

**NORTH CAROLINA PSYCHIATRIC
HOSPITALS**

ANNUAL STATISTICAL REPORT

FISCAL YEAR 2019

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Fiscal Year 2019

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This FY2018-2019 annual report on the three Psychiatric Hospitals is based on data extracted from the hospital's data system (HEARTS). The data extract is stored in the Division of Mental Health, Developmental Disabilities and Substance Abuse Service's Client Data Warehouse (CDW). Data on hospital resident population, admissions, discharges and persons served are presented. Incorporated in the report are eight tables and one graph. Discharges are shown including mean and median length of stay. The number of persons served and the rate of persons served per 100,000 population is shown for each county in the state.

MAJOR SERVICE INDICATORS

As shown in Table 1 major service indicators for FY2018-2019 reported by the three hospitals show decreasing trends in most indicators. The resident populations decreased in 2019 when compared to 2018. The number of admissions decreased in 2019 when compared to 2018 by 158 admissions.

The number of persons served is the sum of the resident population and on leaves at the beginning of the fiscal year plus the number of admissions during the fiscal year. Table 2 shows the number of persons served by the three hospitals from each county in the state. Also shown for each county is the rate of persons served per 100,000 county population. Table 2-A shows the number of persons served by the three hospital's selected indicators.

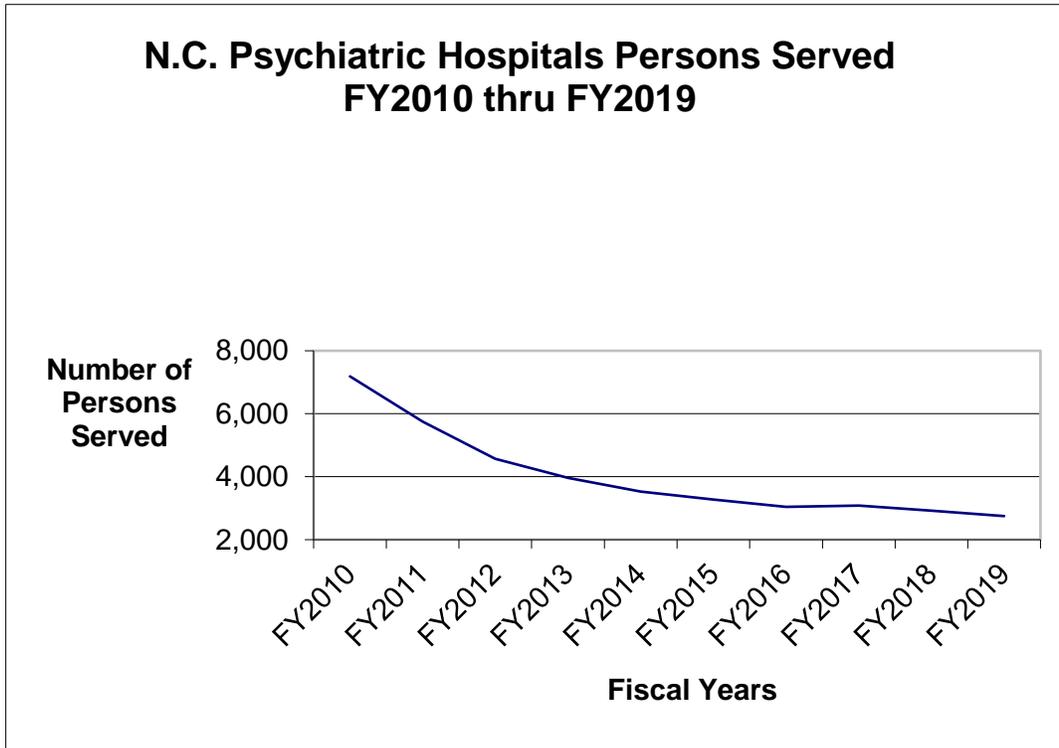
**TRENDS OF MAJOR SERVICE INDICATORS
NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**

