

Cuyahoga County Behavioral Health Needs Assessment

Prepared by

The Center for Community Solutions

February 4, 2011



Needs Assessment Objectives

- Generate most current available demographic data available for the six comparison counties of Franklin, Hamilton, Lorain, Lucas, Montgomery, and Summit.
- Compare Cuyahoga to other counties for general demographics, and for specific comparative risk factors.
- Using the Cuyahoga demographic data and national prevalence data, calculate local Cuyahoga prevalence rates for mental disorders and alcohol and other drug (AOD) disorders.
- Using Board MACSIS claims data and Behavioral Health (BH Mod) data, compare local prevalence rates to local service rates to establish unmet needs.

Demographic / Risk Factor Comparison Summary

Demographic Comparison Summary

Compared to the average of comparison counties and cities:

- Cuyahoga had a higher proportion of African Americans and Hispanics.
- Cuyahoga had higher poverty rates for both children and seniors, and Cleveland had higher poverty rates for all age groups.
- A higher proportion of Cuyahoga and Cleveland families with children were headed by a single female.

Demographic Comparison Summary (continued)

Compared to the average of comparison counties and cities:

- Although Cuyahoga had a similar proportion of adults with a college degree, Cleveland had a lower proportion than the comparison city average. Cleveland also had the lowest high school graduation rate among comparison cities.
- A higher proportion of Cuyahoga and Cleveland adults were not in the labor force, and both the county and city had higher unemployment rates among those who were in the labor force.

Demographic Comparison Summary (continued)

Compared to the average of comparison counties:

- Cuyahoga had a higher infant mortality rate and a higher percentage of low-weight births (under 5.5 lbs.), but a lower suicide rate.

Estimated Prevalence of Mental Disorders

Cuyahoga County,

2006-08 Average

Sources of National Prevalence Rates of Mental Disorders

- Adults: National Institute of Mental Health –
The Numbers Count: Mental Disorders in America (2010)
 - National Comorbidity Survey Replication
 - Epidemiological Catchment Survey
- Children: *Mental Health: A Report of the Surgeon General (1999)*

Children Ages 5 to 17 Cuyahoga County

	Percent of Population	Estimated Number: All Income Levels, 2006-08 Average	Estimated Number: Below 200 Percent of Federal Poverty Level, 2006-08 Average
Anxiety Disorders	13.0%	29,538	12,170
Mood Disorders	6.2%	14,087	5,804
Disruptive Disorders	10.3%	23,403	9,643
Any Disorder	20.9%	47,488	19,566

