

**NORTH CAROLINA PSYCHIATRIC
HOSPITALS**

ANNUAL STATISTICAL REPORT

FISCAL YEAR 2017

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Fiscal Year 2017

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This FY2016-2017 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 FY2016-2017 reported by the three hospitals show mixed trends in most indicators. The resident populations decreased in 2017 when compared to 2016. The number of admissions increased in 2017 when compared to 2016 by 92 admissions.

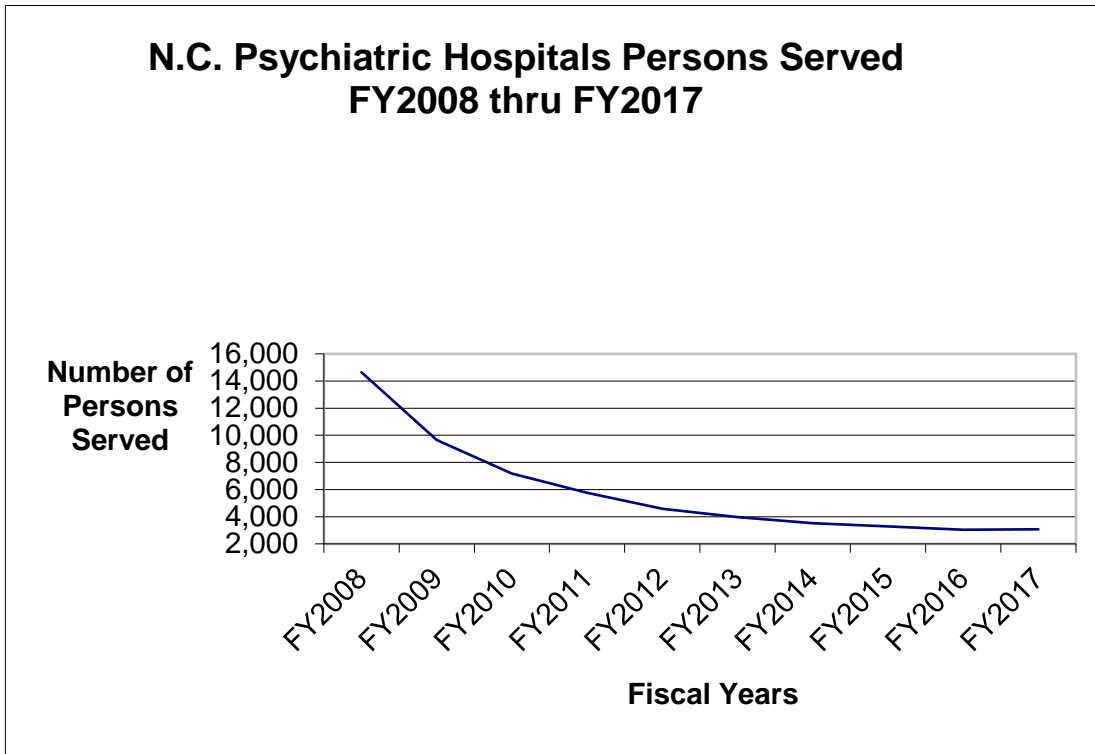
The number of persons served is the sum of the resident population and on leaves at the beginning of the fiscal year plus the number of admissions during the fiscal year. Table 2 shows the number of persons served by the three hospitals from each county in the state. Also shown for each county is the 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	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	PERCENT FY 16 VS FY15	CHANGE FY 17 VS FY16
RESIDENT POPULATION AND ON LEAVES (JULY 1)*	1,073	770	833	784	763	754	777	794	828	780	4.3%	-5.8%
TOTAL ADMISSIONS	13,570	8,873	6,355	4,970	3,809	3,210	2,752	2,482	2,211	2,303	-10.9%	4.2%
PERSONS SERVED	14,643	9,643	7,188	5,754	4,572	3,964	3,529	3,276	3,039	3,083	-7.2%	1.4%
TOTAL DD, IND, DEATHS	13,643	8,811	6,405	4,987	3,820	3,182	2,716	2,447	2,260	2,215	-7.6%	-2.0%
Direct Discharges	13,623	8,791	6,337	4,954	3,797	3,165	2,701	2,432	2,253	2,208	-7.4%	-2.0%
Indirect Discharges	8	8	10	23	13	10	12	11	1	1	-90.9%	0.0%
Deaths	12	12	58	10	10	7	3	4	6	6	50.0%	0.0%
AVERAGE DAILY POPULATION	1,091	878	864	772	764	768	794	813	762	819	-6.3%	7.5%
RESIDENT POPULATION AND ON LEAVES (JUNE 30)	1,000	832	783	767	752	782	813	829	779	868	-6.0%	11.4%
PERSONS SERVED RATE PER /100,000	158	103	76	60	47	41	35	33	30	30	-9.1%	0.0%
ADMISSIONS RATE PER/100,000	147	94	67	52	39	33	28	25	22	22	-12.0%	0.0%

