Marion County Mental Health	79	4
Mid-Columbia Center for Living	18	2
NARA Totem ACT	33	1
New Directions	11	0
Options for Southern Oregon	74	3
Outside In	37	2
Polk County Mental Health	23	0
South Lane Mental Health	41	0
Symmetry Care	21	1
Telecare Corporation	115	5
Tillamook Family Counseling Center	13	2
Wallowa Valley Center for Wellness	22	2
Yamhill County Mental Health Team 1	38	7
Yamhill County Mental Health CSA Team	17	0
Total	1351	111

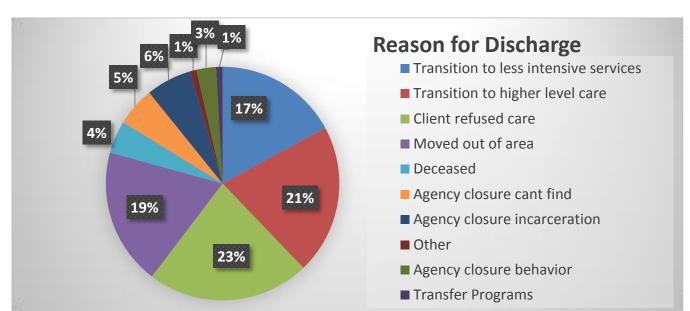


Figure 4: ACT discharge reasons and transition to less intensive services (n=111)

The major reasons ACT individuals were discharged from the ACT program included transitioning to higher levels of care, moving out of the service area, or individuals refused ACT care. However, 17% transitioned to less intensive services and 4% were deceased. A small percentage of closures were due to ACT programs not being able to locate participants, participants were incarcerated, or they were transferred to other programs.

## **ACT Outcomes: Quarter 3 2019**

### **Living Arrangements**

Table 8	Number	Percent
Apartment or Home	795	59%
Homeless, Transitional, Shelter	209	15%
Foster, Room & Board, Oxford	131	10%
Supported or Supportive Housing	99	7%
Residential Facility	59	4%
Institution or Hospital	29	2%
Prison or Jail	19	1%
Other	0	0%
Assisted Living Facility	6	0%
Respite	0	0%
Missing	4	0%
Total	1351	100%

Homelessness: 281 (21%) of ACT participants experienced homelessness in Quarter 3 2019.

Table 9	Number	Percent
0 Days	1070	79%
1-15 Days	18	1%
16-30 Days	20	1%
31-45 Days	11	1%
45 or more Days	232	17%
	1351	100%

Table 10: Homelessness by ACT program: Q3

ACT Program	Individuals	Homeless	%
	Served		Homeless
Benton County Behavioral Health	70	9	13%
Cascadia Clackamas	30	8	27%
Cascadia FACT	46	32	70%
Center for Human Development	13	1	8%
Central City Concern Core 1	104	21	20%
Central City Concern Core 2	63	16	25%
Clatsop Behavioral Healthcare	23	7	30%
Columbia Community Mental Health	39	5	13%
Community Counseling Solutions	9	0	0%
Compass/ADAPT	42	14	33%
Coos County Mental Health	13	2	15%
Deschutes County Mental Health	47	7	15%
Jackson County Mental Health	46	15	33%
Klamath Basin Behavioral Health	44	4	9%
Laurel Hill Center_ Original	81	11	14%
Laurel Hill Center_ Expansion	35	5	14%
Lifeways Mahleur	10	0	0%
Lifeways Umatilla	15	4	27%
LifeWorks NW	38	12	32%
Linn County Mental Health	41	7	17%
Marion County Mental Health	79	18	23%
Mid-Columbia Center for Living	18	5	28%
NARA Totem ACT	33	5	15%
New Directions	11	1	9%
Options for Southern Oregon	74	7	9%
Outside In	37	10	27%
Polk County Mental Health	23	5	22%
South Lane Mental Health	41	5	12%
Symmetry Care	21	1	5%

Telecare Corporation	115	31	27%
Tillamook Family Counseling Center	13	1	8%
Wallowa Valley Center for Wellness	22	1	5%
Yamhill County Mental Health Team 1	38	6	16%
Yamhill County Mental Health CSA Team	17	5	29%
Total	1351	281	21%

### **Emergency Room Utilization**

- Psychiatric Emergency Room Use: 209 ACT participants (16%) had at least one psychiatric emergency room visit.
- Medical Emergency Room Use: 231 ACT participants (17%) had at least one medical ER visit.
- ER Use Combined: 363 (27%) of ACT participants used the ER for either psychiatric, medical or both.

**Re-hospitalization**: In Quarter 3, 139 (10.3%) of 1351 ACT participants had at least one hospitalization. These 139 individuals had a total of 183 hospitalizations. The breakdown of the types of hospitalization are listed below.

