

Oregon ACT Programs: Summary Statistics

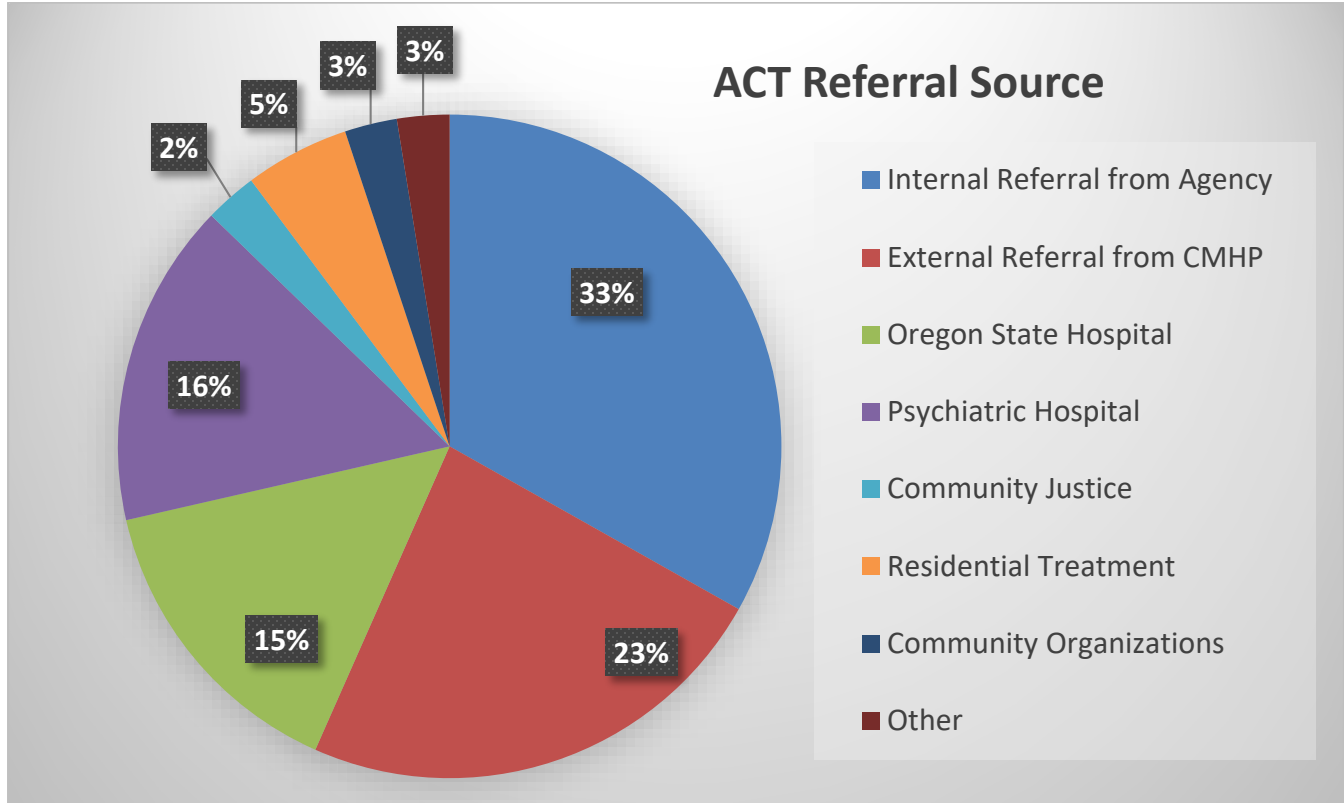
Quarter 4 2020

Presented at the OCEACT Advisory Committee Meeting 4/8/2021

Referrals to ACT

- In Quarter 4 2020, the total number of referrals to ACT programs statewide was 156. An additional 40 individuals had been referred to ACT in prior quarters, 35 of which the ACT determination was decided in Quarter 4, and five of which are still pending for a total of 196 referrals under consideration in Quarter 4.
 - The median age of individuals referred was 38.9
 - The majority were male (60%), 39% female, 0.5% trans, and 0.5% 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, 33%). The second largest referral source to ACT programs were external referrals from other Community Mental Health Providers (CMHPs, 23%). Sixteen percent of ACT referrals were from community based psychiatric hospitals and 15% were from the Oregon State Hospital. The remaining 13% (combined) came from community organizations, community justice, and others including medical providers and guardians.

