NORTH CAROLINA LME-MCO's

ANNUAL STATISTICS AND ADMISSION REPORT

FISCAL YEAR 2019

TITLE: North Carolina Local Management Entity-Managed Care Organization
Annual Statistics and Admission Report
Fiscal Year 2019

NUMBER OF PAGES:

OFFICE OF PRIMARY RESPONSIBILITY: Data Operations Branch
Information System Services
Division of Mental Health,
Developmental Disabilities and
Substance Abuse Services
3013 Mail Service Center
Raleigh, N. C. 27699-3013
(919) 733-4460

PRINCIPAL AUTHOR OR COMPILER: Bill Satterfield
Business & Technology Applications
Analyst

TYPED BY: Bill Satterfield
DMH/DD/SAS

DISTRIBUTION: All Institutions, Raleigh Office and Other Interested Groups

PUBLICATION DATE: February 2020

INTRODUCTION

In recent years there have been two separate reports(Annual Statistical Report for LMEs and the Admissions Report for LMEs) that have provided descriptive statistics and trends in the public community mental health system in North Carolina. In an effort to provide a single source of information that adequately describes the type of clients served at the clinical, demographic and geographic level these two reports have been combined into a single report for State Fiscal Year 2019. While similar in format and table construction to the previous reports, the intent of this report is to provide an integrated look at major service indicators and measures.

Figure 1
Selected Indicators and Percent Change Over Time
State Totals, Fiscal Year 2019, 2014, 2009

Indicators	Fiscal Year			Percent Change FY19 vs. FY14
	FY19	FY14	FY09	
Active Caseload Start of Fiscal Year	267,820	236,300	210,114	13.34%
Total Admissions	112,502	109,262	116,449	2.97%
Total Terminations	91,304	78,722	75,976	15.98%
Active Caseload End of Fiscal Year	289,018	266,840	250,587	8.31%
Persons Served	380,322	345,562	326,563	10.06%

TABLE I

Client Activity and Utilization (Table I) reflects admission rates, active caseload at the beginning of the fiscal year, total admissions and the total number of persons served by the LME-MCO. There were **254,889** active cases on July 1, 2018 and **90,301** total admissions (first and readmissions combined) during the fiscal year. A total of **345,190** persons were served during fiscal year 2019 as indicated by adding first and readmissions to the active cases (excluding those on Inactive Status and TASC Clients) on July 1, 2018. Graph 1 depicts the number of clients served at the LME-MCO for the last ten years.

Admission rates reflect the total number of admissions to an LME-MCO during the fiscal year per 100,000 population in the catchment area. Admission rates are useful in that they allow comparisons among geographic areas as well as special population subgroups by adjusting the effects of population size. Admission rates were selected instead of utilization rates because of their greater accuracy.

The statewide admission rate was **859** admissions per 100,000 population. The admission rate ranged from a low of **391** per 100,000 reported by Alliance Behavioral to a high of **1,343** per 100,000 population reported by Trillium.

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TABLE I
CLIENT ACTIVITY AND UTILIZATION BY NAME
NORTH CAROLINA LMES
FY2018-2019

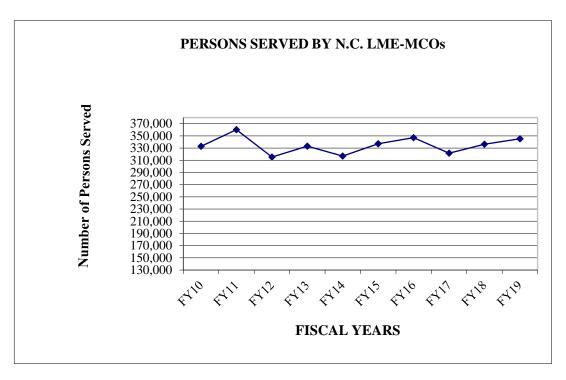|	ADMISSION RATE*	ACL 7/1/2018	TOTAL ADMISSIONS	TERMINATIONS	PERSONS SERVED
Alliance Behavioral	391	64,215	7,596	1,963	71,811
Cardinal Innovations	825	25,822	26,392	23,164	52,214
EastPointe	688	34,028	4,567	3,710	38,595
Partners Behavioral	752	43,049	7,682	5,831	50,731
Sandhills	1,132	40,977	12,855	9,095	53,832
Trillium	1,343	18,199	19,937	15,806	38,136
Vaya	1,065	28,599	11,272	9,432	39,871
STATE TOTAL	859	254,889	90,301	69,001	345,190

* Rate per 100,000 N. C. Populaton (2019 Population Estimate.)
Admission Rate = Total Admissions / Population x 100,000.

Please Note: There is a difference in Total Admissions, Terminations and Persons Served from the previous
pages (Figure 1), when compared to the State Total in Table 1. The reason for this difference is that
TASC clients are included in Figure 1, but not Table 1. TASC clients were not included in Table 1 as they are
not asssociated with an LME.

