

**NORTH CAROLINA PSYCHIATRIC  
HOSPITALS**

**ANNUAL STATISTICAL REPORT**

**FISCAL YEAR 2016**

**TITLE:** Annual Statistical Report  
North Carolina Psychiatric Hospitals  
Fiscal Year 2016

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This FY2015-2016 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 FY2015-2016 reported by the three hospitals show mixed trends in most indicators. The resident populations increased in 2016 when compared to 2015. The number of admissions decreased in 2016 when compared to 2015 by 271 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.

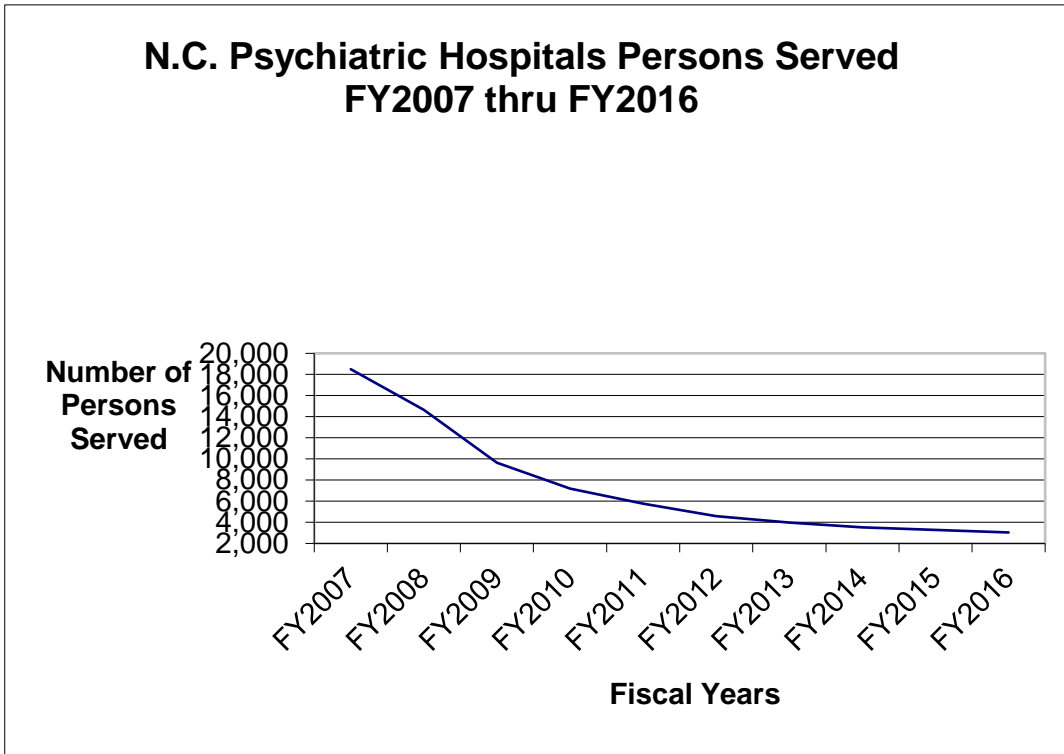
**TRENDS OF MAJOR SERVICE INDICATORS  
NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**

**TABLE 1**

SERVICE INDICATOR	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	PERCENT FY 15 VS FY14	CHANGE FY 16 VS FY15
RESIDENT POPULATION AND ON LEAVES (JULY 1)*	1,079	1,073	770	833	784	763	754	777	794	828	2.2%	4.3%
TOTAL ADMISSIONS	17,419	13,570	8,873	6,355	4,970	3,809	3,210	2,752	2,482	2,211	-9.8%	-10.9%
PERSONS SERVED	18,498	14,643	9,643	7,188	5,754	4,572	3,964	3,529	3,276	3,039	-7.2%	-7.2%
TOTAL DD, IND, DEATHS	17,430	13,643	8,811	6,405	4,987	3,820	3,182	2,716	2,447	2,260	-9.9%	-7.6%
Direct Discharges	17,409	13,623	8,791	6,337	4,954	3,797	3,165	2,701	2,432	2,253	-10.0%	-7.4%
Indirect Discharges	9	8	8	10	23	13	10	12	11	1	-8.3%	-90.9%
Deaths	12	12	12	58	10	10	7	3	4	6	33.3%	50.0%
AVERAGE DAILY POPULATION	1,137	1,091	878	864	772	764	768	794	813	762	2.4%	-6.3%
RESIDENT POPULATION AND ON LEAVES (JUNE 30)	1,068	1,000	832	783	767	752	782	813	829	779	2.0%	-6.0%
PERSONS SERVED RATE PER /100,000	205	158	103	76	60	47	41	35	33	30	-5.7%	-9.1%
ADMISSIONS RATE PER/100,000	193	147	94	67	52	39	33	28	25	22	-10.7%	-12.0%

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 2007 to 2016. Persons served shows an 84% decrease from 18,498 in fiscal year 2007 to 3,039 in fiscal year 2016.