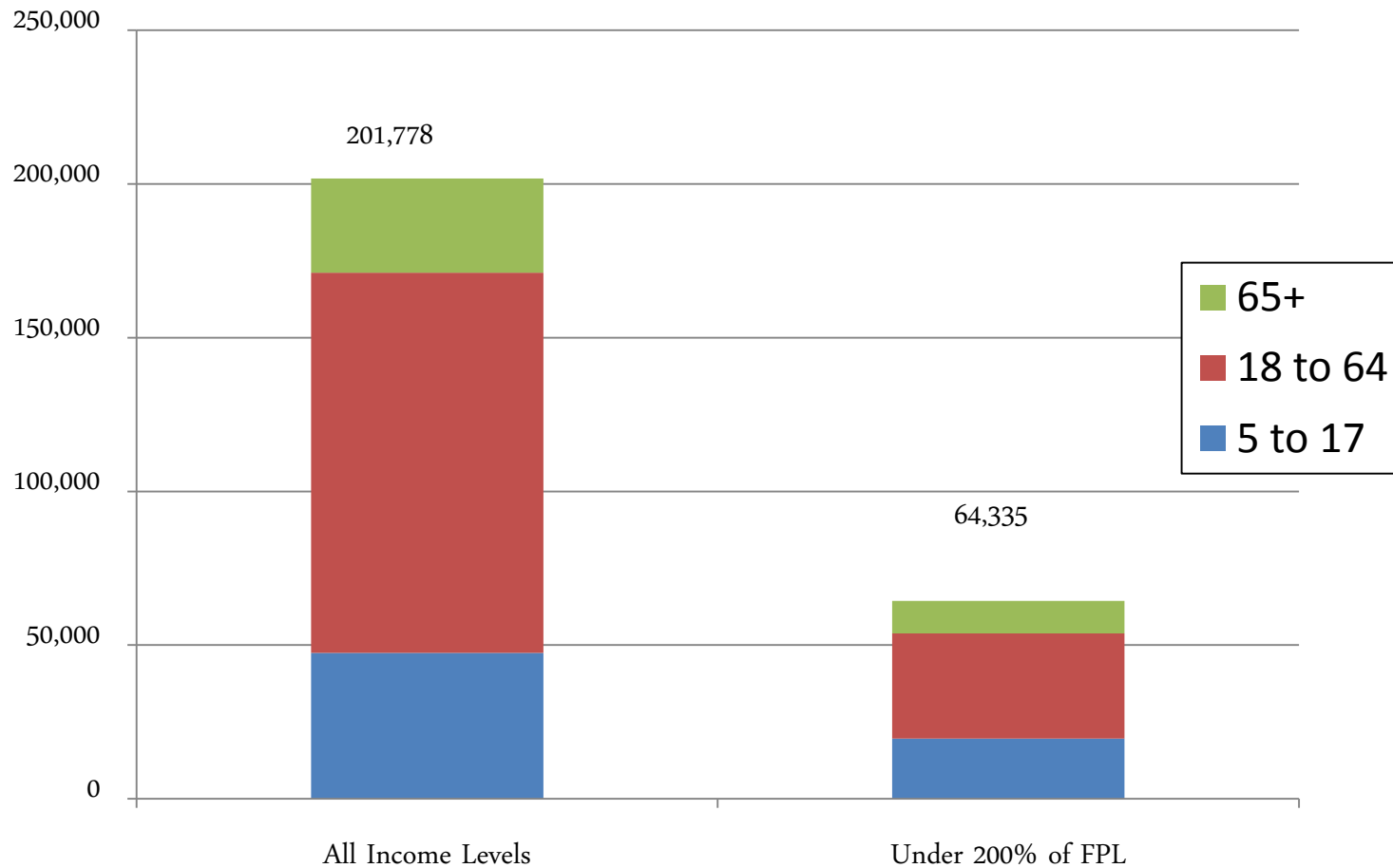
Adults 18 to 64 Cuyahoga County

	Percent of Population	Estimated Number: All Income Levels, 2006-08 Average	Estimated Number: Below 200 Percent of Federal Poverty Level, 2006-08 Average
Mood Disorders	8.1%	63,928	17,723
Schizophrenia	1.1%	8,707	2,414
Anxiety Disorders	10.2%	80,961	22,445
Personality Disorders	9.1%	72,042	19,972
Impulse Control Disorders	7.6%	60,102	16,662
Any Disorder	15.6%	123,622	34,271

Adults 65 and Over Cuyahoga County

	Percent of Population	Estimated Number: All Income Levels, 2006-08 Average	Estimated Number: Below 200 Percent of Federal Poverty Level, 2006-08 Average
Mood Disorders	8.1%	15,860	5,428
Schizophrenia	1.1%	2,160	739
Anxiety Disorders	10.2%	20,085	6,875
Personality Disorders	9.1%	17,873	6,117
Impulse Control Disorders	7.6%	14,910	5,104
Any Disorder	15.6%	30,669	10,497

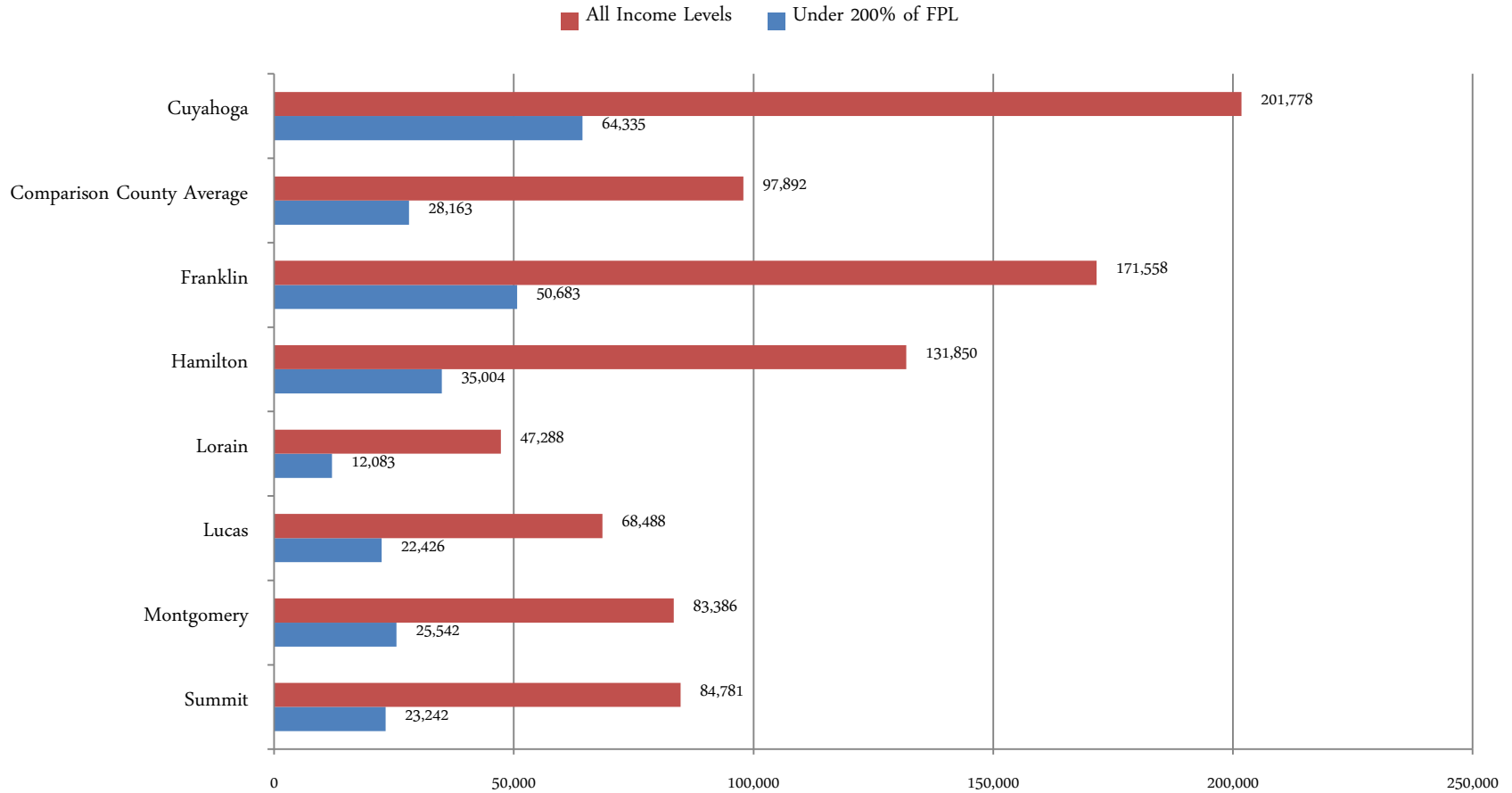
Prevalence of Any Mental Disorder by Age and Income, Cuyahoga County



