

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

NC-TOPPS

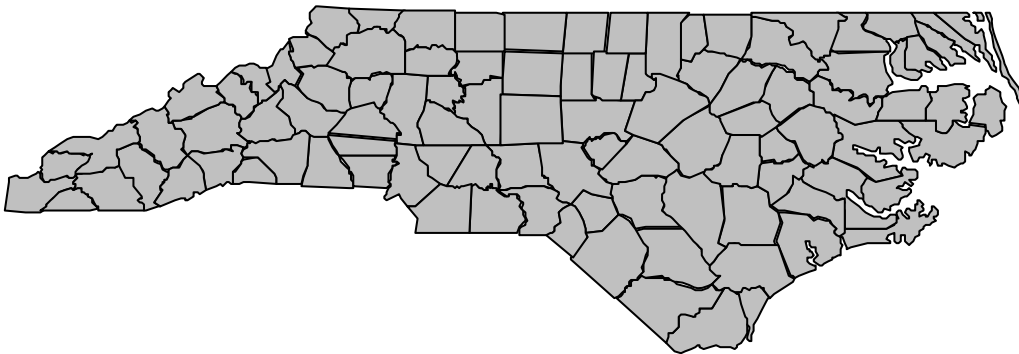
North Carolina Treatment Outcomes and Program Performance System

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

Initial Interviews

July 1, 2008 through June 30, 2009

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 2009





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 target population. 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:**

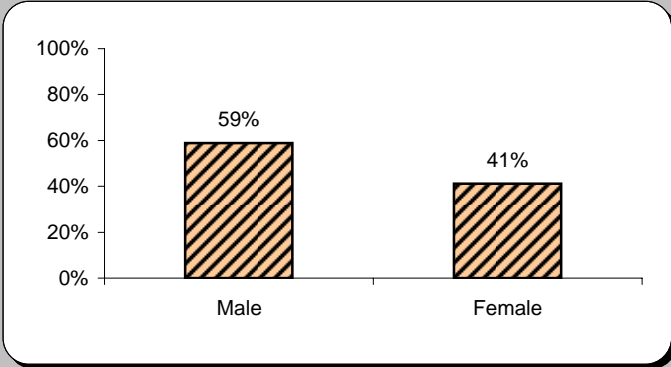


Initial Interviews Received July 1, 2008 through June 30, 2009
Adolescent (12-17) Mental Health Consumers
Statewide

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

LME	Number
Alamance-Caswell	244
Albemarle	421
Beacon Center	632
CenterPoint	618
Crossroads	306
Cumberland	364
Durham Center	622
East Carolina Behavioral Health	1,128
Eastpointe	509
Five County	360
Guilford	595
Johnston	219
Mecklenburg	1,084
Mental Health Partners	170
Onslow-Carteret	164
Orange-Person-Chatham	252
Pathways	720
PBH	575
Sandhills	914
Smoky Mountain Center	435
Southeastern Center	498
Southeastern Regional	972
Wake	981
Western Highlands	507
Total	13,290

