

Oregon ACT Programs: Summary Statistics

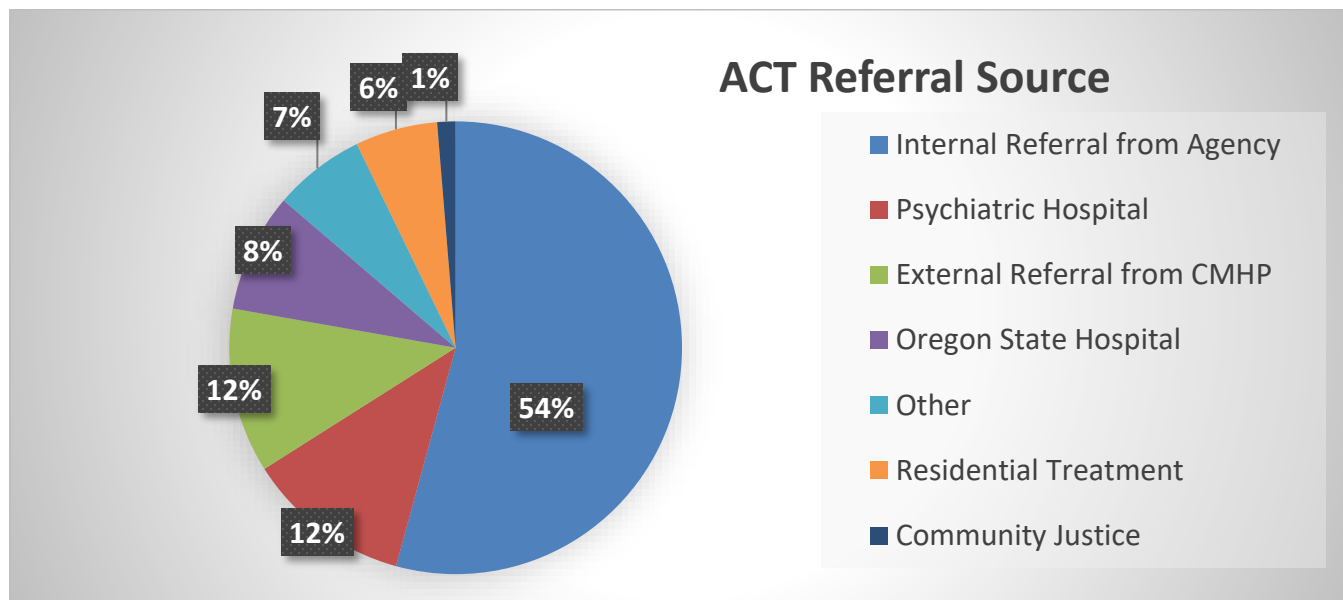
Quarter 1 2022

Presented at the OCEACT Advisory Committee Meeting 7/14/2022

Referrals to ACT

- In Quarter 1 2022, the total number of referrals to ACT programs statewide was 105. An additional 48 individuals had been referred to ACT in prior quarters, 17 of which the ACT determination was decided in Quarter 1 and 31 of which are still pending for a total of 153 referrals under consideration in Quarter 3.
 - The median age of individuals referred was 37
 - The majority were male (56%), 40% female, 2% trans, and 2% 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, 55%). The second largest referral source to ACT programs were external referrals from community based psychiatric hospitals (12%). Ten percent of ACT referrals were from other external Community Mental Health Providers (CMHPs) and 9% were from the Oregon State Hospital. The remaining 14% (combined) came from community organizations, and self or family members.

