NORTH CAROLINA LME-MCO's

ANNUAL STATISTICS AND ADMISSION REPORT

FISCAL YEAR 2021

TITLE: North Carolina Local Management Entity-Managed Care Organization
Annual Statistics and Admission Report
Fiscal Year 2021

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) 855-3056

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: January 2022

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 2021. 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 2021, 2016, 2011

Indicators	Fiscal Year			Percent Change
	FY21	FY16	FY11	FY21 vs. FY16
Active Caseload Start of Fiscal Year	230,027	265,771	239,011	-13.45%
Total Admissions	90,067	114,579	121,169	-21.39%
Total Terminations	77,863	127,761	149,214	-39.06%
Active Caseload End of Fiscal Year	242,231	252,589	210,966	-4.10%
Persons Served	320,094	380,350	360,180	-15.84%

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 **221,812** active cases on July 1, 2020 and **74,465** total admissions (first and readmissions combined) during the fiscal year. A total of **296,277** persons were served during fiscal year 2021 as indicated by adding first and readmissions to the active cases (excluding those on Inactive Status and TASC Clients) on July 1, 2020. 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 **699** admissions per 100,000 population. The admission rate ranged from a low of **332** per 100,000 reported by Alliance Behavioral to a high of **1,048** per 100,000 population reported by Trillium.

TABLE I
CLIENT ACTIVITY AND UTILIZATION BY NAME
NORTH CAROLINA LMES
FY2020-2021

	ADMISSION RATE*	ACL 7/1/2020	TOTAL ADMISSIONS	TERMINATIONS	PERSONS SERVED
Alliance Behavioral	332	40,581	6,614	2,380	47,195
Cardinal Innovations	684	25,872	22,268	20,132	48,140
EastPointe	509	36,425	3,378	1,052	39,803
Partners Behavioral	670	34,103	6,929	4,898	41,032
Sandhills	946	37,696	10,787	14,333	48,483
Trillium	1,048	19,120	15,813	12,373	34,933
Vaya	816	28,015	8,676	6,887	36,691
STATE TOTAL	699	221,812	74,465	62,055	296,277

* Rate per 100,000 N. C. Populaton (2021 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 2016-17, 2017-18, 2018-19, 2019-20, 2020-21

CHARACTERISTICS	FY17	FY18	FY19	FY20	FY21	PERCENT FY21 vs. FY20	FY21 vs. FY19	FY21 vs. FY18
TOTAL ADMISSIONS	111,487	113,299	112,502	104,437	90,067	-13.8%	-19.9%	-20.5%
BY DIAGNOSIS								
ALCOHOL	10,213	10,764	10,717	9,584	8,396	-12.4%	-21.7%	-22.0%
DRUG	34,785	38,618	39,439	34,837	31,138	-10.6%	-21.0%	-19.4%
I/DD	758	410	474	318	310	-2.5%	-34.6%	-24.4%
MENTALLY ILL	56,733	54,141	54,943	53,595	45,057	-15.9%	-18.0%	-16.8%
NO MENTAL DISORDER	7,401	8,382	6,492	5,697	4,914	-13.7%	-24.3%	-41.4%
UNKNOWN-DEFERRED	1,597	984	437	406	252	-37.9%	-42.3%	-74.4%
BY GENDER								
MALE	64,568	67,314	65,807	60,948	54,012	-11.4%	-17.9%	-19.8%
FEMALE	46,913	45,979	46,693	43,489	36,054	-17.1%	-22.8%	-21.6%
UNKNOWN	6	6	2	0	1	0.0%	-50.0%	-83.3%
BY RACE								
WHITE	70,225	70,885	71,071	66,936	59,230	-11.5%	-16.7%	-16.4%
BLACK	34,897	35,891	35,132	31,500	26,285	-16.6%	-25.2%	-26.8%
AMERICAN INDIAN	1,689	1,789	1,730	1,689	1,376	-18.5%	-20.5%	-23.1%
ASIAN/PACIFIC ISLANDER	584	595	566	491	503	2.4%	-11.1%	-15.5%
MULTI RACIAL	903	856	867	895	603	-32.6%	-30.4%	-29.6%
OTHER	2,942	3,118	3,042	2,900	2,048	-29.4%	-32.7%	-34.3%
UNKNOWN	247	165	94	26	22	-15.4%	-76.6%	-86.7%

FIGURE 2A
AGE CHARACTERISTICS OF LME/TASC ADMISSIONS AND PERCENT CHANGE OVER TIME
STATE TOTAL FISCAL YEAR 2016-17, 2017-18, 2018-19, 2019-20, 2020-21

						PERCENT		
CHARACTERISTICS	FY17	FY18	FY19	FY20	FY21	FY21 vs. FY20	FY21 vs. FY19	FY21 vs. FY18
TOTAL ADMISSIONS	111,487	113,299	112,502	104,437	90,067	-13.8%	-19.9%	-20.5%
BY AGE								
00-04	543	447	400	579	537	-7.3%	34.3%	20.1%
05-09	3,381	2,920	2,876	2,316	1,662	-28.2%	-42.2%	-43.1%
10-14	4,938	4,577	4,972	4,188	3,425	-18.2%	-31.1%	-25.2%
15-17	3,992	3,576	3,535	2,971	2,427	-18.3%	-31.3%	-32.1%
18-20	5,979	5,931	5,727	4,783	3,556	-25.7%	-37.9%	-40.0%
21-24	12,629	12,422	11,244	10,331	8,260	-20.0%	-26.5%	-33.5%
25-34	33,258	34,709	34,678	32,286	28,429	-11.9%	-18.0%	-18.1%
35-44	20,901	22,336	22,739	21,581	20,151	-6.6%	-11.4%	-9.8%
45-54	16,303	16,413	15,971	14,941	12,696	0.0%	-20.5%	-22.6%
55-64	7,832	8,236	8,620	8,456	7,079	-16.3%	-17.9%	-14.0%
65 AND OVER	1,731	1,732	1,740	2,005	1,845	-8.0%	6.0%	6.5%