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 2008 to 2017. Persons served shows an 79% decrease from 14,643 in fiscal year 2008 to 3,083 in fiscal year 2017.

NOTE: Excludes outpatients and visiting patients.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND COUNTY OF RESIDENCE
PERSONS SERVED DURING FY2016-2017

TABLE 2

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2016 /1	ADMIS-SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2016	ADMIS-SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL/1	780	2,303	3,083	30					
Alliance Behavioral	173	728	901	48	Eastpointe	82	332	414	51
Cumberland	24	121	145	44	Bladen	3	7	10	29
Durham	35	130	165	54	Columbus	4	12	16	28
Johnston	10	51	61	31	Duplin	3	15	18	30
Wake	104	426	530	51	Edgecombe	9	21	30	57
					Greene	3	8	11	51
Cardinal Innovations	185	409	594	19	Lenoir	6	19	25	43
Alamance	12	28	40	25	Nash	9	64	73	77
Cabarrus	13	6	19	9	Robeson	8	20	28	21
Caswell	3	9	12	51	Sampson	6	32	38	60
Chatham	3	17	20	27	Scotland	3	9	12	34
Davidson	7	15	22	13	Wayne	17	97	114	91
Davie	2	2	4	9	Wilson	11	28	39	48
Forsyth	23	39	62	17					
Franklin	10	31	41	62	Partners Behavioral	66	112	178	19
Granville	6	31	37	62	Burke	12	34	46	51
Halifax	5	18	23	44	Catawba	9	19	28	18
Mecklenburg	60	93	153	14	Cleveland	8	13	21	21
Orange	5	46	51	36	Gaston	17	17	34	16
Person	3	8	11	28	Iredell	11	13	24	14
Rockingham	7	14	21	23	Lincoln	5	5	10	12
Rowan	9	12	21	15	Surry	3	8	11	15
Stanly	2	1	3	5	Yadkin	1	3	4	11
Stokes	2	7	9	19					
Union	5	7	12	5					
Vance	6	25	31	69					
Warren	2	0	2	10					

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION
(2017 POPULATION PROJECTIONS)

/1 INCLUDES 7 OUT OF STATE RESIDENTS

/2 INCLUDES 19 OUT OF STATE RESIDENTS

/3 INCLUDES 26 OUT OF STATE RESIDENTS

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND COUNTY OF RESIDENCE
PERSONS SERVED DURING FY2016-2017

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STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2016 /1	ADMIS-SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2016	ADMIS-SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL/1	780	2,303	3,083	30					
Sandhills	87	190	277	25	Trillium	68	341	409	31
Anson	1	2	3	12	Beaufort	5	5	10	21
Guilford	49	111	160	31	Bertie	3	3	6	30
Harnett	10	17	27	21	Brunswick	7	67	74	56
Hoke	7	7	14	26	Camden	0	0	0	0
Lee	11	20	31	52	Carteret	2	1	3	4
Montgomery	1	1	2	7	Chowan	0	4	4	28
Moore	3	15	18	18	Craven	6	11	17	16
Randolph	3	7	10	7	Currituck	0	3	3	11
Richmond	2	10	12	27	Dare	1	10	11	30
				0	Gates	0	0	0	0
				19	Hertford	2	3	5	21
				34	Hyde	0	1	1	18
				24	Jones	1	1	2	19
				30	Martin	1	2	3	13
				28	New Hanover	15	132	147	65
				37	Northampton	2	4	6	29
				37	Onslow	9	14	23	12
				0	Pamlico	0	0	0	0
				47	Pasquotank	2	9	11	27
					Pender	2	20	22	36
					Perquimans	1	5	6	44
					Pitt	9	43	52	29
					Tyrrell	0	1	1	24
					Washington	0	2	2	16

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION

(2017 POPULATION PROJECTIONS)