TABLE 1

SERVICE INDICATOR	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	PERCENT FY 17 VS FY18	CHANGE FY 18 VS FY19
RESIDENT POPULATION AND ON LEAVES (JULY 1)*	833	784	763	754	777	794	828	780	868	853	11.3%	-1.7%
TOTAL ADMISSIONS	6,355	4,970	3,809	3,210	2,752	2,482	2,211	2,303	2,055	1,897	-10.8%	-7.7%
PERSONS SERVED	7,188	5,754	4,572	3,964	3,529	3,276	3,039	3,083	2,923	2,750	-5.2%	-5.9%
TOTAL DD, IND, DEATHS	6,405	4,987	3,820	3,182	2,716	2,447	2,260	2,215	2,067	1,921	-6.7%	-7.1%
Direct Discharges	6,337	4,954	3,797	3,165	2,701	2,432	2,253	2,208	2,060	1,914	-6.7%	-7.1%
Indirect Discharges	10	23	13	10	12	11	1	1	0	1	-100.0%	
Deaths	58	10	10	7	3	4	6	6	7	6	16.7%	-14.3%
AVERAGE DAILY POPULATION	864	772	764	768	794	813	762	819	819	847	0.0%	3.4%
RESIDENT POPULATION AND ON LEAVES (JUNE 30)	783	767	752	782	813	829	779	868	856	829	-1.4%	-3.2%
PERSONS SERVED RATE PER /100,000	76	60	47	41	35	33	30	30	28	26	-6.7%	-7.1%
ADMISSIONS RATE PER/100,000	67	52	39	33	28	25	22	22	20	18	-9.1%	-10.0%

NOTE: Excludes outpatients and visiting patients, includes transfers-in.

GRAPH 1



The data presented in the graph above represents the total number of persons served at the three Psychiatric Hospitals for fiscal years 2010 to 2019. Persons served shows an 62% decrease from 7,188 in fiscal year 2010 to 2,750 in fiscal year 2019.

NOTE: Excludes outpatients and visiting patients.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND COUNTY OF RESIDENCE
PERSONS SERVED DURING FY2018-2019

TABLE 2

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2018 /1	ADMIS-SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2018	ADMIS-SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL/1	853	1,897	2,750	26					
Alliance Behavioral	192	489	681	35	Eastpointe	78	312	390	59
Cumberland	52	105	157	47	Bladen	3	7	10	29
Durham	27	104	131	41	Duplin	5	9	14	23
Johnston	16	61	77	37	Edgecombe	11	45	56	106
Wake	97	219	316	29	Greene	3	1	4	19
					Lenoir	12	31	43	76
Cardinal Innovations	223	316	539	17	Robeson	8	24	32	24
Alamance	21	22	43	25	Sampson	5	22	27	42
Cabarrus	12	11	23	11	Scotland	1	16	17	48
Caswell	3	4	7	30	Wayne	17	117	134	106
Chatham	4	7	11	14	Wilson	13	40	53	64
Davidson	10	11	21	12					
Davie	3	1	4	9					
Forsyth	32	38	70	18					
Franklin	10	21	31	45	Partners Behavioral	76	108	184	18
Granville	2	30	32	52	Burke	14	25	39	42
Halifax	11	8	19	37	Catawba	10	17	27	17
Mecklenburg	58	50	108	10	Cleveland	11	13	24	24
Orange	12	36	48	33	Gaston	16	10	26	12
Person	4	16	20	50	Iredell	8	9	17	9
Rockingham	10	10	20	22	Lincoln	4	6	10	12
Rowan	11	9	20	14	Rutherford	7	17	24	35
Stanly	3	1	4	6	Surry	5	9	14	19
Stokes	3	1	4	9	Yadkin	1	2	3	8
Union	8	7	15	6					
Vance	6	25	31	67					
Warren	0	8	8	40					

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION
(2019 POPULATION PROJECTIONS)

/1 INCLUDES 8 OUT OF STATE RESIDENTS

/2 INCLUDES 14 OUT OF STATE RESIDENTS

/3 INCLUDES 22 OUT OF STATE RESIDENTS

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND COUNTY OF RESIDENCE
PERSONS SERVED DURING FY2018-2019

TABLE 2

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2018 /1	ADMIS-SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2018	ADMIS-SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL/1	853	1,897	2,750	26					
Sandhills	92	161	253	22	Trillium	97	382	479	32
Anson	1	5	6	24	Beaufort	4	5	9	19
Guilford	45	91	136	25	Bertie	3	5	8	41
Harnett	8	20	28	21	Brunswick	6	27	33	23
Hoke	7	6	13	24	Camden	0	1	1	9
Lee	14	12	26	42	Carteret	0	2	2	3
Montgomery	2	1	3	11	Chowan	1	1	2	14
Moore	6	7	13	13	Columbus	2	6	8	14
Randolph	4	8	12	8	Craven	3	34	37	36
Richmond	5	11	16	35	Currituck	1	1	2	7
				0	Dare	0	4	4	11
				19	Gates	0	0	0	0
				34	Hertford	3	4	7	29
				24	Hyde	0	0	0	0
				30	Jones	1	4	5	49
				28	Martin	2	1	3	13
				37	Nash	14	98	112	117
				37	New Hanover	21	93	114	48
				0	Northampton	3	3	6	29
				47	Onslow	13	20	33	16
					Pamlico	0	0	0	0
					Pasquotank	2	9	11	28
					Pender	2	15	17	27
					Perquimans	1	1	2	15
					Pitt	15	46	61	34
					Tyrrell	0	1	1	23
					Washington	0	1	1	8