Figure 1 ACT Referral Sources Q4 2020



- Overall, the average number of days from ACT referral to date of determination was 33; the median length of time from referral to determination was 11 days, the minimum was 0 and the maximum was 644. 39% of referrals were determined in 7 days or less.
- **ACT Admissions:** Of the total 196 referrals, 47% were accepted into ACT programs, 38% were denied and 15% were still pending at the end of the quarter. Table 1 provides admission rates by ACT program and Table 2 provides reasons why referrals were not admitted to ACT programs.

Table 1 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	8	5	63%	3	38%	0	0%
Cascadia Clackamas	11	3	27%	5	45%	3	27%
Cascadia FACT	5	3	60%	2	40%	0	0%
Center for Human Development	1	0	0%	1	0%	0	0%
Central City Concern	16	5	31%	10	63%	1	6%
Clatsop Behavioral Healthcare	5	4	80%	1	20%	0	0%
Columbia Community Mental Health	5	5	100%	0	0%	0	0%
Community Counseling Solutions	2	2	100%	0	0%	0	0%
Compass/ADAPT	3	3	100%	0	0%	0	0%
Coos Health and Wellness	8	5	63%	2	25%	1	13%
Curry County Mental Health	8	3	38%	5	63%	0	0%
Deschutes County Mental Health	1	1	100%	0	0%	0	0%
Jackson County Mental Health	9	3	33%	4	44%	2	22%
Klamath Basin Behavioral Health	5	3	60%	1	20%	1	20%
Laurel Hill Center	10	2	20%	8	80%	0	0%
Lifeways	6	3	50%	2	33%	1	17%
LifeWorks Northwest	10	4	40%	4	40%	2	20%
Linn County Mental Health	6	5	83%	1	17%	0	0%

ACT AGENCY	Number of Referrals	Enrolled In ACT	% Enrolled in ACT	Not Enrolled	% Not Enrolled	Pending	% Pending
Marion County Mental Health	11	9	82%	2	18%	0	0%
Mid-Columbia Center for Living	2	2	100%	0	0%	0	0%
NARA Northwest	4	0	0%	2	50%	2	50%
New Directions	1	1	100%	0	0%	0	0%
Options for Southern Oregon	5	4	80%	1	20%	0	0%
Outside In	5	1	20%	0	0%	4	80%
Polk County Mental Health	9	2	22%	7	78%	0	0%
South Lane Mental Health	0	0	0%	0	0%	0	0%
Symmetry Care	0	0	0%	0	0%	0	0%
Telecare Corporation	29	10	34%	10	34%	9	31%
Tillamook Family Counseling Center	2	2	100%	0	0%	0	0%
Wallowa Valley Center for Wellness	3	2	67%	1	33%	0	0%
Yamhill County Mental Health	6	1	17%	2	33%	3	50%
TOTAL	196	93	47%	74	38%	29	15%

Table 2: Reasons an Individual Was Not Accepted into ACT (n=74)

Reason Not Accepted into ACT	Number	%
Client or guardian declined services	18	24%
Doesn't meet functional impairment	5	7%
Doesn't meet diagnostic criteria	10	14%
Referral cancelled or withdrawn	6	8%
Accepted into another program	2	3%
Client accepted to residential care	2	3%
ACT team doesn't have capacity	6	8%
Dangerous behavior	6	8%

Reason Not Accepted into ACT	Number	%
Insurance issues	3	4%
Medical condition can't manage in community	1	1%
Can't locate	5	7%
Incomplete Referral	2	3%
Client needs higher level of care	3	4%
Client moved out of geographic location	2	3%
Other	3	4%
Total	74	100%

- **Aid and Assist Referrals:** Of the referrals made to ACT, 23 (12%) were on Aid and Assist. Of those on Aid and Assist, 7 were enrolled into ACT, 15 were not enrolled and 1 was still pending at the end of Q4 2020.

