

# Oregon ACT Programs: Summary Statistics

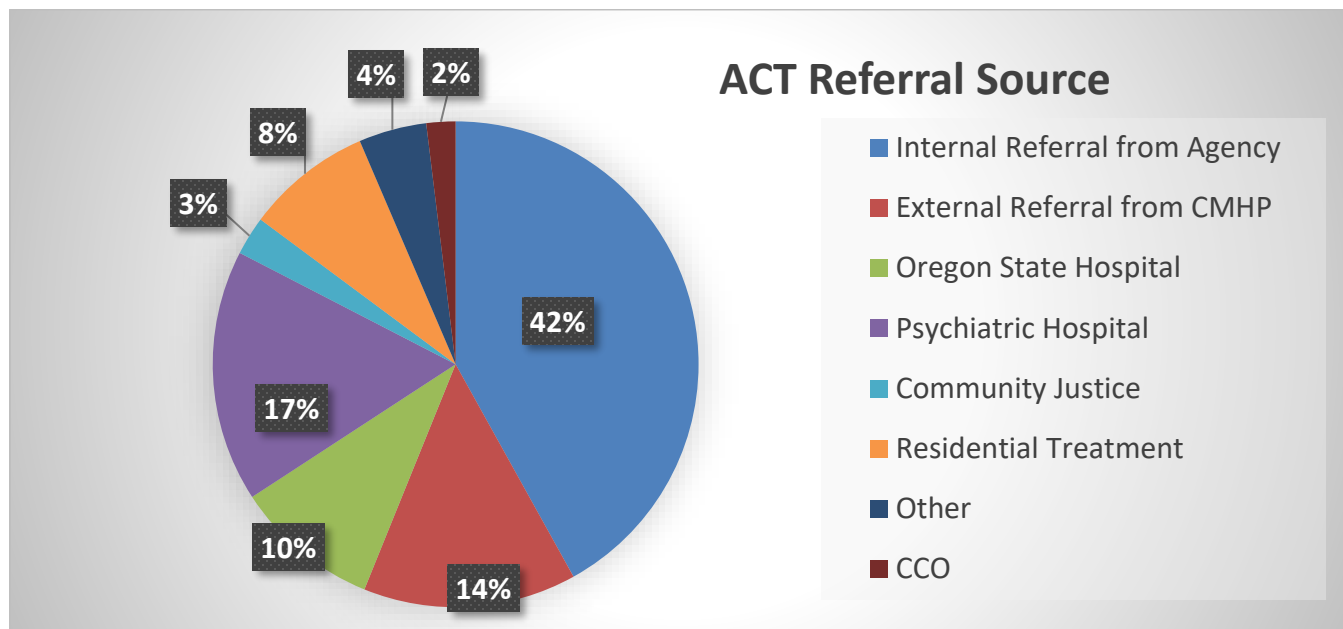
## Quarter 4 2021

Presented at the OCEACT Advisory Committee Meeting 4/14/2022

### Referrals to ACT

- In Quarter 4 2021, the total number of referrals to ACT programs statewide was 105. An additional 50 individuals had been referred to ACT in prior quarters, 43 of which the ACT determination was decided in Quarter 4 and 7 of which are still pending for a total of 155 referrals under consideration in Quarter 4.
  - The median age of individuals referred was 39
  - The majority were male (57%), 41% female, 1% 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, 42%). The second largest referral source to ACT programs were external referrals from community based psychiatric hospitals (17%). Fourteen percent of ACT referrals were from other external Community Mental Health Providers (CMHPs) and 10% were from the Oregon State Hospital. The remaining 18% (combined) came from community organizations, community justice, and others including medical providers, and CCO's.