PERSONS SERVED BY N.C. LME-MCOs
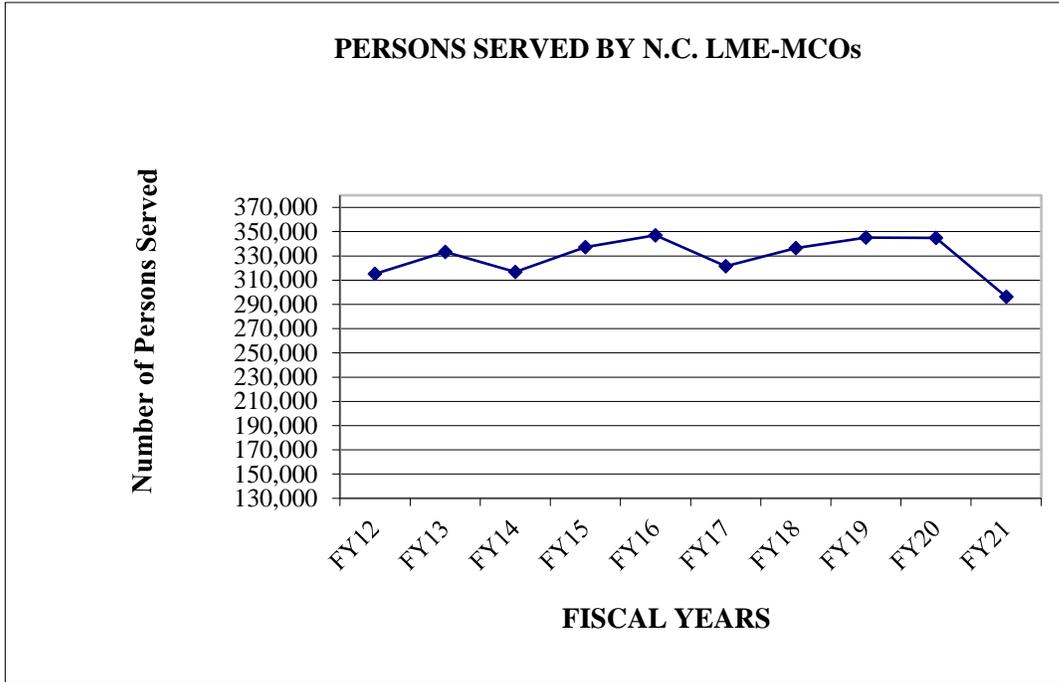
This graph reflects the number of persons served by the **7** LME-MCOs for the time period
FY2012 through FY2021. This data reflected in this graph does not include persons
on inactive status.

A total of **296,277** clients were served by LMEs during **FY2021** representing a **-6.03 %**
decrease over the **315,284** during **FY2012.**

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 6-30-21 and the disability of the client was based on the diagnosis assigned to the client on the NCTRACKS paid claim.

A total of **320,094** persons were served in the LME-MCOs and TASC during FY21. 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 **320,094** clients served, **68** percent (**218,909)** were mentally ill, **5.11** percent **(16,342)** were developmentally disabled, and **26.51** percent (**84,843**) were substance abusers. Within each disability the percent of children served (0-17) ranged from **0.22** percent (**183**) of substance abusers, to **18.45** percent (**3,015)** of the developmentally disabled. The percent of children served in the mental health category was **11.65** percent **(25,513**).

TABLE 2
NUMBER OF DUPLICATED PERSONS SERVED BY AGE DISABILITY
NORTH CAROLINA'S LME-MCOs AND TASC REGIONS
BY NAME, FY2020-2021

LME	PERSONS SERVED	MENTALLY ILL			DEVELOPMENTAL DISABILITIES			SUBSTANCE ABUSE		
		TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD
Alliance	47,195	34,986	32,278	2,708	3,012	2,556	456	9,197	9,195	2
Cardinal Innovations	48,140	31,877	27,646	4,231	2,817	2,564	253	13,446	13,419	27
Eastpointe	39,803	29,553	27,197	2,356	2,241	1,933	308	8,009	7,996	13
Partners Behavioral	41,032	29,955	28,630	1,325	1,666	1,477	189	9,411	9,407	4
Sandhills	48,483	37,851	28,609	9,242	3,438	2,301	1,137	7,194	7,143	51
Trillium	34,933	22,150	18,006	4,144	1,732	1,238	494	11,051	10,992	59
VAYA	36,691	25,836	24,334	1,502	1,436	1,258	178	9,419	9,397	22
TASC Region 1	7,332	1,857	1,855	2	0	0	0	5,475	5,471	4
TASC Region 2	5,897	1,847	1,846	1	0	0	0	4,050	4,049	1
TASC Region 3	6,523	2,621	2,620	1	0	0	0	3,902	3,902	0
TASC Region 4	4,065	376	375	1	0	0	0	3,689	3,689	0
STATE TOTAL	320,094	218,909	193,396	25,513	16,342	13,327	3,015	84,843	84,660	183