NOTE: Excludes outpatients and visiting patients.

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**  
**BY LME AND COUNTY OF RESIDENCE**  
**PERSONS SERVED DURING FY2015-2016**

**TABLE 2**

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2014 /1	ADMIS-SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2014	ADMIS-SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
<b>STATE TOTAL/1</b>	<b>828</b>	<b>2,211</b>	<b>3,039</b>	<b>30</b>					
<b>Alliance Behavioral</b>	<b>200</b>	<b>685</b>	<b>885</b>	<b>48</b>	<b>Eastpointe</b>	<b>71</b>	<b>318</b>	<b>389</b>	<b>47</b>
Cumberland	33	79	112	34	Bladen	1	5	6	17
Durham	35	140	175	58	Columbus	5	11	16	28
Johnston	12	18	30	16	Duplin	2	14	16	27
Wake	120	448	568	55	Edgecombe	9	18	27	50
					Greene	1	8	9	43
<b>Cardinal Innovations</b>	<b>203</b>	<b>445</b>	<b>648</b>	<b>21</b>	Lenoir	7	25	32	55
Alamance	12	32	44	28	Nash	5	30	35	37
Cabarrus	10	14	24	12	Robeson	8	26	34	26
Caswell	3	6	9	38	Sampson	3	42	45	70
Chatham	2	9	11	15	Scotland	3	12	15	42
Davidson	7	16	23	14	Wayne	18	89	107	86
Davie	1	3	4	10	Wilson	9	38	47	57
Forsyth	27	50	77	21					
Franklin	9	47	56	86	<b>Partners Behavioral</b>	<b>56</b>	<b>124</b>	<b>180</b>	<b>19</b>
Granville	3	27	30	51	Burke	12	33	45	50
Halifax	9	14	23	44	Catawba	6	13	19	12
Mecklenburg	74	101	175	17	Cleveland	7	19	26	27
Orange	6	26	32	23	Gaston	12	21	33	15
Person	2	15	17	43	Iredell	10	21	31	18
Rockingham	8	24	32	35	Lincoln	4	7	11	13
Rowan	10	19	29	21	Surry	3	6	9	12
Stanly	3	3	6	10	Yadkin	2	4	6	16
Stokes	3	7	10	21					
Union	7	8	15	7					
Vance	7	18	25	55					
Warren	0	6	6	29					

\*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN

\*\*PERSONS SERVED RATE PER 100,000 NC POPULATION  
(2016 POPULATION PROJECTIONS)

/1 INCLUDES 8 OUT OF STATE RESIDENTS

/2 INCLUDES 21 OUT OF STATE RESIDENTS

/3 INCLUDES 29 OUT OF STATE RESIDENTS

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**  
**BY LME AND COUNTY OF RESIDENCE**  
**PERSONS SERVED DURING FY2015-2016**

**TABLE 2**

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2014 /1	ADMIS-SIONS /2	PERSONS SERVED /3	RATE** PERSONS SERVED PER 100,000 POP.	STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2014	ADMIS-SIONS	PERSONS SERVED	RATE** PERSONS SERVED PER 100,000 POP.
<b>STATE TOTAL/1</b>	<b>828</b>	<b>2,211</b>	<b>3,039</b>	<b>30</b>					
<b>Sandhills</b>	<b>92</b>	<b>189</b>	<b>281</b>	<b>26</b>	<b>Smoky Mountain</b>	<b>112</b>	<b>199</b>	<b>311</b>	<b>28</b>
Anson	4	5	9	34	Alexander	3	2	5	13
Guilford	44	99	143	27	Alleghany	1	3	4	36
Harnett	11	29	40	31	Ashe	2	4	6	22
Hoke	7	10	17	32	Avery	2	3	5	28
Lee	11	23	34	58	Buncombe	35	35	70	27
Montgomery	1	1	2	7	Caldwell	6	25	31	37
Moore	5	9	14	15	Cherokee	2	16	18	65
Randolph	7	7	14	10	Clay	1	0	1	9
Richmond	2	6	8	18	Graham	0	1	1	11
				0	Haywood	5	18	23	38
				19	Henderson	12	18	30	26
				34	Jackson	2	5	7	17
				24	Macon	3	2	5	14
				30	Madison	1	4	5	23
				28	McDowell	9	9	18	40
				37	Mitchell	1	4	5	33
				37	Polk	2	4	6	29
				0	Rutherford	14	20	34	50
				47	Swain	2	2	4	26
					Transylvania	0	3	3	9
					Watauga	4	6	10	18
					Wilkes	4	15	19	27
					Yancey	1	0	1	6

