

## NORTH CAROLINA ALCOHOL & DRUG ABUSE TREATMENT CENTERS

## ANNUAL STATISTICAL REPORT

**FISCAL YEAR 2015** 

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North Carolina Alcohol & Drug Abuse Treatment Centers

Fiscal Year 2015

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### ANNUAL STATISTICAL REPORT FISCAL YEAR 2014-2015 NORTH CAROLINA ALCOHOL & DRUG ABUSE TREATMENT CENTERS

#### **INTRODUCTION:**

This is an annual report providing information from selected service indicators on the North Carolina Alcohol & Drug Abuse Treatment Centers (ADATCs). Data included in the report are compiled from client admissions, client movements including discharges, and client diagnostic information. The data are stored in the Division of Mental Health, Developmental Disabilities, and Substance Abuse Services Client Data Warehouse(CDW). This report only includes data on inpatient stays.

Six detail summary tables are presented in this report. Eight additional graphs are provided to highlight data in the summary tables. Table 1 provides population summary data for fiscal year **2015** for each of the three Alcohol & Drug Abuse Treatment Centers. Data on persons served by region and county are presented in Table 2a, Table 2b, and Table 2c. Table 3a provides demographic characteristics of the persons served at the three ADATCs. Table 3b shows the number of persons served by the three ADATCs by employment status and education. Table 3c reflects the number of persons served by the three ADATCs, for two populations of special interest, pregnant women and injection drug users, shown by commitment level, and by diagnosis. Table 4 provides a comparison of major service indicators for the past ten fiscal years. And Table 5 provides Discharge Days and Average Length of Stay for each of the three Alcohol & Drug Abuse Treatment Centers. Table 6a displays the primary drug of choice for each of the three Alcohol & Drug Abuse Treatment Centers.

#### **ADMISSIONS:**

Admissions have decreased by **8.03%**, from **3,847** in fiscal year **2014** to **3,538** in fiscal year **2015**.

#### **DISCHARGES:**

During fiscal year 2015, there were a total of **3,583** direct discharges, indirect discharges, deaths, Transfer-outs and program completions. **Thirty-eight percent** (**38%**) of total separations were program completions. There were no deaths reported during **FY15**.

#### **PERSONS SERVED:**

The statistic "Persons Served" is calculated by summing the book population at the beginning of the fiscal year plus all admissions and readmissions during the year. There were a total of **3,698** persons served in state Alcohol & Drug Abuse Treatment Centers during fiscal year **2015**.

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 show the number of persons served by the three ADATCs from each county in the state. Also shown for each county is the ratio of persons served per 100,000 county population. Table 2 shows the number of persons served by the three ADATC's selected indicators. The "Persons Served" rate ranges from a high of **193** in Vance County to a low of **0** in Camden, Davidson and Tyrrell Counties, with an overall statewide rate of **37**.

The average length of stay in FY15 was 14.30 days, a 1.79 days decrease from 16.09 days in FY14. The length of stay increased at JFK by 2.02 days from 17.93 in FY14 to 15.91 in FY15. RJB's length of stay decreased by 1.48 days. At WBJ, the length of stay decreased by 2.33 days.

36.5% percent of persons served at the ADATCs in FY15 were women, a decrease from 37.3% in FY14. The percentage of nonwhite persons served at ADATCs was 21.3% in FY15, a decrease from 22.7% in FY14.

For fiscal year **2015**, **44.1%** of the persons served reported alcohol as their primary drug of choice and **10.9%** reported cocaine. In **FY15**, cocaine, as a primary drug of choice, decreased by **1.6**% and alcohol, as a primary drug of choice, increased by **2.2%** compared to **FY14**.