	TOTAL PERCENT	TOTAL NUMBER		TOTAL PERCENT	TOTAL NUMBER
TOTAL PERSONS SERVED	100.0%	320,094	**TOTAL PERSONS SERVED**	100.0%	
*AGE GROUPS			**DIAGNOSIS (con't)**		
00-04	0.2%	524	Personality & Other Impulses	0.7%	2,256
05-09	1.3%	4,052	Primary Degenerative Dementia	0.0%	131
10-14	3.9%	12,373	Schizoaffective	2.5%	8,041
15-17	3.7%	11,762	Schizophrenic	3.6%	11,501
18-20	4.1%	13,125	Schizophreniform	0.1%	200
21-24	8.0%	25,556	Sexual	0.0%	156
25-34	25.5%	81,554	Somatoform/Factitious	0.0%	83
35-44	21.1%	67,620	Specific Development	0.3%	1,041
45-54	15.5%	49,690	Substance Abuse (Drugs)	20.4%	65,245
55-64	11.7%	37,593	Unknown	3.3%	10,635
65+	5.1%	16,245	Vascular Dementia	0.0%	52
GENDER					
Males	54.0%	172,848			
Females	46.0%	147,157			
Unknown	0.0%	89	**MARITAL STATUS**		
RACE					
			Annulled	0.2%	539
Asian	0.5%	1,461	Divorced	9.4%	30,133
Black	29.6%	94,808	Domestic partners	0.8%	2,431
White	63.1%	201,986	Married	10.6%	33,828
American Indian/Alaskan Native	2.3%	7,252	Separated	5.6%	17,919
Other	2.9%	9,402	Single	71.1%	227,502
Multi Racial	0.9%	2,833	Unknown	0.8%	2,531
Unknown	0.7%	2,165	Widowed	1.6%	5,211
Pacific Islander	0.1%	187			
DIAGNOSIS			**ETHNICITY**		
Adjustment	4.8%	15,495	Hispanic Cuban	0.1%	354
Alcohol Abuse	5.6%	17,894	Hispanic Mexican American	1.4%	4,571
Alcohol Related Organic	0.5%	1,704	Hispanic Other	2.5%	7,961
Anxiety	8.4%	26,865	Hispanic Puerto Rican	0.4%	1,287
Attention Deficit	3.8%	12,200	Not Hispanic Origin	95.1%	304,459
Autism & Pervasive Dev.	1.6%	5,135	Unknown	0.5%	1,462
Bipolar	8.2%	26,226			
Conduct	2.8%	8,940			
Delusional	0.1%	339			
Diagnosis Deferred	1.7%	5,497			
Dissociative	0.0%	64			
Dysthymia	0.5%	1,464			
Eating and Sleeping Disorders	0.1%	272			
Mental Retardation	3.2%	10,166			
Major Depression	19.2%	61,372			
Medication Induced	0.0%	11			
No Mental Disorder	2.5%	8,151			
Other Childhood Disorders	0.2%	778			
Other Mental Disorders	0.3%	991			
Other Nonpsychotic/Mental	4.3%	13,761			
Other Problems Not Mental	0.3%	1,090			
Other Psychotic	0.7%	2,338			

*AGE FOR PERSONS SERVED WAS CALCULATED AS AGE AT 06-30-2021.

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 2020-2021

State and Counties	Persons Served	State and Counties	Persons Served
North Carolina		**North Carolina**	
STATE TOTAL *	**296,277**		
Alliance	**47,533**	**Eastpointe**	**37,743**
Cumberland	10,444	Bladen	1,663
Durham	11,342	Duplin	2,402
Johnston	4,871	Edgecombe	2,307
Wake	20,876	Greene	588
		Lenoir	4,529
Cardinal Innovations	**49,402**	Robeson	9,284
Alamance	3,463	Sampson	3,511
Cabarrus	3,733	Scotland	2,398
Caswell	406	Wayne	7,512
Chatham	1,277	Wilson	3,549
Davidson	3,650		
Davie	437		
Forsyth	4,748	**Partners Behavioral**	**39,890**
Franklin	1,352	Burke	4,221
Granville	1,117	Catawba	7,305
Halifax	2,099	Cleveland	4,808
Mecklenburg	9,592	Gaston	9,716
Orange	2,850	Iredell	5,306
Person	1,236	Lincoln	2,544
Rockingham	1,619	Rutherford	1,439
Rowan	3,664	Surry	3,160
Stanly	1,918	Yadkin	1,391
Stokes	666		
Union	3,109	**Sandhills**	**47,669**
Vance	1,837	Anson	1,580
Warren	629	Guilford	20,270
		Harnett	4,551
		Hoke	2,235
		Lee	2,938
		Montgomery	1,621
		Moore	4,000
		Randolph	6,645
		Richmond	3,829

* State Total includes 424 Persons Served that are Out of State and 552 Persons Served with Unknown
County of Residence

