

NORTH CAROLINA LME-MCO's

**ANNUAL STATISTICS AND ADMISSION
REPORT**

FISCAL YEAR 2020

TITLE: North Carolina Local Management Entity-Managed Care Organization
Annual Statistics and Admission Report
Fiscal Year 2020

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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 2020. 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 2020, 2015, 2010

Indicators	Fiscal Year			Percent Change FY20 vs. FY15
	FY20	FY15	FY10	
Active Caseload Start of Fiscal Year	271,137	256,027	221,313	5.90%
Total Admissions	104,437	111,277	111,483	-6.15%
Total Terminations	127,168	102,142	101,013	24.50%
Active Caseload End of Fiscal Year	248,406	265,162	231,783	-6.32%
Persons Served	375,574	367,304	332,796	2.25%

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 **258,314** active cases on July 1, 2019 and **86,424** total admissions (first and readmissions combined) during the fiscal year. A total of **344,738** persons were served during fiscal year 2020 as indicated by adding first and readmissions to the active cases (excluding those on Inactive Status and TASC Clients) on July 1, 2019. 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 **813** admissions per 100,000 population. The admission rate ranged from a low of **379** per 100,000 reported by Alliance Behavioral to a high of **1,287** per 100,000 population reported by Trillium.

**TABLE I
CLIENT ACTIVITY AND UTILIZATION BY NAME
NORTH CAROLINA LMES
FY2019-2020**

	ADMISSION RATE*	ACL 7/1/2019	TOTAL ADMISSIONS	TERMINATIONS	PERSONS SERVED
Alliance Behavioral	379	69,540	7,488	36,587	77,028
Cardinal Innovations	827	25,656	26,849	23,735	52,505
EastPointe	670	34,340	4,449	2,100	38,789
Partners Behavioral	778	40,574	8,008	6,466	48,582
Sandhills	978	38,918	11,229	9,534	50,147
Trillium	1,287	20,150	19,276	17,873	39,426
Vaya	854	29,136	9,125	8,263	38,261
STATE TOTAL	813	258,314	86,424	104,558	344,738

* Rate per 100,000 N. C. Populaton (2020 Population Estimate.)
Admission Rate = Total Admissions / Population x 100,000.

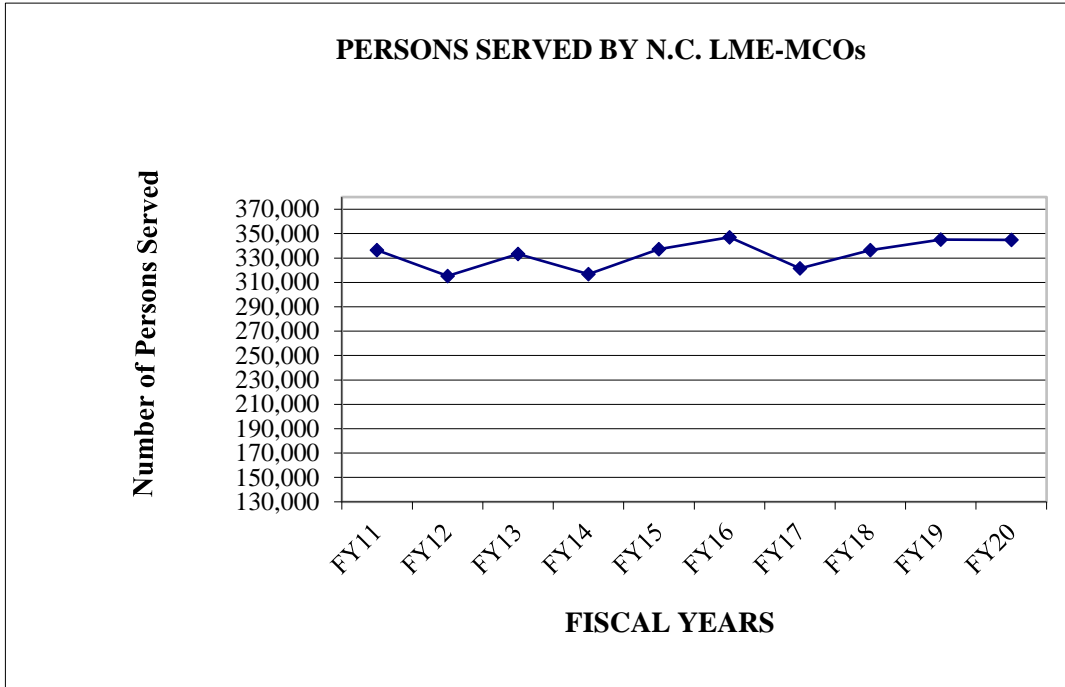
Please Note: There is a difference in Total Admissions, Terminations and Persons Served from the previous pages (Figure 1), when compared to the State Total in Table 1. The reason for this difference is that TASC clients are included in Figure 1, but not Table 1. TASC clients were not included in Table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

FIGURE 2
SELECTED CHARACTERISTICS OF LME/TASC ADMISSIONS AND PERCENT CHANGE OVER TIME
STATE TOTAL FISCAL YEAR 2015-16, 2016-17, 2017-18, 2018-19, 2019-20