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION

(2019 POPULATION PROJECTIONS)

/1 INCLUDES 8 OUT OF STATE RESIDENTS

/2 INCLUDES 14 OUT OF STATE RESIDENTS

/3 INCLUDES 22 OUT OF STATE RESIDENTS

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND COUNTY OF RESIDENCE
PERSONS SERVED DURING FY2018-2019

TABLE 2

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2018 /1	ADMIS- SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2018	ADMIS- SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL/1	853	1,897	2,750	26					
VAYA	87	115	202	19					
Alexander	3	4	7	18					
Alleghany	1	1	2	17					
Ashe	4	4	8	29					
Avery	3	7	10	55					
Buncombe	32	35	67	25					
Caldwell	9	10	19	23					
Cherokee	3	6	9	30					
Clay	0	1	1	8					
Graham	1	0	1	12					
Haywood	3	4	7	11					
Henderson	5	8	13	11					
Jackson	1	3	4	9					
Macon	4	1	5	14					
Madison	1	0	1	4					
McDowell	4	9	13	28					
Mitchell	2	1	3	20					
Polk	1	3	4	18					
Swain	1	3	4	28					
Transylvania	2	0	2	6					
Watauga	1	7	8	14					
Wilkes	6	7	13	19					
Yancey	0	1	1	5					

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION

(2019 POPULATION PROJECTIONS)

/1 INCLUDES 8 OUT OF STATE RESIDENTS

/2 INCLUDES 14 OUT OF STATE RESIDENTS

/3 INCLUDES 22 OUT OF STATE RESIDENTS

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND RESPONSIBLE COUNTY
PERSONS SERVED DURING FY2018-2019
TABLE 2

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2018 /1	ADMIS- SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2018	ADMIS- SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL/1	853	1,897	2,750	26					
Alliance Behavioral	176	472	648	33	Eastpointe	73	313	386	58
Cumberland	51	117	168	51	Bladen	3	8	11	32
Durham	25	102	127	40	Duplin	3	8	11	18
Johnston	16	51	67	33	Edgecombe	10	47	57	108
Wake	84	202	286	26	Greene	1	5	6	29
Cardinal Innovations	224	325	549	17	Lenoir	12	22	34	60
Alamance	16	22	38	22	Robeson	10	28	38	29
Cabarrus	16	14	30	14	Sampson	3	25	28	44
Caswell	3	4	7	30	Scotland	2	17	19	53
Chatham	4	10	14	18	Wayne	19	110	129	103
Davidson	11	10	21	12	Wilson	10	43	53	64
Davie	1	1	2	5					
Forsyth	31	41	72	19					
Franklin	9	15	24	35	Partners Behavioral	74	108	182	18
Granville	4	34	38	62	Burke	12	26	38	41
Halifax	11	12	23	45	Catawba	10	13	23	14
Mecklenburg	60	63	123	11	Cleveland	10	12	22	22
Orange	9	34	43	29	Gaston	20	14	34	15
Person	4	12	16	40	Iredell	8	7	15	8
Rockingham	12	9	21	23	Lincoln	6	8	14	16
Rowan	10	6	16	11	Rutherford	4	17	21	30
Stanly	4	2	6	9	Surry	2	9	11	15
Stokes	2	1	3	6	Yadkin	2	2	4	10
Union	10	9	19	8					
Vance	6	20	26	57					
Warren	1	6	7	35					

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION
(2019 POPULATION PROJECTIONS)