Among those total 183 hospitalizations:

- o 109 (60%) were at a psychiatric unit in a hospital;
- o 22 (12%) were at a subacute facility;
- o 22 (12%) were at the Oregon State Hospital;
- o 10 (5%) went to Residential Treatment;
- o 20 (11%) other.

Table 14: Hospitalization and Psychiatric ER visits by ACT program: Q3

ACT Program	Individuals Served	Psych Inpatient	Percent Psych Inpatient	ER Use for Psych Reasons	Percent ER Use
Benton County Behavioral Health	70	7	10%	9	13%
Cascadia Clackamas	30	6	20%	9	30%
Cascadia FACT	46	2	4%	13	28%
Center for Human Development	13	2	15%	2	15%
Central City Concern Core 1	104	1	1%	7	7%
Central City Concern Core 2	63	1	2%	12	19%
Clatsop Behavioral Healthcare	23	4	17%	6	26%
Columbia Community Mental Health	39	2	5%	2	5%
Community Counseling Solutions	9	0	0%	0	0%
Compass/ADAPT	42	11	26%	10	24%
Coos County Mental Health	13	1	8%	6	46%
Deschutes County Mental Health	47	10	21%	8	17%
Jackson County Mental Health	46	9	20%	8	17%
Klamath Basin Behavioral Health	44	7	16%	9	20%
Laurel Hill Center_ Original	81	5	6%	7	9%
Laurel Hill Center_ Expansion	35	8	23%	7	20%
Lifeways Mahleur	10	0	0%	0	0%
Lifeways Umatilla	15	1	7%	6	40%
LifeWorks NW	38	7	18%	11	29%
Linn County Mental Health	41	4	10%	7	17%
Marion County Mental Health	79	9	11%	14	18%
Mid-Columbia Center for Living	18	4	22%	2	11%
NARA Totem ACT	33	1	3%	2	6%
New Directions	11	2	18%	0	0%
Options for Southern Oregon	74	6	8%	8	11%
Outside In	37	2	5%	5	14%
Polk County Mental Health	23	5	22%	5	22%
South Lane Mental Health	41	2	5%	2	5%
Symmetry Care	21	1	5%	0	0%
Telecare Corporation	115	12	10%	18	16%
Tillamook Family Counseling Center	13	0	0%	2	15%
Wallowa Valley Center for Wellness	22	1	5%	3	14%
Yamhill County Mental Health Team 1	38	5	13%	6	16%
Yamhill County Mental Health CSA					
Team	17	1	6%	3	18%
Total	1351	139	10%	209	15%

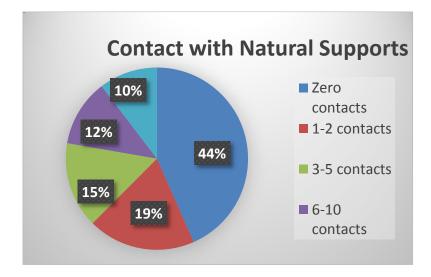
**Arrests:** The majority of ACT participants had zero arrests (1223, 91%). 108 individuals (8%) had 1-2 arrests; 13 had 3 or more arrests (1%).

Nights in Jails: 109 (8%) of ACT participants spent at least one night in jail.

**Work with Natural Supports:** ACT teams who work closely with natural supports of ACT participants have the best outcomes. ACT participants who transition out of ACT with strong natural supports have the greatest success post transition to less intensive services. Examples of how ACT teams work with informal supports include: 1) Establishing an ongoing process for regular communication with family members for coordination of care; 2) Assisting family members in providing practical supports such as shopping, money management, and medication and assisting ACT clients to become more self-sufficient in these areas; 3) providing psychoeducation to families so that they have greater understanding about the client's mental illness; 4) helping restore healthy relationships with family members when possible; 5) helping ACT participants develop new primary social relationships and supports so that they are not primarily reliant on the mental health service delivery system; 6) supporting clients to fulfill parenting responsibilities and help coordinate care for children.

The average number of contacts with natural supports was 3.8 for Quarter 3 2019 which averages to 1.3 contact a month per ACT participant.

**Figure 5: Contact with Natural Supports** 



Number of		
Contacts	# Participants	Percentage
Zero contacts	586	43%
1-2 contacts	258	19%
3-5 contacts	206	15%
6-10 contacts	161	12%
>10 contacts	140	10%
Total	1351	100%

#### **Alcohol and Drug Use**

Table 15	Number	Percent
None	542	40%
Once or twice	92	7%
At least once a month	99	7%
At least once a week	151	11%
Daily or almost daily	172	13%
Multiple times a day	90	7%
Unknown	205	15%
Total	1351	100%

**Alcohol or Drug use:** 20% of ACT participants used drugs daily or multiple times a day.

**Taking Medications:** Most ACT participants who are prescribed medications and take them (1010, 75%), compared to 19% who are prescribed medications and do not take them. An additional 87 (6%) ACT participants are not prescribed medications.