Figure 1 ACT Referral Sources Q1 2022



- Overall, the average number of days from ACT referral to date of determination was 38; the median length of time from referral to determination was 17 days, the minimum was 0 and the maximum was 413. 33% of referrals were determined in 7 days or less.
- **ACT Admissions:** Of the total 153 referrals, 38% were accepted into ACT programs, 37% were denied and 25% 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	9	4	44%	2	22%	3	33%
Cascadia Clackamas	11	3	27%	4	36%	4	36%
Cascadia FACT	0	0	0%	0	0%	0	0%
Center for Human Development	3	2	67%	1	33%	0	0%
Central City Concern	3	1	33%	1	33%	1	33%
Clatsop Behavioral Healthcare	4	4	0%	0	0%	0	0%
Columbia Community Mental Health	2	1	50%	1	50%	0	0%
Community Counseling Solutions	3	2	67%	0	0%	1	0%
Compass/ADAPT	13	0	0%	1	8%	12	92%
Coos County Mental Health	1	0	0%	0	0%	1	100%
Deschutes County Mental Health	0	0	0%	0	0%	0	0%
Jackson County Mental Health	7	3	43%	0	0%	4	57%
Klamath Basin Behavioral Health	7	3	43%	2	29%	2	29%
Laurel Hill Center	14	3	21%	11	79%	0	0%
Lifeways	4	3	75%	1	25%	0	0%
LifeWorks Northwest	4	1	25%	3	75%	0	0%
Linn County Mental Health	9	7	78%	0	0%	2	22%
Marion County Mental Health	10	2	20%	7	70%	1	10%
Mid-Columbia Center for Living	1	0	0%	1	100%	0	0%
NARA Northwest	3	1	0%	0	0%	2	0%
New Directions	0	0	0%	0	0%	0	0%

Options for Southern Oregon	4	3	75%	1	25%	0	0%
Outside In	7	4	57%	3	43%	0	0%
Polk County Mental Health	16	5	31%	9	56%	2	13%
South Lane Mental Health	0	0	0%	0	0%	0	0%
Symmetry Care	2	2	0%	0	0%	0	0%
Telecare Corporation	7	0	0%	3	43%	4	57%
Tillamook Family Counseling Center	1	0	0%	1	0%	0	0%
Wallowa Valley Center for Wellness	1	0	0%	1	0%	0	0%
Yamhill County Mental Health	7	4	57%	3	43%	0	0%
TOTAL	153	58	38%	56	37%	39	25%

Table 3: Reasons an Individual Was Not Accepted to ACT (n=56)

	Number	%
Doesn't meet diagnostic criteria	11	20%
Client or guardian declined services	10	18%
Referral cancelled or withdrawn	7	13%
Doesn't meet functional impairment criteria	7	13%
Dangerous behavior	5	9%
Needs Higher Level of Care	5	9%
Client Accepted into Another Outpatient Program	1	2%
Insurance issues	2	4%
Client moved out of geographic location	2	4%
Other	6	11%
	56	100%

Aid and Assist Referrals: Of the referrals made to ACT, 19 (12%) were on Aid and Assist. Of those on Aid and Assist, 7 were enrolled into ACT, 7 were not enrolled and 5 was still pending at the end of Q1 2022.

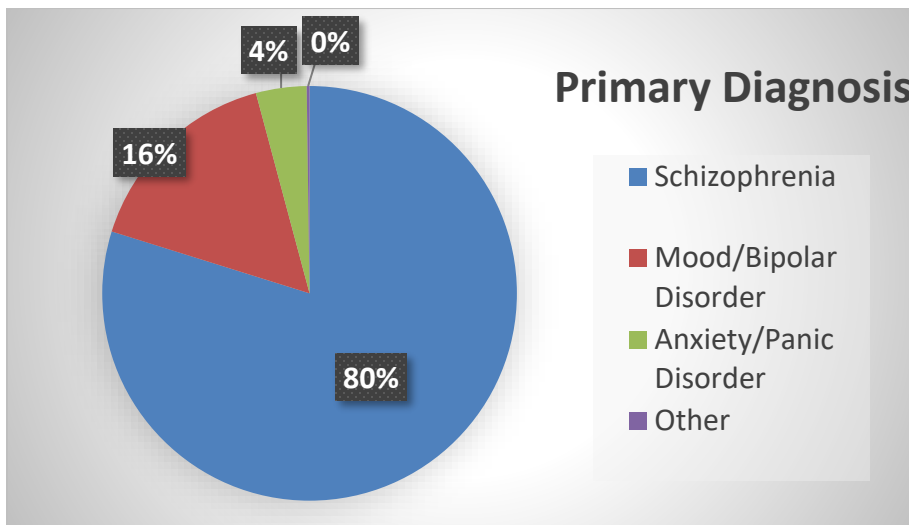
Table 4: Reasons Individuals on Aid and Assist Were Not Enrolled in ACT (N=7)

	Number	%
Client accepted into another outpatient program	1	14%
Doesn't meet diagnostic criteria for primary diagnosis of severe and persistent mental illness	1	14%
Lack of funding or insurance	1	14%
Dangerous behaviors which cannot be managed in community setting	1	14%
Client declines ACT services	2	29%
Other	1	14%
	7	100%

Who was served by ACT?