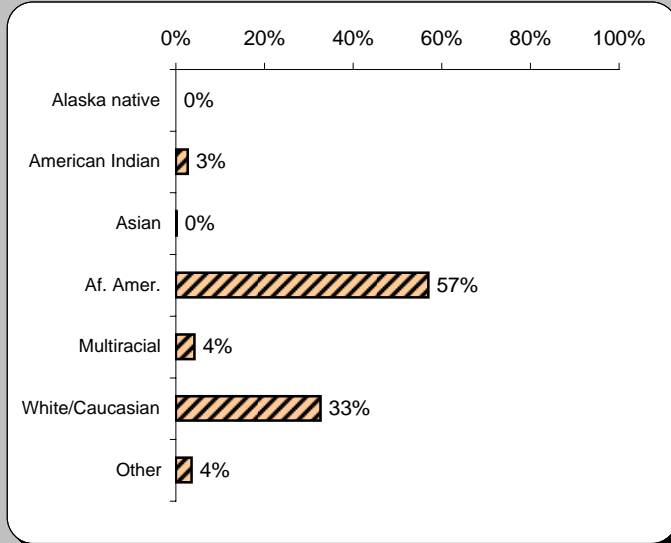
1-1: Gender



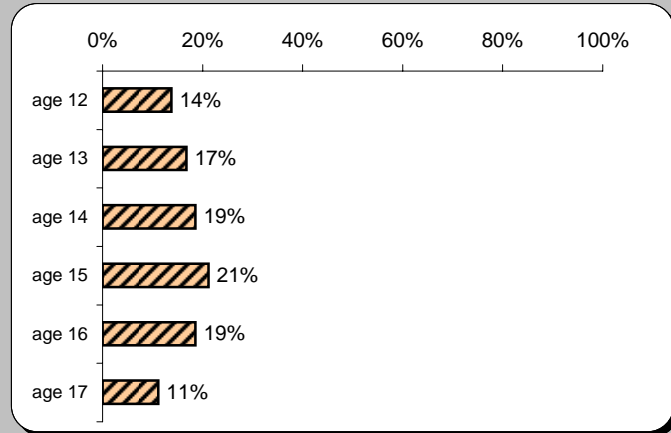
1-2: Hispanic Origin

Of the Statewide consumers, 5% indicate that they are of Hispanic, Latino, or Spanish origin.