Table 16: Likes and Takes medication cross-tabulation

	Takes Medications		
Likes Medications	Yes No		
Yes	700	64	
No	310	190	
	1010	254	

**Table 17: Enrollment in Supported Employment and Competitive Employment Outcomes** 

ACT Program	Individuals Served	Number enrolled	Percent in SE of	Number competitively	Percent employed
		in SE	Total	employed	of SE
Benton County Behavioral Health	70	22	31%	9	41%
Cascadia Clackamas	30	9	30%	4	44%
Cascadia FACT	46	12	26%	2	17%
Center for Human Development	13	3	23%	1	33%
Central City Concern Core 1	104	20	19%	7	35%
Central City Concern Core 2	63	14	22%	9	64%
Clatsop Behavioral Healthcare	23	9	39%	3	33%
Columbia Community Mental Health	39	15	38%	0	0%
Community Counseling Solutions	9	2	22%	0	0%
Compass/ADAPT	42	3	7%	0	0%
Coos County Mental Health	13	7	54%	1	14%
Deschutes County Mental Health	47	8	17%	3	38%
Jackson County Mental Health	46	10	22%	5	50%
Klamath Basin Behavioral Health	44	7	16%	2	29%
Laurel Hill Center_ Original	81	19	23%	4	21%
Laurel Hill Center_ Expansion	35	3	9%	1	33%
Lifeways Mahleur	10	4	40%	0	0%
Lifeways Umatilla	15	0	0%	0	0%
LifeWorks NW	38	10	26%	1	10%
Linn County Mental Health	41	10	24%	1	10%
Marion County Mental Health	79	20	25%	3	15%
Mid-Columbia Center for Living	18	4	22%	0	0%
NARA Totem ACT	33	12	36%	3	25%
New Directions	11	6	55%	2	0%
Options for Southern Oregon	74	23	31%	9	39%
Outside In	37	18	49%	9	50%
Polk County Mental Health	23	14	61%	1	7%
South Lane Mental Health	41	1	2%	1	100%
Symmetry Care	21	4	19%	1	25%
Telecare Corporation	115	27	23%	7	26%
Tillamook Family Counseling Center	13	6	46%	1	17%
Wallowa Valley Center for Wellness	22	11	50%	4	36%
Yamhill County Mental Health Team 1	38	6	16%	3	50%
Yamhill County Mental Health CSA					
Team	17	6	35%	1	17%
Total	1351	345	26%	98	28%

In Table 17 the cells highlighted in blue indicate the ACT programs that have achieved 35% or more ACT participants enrolled in SE or hired in competitive employment.

Currently, 26% of all ACT participants are enrolled in supported employment. Typically ACT programs can expect that 40% of ACT participants to want to work and this is the target number set as the benchmark to be enrolled in Supported Employment services. Of those enrolled in Supported Employment, the expectation is also that 40% of those enrolled in SE will be competitively employed. Currently ACT programs statewide have a 28% employment rate among those enrolled in SE.

Enrolled in School: 32 ACT participants (2.4%) were enrolled in a degree seeking program such as GED, community college, four-year degree or vocational training.

## **Quarter 3 2019 Summary**

- Overall the re-hospitalization rate was 10%.
- ER utilization for ACT participants was 16%.
- 9% of ACT participants had one or more arrests and 8% spent at least one night in jail.
- SE enrollment was 26% of ACT participants of those enrolled in SE, 28% worked in competitive jobs.
- Rate of homelessness was moderate at 21%.
- Alcohol or Drug use: 20% of ACT participants used drugs daily or multiple times a day.
- Medication adherence: 75% of ACT participants who were prescribed psychiatric medications were taking them.

All data used in this report were submitted by ACT programs to the Oregon Health Authority through the Oregon ACT Database, a web-based portal for ACT programs to report quarterly ACT referral, enrollment and outcome data. Data analysis and reporting was conducted by the Oregon Center of Excellence for Assertive Community Treatment (OCEACT) for dissemination at the OCEACT advisory committee. Ongoing quarterly data reporting will be provided by OCEACT and annual trend analysis will be conducted to demonstrate ACT successes and areas where quality improvement is needed. Hopefully these data will be used to inform future policies and system changes needed to improve the mental health service delivery system and quality of lives for individuals living with severe and persistent mental illness.



ACT Team	Percent of Participants Enrolled in SE
Polk County Mental Health	61%
New Directions Behavioral Health & Wellness	55%
Coos Health and Wellness	54%
Wallowa Valley Center for Wellness	50%
Outside In	49%
Tillamook Family Counseling Center	46%
Lifeways Malheur	40%