

# Oregon ACT Programs: Summary Statistics

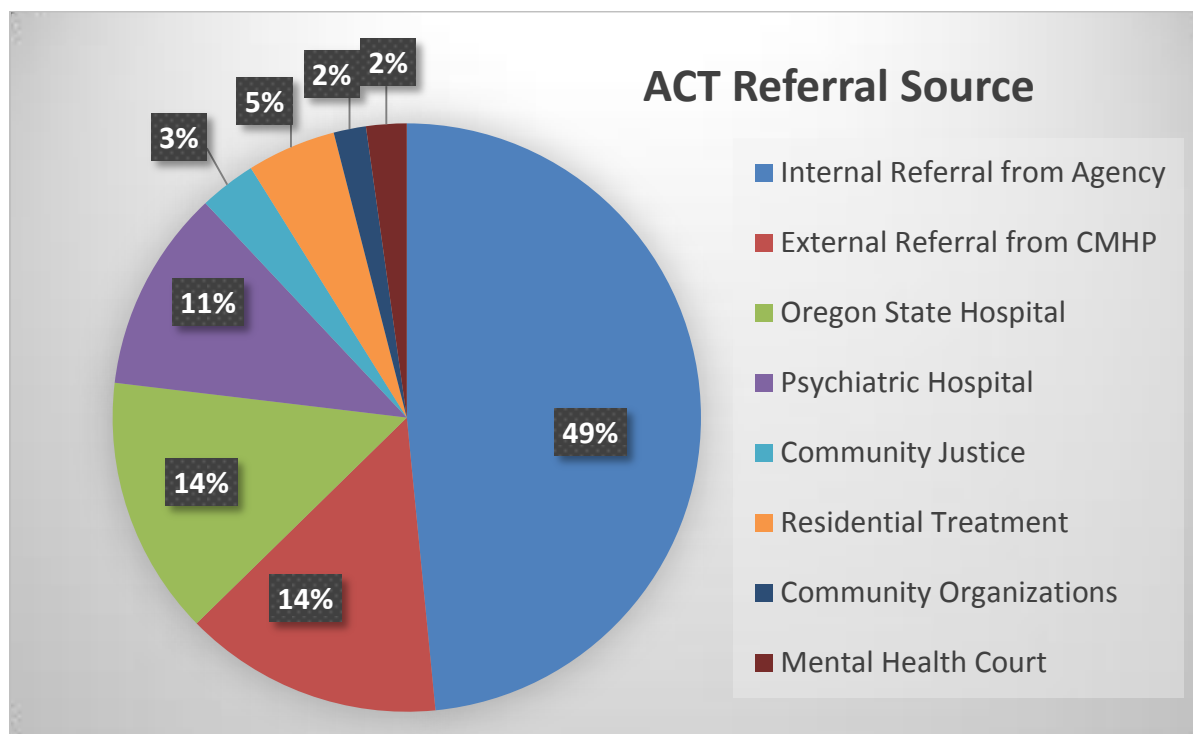
## Quarter 1 2019

Presented at the OCEACT Advisory Committee Meeting 7/11/2019

### Referrals to ACT

- In Quarter 1 2019, the total number of referrals to ACT programs statewide was 179. An additional 46 individuals had been referred to ACT in prior quarters and the ACT determination was decided in Quarter 1 for a total of 225 referrals under consideration in Quarter 1.
  - The median age of individuals referred was 39.0
  - The majority were male (57%), 41% female, 1% transfemale, and 1% non-binary.
- 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, 49%). The second largest referral source to ACT programs were external referrals from other Community Mental Health Providers (CMHPs) (14%). Eleven percent of ACT referrals were from community based psychiatric hospitals and 14% were from the Oregon State Hospital. The remaining 12% (combined) came from community organizations included medical providers, private therapists and vocational rehabilitation, mental health court and family members.