Prevalence of Any Mental Disorder, Ages 5 and Over

2006-08 Average

Cuyahoga and Comparison Counties



Estimated Prevalence of Alcohol or Other Drug Disorders

Cuyahoga County,

2006-08 Average

Source of National Prevalence Rates for Alcohol and Drug Disorders

- U.S. Dept. of HHS: Substance Abuse and Mental Health Services Administration (SAMHSA):
 - *National Survey on Drug Use and Health (2009)*

Past Year Dependence or Abuse by Income Level

Ages 12 and Over, 2006-08 Average

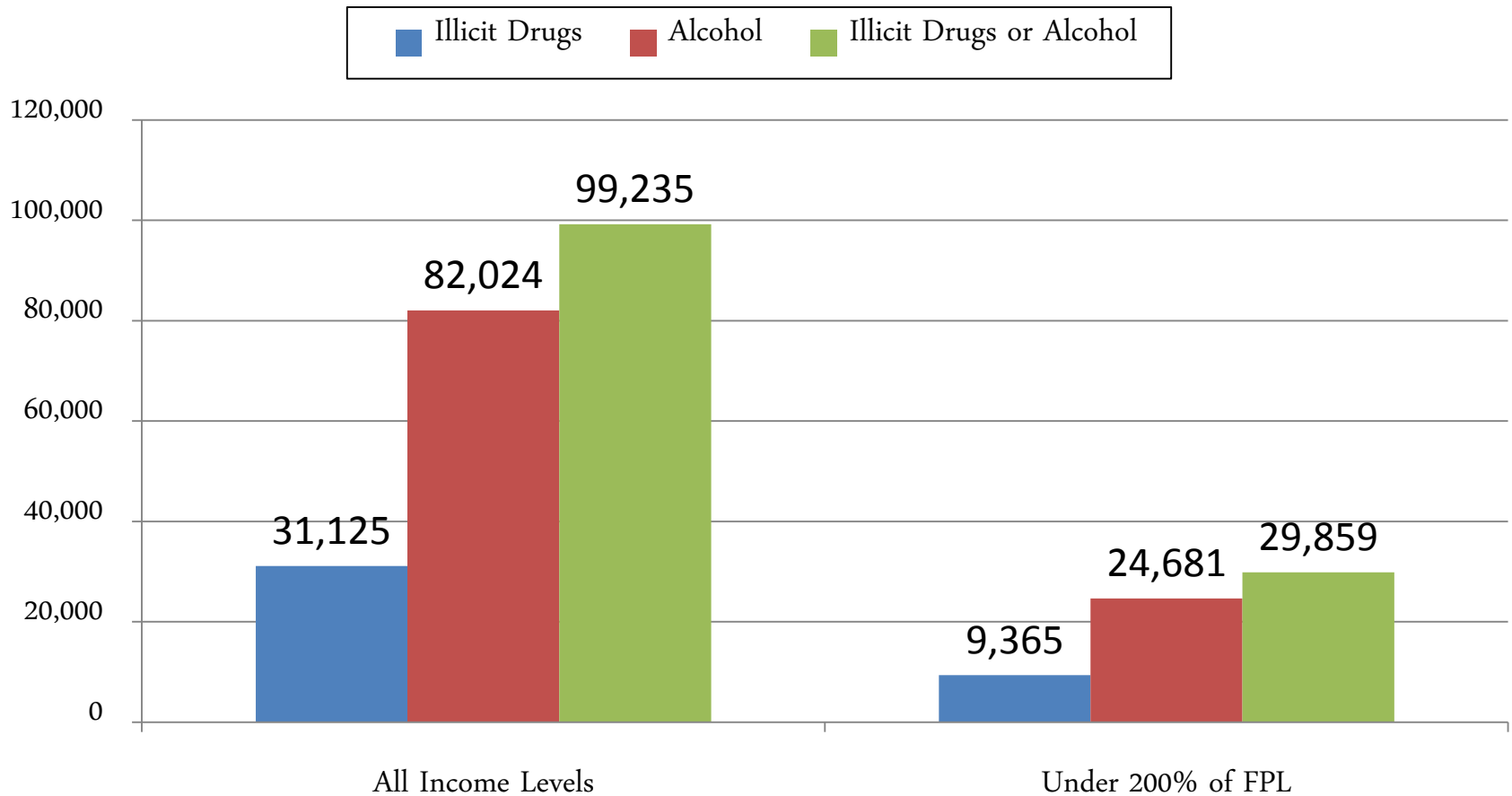
Cuyahoga County

	Percent of Population	Estimated Number: All Income Levels	Estimated Number: Below 200 Percent of Federal Poverty Level
ILLICIT DRUGS	2.8%	31,125	9,365
Marijuana and Hashish	1.7%	8,309	5,509
Cocaine	0.6%	6,957	2,093
Heroin	0.1%	1,099	331
Hallucinogens	0.1%	1,465	441
Inhalants	0.1%	1,099	331
Nonmedical Use of Psychotherapeutics	0.9%	9,521	2,865
ALCOHOL	7.5%	82,024	24,681
BOTH ILLICIT DRUGS AND ALCOHOL	1.3%	13,915	4,187
ILLICIT DRUGS OR ALCOHOL	9.0%	99,235	29,859