State and Counties	Persons Served	State and Counties	Persons Served
North Carolina		**North Carolina**	
STATE TOTAL *	**296,277**		
Trillium	**37,327**	**VAYA**	**35,737**
Beaufort	2,152	Alexander	1,216
Bertie	560	Alleghany	574
Brunswick	2,150	Ashe	1,319
Camden	204	Avery	792
Carteret	1,544	Buncombe	8,081
Chowan	402	Caldwell	3,379
Columbus	2,262	Cherokee	1,151
Craven	4,163	Clay	356
Currituck	587	Graham	364
Dare	1,095	Haywood	3,334
Gates	219	Henderson	2,140
Hertford	584	Jackson	1,715
Hyde	114	Macon	862
Jones	421	Madison	821
Martin	1,934	McDowell	1,864
Nash	1,174	Mitchell	338
New Hanover	5,083	Polk	297
Northampton	609	Swain	762
Onslow	2,568	Transylvania	1,053
Pamlico	495	Watauga	1,485
Pasquotank	1,358	Wilkes	3,373
Pender	1,021	Yancey	461
Perquimans	372		
Pitt	5,735		
Tyrrell	115		
Washington	406		

* State Total includes 424 Persons Served that are Out of State and 552 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 (**31,138**) accounted for **(34.6%)** of all admissions. However, when looking at Psychiatric Diagnosis only, which represented **(55.02%)** of all diagnosis, major depressive disorders **(14,108)** accounted for **(15.7%**) of all admissions. There were (**7,319**) alcohol abuse admissions which accounted for **(8.1%)** of all admissions.

In the marital category, the largest group is those who are single, representing **70.6%** of all admissions.

TABLE 3
TOTAL ADMISSIONS BY DIAGNOSTIC CATEGORY & MARITAL STATUS
NORTH CAROLINA LME-MCOs, FY2020-21

	TOTAL	
	*PERCENT	NUMBER
TOTAL ADMISSIONS	100.0%	90,067
**DIAGNOSTIC CATEGORY **		
Substance Abuse (Drugs)	34.6%	31,138
Major Depression	15.7%	14,108
Alcohol Abuse	8.1%	7,319
Bipolar	6.6%	5,903
Anxiety	8.1%	7,325
No Mental Disorder	5.5%	4,914
Adjustment	5.2%	4,650
Other Nonpsychotic/Mental	4.4%	3,972
Attention Deficit	1.3%	1,150
Schizophrenic	3.1%	2,816
Conduct	1.3%	1,201
Schizoaffective	2.1%	1,914
Unknown	0.2%	197
I/DD	0.3%	310
Personality & Other Impulses	0.6%	540
Autism & Pervasive Dev.	0.4%	390
Diagnosis Deferred	0.1%	55
Dysthymia	0.2%	223
Other Psychotic	0.2%	206
Other Problems Not Mental	0.3%	238
Other Mental Disorders	0.1%	49
Alcohol Related Organic	1.2%	1,077
Specific Development	0.1%	78
Delusional	0.1%	94
Eating and Sleeping Disorders	0.0%	42
Other Childhood Disorders	0.0%	22
Schizophreniform	0.1%	51
Sexual	0.1%	55
Primary Degenerative Dementia	0.0%	3
Somatoform/Factitious	0.0%	9
Dissociative	0.0%	15
Vascular Dementia	0.0%	3
Medication Induced	0.0%	0
MARITAL STATUS		
Single	70.6%	63,605
Married	10.6%	9,583
Divorced	10.2%	9,150
Separated	5.7%	5,146
Widowed	1.6%	1,451
Domestic partners	1.2%	1,077
Unknown	0.0%	11
Annulled	0.0%	44

*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 **60.0%** with females representing **40.0%** of the total admissions.

When looking at race categories during FY20 non-white admissions numbered **30,837** or **34.2%** 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 **31.6%** fell within the 25 to 34 age group. When admissions are grouped by the three major age groups, **8.9%** were 0-17, **89.0%** was between 18-64 years of age and **2.0%** were 65 years and older.

TABLE 3A
TOTAL ADMISSIONS BY RACE,SEX AND AGE
NORTH CAROLINA LME-MCOs
FY2020-2021

	TOTAL	
	*PERCENT	NUMBER
TOTAL ADMISSIONS	100.0%	90,067
RACE		
WHITE	65.8%	59,230
BLACK	29.2%	26,285
AMERICAN INDIAN	1.5%	1,376
ASIAN/PACIFIC ISLANDER	0.6%	503
MULTI RACIAL	0.7%	603
OTHER	2.3%	2,048
UNKNOWN	0.0%	22
GENDER		
MALE	60.0%	54,012
FEMALE	40.0%	36,054
UNKNOWN	0.0%	1
AGE		
00-04	0.6%	537
05-09	1.8%	1,662
10-14	3.8%	3,425
15-17	2.7%	2,427
18-20	3.9%	3,556
21-24	9.2%	8,260
25-34	31.6%	28,429
35-44	22.4%	20,151
45-54	14.1%	12,696
55-64	7.9%	7,079
65 AND OVER	2.0%	1,845

*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, FY2020-2021

LME	Children Admissions (0-17)	Child Admission Rate	Adult Admissions (18 And Older)	Adult Admissions Rate	Total Admissions	Total Admission Rate
Alliance Behavioral	351	75	6,263	411	6,614	332
Cardinal Innovations	1,588	225	20,680	812	22,268	684
Eastpointe	136	90	3,242	633	3,378	509
Partners Behavioral	353	165	6,576	801	6,929	670
Sandhills	2,590	1,017	8,197	926	10,787	946
Trillium	2,356	744	13,457	1,128	15,813	1,048
Vaya	635	337	8,041	918	8,676	816
State Total	8,009	348	66,456	795	74,465	699

* 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 **90,067** clients admitted, **55.24**% (**49,755**) were mentally ill, **0.86% (778)** were developmentally disabled, and **43.89% (39,534**) were substance abusers. Within each disability the percent of children served (0-17) ranged from **0.42% (167)** of substance abusers, to **53.86%** (**419**) of the developmentally disabled. The percent of children served in the mental health category was **15.00% (7,465**).