**Figure 1 ACT Referral Sources Q4 2021**



- Overall, the average number of days from ACT referral to date of determination was 41; the median length of time from referral to determination was 17 days, the minimum was 0 and the maximum was 379. 28% of referrals were determined in 7 days or less.
- **ACT Admissions:** Of the total 155 referrals, 34% were accepted into ACT programs, 41% 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	5	2	40%	3	60%	0	0%
Cascadia Clackamas	11	3	27%	3	27%	5	45%
Cascadia FACT	3	2	67%	1	33%	0	0%
Center for Human Development	1	1	100%	0	0%	0	0%
Central City Concern	12	4	33%	7	58%	1	8%
Clatsop Behavioral Healthcare	2	0	0%	1	0%	1	0%
Columbia Community Mental Health	7	3	43%	4	57%	0	0%
Community Counseling Solutions	1	1	100%	0	0%	0	0%
Compass/ADAPT	14	4	29%	3	21%	7	50%
Coos County Mental Health	9	6	67%	2	22%	1	11%
Deschutes County Mental Health	1	1	0%	0	0%	0	0%
Jackson County Mental Health	8	1	13%	4	50%	3	38%
Klamath Basin Behavioral Health	6	2	33%	4	67%	0	0%
Laurel Hill Center	23	2	9%	14	61%	7	30%
Lifeways	7	6	86%	1	14%	0	0%
LifeWorks Northwest	5	0	0%	2	40%	3	60%
Linn County Mental Health	4	2	50%	0	0%	2	50%
Marion County Mental Health	8	2	25%	4	50%	2	25%
Mid-Columbia Center for Living	0	0	0%	0	0%	0	0%
NARA Northwest	0	0	0%	0	0%	0	0%
New Directions	2	2	0%	0	0%	0	0%

Options for Southern Oregon	3	2	67%	0	0%	1	33%
Outside In	1	0	0%	0	0%	1	100%
Polk County Mental Health	8	2	25%	4	50%	2	25%
South Lane Mental Health	0	0	0%	0	0%	0	0%
Symmetry Care	0	0	0%	0	0%	0	0%
Telecare Corporation	8	2	25%	4	50%	2	25%
Tillamook Family Counseling Center	0	0	0%	0	0%	0	0%
Wallowa Valley Center for Wellness	1	1	0%	0	0%	0	0%
Yamhill County Mental Health	5	2	40%	3	60%	0	0%
<b>TOTAL</b>	<b>155</b>	<b>53</b>	<b>34%</b>	<b>64</b>	<b>41%</b>	<b>38</b>	<b>25%</b>

**Table 3: Reasons an Individual Was Not Accepted to ACT (n=64)**

	Number	%
Client or guardian declined services	10	16%
Referral cancelled or withdrawn	10	16%
Doesn't meet functional impairment criteria	8	13%
Dangerous behavior	3	5%
Can't locate	9	14%
Doesn't meet diagnostic criteria	11	17%
Insurance issues	2	3%
Client moved out of geographic location	1	2%
Needs Higher Level of Care	3	5%
Other	7	11%
	64	100%

**Aid and Assist Referrals:** Of the referrals made to ACT, 17 (11%) were on Aid and Assist. Of those on Aid and Assist, 4 were enrolled into ACT, 8 were not enrolled and 3 were still pending at the end of Q4 2021.

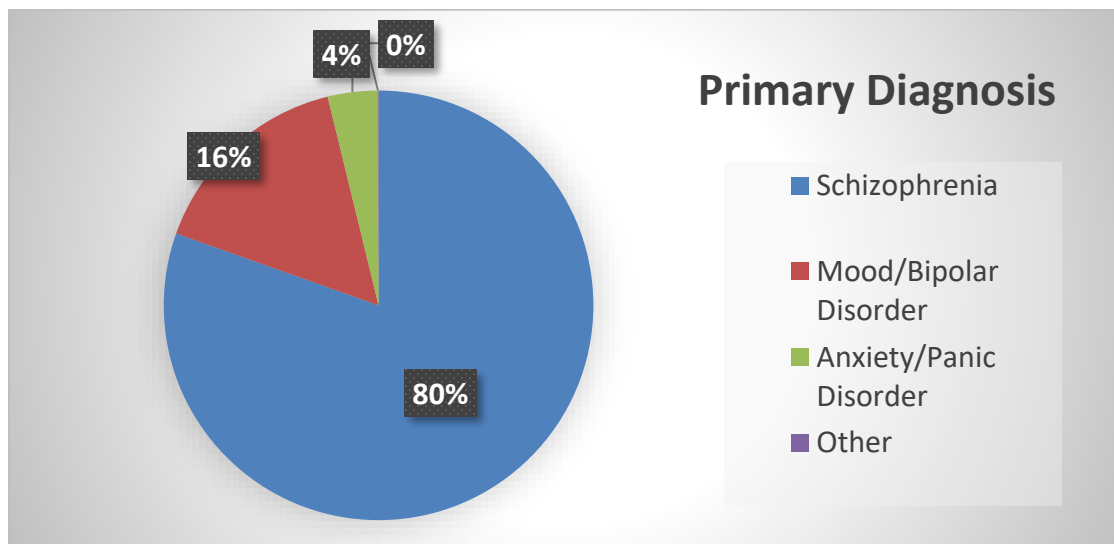
**Table 4: Reasons Individuals on Aid and Assist Were Not Enrolled in ACT (N=8)**