Past Year Dependence or Abuse by Income Level

Ages 12 and Over, 2006-08 Average

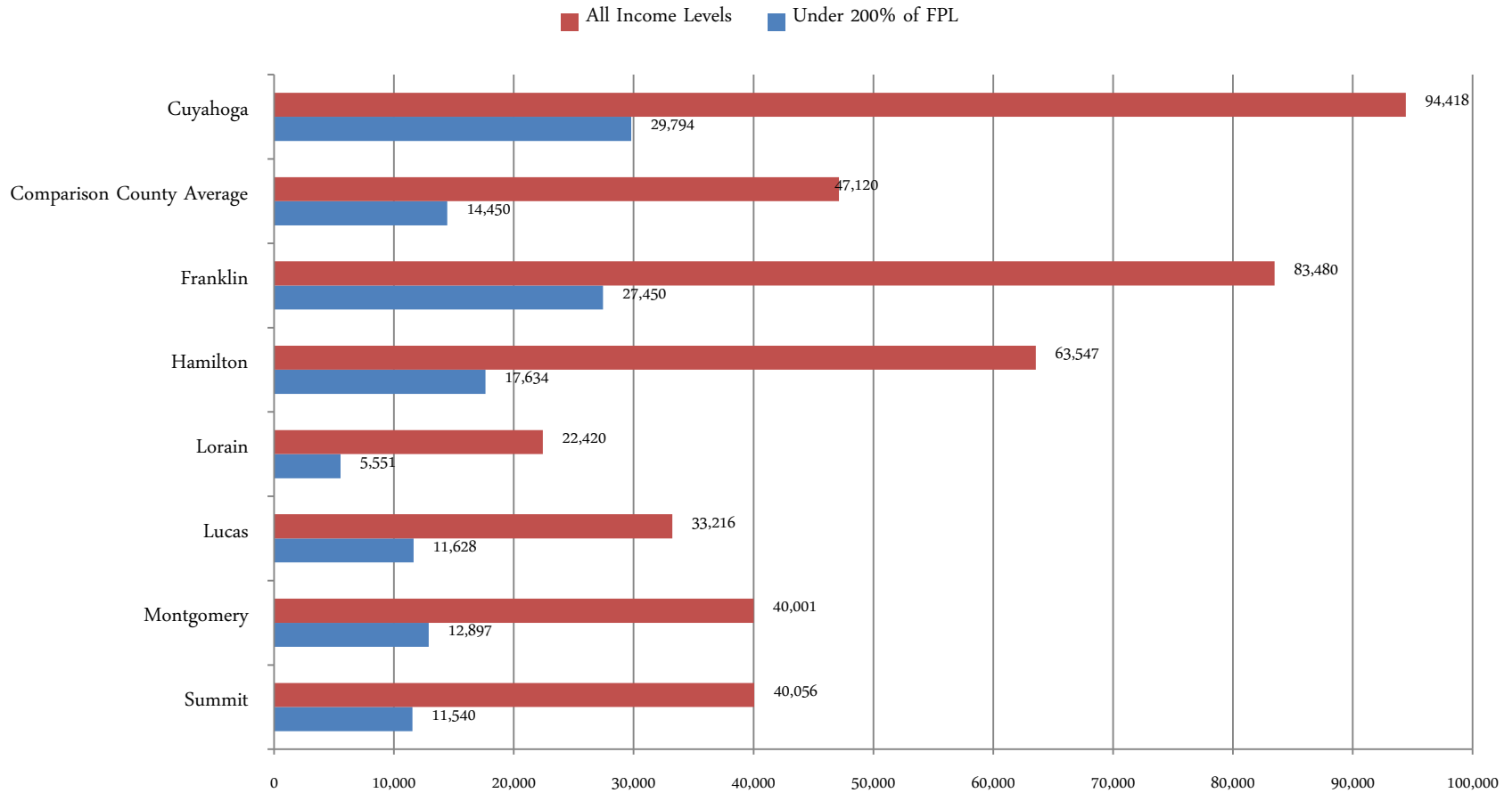
Cuyahoga County



Past Year Alcohol or Other Drug Dependence or Abuse

2006-08 Average

Cuyahoga and Comparison Counties



Estimated Prevalence of Co-Occurring MH and AOD Disorders

Co-Occurring MH and AOD Disorders

2006-08 Average

- 20.4 percent of those with serious mental illness and 16.3 percent of those with moderate mental illness had a co-occurring substance abuse or dependency disorder; this yields a prevalence rate of 2.8 percent of the population over 18 who had dual disorders.
- In Cuyahoga County, an estimated 27,516 persons over 18 in the county had both moderate or serious mental disorders and a co-occurring substance disorder; an estimated 7,984 of these had incomes below 200% of poverty.

