

**NORTH CAROLINA PSYCHIATRIC
HOSPITALS**

ANNUAL STATISTICAL REPORT

FISCAL YEAR 2018

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Fiscal Year 2018

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Division of Mental Health,
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Substance Abuse Services
3013 Mail Service Center
Raleigh, N. C. 27699-3013
(919) 733-4460

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

TYPED BY: Bill Satterfield
DMH/DD/SAS

DATE: December, 2018

This FY2017-2018 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 FY2017-2018 reported by the three hospitals show mixed trends in most indicators. The resident populations increased in 2018 when compared to 2017. The number of admissions decreased in 2018 when compared to 2017 by 248 admissions.

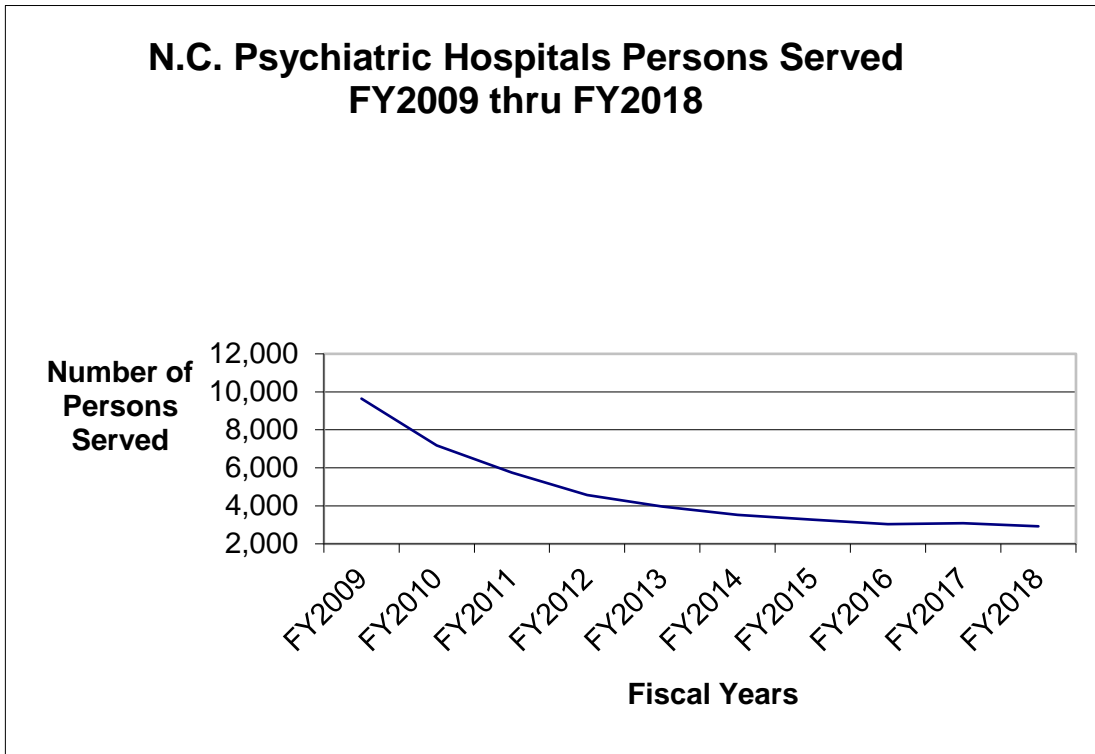
The number of persons served is the sum of the resident population and on leaves at the beginning of the fiscal year plus the number of admissions during the fiscal year. Table 2 shows the number of persons served by the three hospitals from each county in the state. Also shown for each county is the 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	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	PERCENT FY 17 VS FY16	CHANGE FY 18 VS FY17
RESIDENT POPULATION AND ON LEAVES (JULY 1)*	770	833	784	763	754	777	794	828	780	868	-5.8%	11.3%
TOTAL ADMISSIONS	8,873	6,355	4,970	3,809	3,210	2,752	2,482	2,211	2,303	2,055	4.2%	-10.8%
PERSONS SERVED	9,643	7,188	5,754	4,572	3,964	3,529	3,276	3,039	3,083	2,923	1.4%	-5.2%
TOTAL DD, IND, DEATHS	8,811	6,405	4,987	3,820	3,182	2,716	2,447	2,260	2,215	2,067	-2.0%	-6.7%
Direct Discharges	8,791	6,337	4,954	3,797	3,165	2,701	2,432	2,253	2,208	2,060	-2.0%	-6.7%
Indirect Discharges	8	10	23	13	10	12	11	1	1	0	0.0%	-100.0%
Deaths	12	58	10	10	7	3	4	6	6	7	0.0%	16.7%
AVERAGE DAILY POPULATION	878	864	772	764	768	794	813	762	819	819	7.5%	0.0%
RESIDENT POPULATION AND ON LEAVES (JUNE 30)	832	783	767	752	782	813	829	779	868	856	11.4%	-1.4%
PERSONS SERVED RATE PER /100,000	103	76	60	47	41	35	33	30	30	28	0.0%	-6.7%
ADMISSIONS RATE PER/100,000	94	67	52	39	33	28	25	22	22	20	0.0%	-9.1%