	Number	%
Unable to locate	3	38%
Agency or client withdrew referral	2	25%
Dangerous behaviors which cannot be managed in community setting	1	13%
Client declines ACT services	1	13%
Doesn't meet functional impairment criteria according to national program standards for ACT programs	1	13%
<b>Total</b>	<b>8</b>	<b>100%</b>

Who was served by ACT?

- Total number of ACT participants served in Quarter 4 2021 was 1364.
- All but one 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). One participant had a substance use disorder at primary diagnosis.

**Figure 2: Primary Diagnosis**



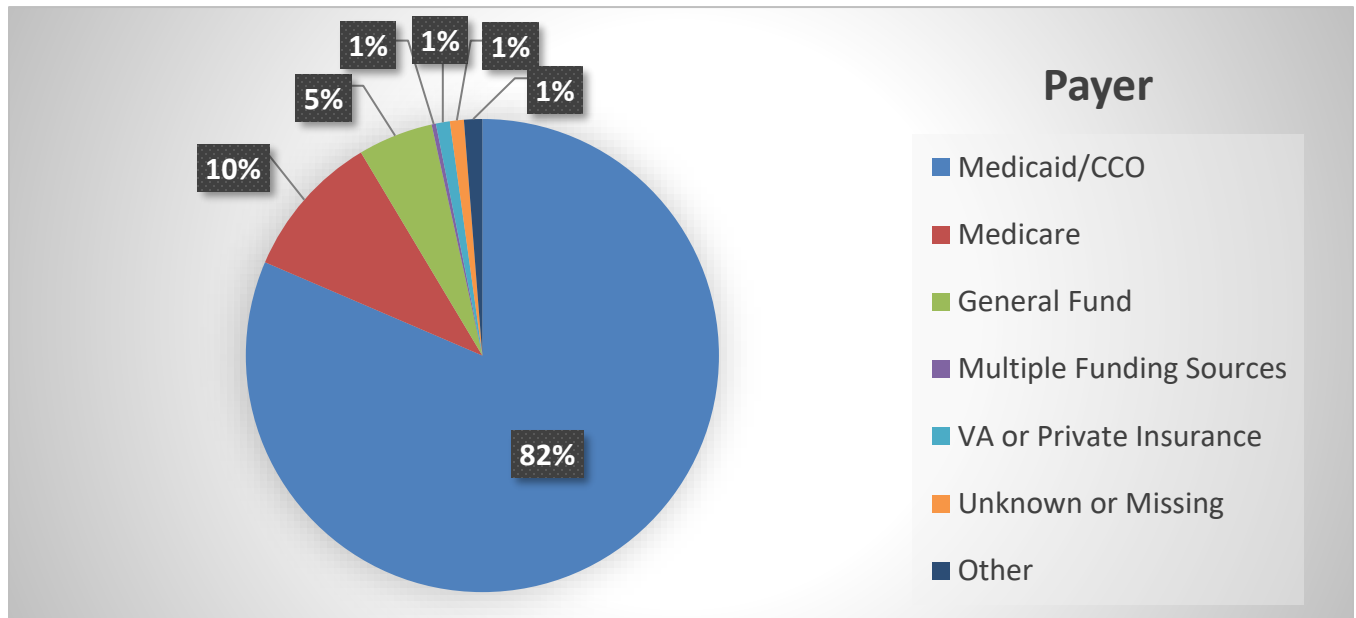
- 58% of ACT participants have a co-occurring substance use diagnosis.
- 2.6% are US Veterans.
- Legal status upon entry into ACT: Most ACT participants are not court involved (76%). Table 5 provides information for individuals involved with the courts. Nine percent were on parole and probation; Five