TABLE 3B
NUMBER OF DUPLICATED ADMISSIONS BY AGE DISABILITY
NORTH CAROLINA'S LME-MCOs AND TASC REGIONS
BY NAME, FY2020-2021

LME	TOTAL ADMS	MENTALLY ILL			DEVELOPMENTAL DISABILITIES			SUBSTANCE ABUSE		
		TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD
Alliance	6,614	4,595	4,278	317	71	37	34	1,948	1,948	0
Cardinal Innovations	22,268	12,154	10,614	1,540	81	63	18	10,033	10,003	30
Eastpointe	3,378	2,060	1,937	123	27	18	9	1,291	1,287	4
Partners Behavioral Health	6,929	4,649	4,310	339	43	31	12	2,237	2,235	2
Sandhills	10,787	7,996	5,677	2,319	347	113	234	2,444	2,407	37
Trillium	15,813	8,689	6,490	2,199	196	92	104	6,928	6,875	53
Vaya	8,676	5,044	4,436	608	13	5	8	3,619	3,600	19
TASC Region 1	4,614	1,174	1,167	7	0	0	0	3,440	3,428	12
TASC Region 2	3,946	1,445	1,441	4	0	0	0	2,501	2,499	2
TASC Region 3	4,402	1,710	1,703	7	0	0	0	2,692	2,686	6
TASC Region 4	2,640	239	237	2	0	0	0	2,401	2,399	2
TOTAL	90,067	49,755	42,290	7,465	778	359	419	39,534	39,367	167

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 **86,392** clients admitted, **56.64% (48,933)** were mentally ill, **0.89% (773)** were developmentally disabled, and **42.46% (36,868)** were substance abusers. Within each disability the percent of children served (0-17) ranged from **0.43% (157)** of substance abusers, to **54.08% (418)** of the developmentally disabled. The percent of children served in the mental health category was **15.17% (7,421)**.

TABLE 3C
NUMBER OF UNDUPLICATED ADMISSIONS BY AGE DISABILITY
NORTH CAROLINA'S LME-MCOs AND TASC REGIONS
BY NAME, FY2020-2021

LME	TOTAL ADMS	MENTALLY ILL			DEVELOPMENTAL DISABILITIES			SUBSTANCE ABUSE		
		TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD
Alliance	6,569	4,570	4,254	316	69	36	33	1,930	1,930	0
Cardinal Innovations	20,555	11,780	10,252	1,528	81	63	18	8,694	8,668	26
Eastpointe	3,359	2,051	1,928	123	27	18	9	1,281	1,277	4
Partners Behavioral Health	6,788	4,582	4,245	337	43	31	12	2,163	2,161	2
Sandhills	10,653	7,937	5,632	2,305	347	113	234	2,369	2,333	36
Trillium	14,803	8,527	6,343	2,184	193	89	104	6,083	6,034	49
Vaya	8,464	5,010	4,402	608	13	5	8	3,441	3,422	19
TASC Region 1	4,508	1,155	1,148	7	0	0	0	3,353	3,342	11
TASC Region 2	3,885	1,429	1,425	4	0	0	0	2,456	2,454	2
TASC Region 3	4,255	1,658	1,651	7	0	0	0	2,597	2,591	6
TASC Region 4	2,553	234	232	2	0	0	0	2,319	2,317	2
TOTAL	86,392	48,933	41,512	7,421	773	355	418	36,686	36,529	157

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 **35.0%** of terminations versus **34.6%** of admissions. Adjustment disorders accounted for **5.5%** of terminations versus **5.2%** of admissions while major depression disorders accounted for **14.9%** of terminations versus **15.7** % at admission.

TABLE 4
TOTAL TERMINATIONS BY DIAGNOSTIC CATEGORY, RACE, SEX AND AGE
NORTH CAROLINA LME-MCOs, FY2020-2021

	TOTAL	
	PERCENT*	NUMBER
TOTAL TERMINATIONS	100.0%	77,863
DIAGNOSTIC CATEGORY **		
Adjustment	5.5%	4,244
Alcohol Abuse	8.4%	6,504
Alcohol Related Organic	1.2%	946
Anxiety	7.2%	5,589
Attention Deficit	2.9%	2,289
Autism & Pervasive Dev.	0.2%	130
Bipolar	5.8%	4,503
Conduct	2.1%	1,627
Delusional	0.1%	51
Diagnosis Deferred	0.3%	225
Dissociative	0.0%	17
Dysthymia	0.3%	230
Eating and Sleeping Disorders	0.1%	48
I/DD	0.3%	221
Major Depression	14.9%	11,596
Medication Induced	0.0%	0
No Mental Disorder	6.4%	4,991
Other Childhood Disorders	0.1%	47
Other Mental Disorders	0.1%	79
Other Nonpsychotic/Mental	3.8%	2,988
Other Problems Not Mental	0.3%	228
Other Psychotic	0.2%	160
Personality & Other Impulses	0.6%	473
Primary Degenerative Dementia	0.0%	3
Schizoaffective	1.6%	1,227
Schizophrenic	2.3%	1,758
Schizophreniform	0.0%	34
Sexual	0.0%	18
Somatoform/Factitious	0.0%	13
Specific Development	0.1%	95
Substance Abuse (Drugs)	35.0%	27,271
Unknown	0.3%	257
Vascular Dementia	0.0%	1
RACE		
White	64.2%	50,012
Black	30.5%	23,780
American Indian	1.3%	1,035
Asian/Pacific Islander	0.5%	387
Multi Racial	0.6%	441
Other	2.6%	2,034
Unknown	0.2%	174
AGE GROUPS		
00-04	0.2%	153
05-09	2.3%	1,780
10-14	5.0%	3,910
15-17	3.9%	3,058
18-20	4.2%	3,253
21-24	8.1%	6,301
25-34	29.6%	23,070
35-44	21.9%	17,054
45-54	13.6%	10,609
55-64	8.7%	6,770
65 AND OVER	2.4%	1,905
GENDER		
Male	58.4%	45,507
Female	41.5%	32,351
Unknown	0.0%	5