FIGURE 2
SELECTED CHARACTERISTICS OF LME/TASC ADMISSIONS AND PERCENT CHANGE OVER TIME
STATE TOTAL FISCAL YEAR 2014-15, 2015-16, 2016-17, 2017-18, 2018-19

						PERCENT		
CHARACTERISTICS	FY15	FY16	FY17	FY18	FY19	FY19 vs. FY18	FY19 vs. FY17	FY19 vs. FY16
TOTAL ADMISSIONS	111,277	114,579	111,487	113,299	112,502	-0.7%	0.9%	-1.8%
BY DIAGNOSIS								
ALCOHOL	8,778	10,047	10,213	10,764	10,717	-0.4%	4.9%	6.7%
DRUG	25,393	33,136	34,785	38,618	39,439	2.1%	13.4%	19.0%
I/DD	976	923	758	410	474	15.6%	-37.5%	-48.6%
MENTALLY ILL	60,995	61,500	56,733	54,141	54,943	1.5%	-3.2%	-10.7%
NO MENTAL DISORDER	11,121	7,103	7,401	8,382	6,492	-22.5%	-12.3%	-8.6%
UNKNOWN-DEFERRED	4,014	1,870	1,597	984	437	-55.6%	-72.6%	-76.6%
BY GENDER								
MALE	62,822	65,666	64,568	67,314	65,807	-2.2%	1.9%	0.2%
FEMALE	48,317	48,913	46,913	45,979	46,693	1.6%	-0.5%	-4.5%
UNKNOWN	138	0	6	6	2	-66.7%	-66.7%	
BY RACE								
WHITE	66,741	71,037	70,225	70,885	71,071	0.3%	1.2%	0.0%
BLACK	35,730	36,628	34,897	35,891	35,132	-2.1%	0.7%	-4.1%
AMERICAN INDIAN	2,310	1,906	1,689	1,789	1,730	-3.3%	2.4%	-9.2%
ASIAN/PACIFIC ISLANDER	511	542	584	595	566	-4.9%	-3.1%	4.4%
MULTI RACIAL	1,152	953	903	856	867	1.3%	-4.0%	-9.0%
OTHER	3,965	3,092	2,942	3,118	3,042	-2.4%	3.4%	-1.6%
UNKNOWN	868	421	247	165	94	-43.0%	-61.9%	-77.7%

PERSONS SERVED BY N.C. LME-MCOs

This graph reflects the number of persons served by the **7** LME-MCOs for the time period FY2010 through FY2019. This data reflected in this graph does not include persons on inactive status.

A total of **345,190** clients were served by LMEs during **FY2019** representing a **3.72 %** increase over the **332,796** during **FY 2010.**

TABLE 2

Table II reflects the number of persons served in each of the LME-MCOs by age and disability. The age of the client was calculated as of 6-30-19 and the disability of the client was based on the diagnosis assigned to the client on the NCTRACKS paid claim.

A total of **371,077** persons were served in the LME-MCOs and TASC during FY19. Persons Served is calculated by totaling the active caseload on July 1, of the fiscal year (excluding those clients on Inactive Status) and all admissions.

Of the **371,077** clients served, **69** percent (**257,103)** were mentally ill, **4.84** percent **(17,955)** were developmentally disabled, and **25.88** percent (**96,019**) were substance abusers. Within each disability the percent of children served (0-17) ranged from **0.49** percent (**469)** of substance abusers, to **21.87** percent (**3,927)** of the developmentally disabled. The percent of children served in the mental health category was **13.55** percent (**34,840**).

TABLE 2
NUMBER OF DUPLICATED PERSONS SERVED BY AGE DISABILITY
NORTH CAROLINA'S LME-MCOs AND TASC REGIONS
BY NAME, FY2018-19

LME	PERSONS SERVED	MENTALLY ILL			DEVELOPMENTAL DISABILITIES			SUBSTANCE ABUSE		
		TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD
Alliance	71,811	54,433	49,778	4,655	3,783	2,881	902	13,595	13,577	18
Cardinal Innovations	52,214	33,829	27,159	6,670	3,075	2,696	379	15,310	15,178	132
Eastpointe	38,595	29,402	25,837	3,565	2,249	1,841	408	6,944	6,924	20
Partners Behavioral	50,731	38,787	36,565	2,222	1,909	1,569	340	10,035	10,029	6
Sandhills	53,832	41,853	30,884	10,969	3,266	2,215	1,051	8,713	8,633	80
Trillium	38,136	24,266	19,251	5,015	1,850	1,260	590	12,020	11,942	78
Vaya	39,871	27,721	25,783	1,938	1,839	1,572	267	10,311	10,278	33
TASC Region 1	9,839	2,430	2,425	5	0	0	0	7,409	7,381	28
TASC Region 2	9,669	2,985	2,971	14	0	0	0	6,684	6,659	25
TASC Region 3	10,020	3,864	3,810	54	0	0	0	6,156	6,114	42
TASC Region 4	5,604	560	558	2	0	0	0	5,044	5,024	20
STATE TOTAL	380,322	260,130	225,021	35,109	17,971	14,034	3,937	102,221	101,739	482