TABLE 1

FISCAL YEAR 2014-2015 SERVICE INDICATORS

NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC's)

SERVICE INDICATOR	TOTAL	ADATC JFK	ADATC WBJ	ADATC RJB
TOTAL BOOK POPULATION (07/01/14)	160	49	54	57
TOTAL ADMISSIONS	3,538	1,236	1,048	1,254
TOTAL SEPARATIONS Direct Discharges Indirect Discharges Deaths Transfers Out Program Completion * Other	3,583 1,522 2 0 3 1,362 694	1,251 569 2 0 1 485 194	1,065 520 0 0 1 461 83	1,267 433 0 0 1 416 417
DISCHARGE REFERRALS Self LMEs (Local Managing Entities) State Facility Other General Hospital	3,583 30 2,207 14 1,320 12	1,251 30 1,147 13 53 8	1,267 0 14 0 1,253 0	1,065 0 1,046 1 14 4
TOTAL BOOK POPULATION (06/30/15)	115	34	37	44
PERCENT OCCUPIED DURING YEAR*	69%	80%	52%	75%
AVERAGE DAILY RESIDENT POPULATION	135	54	35	46

JFK Capacity = 68

WBJ Capacity = 66

RJB Capacity = 62

<sup>\*</sup> Program Completion category was discontinued in SFY 15. These discharges are comparable to Direct Discharges.

#### NORTH CAROLINA ALCOHOL AND DRUG ABUSE TREATMENT CENTERS BY LME AND RESPONSIBLE COUNTY PERSONS SERVED DURING FY2014-2015

#### TABLE 2

\*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN \*\*PERSONS SERVED RATE PER 100,000 NC POPULATION

(2015 POPULATION PROJECTIONS)

/1 INCLUDES 0 OUT OF STATE RESIDENTS
/2 INCLUDES 5 OUT OF STATE RESIDENTS
/3 INCLUDES 5 OUT OF STATE RESIDENTS

#### NORTH CAROLINA ALCOHOL AND DRUG ABUSE TREATMENT CENTERS BY LME AND RESPONSIBLE COUNTY PERSONS SERVED DURING FY2014-2015

#### TABLE 2

COUNTIES NORTH CAROLINA	LEAVES 7/1/2014 /1	SIONS /2	SERVED /3	PERSONS SERVED PER 100,000 POP.	AND COUNTIES NORTH CAROLINA	AND ON LEAVES 7/1/2014	ADMIS- SIONS	PERSONS SERVED	PERSONS SERVED PER 100,000 POP.
STATE TOTAL/1	160	3,538	3,698	37					
ECBH	20	364	384	62	Partners Behavioral	9	173	182	20
Northampton	0	2	2	9	Surry	0	15	15	20
Camden	0	0	0		Burke	1	46	47	53
Jones	1	2	3		Cleveland	1	18	19	19
Hyde	0	1	1		Lincoln	3	3	6	7
Pamlico	0	9	9		Yadkin	1	6	7	19
Pitt	11	203	214		Iredell	2	28	30	18
Bertie	0	5	5		Catawba	1	30	31	20
Gates	0	1	1	8	Gaston	0	27	27	13
Perquimans	0	5	5	37					
Hertford	1	1	2	8					
Chowan	0	4	4	27					
Craven	4	66	70	67					
Tyrrell	0	0	0		Sandhills	13	269	282	26
Beaufort	1	13	14		Randolph	2	29	31	22 79
Washington	0	5	5		Lee	2	45	47	/9
Martin	0	5	5		Harnett	2	40	42	33
Pasquotank	1	15	16		Richmond	2	40	42	92
Dare	1	25	26		Moore	2	36 1	38	40
Currituck	U	2	2	8	Montgomery Hoke	0	•	1	4
						0	10 7	10 7	19 26
					Anson Guilford	3	61	64	26 12
					Guilford	3	01	64	12

\*EXCLUDES VISITING PATIENTS AND OUTPATIENTS, INCLUDES TRANSFERS-IN
\*\*PERSONS SERVED RATE PER 100,000 NC POPULATION

(2015 POPULATION PROJECTIONS)