*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 6-30-21 and the disability of the client was based on the diagnosis assigned to the client on the NCTRACKS Paid Claims.

A total of **312,824** persons were served in the LME-MCO's during FY2021. 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, FY2020-2021

LME	PERSON SERVED	MENTALLY ILL			DEVELOPMENTAL DISABILITIES			SUBSTANCE ABUSE		
		TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD	TOTAL	ADULT	CHILD
Alliance	47,136	34,951	32,244	2,707	3,010	2,555	455	9,175	9,173	2
Cardinal Innovations	45,456	31,019	26,815	4,204	2,817	2,564	253	11,620	11,597	23
Eastpointe	39,761	29,532	27,176	2,356	2,241	1,933	308	7,988	7,975	13
Partners Behavioral Health	40,695	29,796	28,476	1,320	1,665	1,476	189	9,234	9,230	4
Sandhills	47,757	37,343	28,236	9,107	3,432	2,299	1,133	6,982	6,932	50
Trillium	33,356	21,741	17,642	4,099	1,726	1,234	492	9,889	9,833	56
Vaya	35,759	25,480	23,989	1,491	1,435	1,258	177	8,844	8,823	21
TASC Region 1	7,079	1,809	1,807	2	0	0	0	5,270	5,266	4
TASC Region 2	5,757	1,816	1,815	1	0	0	0	3,941	3,940	1
TASC Region 3	6,187	2,497	2,496	1	0	0	0	3,690	3,690	0
TASC Region 4	3,881	367	366	1	0	0	0	3,514	3,514	0
STATE TOTAL	312,824	216,351	191,062	25,289	16,326	13,319	3,007	80,147	79,973	174

<u>Table 6</u>

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 39,534 LME/TASC admissions with a substance abuse principal diagnosis.

Alcohol was the drug of choice for **(10,365)** admissions which represented **26.22%** of all substance abuse admissions. Heroin was the drug of choice **(8,028)** admissions which represented **20.31%** of all substance abuse admissions. Marijuana/Hashish (Cannibus) was the drug of choice for **(7,288)** admissions which **18.43%** of all substance abuse admissions.

Table 7
Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice
FY2020-2021

LME	Drug of Choice	Total Admissions
State Total		39,534
Alliance Behavioral	**Alcohol**	**638**
	Benzodiazepine (Valium Librium Tranxene)	2
	Cocaine/Crack	174
	Heroin	610
	Marijuana/Hashish (Cannibus)	110
	Methamphetamine (Ice)	46
	Non-Prescription Methadone	9
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	7
	Other Amphetamines (Dextroamphetamine Dexedrine	5
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	3
	Other Opiates and Synthetics (Morphine Codeine Dil	239
	Other Sedatives or Hypnotics (Doriden Quaalude)	4
	Other Stimulants (e.g. caffeine)	11
	Over the counter drugs (e.g diet tablets cough syr	1
	PCP (Phencyclidine)	**3**
	Tobacco	1
	Unknown	85
Alliance Behavioral Total		1,948

Table 7 cont'd
Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice
FY2020-2021

LME	Drug of Choice	Total Admissions
State Total		39,534
Cardinal Innovations	**Alcohol**	**3,643**
	Barbiturates (Phenobarbital Secobarbital Pentobarb	1
	Benzodiazepine (Valium Librium Tranxene)	38
	Cocaine/Crack	1,252
	Heroin	2,081
	Inhalants (e.g., nitrites, Freon, glue, turpentine, paint thinner, rubbing alcohol, gasoline)	1
	Marijuana/Hashish (Cannibus)	1,309
	Methamphetamine (Ice)	336
	Non-Prescription Methadone	52
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	13
	Other Amphetamines (Dextroamphetamine Dexedrine	69
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	7
	Other Opiates and Synthetics (Morphine Codeine Dil	821
	Other Sedatives or Hypnotics (Doriden Quaalude)	23
	Other Stimulants (e.g. caffeine)	5
	Over the counter drugs (e.g diet tablets cough syr	**1**
	PCP (Phencyclidine)	1
	Tobacco	20
	Unknown	360
Cardinal Innovations Total		**10,033**

Table 7 cont'd
Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice
FY2020-2021