- Total number of ACT participants served in Quarter 1 2022 was 1368.
- All but three 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).

Figure 2: Primary Diagnosis



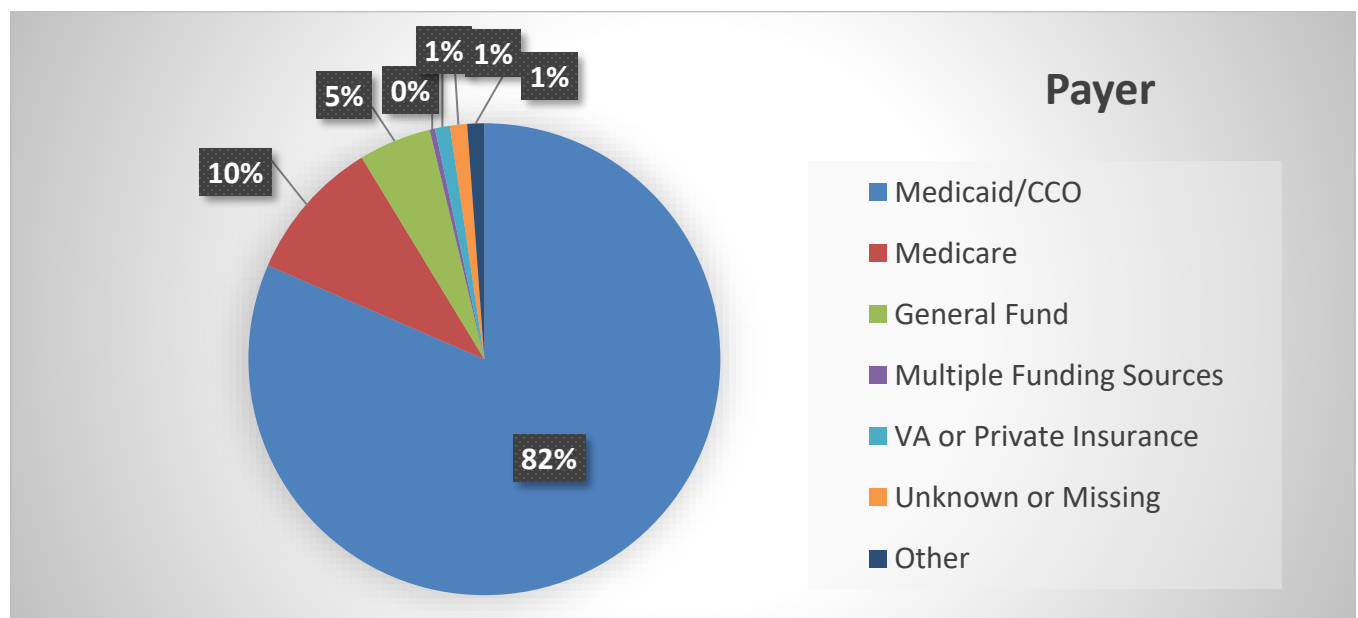
- 58% of ACT participants have a co-occurring substance use diagnosis.

- 2.8% are US Veterans.
- Legal status upon entry into ACT: Most ACT participants are not court involved (76%). Table 5 provides information for individuals involved with the courts. Eight percent were on parole and probation; Five percent were on trial visit. Four percent of ACT participants are involved with Mental Health Court or Jail Diversion programs, two percent were involved with Aid and Assist and one percent were on PSRB. A small number of individuals were still incarcerated at the time of enrollment.