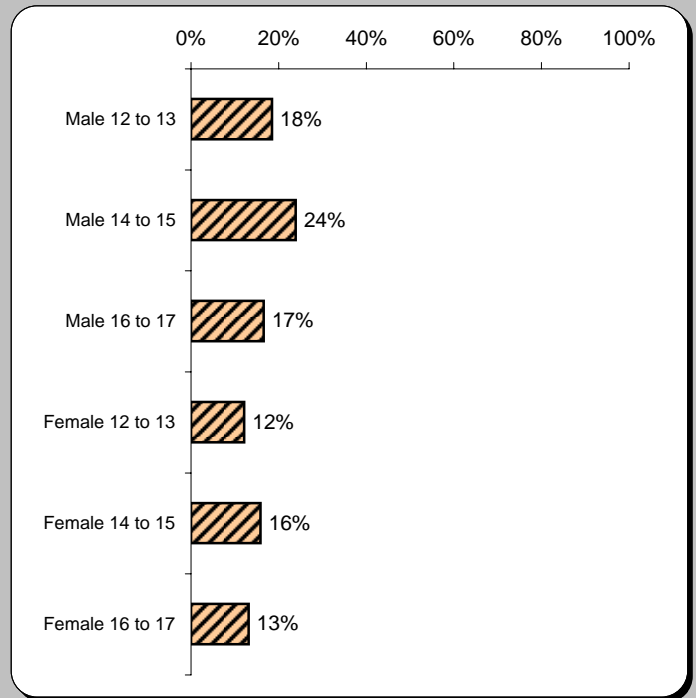
1-3: Race/Ethnicity



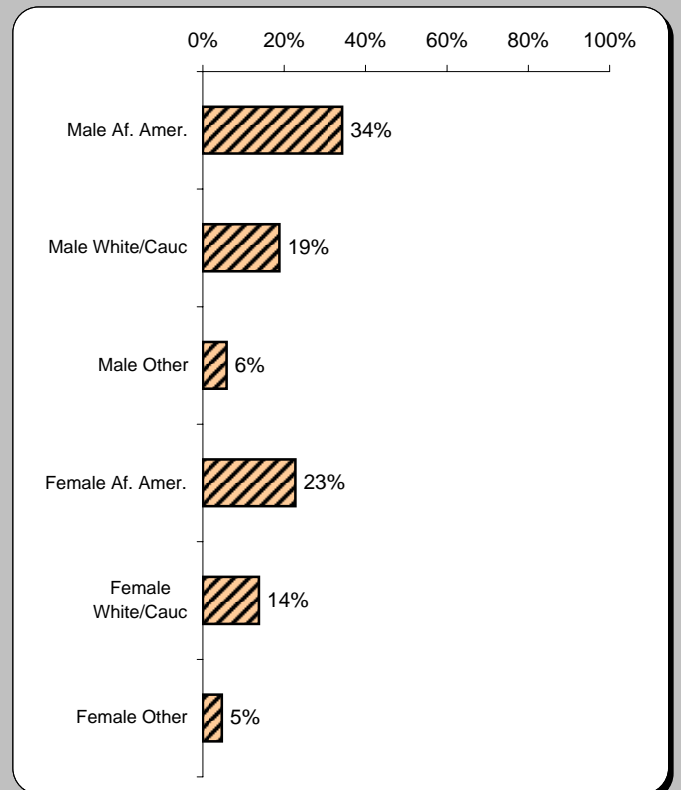
1-4: Age



1-5: Gender and Age



1-6: Gender and Race/Ethnicity



2-1: Co-Occurring Status

Services/Support Areas	%
Mental Health only	92%
Mental Health and Substance Abuse	8%

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

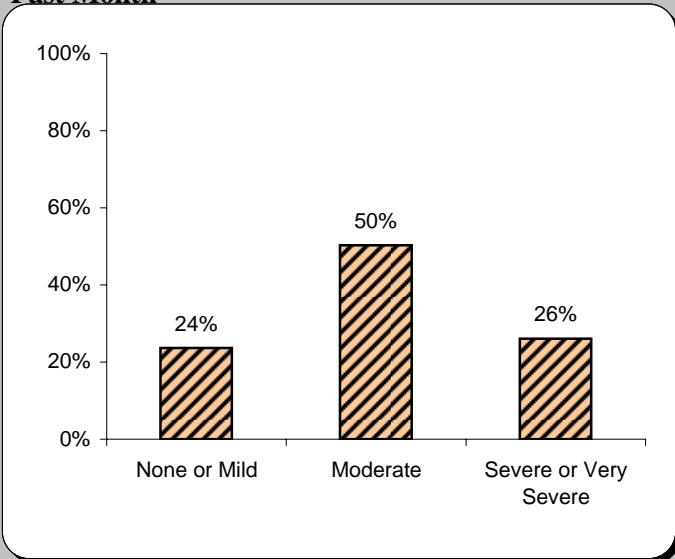
Type of Qualified Professional (QP)	Number
QP in Mental Health	397
QP in Substance Abuse	54
QP in both	599
Total Co-occurring consumers	1050

2-3: DSM-IV Diagnoses

Diagnostic Category	%
Attention deficit disorder	34%
Oppositional defiant disorder	41%
Major Depression	15%
Conduct disorder	15%
Disruptive behavior	11%
Bipolar disorder	8%
Post traumatic stress disorder (PTSD)	8%
Anxiety disorder	6%
Drug Abuse	8%

Multiple responses possible. Only most commonly diagnosed conditions shown.

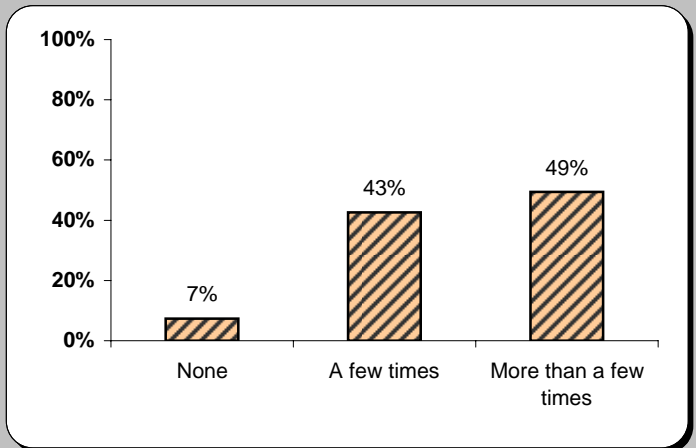
2-4: Severity of Mental Health Symptoms, Past Month



2-5: General Assessment of Functioning (GAF)

GAF scores were reported for 97% of Statewide consumers. The average score was 47.3 and the median score was 48.