Table 3: Reasons Individuals on Aid and Assist Were Not Enrolled in ACT (N=15)

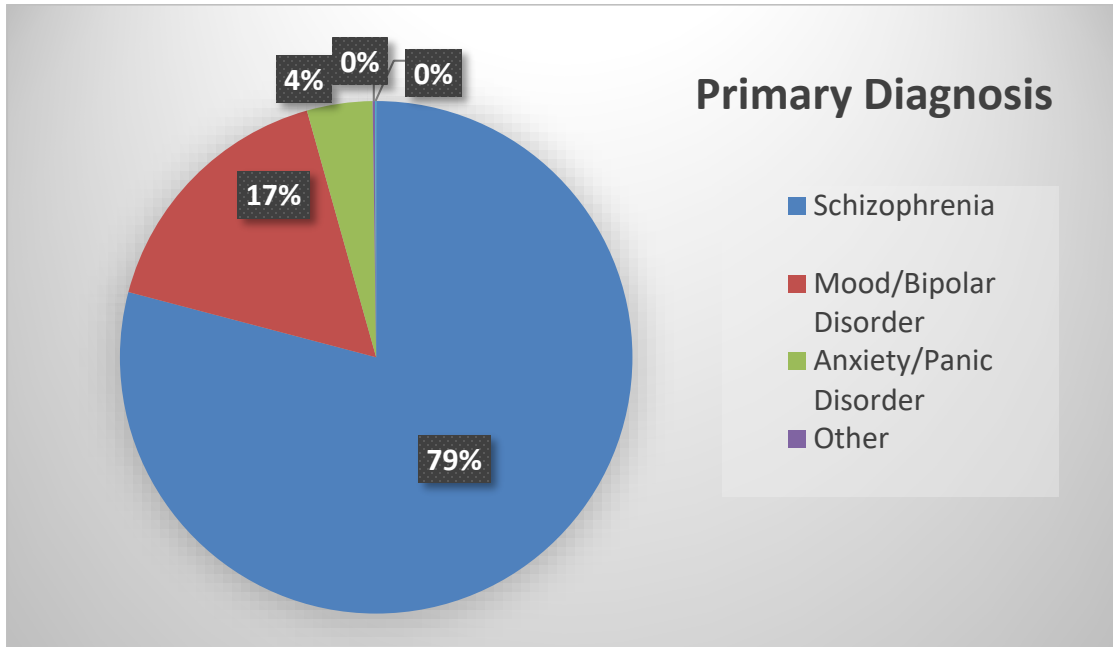
	Number	%
ACT team does not have capacity	2	13.3%
Client accepted into residential care	1	6.6%
Client declines ACT services	3	20%
Dangerous behaviors which cannot be managed in community setting	1	6.6%
Doesn't meet diagnostic criteria for primary diagnosis of severe and persistent mental illness	2	13.3%
Doesn't meet functional impairment criteria according to national program standards for ACT programs	1	6.6%
Insurance Issues	1	6.6%
Medical condition able to be managed in community	1	6.6%
Referral cancelled or withdrawn	2	13.3%
Other	1	6.6%
	15	100%

Who was served by ACT?

- Total number of ACT participants served in Quarter 4 2020 was 1393. All but three ACT participants 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. One participant was missing diagnosis information.