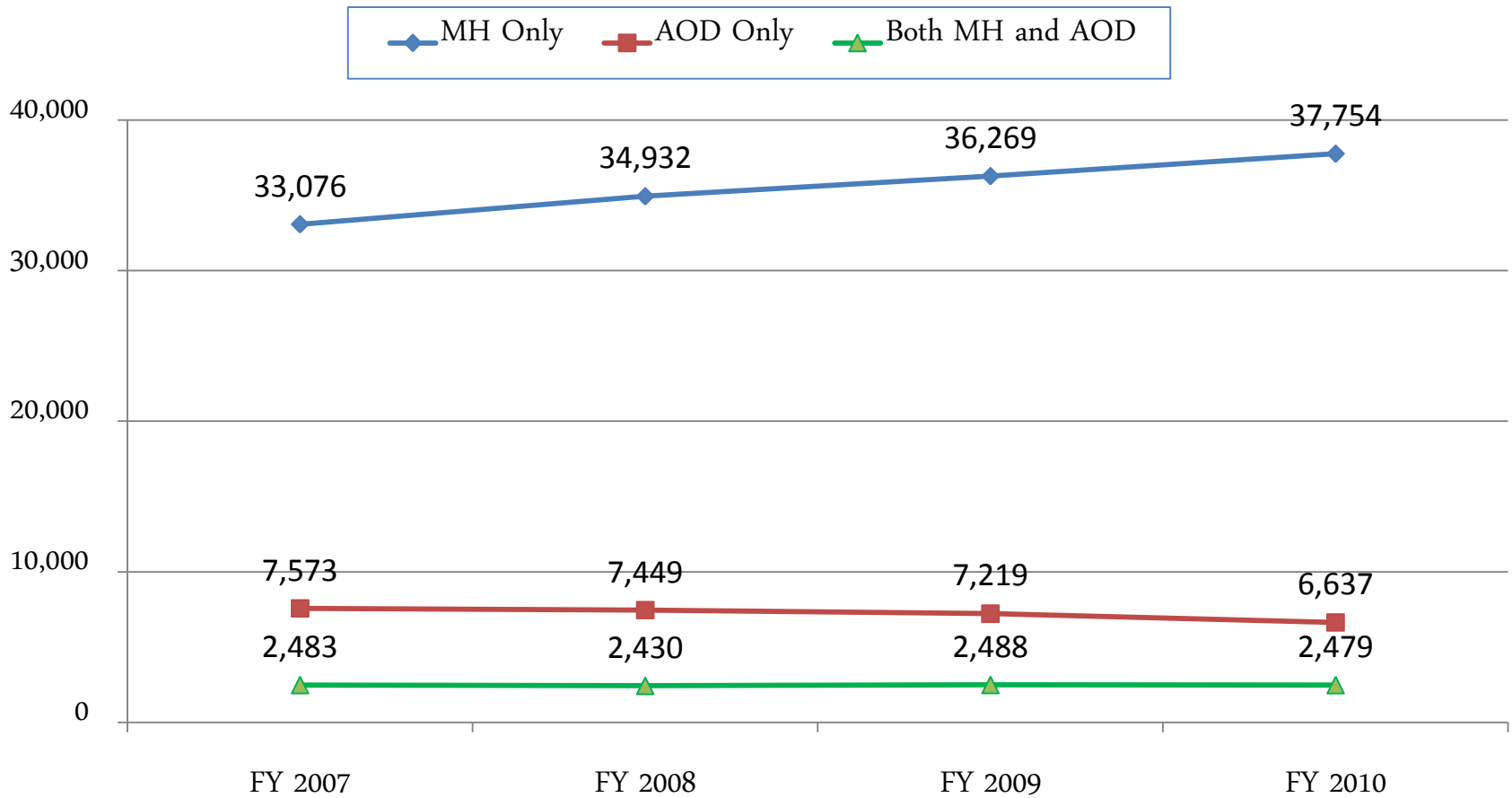
Cuyahoga County Consumers And Estimates of Unmet Need

FY 2007 to FY 2010

Consumers Served by Cuyahoga County MH and ADA Boards

	Mental Health Services Only	Alcohol /Drug Services Only	Both MH and AOD Services
FY 2007	33,076	7,573	2,483
FY 2008	34,932	7,449	2,430
FY 2009	36,269	7,219	2,488
FY 2010	37,754	6,637	2,479