LME	Drug of Choice	Total Admissions
State Total		39,534
Eastpointe	**Alcohol**	**221**
	Benzodiazepine (Valium Librium Tranxene)	3
	Cocaine/Crack	114
	Heroin	345
	Marijuana/Hashish (Cannibus)	201
	Methamphetamine (Ice)	75
	Non-Prescription Methadone	3
	Other Amphetamines (Dextroamphetamine Dexedrine	9
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	2
	Other Opiates and Synthetics (Morphine Codeine Dil	201
	Other Sedatives or Hypnotics (Doriden Quaalude)	2
	Other Stimulants (e.g. caffeine)	3
	Over the counter drugs (e.g diet tablets cough syr	1
	PCP (Phencyclidine)	3
	Tobacco	4
	Unknown	104
Eastpointe Total		**1,291**
Partners Behavioral Health	**Alcohol**	**611**
	Benzodiazepine (Valium Librium Tranxene)	24
	Cocaine/Crack	96
	Heroin	368
	Marijuana/Hashish (Cannibus)	231
	Methamphetamine (Ice)	411
	Non-Prescription Methadone	6
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	3
	Other Amphetamines (Dextroamphetamine Dexedrine	13
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	1
	Other Opiates and Synthetics (Morphine Codeine Dil	396
	Other Sedatives or Hypnotics (Doriden Quaalude)	4
	Other Stimulants (e.g. caffeine)	2
	Other Tranquilizers (Thorazine Haldol)	1
	Tobacco	2
	Unknown	68
Partners Behavioral Total		**2,237**

Table 7 cont'd
Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice
FY2020-2021

LME	Drug of Choice	Total Admissions
State Total		39,534
Sandhills	**Alcohol**	**707**
	Benzodiazepine (Valium Librium Tranxene)	17
	Cocaine/Crack	179
	Heroin	645
	Marijuana/Hashish (Cannibus)	266
	Methamphetamine (Ice)	150
	Non-Prescription Methadone	2
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	3
	Other Amphetamines (Dextroamphetamine Dexedrine	22
	Other Opiates and Synthetics (Morphine Codeine Dil	322
	Other Sedatives or Hypnotics (Doriden Quaalude)	11
	Other Stimulants (e.g. caffeine)	7
	Other Tranquilizers (Thorazine Haldol)	1
	Tobacco	6
	Unknown	106
Sandhills Total		2,444
		2,570
Trillium	**Alcohol**	**2,105**
	Benzodiazepine (Valium Librium Tranxene)	18
	Cocaine/Crack	541
	Heroin	2,180
	Marijuana/Hashish (Cannibus)	723
	Methamphetamine (Ice)	116
	Non-Prescription Methadone	28
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	5
	Other Amphetamines (Dextroamphetamine Dexedrine	14
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	3
	Other Opiates and Synthetics (Morphine Codeine Dil	782
	Other Sedatives or Hypnotics (Doriden Quaalude)	7
	Other Stimulants (e.g. caffeine)	6
	PCP (Phencyclidine)	10
	Tobacco	7
	Unknown	**383**
Trillium Total		**6,928**

Table 7 cont'd
Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice
FY2020-2021

LME	Drug of Choice	Total Admissions
State Total		39,534
Vaya	**Alcohol**	**1,041**
	Benzodiazepine (Valium Librium Tranxene)	18
	Cocaine/Crack	94
	Heroin	438
	Marijuana/Hashish (Cannibus)	228
	Methamphetamine (Ice)	598
	Non-Prescription Methadone	23
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	9
	Other Amphetamines (Dextroamphetamine Dexedrine	25
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	3
	Other Opiates and Synthetics (Morphine Codeine Dil	976
	Other Sedatives or Hypnotics (Doriden Quaalude)	10
	Other Stimulants (e.g. caffeine)	75
	Other Tranquilizers (Thorazine Haldol)	1
	Tobacco	6
	Unknown	74
Vaya Total		**3,619**

Table 7 cont'd
Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice
FY2020-2021

LME	Drug of Choice	Total Admissions
State Total		39,534
TASC	**Alcohol**	**1,399**
	Barbiturates (Phenobarbital Secobarbital Pentobarb	1
	Benzodiazepine (Valium Librium Tranxene)	42
	Cocaine/Crack	977
	Heroin	1,361
	Inhalants (e.g., nitrites, Freon, glue, turpentine, paint thinner, rubbing alcohol, gasoline)	2
	Marijuana/Hashish (Cannibus)	4,220
	Methamphetamine (Ice)	1,942
	Non-Prescription Methadone	2
	None (e.g client in remission)	43
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	42
	Other Amphetamines (Dextroamphetamine Dexedrine	79
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	4
	Other Opiates and Synthetics (Morphine Codeine Dil	879
	Other Sedatives or Hypnotics (Doriden Quaalude)	13
	Other Stimulants (e.g. caffeine)	5
	Other Tranquilizers (Thorazine Haldol)	2
	Over the counter drugs (e.g diet tablets cough syr	2
	PCP (Phencyclidine)	19
TASC Total		**11,034**

Table 7 cont'd
Substance Abuse Admissions Data for the North Carolina LME-MCO's by Drug of Choice
FY2020-2021

	Drug of Choice	Total Admissions	%
Total	Alcohol	10,365	26.22%
	Barbiturates (Phenobarbital Secobarbital Pentobarb	2	0.01%
	Benzodiazepine (Valium Librium Tranxene)	162	0.41%
	Cocaine/Crack	3,427	8.67%
	Heroin	8,028	20.31%
	Inhalants (e.g., nitrites, Freon, glue, turpentine, paint thinner, rubbing alcohol, gasoline)	3	0.01%
	Marijuana/Hashish (Cannibus)	7,288	18.43%
	Methamphetamine (Ice)	3,674	9.29%
	Non-Prescription Methadone	125	0.32%
	None (e.g client in remission)	43	0.11%
	Other (e.g., Diphenylhydantoin / Phenytoin, GHB/GBL, Ketamine)	82	0.21%
	Other Amphetamines (Dextroamphetamine Dexedrine	236	0.60%
	Other Hallucinogens (LSD MDA Psilocybin Mescaline)	23	0.06%
	Other Opiates and Synthetics (Morphine Codeine Dil	4,616	11.68%
	Other Sedatives or Hypnotics (Doriden Quaalude)	74	0.19%
	Other Stimulants (e.g. caffeine)	114	0.29%
	Other Tranquilizers (Thorazine Haldol)	5	0.01%
	Over the counter drugs (e.g diet tablets cough syr	5	0.01%
	PCP (Phencyclidine)	36	0.09%
	Tobacco	46	0.12%
	Unknown	1,180	2.98%
	Total	**39,534**	