CHARACTERISTICS	FY16	FY17	FY18	FY19	FY20	PERCENT		
						FY20 vs. FY19	FY20 vs. FY18	FY20 vs. FY17
TOTAL ADMISSIONS	114,579	111,487	113,299	112,502	104,437	-7.2%	-7.8%	-6.3%
BY DIAGNOSIS								
ALCOHOL	10,047	10,213	10,764	10,717	9,584	-10.6%	-11.0%	-6.2%
DRUG	33,136	34,785	38,618	39,439	34,837	-11.7%	-9.8%	0.1%
I/DD	923	758	410	474	318	-32.9%	-22.4%	-58.0%
MENTALLY ILL	61,500	56,733	54,141	54,943	53,595	-2.5%	-1.0%	-5.5%
NO MENTAL DISORDER	7,103	7,401	8,382	6,492	5,697	-12.2%	-32.0%	-23.0%
UNKNOWN-DEFERRED	1,870	1,597	984	437	406	-7.1%	-58.7%	-74.6%
BY GENDER								
MALE	65,666	64,568	67,314	65,807	60,948	-7.4%	-9.5%	-5.6%
FEMALE	48,913	46,913	45,979	46,693	43,489	-6.9%	-5.4%	-7.3%
UNKNOWN	0	6	6	2	0	-100.0%	-100.0%	-100.0%
BY RACE								
WHITE	71,037	70,225	70,885	71,071	66,936	-5.8%	-5.6%	-4.7%
BLACK	36,628	34,897	35,891	35,132	31,500	-10.3%	-12.2%	-9.7%
AMERICAN INDIAN	1,906	1,689	1,789	1,730	1,689	-2.4%	-5.6%	0.0%
ASIAN/PACIFIC ISLANDER	542	584	595	566	491	-13.3%	-17.5%	-15.9%
MULTI RACIAL	953	903	856	867	895	3.2%	4.6%	-0.9%
OTHER	3,092	2,942	3,118	3,042	2,900	-4.7%	-7.0%	-1.4%
UNKNOWN	421	247	165	94	26	-72.3%	-84.2%	-89.5%

FIGURE 2A
AGE CHARACTERISTICS OF LME/TASC ADMISSIONS AND PERCENT CHANGE OVER TIME
STATE TOTAL FISCAL 2015-16, 2016-17, 2017-18, 2018-19, 2019-20

CHARACTERISTICS	FY16	FY17	FY18	FY19	FY20	PERCENT		
						FY20 vs. FY19	FY20 vs. FY18	FY20 vs. FY17
TOTAL ADMISSIONS	114,579	111,487	113,299	112,502	104,437	-7.2%	-7.8%	-6.3%
BY AGE								
00-04	612	543	447	400	579	44.8%	29.5%	6.6%
05-09	3,753	3,381	2,920	2,876	2,316	-19.5%	-20.7%	-31.5%
10-14	5,541	4,938	4,577	4,972	4,188	-15.8%	-8.5%	-15.2%
15-17	4,549	3,992	3,576	3,535	2,971	-16.0%	-16.9%	-25.6%
18-20	6,431	5,979	5,931	5,727	4,783	-16.5%	-19.4%	-20.0%
21-24	13,518	12,629	12,422	11,244	10,331	-8.1%	-16.8%	-18.2%
25-34	32,355	33,258	34,709	34,678	32,286	-6.9%	-7.0%	-2.9%
35-44	20,844	20,901	22,336	22,739	21,581	-5.1%	-3.4%	3.3%
45-54	16,976	16,303	16,413	15,971	14,941	-6.4%	-9.0%	-8.4%
55-64	8,073	7,832	8,236	8,620	8,456	-1.9%	2.7%	8.0%
65 AND OVER	1,927	1,731	1,732	1,740	2,005	15.2%	15.8%	15.8%



This graph reflects the number of persons served by the 7 LME-MCOs for the time period FY2011 through FY2020. This data reflected in this graph does not include persons on inactive status.

A total of **344,738** clients were served by LMEs during **FY2020** representing a **2.43 %** increase over the **336,564** during **FY 2011**.

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 **375,574** persons were served in the LME-MCOs and TASC during FY20. 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 **375,574** clients served, **69** percent (**258,307**) were mentally ill, **4.73** percent (**17,955**) were developmentally disabled, and **26.49** percent (**99,497**) were substance abusers. Within each disability the percent of children served (0-17) ranged from **0.33** percent (**324**) of substance abusers, to **20.88** percent (**3,710**) of the developmentally disabled. The percent of children served in the mental health category was **12.46** percent (**32,189**).

TABLE 2
NUMBER OF DUPLICATED PERSONS SERVED BY AGE DISABILITY
NORTH CAROLINA'S LME-MCOs AND TASC REGIONS
BY NAME, FY2019-2020

LME	PERSONS SERVED	MENTALLY ILL			DEVELOPMENTAL DISABILITIES			SUBSTANCE ABUSE		
		TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD
Alliance	77,028	58,581	54,454	4,127	3,813	2,973	840	14,634	14,625	9
Cardinal Innovations	52,505	34,573	28,811	5,762	2,996	2,685	311	14,936	14,882	54
Eastpointe	38,789	29,218	26,356	2,862	2,253	1,886	367	7,318	7,302	16
Partners Behavioral	48,582	36,735	34,954	1,781	1,911	1,632	279	9,936	9,927	9
Sandhills	50,147	38,974	28,589	10,385	3,309	2,233	1,076	7,864	7,785	79
Trillium	39,426	25,095	19,478	5,617	1,928	1,300	628	12,403	12,329	74
Vaya	38,261	26,607	24,998	1,609	1,560	1,351	209	10,094	10,067	27
TASC Region 1	8,665	2,313	2,306	7	0	0	0	6,352	6,337	15
TASC Region 2	8,580	2,307	2,298	9	0	0	0	6,273	6,260	13
TASC Region 3	8,661	3,416	3,388	28	0	0	0	5,245	5,226	19
TASC Region 4	4,930	488	486	2	0	0	0	4,442	4,433	9
STATE TOTAL	375,574	258,307	226,118	32,189	17,770	14,060	3,710	99,497	99,173	324

