

North Carolina Department of Health and Human Services
Division of Mental Health, Developmental Disabilities and Substance Abuse Services

NC-TOPPS

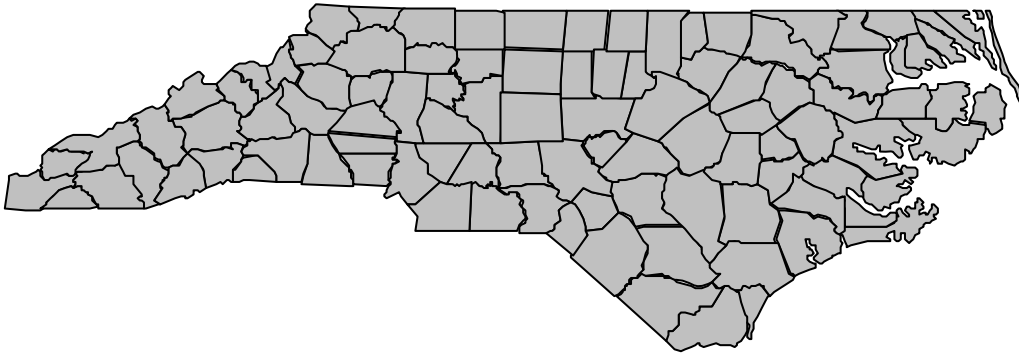
North Carolina Treatment Outcomes and Program Performance System

**Adolescent (Ages 12-17) Mental Health Consumers
Statewide**

Initial Interviews

July 1, 2009 through June 30, 2010

This report includes consumers receiving only mental health services, and those receiving both mental health and substance abuse services.



Data Collected By: Center for Urban Affairs and Community Services (CUACS)
NC State University

Report Produced By: Institute for Community-Based Research
National Development & Research Institutes, Inc. (NDRI)

Prepared For: Quality Management Team
Community Policy Management Section
DMH/DD/SAS
NC DHHS

July 2010





Adolescent (12-17) Mental Health Introduction to NC-TOPPS Report

Introduction

This feedback report provides Local Management Entities, providers and the NC Division of Mental Health, Developmental Disabilities and Substance Abuse Services data gathered for adolescent mental health consumers through the North Carolina Treatment Outcomes and Program Performance System (NC-TOPPS). It provides information gathered through the online NC-TOPPS Initial Interview. Charts, tables and text information are presented on mental health consumers' demographic characteristics, symptoms, behaviors and activities, service needs, supports and barriers, family and housing issues and outcome measures collected through an interview with consumers at the beginning of treatment. It should be noted that not every data element or response category on the NC-TOPPS Initial Interview is displayed in this report.

Please note that the charts and tables may not always match online queries that you may conduct. The data used in these reports will not necessarily reflect the same points in time. In addition, NDRI who produces these reports cleans the data and removes apparent duplicates prior to preparing the tables and charts.

Additional information about NC-TOPPS and printable version of the interviews are available at <http://www.ncdhhs.gov/mhddsas/nc-topps/>

General Information on Interpreting Tables

- Types of Statistics**
- ▶ A count shows the actual number of clients.
 - ▶ A percentage is the number of clients with a characteristic or behavior divided by all the clients in the group of interest multiplied by 100. Percentages will be designated with a % sign next to the number.
 - ▶ An average is the sum of a set of values divided by the number of values in the set. When a number in a cell is an average, the word average will appear in the row descriptor.
 - ▶ A median is the middle number in a set of numbers, arranged from lowest to highest. For example, the median for the following numbers: 9, 12, 12, 15, 17, 20, **22**, 23, 25, 28, 31, 35, 62 is the bolded number, 22. Medians are important measures of central tendency, especially when a mean may be skewed by a very high or very low value. When a number in a cell is a median, the word median will appear in the row descriptor.
- Missing Data**
- For many of the NC-TOPPS forms received, a particular item or question may have been left blank. In calculating the means, medians, and percentages in cells of questionnaire items, this missing data is excluded from the calculation. For example, program X may have submitted 50 assessments but in 2 of the assessments, gender was left blank. When the percent of males is calculated, the 25 males are shown as 52% ($25/48 \times 100$).
- Denominators**
- The denominator for nearly all percentages is the number of cases shown at the bottom on the page minus item missing data. All exceptions to this general rule are noted with appropriate text in the graphic or table. This text will state which group is included or excluded from the denominator, such as "of those enrolled in K-12." In sections with "by groups" such as by age, the denominator is the age group noted.
- Multiple Response**
- "Multiple response" indicates a "mark all that apply" type question in which more than one response to a question is allowed. The total of responses may add to greater than 100%. Examples are health insurance or diagnoses. This is in contrast to items such as gender where only a single response is allowed.
- Definition of terms**
- The Appendix at the end of the report gives definitions of acronyms, abbreviations, and other terms used in this report.
- Special notes:**