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 FY2021 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	3	1	0	0	0	5
Yes	American Indian Alaskan Native	0	1	0	7	6	12	1	0	1	28
Yes	Asian	0	0	1	3	2	2	3	2	0	13
Yes	Black	10	31	28	207	157	142	179	53	3	810
Yes	Multiracial	1	2	1	7	3	0	2	0	0	16
Yes	Other	1	6	2	23	13	7	6	0	0	58
Yes	Pacific Islander	1	0	0	0	0	0	0	0	0	1
Yes	White	54	54	42	417	424	273	194	68	14	1,540
Veteran Total		67	94	74	665	608	437	385	123	18	2,471
No	Alaskan Native	4	6	2	22	23	17	10	0	1	85
No	American Indian Alaskan Native	66	91	72	449	272	217	72	17	2	1,258
No	Asian	70	51	21	131	91	46	18	2	1	431
No	Black	2,433	2,191	1,344	7,720	5,031	3,716	2,453	519	68	25,475
No	Multiracial	69	76	51	204	106	61	19	1	0	587
No	Other	131	348	163	700	382	166	85	12	3	1,990
No	Pacific Islander	10	6	3	16	15	7	1	0	0	58
No	Unknown	7	0	1	3	3	1	4	3	0	22
No	White	4,834	3,886	2,603	18,380	14,101	8,277	4,362	956	291	57,690
Non-Veteran Total		7,624	6,655	4,260	27,625	20,024	12,508	7,024	1,510	366	87,596
Total		7,691	6,749	4,334	28,290	20,632	12,945	7,409	1,633	384	90,067

CDW FY2021 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	0	0	0	0	0	0	0
Yes	Hispanic Mexican American	0	2	1	4	5	0	0	0	0	12
Yes	Hispanic Other	2	0	0	11	7	2	0	0	0	22
Yes	Hispanic Puerto Rican	0	0	3	3	2	1	2	0	1	12
Yes	Not Hispanic Origin	65	92	70	647	594	434	383	123	17	2,425
Veteran Total		67	94	74	665	608	437	385	123	18	2,471
No	Hispanic Cuban	13	6	6	21	10	7	6	0	1	70
No	Hispanic Mexican American	206	229	74	319	173	74	21	2	1	1,099
No	Hispanic Other	443	283	131	530	410	185	83	10	5	2,080
No	Hispanic Puerto Rican	28	29	24	107	56	42	23	2	1	312
No	Not Hispanic Origin	6,931	6,106	4,025	26,645	19,373	12,199	6,890	1,496	358	84,023
No	Unknown	3	2	0	3	2	1	1	0	0	12
Non-Veteran Total		7,624	6,655	4,260	27,625	20,024	12,508	7,024	1,510	366	87,596
Total		7,691	6,749	4,334	28,290	20,632	12,945	7,409	1,633	384	90,067

CDW FY2021 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	3	0	3	1	1	2	0	0	10
Yes	Employed full time	0	25	17	207	168	105	51	4	0	577
Yes	Employed part time	2	18	15	80	68	34	25	2	0	244
Yes	Not in work force homemaker	0	0	0	7	5	0	1	1	0	14
Yes	Not in work force not available for work	1	1	6	23	35	44	74	21	1	206
Yes	Not in work force retired	0	0	0	3	8	9	31	67	15	133
Yes	Not in work force student	59	11	3	5	4	1	0	0	0	83
Yes	Seasonal/Migrant Worker	0	0	0	2	0	2	0	0	0	4
Yes	Unemployed	5	36	32	330	314	236	198	28	2	1,181
Yes	Unknown	0	0	1	5	5	5	3	0	0	19
Veteran Total		67	94	74	665	608	437	385	123	18	2,471
No	Armed Forces/National Guard	0	0	1	2	3	3	0	1	0	10
No	Employed full time	22	1,369	1,035	6,585	4,652	2,213	894	78	1	16,849
No	Employed part time	56	968	576	3,024	1,937	1,098	483	60	8	8,210
No	Not in work force homemaker	15	15	23	212	159	83	55	16	6	584
No	Not in work force not available for work	583	158	108	809	923	1,114	1,121	280	41	5,137
No	Not in work force retired	4	2	1	10	10	33	230	500	247	1,037
No	Not in work force student	6,718	987	206	384	79	33	12	4	0	8,423
No	Seasonal/Migrant Worker	1	2	4	39	36	10	4	2	0	98
No	Unemployed	183	3,104	2,279	16,353	12,080	7,835	4,152	545	63	46,594
No	Unknown	42	50	27	207	145	86	73	24	0	654
Non-Veteran Total		7,624	6,655	4,260	27,625	20,024	12,508	7,024	1,510	366	87,596
Total		7,691	6,749	4,334	28,290	20,632	12,945	7,409	1,633	384	90,067