NORTH CAROLINA STATE LME-MCOs AND TASC
TOTAL PERSONS SERVED FY2019-2020
TABLE 2-A

TOTAL PERSONS SERVED	TOTAL PERCENT	TOTAL NUMBER	TOTAL PERSONS SERVED	TOTAL PERCENT	TOTAL NUMBER
	100.0%	375,574		100.0%	
*AGE GROUPS			DIAGNOSIS (con't)		
00-04	0.2%	589	Personality & Other Impulses	0.8%	2,819
05-09	1.5%	5,530	Primary Degenerative Dementia	0.0%	176
10-14	4.3%	16,154	Schizoaffective	2.3%	8,754
15-17	3.7%	13,950	Schizophrenic	3.3%	12,534
18-20	4.4%	16,599	Schizophreniform	0.1%	222
21-24	8.1%	30,416	Sexual	0.0%	142
25-34	25.6%	96,072	Somatoform/Factitious	0.0%	90
35-44	20.4%	76,720	Specific Development	0.3%	1,142
45-54	15.7%	58,827	Substance Abuse (Drugs)	20.1%	75,609
55-64	11.7%	43,823	Unknown	3.4%	12,671
65+	4.5%	16,894	Vascular Dementia	0.0%	57
GENDER			MARITAL STATUS		
Males	53.9%	202,572	Annulled	0.2%	605
Females	46.0%	172,860	Divorced	9.3%	35,070
Unknown	0.0%	142	Domestic partners	0.7%	2,772
RACE			Married	10.5%	39,564
Asian	0.5%	1,730	Separated	5.6%	21,162
Black	30.4%	114,092	Single	71.2%	267,248
White	61.5%	231,029	Unknown	0.8%	3,142
American Indian/Alaskan Native	2.0%	7,674	Widowed	1.6%	6,011
Other	3.5%	13,329	ETHNICITY		
Multi Racial	1.2%	4,520	Hispanic Cuban	0.1%	413
Unknown	0.8%	2,998	Hispanic Mexican American	1.6%	5,961
Pacific Islander	0.1%	202	Hispanic Other	2.7%	10,204
DIAGNOSIS			Hispanic Puerto Rican	0.4%	1,589
Adjustment	4.8%	17,951	Not Hispanic Origin	94.6%	355,241
Alcohol Abuse	5.9%	22,069	Unknown	0.6%	2,166
Alcohol Related Organic	0.5%	1,819			
Anxiety	8.3%	30,988			
Attention Deficit	3.8%	14,129			
Autism & Pervasive Dev.	1.5%	5,710			
Bipolar	8.2%	30,745			
Conduct	2.9%	10,803			
Delusional	0.1%	385			
Diagnosis Deferred	1.9%	7,005			
Dissociative	0.0%	63			
Dysthymia	0.5%	1,805			
Eating and Sleeping Disorders	0.1%	323			
Mental Retardation	2.9%	10,918			
Major Depression	20.0%	74,986			
Medication Induced	0.0%	11			
No Mental Disorder	2.7%	10,033			
Other Childhood Disorders	0.2%	898			
Other Mental Disorders	0.3%	1,235			
Other Nonpsychotic/Mental	4.1%	15,273			
Other Problems Not Mental	0.3%	1,296			
Other Psychotic	0.8%	2,913			

*AGE FOR PERSONS SERVED WAS CALCULATED AS AGE AT 06-30-2020.

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 2019-2020**

State and Counties	Persons Served	State and Counties	Persons Served
North Carolina		North Carolina	
STATE TOTAL *	344,738		
Alliance	77,381	Eastpointe	36,637
Cumberland	16,183	Bladen	1,634
Durham	17,346	Duplin	2,343
Johnston	7,942	Edgecombe	2,302
Wake	35,910	Greene	566
		Lenoir	4,457
Cardinal Innovations	53,719	Robeson	8,840
Alamance	3,685	Sampson	3,471
Cabarrus	3,934	Scotland	2,263
Caswell	449	Wayne	7,259
Chatham	1,339	Wilson	3,502
Davidson	3,939		
Davie	477		
Forsyth	5,552	Partners Behavioral	46,589
Franklin	1,419	Burke	5,070
Granville	1,150	Catawba	8,482
Halifax	2,304	Cleveland	5,544
Mecklenburg	10,971	Gaston	11,261
Orange	3,039	Iredell	6,547
Person	1,345	Lincoln	2,985
Rockingham	1,909	Rutherford	1,360
Rowan	3,757	Surry	3,718
Stanly	2,011	Yadkin	1,622
Stokes	702		
Union	3,213	Sandhills	49,608
Vance	1,893	Anson	1,691
Warren	631	Guilford	21,601
		Harnett	4,673
		Hoke	2,124
		Lee	2,947
		Montgomery	1,643
		Moore	4,108
		Randolph	6,833
		Richmond	3,988

* State Total includes 433 Persons Served that are Out of State and 710 Persons Served with Unknown County of Residence