Figure 2: Primary Diagnosis

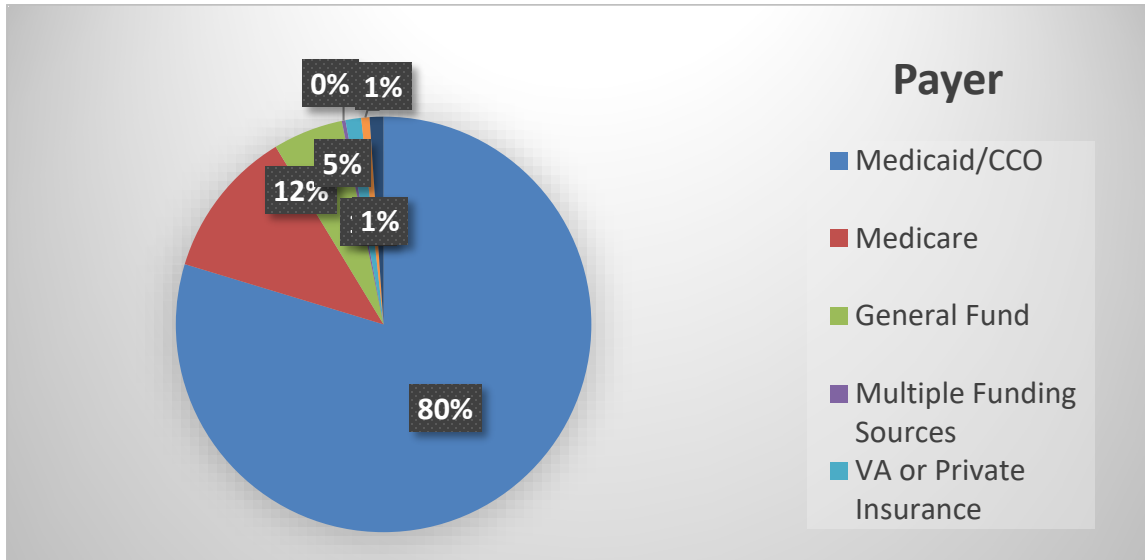


- 56% of ACT participants have a co-occurring substance use diagnosis.
- 2.7% are US Veterans.
- Legal status upon entry into ACT: Most ACT participants were not court involved (78%). Sixty ACT participants (4%) were involved with Mental Health Court or Jail Diversion programs, 122 participants (9%) were on other forms of parole or probation and 1% were on PSRB.

Table 4	Number	%
None	1080	78%
Parole or Probation	122	9%
Jail Diversion or MH Court	60	4%
Psychiatric Security Review Board (PSRB)	20	1%
Civil Commitment or Trial Visit	64	5%
Aid and Assist	20	1%
Other	13	1%
Missing/Unknown	11	1%
Incarcerated	3	0%
	1393	100%

- The majority of ACT participants were funded by Medicaid (80%); Followed by Medicare (12%) and General Fund 5%. 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 43.7%
- Gender: 40% female; 59% male; 0.5% transfemale; 0.1% transmale; 0.7% 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 (5%).

Table 5 Race/Ethnicity	Frequency	Percent
American Indian or Alaskan Native	66	5%
Arab	2	0%
Asian	35	3%
Black or African American	99	7%
Caucasian or White	1066	77%
Hispanic or Latino	74	5%
Pacific Islander or Native Hawaiian	12	1%
Other/Missing	39	3%
Total	1393	100%

- Marital Status: Single 75%; Separated or Divorced 19%; Married or Partnered 4%; Widowed 2%.
- Education level upon entry into ACT: Over a quarter, (26%) of ACT participants have less than a high complete high school education. Most ACT participants graduated from high school (44%). An additional 24% has achieved at least some college, or an advanced degree of Associates degree to Doctorate degree. See Table 6 for highest level of education upon entry into ACT.