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 2009 to 2018. Persons served shows an 70% decrease from 9,643 in fiscal year 2009 to 2,923 in fiscal year 2018.

NOTE: Excludes outpatients and visiting patients.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND COUNTY OF RESIDENCE
PERSONS SERVED DURING FY2017-2018

TABLE 2

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2017 /1	ADMIS-SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2017	ADMIS-SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL/1	868	2,055	2,923	28					
Alliance Behavioral	213	569	782	41	Eastpointe	94	382	476	58
Cumberland	48	105	153	46	Bladen	1	7	8	23
Durham	31	104	135	43	Columbus	4	10	14	25
Johnston	13	68	81	41	Duplin	7	11	18	30
Wake	121	292	413	38	Edgecombe	6	34	40	75
					Greene	2	8	10	47
Cardinal Innovations	215	368	583	18	Lenoir	6	29	35	61
Alamance	17	47	64	39	Nash	17	78	95	100
Cabarrus	12	14	26	12	Robeson	7	25	32	24
Caswell	4	1	5	21	Sampson	11	22	33	52
Chatham	6	10	16	21	Scotland	5	13	18	50
Davidson	9	10	19	11	Wayne	19	106	125	100
Davie	1	2	3	7	Wilson	9	39	48	59
Forsyth	26	48	74	20					
Franklin	7	20	27	40	Partners Behavioral	74	87	161	17
Granville	6	21	27	44	Burke	15	23	38	42
Halifax	7	19	26	50	Catawba	9	9	18	11
Mecklenburg	70	63	133	12	Cleveland	10	13	23	23
Orange	15	32	47	33	Gaston	17	11	28	13
Person	1	11	12	30	Iredell	12	12	24	13
Rockingham	5	14	19	21	Lincoln	5	6	11	13
Rowan	11	16	27	19	Surry	5	10	15	21
Stanly	2	1	3	5	Yadkin	1	3	4	10
Stokes	3	1	4	9					
Union	6	7	13	6					
Vance	7	22	29	64					
Warren	0	9	9	45					

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION
(2018 POPULATION PROJECTIONS)

/1 INCLUDES 4 OUT OF STATE RESIDENTS

/2 INCLUDES 20 OUT OF STATE RESIDENTS

/3 INCLUDES 24 OUT OF STATE RESIDENTS

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND COUNTY OF RESIDENCE
PERSONS SERVED DURING FY2017-2018

TABLE 2

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2017 /1	ADMIS-SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2017	ADMIS-SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL/1	868	2,055	2,923	28					
Sandhills	77	193	270	24	Trillium	85	300	385	29
Anson	1	2	3	12	Beaufort	8	7	15	32
Guilford	43	96	139	26	Bertie	1	7	8	41
Harnett	7	24	31	23	Brunswick	11	42	53	39
Hoke	4	14	18	33	Camden	0	1	1	10
Lee	7	29	36	60	Carteret	0	4	4	6
Montgomery	2	3	5	18	Chowan	3	2	5	35
Moore	2	9	11	11	Craven	5	34	39	38
Randolph	3	7	10	7	Currituck	0	1	1	4
Richmond	8	9	17	38	Dare	1	5	6	16
				0	Gates	0	0	0	0
				19	Hertford	2	2	4	17
				34	Hyde	0	0	0	0
				24	Jones	2	2	4	40
				30	Martin	1	2	3	13
				28	New Hanover	18	90	108	46
				37	Northampton	4	3	7	34
				37	Onslow	7	26	33	17
				0	Pamlico	0	2	2	15
				47	Pasquotank	6	4	10	25
					Pender	2	19	21	34
					Perquimans	2	5	7	51
					Pitt	12	42	54	30
					Tyrrell	0	0	0	0
					Washington	0	0	0	0