TABLE 2B cont'd
PERSONS SERVED BY LME-MCO AND COUNTY
FOR THE NORTH CAROLINA LME-MCOs
FY 2019-2020

State and Counties	Persons Served	State and Counties	Persons Served
North Carolina		North Carolina	
STATE TOTAL *	344,738		
Trillium	41,755	VAYA	37,906
Beaufort	2,422	Alexander	1,373
Bertie	648	Alleghany	561
Brunswick	2,265	Ashe	1,288
Camden	227	Avery	814
Carteret	1,652	Buncombe	8,353
Chowan	469	Caldwell	3,593
Columbus	2,580	Cherokee	1,347
Craven	4,779	Clay	401
Currituck	664	Graham	436
Dare	1,177	Haywood	3,906
Gates	262	Henderson	2,102
Hertford	742	Jackson	1,896
Hyde	129	Macon	901
Jones	455	Madison	963
Martin	2,086	McDowell	2,015
Nash	1,371	Mitchell	363
New Hanover	5,840	Polk	289
Northampton	636	Swain	835
Onslow	2,758	Transylvania	1,156
Pamlico	535	Watauga	1,560
Pasquotank	1,568	Wilkes	3,301
Pender	1,230	Yancey	453
Perquimans	445		
Pitt	6,244		
Tyrrell	116		
Washington	455		

* State Total includes 433 Persons Served that are Out of State and 710 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 (**34,837**) accounted for (**33.4%**) of all admissions. However, when looking at Psychiatric Diagnosis only, which represented (**56.69%**) of all diagnosis, major depressive disorders (**18,315**) accounted for (**17.5%**) of all admissions. There were (**8,415**) alcohol abuse admissions which accounted for (**8.1%**) of all admissions.

In the marital category, the largest group is those who are single, representing **70.0%** of all admissions.

TABLE 3
TOTAL ADMISSIONS BY DIAGNOSTIC CATEGORY & MARITAL STATUS
NORTH CAROLINA LME-MCOs, FY2019-20

	TOTAL	
	*PERCENT	NUMBER
TOTAL ADMISSIONS	100.0%	104,437
DIAGNOSTIC CATEGORY **		
Substance Abuse (Drugs)	33.4%	34,837
Major Depression	17.5%	18,315
Alcohol Abuse	8.1%	8,415
Bipolar	6.8%	7,144
Anxiety	7.9%	8,215
No Mental Disorder	5.5%	5,697
Adjustment	5.0%	5,198
Other Nonpsychotic/Mental	3.8%	4,016
Attention Deficit	1.5%	1,597
Schizophrenic	2.8%	2,889
Conduct	1.6%	1,710
Schizoaffective	1.9%	1,978
Unknown	0.2%	210
I/DD	0.3%	318
Personality & Other Impulses	0.8%	825
Autism & Pervasive Dev.	0.4%	402
Diagnosis Deferred	0.2%	196
Dysthymia	0.3%	359
Other Psychotic	0.2%	184
Other Problems Not Mental	0.3%	320
Other Mental Disorders	0.1%	72
Alcohol Related Organic	1.1%	1,169
Specific Development	0.1%	92
Delusional	0.1%	81
Eating and Sleeping Disorders	0.1%	59
Other Childhood Disorders	0.0%	50
Schizophreniform	0.0%	48
Sexual	0.0%	15
Primary Degenerative Dementia	0.0%	1
Somatoform/Factitious	0.0%	11
Dissociative	0.0%	14
Vascular Dementia	0.0%	0
Medication Induced	0.0%	0
MARITAL STATUS		
Single	70.0%	73,095
Married	10.9%	11,380
Divorced	10.2%	10,665
Separated	6.0%	6,280
Widowed	1.7%	1,775
Domestic partners	1.1%	1,184
Unknown	0.0%	9
Annulled	0.0%	49

*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 **58.4%** with females representing **41.6%** of the total admissions.

When looking at race categories during FY20 non-white admissions numbered **37,501** or **35.9%** of the total reported. Of the non-white admissions reported **1.6%** was American Indians.

The age group composition of LME-MCO's admissions reflects that **30.9%** fell within the 25 to 34 age group. When admissions are grouped by the three major age groups, **9.6%** were 0-17, **88.5%** was between 18-64 years of age and **1.9%** were 65 years and older.

TABLE 3A
TOTAL ADMISSIONS BY RACE,SEX AND AGE
NORTH CAROLINA LME-MCOs
FY2019-2020

	TOTAL	
	*PERCENT	NUMBER
TOTAL ADMISSIONS	100.0%	104,437
RACE		
WHITE	64.1%	66,936
BLACK	30.2%	31,500
AMERICAN INDIAN	1.6%	1,689
ASIAN/PACIFIC ISLANDER	0.5%	491
MULTI RACIAL	0.9%	895
OTHER	2.8%	2,900
UNKNOWN	0.0%	26
GENDER		
MALE	58.4%	60,948
FEMALE	41.6%	43,489
UNKNOWN	0.0%	0
AGE		
00-04	0.6%	579
05-09	2.2%	2,316
10-14	4.0%	4,188
15-17	2.8%	2,971
18-20	4.6%	4,783
21-24	9.9%	10,331
25-34	30.9%	32,286
35-44	20.7%	21,581
45-54	14.3%	14,941
55-64	8.1%	8,456
65 AND OVER	1.9%	2,005

*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, FY2019-2020

LME	Children Admissions (0-17)	Child Admission Rate	Adult Admissions (18 And Older)	Adult Admissions Rate	Total Admissions	Total Admission Rate
Alliance Behavioral	526	112	6,962	462	7,488	379
Cardinal Innovations	2,366	330	24,483	967	26,849	827
Eastpointe	212	139	4,237	828	4,449	670
Partners Behavioral	324	151	7,684	944	8,008	778
Sandhills	2,811	1,088	8,418	947	11,229	978
Trillium	3,129	990	16,147	1,366	19,276	1,287
Vaya	471	246	8,654	987	9,125	854
State Total	9,839	424	76,585	921	86,424	813

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

TABLE 3B

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 **104,437** clients admitted, **56.69% (59,204)** were mentally ill, **0.78% (812)** were developmentally disabled, and **42.53% (44,421)** were substance abusers. Within each disability the percent of children served (0-17) ranged from **0.72% (320)** of substance abusers, to **51.97% (422)** of the developmentally disabled. The percent of children served in the mental health category was **15.73% (9,312)**.