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<b>STATE TOTAL/1</b>	<b>828</b>	<b>2,211</b>	<b>3,039</b>	<b>30</b>					
<b>Trillium</b>	<b>86</b>	<b>229</b>	<b>315</b>	<b>24</b>	<b>Unknown</b>	<b>0</b>	<b>1</b>	<b>1</b>	
Beaufort	5	6	11	23					
Bertie	2	5	7	34					
Brunswick	8	23	31	25					
Camden	0	0	0	0					
Carteret	2	6	8	11					
Chowan	1	3	4	28					
Craven	6	19	25	24					
Currituck	0	0	0	0					
Dare	0	3	3	8					
Gates	0	0	0	0					
Hertford	3	8	11	45					
Hyde	0	0	0	0					
Jones	0	2	2	19					
Martin	3	4	7	30					
New Hanover	21	61	82	37					
Northampton	3	2	5	24					
Onslow	10	16	26	13					
Pamlico	0	1	1	8					
Pasquotank	3	8	11	28					
Pender	3	18	21	36					
Perquimans	3	3	6	44					
Pitt	13	39	52	29					
Tyrrell	0	0	0	0					
Washington	0	2	2	16					

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**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS  
BY LME AND RESPONSIBLE COUNTY  
PERSONS SERVED DURING FY2015-2016  
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<b>STATE TOTAL/1</b>	<b>828</b>	<b>2,211</b>	<b>3,039</b>	<b>30</b>					
<b>Alliance Behavioral</b>	<b>195</b>	<b>691</b>	<b>886</b>	<b>48</b>	<b>Eastpointe</b>	<b>70</b>	<b>307</b>	<b>377</b>	<b>46</b>
Cumberland	36	83	119	36	Bladen	2	4	6	17
Durham	37	139	176	58	Columbus	4	8	12	21
Johnston	13	17	30	16	Duplin	1	16	17	28
Wake	109	452	561	54	Edgecombe	6	21	27	50
<b>Cardinal Innovations</b>	<b>205</b>	<b>448</b>	<b>653</b>	<b>21</b>	Greene	0	13	13	62
Alamance	14	32	46	29	Lenoir	7	20	27	46
Cabarrus	9	20	29	14	Nash	5	25	30	32
Caswell	2	5	7	30	Robeson	10	25	35	26
Chatham	2	9	11	15	Sampson	4	36	40	63
Davidson	7	15	22	13	Scotland	4	13	17	48
Davie	0	3	3	13	Wayne	22	86	108	86
Forsyth	27	54	81	22	Wilson	5	40	45	55
Franklin	8	44	52	80	<b>Partners Behavioral</b>	<b>59</b>	<b>123</b>	<b>182</b>	<b>20</b>
Granville	4	29	33	56	Burke	11	28	39	44
Halifax	9	12	21	40	Catawba	8	16	24	15
Mecklenburg	76	101	177	17	Cleveland	8	22	30	31
Orange	4	26	30	21	Gaston	15	18	33	15
Person	4	15	19	48	Iredell	10	21	31	18
Rockingham	6	25	31	34	Lincoln	3	9	12	15
Rowan	11	16	27	19	Surry	2	6	8	11
Stanly	4	2	6	10	Yadkin	2	3	5	13
Stokes	3	8	11	24					
Union	8	9	17	8					
Vance	7	18	25	55					
Warren	0	5	5	24					

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**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS  
BY LME AND RESPONSIBLE COUNTY  
PERSONS SERVED DURING FY2015-2016**

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<b>NORTH CAROLINA</b>					<b>NORTH CAROLINA</b>				
<b>STATE TOTAL/1</b>	<b>828</b>	<b>2,211</b>	<b>3,039</b>	<b>30</b>					
<b>Sandhills</b>	<b>88</b>	<b>190</b>	<b>278</b>	<b>25</b>	<b>Smoky Mountain</b>	<b>108</b>	<b>190</b>	<b>298</b>	<b>27</b>
Anson	3	4	7	27	Alexander	3	1	4	11
Guilford	43	98	141	27	Alleghany	1	3	4	36
Harnett	7	27	34	26	Ashe	2	3	5	18
Hoke	6	11	17	32	Avery	3	2	5	28
Lee	10	22	32	54	Buncombe	29	35	64	25
Montgomery	0	1	1	4	Caldwell	8	27	35	42
Moore	7	8	15	16	Cherokee	1	14	15	54
Randolph	7	11	18	13	Clay	1	0	1	9
Richmond	5	8	13	29	Graham	0	1	1	11
					Haywood	6	17	23	38
					Henderson	8	21	29	25
					Jackson	2	4	6	14
					Macon	3	2	5	14
					Madison	1	4	5	23
					McDowell	7	12	19	42
					Mitchell	1	2	3	20
					Polk	4	4	8	38
					Rutherford	17	18	35	52
					Swain	2	1	3	20
					Transylvania	1	3	4	12
					Watauga	4	7	11	20
					Wilkes	3	9	12	17
					Yancey	1	0	1	6