**Figure 1 ACT Referral Sources Q1 2019**



- Overall, the average number of days from ACT referral to date of determination was 21; the median length of time from referral to determination was 10 days, the minimum was 0 and the maximum was 98. 38% of referrals were determined in 7 days or less.
- **ACT Admissions:** Of the total 225 referrals, 55% were accepted into ACT programs, 37% were denied and 8% 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	23	12	52%	10	43%	1	4%
Cascadia FACT	10	3	30%	5	50%	2	20%
Center for Human Development	0						
Central City Concern	16	7	44%	7	44%	2	13%
Clatsop Behavioral Healthcare	2	2	100%	0	0%	0	0%
Columbia Community Mental Health	7	5	71%	2	29%	0	0%
Community Counseling Solutions	2	2	100%	0	0%	0	0%
Compass/ADAPT	13	6	46%	7	54%	0	0%
Coos County Mental Health	3	2	67%	1	33%	0	0%
Deschutes County Mental Health	3	2	67%	1	33%	0	0%
Jackson County Mental Health	2	1	50%	1	50%	0	0%
Klamath Basin Behavioral Health	11	6	55%	5	45%	0	0%
Laurel Hill Center	8	8	100%	0	0%	0	0%
Lifeways	1	1	100%	0	0%	0	0%
LifeWorks Northwest	17	8	47%	9	53%	0	0%
Linn County Mental Health	8	8	100%	0	0%	0	0%
Marion County Mental Health	10	5	50%	4	40%	1	10%
Mid-Columbia Center for Living	1	1	100%	0	0%	0	0%

ACT AGENCY	Number of Referrals	Enrolled In ACT	% Enrolled in ACT	Not Enrolled	% Not Enrolled	Pending	% Pending
NARA Northwest	7	3	43%	3	0%	1	14%
New Directions	11	10	91%	1	9%	0	0%
Options for Southern Oregon	4	4	100%	0	0%	0	0%
Outside In	7	3	8%	2	29%	2	29%
Polk County Mental Health	6	1	17%	5	83%	0	0%
South Lane Mental Health	1	0	0%	1	100%	0	0%
Symmetry Care	2	2	100%	0	0%	0	0%
Telecare Corporation	28	8	29%	15	54%	5	18%
Tillamook Family Counseling Center	5	3	60%	2	40%	0	0%
Wallowa Valley Center for Wellness	4	3	75%	1	25%	0	0%
Yamhill County Mental Health	9	4	44%	2	22%	3	33%
<b>TOTAL</b>	<b>225</b>	<b>124</b>	<b>55%</b>	<b>84</b>	<b>37%</b>	<b>17</b>	<b>8%</b>

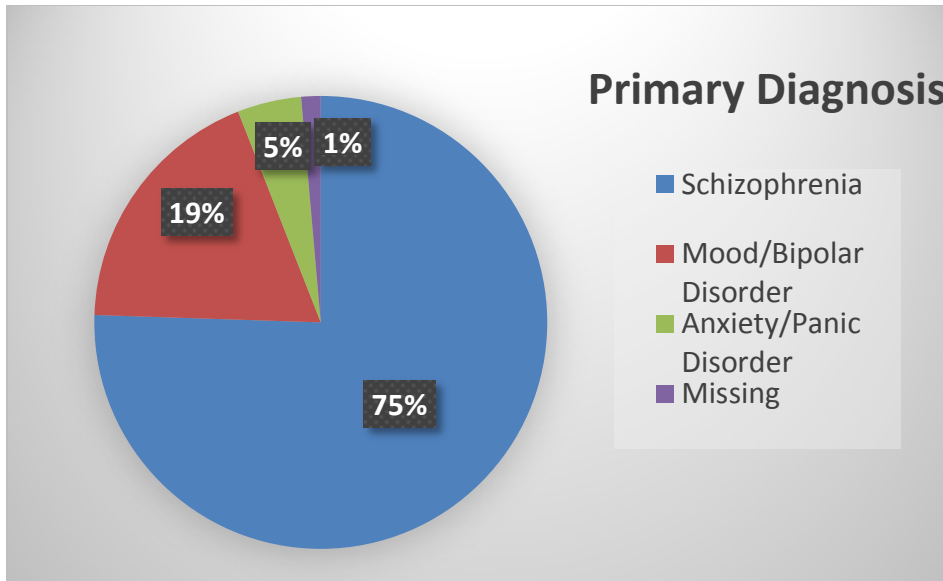
**Table 3: Reasons an Individual Was Not Accepted to ACT (n=84)**