/1 INCLUDES 0 OUT OF STATE RESIDENTS
/2 INCLUDES 5 OUT OF STATE RESIDENTS
/3 INCLUDES 5 OUT OF STATE RESIDENTS

#### NORTH CAROLINA ALCOHOL AND DRUG TREATMENT CENTERS BY LME AND RESPONSIBLE COUNTY PERSONS SERVED DURING FY 2014-2015

#### TABLE 2

STATE AND COUNTIES NORTH CAROLINA	RES. POP. AND ON LEAVES 7/1/2014 /1	ADMIS- SIONS	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.
STATE TOTAL/1	160	3,538	3,698	37					
<b>Smoky Mountain</b> Wilkes	<b>36</b> 0	<b>1,000</b> 35	<b>1036</b> 35	50	Unknown	0	1	1	
Haywood	5	82	87	145					
Caldwell Watauga Yancey	2 0 0	62 10 7	64 10 7	78 19 39					
Transylvania	0	14	14	41					
McDowell	0	26	26	57					
Alexander	0	11	11	29					
Buncombe	14	418	432	170					
Madison	1	14	15	69					
Mitchell	0	3	3	19					
Henderson	5	84	89	79					
Rutherford	2 0	58 5	60 5	89 46					
Clay Cherokee	2	48	50 50	46 183					
Avery	0	8	8	45					
Ashe	2	8	10	36					
Alleghany	0	3	3	27					
Swain	l ő	16	16	107					
Macon	2	40	42	120					
Jackson	1	31	32	78					
Graham	0	10	10	112					
Polk	0	7	7	34					

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

(2015 POPULATION PROJECTIONS)

/1 INCLUDES 0 OUT OF STATE RESIDENTS
/2 INCLUDES 5 OUT OF STATE RESIDENTS
/3 INCLUDES 5 OUT OF STATE RESIDENTS

<sup>\*\*</sup>PERSONS SERVED RATE PER 100,000 NC POPULATION

TABLE-3a

PERSONS SERVED CHARACTERISTICS FY 2014-2015

NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC's)

	Tot	tal	JF	K	WE	3J	RJ	IB
	PS	%	PS	PS %		%	PS	%
Total Persons Served	3,698	100%	1,285	100%	PS 1,102	100%	1,311	100%
Age Group *	,		,		,		,	
00-14	0	0.0	0	0.0	0	0.0	0	0.0
15-17	0	0.0	0	0.0	0	0.0	0	0.0
18-20	93	2.5	32	2.5	31	2.8	30	2.3
21-24	367	9.9	150	11.7	106	9.6	111	8.5
25-34	1,232	33.3	458	35.6	405	36.8	369	28.1
35-44	902	24.4	314	24.4	257	23.3	331	25.2
45-54	758	20.5	236	18.4	213	19.3	309	23.6
55-64	312	8.4	90	7.0	75	6.8	147	11.2
65 +	34	0.9	5	0.4	15	1.4	14	1.1
Race								
Asian	8	0.2	1	0.1	1	0.1	6	0.5
Black	703	19.0	98	7.6	204	18.5	401	30.6
Indian	52	1.4	16	1.2	25	2.3	11	8.0
White	2,910	78.7	1,167	90.8	869	78.9	874	66.7
Other/Unknown	25	0.7	3	0.2	3	0.3	19	1.4
Sex								
Female	1,350	36.5	461	35.9	458	41.6	431	32.9
Male	2,348	63.5	824	64.1	644	58.4	880	67.1
Marital Status								
Married	548	14.8	212	16.5	165	15.0	171	13.0
Separated	255	6.9	96	7.5	76	6.9	83	6.3
Divorced	645	17.4	256	19.9	222	20.1	167	12.7
Widowed	74	2.0	26	2.0	27	2.5	21	1.6
Single	2,155	58.3	692	53.9	612	55.5	851	64.9
Unknown	21	0.6	3	0.2	0	0.0	18	1.4