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION

(2018 POPULATION PROJECTIONS)

/1 INCLUDES 4 OUT OF STATE RESIDENTS

/2 INCLUDES 20 OUT OF STATE RESIDENTS

/3 INCLUDES 24 OUT OF STATE RESIDENTS

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND COUNTY OF RESIDENCE
PERSONS SERVED DURING FY2017-2018

TABLE 2

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2017 /1	ADMIS- SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2017	ADMIS- SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL/1	868	2,055	2,923	28					
VAYA	106	136	242	22	Unknown	1	1	2	
Alexander	3	5	8	21					
Alleghany	2	1	3	26					
Ashe	4	6	10	36					
Avery	3	6	9	50					
Buncombe	29	28	57	22					
Caldwell	7	16	23	28					
Cherokee	6	7	13	44					
Clay	0	0	0	0					
Graham	0	2	2	23					
Haywood	3	6	9	14					
Henderson	8	11	19	16					
Jackson	3	1	4	9					
Macon	7	2	9	25					
Madison	1	1	2	9					
McDowell	5	9	14	30					
Mitchell	3	2	5	33					
Polk	1	3	4	19					
Rutherford	11	12	23	33					
Swain	1	2	3	20					
Transylvania	0	2	2	6					
Watauga	4	7	11	19					
Wilkes	5	7	12	17					
Yancey	0	0	0	0					

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION

(2018 POPULATION PROJECTIONS)

/1 INCLUDES 4 OUT OF STATE RESIDENTS

/2 INCLUDES 20 OUT OF STATE RESIDENTS

/3 INCLUDES 24 OUT OF STATE RESIDENTS

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND RESPONSIBLE COUNTY
PERSONS SERVED DURING FY2017-2018
TABLE 2**

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2017 /1	ADMIS- SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2017	ADMIS- SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL/1	868	2,055	2,923	28					
Alliance Behavioral	199	568	767	40	Eastpointe	92	359	451	55
Cumberland	48	114	162	49	Bladen	1	4	5	15
Durham	31	105	136	44	Columbus	4	12	16	28
Johnston	18	67	85	43	Duplin	5	11	16	27
Wake	102	282	384	36	Edgecombe	11	44	55	104
Cardinal Innovations	213	378	591	19	Greene	0	5	5	23
Alamance	14	35	49	30	Lenoir	7	29	36	63
Cabarrus	14	14	28	13	Nash	9	57	66	69
Caswell	4	1	5	21	Robeson	11	26	37	28
Chatham	4	12	16	21	Sampson	10	22	32	50
Davidson	7	11	18	21	Scotland	4	14	18	50
Davie	0	1	1	11	Wayne	22	94	116	93
Forsyth	23	46	69	18	Wilson	8	41	49	60
Franklin	5	21	26	38	Partners Behavioral	68	90	158	17
Granville	6	24	30	49	Burke	12	21	33	36
Halifax	9	22	31	60	Catawba	11	10	21	13
Mecklenburg	74	73	147	13	Cleveland	7	15	22	22
Orange	12	29	41	28	Gaston	18	12	30	14
Person	1	13	14	35	Iredell	10	14	24	13
Rockingham	6	13	19	21	Lincoln	4	6	10	12
Rowan	15	19	34	24	Surry	4	8	12	16
Stanly	5	1	6	9	Yadkin	2	4	6	16
Stokes	3	1	4	9					
Union	5	8	13	6					
Vance	6	25	31	69					
Warren	0	9	9	45					

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION

(2018 POPULATION PROJECTIONS)