/1 INCLUDES 7 OUT OF STATE RESIDENTS

/2 INCLUDES 19 OUT OF STATE RESIDENTS

/3 INCLUDES 26 OUT OF STATE RESIDENTS

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND COUNTY OF RESIDENCE
PERSONS SERVED DURING FY2016-2017

TABLE 2

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2016 /1	ADMIS- SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2016	ADMIS- SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
	780	2,303	3,083	30					
VAYA	111	171	282	25	Unknown	1	1	2	
Alexander	2	4	6	16					
Alleghany	2	2	4	36					
Ashe	3	2	5	18					
Avery	1	8	9	50					
Buncombe	30	32	62	24					
Caldwell	9	21	30	36					
Cherokee	6	4	10	34					
Clay	0	0	0	0					
Graham	0	2	2	23					
Haywood	6	9	15	24					
Henderson	10	13	23	20					
Jackson	2	10	12	28					
Macon	2	12	14	40					
Madison	3	5	8	36					
McDowell	10	6	16	35					
Mitchell	1	4	5	33					
Polk	1	5	6	28					
Rutherford	11	16	27	40					
Swain	1	4	5	33					
Transylvania	0	0	0	0					
Watauga	3	5	8	14					
Wilkes	8	5	13	18					
Yancey	0	2	2	11					

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION

(2017 POPULATION PROJECTIONS)

/1 INCLUDES 7 OUT OF STATE RESIDENTS

/2 INCLUDES 19 OUT OF STATE RESIDENTS

/3 INCLUDES 26 OUT OF STATE RESIDENTS

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND RESPONSIBLE COUNTY
PERSONS SERVED DURING FY2016-2017
TABLE 2**

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2016 /1	ADMIS- SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2016	ADMIS- SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL/1	780	2,303	3,083	30					
Alliance Behavioral	172	723	895	48	Eastpointe	80	326	406	50
Cumberland	26	123	149	45	Bladen	3	7	10	29
Durham	36	134	170	56	Columbus	4	9	13	23
Johnston	9	54	63	32	Duplin	3	16	19	32
Wake	101	412	513	49	Edgecombe	8	35	43	81
Cardinal Innovations	191	413	604	19	Greene	3	9	12	56
Alamance	11	26	37	23	Lenoir	6	23	29	50
Cabarrus	17	9	26	13	Nash	7	45	52	55
Caswell	4	10	14	59	Robeson	10	22	32	24
Chatham	3	14	17	23	Sampson	4	27	31	49
Davidson	8	13	21	23	Scotland	3	12	15	42
Davie	1	0	1	13	Wayne	19	89	108	86
Forsyth	26	34	60	16	Wilson	10	32	42	51
Franklin	6	32	38	57	Partners Behavioral	66	107	173	19
Granville	8	36	44	73	Burke	9	33	42	47
Halifax	5	21	26	50	Catawba	11	21	32	20
Mecklenburg	62	96	158	15	Cleveland	9	9	18	18
Orange	6	44	50	35	Gaston	19	17	36	16
Person	4	5	9	23	Iredell	10	10	20	11
Rockingham	5	14	19	21	Lincoln	4	5	9	11
Rowan	8	15	23	16	Surry	3	8	11	15
Stanly	2	5	7	11	Yadkin	1	4	5	13
Stokes	3	7	10	21					
Union	5	9	14	6					
Vance	6	21	27	60					
Warren	1	2	3	15					

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN
 **PERSONS SERVED RATE PER 100,000 NC POPULATION
 (2017 POPULATION PROJECTIONS)
 /1 INCLUDES 7 OUT OF STATE RESIDENTS
 /2 INCLUDES 16 OUT OF STATE RESIDENTS
 /3 INCLUDES 23 OUT OF STATE RESIDENTS