<sup>\*</sup> Age at Admission

TABLE-3b

PERSONS SERVED CHARACTERISTICS FY 2014-2015

NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC's)

	To	tal	JF	K	WE	3J	RJ	В
	PS	%	PS	%	PS	%	PS	%
Total Persons Served	3,698	100%	1,285	100%	1,102	100%		100%
Employment Status								
Full-time	229	6.2	99	7.7	56	5.1	74	5.6
Part-time	82	2.2	46	3.6	21	1.9	15	1.1
Not in Workforce	17	0.5	7	0.5	4	0.4	6	0.5
Armed Forces	0	0.0	0	0.0	0	0.0	0	0.0
Migrant/Seasonal	0	0.0	0	0.0	0	0.0	0	0.0
Other/Unknown	170	4.6	44	3.4	10	0.9	116	8.8
Unemployed	3,200	86.5	1,089	84.7	1,011	91.7	1,100	83.9
Education								
Kindergarten	0	0.0	0	0.0	0	0.0	0	0.0
1st - 7th Grade	54	1.5	11	0.9	21	1.9	22	1.7
8th Grade	136	3.7	32	2.5	54	4.9	50	3.8
9th - 11th Grade	716	19.4	193	15.0	215	19.5	308	23.5
12th Grade	1,512	40.9	477	37.1	484	43.9	551	42.0
Some College	0	0.0	0	0.0	0	0.0	0	0.0
Baccalaureate degree	168	4.5	63	4.9	47	4.3	58	4.4
Post Graduate degree	13	0.4	11	0.9	0	0.0	2	0.2
Post Bachelor's degree	0	0.0	0	0.0	0	0.0	0	0.0
GED	536	14.5	166	12.9	212	19.2	158	12.1
Associate degree	225	6.1	80	6.2	62	5.6	83	6.3
Technical Trade School	23	0.6	5	0.4	4	0.4	14	1.1
Special Education	1	0.0	0	0.0	0	0.0	1	0.1
None, never attended school	1	0.0	1	0.1	0	0.0	0	0.0
Unknown	313	8.5	246	19.1	3	0.3	64	4.9

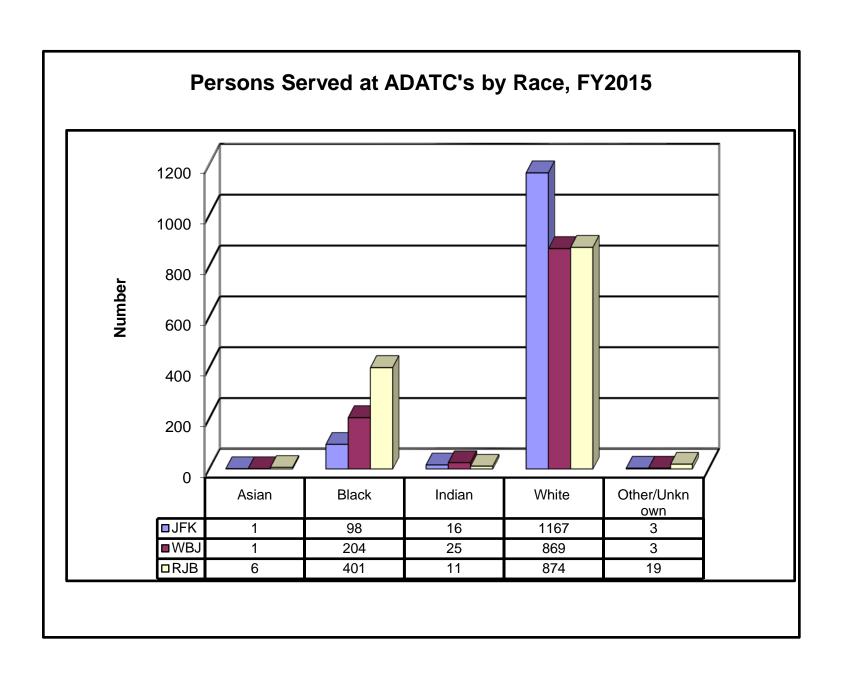


TABLE-3c

PERSONS SERVED CHARACTERISTICS FY 2014-2015

NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC's)