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(2016 POPULATION PROJECTIONS)

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PERSONS SERVED DURING FY2015-2016  
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<b>STATE TOTAL/1</b>	<b>828</b>	<b>2,211</b>	<b>3,039</b>	<b>30</b>					
<b>Trillium</b>	<b>95</b>	<b>242</b>	<b>337</b>	<b>26</b>	<b>Unknown</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Beaufort	8	9	17	36					
Bertie	2	5	7	34					
Brunswick	9	23	32	25					
Camden	0	0	0	0					
Carteret	3	7	10	14					
Chowan	2	3	5	35					
Craven	7	21	28	27					
Currituck	0	0	0	0					
Dare	0	4	4	11					
Gates	0	0	0	0					
Hertford	5	10	15	61					
Hyde	0	0	0	0					
Jones	0	2	2	19					
Martin	2	4	6	25					
New Hanover	20	63	83	37					
Northampton	5	2	7	33					
Onslow	13	15	28	14					
Pamlico	0	1	1	8					
Pasquotank	2	8	10	25					
Pender	2	15	17	29					
Perquimans	2	2	4	29					
Pitt	13	46	59	33					
Tyrrell	0	0	0	0					
Washington	0	2	2	16					

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\*\*PERSONS SERVED RATE PER 100,000 NC POPULATION

(2016 POPULATION PROJECTIONS)

/1 INCLUDES 8 OUT OF STATE RESIDENTS

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**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**

**\*\*TOTAL PERSONS SERVED FY2015-2016**

**TABLE 2-A**

	<b>TOTAL PERCENT</b>	<b>TOTAL NUMBER</b>	<b>CENTRAL REGIONAL</b>	<b>CHERRY</b>	<b>BROUGHTON</b>
<b>TOTAL PERSONS SERVED</b>	<b>100.0%</b>	<b>3,039</b>	<b>1,512</b>	<b>787</b>	<b>740</b>
<b><u>*AGE GROUPS</u></b>					
00-14	6.4%	194	107	55	32
15-17	9.7%	294	120	109	65
18-24	11.2%	340	187	76	77
25-34	20.1%	610	307	146	157
35-44	16.4%	499	232	132	135
45-54	14.7%	448	211	116	121
55-64	14.8%	450	232	118	100
65+	6.7%	204	116	35	53
<b><u>SEX</u></b>					
Males	60.1%	1,826	969	446	411
Females	39.9%	1,213	543	341	329
<b><u>RACE</u></b>					
White	45.4%	1,380	597	313	470
Black	50.4%	1,533	841	441	251
American Indian	0.7%	22	7	11	4
Asian/Pac. Islander	0.5%	16	11	1	4
Unknown	0.1%	3	3	0	0
Other	2.8%	85	53	21	11
<b><u>ETHNIC ORIGIN</u></b>					
Hispanic Mexican/American	1.7%	51	25	19	7
Hispanic Puerto Rican	0.2%	5	2	3	0
Hispanic Cuban	0.1%	2	0	2	0
Hispanic Other	0.3%	9	9	0	0
Not Hispanic Origin	97.8%	2,972	1,476	763	733
Unknown	0.0%	0	0	0	0
<b><u>COMMITMENT</u></b>					
Voluntary	9.7%	295	75	114	106
Involuntary	87.5%	2,659	1,354	671	634
Emergency	0.9%	26	24	2	0
Criminal	1.9%	59	59	0	0
Other	0.0%	0	0	0	0
<b><u>DIAGNOSIS</u></b>					
Alcohol Abuse	0.9%	27	9	12	6
Drug Abuse	2.5%	77	33	26	18
I/DD	1.5%	46	16	12	18
Schizophrenia	25.3%	768	386	211	171
Schizophreniform	0.2%	7	4	1	2
Schizoaffective	18.9%	573	241	159	173
Bipolar	10.0%	304	155	67	82
Adjustment	1.6%	48	30	7	11
Personality & Other	5.7%	174	89	39	46
Dysthymia	0.2%	6	2	1	3
Major Depressive	11.7%	356	153	137	66
Other Psychotic	1.0%	29	18	9	2
Primary Degen. Dementia	0.3%	8	7	0	1
Other Org. Mental Disord.	1.4%	43	25	5	13
Conduct	4.1%	126	45	45	36
Delusional	0.4%	12	7	0	5
All Other	14.3%	435	292	56	87