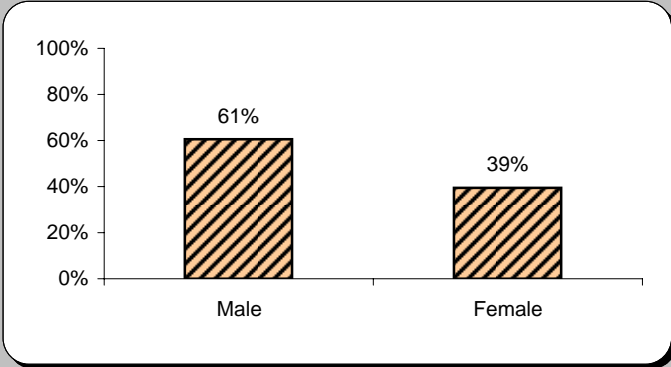


Initial Interviews Received July 1, 2009 through June 30, 2010
Adolescent (12-17) Mental Health Consumers
Statewide

This table shows the number of consumers in this report by LME.

LME	Number
Alamance-Caswell	137
Albemarle	184
Beacon Center	467
CenterPoint	574
Crossroads	200
Cumberland	335
Durham Center	575
East Carolina Behavioral Health	625
Eastpointe	490
Five County	232
Guilford	567
Johnston	108
Mecklenburg	1,015
Mental Health Partners	167
Onslow-Carteret	104
Orange-Person-Chatham	166
Pathways	592
PBH	392
Sandhills	773
Smoky Mountain Center	485
Southeastern Center	360
Southeastern Regional	636
Wake	740
Western Highlands	534
Total	10,458

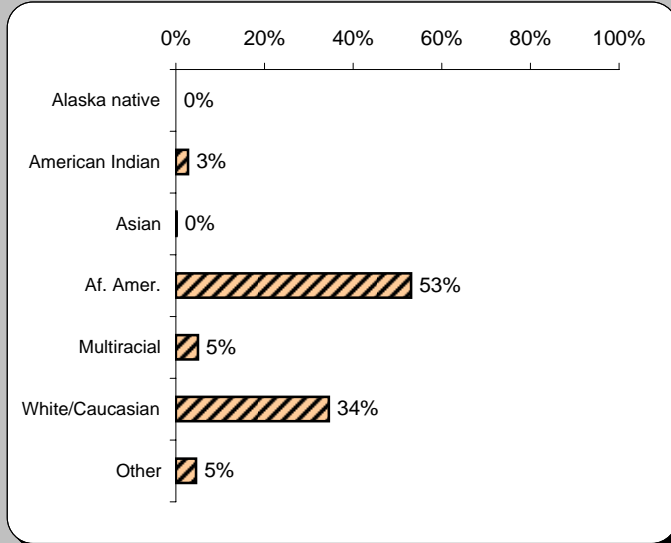
1-1: Gender



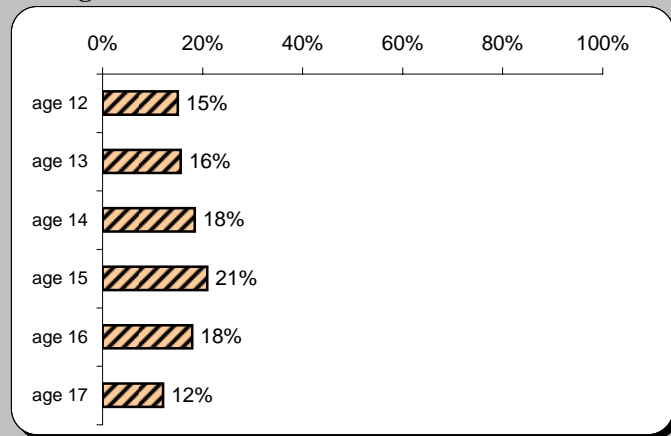
1-2: Hispanic Origin

Of the Statewide consumers, 7% indicate that they are of Hispanic, Latino, or Spanish origin.