TABLE 3B
NUMBER OF DUPLICATED ADMISSIONS BY AGE DISABILITY
NORTH CAROLINA'S LME-MCOs AND TASC REGIONS
BY NAME, FY2019-2020

LME	TOTAL ADMS	MENTALLY ILL			DEVELOPMENTAL DISABILITIES			SUBSTANCE ABUSE		
		TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD
Alliance	7,488	5,648	5,162	486	84	48	36	1,756	1,752	4
Cardinal Innovations	26,849	15,319	13,023	2,296	98	73	25	11,432	11,387	45
Eastpointe	4,449	2,952	2,760	192	46	31	15	1,451	1,446	5
Partners Behavioral Health	8,008	5,593	5,299	294	68	48	20	2,347	2,337	10
Sandhills	11,229	8,395	5,808	2,587	264	91	173	2,570	2,519	51
Trillium	19,276	10,741	7,820	2,921	244	95	149	8,291	8,232	59
Vaya	9,125	5,244	4,802	442	8	4	4	3,873	3,848	25
TASC Region 1	4,811	1,318	1,300	18	0	0	0	3,493	3,466	27
TASC Region 2	4,435	1,199	1,180	19	0	0	0	3,236	3,195	41
TASC Region 3	5,768	2,475	2,422	53	0	0	0	3,293	3,254	39
TASC Region 4	2,999	320	316	4	0	0	0	2,679	2,665	14
TOTAL	104,437	59,204	49,892	9,312	812	390	422	44,421	44,101	320

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 **99,774** clients admitted, **58.41% (58,276)** were mentally ill, **0.81% (810)** were developmentally disabled, and **40.78% (40,688)** were substance abusers. Within each disability the percent of children served (0-17) ranged from **0.76% (311)** of substance abusers, to **52.10% (422)** of the developmentally disabled. The percent of children served in the mental health category was **15.89% (9,261)**.

TABLE 3C
NUMBER OF UNDUPLICATED ADMISSIONS BY AGE DISABILITY
NORTH CAROLINA'S LME-MCOs AND TASC REGIONS
BY NAME, FY2019-2020

LME	TOTAL ADMS	MENTALLY ILL			DEVELOPMENTAL DISABILITIES			SUBSTANCE ABUSE		
		TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD
Alliance	7,465	5,631	5,146	485	84	48	36	1,750	1,746	4
Cardinal Innovations	24,692	14,938	12,658	2,280	96	71	25	9,658	9,615	43
Eastpointe	4,415	2,939	2,748	191	46	31	15	1,430	1,425	5
Partners Behavioral Health	7,806	5,470	5,176	294	68	48	20	2,268	2,258	10
Sandhills	11,089	8,339	5,764	2,575	264	91	173	2,486	2,435	51
Trillium	17,918	10,554	7,650	2,904	244	95	149	7,120	7,063	57
Vaya	8,888	5,195	4,754	441	8	4	4	3,685	3,660	25
TASC Region 1	4,704	1,289	1,272	17	0	0	0	3,415	3,388	27
TASC Region 2	4,372	1,192	1,173	19	0	0	0	3,180	3,140	40
TASC Region 3	5,510	2,417	2,366	51	0	0	0	3,093	3,058	35
TASC Region 4	2,915	312	308	4	0	0	0	2,603	2,589	14
TOTAL	99,774	58,276	49,015	9,261	810	388	422	40,688	40,377	311

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 **31.6%** of terminations versus **33.4%** of admissions. Adjustment disorders accounted for **4.8%** of terminations versus **5.0%** of admissions while major depression disorders accounted for **18.1%** of terminations versus **17.5 %** at admission.

TABLE 4
TOTAL TERMINATIONS BY DIAGNOSTIC CATEGORY, RACE, SEX AND AGE
NORTH CAROLINA LME-MCOs, FY2019-2020

	TOTAL	
	PERCENT*	NUMBER
TOTAL TERMINATIONS	100.0%	127,168
DIAGNOSTIC CATEGORY **		
Adjustment	4.8%	6,081
Alcohol Abuse	8.6%	10,935
Alcohol Related Organic	0.9%	1,158
Anxiety	7.7%	9,781
Attention Deficit	1.8%	2,269
Autism & Pervasive Dev.	0.5%	679
Bipolar	6.9%	8,774
Conduct	1.8%	2,274
Delusional	0.1%	111
Diagnosis Deferred	0.9%	1,124
Dissociative	0.0%	9
Dysthymia	0.4%	488
Eating and Sleeping Disorders	0.1%	76
I/DD	0.4%	559
Major Depression	18.1%	22,992
Medication Induced	0.0%	0
No Mental Disorder	5.3%	6,719
Other Childhood Disorders	0.1%	99
Other Mental Disorders	0.2%	236
Other Nonpsychotic/Mental	3.6%	4,520
Other Problems Not Mental	0.3%	332
Other Psychotic	0.5%	617
Personality & Other Impulses	0.7%	900
Primary Degenerative Dementia	0.0%	35
Schizoaffective	1.7%	2,188
Schizophrenic	2.6%	3,318
Schizophreniform	0.1%	66
Sexual	0.0%	27
Somatoform/Factitious	0.0%	17
Specific Development	0.1%	116
Substance Abuse (Drugs)	31.6%	40,234
Unknown	0.3%	427
Vascular Dementia	0.0%	7
RACE		
White	59.1%	75,155
Black	32.5%	41,338
American Indian	1.3%	1,601
Asian/Pacific Islander	0.5%	688
Multi Racial	1.7%	2,110
Other	4.3%	5,489
Unknown	0.6%	787
AGE GROUPS		
00-04	0.1%	157
05-09	1.5%	1,966
10-14	3.2%	4,018
15-17	2.6%	3,311
18-20	3.9%	4,960
21-24	8.5%	10,758
25-34	30.2%	38,413
35-44	22.0%	27,972
45-54	15.2%	19,389
55-64	10.1%	12,823
65 AND OVER	2.7%	3,401
GENDER		
Male	58.5%	74,358
Female	41.5%	52,759
Unknown	0.0%	51