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**  
**06-30-16 RESIDENT POPULATION AND ON LEAVES\*\***

**TABLE 3**

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
TOTAL BOOK POPULATION	100%	779	350	162	267
<u>*AGE GROUPS</u>					
00-14	3.0%	23	10	6	7
15-17	3.6%	28	12	6	10
18-24	10.9%	85	38	14	33
25-34	22.0%	171	73	38	60
35-44	15.0%	117	49	26	42
45-54	18.1%	141	70	26	45
55-64	16.6%	129	55	36	38
65+	10.9%	85	43	10	32
<u>SEX</u>					
Males	68.2%	531	248	115	168
Females	31.8%	248	102	47	99
<u>RACE</u>					
White	45.6%	355	146	49	160
Black	49.7%	387	181	103	103
American Indian	0.1%	1	1	0	0
Asian/Pac. Islander	0.4%	3	3	0	0
Other	4.2%	33	19	10	4
<u>COMMITMENT</u>					
Voluntary	7.6%	59	12	9	38
Involuntary	89.3%	696	316	151	229
Emergency	1.8%	14	12	2	0
Criminal	1.3%	10	10	0	0
Other	0.0%	0	0	0	0
<u>DIAGNOSIS</u>					
Alcohol Abuse	0.5%	4	0	2	2
Drug Abuse	1.0%	8	2	0	6
Mental Retardation	1.8%	14	2	4	8
Schizophrenia	37.2%	290	140	64	86
Schizophreniform	0.1%	1	0	0	1
Schizoaffective	26.8%	209	78	51	80
Bipolar	5.4%	42	25	6	11
Adjustment	0.3%	2	0	0	2
Personality & Other	4.1%	32	18	3	11
Dysthymia	0.0%	0	0	0	0
Major Depressive	5.6%	44	22	10	12
Other Psychotic	0.5%	4	2	2	0
Primary Degen. Dementia	0.4%	3	3	0	0
Other Org. Mental Disord.	1.5%	12	6	2	4
Conduct	1.9%	15	2	6	7
Delusional	0.3%	2	2	0	0
All Other	12.5%	97	48	12	37
AVERAGE DAILY RESIDENT POP.		813	364	178	271

\* Age was calculated at end of fiscal year (06-30-16).

\*\* Excludes all Visiting Patients and Outpatients.

The total hospital resident and on leave population is **(779)**. Table 3 presents breakdowns of the population by age, sex, race, commitment, and diagnosis. Residents with schizophrenia comprise over 37 percent of the total population. **10.9 percent** of the population is 65 years of age or older, **(68.2 %)** is male. **54.4** percent are non-white.

## **TOTAL ADMISSIONS**

There were **2,211** admissions to the State Psychiatric Hospitals during fiscal year **2016**.

The largest group of referrals **56** percent ( **1,239** ) were made by General Hospitals. **5.7** percent ( **127** ) were self referred or referred by relatives, family or friends, while law enforcement referred over **12.7** percent ( **280** ). Involuntary admissions accounted for over **86.3** percent ( **1,907** ) of the total admissions for FY16.

Males constituted **58.3** percent ( **1,288** ) of the admissions. Of the total admissions **53.6** percent ( **1,185** ) were non-white. **23.9** percent ( **529** ) of the year's admissions had completed a high school education or GED. **6** percent ( **132** ) had completed eight years of schooling while only **2.5** percent ( **55** ) had completed four years of college or more.

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**

**FIRST AND READMISSIONS\* - FY 2015-16**

**TABLE 4**

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
<b>TOTAL ADMISSIONS</b>	<b>100.0%</b>	<b>2,211</b>	<b>1,140</b>	<b>605</b>	<b>466</b>
<u>VETERAN STATUS</u>					
Yes	2.4%	53	28	17	8
No	97.6%	2,158	1,112	588	458
<u>TYPE COMMITMENT</u>					
Voluntary	11.0%	244	64	109	71
Involuntary	86.3%	1,907	1,017	495	395
Emergency	0.5%	11	10	1	0
Criminal	2.2%	49	49	0	0
Others	0.0%	0	0	0	0
<u>ADMISSION SOURCE</u>					
LME (Local Mgt. Entity)	0.6%	14	12	2	0
Self	5.7%	127	9	95	23
Private Physician/Psychol.	0.0%	0	0	0	0
Law Enforcement	12.7%	280	133	75	72
Gen. Hosp. (Psych/Non Psych)	56.0%	1,239	836	379	24
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	18.8%	415	85	14	316
All Others	6.2%	136	65	40	31
<u>RACE</u>					
White	46.4%	1,026	457	263	306
Black	49.8%	1,101	630	320	151
American Indian	0.6%	14	5	7	2
Asian/Pac. Islander.	0.4%	8	5	0	3
All Others	2.7%	59	40	15	4
Unknown	0.1%	3	3	0	0
<u>SEX</u>					
Male	58.3%	1,288	716	330	242
Female	41.7%	923	424	275	224
<u>RESIDENTIAL ARRANGEMENT</u>					
Private Residence	65.0%	1,438	755	404	279
Other Independent	0.0%	0	0	0	0
Homeless	6.1%	135	67	37	31
Correctional Fac.	12.5%	276	125	79	72
Institution	6.5%	144	105	14	25
Residential Fac.	2.1%	46	8	22	16
Other Dependent	4.2%	93	25	34	34
Nursing home (ICF SNF)	0.2%	5	4	0	1
Not Collected/Not Available	3.3%	74	51	15	8