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND RESPONSIBLE COUNTY
PERSONS SERVED DURING FY2016-2017**

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STATE AND COUNTIES	RES. POP. AND ON LEAVES 7/1/2016 /1	ADMIS-SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES	RES. POP. AND ON LEAVES 7/1/2016	ADMIS-SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
NORTH CAROLINA					NORTH CAROLINA				
STATE TOTAL/1	780	2,303	3,083	30					
Sandhills	83	190	273	25	Trillium	73	347	420	32
Anson	1	2	3		12 Beaufort	5	4	9	19
Guilford	48	111	159	30	Bertie	2	4	6	30
Harnett	8	23	31	24	Brunswick	8	70	78	59
Hoke	6	8	14	26	Camden	0	0	0	
Lee	10	15	25	42	Carteret	3	4	7	10
Montgomery	0	0	0		Chowan	0	5	5	35
Moore	4	14	18	18	Craven	5	12	17	16
Randolph	3	8	11	8	Currituck	0	3	3	11
Richmond	3	9	12	27	Dare	2	10	12	33
					Gates	0	1	1	8
					Hertford	4	5	9	38
					Hyde	0	1	1	18
					Jones	1	1	2	19
					Martin	0	4	4	17
					New Hanover	17	123	140	62
					Northampton	3	5	8	39
					Onslow	7	16	23	12
					Pamlico	0	0	0	
					Pasquotank	2	9	11	27
					Pender	1	21	22	36
					Perquimans	1	4	5	37
					Pitt	12	42	54	31
					Tyrrell	0	1	1	24
					Washington	0	2	2	16

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION

(2017 POPULATION PROJECTIONS)

/1 INCLUDES 7 OUT OF STATE RESIDENTS

/2 INCLUDES 16 OUT OF STATE RESIDENTS

/3 INCLUDES 23 OUT OF STATE RESIDENTS

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
BY LME AND RESPONSIBLE COUNTY
PERSONS SERVED DURING FY2016-2017
TABLE 2**

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2016 /1	ADMIS- SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2016	ADMIS- SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
STATE TOTAL/1	780	2,303	3,083	30					
VAYA	104	171	275	25	Unknown	4	10	14	
Alexander	1	4	5	13					
Alleghany	2	2	4	36					
Ashe	2	1	3	11					
Avery	3	7	10	55					
Buncombe	26	30	56	21					
Caldwell	9	23	32	38					
Cherokee	5	5	10	34					
Clay	0	0	0						
Graham	0	2	2	23					
Haywood	5	9	14	22					
Henderson	10	12	22	19					
Jackson	2	11	13	30					
Macon	2	11	13	37					
Madison	3	2	5	22					
McDowell	10	12	22	48					
Mitchell	0	4	4	26					
Polk	2	5	7	33					
Rutherford	12	15	27	40					
Swain	1	4	5	33					
Transylvania	1	0	1	3					
Watauga	4	5	9	16					
Wilkes	4	5	9	13					
Yancey	0	2	2	11					

*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

**PERSONS SERVED RATE PER 100,000 NC POPULATION

(2017 POPULATION PROJECTIONS)

/1 INCLUDES 7 OUT OF STATE RESIDENTS

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NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS

****TOTAL PERSONS SERVED FY2016-2017**

TABLE 2-A

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL PERSONS SERVED	100.0%	3,039	1,435	970	678
<u>*AGE GROUPS</u>					
00-14	6.4%	194	93	55	18
15-17	9.7%	294	72	96	61
18-24	11.2%	340	173	102	68
25-34	20.1%	610	316	227	136
35-44	16.4%	499	202	201	119
45-54	14.7%	448	207	145	113
55-64	14.8%	450	226	116	108
65+	6.7%	204	146	28	55
<u>SEX</u>					
Males	63.1%	1,917	915	625	377
Females	38.4%	1,166	520	345	301
<u>RACE</u>					
White	49.3%	1,498	629	423	446
Black	48.5%	1,473	739	514	220
American Indian	0.5%	14	5	7	2
Asian/Pac. Islander	0.6%	19	13	3	3
Unknown	0.1%	3	3	0	0
Other	2.5%	76	46	23	7
<u>ETHNIC ORIGIN</u>					
Hispanic Mexican/American	1.5%	47	18	20	9
Hispanic Puerto Rican	0.1%	2	0	2	0
Hispanic Cuban	0.0%	1	0	1	0
Hispanic Other	0.1%	2	2	0	0
Not Hispanic Origin	99.7%	3,031	1,415	947	669
Unknown	0.0%	0	0	0	0
<u>COMMITMENT</u>					
Voluntary	9.6%	292	62	107	123
Involuntary	88.1%	2,678	1,263	860	555
Emergency	1.5%	47	44	3	0
Criminal	2.1%	64	64	0	0
Other	0.1%	2	2	0	0
<u>DIAGNOSIS</u>					
Alcohol Abuse	0.9%	27	5	18	4
Drug Abuse	3.8%	117	31	55	31
I/DD	1.4%	42	13	13	16
Schizophrenia	24.8%	753	368	234	151
Schizophreniform	0.3%	8	1	5	2
Schizoaffective	23.3%	707	279	252	176
Bipolar	10.5%	320	157	99	64
Adjustment	1.7%	51	24	12	15
Personality & Other	5.1%	154	72	29	53
Dysthymia	0.2%	7	2	0	5
Major Depressive	10.5%	318	148	136	34
Other Psychotic	0.4%	12	11	1	0
Primary Degen. Dementia	0.5%	14	12	2	0
Other Org. Mental Disord.	1.1%	34	20	5	9
Conduct	3.0%	90	17	49	24
Delusional	0.7%	20	10	3	7
All Other	13.5%	409	265	57	87