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	10%
Suicidal thoughts, past 3 months	18%
Hit/physically hurt another person	11%
Hurt or caused pain to oneself	45%

2-8: Experienced Violence

	%
Physically abused by others, past 3 months	29%

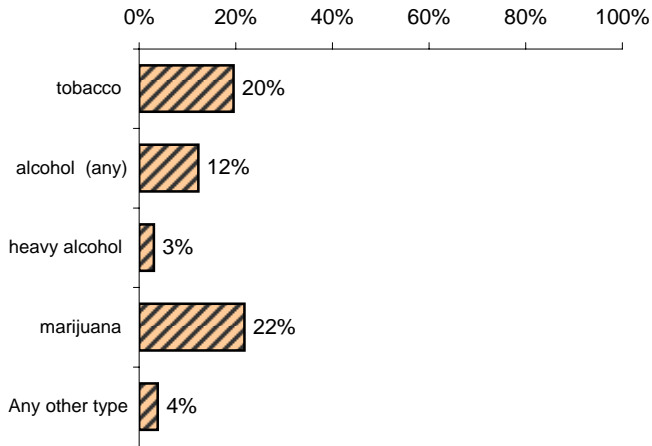
2-9 Arrests and Justice System Involvement

Involvement	%
Arrested past year	20%
Arrested past month	7%
Trouble with the law, past month	15%
Supervision by Court or Justice System, current	24%
Nights in Jail or Detention, past 3 months	7%