\*EXCLUDES VISITING AND OUTPATIENTS, INCLUDES TRANSFERS-IN



**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**  
**FIRST AND READMISSIONS\* - FY2015-2016**  
**TABLE 4 (CONT'D)**

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
<b>TOTAL ADMISSIONS</b>	<b>100.0%</b>	<b>2,211</b>	<b>1,140</b>	<b>605</b>	<b>466</b>
<b><u>AGE GROUPS</u></b>					
00-14 Years	9.6%	212	110	67	35
15-17 Years	11.8%	261	100	107	54
18-24 Years	11.6%	257	150	52	55
25-34 Years	19.6%	434	230	104	100
35-44 Years	15.9%	351	161	104	86
45-54 Years	14.8%	327	170	90	67
55-64 Years	12.1%	268	148	67	53
65+	4.6%	101	71	14	16
<b><u>DIAGNOSIS</u></b>					
Alcohol Abuse	1.2%	27	9	12	6
Drug Abuse	3.4%	75	32	26	17
Mental Retardation	1.3%	28	9	7	12
Schizophrenia	21.1%	467	247	137	83
Schizophreniform	0.3%	7	4	1	2
Schizoaffective	16.8%	372	170	105	97
Bipolar	11.8%	262	137	56	69
Adjustment	1.9%	43	29	6	8
Personality & Other	6.5%	144	73	36	35
Dysthymia	0.3%	6	2	1	3
Major Depressive	14.2%	315	133	126	56
Other Psychotic	0.5%	10	5	3	2
Primary Degen. Dementia	0.3%	6	6	0	0
Other Org. Mental Disorder	1.1%	24	13	5	6
Conduct	4.9%	108	35	44	29
Delusional	0.4%	8	5	0	3
All Other	14.0%	309	231	40	38
<b><u>MARITAL STATUS</u></b>					
Single	77.1%	1,704	867	491	346
Married	6.3%	139	83	29	27
Separated	2.6%	58	35	13	10
Divorced	9.1%	201	80	56	65
Widowed	2.2%	48	23	15	10
Unreported	2.8%	61	52	1	8

\*EXCLUDES VISITING AND OUTPATIENTS, INCLUDES TRANSFERS-IN.

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS

FIRST AND READMISSIONS\* - FY2015-2016

TABLE 4 (CONT'D)

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
<b>TOTAL ADMISSIONS</b>	<b>100.0%</b>	<b>2,211</b>	<b>1,140</b>	<b>605</b>	<b>466</b>
<b><u>EDUCATION LEVEL</u></b>					
PRESCH-KINDER.	0.0%	0	0	0	0
KINDERGARTEN	0.0%	1	1	0	0
FIRST GRADE	0.1%	2	1	1	0
SECOND GRADE	0.2%	5	5	0	0
THIRD GRADE	0.1%	3	2	1	0
FOURTH GRADE	0.3%	7	4	1	2
FIFTH GRADE	0.9%	21	10	10	1
SIXTH GRADE	1.8%	40	11	19	10
SEVENTH GRADE	2.4%	54	16	27	11
EIGHTH GRADE	6.0%	132	39	62	31
NINTH GRADE	8.3%	183	61	74	48
TENTH GRADE	7.0%	154	71	58	25
ELEVENTH GRADE	4.7%	105	45	40	20
TWELTH GRADE	18.8%	415	145	154	116
GED	5.2%	114	47	42	25
SOME COLLEGE	1.2%	26	26	0	0
TECH. TRADE SCHOOL	2.4%	53	30	9	14
ASSOC. DEGREE	1.3%	28	13	6	9
POST BATCH. DEGREE	0.6%	13	8	3	2
BACCAL. DEGREE	2.5%	55	23	16	16
POST GRAD. DEGREE	0.0%	0	0	0	0
SPECIAL EDUCATION	0.3%	6	2	3	1
NONE	0.0%	0	0	0	0
UNKNOWN	35.9%	794	580	79	135
<b><u>ETHNIC ORIGIN</u></b>					
HISPANIC MEX./AMER.	1.7%	38	19	15	4
HISPANIC PUERTO/RIC.	0.2%	5	2	3	0
HISPANIC CUBAN	0.0%	0	0	0	0
HISPANIC OTHER	0.4%	8	8	0	0
NOT OF HISPANIC ORIG.	97.7%	2160	1111	587	462
<b><u>LEGAL STATUS</u></b>					
NO LEGAL STATUS	82.2%	1,817	974	485	358
NO OTH. KNOWN LEGAL	0.1%	3	3	0	0
HOUSE BILL 95	0.0%	0	0	0	0
DETAINDER, OTHER	0.7%	15	12	0	3
HB95 WITH DETAINDER	9.9%	218	74	74	70
DEPT. CORRECTION	2.0%	44	44	0	0
PROBATION	0.9%	20	1	15	4
NOT GUILTY REASON OF INSANITY	0.8%	18	17	0	1
DETAINDER	0.8%	18	10	8	0
PENDING	2.6%	58	5	23	30
DWI	0.0%	0	0	0	0