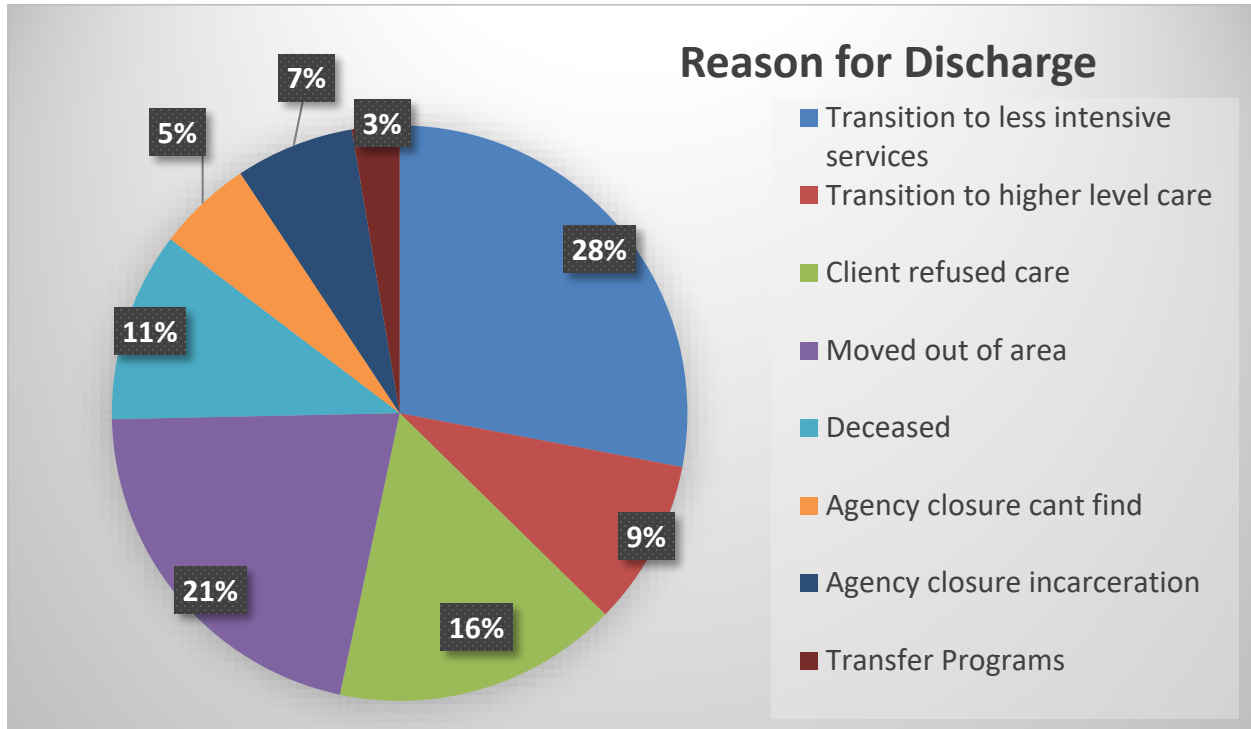
Table 6	Frequency	Percent
No formal education	23	2%
Grades 1-11	336	24%
High school completion	611	44%
Some college	254	18%
Associates degree	30	2%
Bachelor's degree	40	3%
Masters or doctorate	9	1%
Missing or Unknown	90	6%
Total	1393	100%

- Employment upon entry to ACT: 78% Unemployed; 5% working full or part-time; 1% retired; 0.4% students; 15.3% status unknown or other.

Table 7: Q4 ACT Utilization: Enrollment and Discharges by ACT Program

ACT Program	Individuals Served	Individuals Discharged
Benton County Behavioral Health	71	4
Cascadia Clackamas	35	0
Cascadia FACT	44	2
Center for Human Development	14	0
Central City Concern Core 1	99	1
Central City Concern Core 2	70	2
Clatsop Behavioral Healthcare	16	1
Columbia Community Mental Health	42	2
Community Counseling Solutions	9	2
Compass/ADAPT	41	1
Coos Health and Wellness	23	2
Curry County Mental Health	10	2
Deschutes County Mental Health	53	3
Jackson County Mental Health	48	3
Klamath Basin Behavioral Health	49	1
Laurel Hill Center	80	8
Lifeways Mahleur	11	2
Lifeways Umatilla	20	3
LifeWorks NW	51	0
Linn County Mental Health	38	2
Marion County Mental Health	79	5
Mid-Columbia Center for Living	18	1
NARA Totem ACT	34	3
New Directions	10	3
Options for Southern Oregon - Josephine Co	48	1
Options for Southern Oregon - Jackson Co	27	0
Outside In	48	4
Polk County Mental Health	42	0
South Lane Mental Health	40	4
Symmetry Care	18	1
Telecare Corporation	118	2
Tillamook Family Counseling Center	9	1
Wallowa Valley Center for Wellness	26	4
Yamhill County Mental Health Team 1	34	2
Yamhill County Mental Health CSA Team	18	3
Total	1393	75

Figure 4: ACT discharge reasons and transition to less intensive services (n=75)



The major reasons ACT individuals were discharged from the ACT program included transitioning to lower levels of care, moving out of the area, or individuals refused ACT services. However, 9% transitioned to higher levels of care and 11% were deceased. A small percentage of closures were due to ACT programs not being able to locate participants, participants being incarcerated, or transferred to other programs.