were present 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 two percent were on PSRB. A small number of individuals enrolled into ACT either incarcerated, waiting for pending charges, with warrants, or registered as sex offenders.

	Number	%
None	1039	76%
Parole or Probation	117	9%
Jail Diversion or MH Court	58	4%
Psychiatric Security Review Board (PSRB)	21	2%
Civil Commitment or Trial Visit	70	5%
Aid and Assist	29	2%
Other	15	1%
Missing/Unknown	12	1%
Incarcerated	3	0%
	1364	100%

- The majority of ACT participants were funded by Medicaid (82%); Followed by Medicare (10%) and General Fund 5%. 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. 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
- Gender: 39% female; 60% male; 0.5% 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	55	4%
Arab	3	0%
Asian	27	2%
Black or African American	108	8%
Caucasian or White	1042	76%
Hispanic or Latino	72	5%
Pacific Islander or Native Hawaiian	14	1%
Other/Missing	43	3%
Total	1364	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 22% 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.

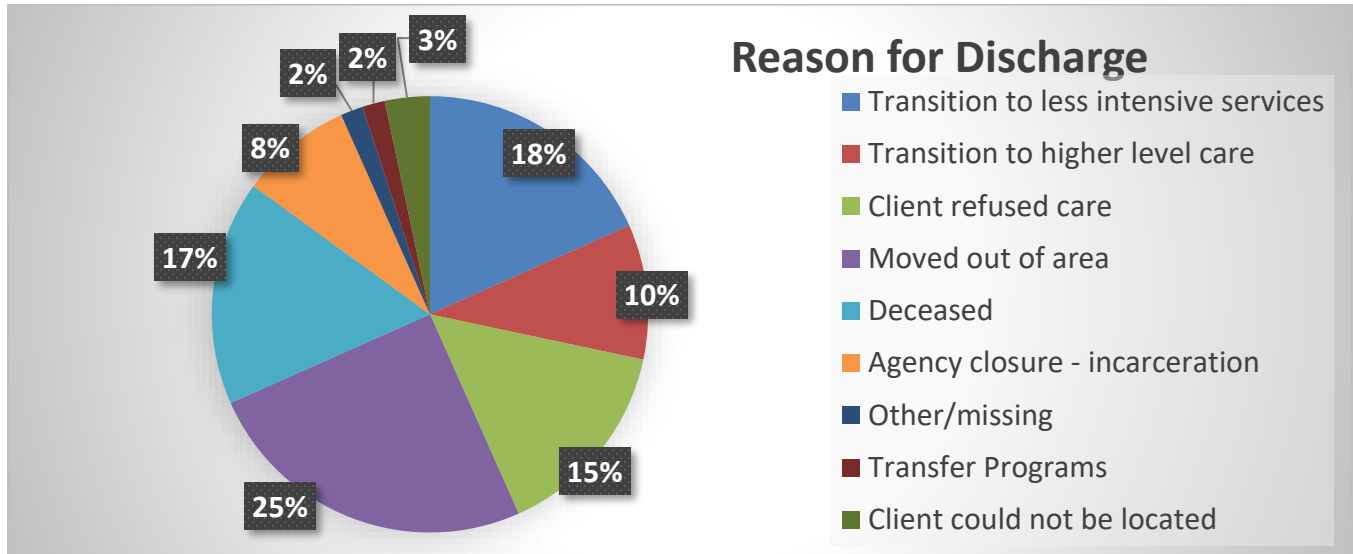
Table 7	Frequency	Percent
No formal education	18	1%
Grades 1-11	342	25%
High school completion	635	47%
Some college	213	16%
Associates degree	31	2%
Bachelor's degree	38	3%
Masters or doctorate	7	1%
Missing or Unknown	80	6%
Total	1364	100%

Employment upon entry to ACT: 80% Unemployed; 4% working full or part-time; 1% retired; 0.2% students; 15% status unknown or other.