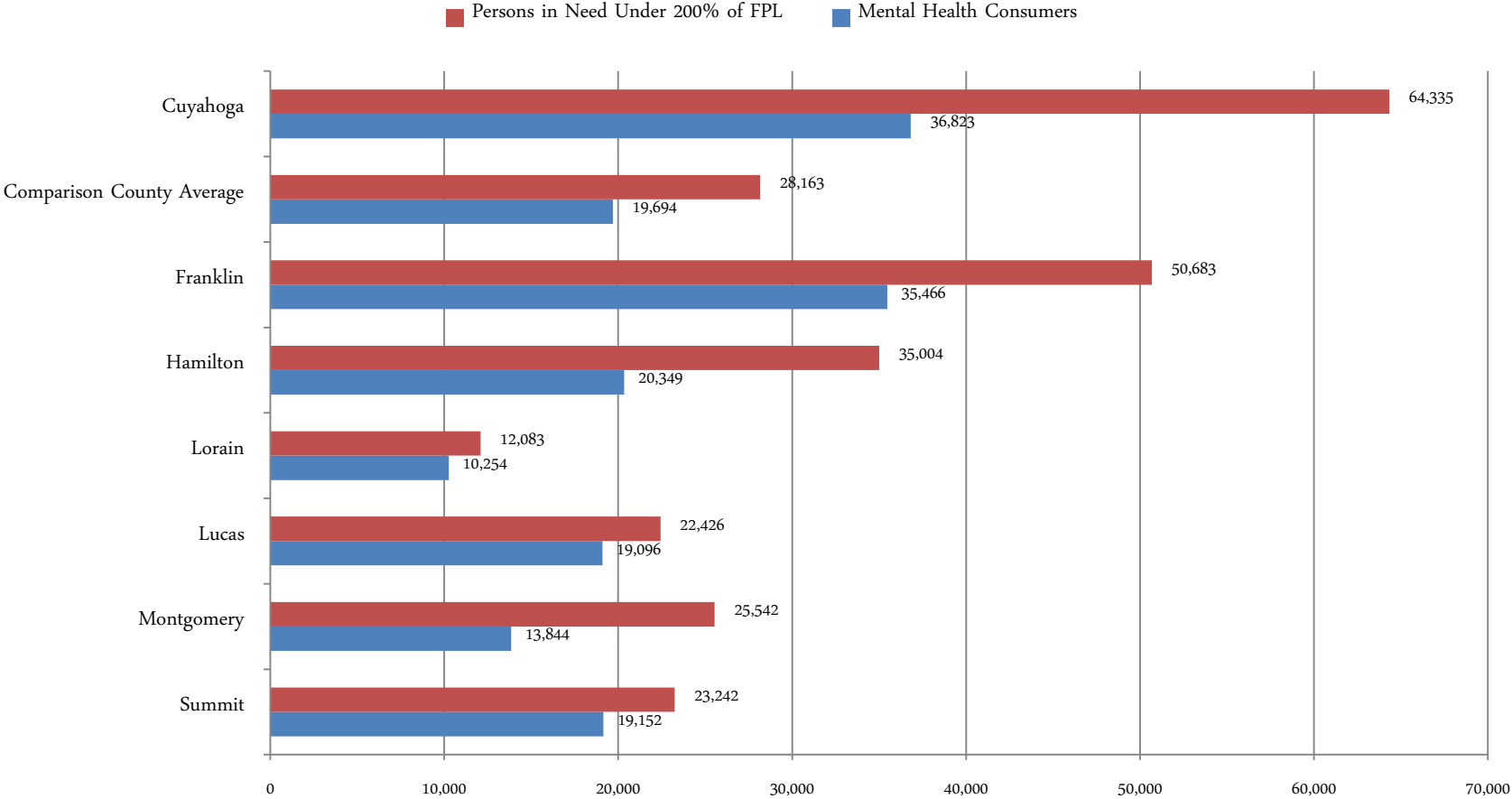
Consumers Served per Year



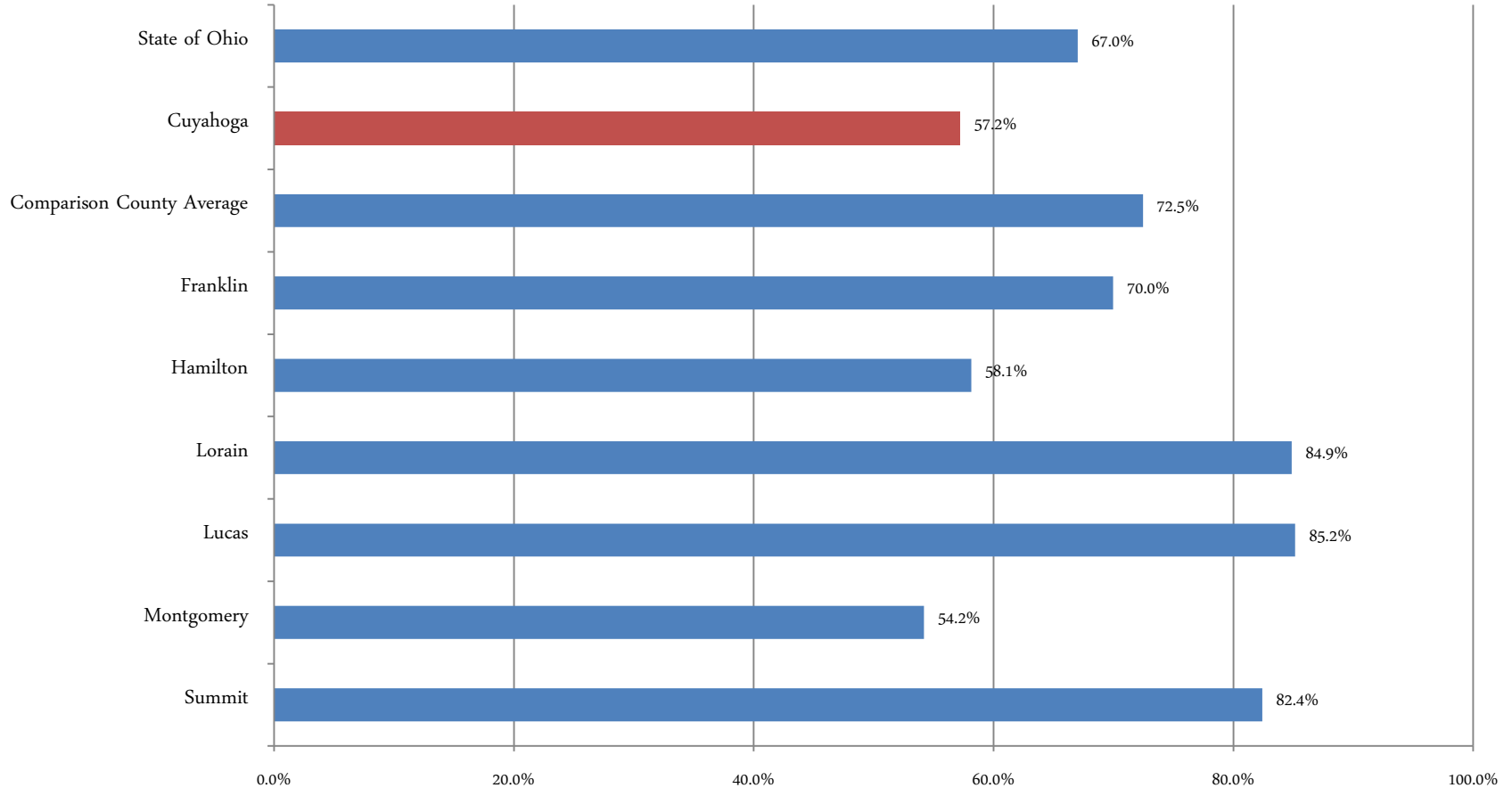
Persons Needing Mental Health Services and Consumers Served, Cuyahoga County