NORTH CAROLINA STATE LME-MCOs AND TASC
TOTAL PERSONS SERVED FY2018-2019
TABLE 2-A

	TOTAL PERCENT	TOTAL NUMBER		TOTAL PERCENT	TOTAL NUMBER
TOTAL PERSONS SERVED	100.0%	380,322	**TOTAL PERSONS SERVED**	100.0%	
*AGE GROUPS			**DIAGNOSIS (con't)**		
00-04	0.1%	381	Personality & Other Impulses	0.7%	2,693
05-09	1.7%	6,401	Primary Degenerative Dementia	0.1%	192
10-14	4.8%	18,084	Schizoaffective	2.3%	8,613
15-17	3.9%	14,662	Schizophrenic	3.1%	11,878
18-20	4.9%	18,526	Schizophreniform	0.1%	210
21-24	8.3%	31,475	Sexual	0.0%	136
25-34	25.7%	97,729	Somatoform/Factitious	0.0%	93
35-44	19.8%	75,304	Specific Development	0.3%	1,118
45-54	15.7%	59,540	Substance Abuse (Drugs)	20.4%	77,508
55-64	11.3%	42,889	Unknown	3.6%	13,763
65+	4.0%	15,331	Vascular Dementia	0.0%	66
GENDER					
Males	53.9%	204,954			
Females	46.1%	175,205			
Unknown	0.0%	163	**MARITAL STATUS**		
RACE					
			Annulled	0.2%	620
Asian	0.5%	1,768	Divorced	9.4%	35,782
Black	30.7%	116,588	Domestic partners	0.7%	2,792
White	61.4%	233,645	Married	10.6%	40,389
American Indian/Alaskan Native	2.0%	7,610	Separated	5.7%	21,700
Other	3.5%	13,204	Single	70.8%	269,186
Multi Racial	1.1%	4,170	Unknown	1.0%	3,809
Unknown	0.8%	3,142	Widowed	1.6%	6,044
Pacific Islander	0.1%	195			
DIAGNOSIS			**ETHNICITY**		
Adjustment	4.6%	17,564	Hispanic Cuban	0.1%	416
Alcohol Abuse	6.1%	23,088	Hispanic Mexican American	1.6%	5,960
Alcohol Related Organic	0.4%	1,625	Hispanic Other	2.5%	9,617
Anxiety	8.0%	30,426	Hispanic Puerto Rican	0.4%	1,562
Attention Deficit	3.9%	14,686	Not Hispanic Origin	94.7%	360,015
Autism & Pervasive Dev.	1.5%	5,631	Unknown	0.7%	2,752
Bipolar	8.0%	30,398			
Conduct	2.9%	11,023			
Delusional	0.1%	396			
Diagnosis Deferred	1.9%	7,326			
Dissociative	0.0%	60			
Dysthymia	0.5%	1,868			
Eating and Sleeping Disorders	0.1%	319			
Mental Retardation	3.0%	11,222			
Major Depression	19.7%	74,905			
Medication Induced	0.0%	12			
No Mental Disorder	3.0%	11,290			
Other Childhood Disorders	0.2%	882			
Other Mental Disorders	0.4%	1,380			
Other Nonpsychotic/Mental	4.1%	15,457			
Other Problems Not Mental	0.4%	1,403			
Other Psychotic	0.8%	3,091			

*AGE FOR PERSONS SERVED WAS CALCULATED AS AGE AT 06-30-2019.

TABLE 2B

Table 2B reflects the number of persons served for each county that falls within the LME-MCO's catchment area. Table 2 on the other hand reflects number of persons served by the LME-MCO regardless of the county of residence.

This difference is pointed out in case the reader is trying to compare the two tables.