*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 6-30-20 and the disability of the client was based on the diagnosis assigned to the client on the NCTRACKS Paid Claims.

A total of **366,023** persons were served in the LME-MCO's during FY2020. 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, FY2019-2020

LME	PERSON SERVED	MENTALLY ILL			DEVELOPMENTAL DISABILITIES			SUBSTANCE ABUSE		
		TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD
Alliance	75,872	57,693	53,584	4,109	3,808	2,970	838	14,371	14,362	9
Cardinal Innovations	49,426	33,797	28,075	5,722	2,994	2,683	311	12,635	12,583	52
Eastpointe	38,665	29,159	26,298	2,861	2,253	1,886	367	7,253	7,237	16
Partners Behavioral Health	48,186	36,501	34,721	1,780	1,910	1,632	278	9,775	9,766	9
Sandhills	49,501	38,559	28,254	10,305	3,308	2,232	1,076	7,634	7,555	79
Trillium	37,370	24,650	19,085	5,565	1,927	1,299	628	10,793	10,722	71
Vaya	37,515	26,338	24,740	1,598	1,560	1,351	209	9,617	9,590	27
TASC Region 1	8,309	2,248	2,242	6	0	0	0	6,061	6,046	15
TASC Region 2	8,335	2,266	2,257	9	0	0	0	6,069	6,056	13
TASC Region 3	8,111	3,274	3,248	26	0	0	0	4,837	4,819	18
TASC Region 4	4,733	476	474	2	0	0	0	4,257	4,248	9
STATE TOTAL	366,023	254,961	222,978	31,983	17,760	14,053	3,707	93,302	92,984	318

Table 6

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

Table 7

The data in these tables reflects the drug of choice for all 44,421 LME/TASC admissions with a substance abuse principal diagnosis.

Alcohol was the drug of choice for **(11,779)** admissions which represented **26.52%** of all substance abuse admissions.
Marijuana/Hashish was the drug of choice **(9,041)** admissions which represented **20.35%** of all substance abuse admissions.
Other Opiates was the drug of choice for **(4,974)** admissions which **11.20%** of all substance abuse admissions.

Table 7
 Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice
 FY2019-2020

LME	Drug of Choice	Total Admissions
State Total		44,421
Alliance Behavioral	Alcohol	534
	Benzodiazepine (Valium Librium Tranxene)	3
	Cocaine/Crack	155
	Heroin	547
	Marijuana/Hashish (Cannibus)	152
	Methamphetamine (Ice)	32
	Non-Prescription Methadone	8
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	1
	Other Amphetamines (Dextroamphetamine Dexedrine)	4
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	2
	Other Opiates and Synthetics (Morphine Codeine Dil)	194
	Other Stimulants (e.g. caffeine)	9
	PCP (Phencyclidine)	2
	Unknown	113
	Alliance Behavioral Total	

Table 7 cont'd
 Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice
 FY2019-2020

LME	Drug of Choice	Total Admissions
State Total		44,421
Cardinal Innovations	Alcohol	4,198
	Barbiturates (Phenobarbital Secobarbital Pentobarb)	2
	Benzodiazepine (Valium Librium Tranxene)	51
	Cocaine/Crack	1,660
	Heroin	2,393
	Inhalants (e.g., nitrites, Freon, glue, turpentine, paint thinner, rubbing alcohol, gasoline)	2
	Marijuana/Hashish (Cannibus)	1,550
	Methamphetamine (Ice)	339
	Non-Prescription Methadone	58
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	5
	Other Amphetamines (Dextroamphetamine Dexedrine)	52
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	7
	Other Opiates and Synthetics (Morphine Codeine Dil)	850
	Other Sedatives or Hypnotics (Doriden Quaalude)	20
	Other Stimulants (e.g. caffeine)	5
	Over the counter drugs (e.g diet tablets cough syr	1
	Tobacco	7
Unknown	232	
Cardinal Innovations Total		11,432

Table 7 cont'd
 Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice
 FY2019-2020