/1 INCLUDES 5 OUT OF STATE RESIDENTS

/2 INCLUDES 10 OUT OF STATE RESIDENTS

/3 INCLUDES 15 OUT OF STATE RESIDENTS

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND RESPONSIBLE COUNTY
PERSONS SERVED DURING FY2018-2019

TABLE 2

STATE AND COUNTIES	RES. POP. AND ON LEAVES 7/1/2018 /1	ADMIS-SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES	RES. POP. AND ON LEAVES 7/1/2018	ADMIS-SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
NORTH CAROLINA					NORTH CAROLINA				
STATE TOTAL/1	853	1,897	2,750	26					
Sandhills	88	153	241	21	Trillium	95	376	471	32
Anson	0	3	3	12	Beaufort	4	4	8	17
Guilford	48	83	131	24	Bertie	2	7	9	46
Harnett	10	22	32	24	Brunswick	7	29	36	25
Hoke	5	3	8	15	Camden	0	2	2	19
Lee	11	11	22	36	Carteret	1	2	3	4
Montgomery	1	1	2	7	Chowan	2	1	3	21
Moore	6	10	16	16	Columbus	3	10	13	23
Randolph	1	9	10	7	Craven	4	33	37	36
Richmond	6	11	17	38	Currituck	1	0	1	4
					Dare	0	4	4	11
					Gates	0	2	2	16
					Hertford	3	9	12	50
					Hyde	0	0	0	
					Jones	0	4	4	39
					Martin	0	1	1	4
					Nash	9	70	79	83
					New Hanover	19	84	103	44
					Northampton	3	4	7	34
					Onslow	11	20	31	15
					Pamlico	0	1	1	8
					Pasquotank	1	9	10	25
					Pender	2	17	19	30
					Perquimans	1	0	1	7
					Pitt	22	58	80	45
					Tyrrell	0	1	1	23
					Washington	0	4	4	33

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION

(2019 POPULATION PROJECTIONS)

/1 INCLUDES 5 OUT OF STATE RESIDENTS

/2 INCLUDES 10 OUT OF STATE RESIDENTS

/3 INCLUDES 15 OUT OF STATE RESIDENTS

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND RESPONSIBLE COUNTY
PERSONS SERVED DURING FY2018-2019
TABLE 2

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2018 /1	ADMIS-SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2018	ADMIS-SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL/1	853	1,897	2,750	26					
VAYA	85	113	198	19	Unknown	33	27	60	
Alexander	2	3	5	13					
Alleghany	1	1	2	17					
Ashe	3	4	7	25					
Avery	3	4	7	39					
Buncombe	29	34	63	24					
Caldwell	11	12	23	28					
Cherokee	3	6	9	30					
Clay	0	1	1	8					
Graham	1	0	1	12					
Haywood	4	5	9	14					
Henderson	4	6	10	8					
Jackson	2	2	4	9					
Macon	3	3	6	16					
Madison	3	1	4	18					
McDowell	3	6	9	19					
Mitchell	2	1	3	20					
Polk	1	3	4	18					
Swain	1	3	4	28					
Transylvania	3	2	5	14					
Watauga	1	8	9	16					
Wilkes	5	7	12	17					
Yancey	0	1	1	5					

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION
(2019 POPULATION PROJECTIONS)

/1 INCLUDES 5 OUT OF STATE RESIDENTS

/2 INCLUDES 10 OUT OF STATE RESIDENTS

/3 INCLUDES 15 OUT OF STATE RESIDENTS

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS

****TOTAL PERSONS SERVED FY2018-2019**

TABLE 2-A

TOTAL PERSONS SERVED	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
	100.0%	2,750	1,123	1,055	572
<u>AGE GROUPS</u>					
00-14	6.4%	175	96	66	13
15-17	7.3%	202	66	94	42
18-24	11.5%	315	132	112	71
25-34	21.3%	586	239	235	112
35-44	16.7%	459	153	214	92
45-54	14.7%	403	135	167	101
55-64	14.6%	402	187	137	78
65+	7.6%	208	115	30	63
<u>SEX</u>					
Males	65.4%	1,798	721	725	352
Females	34.6%	952	402	330	220
<u>RACE</u>					
White	45.2%	1,242	457	421	364
Black	50.7%	1,393	613	588	192
American Indian	0.9%	26	9	12	5
Asian/Pac. Islander	0.5%	13	6	2	5
Unknown	0.2%	6	6	0	0
Other	2.5%	70	32	32	6
<u>ETHNIC ORIGIN</u>					
Hispanic Mexican/American	1.3%	36	13	19	4
Hispanic Puerto Rican	0.2%	5	3	0	2
Hispanic Cuban	0.0%	1	0	1	0
Hispanic Other	0.4%	10	5	4	1
Not Hispanic Origin	98.1%	2,698	1,102	1,031	565
Unknown	0.0%	0	0	0	0
<u>COMMITMENT</u>					
Voluntary	13.1%	359	85	148	126
Involuntary	83.5%	2,295	944	905	446
Emergency	2.1%	58	56	2	0
Criminal	1.4%	38	38	0	0
Other	0.0%	0	0	0	0
<u>DIAGNOSIS</u>					
Alcohol Abuse	1.0%	27	1	15	11
Drug Abuse	3.8%	104	12	70	22
I/DD	2.2%	60	27	8	25
Schizophrenia	26.0%	714	294	274	146
Schizophreniform	0.1%	4	1	2	1
Schizoaffective	24.6%	677	285	232	160
Bipolar	10.1%	278	92	143	43
Adjustment	1.4%	38	12	19	7
Personality & Other	4.7%	129	54	44	31
Dysthymia	0.1%	3	0	1	2
Major Depressive	8.9%	244	78	133	33
Other Psychotic	0.3%	7	5	1	1
Primary Degen. Dementia	0.4%	11	8	3	0
Other Org. Mental Disord.	1.1%	30	12	8	10
Conduct	2.8%	76	37	29	10
Delusional	0.5%	15	11	1	3
All Other	12.1%	333	194	72	67

*AGE FOR PERSONS SERVED WAS CALCULATED AS AGE AT 06-30-19.