TABLE 2B
PERSONS SERVED BY LME-MCO AND COUNTY
FOR THE NORTH CAROLINA LME-MCOs
FY 2018-19

State and Counties	Persons Served	State and Counties	Persons Served
North Carolina			
STATE TOTAL *	**345,190**		
Alliance	**72,026**	**Eastpointe**	**36,418**
Cumberland	14,843	Bladen	1,675
Durham	16,151	Duplin	2,378
Johnston	7,355	Edgecombe	2,236
Wake	33,677	Greene	598
		Lenoir	4,351
Cardinal Innovations	**53,577**	Robeson	8,636
Alamance	3,777	Sampson	3,474
Cabarrus	3,796	Scotland	2,262
Caswell	463	Wayne	7,189
Chatham	1,332	Wilson	3,619
Davidson	3,767		
Davie	445		
Forsyth	5,284	**Partners Behavioral**	**49,978**
Franklin	1,507	Burke	5,416
Granville	1,162	Catawba	8,932
Halifax	2,440	Cleveland	5,811
Mecklenburg	11,797	Gaston	11,847
Orange	3,168	Iredell	7,163
Person	1,428	Lincoln	3,243
Rockingham	1,769	Rutherford	1,924
Rowan	3,448	Surry	3,996
Stanly	1,889	Yadkin	1,646
Stokes	684		
Union	3,038	**Sandhills**	**53,398**
Vance	1,761	Anson	1,776
Warren	622	Guilford	23,507
		Harnett	5,025
		Hoke	2,333
		Lee	3,152
		Montgomery	1,706
		Moore	4,368
		Randolph	7,612
		Richmond	3,919

* State Total includes 445 Persons Served that are Out of State and 832 Persons Served with Unknown
County of Residence

TABLE 2B cont'd
PERSONS SERVED BY LME-MCO AND COUNTY
FOR THE NORTH CAROLINA LME-MC0s
FY 2018-19

State and Counties	Persons Served	State and Counties	Persons Served
North Carolina			
STATE TOTAL *	**345,190**		
Trillium	**40,274**	**Vaya**	**38,242**
Beaufort	2,365	Alexander	1,333
Bertie	663	Alleghany	499
Brunswick	2,078	Ashe	1,194
Camden	237	Avery	781
Carteret	1,661	Buncombe	8,350
Chowan	460	Caldwell	3,585
Columbus	2,482	Cherokee	1,453
Craven	4,802	Clay	420
Currituck	652	Graham	466
Dare	1,144	Haywood	4,206
Gates	277	Henderson	2,043
Hertford	792	Jackson	2,034
Hyde	152	Macon	904
Jones	421	Madison	947
Martin	2,013	McDowell	2,144
Nash	1,334	Mitchell	330
New Hanover	5,488	Polk	313
Northampton	636	Swain	874
Onslow	2,483	Transylvania	1,204
Pamlico	501	Watauga	1,556
Pasquotank	1,450	Wilkes	3,131
Pender	1,066	Yancey	475
Perquimans	423		
Pitt	6,108		
Tyrrell	123		
Washington	463		

* State Total includes 445 Persons Served that are Out of State and 832 Persons Served with Unknown
  County of Residence

TABLE 3

The data reflected in this table included admissions by diagnosis and marital status. The aggregate groupings of diagnosis are based on the ICD9 and ICD10 (International Classification of   **Diseases, 9th Revision Clinical Modification,** International Classification of   **Diseases, 10th Revision Clinical Modification**)

Of the diagnosis reported at the time of admission, substance abuse (**39,439**) accounted for **(35.1%)** of all admissions. However, when looking at Psychiatric Diagnosis only, which represented **(54.38%)** of all diagnosis, major depressive disorders **(18,928)** accounted for **(16.8%**) of all admissions. There were (**9,703**) alcohol abuse admissions which accounted for **(8.6%)** of all admissions.

In the marital category, the largest group is those who are single, representing **69.7%** of all admissions.

TABLE 3
TOTAL ADMISSIONS BY DIAGNOSTIC CATEGORY & MARITAL STATUS
NORTH CAROLINA LME-MCOs, FY2018-2019

	TOTAL	
	***PERCENT**	**NUMBER**
TOTAL ADMISSIONS	100.0%	112,502
DIAGNOSTIC CATEGORY **		
Substance Abuse (Drugs)	35.1%	39,439
Major Depression	16.8%	18,928
Alcohol Abuse	8.6%	9,703
Bipolar	6.4%	7,193
Anxiety	7.2%	8,109
No Mental Disorder	5.8%	6,492
Adjustment	4.6%	5,207
Other Nonpsychotic/Mental	3.6%	4,094
Attention Deficit	1.9%	2,110
Schizophrenic	2.5%	2,762
Conduct	1.6%	1,767
Schizoaffective	1.7%	1,936
Unknown	0.3%	297
I/DD	0.4%	474
Personality & Other Impulses	0.7%	769
Autism & Pervasive Dev.	0.5%	573
Diagnosis Deferred	0.1%	140
Dysthymia	0.4%	432
Other Psychotic	0.1%	148
Other Problems Not Mental	0.3%	354
Other Mental Disorders	0.1%	155
Alcohol Related Organic	0.9%	1,014
Specific Development	0.1%	124
Delusional	0.1%	94
Eating and Sleeping Disorders	0.1%	60
Other Childhood Disorders	0.0%	33
Schizophreniform	0.0%	50
Sexual	0.0%	11
Primary Degenerative Dementia	0.0%	0
Somatoform/Factitious	0.0%	19
Dissociative	0.0%	12
Vascular Dementia	0.0%	2
Medication Induced	0.0%	1
MARITAL STATUS		
Single	69.7%	78,411
Married	10.9%	12,307
Divorced	10.4%	11,669
Separated	6.1%	6,899
Widowed	1.6%	1,761
Domestic partners	1.2%	1,338
Unknown	0.1%	69
Annulled	0.0%	48

*TOTALS DO NOT ALWAYS EQUAL 100 % DUE TO ROUNDING
** DERIVED FROM ICD-9 and ICD-10 CODING
TASC ADMISSIONS ARE INCLUDED IN TABLE 3.