LME	Drug of Choice	Total Admissions
State Total		44,421
Eastpointe	Alcohol	254
	Benzodiazepine (Valium Librium Tranxene)	6
	Cocaine/Crack	193
	Heroin	302
	Marijuana/Hashish (Cannibus)	296
	Methamphetamine (Ice)	72
	Non-Prescription Methadone	7
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	3
	Other Amphetamines (Dextroamphetamine Dexedrine)	8
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	1
	Other Opiates and Synthetics (Morphine Codeine Dil)	251
	Other Sedatives or Hypnotics (Doriden Quaalude)	3
	Other Stimulants (e.g. caffeine)	11
	PCP (Phencyclidine)	3
	Tobacco	1
	Unknown	40
Eastpointe Total		1,451
Partners Behavioral Health	Alcohol	640
	Benzodiazepine (Valium Librium Tranxene)	23
	Cocaine/Crack	117
	Heroin	344
	Inhalants (e.g., nitrites, Freon, glue, turpentine, paint thinner, rubbing alcohol, gasoline)	3
	Marijuana/Hashish (Cannibus)	261
	Methamphetamine (Ice)	401
	Non-Prescription Methadone	7
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	2
	Other Amphetamines (Dextroamphetamine Dexedrine)	22
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	1
	Other Opiates and Synthetics (Morphine Codeine Dil)	431
	Other Sedatives or Hypnotics (Doriden Quaalude)	3
	Other Stimulants (e.g. caffeine)	37
	Over the counter drugs (e.g diet tablets cough syr	1
	Tobacco	3
	Unknown	51
Partners Behavioral Total		2,347

Table 7 cont'd
 Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice
 FY2019-2020

LME	Drug of Choice	Total Admissions
State Total		44,421
Sandhills	Alcohol	661
	Benzodiazepine (Valium Librium Tranxene)	11
	Cocaine/Crack	265
	Heroin	666
	Inhalants (e.g., nitrites, Freon, glue, turpentine, paint thinner, rubbing alcohol, gasoline)	1
	Marijuana/Hashish (Cannibus)	355
	Methamphetamine (Ice)	168
	Non-Prescription Methadone	3
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	2
	Other Amphetamines (Dextroamphetamine Dexedrine)	3
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	7
	Other Opiates and Synthetics (Morphine Codeine Dil)	307
	Other Sedatives or Hypnotics (Doriden Quaalude)	3
	Other Stimulants (e.g. caffeine)	4
	PCP (Phencyclidine)	2
	Tobacco	4
	Unknown	108
Sandhills Total		2,570
Trillium	Alcohol	2,758
	Benzodiazepine (Valium Librium Tranxene)	25
	Cocaine/Crack	884
	Heroin	2,160
	Inhalants (e.g., nitrites, Freon, glue, turpentine, paint thinner, rubbing alcohol, gasoline)	2
	Marijuana/Hashish (Cannibus)	1,005
	Methamphetamine (Ice)	111
	Non-Prescription Methadone	25
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	11
	Other Amphetamines (Dextroamphetamine Dexedrine)	9
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	4
	Other Opiates and Synthetics (Morphine Codeine Dil)	971
	Other Sedatives or Hypnotics (Doriden Quaalude)	10
	Other Stimulants (e.g. caffeine)	1
	PCP (Phencyclidine)	10
	Tobacco	11
	Unknown	294
Trillium Total		8,291

Table 7 cont'd
 Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice
 FY2019-2020

LME	Drug of Choice	Total Admissions
State Total		44,421
Vaya	Alcohol	1,190
	Benzodiazepine (Valium Librium Tranxene)	24
	Cocaine/Crack	126
	Heroin	385
	Inhalants (e.g., nitrites, Freon, glue, turpentine, paint thinner, rubbing alcohol, gasoline)	1
	Marijuana/Hashish (Cannibus)	267
	Methamphetamine (Ice)	703
	Non-Prescription Methadone	14
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	6
	Other Amphetamines (Dextroamphetamine Dexedrine)	72
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	2
	Other Opiates and Synthetics (Morphine Codeine Dil)	961
	Other Sedatives or Hypnotics (Doriden Quaalude)	16
	Other Stimulants (e.g. caffeine)	45
	PCP (Phencyclidine)	1
	Tobacco	5
	Unknown	55
Vaya Total		3,873

Table 7 cont'd
 Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice
 FY2019-2020

LME	Drug of Choice	Total Admissions
State Total		44,421
TASC	Alcohol	1,544
	Barbiturates (Phenobarbital Secobarbital Pentobarb)	1
	Benzodiazepine (Valium Librium Tranxene)	61
	Cocaine/Crack	1,450
	Heroin	1,356
	Inhalants (e.g., nitrites, Freon, glue, turpentine, paint thinner, rubbing alcohol, gasoline)	2
	Marijuana/Hashish (Cannibus)	5,155
	Methamphetamine (Ice)	1,886
	Non-Prescription Methadone	4
	None (e.g client in remission)	63
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	28
	Other Amphetamines (Dextroamphetamine Dexedrine)	102
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	7
	Other Opiates and Synthetics (Morphine Codeine Dil)	1,009
	Other Sedatives or Hypnotics (Doriden Quaalude)	12
	Other Stimulants (e.g. caffeine)	6
	Other Tranquilizers (Thorazine Haldol)	4
	PCP (Phencyclidine)	11
TASC Total		12,701

Table 7 cont'd
 Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice
 FY2019-2020