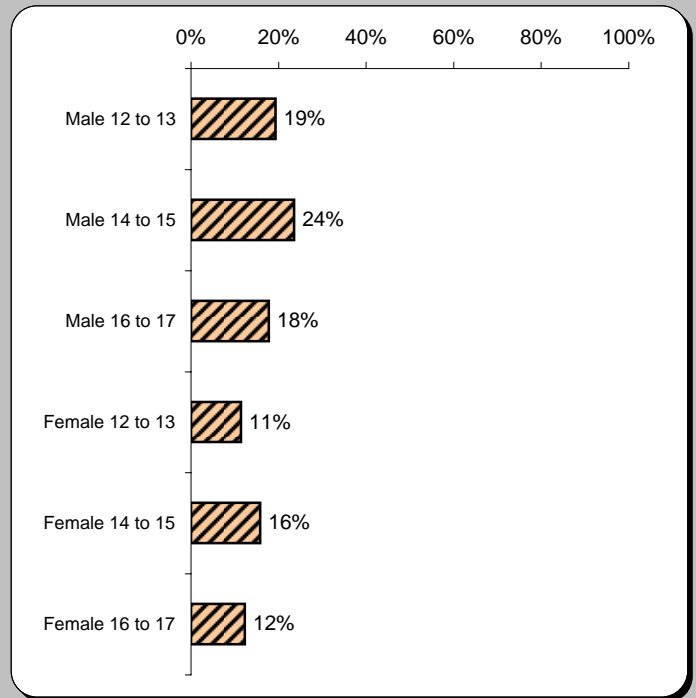
1-3: Race/Ethnicity



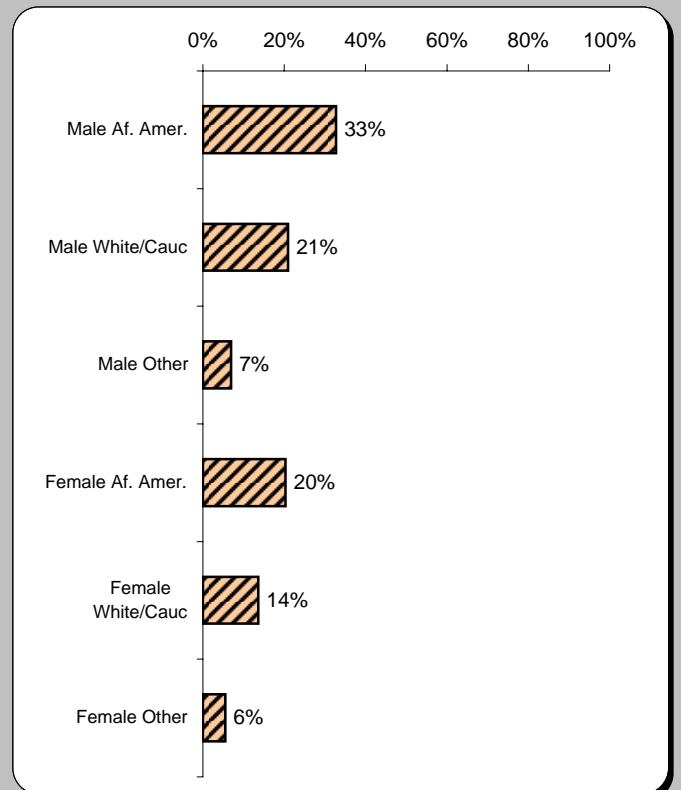
1-4: Age



1-5: Gender and Age



1-6: Gender and Race/Ethnicity



2-1: Co-Occurring Status

Services/Support Areas	%
Mental Health only	91%
Mental Health and Substance Abuse	9%

2-2: Among Co-Occurring Consumers, Type of Treatment Professional Providing Services/Supports

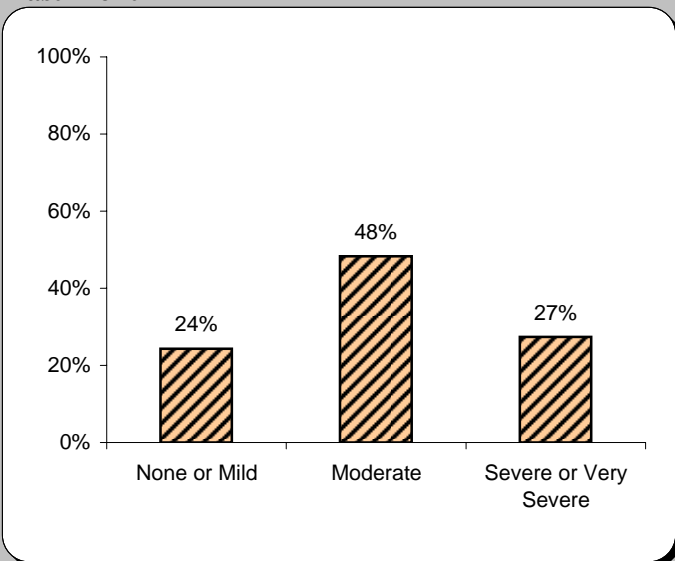
Type of Qualified Professional (QP)	Number
QP in Mental Health	344
QP in Substance Abuse	33
QP in both	552
Total Co-occurring consumers	929