/1 INCLUDES 2 OUT OF STATE RESIDENTS

/2 INCLUDES 14 OUT OF STATE RESIDENTS

/3 INCLUDES 16 OUT OF STATE RESIDENTS

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND RESPONSIBLE COUNTY
PERSONS SERVED DURING FY2017-2018**

TABLE 2

STATE AND COUNTIES	RES. POP. AND ON LEAVES 7/1/2017 /1	ADMIS-SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES	RES. POP. AND ON LEAVES 7/1/2017	ADMIS-SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
NORTH CAROLINA					NORTH CAROLINA				
STATE TOTAL/1	868	2,055	2,923	28					
Sandhills	74	198	272	24	Trillium	89	309	398	30
Anson	1	1	2	8	Beaufort	6	7	13	27
Guilford	45	98	143	27	Bertie	1	8	9	46
Harnett	5	24	29	22	Brunswick	10	39	49	36
Hoke	3	16	19	35	Camden	0	1	1	10
Lee	6	26	32	53	Carteret	3	5	8	11
Montgomery	0	4	4	14	Chowan	3	3	6	42
Moore	2	11	13	13	Craven	6	34	40	39
Randolph	4	8	12	8	Currituck	0	1	1	4
Richmond	8	10	18	40	Dare	1	6	7	19
					Gates	1	0	1	8
					Hertford	3	1	4	17
					Hyde	0	0	0	
					Jones	1	2	3	30
					Martin	0	2	2	9
					New Hanover	20	88	108	46
					Northampton	5	6	11	53
					Onslow	6	31	37	19
					Pamlico	0	4	4	30
					Pasquotank	5	3	8	20
					Pender	2	17	19	30
					Perquimans	2	3	5	36
					Pitt	14	48	62	35
					Tyrrell	0	0	0	
					Washington	0	0	0	

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION

(2018 POPULATION PROJECTIONS)

/1 INCLUDES 2 OUT OF STATE RESIDENTS

/2 INCLUDES 14 OUT OF STATE RESIDENTS

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**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND RESPONSIBLE COUNTY
PERSONS SERVED DURING FY2017-2018
TABLE 2**

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2017 /1	ADMIS- SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2017	ADMIS- SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL/1	868	2,055	2,923	28					
VAYA	103	129	232	21	Unknown	28	10	38	
Alexander	2	2	4	10					
Alleghany	2	0	2	17					
Ashe	3	4	7	25					
Avery	3	2	5	28					
Buncombe	25	27	52	20					
Caldwell	9	19	28	33					
Cherokee	6	9	15	51					
Clay	0	0	0						
Graham	0	3	3	34					
Haywood	4	7	11	17					
Henderson	9	11	20	17					
Jackson	4	0	4	9					
Macon	6	2	8	22					
Madison	1	4	5	22					
McDowell	5	4	9	19					
Mitchell	3	2	5	33					
Polk	2	3	5	23					
Rutherford	10	10	20	29					
Swain	1	1	2	13					
Transylvania	1	3	4	11					
Watauga	4	7	11	19					
Wilkes	3	9	12	17					
Yancey	0	0	0						

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION

(2018 POPULATION PROJECTIONS)

/1 INCLUDES 2 OUT OF STATE RESIDENTS

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NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS

****TOTAL PERSONS SERVED FY2017-2018**

TABLE 2-A

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL PERSONS SERVED	100.0%	2,923	1,244	1,074	605
<u>*AGE GROUPS</u>					
00-14	7.6%	223	121	76	26
15-17	8.2%	239	71	121	47
18-24	11.5%	337	169	107	61
25-34	20.4%	597	246	234	117
35-44	17.0%	498	187	214	97
45-54	15.3%	446	158	166	122
55-64	13.3%	389	180	128	81
65+	6.6%	194	112	28	54
<u>SEX</u>					
Males	63.4%	1,852	811	707	334
Females	36.6%	1,071	433	367	271
<u>RACE</u>					
White	44.2%	1,293	493	424	376
Black	50.9%	1,489	686	593	210
American Indian	1.3%	37	12	19	6
Asian/Pac. Islander	0.7%	21	12	3	6
Unknown	0.2%	7	7	0	0
Other	2.6%	76	34	35	7
<u>ETHNIC ORIGIN</u>					
Hispanic Mexican/American	1.3%	39	11	18	10
Hispanic Puerto Rican	0.2%	5	3	1	1
Hispanic Cuban	0.0%	1	0	1	0
Hispanic Other	0.1%	3	2	1	0
Not Hispanic Origin	98.4%	2,875	1,228	1,053	594
Unknown	0.0%	0	0	0	0
<u>COMMITMENT</u>					
Voluntary	12.0%	350	80	153	117
Involuntary	84.7%	2,476	1,075	914	487
Emergency	1.8%	54	46	7	1
Criminal	1.4%	42	42	0	0
Other	0.0%	1	1	0	0
<u>DIAGNOSIS</u>					
Alcohol Abuse	1.2%	34	7	25	2
Drug Abuse	3.5%	102	20	58	24
I/DD	1.7%	49	24	9	16
Schizophrenia	25.8%	754	309	281	164
Schizophreniform	0.3%	8	5	1	2
Schizoaffective	22.9%	669	258	255	156
Bipolar	10.3%	302	111	135	56
Adjustment	1.4%	40	21	7	12
Personality & Other	5.2%	151	73	35	43
Dysthymia	0.1%	4	2	0	2
Major Depressive	9.2%	269	88	150	31
Other Psychotic	0.4%	12	12	0	0
Primary Degen. Dementia	0.5%	14	12	2	0
Other Org. Mental Disord.	1.1%	31	17	5	9
Conduct	3.4%	99	39	42	18
Delusional	0.7%	19	12	2	5
All Other	12.5%	366	234	67	65