Table 5: Legal Status	Number	%
None	1043	76%
Parole or Probation	111	8%
Jail Diversion or MH Court	57	4%
Psychiatric Security Review Board (PSRB)	19	1%
Civil Commitment or Trial Visit	73	5%
Aid and Assist	32	2%
Other	13	1%
Missing/Unknown	16	1%
Incarcerated	4	0%
	1368	100%

- The majority of ACT participants were funded by Medicaid (82%); Followed by Medicare (10%) and General Fund 5%. Less than one percent of individuals had multiple payer sources (usually Medicare supplemented by other funding sources) and one percent had VA or private insurance. One percent of ACT participant’s payer data was missing data or reported as unknown. Two 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 45
- Gender: 39% female; 59% male; 0.6% transfemale; 0.1% transmale; 1% other identified
- Racial and Ethnic breakdown: The majority of ACT participants are Caucasian (76%). Black clients represent 8% of ACT participants served; American Indians (4%) Asians (2%); and Hispanics (5%).

Table 6	Frequency	Percent
American Indian or Alaskan Native	52	4%
Arab	3	0%
Asian	28	2%
Black or African American	109	8%
Caucasian or White	1040	76%
Hispanic or Latino	74	5%
Pacific Islander or Native Hawaiian	15	1%
Other/Missing	47	3%
Total	1368	100%

- Marital Status: Single 76%; Separated or Divorced 18%; Married or Partnered 4%; Widowed 2%.
- Education level upon entry into ACT: Most ACT participants graduated from high school (47%). An additional 21% has achieved at least some college up to an advanced degree of Associates degree to Doctorate degree. See Table 7 for highest level of education upon entry into ACT.

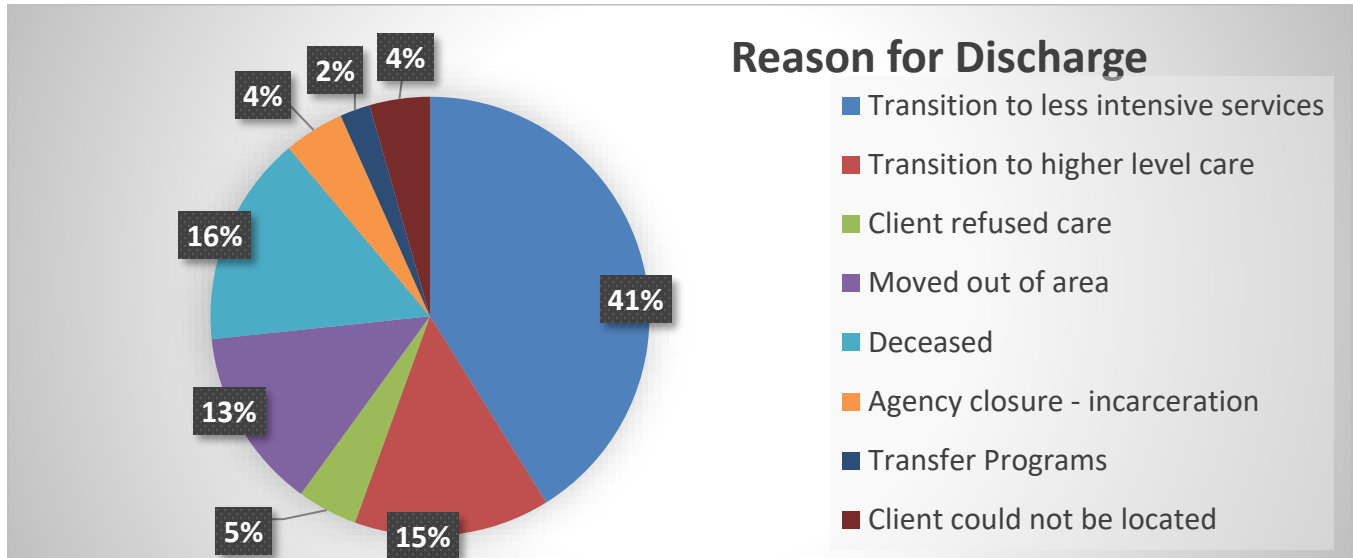
Table 7	Frequency	Percent
No formal education	18	1%
Grades 1-11	338	25%
High school completion	641	47%
Some college	210	15%
Associates degree	31	2%
Bachelor's degree	39	3%
Masters or doctorate	8	1%
Missing or Unknown	83	6%
Total	1368	100%

- Employment upon entry to ACT: 80% Unemployed; 5% working full or part-time; 1% retired; 0.2% students; 14.5% status unknown or other.