2-3: DSM-IV Diagnoses

Diagnostic Category	%
Attention deficit disorder	37%
Oppositional defiant disorder	46%
Major Depression	15%
Conduct disorder	15%
Disruptive behavior	9%
Bipolar disorder	8%
Post traumatic stress disorder (PTSD)	8%
Anxiety disorder	6%
Drug Abuse	9%

* Only most commonly diagnosed conditions shown.

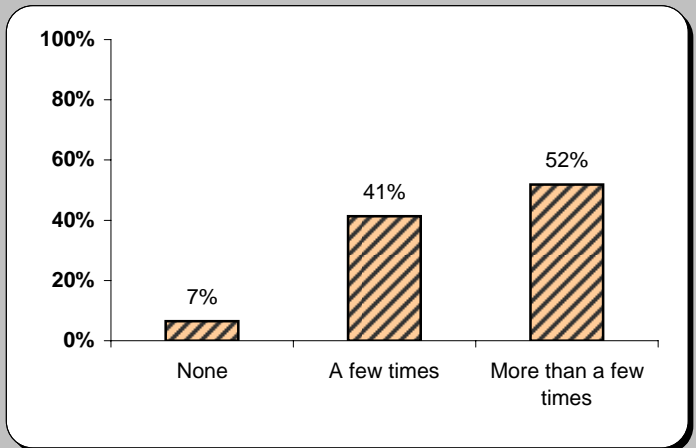
2-4: Severity of Mental Health Symptoms, Past Month



2-5: General Assessment of Functioning (GAF)

GAF scores were reported for 99% of Statewide consumers. The average score was 47 and the median score was 47.

2-6: How Often Problems Interfere with Work, School, or Other Daily Activities, Past 3 Months



2-7: Behavior Problems, Symptoms, and Abuse

	%
Suicidal Attempts, ever	11%
Suicidal thoughts, past 3 months	18%
Hurt or caused pain to oneself	12%
Hit/physically hurt another person	46%

2-8: Experienced Violence

	%
Physically abused by others, past 3 months	31%

2-9 Arrests and Justice System Involvement

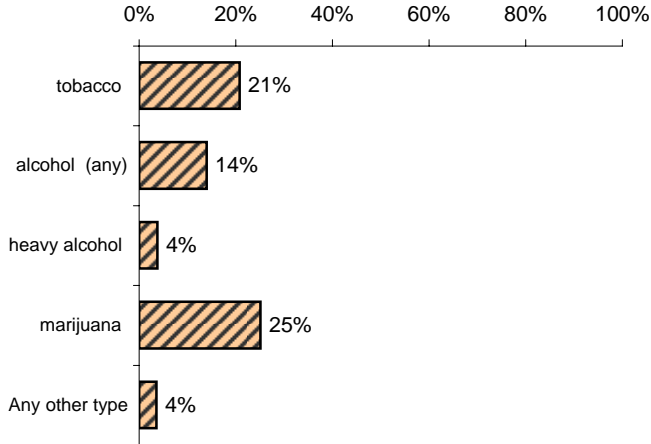
Involvement	
Arrested past year	22%
Arrested past month	8%
Trouble with the law, past month	16%
Supervision by Court or Justice System, current	30%
Nights in Jail or Detention, past 3 months	8%

3-1: Lifetime Use of Substances

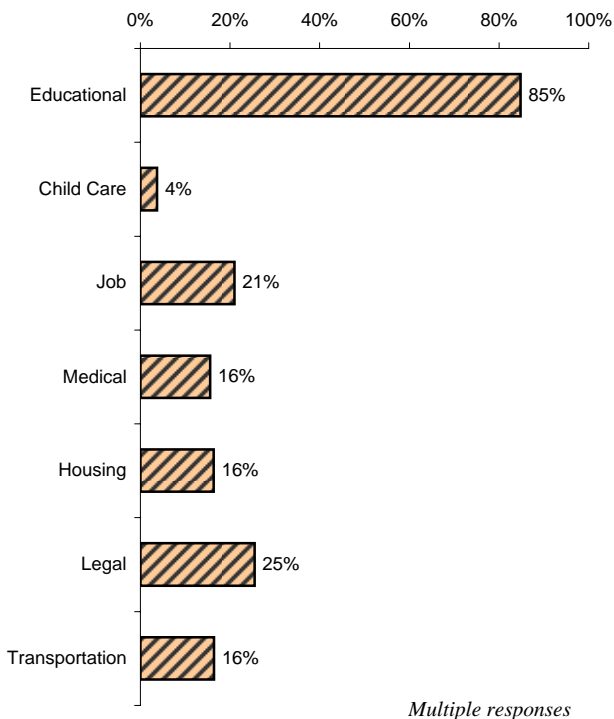
Ever used tobacco or alcohol	25%
Ever used other illicit drugs	20%