	Number	%
Client or guardian declined services	8	10%
Doesn't meet functional impairment	12	14%
Doesn't meet diagnostic criteria	22	26%
Referral pulled/not ready	3	4%
Accepted into another program	3	4%
Client accepted to residential care	10	12%
ACT team doesn't have capacity	0	0%
Dangerous behavior	5	6%
Insurance issues	2	2%
Medical condition can't manage in community	4	5%
Can't locate	5	6%
Other	10	12%
	84	100%

## Who was served by ACT?

- Total number of ACT participants served in Quarter 1 2019 was 1311.
- All 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).

**Figure 2: Primary Diagnosis**

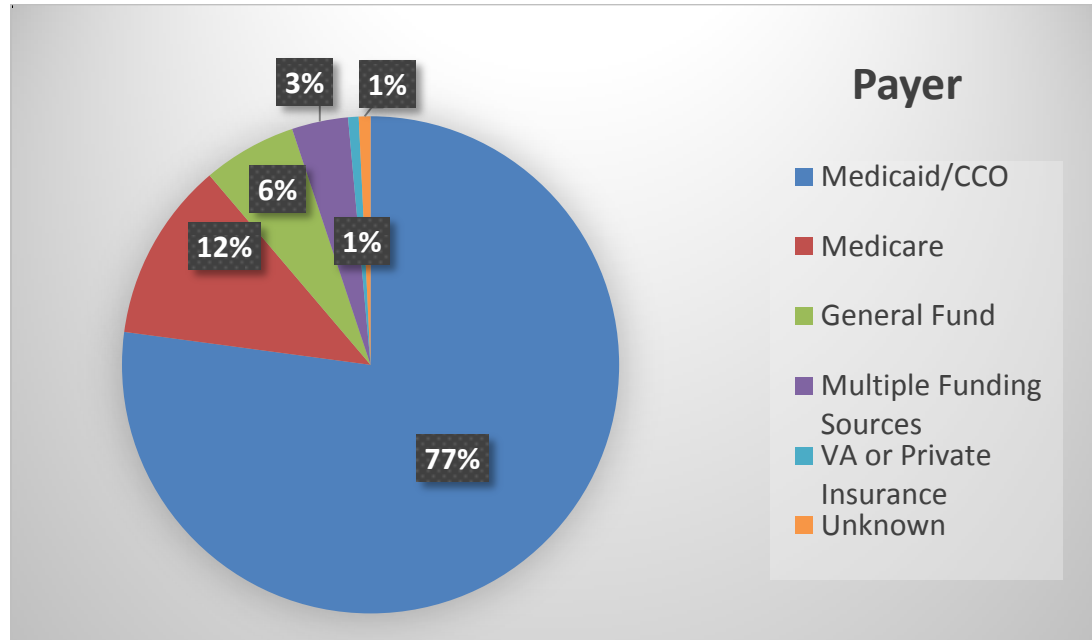


- 52% of ACT participants have a co-occurring substance use diagnosis.
- 2.6% are US Veterans.
- Legal status upon entry into ACT: Most ACT participants are not court involved (79%). 5 % of ACT participants are involved with Mental Health Court or Jail Diversion programs, 7% are on other forms of parole or probation and 2% were on PSRB.

	Number	%
None	1037	79%
Parole or Probation	95	7%
Jail Diversion or MH Court	61	5%
Psychiatric Security Review Board (PSRB)	26	2%
Civil Commitment or Trial Visit	44	3%
Aid and Assist	11	1%
Other	17	1%
Missing/Unknown	13	1%
Incarcerated	7	1%
	1311	100%

- The majority of ACT participants were funded by Medicaid (77%); Followed by Medicare (12%) and General Fund 6%. Three percent of individuals had multiple payer sources, usually Medicare supplemented by other funding sources. One percent of ACT participant’s payer data was missing data.