Table 8: Q1 ACT Utilization

ACT Program	Individuals Served	Individuals Discharged
Benton County Behavioral Health	71	9
Cascadia Clackamas	30	4
Cascadia FACT	47	4
Center for Human Development	17	4
Central City Concern Core 1	95	3
Central City Concern Core 2	76	1
Clatsop Behavioral Healthcare	21	2
Columbia Community Mental Health	37	4
Community Counseling Solutions	8	0
Compass/ADAPT	46	0
Coos Health and Wellness	37	4
Deschutes County Mental Health	44	0
Jackson County Mental Health	44	3
Klamath Basin Behavioral Health	52	4
Laurel Hill Center	68	9
Lifeways Malheur	14	3
LifeWorks NW	49	1
Linn County Mental Health	53	1
Marion County Mental Health	86	5
Mid-Columbia Center for Living	14	4
NARA Totem ACT	31	5
New Directions	9	3
Options for Southern Oregon - Josephine Co	43	1
Options for Southern Oregon - Jackson Co	32	1
Outside In	50	2
Polk County Mental Health	43	1
South Lane Mental Health	33	1
Symmetry Care	19	0
Telecare Corporation	121	4
Tillamook Family Counseling Center	8	1
Wallowa Valley Center for Wellness	22	2
Yamhill County Mental Health Team 1	48	4
Total	1368	90

Figure 4: ACT discharge reasons and transition to less intensive services (n=90)



The major reason ACT individuals were discharged from the ACT program were to transition to a less intensive services (41%). Fifteen percent transitioned to higher levels of care, 13% moved out of the service area, and 16% of individuals were deceased. A small percentage of closures were due to ACT programs not being able to locate participants, participants refusing care, participants were incarcerated, or they were transferred to other programs.

ACT Outcomes: Quarter 1 2022

Table 9: Living Arrangements

	Number	Percent
Apartment or Home	712	52%
Homeless, Transitional, Shelter	182	13%
Foster, Room & Board, Oxford	160	12%
Supported or Supportive Housing	125	9%
Residential Facility	95	7%
Institution or Hospital	43	3%
Prison or Jail	42	3%
Other	3	0%
Assisted Living Facility	3	0%
Respite	3	0%
Total	1368	100%

Table 10: Homelessness: 256 (19%) of ACT participants experienced homelessness in Quarter 1 2022.

	Number	Percent
0 Days	1112	81%
1-15 Days	20	1%
16-30 Days	17	1%
31-45 Days	10	1%
45 or more Days	209	15%
Total	1368	100%

Table 11: Homelessness by ACT program: Q1

ACT Program	Individuals Served	Homeless	% Homeless
Benton County Behavioral Health	71	12	17%
Cascadia Clackamas	30	5	17%
Cascadia FACT	47	29	62%
Center for Human Development	17	3	18%
Central City Concern Core 1	95	9	9%
Central City Concern Core 2	76	20	26%
Clatsop Behavioral Healthcare	21	2	10%
Columbia Community Mental Health	37	4	11%
Community Counseling Solutions	8	0	0%
Compass/ADAPT	46	11	24%
Coos Health and Wellness	37	7	19%
Deschutes County Mental Health	44	3	7%
Jackson County Mental Health	44	9	20%
Klamath Basin Behavioral Health	52	6	12%
Laurel Hill Center	68	11	16%
Lifeways Malheur	14	0	0%
LifeWorks NW	49	8	16%
Linn County Mental Health	53	13	25%
Marion County Mental Health	86	23	27%
Mid-Columbia Center for Living	14	3	21%
NARA Totem ACT	31	5	16%
New Directions	9	3	33%
Options for Southern Oregon Josephine County	43	3	7%
Options for Southern Oregon Jackson County	32	1	3%
Outside In	50	15	30%
Polk County Mental Health	43	9	21%
South Lane Mental Health	33	4	12%
Symmetry Care	19	0	0%
Telecare Corporation	121	28	23%
Tillamook Family Counseling Center	8	1	13%
Wallowa Valley Center for Wellness	22	0	0%

Yamhill County Mental Health Team 1	48	9	19%
Total	1368	256	19%

Emergency Room Utilization

- Psychiatric Emergency Room Use: 170 ACT participants (12%) had at least one psychiatric emergency room visit.
- Medical Emergency Room Use: 255 ACT participants (19%) had at least one medical ER visit.
- ER Use Combined: 352 (26%) of ACT participants used the ER for either psychiatric, medical or both.