\*EXCLUDES VISITING AND OUTPATIENTS, INCLUDES TRANSFERS-IN.

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**  
**DISCHARGES\*-FY2015-2016**  
**TABLE 5**

	TOTAL PERCENT	TOTAL NUMBER	CENTRAL REGIONAL	CHERRY	BROUGHTON
<b>TOTAL DISCHARGES</b>	<b>100.0%</b>	<b>2,260</b>	<b>1,162</b>	<b>625</b>	<b>473</b>
<b><u>TYPE DISCHARGE</u></b>					
DIRECT DISCHARGE	99.7%	2,253	1,158	622	473
INDIRECT DISCHARGE	0.1%	3	0	3	0
TRANSFER-OUTS	0.0%	0	0	0	0
DEATHS**	0.2%	4	4	0	0
OTHERS	0.0%	0	0	0	0
<b><u>REFERRAL FOR SERVICES</u></b>					
LME (Local Mgt. Entity)	72.3%	1,634	911	469	254
CRIMINAL JUSTICE	5.6%	126	31	54	41
NO REFERRAL	0.1%	3	3	0	0
COMMUNITY AGENCY	0.0%	0	0	0	0
VA HOSPITAL	0.0%	0	0	0	0
GENERAL HOSPITAL	0.6%	13	5	6	2
STATE FACILITY	10.0%	226	66	26	134
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%	0	0	0	0
PRIVATE PHYSICIAN	0.0%	0	0	0	0
ATC	0.0%	0	0	0	0
WHITAKER	0.0%	0	0	0	0
ALL OTHERS	11.4%	258	146	70	42
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%). ( 0.1 %) were indirect discharges.

Deaths accounted for (0.2 %) of discharges.

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

NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS FY2015-2016  
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	30	16	10	7	24	9	9	59	31
Alcohol abuse	9	29	11	10	18	14	4	23	23
Alcohol Related Organic	16	22	11	4	56	12	1	14	14
Anxiety	66	65	34	21	26	13	10	438	116
Attention deficit	22	56	52	2	80	80	4	97	90
Autism & Pervasive Dev.	21	144	69	0	0	0	9	134	78
Bipolar	130	93	29	61	91	20	71	86	50
Conduct	43	89	43	39	23	16	29	72	49
Delusional	5	199	49	0	0	0	5	70	73
Dissociative	1	18	18	0	0	0	0	0	0
Dysthymia	2	12	12	1	2	2	3	40	19
I/DD	14	421	76	8	323	259	10	479	274
Major depressive	131	47	15	127	31	14	54	77	42
Medication induced disorders	0	0	0	0	0	0	0	0	0
Other childhood disorders	5	151	48	0	0	0	2	80	81
Other Mental Disorders	19	203	97	3	11	8	9	411	121
Other Nonpsychotic/Mental	12	75	36	1	42	42	1	4	4
Other Problems Not Mental	19	64	15	1	119	119	1	225	225
Other Psychotic	16	56	28	7	104	73	2	74	74
Personality & Other Impulses	71	108	17	36	42	19	35	100	61
Primary Degen. Dementia	4	111	69	0	0	0	1	1,209	1,209
Schizoaffective	163	144	58	108	182	60	93	242	74
Schizophrenic	246	146	56	147	270	68	85	387	135
Schizophreniform	4	30	30	1	39	39	1	140	140
Medication induced disorders	0	0	0	0	0	0	0	0	0
Somatoform / Factitious	1	15	15	1	4	4	0	0	0
Specific development	0	0	0	0	0	0	1	13	13
Substance abuse (drugs)	31	13	6	26	11	7	12	36	12
Unknown	77	78	22	13	481	130	18	453	162
Vascular dementia	4	214	231	1	187	187	3	842	854
<b>TOTAL DISCHARGES</b>	<b>1,162</b>	<b>104</b>	<b>33</b>	<b>625</b>	<b>132</b>	<b>26</b>	<b>473</b>	<b>211</b>	<b>69</b>
<b>TOTAL DISCHARGE DAYS</b>	<b>121,111</b>			<b>82,825</b>			<b>99,812</b>		