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
06-30-18 RESIDENT POPULATION AND ON LEAVES****

TABLE 3

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL BOOK POPULATION	100%	856	371	222	263
<u>*AGE GROUPS</u>					
00-14	3.4%	29	15	7	7
15-17	4.4%	38	17	11	10
18-24	10.3%	88	41	17	30
25-34	18.1%	155	67	45	43
35-44	17.2%	147	60	46	41
45-54	15.9%	136	49	35	52
55-64	19.6%	168	77	48	43
65+	11.1%	95	45	13	37
<u>SEX</u>					
Males	68.6%	587	266	159	162
Females	31.4%	269	105	63	101
<u>RACE</u>					
White	44.5%	381	161	68	152
Black	50.8%	435	188	143	104
American Indian	0.9%	8	5	2	1
Asian/Pac. Islander	0.6%	5	2	1	2
Other	2.9%	25	13	8	4
Unknown	0.2%	2	2	0	0
<u>COMMITMENT</u>					
Voluntary	9.2%	79	13	21	45
Involuntary	86.8%	743	327	199	217
Emergency	2.7%	23	20	2	1
Criminal	1.3%	11	11	0	0
Other	0.0%	0	0	0	0
<u>DIAGNOSIS</u>					
Alcohol Abuse	0.6%	5	1	3	1
Drug Abuse	1.1%	9	4	2	3
Mental Retardation	2.2%	19	9	1	9
Schizophrenia	35.5%	304	126	90	88
Schizophreniform	0.1%	1	1	0	0
Schizoaffective	28.7%	246	93	74	79
Bipolar	5.7%	49	21	15	13
Adjustment	0.9%	8	3	1	4
Personality & Other	3.7%	32	12	6	14
Dysthymia	0.1%	1	0	0	1
Major Depressive	5.3%	45	19	14	12
Other Psychotic	0.5%	4	4	0	0
Primary Degen. Dementia	0.8%	7	6	1	0
Other Org. Mental Disord.	1.5%	13	6	2	5
Conduct	1.9%	16	6	7	3
Delusional	0.5%	4	3	0	1
All Other	10.9%	93	57	6	30
AVERAGE DAILY RESIDENT POP.		863	368	223	272

* Age was calculated at end of fiscal year (06-30-18).

** Excludes all Visiting Patients and Outpatients.

The total hospital resident and on leave population is (856). Table 3 presents breakdowns of the population by age, sex, race, commitment, and diagnosis. Residents with schizophrenia comprise 35.5 percent of the total population. 11.1 percent of the population are 65 years of age or older, (68.6 %) are male. 55.5 percent are non-white.

TOTAL ADMISSIONS

There were **2,505** admissions to the State Psychiatric Hospitals during fiscal year **2018**.

The largest group of referrals **58.4** percent (**1,200**) were made by General Hospitals. **4.9** percent (101) were self referred or referred by relatives, family or friends, while law enforcement referred over **17.2** percent (**353**). Involuntary admissions accounted for over **83.1** percent (**1,708**) of the total admissions for FY18.

Males constituted **62.1** percent (**1,276**) of the admissions. Of the total admissions **55.6** percent (**1,142**) were non-white. **28.2** percent (**580**) of the year's admissions had completed a high school education or GED. **5.5** percent (**112**) had completed eight years of schooling while only **2.2** percent (**46**) had completed four years of college or more.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS

FIRST AND READMISSIONS* - FY 2017-18

TABLE 4

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL ADMISSIONS	100.0%	2,055	874	856	325
<u>VETERAN STATUS</u>					
Yes	2.4%	50	21	23	6
No	97.6%	2,005	853	833	319
<u>TYPE COMMITMENT</u>					
Voluntary	13.6%	279	68	138	73
Involuntary	83.1%	1,708	746	711	251
Emergency	1.8%	38	30	7	1
Criminal	1.5%	30	30	0	0
Others	0.0%	0	0	0	0
<u>ADMISSION SOURCE</u>					
LME (Local Mgt. Entity)	1.5%	31	5	26	0
Self	4.9%	101	2	86	13
Private Physician/Psychol.	0.0%	0	0	0	0
Law Enforcement	17.2%	353	170	106	77
Gen. Hosp. (Psych/Non Psych)	58.4%	1,200	599	582	19
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	11.2%	230	32	11	187
All Others	6.8%	140	66	45	29
<u>RACE</u>					
White	44.4%	913	340	362	211
Black	50.7%	1,042	487	452	103
American Indian	1.5%	31	9	16	6
Asian/Pac. Islander.	0.6%	13	8	1	4
All Others	2.4%	50	24	25	1
Unknown	0.3%	6	6	0	0
<u>SEX</u>					
Male	62.1%	1,276	554	554	168
Female	37.9%	779	320	302	157
<u>RESIDENTIAL ARRANGEMENT</u>					
Private Residence	66.0%	1,356	578	603	175
Other Independent	0.0%	0	0	0	0
Homeless	7.1%	146	69	63	14
Correctional Fac.	14.7%	303	136	106	61
Institution	4.7%	97	51	14	32
Residential Fac.	2.0%	42	10	13	19
Other Dependent	5.1%	104	27	55	22
Nursing home (ICF SNF)	0.3%	7	3	2	2
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* - FY2017-2018
TABLE 4 (CONT'D)

TOTAL ADMISSIONS	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
	100.0%	2,055	874	856	325
<u>AGE GROUPS</u>					
00-14 Years	9.6%	197	107	72	18
15-17 Years	9.9%	204	62	110	32
18-24 Years	12.0%	247	125	86	36
25-34 Years	20.7%	426	171	189	66
35-44 Years	17.0%	350	133	170	47
45-54 Years	15.8%	325	109	138	78
55-64 Years	10.0%	205	99	78	28
65+	4.9%	101	68	13	20
<u>DIAGNOSIS</u>					
Alcohol Abuse	1.4%	29	7	21	1
Drug Abuse	4.6%	94	19	58	17
Mental Retardation	1.5%	31	15	6	10
Schizophrenia	21.2%	435	165	195	75
Schizophreniform	0.2%	5	4	0	1
Schizoaffective	21.4%	439	177	184	78
Bipolar	12.4%	254	93	123	38
Adjustment	1.6%	32	19	6	7
Personality & Other	5.7%	117	59	30	28
Dysthymia	0.2%	4	2	0	2
Major Depressive	11.0%	226	68	134	24
Other Psychotic	0.4%	8	8	0	0
Primary Degen. Dementia	0.3%	6	6	0	0
Other Org. Mental Disorder	1.0%	20	12	4	4
Conduct	4.3%	88	36	39	13
Delusional	0.5%	11	8	2	1
All Other	12.5%	256	176	54	26
<u>MARITAL STATUS</u>					
Single	78.8%	1,620	693	691	236
Married	6.9%	142	53	50	39
Separated	2.3%	48	26	19	3
Divorced	8.1%	167	56	79	32
Widowed	1.4%	28	12	12	4
Unreported	2.4%	50	34	5	11

*EXCLUDES VISITING AND OUTPATIENTS, INCLUDES TRANSFERS-IN.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS

FIRST AND READMISSIONS* - FY2017-2018

TABLE 4 (CONT'D)