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
06-30-17 RESIDENT POPULATION AND ON LEAVES**

TABLE 3

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL BOOK POPULATION	100%	868	369	218	281
<u>*AGE GROUPS</u>					
00-14	3.9%	34	16	8	10
15-17	4.5%	39	13	10	16
18-24	10.4%	90	44	19	27
25-34	19.9%	173	73	48	52
35-44	16.4%	142	53	43	46
45-54	14.4%	125	50	26	49
55-64	19.7%	171	73	50	48
65+	10.8%	94	47	14	33
<u>SEX</u>					
Males	66.5%	577	256	153	168
Females	33.5%	291	113	65	113
<u>RACE</u>					
White	43.9%	381	154	62	165
Black	51.4%	446	197	141	108
American Indian	0.7%	6	3	3	0
Asian/Pac. Islander	0.9%	8	4	2	2
Other	3.1%	27	11	10	6
<u>COMMITMENT</u>					
Voluntary	8.3%	72	13	15	44
Involuntary	88.8%	771	331	203	237
Emergency	1.8%	16	16	0	0
Criminal	1.0%	9	9	0	0
Other	0.0%	0	0	0	0
<u>DIAGNOSIS</u>					
Alcohol Abuse	0.6%	5	0	4	1
Drug Abuse	1.2%	10	1	0	9
Mental Retardation	1.8%	16	8	3	5
Schizophrenia	37.1%	322	143	92	87
Schizophreniform	0.3%	3	1	1	1
Schizoaffective	24.8%	215	70	66	79
Bipolar	6.7%	58	22	13	23
Adjustment	1.0%	9	3	1	5
Personality & Other	4.1%	36	15	7	14
Dysthymia	0.0%	0	0	0	0
Major Depressive	5.3%	46	25	14	7
Other Psychotic	0.8%	7	7	0	0
Primary Degen. Dementia	0.9%	8	6	2	0
Other Org. Mental Disord.	2.0%	17	10	1	6
Conduct	1.5%	13	4	3	6
Delusional	0.6%	5	3	0	2
All Other	11.3%	98	51	11	36
AVERAGE DAILY RESIDENT POP.		819	362	183	274

* Age was calculated at end of fiscal year (06-30-17).

** Excludes all Visiting Patients and Outpatients.

The total hospital resident and on leave population is (868). Table 3 presents breakdowns of the population by age, sex, race, commitment, and diagnosis. Residents with schizophrenia comprise 37.1 percent of the total population. 10.8 percent of the population are 65 years of age or older, (66.5 %) are male. 56.1 percent are non-white.

TOTAL ADMISSIONS

There were **2,303** admissions to the State Psychiatric Hospitals during fiscal year **2017**.

The largest group of referrals **58.7** percent (**1,352**) were made by General Hospitals. **4.9** percent (**113**) were self referred or referred by relatives, family or friends, while law enforcement referred over **16.9** percent (**390**). Involuntary admissions accounted for over **85.8** percent (**1,976**) of the total admissions for FY17.

Males constituted **60.2** percent (**1,387**) of the admissions. Of the total admissions **50.4** percent (**1,160**) were non-white. **28.8** percent (**6643**) of the year's admissions had completed a high school education or GED. **4.1** percent (**95**) had completed eight years of schooling while only **2.6** percent (**59**) had completed four years of college or more.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
FIRST AND READMISSIONS* - FY 20016-17