\*EXCLUDES ALL OUTPATIENTS AND VISITING PATIENTS

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS FY2015-2016**  
**DISCHARGES\* BY REPORTED DAYS IN HOSPITALS**  
**TABLE 7**

DAYS IN HOSPITAL	PERCENT	TOTAL	CENTRAL REGIONAL	CHERRY	BROUGHTON
1-7 Days	13.1%	295	176	93	26
8-14 Days	14.6%	329	157	134	38
15-30 Days	18.0%	407	227	116	64
31-60 Days	16.6%	375	195	93	87
61-90 Days	9.6%	217	116	37	64
91-180 Days	7.8%	177	72	44	61
181-365 Days	12.7%	288	143	65	80
366+ Days	7.6%	172	76	43	53
<b>TOTAL DISCHARGES</b>	<b>100.0%</b>	<b>2,260</b>	<b>1,162</b>	<b>625</b>	<b>473</b>
<b>TOTAL DAYS</b>	<b>100%</b>	<b>303,748</b>	<b>121,111</b>	<b>82,825</b>	<b>99,812</b>

LENGTH OF STAY

45.6 percent (1,031) of discharges had a length of stay of 30 days or less. This percentage increases to 79.6 percent ( 1,800 ) for a stay of 180 days or less. 92.4 percent (2,088 ) of discharges stayed in the hospital for a year or less. 7.6 percent (172) have had a stay of over one year.

**\*EXCLUDES VISITING PATIENTS AND OUTPATIENTS**

**NORTH CAROLINA STATE PSYCHIATRIC HOSPITALS**

**TOTAL DISCHARGES\* - FY2015-2016**

**TABLE 8**

	<b>TOTAL PERCENT</b>	<b>TOTAL NUMBER</b>	<b>CENTRAL REGIONAL</b>	<b>CHERRY</b>	<b>BROUGHTON</b>
<b>TOTAL DISCHARGES</b>	<b>100.0%</b>	<b>2,260</b>	<b>1,162</b>	<b>625</b>	<b>473</b>
<b><u>AGE GROUPS</u></b>					
00-14	9.1%	206	112	63	31
15-17	11.9%	269	107	109	53
18-24	11.4%	258	152	54	52
25-34	19.3%	437	234	105	98
35-44	16.6%	375	180	102	93
45-54	14.6%	330	160	93	77
55-64	12.1%	273	147	77	49
65+	5.0%	112	70	22	20
<b><u>RACE</u></b>					
White	45.4%	1,025	451	264	310
Black	50.7%	1,146	660	338	148
American Indian	0.9%	21	6	11	4
Asian/Pac. Islander	0.6%	13	8	1	4
Other	2.4%	55	37	11	7
<b><u>COMMITMENT</u></b>					
Voluntary	10.4%	236	63	105	68
Involuntary	86.9%	1,963	1,038	520	405
Emergency	0.5%	12	12	0	0
Criminal	2.2%	49	49	0	0
Others	0.0%	0	0	0	0
<b><u>DIAGNOSIS</u></b>					
Alcohol Abuse	1.0%	23	9	10	4
Drug Abuse	3.1%	69	31	26	12
Mental Retardation	1.4%	32	14	8	10
Schizophrenia	21.2%	478	246	147	85
Schizophreniform	0.3%	6	4	1	1
Schizoaffective	16.1%	364	163	108	93
Bipolar	11.6%	262	130	61	71
Adjustment	2.0%	46	30	7	9
Personality & Other	6.3%	142	71	36	35
Dysthymia	0.3%	6	2	1	3
Major Depressive	13.8%	312	131	127	54
Other Psychotic	1.1%	25	16	7	2
Primary Degen. Dementia	0.2%	5	4	0	1
Other Org. Mental Disorder	1.4%	31	19	3	9
Conduct	4.9%	111	43	39	29
Delusional	0.4%	10	5	0	5
All Other	15.0%	338	244	44	50
<b><u>SEX</u></b>					
Male	57.3%	1,295	721	331	243
Female	42.7%	965	441	294	230

\*NOTE: Excludes all Visiting Patients and Outpatients.