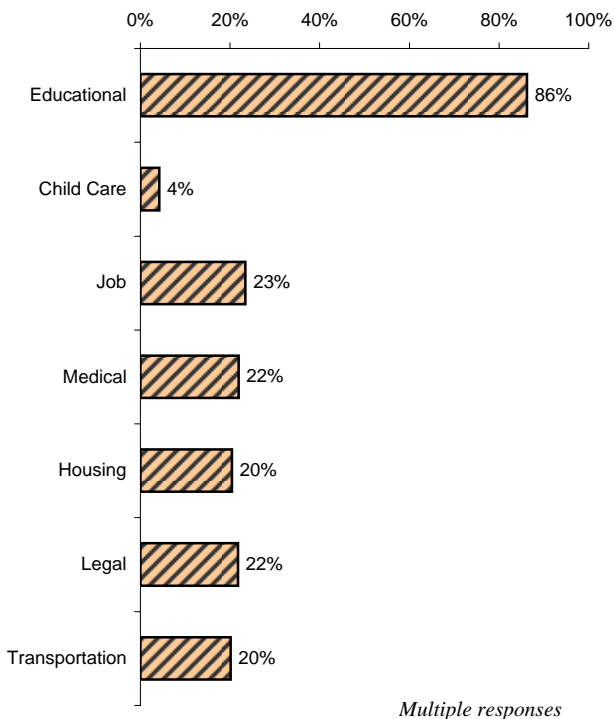
3-1: Lifetime Use of Substances

Ever used tobacco or alcohol	23%
Ever used other illicit drugs	17%

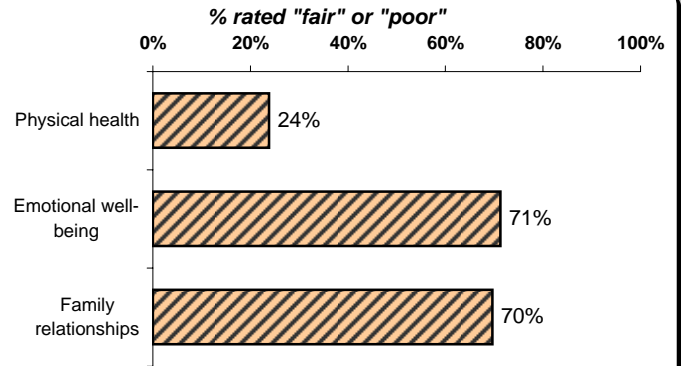
3-2: Substances Use, Past 12 Months



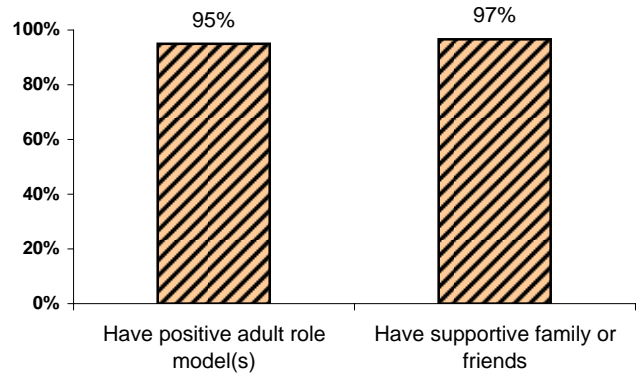
3-3: Service Needs Rated "Very Important"



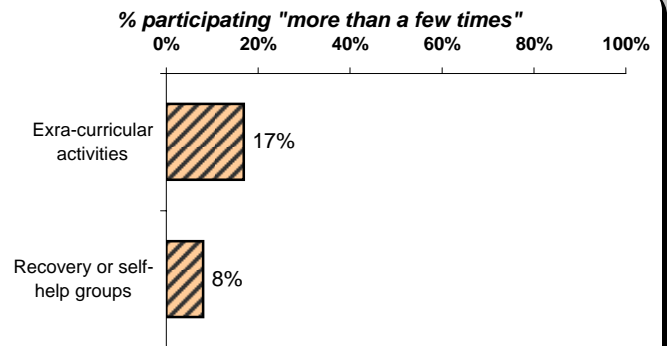
3-4: Consumer Ratings on Quality of Life