TABLE 4

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL ADMISSIONS	100.0%	2,303	1,084	808	411
<u>VETERAN STATUS</u>					
Yes	3.0%	69	29	28	12
No	97.0%	2,234	1,055	780	399
<u>TYPE COMMITMENT</u>					
Voluntary	10.2%	234	51	98	85
Involuntary	85.8%	1,976	942	708	326
Emergency	1.5%	34	32	2	0
Criminal	2.5%	57	57	0	0
Others	0.1%	2	2	0	0
<u>ADMISSION SOURCE</u>					
LME (Local Mgt. Entity)	0.3%	8	6	2	0
Self	4.9%	113	17	82	14
Private Physician/Psychol.	0.0%	0	0	0	0
Law Enforcement	16.9%	390	158	134	98
Gen. Hosp. (Psych/Non Psych)	58.7%	1,352	788	533	31
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	13.0%	299	64	11	224
All Others	6.1%	141	51	46	44
<u>RACE</u>					
White	49.6%	1,143	483	374	286
Black	47.1%	1,084	557	410	117
American Indian	0.6%	13	4	7	2
Asian/Pac. Islander.	0.7%	16	10	3	3
All Others	1.9%	44	27	14	3
Unknown	0.1%	3	3	0	0
<u>SEX</u>					
Male	60.2%	1,387	668	510	209
Female	39.8%	916	416	298	202
<u>RESIDENTIAL ARRANGEMENT</u>					
Private Residence	65.7%	1,512	753	552	207
Other Independent	0.0%	0	0	0	0
Homeless	7.3%	167	78	60	29
Correctional Fac.	15.8%	363	136	134	93
Institution	5.0%	116	79	7	30
Residential Fac.	2.0%	47	13	16	18
Other Dependent	3.9%	89	20	37	32
Nursing home (ICF SNF)	0.4%	9	5	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* - FY2016-2017
TABLE 4 (CONT'D)

TOTAL ADMISSIONS	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
	100.0%	2,303	1,084	808	411
<u>AGE GROUPS</u>					
00-14 Years	6.6%	153	85	52	16
15-17 Years	8.8%	202	63	90	49
18-24 Years	12.1%	278	142	91	45
25-34 Years	22.2%	511	248	189	74
35-44 Years	17.6%	406	148	176	82
45-54 Years	14.9%	342	151	120	71
55-64 Years	12.1%	278	149	76	53
65+	5.8%	133	98	14	21
<u>DIAGNOSIS</u>					
Alcohol Abuse	1.1%	25	5	18	2
Drug Abuse	4.9%	113	30	55	28
Mental Retardation	1.2%	28	10	9	9
Schizophrenia	20.6%	475	228	175	72
Schizophreniform	0.3%	8	1	5	2
Schizoaffective	20.4%	469	188	192	89
Bipolar	12.1%	278	132	96	50
Adjustment	2.2%	50	24	12	14
Personality & Other	5.2%	119	56	26	37
Dysthymia	0.3%	6	2	0	4
Major Depressive	11.9%	273	123	125	25
Other Psychotic	0.5%	11	10	1	0
Primary Degen. Dementia	0.5%	11	9	2	0
Other Org. Mental Disorder	0.9%	21	13	4	4
Conduct	3.5%	80	17	42	21
Delusional	0.7%	16	8	3	5
All Other	13.9%	320	228	43	49
<u>MARITAL STATUS</u>					
Single	75.6%	1,742	801	641	300
Married	7.8%	180	90	55	35
Separated	2.9%	66	26	26	14
Divorced	8.9%	205	85	71	49
Widowed	2.2%	51	29	14	8
Unreported	2.6%	59	53	1	5

*EXCLUDES VISITING AND OUTPATIENTS, INCLUDES TRANSFERS-IN.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS

FIRST AND READMISSIONS* - FY2016-2017

TABLE 4 (CONT'D)