	To	tal	JF	K	W	3J	RJ	IB
Total Darsons Samuel	PS	% 100%	PS 1,285	% 100%	PS 1.100	%	PS	% 100%
Total Persons Served	3,698	100%	1,285	100%	1,102	100%	1,311	100%
Special Populations								
Injection Drug Users * All Other Persons Served	738 2,960	20.0 80.0	351 934	27.3 72.7	220 882	20.0 80.0	167 1,144	12.7 87.3
Pregnant Women All Other Women Men	93 1,257 2,348	2.5 34.0 63.5	6 455 824	0.5 35.4 64.1	87 371 644	7.9 33.7 58.4	0 431 880	0.0 32.9 67.1
Commitment								
Voluntary Involuntary Emergency	2,871 827 0	77.6 22.4 0.0	1,210 75 0	94.2 5.8 0.0	629 473 0	57.1 42.9 0.0	1,032 279 0	78.7 21.3 0.0
Diagnosis **								
Alcohol Abuse Drug Abuse Schizophrenic Schizoaffective Bipolar Dysthymia Adjustment Personality & Other Major Depression Other Unknown	958 1,713 14 20 112 23 25 4 327 493 9	25.9 46.3 0.4 0.5 3.0 0.6 0.7 0.1 8.8 13.3 0.2	320 712 2 1 0 1 0 0 0 246 3	24.9 55.4 0.2 0.1 0.0 0.1 0.0 0.0 0.0 19.1 0.2	82 275 10 19 108 21 23 4 320 237 3	7.4 25.0 0.9 1.7 9.8 1.9 2.1 0.4 29.0 21.5 0.3	556 726 2 0 4 1 2 0 7 10 3	42.4 55.4 0.2 0.0 0.3 0.1 0.2 0.0 0.5 0.8
Ethnic Origin								
Hispanic Mex/Amer. Hispanic Puerto/Ric Hispanic Cuban Hispanic Other Not of Hispanic Orig.	18 8 2 3 3,667	0.5 0.2 0.1 0.1 99.2	4 0 1 3 1,277	0.3 0.0 0.1 0.2 99.4	5 1 0 0 1,096	0.5 0.1 0.0 0.0 99.5	9 7 1 0 1,294	0.7 0.5 0.1 0.0 98.7

<sup>\*</sup> Any reported injection drug use during the month prior to admission.

<sup>\*\*</sup>Based on Principle Diagnosis (occasioning the admission)

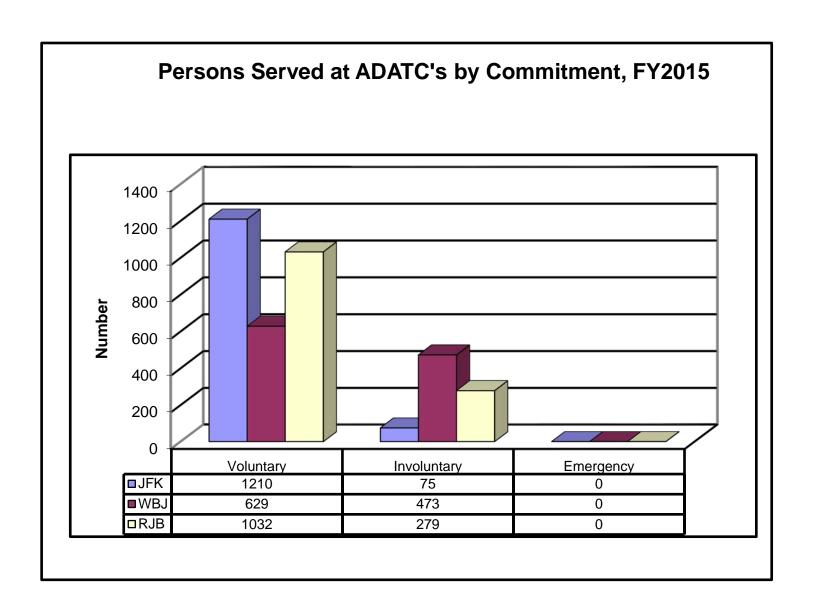


TABLE 4

TRENDS OF MAJOR SERVICE INDICATORS, FY'S 06-15

NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC'S)