TABLE 3A

The data in this table reflects admission characteristics by race, sex and age categories.

Males represented the majority of the total admissions **59.8%** with females representing **40.9%** of the total admissions.

When looking at race categories during FY19 non-white admissions numbered **41,431** or **36.8%** of the total reported. Of the non-white admissions reported **1.5%** was American Indians.

The age group composition of LME-MCO's admissions reflects that **30.8%** fell within the 25 to 34 age group. When admissions are grouped by the three major age groups, **10.5%** were 0-17, **88.0%** was between 18-64 years of age and **1.5%** were 65 years and older.

TABLE 3A
TOTAL ADMISSIONS BY RACE,SEX AND AGE
NORTH CAROLINA LME-MCOs
FY2018-2019

	TOTAL	
	*PERCENT	NUMBER
TOTAL ADMISSIONS	100.0%	112,502
RACE		
WHITE	63.2%	71,071
BLACK	31.2%	35,132
AMERICAN INDIAN	1.5%	1,730
ASIAN/PACIFIC ISLANDER	0.5%	566
MULTI RACIAL	0.8%	867
OTHER	2.7%	3,042
UNKNOWN	0.1%	94
GENDER		
MALE	59.8%	67,314
FEMALE	40.9%	45,979
UNKNOWN	0.0%	6
AGE		
00-04	0.4%	400
05-09	2.6%	2,876
10-14	4.4%	4,972
15-17	3.1%	3,535
18-20	5.1%	5,727
21-24	10.0%	11,244
25-34	30.8%	34,678
35-44	20.2%	22,739
45-54	14.2%	15,971
55-64	7.7%	8,620
65 AND OVER	1.5%	1,732

*TOTALS DO NOT ALWAYS EQUAL 100 % DUE TO ROUNDING
TASC ADMISSIONS ARE INCLUDED IN TABLE 3A

Figure 3
Admissions Rate Per 100,000 Populations *
By Age Group by LME-MCO, FY2018-19

LME	Children Admissions (0-17)	Child Admission Rate	Adult Admissions (18 And Older)	Adult Admissions Rate	Total Admissions	Total Admission Rate
Alliance Behavioral	600	129	6,996	474	7,596	391
Cardinal Innovations	3,008	421	23,384	940	26,392	825
Eastpointe	219	143	4,348	852	4,567	688
Partners Behavioral	305	142	7,377	915	7,682	752
Sandhills	3,712	1,442	9,143	1,041	12,855	1,132
Trillium	2,959	942	16,978	1,451	19,937	1,343
Vaya	662	347	10,610	1,223	11,272	1,065
State Total	11,465	496	78,836	962	90,301	859

* Admissions rate = (Admissions/Population) x 100,000

<u>TABLE 3B</u>

Table 3B reflects the duplicated number of admissions for each of the LME-MCO's by age and disability. The age of the client was calculated on the admission date and the disability of the client was based on the diagnosis assigned to the client on the NCTRACKS Paid Claims.

Of the **112,502** clients admitted, **54.38**% (**61,175**) were mentally ill, **1.04% (1,171)** were developmentally disabled, and **44.58% (50,156**) were substance abusers. Within each disability the percent of children served (0-17) ranged from **0.97% (486)** of substance abusers, to **52.95% (620)** of the developmentally disabled. The percent of children served in the mental health category was **17.45% (10,677**).

TABLE 3B
NUMBER OF DUPLICATED ADMISSIONS BY AGE DISABILITY
NORTH CAROLINA'S LME-MCOs AND TASC REGIONS
BY NAME, FY2018-19

LME	TOTAL ADMS	MENTALLY ILL			DEVELOPMENTAL DISABILITIES			SUBSTANCE ABUSE		
		TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD
Alliance	7,596	5,401	4,884	517	135	59	76	2,060	2,053	7
Cardinal Innovations	26,392	14,391	11,536	2,855	107	80	27	11,894	11,768	126
Eastpointe	4,567	3,088	2,891	197	45	26	19	1,434	1,431	3
Partners Behavioral Health	7,682	5,284	5,007	277	63	41	22	2,335	2,329	6
Sandhills	12,855	9,451	6,034	3,417	344	96	248	3,060	3,013	47
Trillium	19,937	11,110	8,432	2,678	426	221	205	8,401	8,325	76
Vaya	11,272	6,250	5,639	611	51	28	23	4,971	4,943	28
TASC Region 1	5,828	1,470	1,458	12	0	0	0	4,358	4,309	49
TASC Region 2	5,824	1,812	1,786	26	0	0	0	4,012	3,962	50
TASC Region 3	6,976	2,571	2,487	84	0	0	0	4,405	4,335	70
TASC Region 4	3,573	347	344	3	0	0	0	3,226	3,202	24
TOTAL	112,502	61,175	50,498	10,677	1,171	551	620	50,156	49,670	486

TABLE 3C

Table 3C reflects the unduplicated number of admissions for each of the LME-MCO's by age and disability. The age of the client was calculated on the admission date and the disability of the client was based on the diagnosis assigned to the client on the NCTRACKS Paid Claim.