ACT Outcomes: Quarter 4 2020

Table 8: Living Arrangements

	Number	Percent
Apartment or Home	731	52%
Homeless, Transitional, Shelter	217	16%
Foster, Room & Board, Oxford	152	11%
Supported or Supportive Housing	147	11%
Residential Facility	84	6%
Institution or Hospital	21	2%
Prison or Jail	32	2%
Other	2	0%
Assisted Living Facility	6	0%
Missing	1	0%
Total	1393	100%

Table 9: Homelessness: 272 (19.5%) of ACT participants experienced homelessness in Quarter 4 2020.

Days Homeless	Number	Percent
Missing	0	0%
0 Days	1121	80%
1-15 Days	21	2%
16-30 Days	6	0%
31-45 Days	11	1%
45 or more Days	234	17%
	1393	100%

Table 10: Homelessness by ACT program: Q4

ACT Program	Individuals Served	Homeless	% Homeless
Benton County Behavioral Health	71	11	15%
Cascadia Clackamas	35	6	17%
Cascadia FACT	44	30	68%
Center for Human Development	14	2	14%
Central City Concern Core 1	99	13	13%
Central City Concern Core 2	70	15	21%
Clatsop Behavioral Healthcare	16	3	19%
Columbia Community Mental Health	42	4	10%
Community Counseling Solutions	9	0	0%
Compass/ADAPT	41	7	17%
Coos Health and Wellness	23	3	13%
Curry County Mental Health	10	3	30%
Deschutes County Mental Health	53	0	0%
Jackson County Mental Health	48	18	38%
Klamath Basin Behavioral Health	49	5	10%
Laurel Hill Center	80	12	15%
Lifeways Malheur	11	1	9%
Lifeways Umatilla	20	3	15%
LifeWorks NW	51	6	12%
Linn County Mental Health	38	5	13%
Marion County Mental Health	79	21	27%
Mid-Columbia Center for Living	18	9	50%
NARA Totem ACT	34	10	29%
New Directions	10	0	0%
Options for Southern Oregon Josephine County	48	4	8%
Options for Southern Oregon Jackson County	27	2	7%
Outside In	48	11	23%

ACT Program	Individuals Served	Homeless	% Homeless
Polk County Mental Health	42	14	33%
South Lane Mental Health	40	5	13%
Symmetry Care	18	2	11%
Telecare Corporation	118	34	29%
Tillamook Family Counseling Center	9	1	11%
Wallowa Valley Center for Wellness	26	1	4%
Yamhill County Mental Health Team 1	34	7	21%
Yamhill County Mental Health CSA Team	18	4	22%
Total	1393	272	20%

Emergency Room Utilization

- Psychiatric Emergency Room Use: 203 ACT participants (15%) had at least one psychiatric emergency room visit.
- Medical Emergency Room Use: 259 ACT participants (19%) had at least one medical ER visit.
- ER Use Combined: 372 (27%) of ACT participants used the ER for either psychiatric, medical or both.

Re-hospitalization: In Quarter 4, 151 (10.8%) of 1393 ACT participants had at least one hospitalization. These 151 individuals had a total of 186 hospitalizations. The breakdown of the types of hospitalization are listed below.

Among those total 186 hospitalizations:

- 124 (66.7%) were at a psychiatric unit in a hospital;
- 24 (12.9%) were at a subacute facility;
- 16 (8.6%) were at the Oregon State Hospital;
- 12 (6.5%) went to Residential Treatment;
- 1 (0.5%) had an Extended ER Stay;
- 9 (4.8%) other.