** Excludes all Visiting Patients and Outpatients.

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
06-30-19 RESIDENT POPULATION AND ON LEAVES****

TABLE 3

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL BOOK POPULATION	100%	829	364	221	244
*AGE GROUPS					
00-14	3.0%	25	17	7	1
15-17	4.1%	34	14	7	13
18-24	10.7%	89	42	21	26
25-34	21.0%	174	75	51	48
35-44	15.6%	129	50	37	42
45-54	15.4%	128	46	43	39
55-64	18.1%	150	75	40	35
65+	12.1%	100	45	15	40
SEX					
Males	68.2%	565	253	165	147
Females	31.8%	264	111	56	97
RACE					
White	43.2%	358	153	65	140
Black	52.6%	436	193	145	98
American Indian	0.7%	6	3	2	1
Asian/Pac. Islander	0.8%	7	3	2	2
Other	2.7%	22	12	7	3
Unknown	0.0%	0	0	0	0
COMMITMENT					
Voluntary	9.3%	77	12	19	46
Involuntary	86.5%	717	318	201	198
Emergency	2.4%	20	19	1	0
Criminal	1.8%	15	15	0	0
Other	0.0%	0	0	0	0
DIAGNOSIS					
Alcohol Abuse	0.6%	5	0	0	5
Drug Abuse	1.0%	8	2	1	5
Mental Retardation	2.7%	22	10	3	9
Schizophrenia	34.6%	287	117	90	80
Schizophreniform	0.2%	2	1	0	1
Schizoaffective	31.7%	263	111	67	85
Bipolar	6.0%	50	23	19	8
Adjustment	0.6%	5	3	0	2
Personality & Other	4.0%	33	16	10	7
Dysthymia	0.0%	0	0	0	0
Major Depressive	2.4%	20	11	5	4
Other Psychotic	0.5%	4	3	1	0
Primary Degen. Dementia	0.5%	4	2	2	0
Other Org. Mental Disord.	2.1%	17	5	4	8
Conduct	1.7%	14	8	4	2
Delusional	0.5%	4	3	0	1
All Other	11.0%	91	49	15	27
AVERAGE DAILY RESIDENT POP.		847	361	227	259

* Age was calculated at end of fiscal year (06-30-19).

** Excludes all Visiting Patients and Outpatients.

The total hospital resident and on leave population is **829**. Table 3 presents breakdowns of the population by age, sex, race, commitment, and diagnosis. Residents with schizophrenia comprise 34.6 percent of the total population. 12.1 percent of the population are 65 years of age or older, 68.2 % are male. 56.8 % are non-white.

TOTAL ADMISSIONS

There were **1,897** admissions to the State Psychiatric Hospitals during fiscal year **2019**.

The largest group of admissions **51.7** percent (**980**) were referred by General Hospitals. **8.1** percent (**153**) were self referred or referred by relatives, family or friends, while law enforcement referred over **19.3** percent (**367**). Involuntary admissions accounted for over **81.9** percent (**1,554**) of the total admissions for FY19.

Males constituted **63.9** percent (**1,213**) of the admissions. Of the total admissions **54.6** percent (**1,035**) were non-white. **22.7** percent (**431**) of the year's admissions had completed a high school education or GED. **4.8** percent (**91**) had completed eight years of schooling while only **2.2** percent (**41**) had completed four years of college or more.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
FIRST AND READMISSIONS* - FY 2018-19