**Figure 3: Primary Insurance or Payer Type**



### Demographics of ACT Participants

- The median age of ACT participants was 43.6.
- Gender: 40% female; 59% male; 0.3% transfemale; 0.2% transmale; 0.5% 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	70	5%
Arab	3	0%
Asian	39	3%
Black or African American	90	7%
Caucasian or White	1007	77%
Hispanic or Latino	50	4%
Pacific Islander or Native Hawaiian	14	1%
Other/Missing	38	3%
Total	1311	100%

- Marital Status: Single 74%; Separated or Divorced 19%; Married or Partnered 5%; 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 associate degree to doctorate degree. See Table 6 for highest level of education upon entry into ACT.

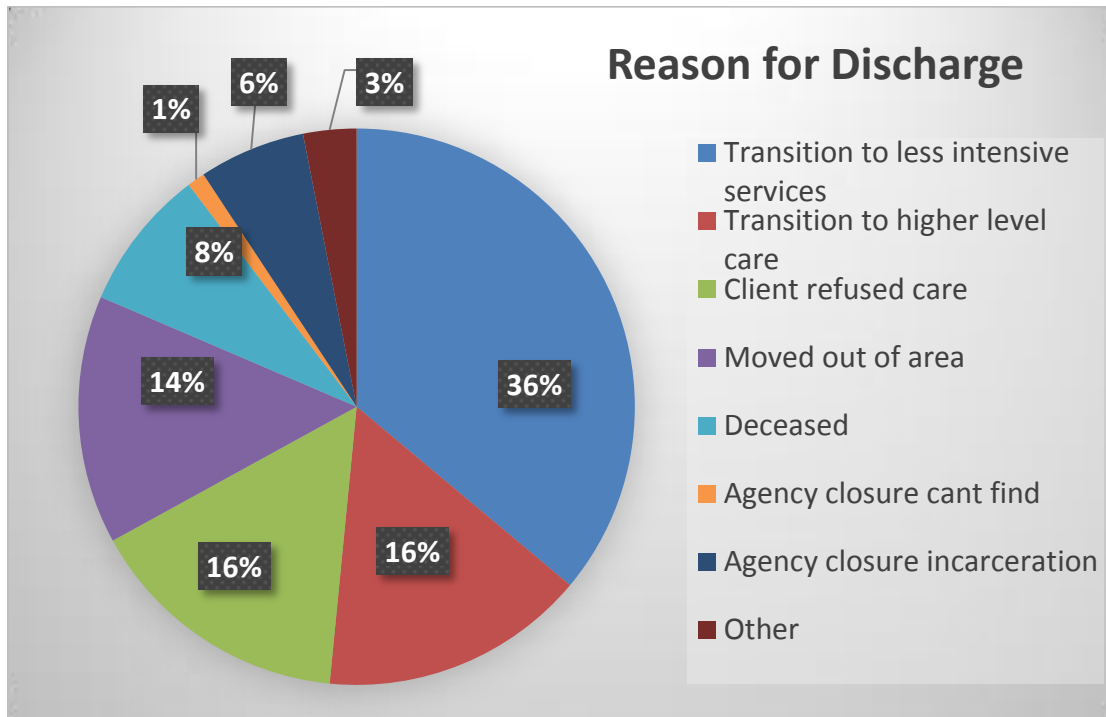
Table 6	Frequency	Percent
No formal education	22	2%
Grades 1-11	309	24%
High school completion	580	44%
Some college	236	18%
Associates degree	28	2%
Bachelor's degree	41	3%
Masters or doctorate	10	1%
Other	8	1%
Missing	77	6%
Total	1311	100%

- Employment upon entry to ACT: 78% Unemployed; 5% working full or part-time; 1% retired; 1% students; 15% status unknown or other.