Re-hospitalization: In Quarter 1, 154 (11.3%) of 1368 ACT participants had at least one hospitalization. These 154 individuals had a total of 199 hospitalizations. The breakdown of the types of hospitalization are listed below.

Among those total 199 hospitalizations:

- 111 (56%) were at a psychiatric unit in a hospital;
- 24 (12%) were at a subacute facility;
- 30 (15%) were at the Oregon State Hospital;
- 10 (5%) went to Residential Treatment;
- 24 (12%) other.

Table 12: Hospitalization and Psychiatric ER visits by ACT program: Q1

ACT Program	Individuals Served	Psych Inpatient	Percent Psych Inpatient	ER Use for Psych Reasons	Percent ER Use
Benton County Behavioral Health	71	7	10%	7	10%
Cascadia Clackamas	30	6	20%	7	23%
Cascadia FACT	47	9	19%	9	19%
Center for Human Development	17	1	6%	1	6%
Central City Concern Core 1	95	7	7%	13	14%
Central City Concern Core 2	76	6	8%	13	17%
Clatsop Behavioral Healthcare	21	2	10%	6	29%
Columbia Community Mental Health	37	1	3%	0	0%
Community Counseling Solutions	8	1	13%	2	25%
Compass/ADAPT	46	7	15%	8	17%
Coos Health and Wellness	37	1	3%	4	11%
Deschutes County Mental Health	44	7	16%	4	9%
Jackson County Mental Health	44	7	16%	8	18%
Klamath Basin Behavioral Health	52	11	21%	8	15%
Laurel Hill Center	68	4	6%	6	9%
Lifeways Malheur	14	2	14%	1	7%
LifeWorks NW	49	11	22%	10	20%
Linn County Mental Health	53	10	19%	3	6%
Marion County Mental Health	86	11	13%	14	16%
Mid-Columbia Center for Living	14	3	21%	3	21%
NARA Totem ACT	31	3	10%	4	13%
New Directions Behavioral Health and Wellness	9	0	0%	0	0%
Options for Southern Oregon Josephine County	43	3	7%	4	9%
Options for Southern Oregon Jackson County	32	0	0%	2	6%
Outside In	50	1	2%	3	6%
Polk County Mental Health	43	6	14%	10	23%
South Lane Mental Health	33	1	3%	1	3%
Symmetry Care	19	1	5%	1	5%
Telecare Corporation	121	17	14%	12	10%
Tillamook Family Counseling Center	8	0	0%	1	13%
Wallowa Valley Center for Wellness	22	0	0%	1	5%
Yamhill County Mental Health Team 1	48	8	17%	4	8%
Total	1368	154	11%	170	12%

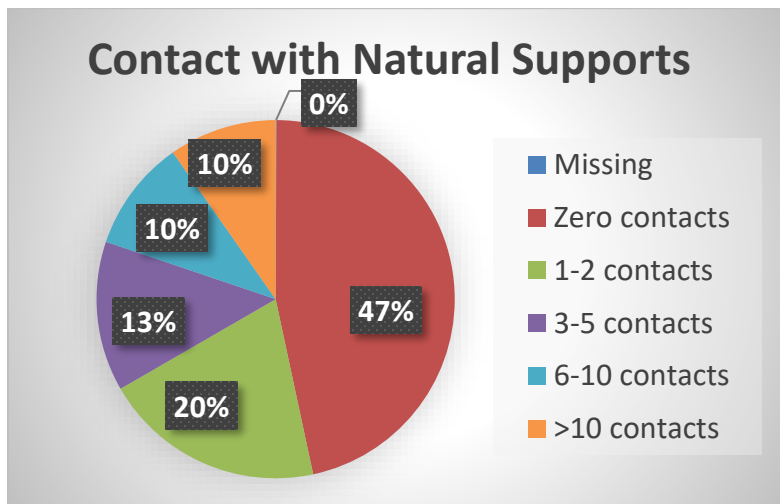
Arrests: The majority of ACT participants had zero arrests (1304, 95%). 59 individuals (4%) had 1-2 arrests; 5 had 3 or more arrests (1%).