Of the **107,510** clients admitted, **55.93% (60,128)** were mentally ill, **1.08% (1,165)** were developmentally disabled, and **42.99% (46,217)** were substance abusers. Within each disability the percent of children served (0-17) ranged from **1.02% (472)** of substance abusers, to **52.96% (617)** of the developmentally disabled. The percent of children served in the mental health category was **17.66% (10,620)**.

TABLE 3C
NUMBER OF UNDUPLICATED ADMISSIONS BY AGE DISABILITY
NORTH CAROLINA'S LME-MCOs AND TASC REGIONS
BY NAME, FY2018-19

LME	TOTAL ADMS	MENTALLY ILL			DEVELOPMENTAL DISABILITIES			SUBSTANCE ABUSE		
		TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD
Alliance	7,551	5,370	4,853	517	134	59	75	2,047	2,040	7
Cardinal Innovations	24,399	14,039	11,206	2,833	106	80	26	10,254	10,133	121
Trillium	4,487	3,053	2,858	195	45	26	19	1,389	1,386	3
Eastpointe	7,492	5,183	4,906	277	63	41	22	2,246	2,240	6
Partners Behavioral Health	12,650	9,380	5,973	3,407	343	96	247	2,927	2,880	47
Sandhills	18,543	10,911	8,253	2,658	423	218	205	7,209	7,139	70
Vaya	10,817	6,150	5,541	609	51	28	23	4,616	4,588	28
TASC Region 1	5,709	1,449	1,437	12	0	0	0	4,260	4,212	48
TASC Region 2	5,732	1,786	1,760	26	0	0	0	3,946	3,896	50
TASC Region 3	6,663	2,471	2,388	83	0	0	0	4,192	4,124	68
TASC Region 4	3,467	336	333	3	0	0	0	3,131	3,107	24
TOTAL	107,510	60,128	49,508	10,620	1,165	548	617	46,217	45,745	472

TABLE 4

This table includes selected indicators for all terminations while the proceeding four tables focused on admissions. This table was included since diagnostic classification may change during the course of treatment and final diagnosis should be more accurate.

The relationships described for admission diagnosis remained true for termination diagnoses, although absolute numbers and percentages changed. Substance abuse accounted for **37.9%** of terminations versus **35.1%** of admissions. Adjustment disorders accounted for **4.1%** of terminations versus **4.6%** of admissions while major depression disorders accounted for **14.6%** versus **16.8** % at admission.

TABLE 4
TOTAL TERMINATIONS BY DIAGNOSTIC CATEGORY, RACE, SEX AND AGE
NORTH CAROLINA LME-MCOs, FY2018-2019

	TOTAL	
	PERCENT*	NUMBER
TOTAL TERMINATIONS	100.0%	91,304
DIAGNOSTIC CATEGORY **		
Adjustment	4.1%	3,784
Alcohol Abuse	9.5%	8,691
Alcohol Related Organic	1.0%	909
Anxiety	6.2%	5,686
Attention Deficit	2.0%	1,793
Autism & Pervasive Dev.	0.2%	183
Bipolar	5.6%	5,133
Conduct	1.8%	1,603
Delusional	0.1%	66
Diagnosis Deferred	0.3%	294
Dissociative	0.0%	8
Dysthymia	0.4%	333
Eating and Sleeping Disorders	0.1%	47
I/DD	0.3%	256
Major Depression	14.6%	13,288
Medication Induced	0.0%	0
No Mental Disorder	7.6%	6,901
Other Childhood Disorders	0.0%	34
Other Mental Disorders	0.2%	168
Other Nonpsychotic/Mental	3.3%	2,987
Other Problems Not Mental	0.3%	284
Other Psychotic	0.2%	179
Personality & Other Impulses	0.6%	539
Primary Degenerative Dementia	0.0%	8
Schizoaffective	1.5%	1,346
Schizophrenic	2.0%	1,817
Schizophreniform	0.0%	30
Sexual	0.0%	12
Somatoform/Factitious	0.0%	9
Specific Development	0.1%	53
Substance Abuse (Drugs)	37.9%	34,612
Unknown	0.3%	243
Vascular Dementia	0.0%	8
RACE		
White	62.7%	57,239
Black	31.9%	29,101
American Indian	1.5%	1,396
Asian/Pacific Islander	0.4%	405
Multi Racial	0.5%	452
Other	2.6%	2,345
Unknown	0.4%	366
AGE GROUPS		
00-04	0.1%	70
05-09	1.8%	1,620
10-14	3.5%	3,240
15-17	2.9%	2,666
18-20	4.4%	4,013
21-24	9.5%	8,669
25-34	31.6%	28,882
35-44	20.9%	19,105
45-54	14.5%	13,205
55-64	8.6%	7,841
65 AND OVER	2.2%	1,993
GENDER		
Male	59.9%	54,647
Female	40.1%	36,635
Unknown	0.0%	22