TABLE 4

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL ADMISSIONS	100.0%	1,897	754	833	310
<u>VETERAN STATUS</u>					
Yes	2.6%	50	18	26	6
No	97.4%	1,847	736	807	304
<u>TYPE COMMITMENT</u>					
Voluntary	14.8%	280	72	127	81
Involuntary	81.9%	1,554	619	706	229
Emergency	1.9%	36	36	0	0
Criminal	1.4%	27	27	0	0
Others	0.0%	0	0	0	0
<u>ADMISSION SOURCE</u>					
LME (Local Mgt. Entity)	2.3%	43	12	31	0
Self	8.1%	153	27	96	30
Private Physician/Psychol.	0.0%	0	0	0	0
Law Enforcement	19.3%	367	162	115	90
Gen. Hosp. (Psych/Non Psych)	51.7%	980	410	524	46
Other Ind. Family, Friends	0.0%	0	0	0	0
VA Hospital	0.0%	0	0	0	0
Emergency Room	0.0%	0	0	0	0
State Facility	12.4%	235	89	25	121
All Others	6.3%	119	54	42	23
<u>RACE</u>					
White	45.4%	862	296	353	213
Black	50.6%	959	426	445	88
American Indian	0.9%	18	4	10	4
Asian/Pac. Islander.	0.4%	8	4	1	3
All Others	2.4%	45	19	24	2
Unknown	0.3%	5	5	0	0
<u>SEX</u>					
Male	63.9%	1,213	457	565	191
Female	36.1%	684	297	268	119
<u>RESIDENTIAL ARRANGEMENT</u>					
Private Residence	61.0%	1,157	445	552	160
Other Independent	0.0%	0	0	0	0
Homeless	7.5%	143	50	78	15
Correctional Fac.	17.7%	335	139	118	78
Institution	7.2%	137	99	9	29
Residential Fac.	1.5%	29	3	20	6
Other Dependent	4.6%	88	16	53	19
Nursing home (ICF SNF)	0.4%	8	2	3	3
Not Collected/Not Available	0.0%	0	0	0	0

*EXCLUDES VISITING AND OUTPATIENTS, INCLUDES TRANSFERS-IN

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
FIRST AND READMISSIONS* - FY2018-2019
TABLE 4 (CONT'D)

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL ADMISSIONS	100.0%	1,897	754	833	310
<u>AGE GROUPS</u>					
00-14 Years	9.3%	177	90	69	18
15-17 Years	9.5%	180	52	95	33
18-24 Years	11.1%	210	95	80	35
25-34 Years	22.8%	433	163	201	69
35-44 Years	16.4%	311	103	161	47
45-54 Years	14.7%	278	84	136	58
55-64 Years	11.1%	210	104	78	28
65+	5.2%	98	63	13	22
<u>DIAGNOSIS</u>					
Alcohol Abuse	1.3%	25	1	14	10
Drug Abuse	5.1%	97	10	68	19
Mental Retardation	1.8%	35	15	7	13
Schizophrenia	22.5%	426	173	190	63
Schizophreniform	0.2%	3	0	2	1
Schizoaffective	22.1%	420	185	156	79
Bipolar	12.2%	231	75	125	31
Adjustment	1.8%	34	11	18	5
Personality & Other	4.9%	93	39	35	19
Dysthymia	0.1%	1	0	1	0
Major Depressive	10.6%	201	59	122	20
Other Psychotic	0.1%	1	0	0	1
Primary Degen. Dementia	0.2%	4	3	1	0
Other Org. Mental Disorder	0.9%	17	7	6	4
Conduct	3.3%	62	31	23	8
Delusional	0.5%	10	8	1	1
All Other	12.5%	237	137	64	36
<u>MARITAL STATUS</u>					
Single	77.9%	1,477	581	665	231
Married	5.7%	108	38	48	22
Separated	2.4%	46	13	28	5
Divorced	9.2%	175	57	82	36
Widowed	1.6%	30	12	10	8
Unreported	3.2%	61	53	0	8

*EXCLUDES VISITING AND OUTPATIENTS, INCLUDES TRANSFERS-IN.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS

FIRST AND READMISSIONS* - FY2018-2019

TABLE 4 (CONT'D)