**Table 7: Q1 ACT Utilization**

ACT Program	Individuals Served	Individuals Discharged
Benton County Behavioral Health	69	3
Cascadia Clackamas	24	2
Cascadia FACT	41	6
Center for Human Development	11	0
Central City Concern Core 1	100	0
Central City Concern Core 2	61	4
Clatsop Behavioral Healthcare	19	1
Columbia Community Mental Health	44	10
Community Counseling Solutions	9	2
Compass/ADAPT	32	0
Coos County Mental Health	12	0
Deschutes County Mental Health	41	1
Jackson County Mental Health	49	4
Klamath Basin Behavioral Health	32	1
Laurel Hill Center_ Original	80	9
Laurel Hill Center_ Expansion	37	4
Lifeways Mahleur	10	2
Lifeways Umatilla	17	4
LifeWorks NW	30	0
Linn County Mental Health	47	6
Marion County Mental Health	80	4
Mid-Columbia Center for Living	21	3
NARA Totem ACT	35	0
New Directions	10	1
Options for Southern Oregon	72	1
Outside In	48	12
Polk County Mental Health	20	5
South Lane Mental Health	41	0
Symmetry Care	23	2
Telecare Corporation	108	7
Tillamook Family Counseling Center	14	0
Wallowa Valley Center for Wellness	23	2
Yamhill County Mental Health Team 1	33	1
Yamhill County Mental Health CSA Team	18	2
Total	1311	99

**Figure 4: ACT discharge reasons and transition to less intensive services (n=99)**



Most individuals who were discharged from the ACT program transitioned to less intensive services. However, 16% transitioned to higher level of care. Other reasons clients were discharged included refusing care and moving out of the service area and 8% were deceased.

**ACT Outcomes: Quarter 1 2019**

**Living Arrangements**

Table 8	Number	Percent
Apartment or Home	793	60%
Homeless, Transitional, Shelter	153	12%
Foster, Room & Board, Oxford	112	9%
Supported or Supportive Housing	112	9%
Residential Facility	63	5%
Institution or Hospital	21	2%
Prison or Jail	20	2%
Other	16	1%
Assisted Living Facility	7	1%
Missing	14	1%
Total	1311	100%



**Homelessness:** 254 (19%) of ACT participants experienced homelessness in Quarter 1 2019.

Table 9	Number	Percent
0 Days	1057	81%
1-15 Days	16	1%
16-30 Days	11	1%
31-45 Days	8	1%
45 or more Days	219	17%
	1311	100%

**Table 10: Homelessness by ACT program: Q1**

ACT Program	Individuals Served	Homeless	% Homeless
Benton County Behavioral Health	69	9	13%
Cascadia Clackamas	24	5	21%
Cascadia FACT	41	28	68%
Center for Human Development	11	0	0%
Central City Concern Core 1	100	15	15%
Central City Concern Core 2	61	56	92%
Clatsop Behavioral Healthcare	19	3	16%
Columbia Community Mental Health	44	3	7%
Community Counseling Solutions	9	0	0%
Compass/ADAPT	32	7	22%
Coos County Mental Health	12	2	17%
Deschutes County Mental Health	41	3	7%
Jackson County Mental Health	49	9	18%
Klamath Basin Behavioral Health	32	5	16%
Laurel Hill Center_ Original	80	4	5%
Laurel Hill Center_ Expansion	37	5	14%
Lifeways Malheur	10	0	0%
Lifeways Umatilla	17	0	0%
LifeWorks NW	30	2	7%
Linn County Mental Health	47	12	26%
Marion County Mental Health	80	19	24%
Mid-Columbia Center for Living	21	3	14%
NARA Totem ACT	35	6	17%
New Directions	10	0	0%
Options for Southern Oregon	72	5	7%
Outside In	48	17	35%
Polk County Mental Health	20	5	25%
South Lane Mental Health	41	2	5%
Symmetry Care	23	0	0%

ACT Program	Individuals Served	Homeless	% Homeless
Telecare Corporation	108	19	18%
Tillamook Family Counseling Center	14	2	14%
Wallowa Valley Center for Wellness	23	0	0%
Yamhill County Mental Health Team 1	33	1	3%
Yamhill County Mental Health CSA Team	18	7	39%
Total	1311	254	19%

### Emergency Room Utilization

- Psychiatric Emergency Room Use: 175 ACT participants (13%) had at least one psychiatric emergency room visit.
- Medical Emergency Room Use: 272 ACT participants (21%) had at least one medical ER visit.
- ER Use Combined: 373 (29%) of ACT participants used the ER for either psychiatric, medical or both.