*TOTALS DO NOT ALWAYS EQUAL 100 % DUE TO ROUNDING

Table 5

Table 5 reflects the unduplicated count of persons served in each of the LME-MCO's by age and disability. The age of the client was calculated as of 6-30-19 and the disability of the client was based on the diagnosis assigned to the client on the NCTRACKS Paid Claims.

A total of **371,077** persons were served in the LME-MCO's during FY19. Persons Served is calculated by totaling the active caseload on July 1, of the fiscal year (excluding those clients on Inactive Status) and all admissions.

TABLE 5
NUMBER OF UNDUPLICATED PERSON SERVED BY AGE DISABILITY
NORTH CAROLINA'S LME-MCOs AND TASC REGIONS
BY NAME, FY2018-19

LME	PERSON SERVED	MENTALLY ILL			DEVELOPMENTAL DISABILITIES			SUBSTANCE ABUSE		
		TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD
Alliance	71,718	54,368	49,713	4,655	3,781	2,881	900	13,569	13,551	18
Cardinal Innovations	49,308	33,081	26,464	6,617	3,072	2,695	377	13,155	13,028	127
Eastpointe	38,319	29,199	25,641	3,558	2,248	1,841	407	6,872	6,852	20
Partners Behavioral Health	50,328	38,552	36,331	2,221	1,908	1,568	340	9,868	9,862	6
Sandhills	53,047	41,356	30,526	10,830	3,260	2,214	1,046	8,431	8,351	80
Trillium	36,119	23,841	18,877	4,964	1,847	1,257	590	10,431	10,357	74
Vaya	38,573	27,206	25,284	1,922	1,839	1,572	267	9,528	9,497	31
TASC Region 1	9,459	2,372	2,367	5	0	0	0	7,087	7,059	28
TASC Region 2	9,455	2,928	2,914	14	0	0	0	6,527	6,502	25
TASC Region 3	9,413	3,668	3,616	52	0	0	0	5,745	5,705	40
TASC Region 4	5,338	532	530	2	0	0	0	4,806	4,786	20
STATE TOTAL	371,077	257,103	222,263	34,840	17,955	14,028	3,927	96,019	95,550	469

Table 6

The screening process was discontinued on 7/1/2016 and data are no longer available for this table.

Table 7 cont'd

Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice

FY2018-19

LME	Drug of Choice	Total Admissions
State Total		50,156
Vaya	**Alcohol**	**1,521**
	Barbiturates (Phenobarbital Secobarbital Pentobarb	1
	Benzodiazepine (Valium Librium Tranxene)	28
	Cocaine/Crack	176
	Heroin	470
	Inhalants (e.g., nitrites, Freon, glue, turpentine, paint thinner, rubbing alcohol, gasoline)	3
	Marijuana/Hashish (Cannibus)	352
	Methamphetamine (Ice)	838
	Non-Prescription Methadone	28
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	10
	Other Amphetamines (Dextroamphetamine Dexedrine	93
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	3
	Other Opiates and Synthetics (Morphine Codeine Dil	1,216
	Other Sedatives or Hypnotics (Doriden Quaalude)	17
	Other Stimulants (e.g. caffeine)	25
	Over the counter drugs (e.g diet tablets cough syr	1
	PCP (Phencyclidine)	1
	Tobacco	20
	Unknown	168
Vaya Total		**4,971**

Table 7 cont'd

Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice

FY2018-19

LME	Drug of Choice	Total Admissions

Table 8

Due to the interest in our Veterans, Table 8 represents admission data by race, age, ethnicity and employment status.