3-2: Substances Use, Past 12 Months

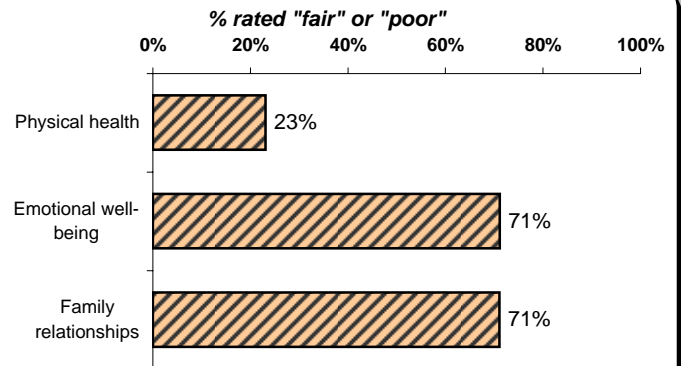
Bars show % with any use



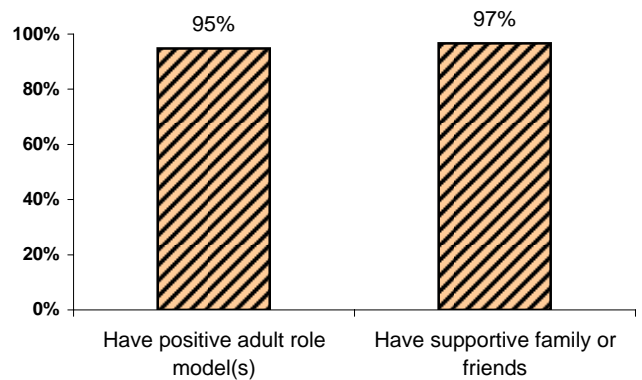
3-3: Service Needs Rated "Very Important"



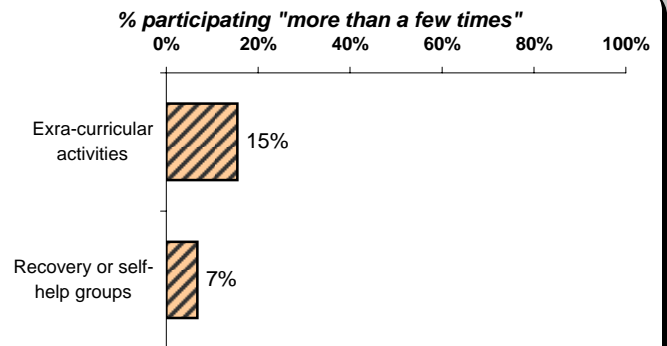
3-4: Consumer Ratings on Quality of Life