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL ADMISSIONS	100.0%	2,055	874	856	325
<u>EDUCATION LEVEL</u>					
PRESCH-KINDER.	0.0%	0	0	0	0
KINDERGARTEN	0.1%	2	1	1	0
FIRST GRADE	0.1%	3	3	0	0
SECOND GRADE	0.2%	5	5	0	0
THIRD GRADE	0.3%	6	4	1	1
FOURTH GRADE	0.6%	13	12	1	0
FIFTH GRADE	1.2%	24	6	16	2
SIXTH GRADE	1.8%	38	10	24	4
SEVENTH GRADE	2.4%	49	15	25	9
EIGHTH GRADE	5.5%	112	32	63	17
NINTH GRADE	7.3%	150	35	87	28
TENTH GRADE	6.3%	129	31	76	22
ELEVENTH GRADE	5.3%	108	34	52	22
TWELTH GRADE	23.2%	477	145	270	62
GED	5.0%	103	26	62	15
SOME COLLEGE	2.6%	54	54	0	0
TECH. TRADE SCHOOL	1.8%	36	10	20	6
ASSOC. DEGREE	1.7%	34	11	18	5
POST BATCH. DEGREE	0.1%	3	2	1	0
BACCAL. DEGREE	2.2%	46	17	18	11
POST GRAD. DEGREE	0.0%	0	0	0	0
SPECIAL EDUCATION	0.1%	2	1	1	0
NONE	0.0%	0	0	0	0
UNKNOWN	32.2%	661	420	120	121
<u>ETHNIC ORIGIN</u>					
HISPANIC MEX./AMER.	1.3%	26	5	14	7
HISPANIC PUERTO/RIC.	0.2%	5	3	1	1
HISPANIC CUBAN	0.0%	0	0	0	0
HISPANIC OTHER	0.1%	3	2	1	0
NOT OF HISPANIC ORIG.	98.3%	2021	864	840	317
<u>LEGAL STATUS</u>					
NO LEGAL STATUS	80.2%	1,648	694	724	230
NO OTH. KNOWN LEGAL	0.0%	1	1	0	0
HOUSE BILL 95	0.0%	0	0	0	0
DETAINDER, OTHER	1.4%	28	16	1	11
HB95 WITH DETAINDER	13.8%	283	119	97	67
DEPT. CORRECTION	0.7%	15	15	0	0
PROBATION	0.3%	7	0	5	2
NOT GUILTY REASON OF INSANITY	0.3%	6	5	0	1
DETAINDER	0.8%	16	9	6	1
PENDING	2.5%	51	15	23	13
DWI	0.0%	0	0	0	0

*EXCLUDES VISITING AND OUTPATIENTS, INCLUDES TRANSFERS-IN.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
DISCHARGES*-FY2017-2018
TABLE 5

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL DISCHARGES	100.0%	2,067	873	852	342
<u>TYPE DISCHARGE</u>					
DIRECT DISCHARGE	98.6%	2,039	851	849	339
INDIRECT DISCHARGE	0.0%	0	0	0	0
TRANSFER-OUTS	0.8%	17	14	1	2
DEATHS**	0.3%	7	5	1	1
OTHERS	0.2%	4	3	1	0
<u>REFERRAL FOR SERVICES</u>					
LME (Local Mgt. Entity)	74.0%	1,529	685	714	130
CRIMINAL JUSTICE	7.1%	147	37	63	47
NO REFERRAL	0.1%	2	2	0	0
COMMUNITY AGENCY	0.0%	0	0	0	0
VA HOSPITAL	0.0%	0	0	0	0
GENERAL HOSPITAL	0.1%	3	3	0	0
STATE FACILITY	8.2%	170	56	23	91
MR CENTER	0.0%	0	0	0	0
ADATC	0.0%	0	0	0	0
NCSCC	0.0%	0	0	0	0
NURSING FACILITY	0.1%	2	1	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	10.4%	214	89	52	73
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 (98.6%). Deaths accounted for (0.3 %) of discharges.

74.0 percent of all referrals for services at discharge were to LMEs.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS FY2017-2018
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	18	27	13	6	32	13	8	87	98
Alcohol abuse	6	17	17	22	22	10	1	4	4
Alcohol Related Organic	6	27	20	1	7	7	3	103	130
Anxiety	38	54	36	30	41	21	3	64	63
Attention deficit	32	82	47	1	40	40	2	50	50
Autism & Pervasive Dev.	16	253	51	13	68	45	6	204	107
Bipolar	90	65	25	120	43	26	43	328	72
Conduct	33	54	40	35	37	29	15	95	74
Delusional	9	53	15	2	78	78	4	265	309
Dissociative	0	0	0	0	0	0	0	0	0
Dysthymia	2	12	12	0	0	0	1	131	131
Eating and sleeping disorders	0	0	0	0	0	0	1	124	124
I/DD	15	126	85	8	94	49	7	146	115
Major depressive	69	70	26	136	32	19	19	50	30
Medication induced disorders	0	0	0	0	0	0	0	0	0
Other childhood disorders	4	107	28	0	0	0	0	0	0
Other Mental Disorders	0	0	0	0	0	0	0	0	0
Other Nonpsychotic/Mental	11	184	172	3	21	19	4	197	165
Other Problems Not Mental	5	59	46	5	145	112	6	414	457
Other Psychotic	8	32	16	0	0	0	0	0	0
Personality & Other Impulses	61	82	29	29	138	29	29	197	125
Primary Degen. Dementia	6	352	170	1	480	480	0	0	0
Schizoaffective	165	180	72	181	104	36	77	305	179
Schizophrenic	183	194	85	191	147	52	76	489	151
Schizophreniform	4	39	30	1	46	46	2	200	200
Sexual	0	0	0	1	212	212	0	0	0
Somatoform / Factitious	1	520	520	1	60	60	0	0	0
Specific development	4	25	26	1	75	75	1	98	98
Substance abuse (drugs)	16	37	21	56	17	11	21	49	29
Unknown	50	56	21	8	186	173	11	754	230
Vascular dementia	21	283	49	0	0	0	2	570	570
TOTAL DISCHARGES	873	126	45	852	82	28	342	298	115
TOTAL DISCHARGE DAYS	109,741			69,540			101,907		