**Table 8: Q4 ACT Utilization**

ACT Program	Individuals Served	Individuals Discharged
Benton County Behavioral Health	70	3
Cascadia Clackamas	33	4
Cascadia FACT	49	2
Center for Human Development	15	0
Central City Concern Core 1	97	2
Central City Concern Core 2	73	0
Clatsop Behavioral Healthcare	20	1
Columbia Community Mental Health	39	2
Community Counseling Solutions	7	1
Compass/ADAPT	48	4
Coos Health and Wellness	38	2
Deschutes County Mental Health	46	2
Jackson County Mental Health	42	1
Klamath Basin Behavioral Health	54	7
Laurel Hill Center	69	7
Lifeways Malheur	13	3
LifeWorks NW	51	3
Linn County Mental Health	46	0
Marion County Mental Health	84	1
Mid-Columbia Center for Living	15	0
NARA Totem ACT	31	1
New Directions	11	2
Options for Southern Oregon - Josephine Co	43	2
Options for Southern Oregon - Jackson Co	29	0
Outside In	48	3
Polk County Mental Health	39	1
South Lane Mental Health	33	0
Symmetry Care	18	1
Telecare Corporation	120	2
Tillamook Family Counseling Center	11	0
Wallowa Valley Center for Wellness	24	2
Yamhill County Mental Health Team 1	48	1
Total	1364	60

**Figure 4: ACT discharge reasons and transition to less intensive services (n=60)**



The major reasons ACT individuals were discharged from the ACT program included moving out of the service area and transitioning to less intensive services. However, 17% were deceased, 15% refused to continue ACT services, and 10% transitioned to a higher level of care. 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 4 2021**

**Table 9: Living Arrangements**

Table 8	Number	Percent
Apartment or Home	702	51%
Homeless, Transitional, Shelter	200	15%
Foster, Room & Board, Oxford	163	12%
Supported or Supportive Housing	126	9%
Residential Facility	79	6%
Institution or Hospital	43	3%
Prison or Jail	39	3%
Other	7	1%
Assisted Living Facility	4	0%
Respite	1	0%
Total	1364	100%



**Table 10: Homelessness:** 276 (20%) of ACT participants experienced homelessness in Quarter 4 2021.

Table 9	Number	Percent
0 Days	1088	80%
1-15 Days	23	2%
16-30 Days	19	1%
31-45 Days	11	1%
45 or more Days	223	16%
Total	1364	100%

**Table 11: Homelessness by ACT program: Q4**

ACT Program	Individuals Served	Homeless	% Homeless
Benton County Behavioral Health	70	11	16%
Cascadia Clackamas	33	4	12%
Cascadia FACT	49	29	59%
Center for Human Development	15	1	7%
Central City Concern Core 1	97	7	7%
Central City Concern Core 2	73	21	29%
Clatsop Behavioral Healthcare	20	4	20%
Columbia Community Mental Health	39	4	10%
Community Counseling Solutions	7	0	0%
Compass/ADAPT	48	12	25%
Coos Health and Wellness	38	11	29%
Deschutes County Mental Health	46	4	9%
Jackson County Mental Health	42	13	31%
Klamath Basin Behavioral Health	54	6	11%
Laurel Hill Center	69	15	22%
Lifeways Malheur	13	3	23%
LifeWorks NW	51	12	24%
Linn County Mental Health	46	10	22%
Marion County Mental Health	84	25	30%
Mid-Columbia Center for Living	15	4	27%
NARA Totem ACT	31	6	19%
New Directions	11	3	27%
Options for Southern Oregon Josephine County	43	4	9%
Options for Southern Oregon Jackson County	29	0	0%
Outside In	48	14	29%
Polk County Mental Health	39	9	23%
South Lane Mental Health	33	4	12%
Symmetry Care	18	1	6%

ACT Program	Individuals Served	Homeless	% Homeless
Telecare Corporation	120	28	23%
Tillamook Family Counseling Center	11	1	9%
Wallowa Valley Center for Wellness	24	0	0%
Yamhill County Mental Health Team 1	48	10	21%
Total	1364	276	20%

### Emergency Room Utilization

- Psychiatric Emergency Room Use: 167 ACT participants (12%) had at least one psychiatric emergency room visit.
- Medical Emergency Room Use: 247 ACT participants (18%) had at least one medical ER visit.
- ER Use Combined: 337 (25%) of ACT participants used the ER for either psychiatric, medical or both.