	Drug of Choice	Total Admissions	%
Total	Alcohol	11,779	26.52%
	Barbiturates (Phenobarbital Secobarbital Pentobarb)	3	0.01%
	Benzodiazepine (Valium Librium Tranxene)	204	0.46%
	Cocaine/Crack	4,850	10.92%
	Heroin	8,153	18.35%
	Inhalants (e.g., nitrites, Freon, glue, turpentine, paint thinner, rubbing alcohol, gasoline)	11	0.02%
	Marijuana/Hashish (Cannibus)	9,041	20.35%
	Methamphetamine (Ice)	3,712	8.36%
	Non-Prescription Methadone	126	0.28%
	None (e.g client in remission)	63	0.14%
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	58	0.13%
	Other Amphetamines (Dextroamphetamine Dexedrine)	272	0.61%
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	31	0.07%
	Other Opiates and Synthetics (Morphine Codeine Dil)	4,974	11.20%
	Other Sedatives or Hypnotics (Doriden Quaalude)	67	0.15%
	Other Stimulants (e.g. caffeine)	118	0.27%
	Other Tranquilizers (Thorazine Haldol)	4	0.01%
	Over the counter drugs (e.g diet tablets cough syr	2	0.00%
	PCP (Phencyclidine)	29	0.07%
	Tobacco	31	0.07%
Unknown	893	2.01%	
	Total	44,421	

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 FY2020 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	1	2	1	1	0	0	5
Yes	American Indian Alaskan Native	0	1	0	12	5	9	2	0	0	29
Yes	Asian	0	1	0	3	4	1	1	1	0	11
Yes	Black	27	45	29	226	167	164	207	82	4	951
Yes	Multiracial	2	2	2	6	4	1	2	0	0	19
Yes	Other	3	4	3	33	26	12	5	0	0	86
Yes	White	69	86	72	545	424	303	186	73	22	1,780
Veteran Total		101	139	106	826	632	491	404	156	26	2,881
No	Alaskan Native	8	5	7	26	24	22	7	1	0	100
No	American Indian Alaskan Native	72	116	75	576	372	217	115	12	0	1,555
No	Asian	59	60	29	128	77	40	25	5	1	424
No	Black	3,255	2,831	1,663	8,872	5,630	4,642	2,994	581	81	30,549
No	Multiracial	141	132	61	306	141	66	24	3	2	876
No	Other	336	505	250	890	441	248	119	21	4	2,814
No	Pacific Islander	8	3	3	24	11	5	2	0	0	56
No	Unknown	14	2	0	1	2	3	3	0	1	26
No	White	5,568	5,068	3,090	20,657	14,872	9,390	5,149	1,060	302	65,156
Non-Veteran Total		9,461	8,722	5,178	31,480	21,570	14,633	8,438	1,683	391	101,556
Total		9,562	8,861	5,284	32,306	22,202	15,124	8,842	1,839	417	104,437

CDW FY2020 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	1	0	1	2	0	0	0	0	4
Yes	Hispanic Mexican American	1	0	1	4	3	1	0	1	0	11
Yes	Hispanic Other	1	2	1	20	13	9	1	1	0	48
Yes	Hispanic Puerto Rican	2	1	0	3	3	1	0	0	0	10
Yes	Not Hispanic Origin	97	135	104	798	611	480	403	154	26	2,808
Veteran Total		101	139	106	826	632	491	404	156	26	2,881
No	Hispanic Cuban	8	7	2	22	13	11	10	1	0	74
No	Hispanic Mexican American	270	238	107	372	154	78	28	3	2	1,252
No	Hispanic Other	539	352	148	599	378	237	92	14	7	2,366
No	Hispanic Puerto Rican	44	39	28	117	67	49	15	6	1	366
No	Not Hispanic Origin	8,595	8,083	4,891	30,364	20,954	14,252	8,291	1,659	380	97,469
No	Unknown	5	3	2	6	4	6	2	0	1	29
Non-Veteran Total		9,461	8,722	5,178	31,480	21,570	14,633	8,438	1,683	391	101,556
Total		9,562	8,861	5,284	32,306	22,202	15,124	8,842	1,839	417	104,437

CDW FY2020 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	4	0	5	1	1	1	0	0	12
Yes	Employed full time	1	40	36	262	186	103	37	4	0	669
Yes	Employed part time	3	17	8	102	53	50	32	4	0	269
Yes	Not in work force homemaker	1	3	0	4	5	2	4	2	0	21
Yes	Not in work force not available for work	2	2	5	23	33	70	78	37	2	252
Yes	Not in work force retired	2	0	0	1	9	7	39	73	22	153
Yes	Not in work force student	90	18	2	6	3	1	3	0	0	123
Yes	Seasonal/Migrant Worker	0	0	0	1	0	1	2	0	0	4
Yes	Unemployed	2	54	54	417	341	250	204	35	2	1,359
Yes	Unknown	0	1	1	5	1	6	4	1	0	19
Veteran Total		101	139	106	826	632	491	404	156	26	2,881
No	Armed Forces/National Guard	0	1	1	2	1	0	0	0	0	5
No	Employed full time	24	1,622	1,278	7,430	4,748	2,497	901	66	5	18,571
No	Employed part time	66	1,348	699	3,626	2,197	1,303	638	67	13	9,957
No	Not in work force homemaker	12	33	25	273	243	124	70	24	9	813
No	Not in work force not available for work	581	212	109	961	1,128	1,465	1,511	327	37	6,331
No	Not in work force retired	6	2	3	8	13	58	317	571	248	1,226
No	Not in work force student	8,448	1,349	207	397	90	34	14	2	2	10,543
No	Seasonal/Migrant Worker	0	4	12	40	24	16	9	0	0	105
No	Unemployed	280	4,093	2,813	18,524	12,977	9,044	4,917	609	74	53,331
No	Unknown	44	58	31	219	149	92	61	17	3	674
Non-Veteran Total		9,461	8,722	5,178	31,480	21,570	14,633	8,438	1,683	391	101,556
Total		9,562	8,861	5,284	32,306	22,202	15,124	8,842	1,839	417	104,437