3-5: Support for Recovery



3-6: Consumer Participation in Positive Activities, Past 3 Months

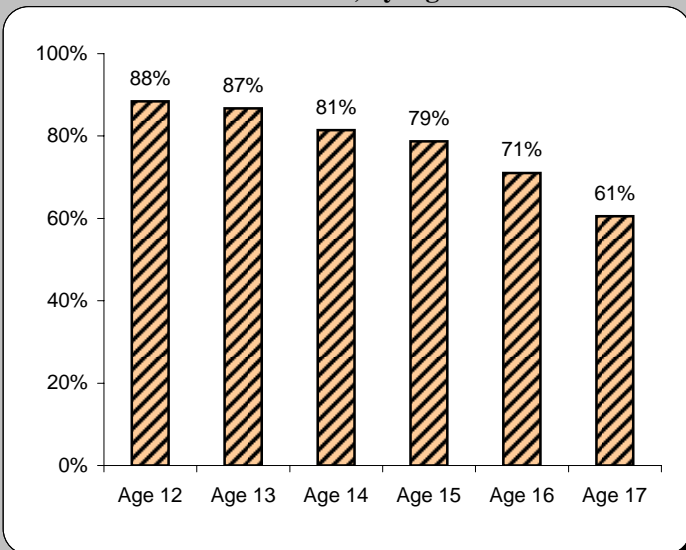


4-1: Enrollment in Academic Programs

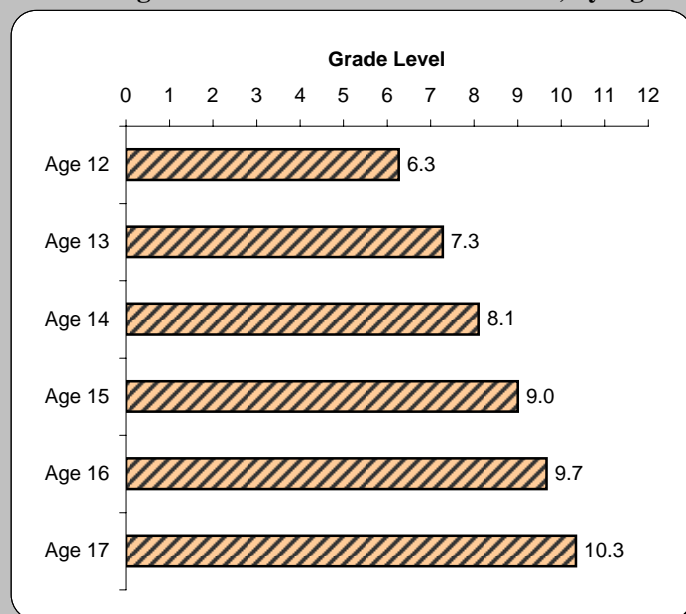
Enrolled in...	
Any Academic program	91%
Academic Schools (K-12)	78%
Alternative Learning Program (ALP)	12%
Technical or Vocational School	0%
GED or Adult Literacy	1%

Note: Multiple response.

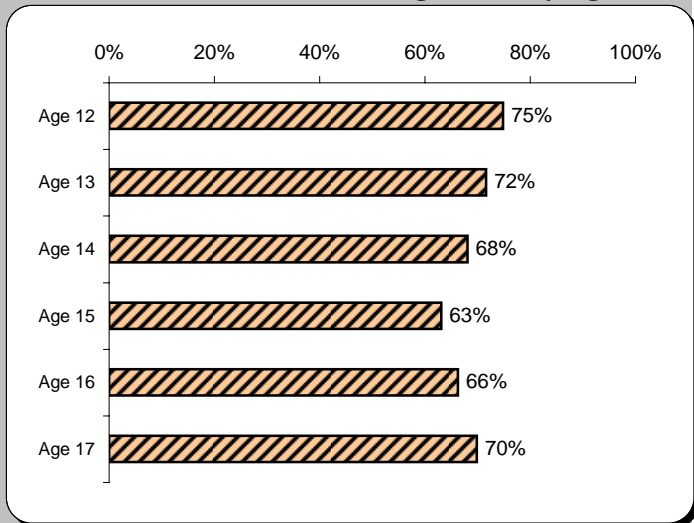
4-2: K-12 School Attendance, by Age



4-3: Average Grade Level of Students in K-12, by Age



4-4: Students in K-12 who Received Mostly A's, B's or C's at Most Recent Grading Period, by Age