3-5: Support for Recovery



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

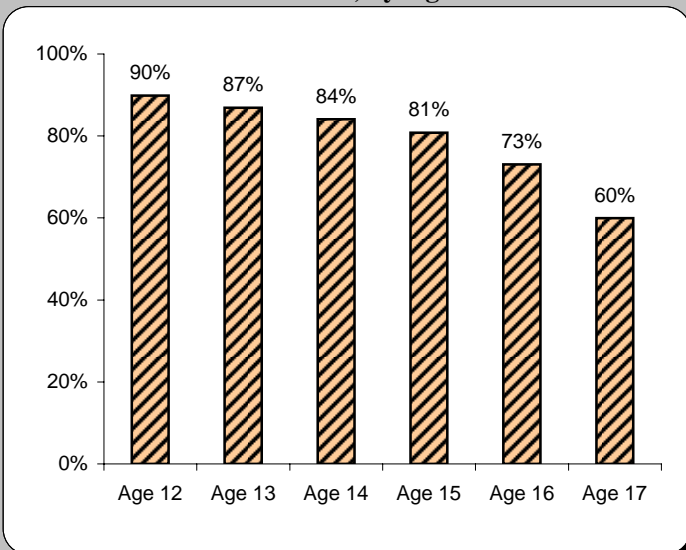


4-1: Enrollment in Academic Programs

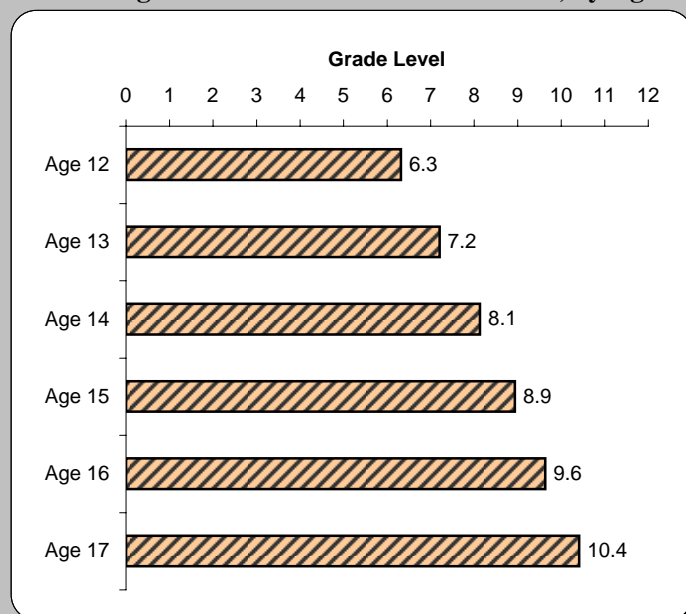
Enrolled in...	
Any Academic program	92%
Academic Schools (K-12)	80%
Alternative Learning Program (ALP)	11%
Technical or Vocational School	0%
GED or Adult Literacy	1%