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL ADMISSIONS	100.0%	2,303	1,084	808	411
<u>EDUCATION LEVEL</u>					
PRESCH-KINDER.	0.0%	0	0	0	0
KINDERGARTEN	0.0%	1	1	0	0
FIRST GRADE	0.0%	1	1	0	0
SECOND GRADE	0.1%	3	3	0	0
THIRD GRADE	0.2%	5	3	1	1
FOURTH GRADE	0.2%	5	3	1	1
FIFTH GRADE	0.8%	19	5	11	3
SIXTH GRADE	1.7%	40	9	22	9
SEVENTH GRADE	2.3%	53	11	27	15
EIGHTH GRADE	4.1%	95	35	42	18
NINTH GRADE	7.3%	168	48	78	42
TENTH GRADE	6.0%	138	27	84	27
ELEVENTH GRADE	4.8%	111	41	57	13
TWELTH GRADE	23.6%	543	169	274	100
GED	5.3%	121	32	51	38
SOME COLLEGE	2.1%	48	48	0	0
TECH. TRADE SCHOOL	2.5%	58	28	21	9
ASSOC. DEGREE	1.3%	31	12	9	10
POST BATCH. DEGREE	0.3%	6	2	3	1
BACCAL. DEGREE	2.3%	53	24	22	7
POST GRAD. DEGREE	0.0%	0	0	0	0
SPECIAL EDUCATION	0.0%	1	1	0	0
NONE	0.0%	1	1	0	0
UNKNOWN	34.8%	802	580	105	117
<u>ETHNIC ORIGIN</u>					
HISPANIC MEX./AMER.	1.7%	38	13	17	8
HISPANIC PUERTO/RIC.	0.1%	2	0	2	0
HISPANIC CUBAN	0.0%	0	0	0	0
HISPANIC OTHER	0.0%	1	1	0	0
NOT OF HISPANIC ORIG.	98.2%	2262	1070	789	403
<u>LEGAL STATUS</u>					
NO LEGAL STATUS	79.2%	1,825	901	639	285
NO OTH. KNOWN LEGAL	0.0%	1	1	0	0
HOUSE BILL 95	0.0%	0	0	0	0
DETAINDER, OTHER	0.9%	20	16	1	3
HB95 WITH DETAINDER	12.9%	298	74	127	97
DEPT. CORRECTION	1.9%	44	44	0	0
PROBATION	0.9%	20	0	14	6
NOT GUILTY REASON OF INSANITY	1.0%	23	21	1	1
DETAINDER	1.3%	29	15	13	1
PENDING	1.9%	43	12	13	18
DWI	0.0%	0	0	0	0

*EXCLUDES VISITING AND OUTPATIENTS, INCLUDES TRANSFERS-IN.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS
DISCHARGES*-FY2016-2017
TABLE 5

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL DISCHARGES	100.0%	2,215	1,066	752	397
<u>TYPE DISCHARGE</u>					
DIRECT DISCHARGE	99.7%	2,208	1,061	750	397
INDIRECT DISCHARGE	0.0%	1	0	1	0
TRANSFER-OUTS	0.0%	0	0	0	0
DEATHS**	0.3%	6	5	1	0
OTHERS	0.0%	0	0	0	0
<u>REFERRAL FOR SERVICES</u>					
LME (Local Mgt. Entity)	71.5%	1,584	808	609	167
CRIMINAL JUSTICE	6.9%	152	35	67	50
NO REFERRAL	0.0%	1	0	1	0
COMMUNITY AGENCY	0.0%	0	0	0	0
VA HOSPITAL	0.0%	0	0	0	0
GENERAL HOSPITAL	0.5%	12	3	8	1
STATE FACILITY	10.2%	227	87	28	112
MR CENTER	0.0%	0	0	0	0
ADATC	0.0%	0	0	0	0
NCSCC	0.0%	0	0	0	0
NURSING FACILITY	0.0%	1	0	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	10.7%	238	133	39	66
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 (99.7%). Deaths accounted for (0.3 %) of discharges.

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

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS FY2016-2017
 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	21	20	10	11	21	9	10	77	26
Alcohol abuse	5	39	28	14	19	14	3	30	10
Alcohol Related Organic	16	34	21	0	0	0	3	16	8
Anxiety	49	53	27	17	28	15	11	151	74
Attention deficit	21	47	28	0	0	0	2	51	51
Autism & Pervasive Dev.	21	175	63	7	148	99	6	216	171
Bipolar	135	84	32	86	47	20	41	99	77
Conduct	13	47	38	46	34	21	18	159	55
Delusional	7	161	57	3	19	10	5	77	103
Dissociative	0	0	0	0	0	0	0	0	0
Dysthymia	2	30	30	0	0	0	5	128	59
Eating and sleeping disorders	0	0	0	1	61	61	0	0	0
I/DD	5	41	20	10	53	44	11	251	130
Major depressive	123	54	26	122	42	15	27	90	33
Medication induced disorders	0	0	0	0	0	0	0	0	0
Other childhood disorders	1	258	258	1	37	37	1	117	117
Other Mental Disorders	10	194	106	4	71	73	3	393	270
Other Nonpsychotic/Mental	2	1,185	1,185	1	10	10	0	0	0
Other Problems Not Mental	4	102	64	4	3	3	4	138	95
Other Psychotic	4	73	47	1	8	8	0	0	0
Personality & Other Impulses	57	74	37	22	64	18	39	144	58
Primary Degen. Dementia	6	224	94	0	0	0	0	0	0
Schizoaffective	209	165	67	186	127	36	97	248	128
Schizophrenic	225	181	53	142	158	41	64	444	139
Schizophreniform	0	0	0	4	22	20	1	99	99
Sexual	0	0	0	3	143	112	1	803	803
Somatoform / Factitious	0	0	0	0	0	0	2	133	133
Specific development	1	6	6	0	0	0	1	51	51
Substance abuse (drugs)	30	14	8	55	16	9	22	64	24
Unknown	86	50	22	10	236	216	19	392	146
Vascular dementia	13	100	81	2	1,060	1,061	1	1,166	1,166
TOTAL DISCHARGES	1,066	113	37	752	89	23	397	223	92
TOTAL DISCHARGE DAYS	120,258			67,095			88,337		