Nights in Jails: 83 (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 3.3 for Quarter 1 2022 which averages to 1.1 contact a month per ACT participant.

Figure 5: Contact with Natural Supports



Number of Contacts	# Participants	Percentage
Zero contacts	637	46%
1-2 contacts	274	20%
3-5 contacts	185	14%
6-10 contacts	138	10%
>10 contacts	133	10%
Total	1368	100%

Table 13: Alcohol and Drug Use

Table 15	Number	Percent
None	552	40%
Once or twice	73	5%
At least once a month	89	7%
At least once a week	193	14%
Daily or almost daily	200	15%
Multiple times a day	102	7%
Unknown	159	12%
Total	1368	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 and take them (884, 65%), compared to 28% who are prescribed medications and do not take them. An additional 97 (7%) ACT participants are not prescribed medications.

Table 14: Likes and Takes medication cross-tabulation

	Takes Medications	
	Yes	No
Likes Medications		
Yes	715	35
No	169	352
	884	387

Table 15: 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	15	21%	5	33%
Cascadia Clackamas	30	7	23%	3	43%
Cascadia FACT	47	13	28%	2	15%
Center for Human Development	17	0	0%	0	0%
Central City Concern Core 1	95	6	6%	3	50%
Central City Concern Core 2	76	8	11%	2	25%
Clatsop Behavioral Healthcare	21	5	24%	3	60%
Columbia Community Mental Health	37	10	27%	0	0%
Community Counseling Solutions	8	3	38%	2	67%
Compass/ADAPT	46	0	0%	0	0%
Coos Health and Wellness	37	5	14%	3	60%
Deschutes County Mental Health	44	13	30%	8	62%
Jackson County Mental Health	44	8	18%	1	0%
Klamath Basin Behavioral Health	52	9	17%	3	33%
Laurel Hill Center	68	11	16%	7	64%
Lifeways Malheur	14	6	43%	3	50%
LifeWorks NW	49	8	16%	2	25%
Linn County Mental Health	53	0	0%	0	0%
Marion County Mental Health	86	20	23%	4	20%
Mid-Columbia Center for Living	14	1	7%	1	100%
NARA Totem ACT	31	4	13%	0	0%
New Directions	9	0	0%	0	0%
Options for Southern Oregon Josephine Co	43	14	33%	7	50%
Options for Southern Oregon Jackson Co	32	9	28%	4	44%
Outside In	50	21	42%	13	62%
Polk County Mental Health	43	8	19%	0	0%
South Lane Mental Health	33	5	15%	1	20%
Symmetry Care	19	3	16%	0	0%
Telecare Corporation	121	33	27%	8	24%
Tillamook Family Counseling Center	8	4	50%	0	0%
Wallowa Valley Center for Wellness	22	9	41%	3	33%
Yamhill County Mental Health Team 1	48	11	23%	5	45%
Total	1368	269	20%	93	35%

In Table 15 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, 20% 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 35% employment rate among those enrolled in SE.

Enrolled in School: 29 ACT participants (2.1%) were enrolled in a degree seeking program such as GED, community college, four-year degree or vocational training.

Quarter 1 2022 Summary

- Overall the re-hospitalization rate was 11%.
- ER utilization for ACT participants was 12%.
- 5% of ACT participants had one or more arrests and 6% spent at least one night in jail.
- SE enrollment was 20% of ACT participants of those enrolled in SE, 35% worked in competitive jobs.
- Rate of homelessness was moderate at 19%.
- Alcohol or Drug use: 22% of ACT participants used drugs daily or multiple times a day.
- Medication adherence: 65% 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 2, 3 & 4 2021 and Quarter 1 2022