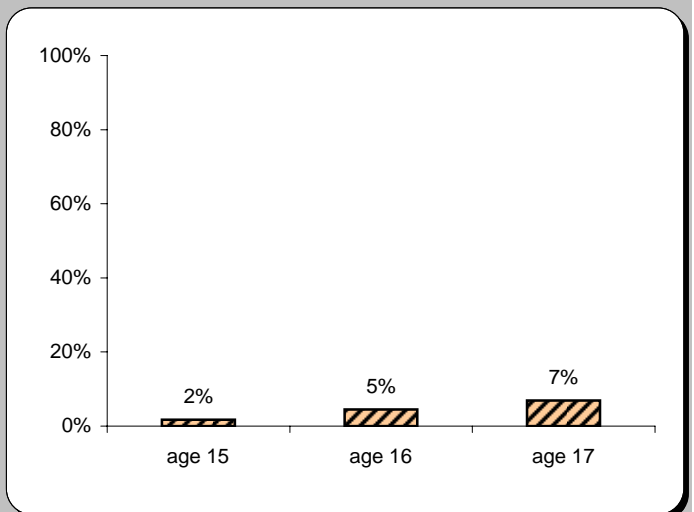


4-5: School Expulsion, Suspension and Truancy, Past 3 Months

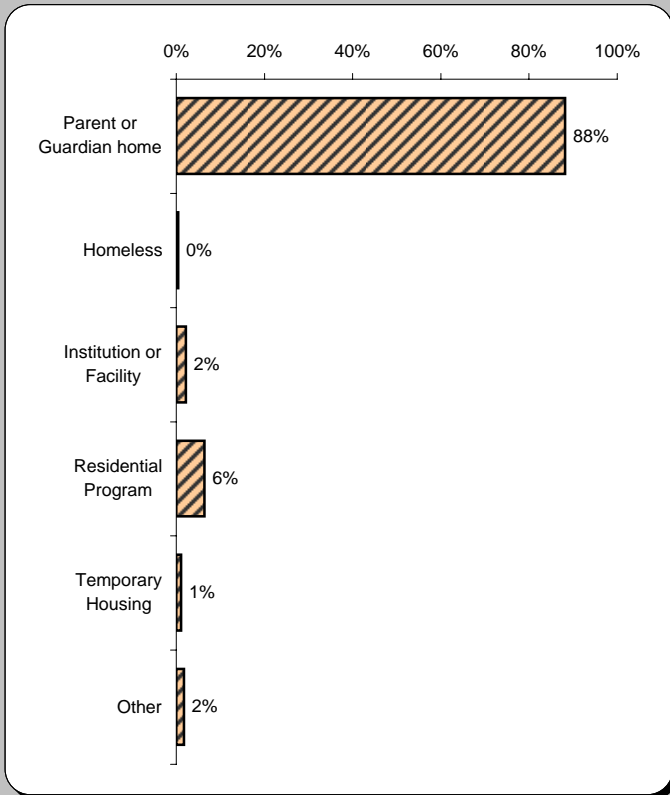
Of those enrolled in K-12, percent who missed school due to	
Expulsion	4%
Out-of-school suspension	32%
Truancy	15%

4-6: Employment, Past 3 Months, by Age

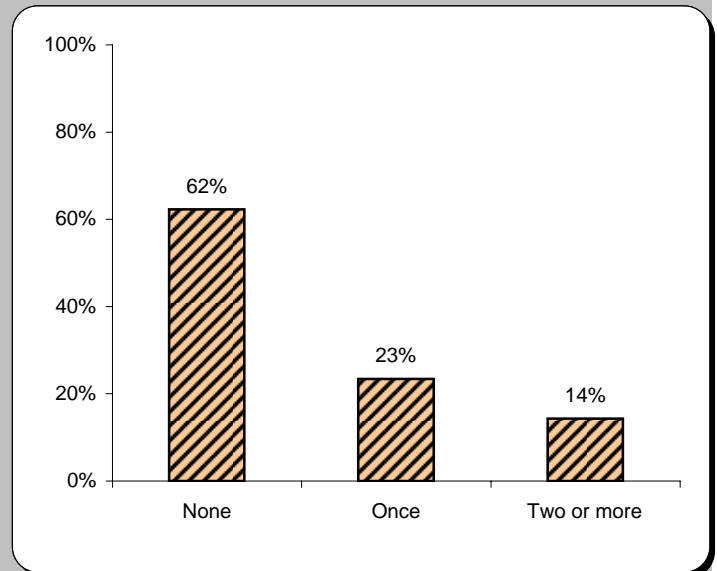
The following chart shows the percent of 15 to 17 year olds, by age, who are working full or part-time. While any work, full or part-time, is shown, nearly all work in this age group is part-time. The denominator for these percentages does not exclude those not in the labor force.



5-1: Where Lived in Past 3 Months



5-4: Times Moved Residences in the Past Year



5-2: Numbers Living in Special Circumstances Past 3 Months

	Number
Homeless sheltered	39
Homeless unsheltered	10
Therapeutic foster home	111
Level III Group Home	397
Level IV Group Home	55
State residential treatment facility	75
SA residential treatment facility	8
Halfway house	0

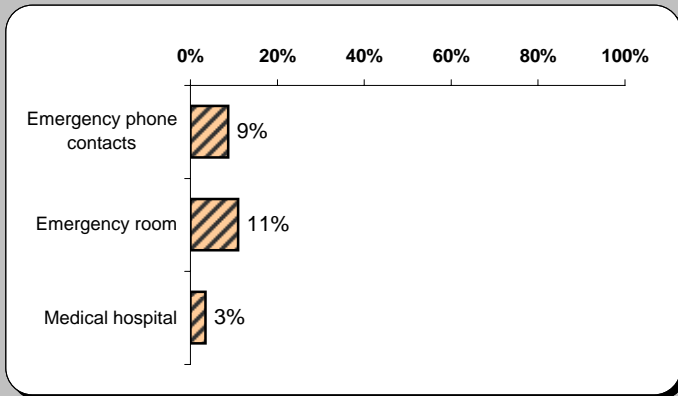
5-3: Homeless Nights, Past 3 Months

Among Statewide consumers, 2% reported night(s) homeless during the past 3 months.