	Number in Need Under 200% of FPL 2006-08 Average	Consumers Served: FY 07 to FY 10 Average	Percent Served	Number Unserved
Ages 5 to 17	19,566	12,885	65.9%	6,682
Ages 18 to 64	34,271	22,250	64.9%	12,021
Ages 65 and Over	10,497	1,688	16.1%	8,809
All Ages	64,335	36,823	57.2%	27,512

Persons Needing Mental Health Services and Consumers Served, 2006-08 Cuyahoga and Comparison Counties



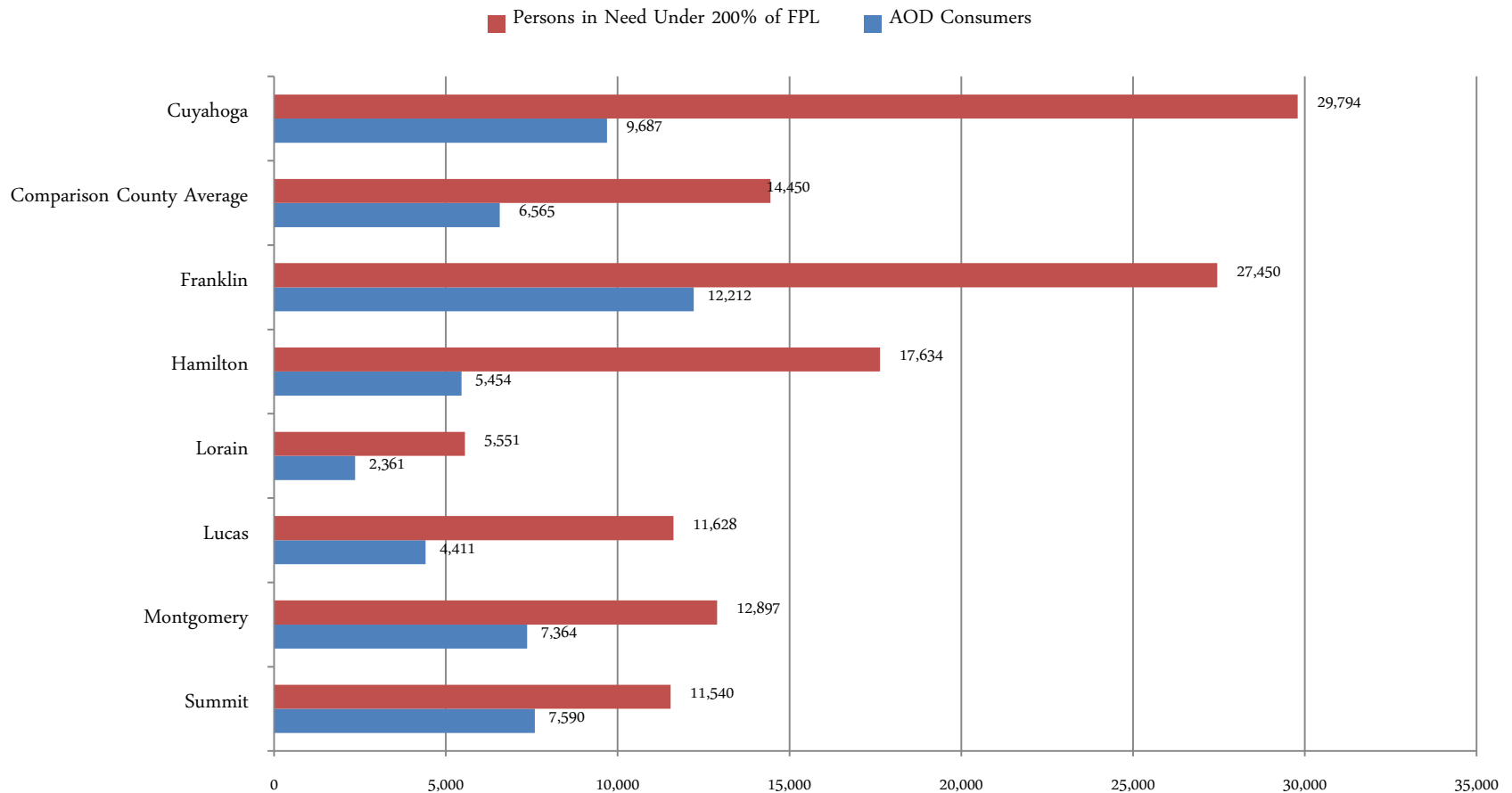
Mental Health Consumers Served As a Percent of Persons in Need, 2006-08 Ohio, Cuyahoga and Comparison Counties