**Re-hospitalization:** In Quarter 1, 124 (9.6%) of 1311 ACT participants had at least one hospitalization.

Among those hospitalized:

- 80 (6.1%) went to a psychiatric unit in a hospital;
- 10 (0.8%) went to a subacute facility;
- 20 (1.5%) went to the Oregon State Hospital;
- 14 (1.2%) other.

**Table 14: 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	69	6	9%	9	13%
Cascadia Clackamas	24	3	13%	9	38%
Cascadia FACT	41	4	10%	13	32%
Center for Human Development	11	0	0%	0	0%
Central City Concern Core 1	100	2	2%	14	14%
Central City Concern Core 2	61	5	8%	16	26%
Clatsop Behavioral Healthcare	19	3	16%	1	5%
Columbia Community Mental Health	44	3	7%	3	7%
Community Counseling Solutions	9	0	0%	0	0%
Compass/ADAPT	32	6	19%	7	22%
Coos County Mental Health	12	0	0%	1	8%
Deschutes County Mental Health	41	4	10%	3	7%
Jackson County Mental Health	49	5	10%	7	14%
Klamath Basin Behavioral Health	32	10	31%	5	16%
Laurel Hill Center_ Original	80	3	4%	6	8%
Laurel Hill Center_ Expansion	37	6	16%	6	16%
Lifeways Mahleur	10	0	0%	0	0%
Lifeways Umatilla	17	2	12%	2	12%
LifeWorks NW	30	6	20%	2	7%
Linn County Mental Health	47	6	13%	7	15%
Marion County Mental Health	80	14	18%	18	23%
Mid-Columbia Center for Living	21	3	14%	1	5%
NARA Totem ACT	35	2	6%	1	3%
New Directions	10	0	0%	0	0%
Options for Southern Oregon	72	1	1%	4	6%
Outside In	48	2	4%	4	8%
Polk County Mental Health	20	1	5%	1	5%
South Lane Mental Health	41	1	2%	2	5%
Symmetry Care	23	3	13%	4	17%
Telecare Corporation	108	11	10%	18	17%
Tillamook Family Counseling Center	14	2	14%	3	21%
Wallowa Valley Center for Wellness	23	0	0%	0	0%
Yamhill County Mental Health Team 1	33	4	12%	3	9%
Yamhill County Mental Health CSA Team	18	6	33%	5	28%
Total	1311	124	9%	175	13%

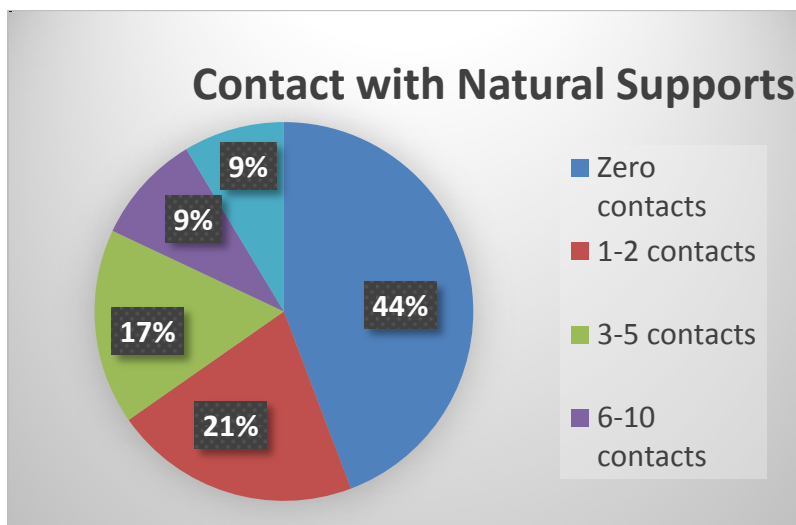
**Arrests:** The majority of ACT participants had zero arrests (1215, 94%). 69 individuals (5%) had 1-2 arrests; 17 had 3 or more arrests (1%).