Service Indicators	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15
Book Pop. July 1	148	117	166	261	182	184	207	207	202	160
Admissions	3855	3616	4118	4429	4301	4406	4058	4136	3847	3538
Persons Served	4003	3733	4284	4812	4483	4590	4265	4343	4049	3698
Total Discharges Direct Discharges Indirect Discharges	3886 3874 11	3567 3552 7	4133 4117 3	4628 4408 11	4298 4211 10	4380 4364 3	4054 4040 11	4144 4134 7		3583 3578
Deaths Transfers Out	0	0	0 13	0 209	0 77	1 12	0	0	0	0
Average Daily Pop.	135	140	166	192	194	194	192	190	190	135
Book Pop. June 30	117	166	151	184	185	210	211	199	171	115

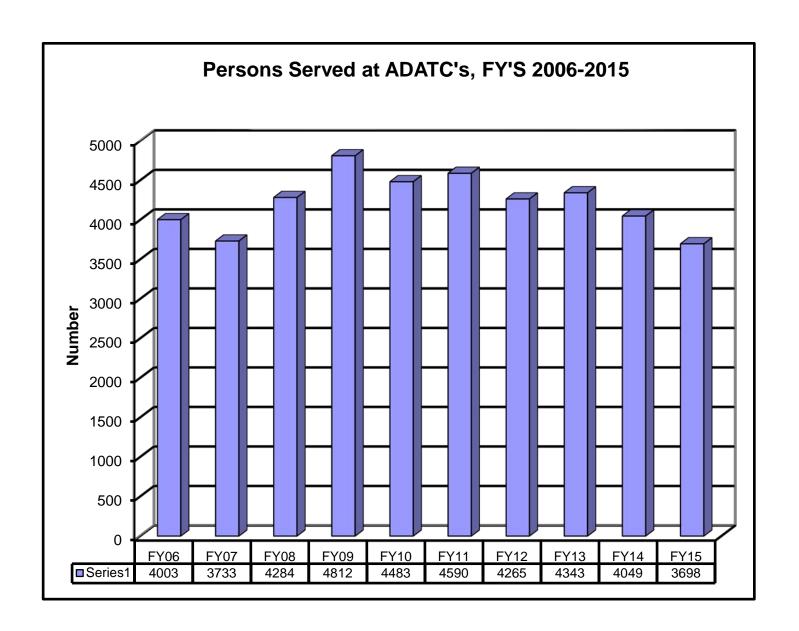


TABLE 5

DAYS IN ADATC & AVERAGE LENGTH OF STAY FOR DISCHARGES, FY15

# NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC'S)

	To	tal	JF	K	W	BJ	R	RJB		
Days in ADATC	N	%	N	%	N	%	N	%		
1 - 7 Days	836	23.3%	333	26.6%	239	22.4%	264	20.8%		
8 - 14 Days	1,407	39.3%	339	27.1%	626	58.8%	442	34.9%		
15 - 21 Days	888	24.8%	288	23.0%	140	13.1%	460	36.3%		
22 - 28 Days	285	8.0%	180	14.4%	30	2.8%	75	5.9%		
29 Days	27	0.8%	16	1.3%	4	0.4%	7	0.6%		
30 - 35 Days	72	2.0%	58	4.6%	5	0.5%	9	0.7%		
36 - 42 Days	32	0.9%	21	1.7%	5	0.5%	6	0.5%		
43 - 50 Days	17	0.5%	10	0.8%	5	0.5%	2	0.2%		
Over 50 Days	19	0.5%	6	0.5%	11	1.0%	2	0.2%		
Total Discharges	3,583	100.0%	1,251	100.0%	1,065	100.0%	1,267	100.0%		
Total Days	51,2	227	19,	909	13,	162	18,	156		
Avg. Length of Stay	14.	30	15	.91	12	.36	14	.33		