*EXCLUDES ALL OUTPATIENTS AND VISITING PATIENTS

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS FY2017-2018
DISCHARGES* BY REPORTED DAYS IN HOSPITALS
TABLE 7

DAYS IN HOSPITAL	PERCENT	TOTAL	CENTRAL REGIONAL	CHERRY	BROUGHTON
1-7 Days	8.5%	175	81	78	16
8-14 Days	11.7%	241	97	134	10
15-30 Days	21.0%	435	151	240	44
31-60 Days	18.5%	383	180	156	47
61-90 Days	9.8%	203	89	80	34
91-180 Days	13.0%	269	124	71	74
181-365 Days	9.8%	202	84	61	57
366+ Days	7.7%	159	67	32	60
TOTAL DISCHARGES	100.0%	2,067	873	852	342
TOTAL DAYS	100%	281,188	109,741	69,540	101,907

LENGTH OF STAY

41.2 percent (851) of discharges had a length of stay of 30 days or less. This percentage increases to 82.5 percent (1,706) for a stay of 180 days or less. 92.3 percent (1,908) of discharges stayed in the hospital for a year or less. 7.7 percent (159) have had a stay of over one year.

***EXCLUDES VISITING PATIENTS AND OUTPATIENTS**

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS

TOTAL DISCHARGES* - FY2017-2018

TABLE 8

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL DISCHARGES	100.0%	2,067	873	852	342
<u>AGE GROUPS</u>					
00-14	9.3%	193	106	69	18
15-17	9.7%	200	53	110	37
18-24	11.8%	243	127	88	28
25-34	21.3%	440	179	189	72
35-44	16.7%	346	125	168	53
45-54	15.3%	316	110	132	74
55-64	10.9%	225	105	81	39
65+	5.0%	104	68	15	21
<u>RACE</u>					
White	44.1%	912	332	356	224
Black	51.0%	1,054	498	450	106
American Indian	1.4%	29	7	17	5
Asian/Pac. Islander	0.8%	16	10	2	4
Other	2.7%	56	26	27	3
<u>COMMITMENT</u>					
Voluntary	13.1%	271	67	132	72
Involuntary	83.8%	1,733	748	715	270
Emergency	1.5%	31	26	5	0
Criminal	1.5%	31	31	0	0
Others	0.0%	1	1	0	0
<u>DIAGNOSIS</u>					
Alcohol Abuse	1.4%	29	6	22	1
Drug Abuse	4.5%	93	16	56	21
I/DD	1.5%	30	15	8	7
Schizophrenia	21.8%	450	183	191	76
Schizophreniform	0.3%	7	4	1	2
Schizoaffective	20.5%	423	165	181	77
Bipolar	12.2%	253	90	120	43
Adjustment	1.5%	32	18	6	8
Personality & Other	5.8%	119	61	29	29
Dysthymia	0.1%	3	2		1
Major Depressive	10.8%	224	69	136	19
Other Psychotic	0.4%	8	8		
Primary Degen. Dementia	0.3%	7	6	1	
Other Org. Mental Disorder	0.9%	18	11	3	4
Conduct	4.0%	83	33	35	15
Delusional	0.7%	15	9	2	4
All Other	13.2%	273	177	61	35
<u>SEX</u>					
Male	61.2%	1,265	545	548	172
Female	38.8%	802	328	304	170

*NOTE: Excludes all Visiting Patients and Outpatients.