**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 3.4 for Quarter 1 2019 which averages to 0.85 contact a month per ACT participant.

**Figure 5: Contact with Natural Supports**



Zero contacts	580	44%
1-2 contacts	276	21%
3-5 contacts	219	17%
6-10 contacts	123	9%
>10 contacts	113	9%
<b>Total</b>	<b>1311</b>	<b>100%</b>

## Alcohol and Drug Use

Table 15	Number	Percent
None	535	41%
Once or twice	112	9%
At least once a month	91	7%
At least once a week	164	13%
Daily or almost daily	185	14%
Multiple times a day	69	5%
Unknown	155	12%
Total	1311	100%

**Taking Medications:** Most ACT participants who are prescribed medications and take them (1041, 79%), compared to 14% who are prescribed medications and do not take them. An additional 85 ACT participants are not prescribed medications and medication adherence was not reported for 10 individuals.

Table 16: Likes and Takes medication cross-tabulation

	Takes Medications	
Likes Medications	Yes	No
Yes	726	47
No	315	128
	1041	175

**Table 17: 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	69	24	35%	15	63%
Cascadia Clackamas	24	3	13%	0	0%
Cascadia FACT	41	8	20%	2	25%
Center for Human Development	11	2	18%	0	0%
Central City Concern Core 1	100	32	32%	8	25%
Central City Concern Core 2	61	13	21%	6	46%
Clatsop Behavioral Healthcare	19	3	16%	3	100%
Columbia Community Mental Health	44	16	36%	1	6%
Community Counseling Solutions	9	1	11%	0	0%
Compass/ADAPT	32	2	6%	1	50%
Coos County Mental Health	12	6	50%	2	33%
Deschutes County Mental Health	41	5	12%	4	80%
Jackson County Mental Health	49	8	16%	2	25%
Klamath Basin Behavioral Health	32	9	28%	3	33%
Laurel Hill Center_ Original	80	28	35%	4	14%
Laurel Hill Center_ Expansion	37	7	19%	6	86%
Lifeways Malheur	10	4	40%	0	0%
Lifeways Umatilla	17	1	6%	1	100%
LifeWorks NW	30	7	23%	0	0%
Linn County Mental Health	47	10	21%	1	10%
Marion County Mental Health	80	18	23%	4	22%
Mid-Columbia Center for Living	21	6	29%	0	0%
NARA Totem ACT	35	9	26%	1	11%
New Directions	10	0	0%	0	0%
Options for Southern Oregon	72	21	29%	11	52%
Outside In	48	7	15%	5	71%
Polk County Mental Health	20	9	45%	4	44%
South Lane Mental Health	41	2	5%	1	50%
Symmetry Care	23	5	22%	3	60%
Telecare Corporation	108	27	25%	8	30%
Tillamook Family Counseling Center	14	7	50%	2	29%
Wallowa Valley Center for Wellness	23	11	48%	4	36%
Yamhill County Mental Health Team 1	33	8	24%	1	13%
Yamhill County Mental Health CSA Team	18	4	22%	2	50%
Total	1311	323	25%	105	33%

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, 25% 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 33% employment rate among those enrolled in SE.

Enrolled in School: 33 ACT participants (2.5%) were enrolled in a degree seeking program such as GED, community college, four-year degree or vocational training.

### **Quarter 1 2019 Summary**

- Overall the re-hospitalization rate was 9%.
- ER utilization for ACT participants was 29%.
- 6% of ACT participants had one or more arrests and 7% spent at least one night in jail.
- SE enrollment was 25% of ACT participants of those enrolled in SE, 33% worked in competitive jobs.
- Rate of homelessness was moderate at 17%.
- Alcohol or Drug use: 19% of ACT participants used drugs daily or multiple times a day.
- Medication adherence: 79% 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.