Note: Multiple response.

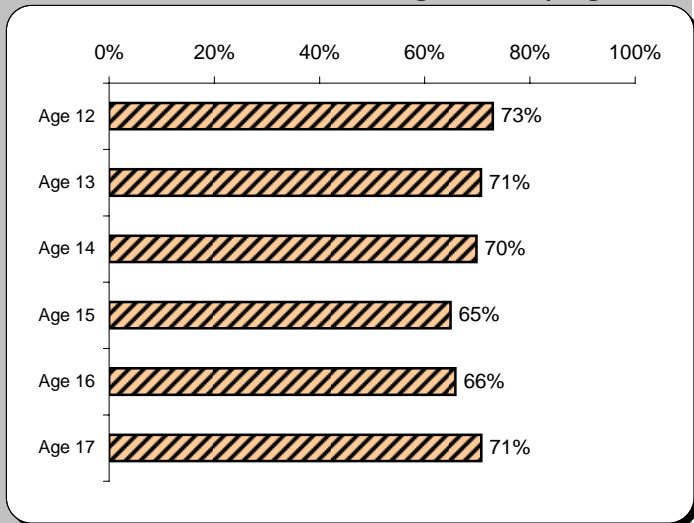
4-2: K-12 School Attendance, by Age



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

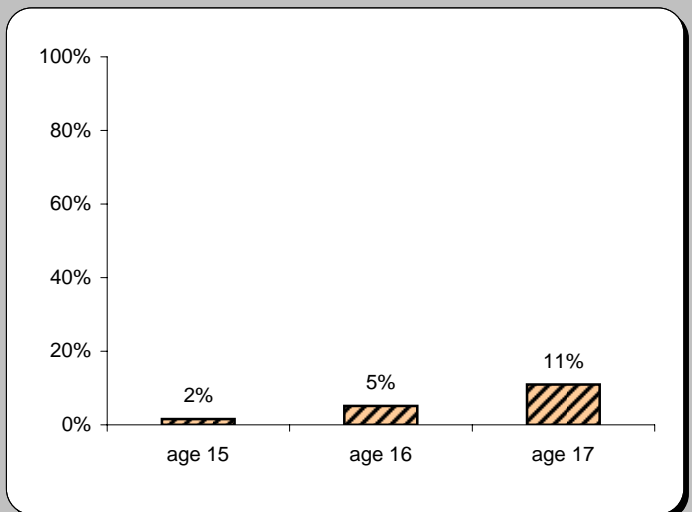


4-5: School Expulsion, Suspension and Truancy, Past 3 Months

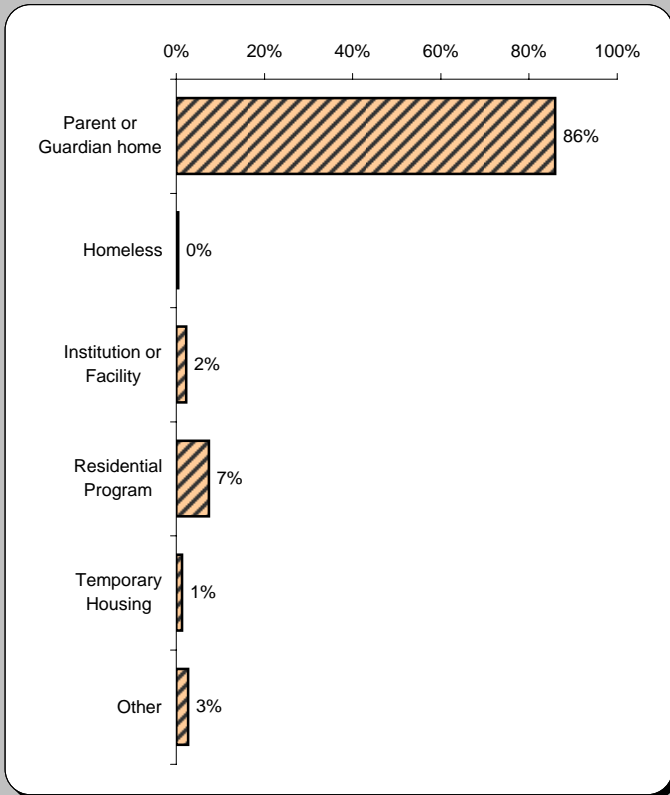
Of those enrolled in K-12, percent who missed school due to	
Expulsion	5%
Out-of-school suspension	31%
Truancy	12%

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

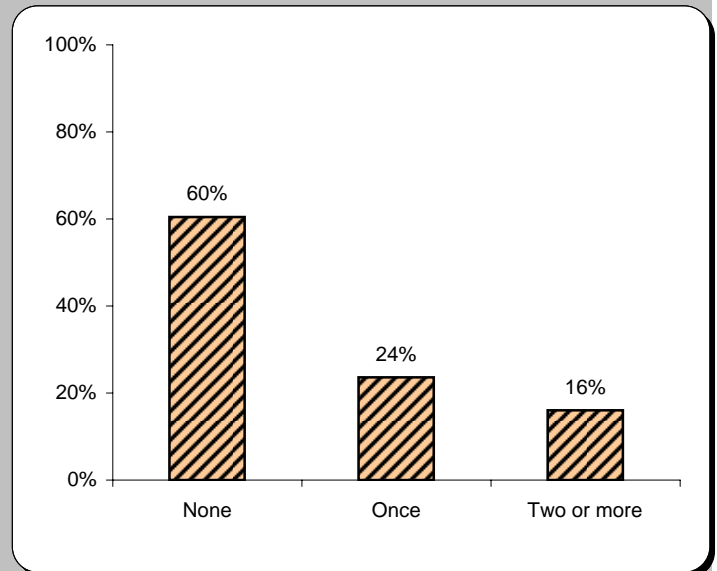
The following chart shows the percent of 15 to 17 year olds, by age, who are working full or part-time. While any work, full or part-time, is shown, nearly all work in this age group is part-time. The denominator for these percentages does not exclude those not in the labor force.



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	48
Homeless unsheltered	9
Therapeutic foster home	155
Level III Group Home	653
Level IV Group Home	69
State residential treatment facility	81
SA residential treatment facility	9
Halfway house	0