#### Note:

<sup>\*</sup> Discharge data was available for all persons served in FY15

 $<sup>^{\</sup>star}$  Length of Stay is calculated by subtracting Admission Date from Discharge Date

<sup>\*</sup> Note that we have not adjusted for leave days

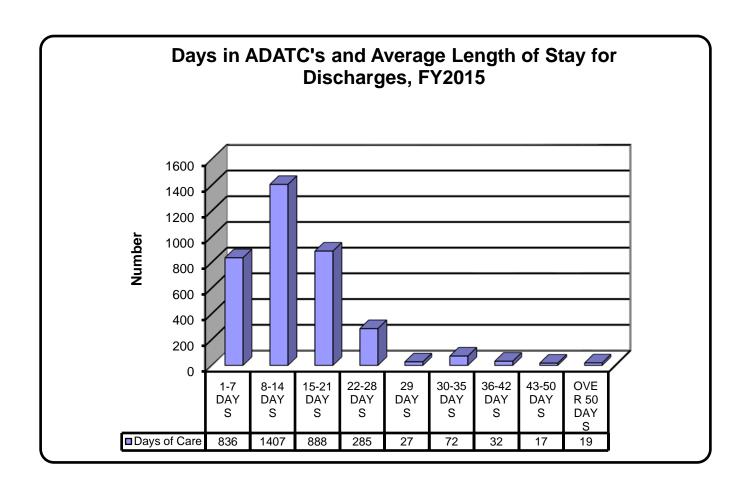


TABLE-6

REPORTED PRIMARY SUBSTANCE OF ABUSE, FY15

NORTH CAROLINA STATE ALCOHOL AND DRUG ABUSE TREATMENT CENTERS (ADATC's)

	To	tal	JF	K	WI	BJ	R	IB
Primary Drug	N	%	N	%	N	%	N	%
Alcohol	1,456	44.1	504	42.7	454	45.0	498	44.9
Cocaine	358	10.9	65	5.5	97	9.6	196	17.7
Marijuana	72	2.2	25	2.1	12	1.2	35	3.2
Heroin	430	13.0	114	9.7	218	21.6	98	8.8
Non-Rx Methadone	4	0.1	2	0.2	1	0.1	1	0.1
Other Opiates	747	22.6	334	28.3	181	17.9	232	20.9
PCP	2	0.1	0	0.0	1	0.1	1	0.1
Other Hallucinogens	3	0.1	0	0.0	1	0.1	2	0.2
Methamphetamine	129	3.9	107	9.1	11	1.1	11	1.0
Other Amphetamines	12	0.4	1	0.1	1	0.1	10	0.9
Other Stimulants	5	0.2	3	0.3	2	0.2	0	0.0
Benzodiazepine	58	1.8	21	1.8	28	2.8	9	8.0
Other Tranquilizers	0	0.0	0	0.0	0	0.0	0	0.0
Barbiturates	0	0.0	0	0.0	0	0.0	0	0.0
Other Sedatives	20	0.6	1	0.1	3	0.3	16	1.4
Inhalants	0	0.0	0	0.0	0	0.0	0	0.0
Over-the-Counter	1	0.0	0	0.0	0	0.0	1	0.1
Other	2	0.1	2	0.2	0	0.0	0	0.0
Subtotal	3,299	100.0	1,179	100.0	1,010	100.0	1,110	100.0
Not Reported	399	10.8	106	8.2	92	8.3	201	15.3
Total	3,698		1,285		1,102		1,311	

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