**Re-hospitalization:** In Quarter 4, 154 (11%) of 1364 ACT participants had at least one hospitalization. These 154 individuals had a total of 188 hospitalizations. The breakdown of the types of hospitalization are listed below.

Among those total 188 hospitalizations:

- 112 (60%) were at a psychiatric unit in a hospital;
- 19 (10%) were at a subacute facility;
- 28 (15%) were at the Oregon State Hospital;
- 14 (7%) went to Residential Treatment;
- 15 (8%) other.

**Table 12: 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	70	6	9%	7	10%
Cascadia Clackamas	33	6	18%	6	18%
Cascadia FACT	49	6	12%	11	22%
Center for Human Development	15	0	0%	0	0%
Central City Concern Core 1	97	14	14%	9	9%
Central City Concern Core 2	73	13	18%	15	21%
Clatsop Behavioral Healthcare	20	3	15%	3	15%
Columbia Community Mental Health	39	1	3%	3	8%
Community Counseling Solutions	7	0	0%	0	0%
Compass/ADAPT	48	4	8%	9	19%
Coos Health and Wellness	38	0	0%	6	16%
Deschutes County Mental Health	46	11	24%	6	13%
Jackson County Mental Health	42	8	19%	6	14%
Klamath Basin Behavioral Health	54	8	15%	11	20%
Laurel Hill Center	69	5	7%	7	10%
Lifeways Malheur	13	2	15%	2	15%
LifeWorks NW	51	9	18%	8	16%
Linn County Mental Health	46	5	11%	4	9%
Marion County Mental Health	84	10	12%	9	11%
Mid-Columbia Center for Living	15	0	0%	0	0%
NARA Totem ACT	31	6	19%	6	19%
New Directions Behavioral Health and Wellness	11	2	18%	1	9%
Options for Southern Oregon Josephine County	43	1	2%	3	7%
Options for Southern Oregon Jackson County	29	1	3%	0	0%
Outside In	48	1	2%	4	8%
Polk County Mental Health	39	3	8%	7	18%
South Lane Mental Health	33	4	12%	4	12%
Symmetry Care	18	1	6%	0	0%
Telecare Corporation	120	13	11%	12	10%
Tillamook Family Counseling Center	11	1	9%	1	9%
Wallowa Valley Center for Wellness	24	1	4%	1	4%
Yamhill County Mental Health Team 1	48	9	19%	6	13%
Total	1364	154	11%	167	12%

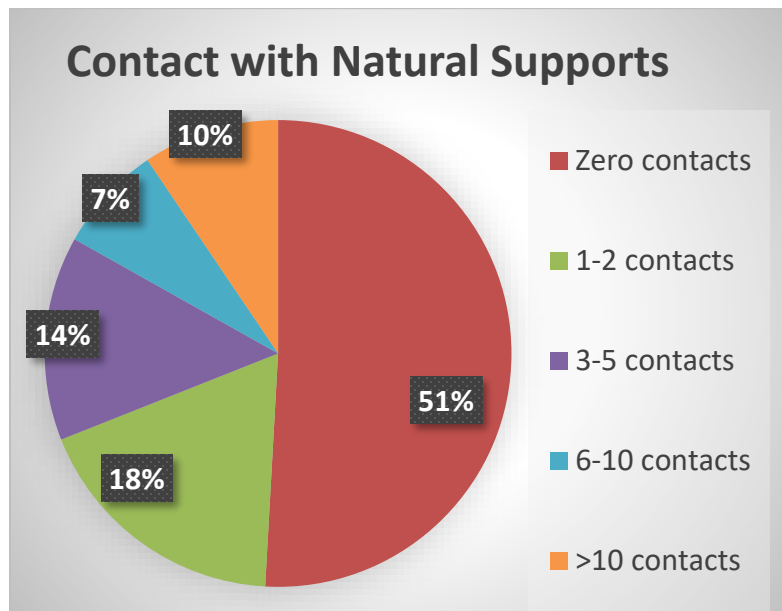
**Arrests:** The majority of ACT participants had zero arrests (1281, 94%). 83 individuals (6%) had 1-2 arrests; Zero individuals had more than 2 arrests in the quarter.