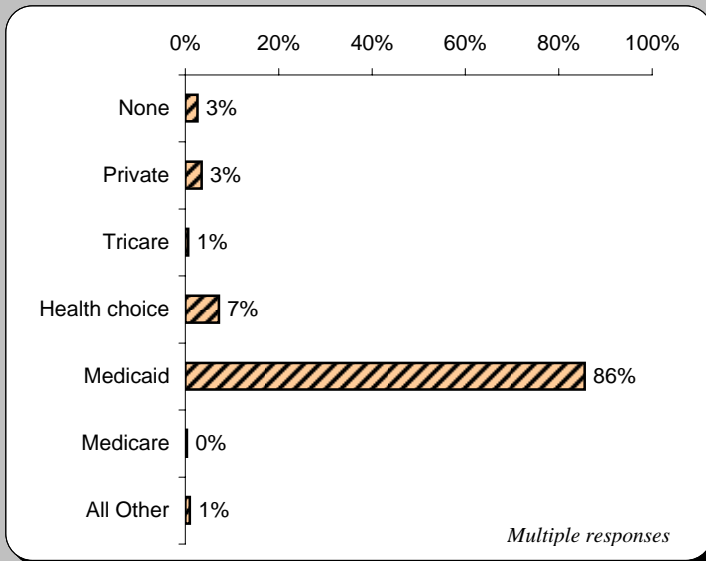
6-1: Recent Visit to Health Care Provider

Among Statewide consumers, 90% have seen their provider within the past year.

6-2: Health Care Services Utilized in Past 3 Months



6-3: Health Insurance

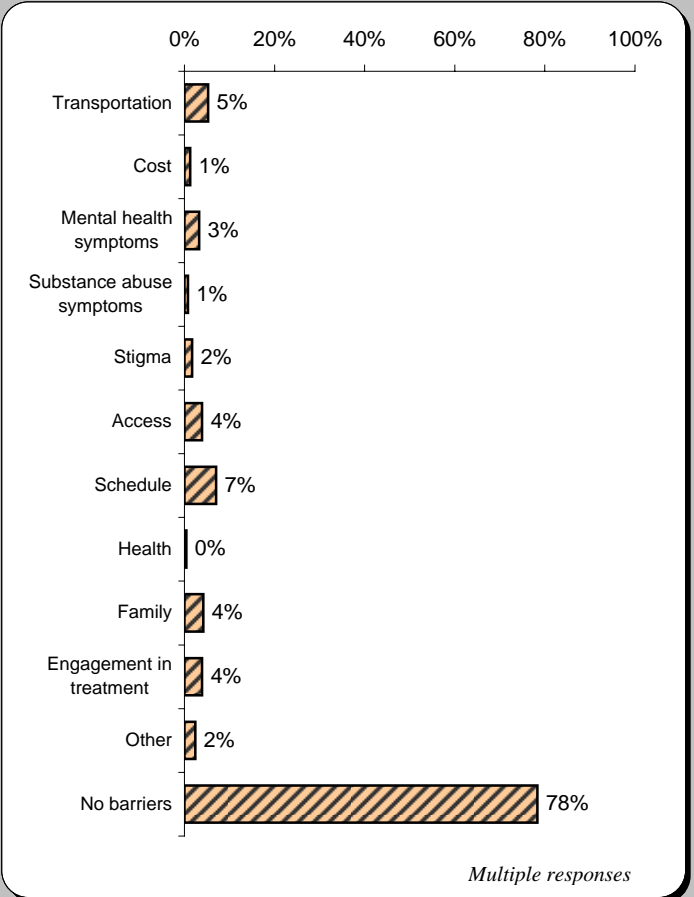


6-4: Pregnancy and Prenatal Care

	Number
Currently pregnant	88
Referred to prenatal care*	83
Receiving prenatal care*	76

* of those who are pregnant.

6-5: Barriers to Treatment



6-6: Provider Choice

	%
Received list of options of places to get services	75%
Came here (to this provider) on my own	16%
Did not receive list or options for services	9%

6-7: Timeliness of Services

	%
The first service was in a time frame that met my needs	97%



Appendix
Adolescent (Age 12-17) Mental Health
Acronyms and Abbreviations

Acronym or Term	Definition
Af Amer	African American
Benzodiaz.	Benzodiazepine(s)
Cauc.	Caucasian
DSM	Diagnostic and Statistical Manual (Edition IV)
GED	General Education Diploma (High School Equivalency)
MH	Mental Health
SA	Substance Abuse