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL ADMISSIONS	100.0%	1,897	754	833	310
<u>EDUCATION LEVEL</u>					
PRESCH-KINDER.	0.0%	0	0	0	0
KINDERGARTEN	0.1%	1	1	0	0
FIRST GRADE	0.1%	1	1	0	0
SECOND GRADE	0.2%	3	3	0	0
THIRD GRADE	0.5%	10	10	0	0
FOURTH GRADE	0.3%	5	4	0	1
FIFTH GRADE	1.2%	23	12	11	0
SIXTH GRADE	1.8%	35	4	28	3
SEVENTH GRADE	3.0%	57	6	42	9
EIGHTH GRADE	4.8%	91	24	58	9
NINTH GRADE	7.3%	138	24	84	30
TENTH GRADE	6.0%	113	22	72	19
ELEVENTH GRADE	4.9%	93	27	48	18
TWELTH GRADE	22.7%	431	99	246	86
GED	4.7%	90	17	54	19
SOME COLLEGE	2.2%	41	41	0	0
TECH. TRADE SCHOOL	2.1%	39	5	28	6
ASSOC. DEGREE	1.5%	29	6	21	2
POST BATCH. DEGREE	0.2%	3	0	2	1
BACCAL. DEGREE	2.2%	41	8	29	4
POST GRAD. DEGREE	0.0%	0	0	0	0
SPECIAL EDUCATION	0.3%	5	0	5	0
NONE	0.0%	0	0	0	0
UNKNOWN	34.2%	648	440	105	103
<u>ETHNIC ORIGIN</u>					
HISPANIC MEX./AMER.	1.4%	26	7	17	2
HISPANIC PUERTO/RIC.	0.2%	3	2	0	1
HISPANIC CUBAN	0.0%	0	0	0	0
HISPANIC OTHER	0.5%	9	4	4	1
NOT OF HISPANIC ORIG.	98.0%	1859	741	812	306
<u>LEGAL STATUS</u>					
NO LEGAL STATUS	76.2%	1,446	569	674	203
NO OTH. KNOWN LEGAL	0.2%	3	2	1	0
HOUSE BILL 95	0.0%	0	0	0	0
DETAINER, OTHER	2.2%	42	10	0	32
HB95 WITH DETAINER	15.8%	299	129	108	62
DEPT. CORRECTION	0.9%	17	17	0	0
PROBATION	0.7%	13	1	11	1
NOT GUILTY REASON OF INSANITY	0.8%	15	14	1	0
DETAINER	0.7%	13	7	5	1
PENDING	2.6%	49	5	33	11
DWI	0.0%	0	0	0	0

*EXCLUDES VISITING AND OUTPATIENTS, INCLUDES TRANSFERS-IN.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
DISCHARGES*-FY2018-2019
TABLE 5

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL DISCHARGES	100.0%	1,921	759	834	328
<u>TYPE DISCHARGE</u>					
DIRECT DISCHARGE	99.6%	1,914	756	832	326
INDIRECT DISCHARGE	0.1%	1	0	1	0
TRANSFER-OUTS	0.0%	0	0	0	0
DEATHS**	0.3%	6	3	1	2
OTHERS	0.0%	0	0	0	0
<u>REFERRAL FOR SERVICES</u>					
LME (Local Mgt. Entity)	75.2%	1,444	608	709	127
CRIMINAL JUSTICE	6.8%	131	25	52	54
NO REFERRAL	0.0%	0	0	0	0
COMMUNITY AGENCY	0.0%	0	0	0	0
VA HOSPITAL	0.0%	0	0	0	0
GENERAL HOSPITAL	0.3%	6	2	1	3
STATE FACILITY	7.4%	142	48	30	64
MR CENTER	0.0%	0	0	0	0
ADATC	0.0%	0	0	0	0
NCSCC	0.0%	0	0	0	0
NURSING FACILITY	0.2%	3	2	0	1
PRIVATE PHYSICIAN	0.0%	0	0	0	0
ATC	0.0%	0	0	0	0
WHITAKER	0.0%	0	0	0	0
ALL OTHERS	10.2%	195	74	42	79
WRIGHT	0.0%	0	0	0	0

*NOTE: EXCLUDES VISITING AND OUTPATIENTS, INCLUDES TRANSFERS-IN.

** Deaths as reported in HEARTS Database

DISCHARGES

Table 5 presents discharge information for the three psychiatric hospitals. The majority of discharges were direct 99.6%. Deaths accounted for 0.3 % of discharges.

75.2 % of all referrals for services at discharge were to LMEs.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS FY2018-2019
MEAN AND MEDIAN LENGTH OF STAY BY DIAGNOSIS *
TABLE 6

DIAGNOSIS	CENTRAL REGIONAL			CHERRY			BROUGHTON		
	NUMBER DISCHS	MEAN DAYS	MEDIAN DAYS	NUMBER DISCHS	MEAN DAYS	MEDIAN DAYS	NUMBER DISCHS	MEAN DAYS	MEDIAN DAYS
Adjustment	9	27	18	19	25	15	5	218	124
Alcohol abuse	1	5	5	15	21	14	6	94	68
Alcohol Related Organic	6	162	17	1	16	16	3	9	6
Anxiety	46	60	46	21	43	17	12	143	68
Attention deficit	17	43	42	0	0	0	3	135	121
Autism & Pervasive Dev.	17	92	47	7	64	25	4	52	34
Bipolar	69	82	38	124	51	29	35	105	44
Conduct	29	103	41	25	36	30	8	62	69
Delusional	8	27	6	1	85	85	2	476	476
Dissociative	0	0	0	0	0	0	0	0	0
Dysthymia	0	0	0	1	18	18	2	375	375
Eating and sleeping disorders	0	0	0	0	0	0	0	0	0
I/DD	17	164	100	5	82	37	16	378	237
Major depressive	67	76	32	128	41	21	29	237	72
Medication induced disorders	0	0	0	0	0	0	0	0	0
Other childhood disorders	0	0	0	0	0	0	0	0	0
Other Mental Disorders	7	156	143	4	1,110	159	2	122	122
Other Nonpsychotic/Mental	1	11	11	1	364	364	0	0	0
Other Problems Not Mental	5	369	113	18	30	19	1	91	91
Other Psychotic	2	1,245	1,245	0	0	0	1	176	176
Personality & Other Impulses	38	97	37	34	58	19	24	188	112
Primary Degen. Dementia	6	331	398	1	916	916	0	0	0
Schizoaffective	174	179	89	165	164	64	75	370	171
Schizophrenic	177	249	83	184	131	58	66	340	178
Schizophreniform	0	0	0	2	41	41	0	0	0
Sexual	0	0	0	0	0	0	0	0	0
Somatoform / Factitious	2	13	13	1	34	34	0	0	0
Specific development	0	0	0	0	0	0	0	0	0
Substance abuse (drugs)	10	48	22	69	14	11	17	43	18
Unknown	34	140	27	5	314	190	16	740	221
Vascular dementia	17	195	125	3	96	138	1	127	127
TOTAL DISCHARGES	759	155	57	834	93	29	328	277	94
TOTAL DISCHARGE DAYS	117,936			77,420			90,702		