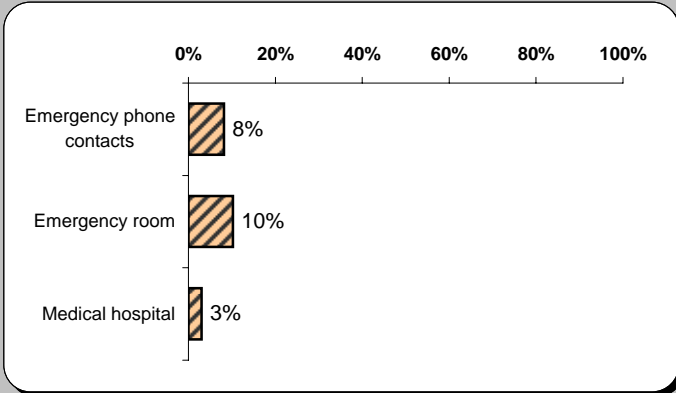
5-3: Homeless Nights, Past 3 Months

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

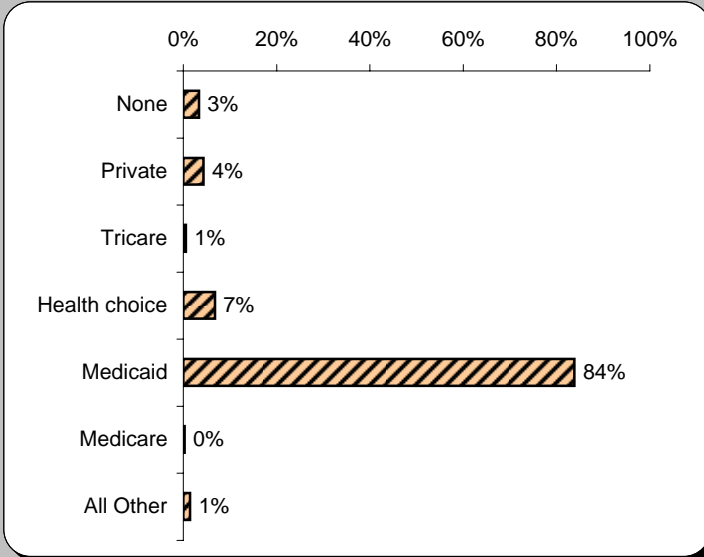
6-1: Recent Visit to Health Care Provider

Among Statewide consumers, 89% have seen their provider within the past year.

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



6-3: Health Insurance

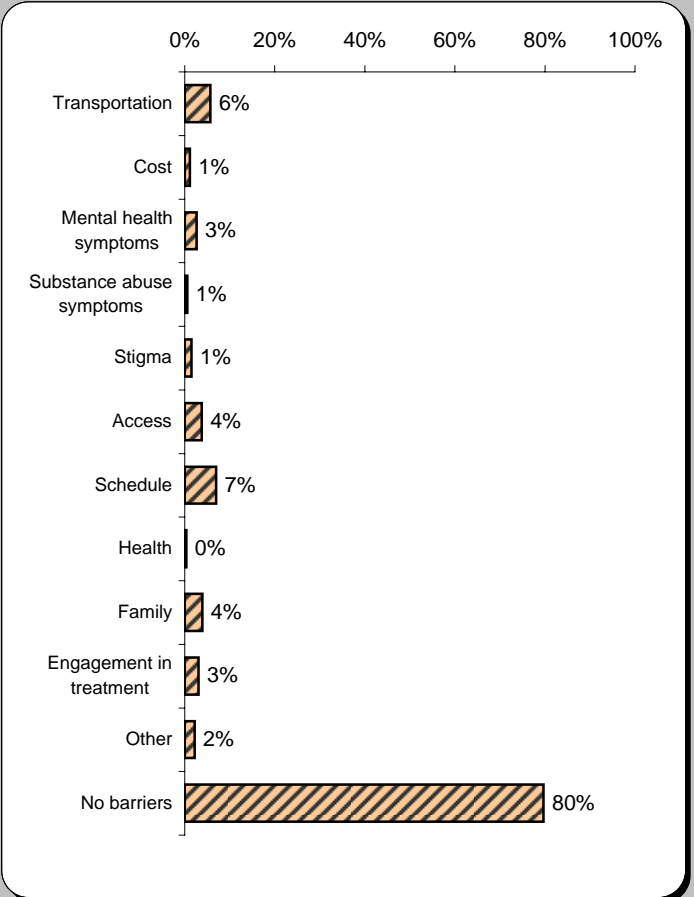


6-4: Pregnancy and Prenatal Care

	Number
Currently pregnant	103
Referred to prenatal care*	97
Receiving prenatal care*	94

* of those who are pregnant.

6-5: Barriers to Treatment



6-6: Provider Choice

	%
Received list of options of places to get services	74%
Came here (to this provider) on my own	18%
Did not receive list or options for services	8%

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