*EXCLUDES ALL OUTPATIENTS AND VISITING PATIENTS

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS FY2016-2017
DISCHARGES* BY REPORTED DAYS IN HOSPITALS
TABLE 7

DAYS IN HOSPITAL	PERCENT	TOTAL	CENTRAL REGIONAL	CHERRY	BROUGHTON
1-7 Days	10.1%	223	111	89	23
8-14 Days	13.1%	291	126	137	28
15-30 Days	21.8%	483	226	211	46
31-60 Days	19.0%	420	220	136	64
61-90 Days	8.3%	183	99	49	35
91-180 Days	12.4%	274	134	56	84
181-365 Days	8.3%	183	89	33	61
366+ Days	7.1%	158	61	41	56
TOTAL DISCHARGES	100.0%	2,215	1,066	752	397
TOTAL DAYS	100%	275,690	120,258	67,095	88,337

LENGTH OF STAY

45 percent (**997**) of discharges had a length of stay of 30 days or less. This percentage increases to **84.6** percent (**1,874**) for a stay of 180 days or less. **92.9** percent (**2,057**) of discharges stayed in the hospital for a year or less. **7.1** percent (**158**) have had a stay of over one year.

***EXCLUDES VISITING PATIENTS AND OUTPATIENTS**

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS

TOTAL DISCHARGES* - FY2016-2017

TABLE 8

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL DISCHARGES	100.0%	2,215	1,066	752	397
<u>AGE GROUPS</u>					
00-14	6.0%	132	77	47	8
15-17	8.6%	191	60	86	45
18-24	11.7%	260	131	84	45
25-34	22.7%	503	240	179	84
35-44	17.3%	384	149	160	75
45-54	15.4%	341	161	117	63
55-64	12.2%	270	148	65	57
65+	6.0%	134	100	14	20
<u>RACE</u>					
White	50.4%	1,117	475	361	281
Black	46.4%	1,027	542	373	112
American Indian	0.4%	8	2	4	2
Asian/Pac. Islander	0.5%	11	9	1	1
Other	2.3%	52	38	13	1
<u>COMMITMENT</u>					
Voluntary	10.0%	222	51	92	79
Involuntary	86.1%	1,907	932	657	318
Emergency	1.4%	31	28	3	0
Criminal	2.5%	55	55	0	0
Others	0.0%	0	0	0	0
<u>DIAGNOSIS</u>					
Alcohol Abuse	1.0%	22	5	14	3
Drug Abuse	4.8%	107	30	55	22
Mental Retardation	1.2%	26	5	10	11
Schizophrenia	19.5%	431	225	142	64
Schizophreniform	0.2%	5	0	4	1
Schizoaffective	22.2%	492	209	186	97
Bipolar	11.8%	262	135	86	41
Adjustment	1.9%	42	21	11	10
Personality & Other	5.3%	118	57	22	39
Dysthymia	0.3%	7	2	0	5
Major Depressive	12.3%	272	123	122	27
Other Psychotic	0.2%	5	4	1	0
Primary Degen. Dementia	0.3%	6	6	0	0
Other Org. Mental Disorder	0.8%	17	10	4	3
Conduct	3.5%	77	13	46	18
Delusional	0.7%	15	7	3	5
All Other	14.0%	311	214	46	51
<u>SEX</u>					
Male	60.5%	1,340	659	472	209
Female	39.5%	875	407	280	188

*NOTE: Excludes all Visiting Patients and Outpatients.