*EXCLUDES ALL OUTPATIENTS AND VISITING PATIENTS

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS FY2018-2019
DISCHARGES* BY REPORTED DAYS IN HOSPITALS

TABLE 7

DAYS IN HOSPITAL	PERCENT	TOTAL	CENTRAL REGIONAL	CHERRY	BROUGHTON
1-7 Days	7.1%	136	51	62	23
8-14 Days	13.1%	251	64	167	20
15-30 Days	19.1%	366	127	198	41
31-60 Days	16.4%	315	142	141	32
61-90 Days	10.7%	206	92	72	42
91-180 Days	10.2%	195	84	62	49
181-365 Days	13.9%	267	123	91	53
366+ Days	9.6%	185	76	41	68
TOTAL DISCHARGES	100.0%	1,921	759	834	328
TOTAL DAYS	100%	286,058	117,936	77,420	90,702

LENGTH OF STAY

39.2 percent (**753**) of discharges had a length of stay of 30 days or less. This percentage increases to **76.5** percent (**1,469**) for a stay of 180 days or less. **90.4** percent (**1,736**) of discharges stayed in the hospital for a year or less. **9.6** percent (**185**) have had a stay of over one year.

***EXCLUDES VISITING PATIENTS AND OUTPATIENTS**

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS

TOTAL DISCHARGES* - FY2018-2019

TABLE 8

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL DISCHARGES	100.0%	1,921	759	834	328
<u>AGE GROUPS</u>					
00-14	9.0%	172	85	65	22
15-17	9.3%	178	52	99	27
18-24	10.8%	208	91	78	39
25-34	21.8%	419	162	191	66
35-44	16.7%	321	104	169	48
45-54	14.8%	285	88	130	67
55-64	12.2%	235	110	88	37
65+	5.4%	103	67	14	22
<u>RACE</u>					
White	46.0%	884	304	356	224
Black	49.8%	957	420	443	94
American Indian	1.0%	20	6	10	4
Asian/Pac. Islander	0.3%	6	3	0	3
Other	2.8%	54	26	25	3
<u>COMMITMENT</u>					
Voluntary	14.7%	282	73	129	80
Involuntary	82.1%	1,578	626	704	248
Emergency	2.0%	38	37	1	0
Criminal	1.2%	23	23	0	0
Others	0.0%	0	0	0	0
<u>DIAGNOSIS</u>					
Alcohol Abuse	1.1%	22	1	15	6
Drug Abuse	5.0%	96	10	69	17
I/DD	2.0%	38	17	5	16
Schizophrenia	22.2%	427	177	184	66
Schizophreniform	0.1%	2	0	2	0
Schizoaffective	21.6%	414	174	165	75
Bipolar	11.9%	228	69	124	35
Adjustment	1.7%	33	9	19	5
Personality & Other	5.0%	96	38	34	24
Dysthymia	0.2%	3	0	1	2
Major Depressive	11.7%	224	67	128	29
Other Psychotic	0.2%	3	2	0	1
Primary Degen. Dementia	0.4%	7	6	1	0
Other Org. Mental Disorder	0.7%	13	7	4	2
Conduct	3.2%	62	29	25	8
Delusional	0.6%	11	8	1	2
All Other	12.6%	242	145	57	40
<u>SEX</u>					
Male	64.2%	1,233	468	560	205
Female	35.8%	688	291	274	123

*NOTE: Excludes all Visiting Patients and Outpatients.