Table 11: Hospitalization and Psychiatric ER visits by ACT program: Q4

ACT Program	Individuals Served	Psych Inpatient	Percent Psych Inpatient	ER Use for Psych Reasons	Percent ER Use
Benton County Behavioral Health	71	3	4%	14	20%
Cascadia Clackamas	35	11	31%	11	31%
Cascadia FACT	44	8	18%	12	27%
Center for Human Development	14	1	7%	0	0%
Central City Concern Core 1	99	8	8%	7	7%
Central City Concern Core 2	70	6	9%	5	7%
Clatsop Behavioral Healthcare	16	3	19%	5	31%
Columbia Community Mental Health	42	2	5%	4	10%
Community Counseling Solutions	9	0	0%	2	22%
Compass/ADAPT	41	5	12%	4	10%
Coos Health and Wellness	23	1	4%	2	9%
Curry County Mental Health	10	1	10%	2	20%
Deschutes County Mental Health	53	4	8%	5	9%
Jackson County Mental Health	48	13	27%	8	17%
Klamath Basin Behavioral Health	49	10	20%	6	12%
Laurel Hill Center	80	3	4%	1	1%
Lifeways Malheur	11	0	0%	1	9%
Lifeways Umatilla	20	0	0%	0	0%
LifeWorks NW	51	9	18%	10	20%
Linn County Mental Health	38	1	3%	0	0%
Marion County Mental Health	79	12	15%	20	25%
Mid-Columbia Center for Living	18	2	11%	5	28%
NARA Totem ACT	34	1	3%	5	15%
New Directions Behavioral Health and Wellness	10	0	0%	0	0%
Options for Southern Oregon Josephine County	48	4	8%	5	10%
Options for Southern Oregon Jackson County	27	2	7%	4	15%
Outside In	48	3	6%	6	13%
Polk County Mental Health	42	5	12%	11	26%
South Lane Mental Health	40	2	5%	3	8%
Symmetry Care	18	2	11%	2	11%
Telecare Corporation	118	23	19%	35	30%
Tillamook Family Counseling Center	9	0	0%	0	0%
Wallowa Valley Center for Wellness	26	0	0%	2	8%
Yamhill County Mental Health Team 1	34	5	15%	5	15%
Yamhill County Mental Health CSA Team	18	1	6%	1	6%
Total	1393	151	11%	203	15%

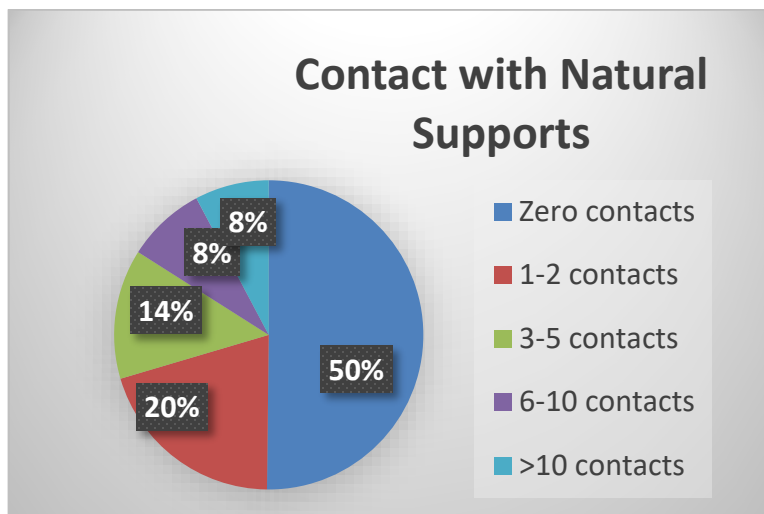
Arrests: The majority of ACT participants had zero arrests (1308, 94%). 81 individuals (5.8%) had 1-2 arrests; 4 had 3 or more arrests (0.2%).

Nights in Jails: 82 (6%) 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 2.94 for Quarter 4 2020 which averages to 0.98 contact a month per ACT participant.