**Nights in Jails:** 95 (7%) 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 3.1 for Quarter 4 2021 which averages to 1 contact a month per ACT participant.

**Figure 5: Contact with Natural Supports**



Zero contacts	694	51%
1-2 contacts	247	18%
3-5 contacts	193	14%
6-10 contacts	101	7%
>10 contacts	129	9%
Total	1364	100%

**Table 13: Alcohol and Drug Use**

None	530	39%
Once or twice	78	6%
At least once a month	96	7%
At least once a week	172	13%
Daily or almost daily	204	15%
Multiple times a day	91	7%
Unknown	193	14%
	1364	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 (1052, 77%), compared to 16% who are prescribed medications and do not take them. An additional 95 (7%) ACT participants are not prescribed medications.

**Table 14: Likes and Takes medication cross-tabulation**

	<b>Takes Medications</b>	
<b>Likes Medications</b>	<b>Yes</b>	<b>No</b>
<b>Yes</b>	707	42
<b>No</b>	345	175
	1052	217

**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	70	20	29%	4	20%
Cascadia Clackamas	33	3	9%	2	67%
Cascadia FACT	49	10	20%	0	0%
Center for Human Development	15	1	7%	0	0%
Central City Concern Core 1	97	9	9%	3	33%
Central City Concern Core 2	73	9	12%	0	0%
Clatsop Behavioral Healthcare	20	4	20%	3	75%
Columbia Community Mental Health	39	10	26%	0	0%
Community Counseling Solutions	7	1	14%	1	100%
Compass/ADAPT	48	0	0%	0	0%
Coos Health and Wellness	38	9	24%	4	44%
Deschutes County Mental Health	46	13	28%	7	54%
Jackson County Mental Health	42	0	0%	0	0%
Klamath Basin Behavioral Health	54	16	30%	2	13%
Laurel Hill Center	69	18	26%	6	33%
Lifeways Mahleur	13	7	54%	4	57%
LifeWorks NW	51	13	25%	3	23%
Linn County Mental Health	46	20	43%	2	10%
Marion County Mental Health	84	27	32%	7	26%
Mid-Columbia Center for Living	15	3	20%	1	33%
NARA Totem ACT	31	6	19%	1	0%
New Directions	11	2	18%	1	50%
Options for Southern Oregon Josephine Co	43	12	28%	5	42%
Options for Southern Oregon Jackson Co	29	8	28%	6	75%
Outside In	48	15	31%	13	87%
Polk County Mental Health	39	7	18%	2	29%
South Lane Mental Health	33	5	15%	1	20%
Symmetry Care	18	3	17%	1	33%
Telecare Corporation	120	35	29%	7	20%
Tillamook Family Counseling Center	11	4	36%	0	0%
Wallowa Valley Center for Wellness	24	10	42%	3	30%
Yamhill County Mental Health Team 1	48	10	21%	6	60%
Total	1364	310	23%	95	31%

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, 23% 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 31% employment rate among those enrolled in SE.

Enrolled in School: 23 ACT participants (1.7%) were enrolled in a degree seeking program such as GED, community college, four-year degree or vocational training.

### **Quarter 4 2021 Summary**

- Overall the re-hospitalization rate was 11%.
- ER utilization for ACT participants was 12%.
- 6% of ACT participants had one or more arrests and 7% spent at least one night in jail.
- SE enrollment was 23% of ACT participants of those enrolled in SE, 31% 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: 77% 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 1, 2, 3 & 4 2021