Table 8
Veteran Data
CDW FY2019 LME-MCO and TASC Admissions by Race, Veteran Status and Age

VETERAN	Race	00-17	18-22	23-24	25-34	35-44	45-54	55-64	65-74	75+	Total
Yes	Alaskan Native	0	0	0	2	3	1	1	0	0	7
Yes	American Indian Alaskan Native	0	2	1	16	19	6	4	2	0	50
Yes	Asian	1	4	2	11	5	3	0	1	0	27
Yes	Black	31	56	45	265	213	209	246	72	3	1,140
Yes	Multiracial	1	0	6	5	5	4	2	0	0	23
Yes	Other	3	9	6	23	21	14	0	0	0	76
Yes	White	70	108	42	595	451	366	269	81	26	2,008
Veteran Total		106	179	102	917	717	603	522	156	29	3,331
No	Alaskan Native	6	5	2	22	24	16	4	0	0	79
No	American Indian Alaskan Native	120	138	84	494	390	258	98	10	2	1,594
No	Asian	93	79	14	125	107	41	21	6	2	488
No	Black	3,938	3,367	1,860	10,001	6,068	5,065	3,104	521	68	33,992
No	Multiracial	132	136	61	252	144	89	21	5	4	844
No	Other	416	616	235	886	462	230	106	12	3	2,966
No	Pacific Islander	15	6	3	12	10	2	2	1	0	51
No	Unknown	18	9	5	23	11	18	7	2	1	94
No	White	6,365	5,820	3,255	22,163	15,305	9,797	5,212	886	260	69,063
Non-Veteran Total		11,103	10,176	5,519	33,978	22,521	15,516	8,575	1,443	340	109,171
Total		11,209	10,355	5,621	34,895	23,238	16,119	9,097	1,599	369	112,502

CDW FY2019 LME-MCO and TASC Admissions by Ethnicity, Veteran Status and Age

VETERAN	Ethnicity	00-17	18-22	23-24	25-34	35-44	45-54	55-64	65-74	75+	Total
Yes	Hispanic Cuban	0	0	0	4	0	1	0	0	0	5
Yes	Hispanic Mexican American	0	1	2	1	3	0	1	0	0	8
Yes	Hispanic Other	4	3	0	7	8	5	0	0	0	27
Yes	Hispanic Puerto Rican	0	1	1	5	6	3	0	0	0	16
Yes	Not Hispanic Origin	102	174	99	900	700	594	521	156	29	3,275
Veteran Total		106	179	102	917	717	603	522	156	29	3,331
No	Hispanic Cuban	10	8	4	23	13	9	5	0	1	73
No	Hispanic Mexican American	342	286	98	316	154	77	30	1	0	1,304
No	Hispanic Other	658	325	116	585	428	200	93	12	4	2,421
No	Hispanic Puerto Rican	61	49	21	106	67	62	20	2	2	390
No	Not Hispanic Origin	10,017	9,502	5,274	32,928	21,839	15,161	8,423	1,427	333	104,904
No	Unknown	15	6	6	20	20	7	4	1	0	79
Non-Veteran Total		11,103	10,176	5,519	33,978	22,521	15,516	8,575	1,443	340	109,171
Total		11,209	10,355	5,621	34,895	23,238	16,119	9,097	1,599	369	112,502

CDW FY2019 LME-MCO and TASC Admissions by Employment, Veteran Status and Age

VETERAN	Employment	00-17	18-22	23-24	25-34	35-44	45-54	55-64	65-74	75+	Total
Yes	Armed Forces/National Guard	0	2	1	5	5	0	2	0	0	15
Yes	Employed full time	1	44	37	298	193	130	60	5	0	768
Yes	Employed part time	1	39	20	126	75	51	33	5	0	350
Yes	Not in work force homemaker	0	0	0	10	6	2	3	1	0	22
Yes	Not in work force not available for work	4	3	0	45	52	81	133	37	4	359
Yes	Not in work force retired	0	0	0	4	6	16	49	76	24	175
Yes	Not in work force student	98	16	3	13	4	1	2	0	0	137
Yes	Seasonal/Migrant Worker	0	0	1	0	0	0	0	0	0	1
Yes	Unemployed	2	74	39	411	366	317	238	30	1	1,478
Yes	Unknown	0	1	1	5	10	5	2	2	0	26
Veteran Total		106	179	102	917	717	603	522	156	29	3,331
No	Armed Forces/National Guard	2	0	1	4	0	1	0	0	0	8
No	Employed full time	30	2,069	1,437	8,615	5,299	2,677	961	64	4	21,156
No	Employed part time	96	1,674	757	4,192	2,532	1,452	686	68	2	11,459
No	Not in work force homemaker	10	27	34	284	240	131	58	14	6	804
No	Not in work force not available for work	429	213	149	1,128	1,225	1,678	1,520	278	39	6,659
No	Not in work force retired	10	5	3	8	15	66	315	448	218	1,088
No	Not in work force student	10,152	1,519	203	503	99	31	13	6	1	12,527
No	Seasonal/Migrant Worker	1	3	3	31	28	11	7	4	1	89
No	Unemployed	335	4,585	2,897	18,950	12,896	9,361	4,944	544	67	54,579
No	Unknown	38	81	35	263	187	108	71	17	2	802
Non-Veteran Total		11,103	10,176	5,519	33,978	22,521	15,516	8,575	1,443	340	109,171
Total		11,209	10,355	5,621	34,895	23,238	16,119	9,097	1,599	369	112,502