Figure 5: Contact with Natural Supports



Zero contacts	699	50%
1-2 contacts	282	20%
3-5 contacts	189	14%
6-10 contacts	115	8%
>10 contacts	108	8%
Total	1393	100%

Table 12: Alcohol and Drug Use

	Number	Percent
None	546	39%
Once or twice	97	7%
At least once a month	90	6%
At least once a week	168	12%
Daily or almost daily	204	15%
Multiple times a day	98	7%
Unknown	190	14%
Total	1393	100%

Alcohol or Drug use: 22% of ACT participants used drugs daily or multiple times a day.

Taking Medications: Most ACT participants who are prescribed medications take them (1056, 76%), compared to 17% who are prescribed medications and do not take them. An additional 96 (7%) ACT participants are not prescribed medications.

Table 13: Likes and Takes medication cross-tabulation

	Takes Medications	
Likes Medications	Yes	No
Yes	716	61
No	340	180
	1056	241

Table 14: Enrollment in Supported Employment and Competitive Employment Outcomes

ACT Program	Individuals Served	Number enrolled in SE	Percent in SE of Total	Number competitively employed	Percent employed of SE
Benton County Behavioral Health	71	12	17%	5	42%
Cascadia Clackamas	35	13	37%	2	15%
Cascadia FACT	44	12	27%	0	0%
Center for Human Development	14	0	0%	0	0%
Central City Concern Core 1	99	0	0%	0	0%
Central City Concern Core 2	70	9	13%	8	89%
Clatsop Behavioral Healthcare	16	0	0%	0	0%
Columbia Community Mental Health	42	10	24%	1	10%
Community Counseling Solutions	9	3	33%	3	100%
Compass/ADAPT	41	5	12%	2	40%
Coos Health and Wellness	23	8	35%	3	38%
Curry County Mental Health	10	5	50%	0	0%
Deschutes County Mental Health	53	9	17%	5	56%
Jackson County Mental Health	48	8	17%	2	25%
Klamath Basin Behavioral Health	49	15	31%	1	7%
Laurel Hill Center	80	17	21%	1	6%
Lifeways Malheur	11	7	64%	1	14%
Lifeways Umatilla	20	5	25%	4	80%
LifeWorks NW	51	0	0%	0	0%
Linn County Mental Health	38	8	21%	0	0%
Marion County Mental Health	79	10	13%	1	10%
Mid-Columbia Center for Living	18	2	11%	1	50%
NARA Totem ACT	34	0	0%	0	0%
New Directions	10	3	30%	1	33%
Options for Southern Oregon Josephine Co	48	12	25%	6	50%
Options for Southern Oregon Jackson Co	27	8	30%	2	25%
Outside In	48	15	31%	9	60%
Polk County Mental Health	42	14	33%	1	7%
South Lane Mental Health	40	4	10%	0	0%
Symmetry Care	18	3	17%	1	33%
Telecare Corporation	118	26	22%	5	19%
Tillamook Family Counseling Center	9	2	22%	0	0%
Wallowa Valley Center for Wellness	26	12	46%	6	50%
Yamhill County Mental Health Team 1	34	6	18%	6	100%
Yamhill County Mental Health CSA Team	18	3	17%	1	33%
Total	1393	266	19%	78	29%

In Table 14 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, 19% 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 29% employment rate among those enrolled in SE.

Enrolled in School: 19 ACT participants (1.4%) were enrolled in a degree seeking program such as GED, community college, four-year degree or vocational training.

Quarter 4 2020 Summary

- Overall the re-hospitalization rate was 11%.
- ER utilization for ACT participants was 15%.
- 6% of ACT participants had one or more arrests and 6% spent at least one night in jail.
- SE enrollment was 19% of ACT participants of those enrolled in SE, 29% worked in competitive jobs.
- Rate of homelessness was moderate at 20%.
- Alcohol or Drug use: 22% of ACT participants used drugs daily or multiple times a day.
- Medication adherence: 76% 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.

Oregon ACT Outcome Comparison Quarter 3 & 4 2020