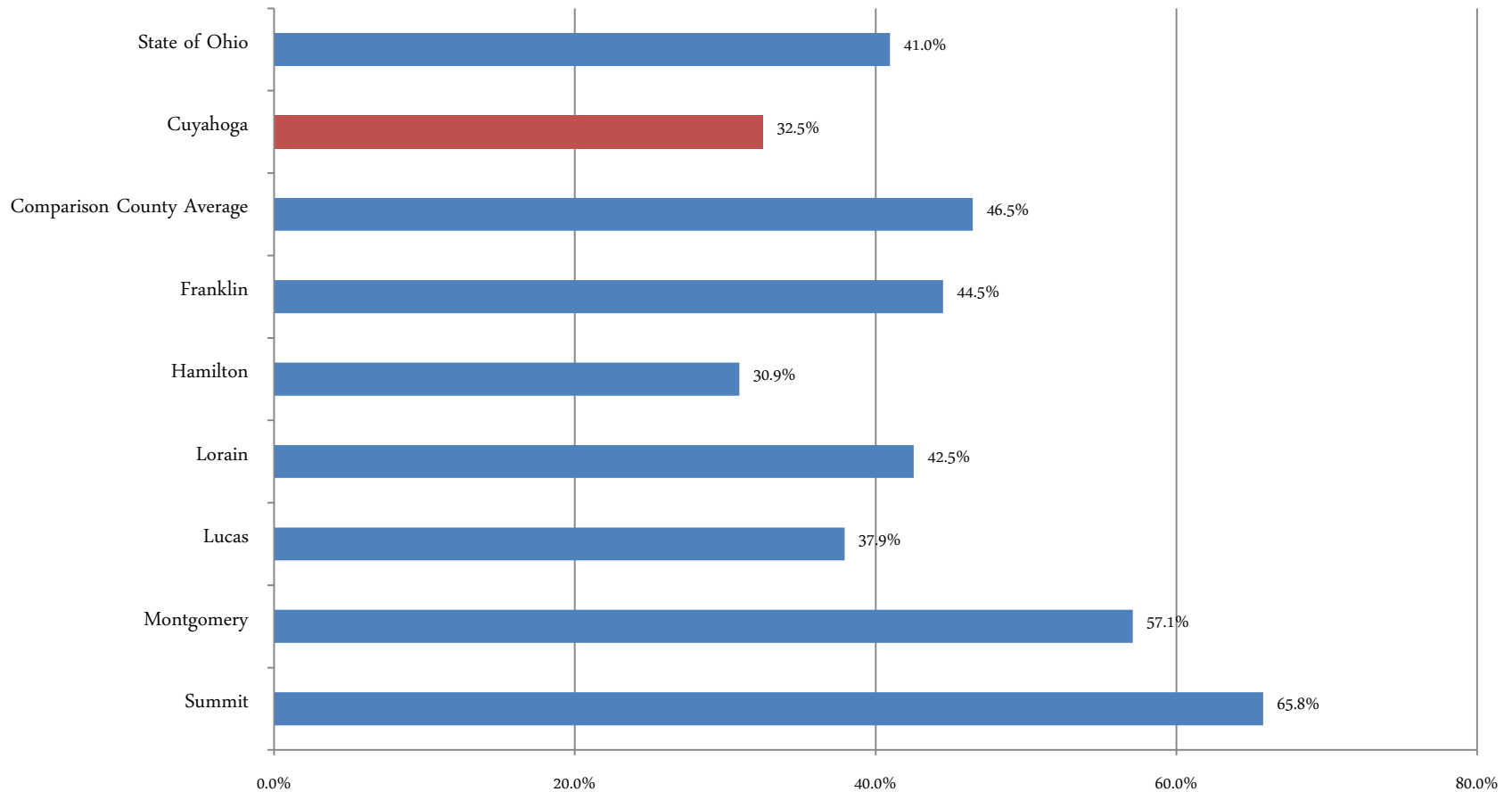
Persons Needing Alcohol/Drug Services and Consumers Served, Cuyahoga County

	Number in Need Under 200% of FPL 2006-08 Average	Consumers Served: FY 07 to FY 10 Average	Percent Served	Number Unserved
Ages 12 to 17	3,309	777	23.5%	2,532
Ages 18 to 25	9,419	2,012	21.4%	7,407
Ages 26 and Over	16,735	6,899	41.2%	9,836
All Ages	29,859	9,687	32.4%	20,172

Persons Needing AOD Services and Consumers Served, 2006-08 Cuyahoga and Comparison Counties



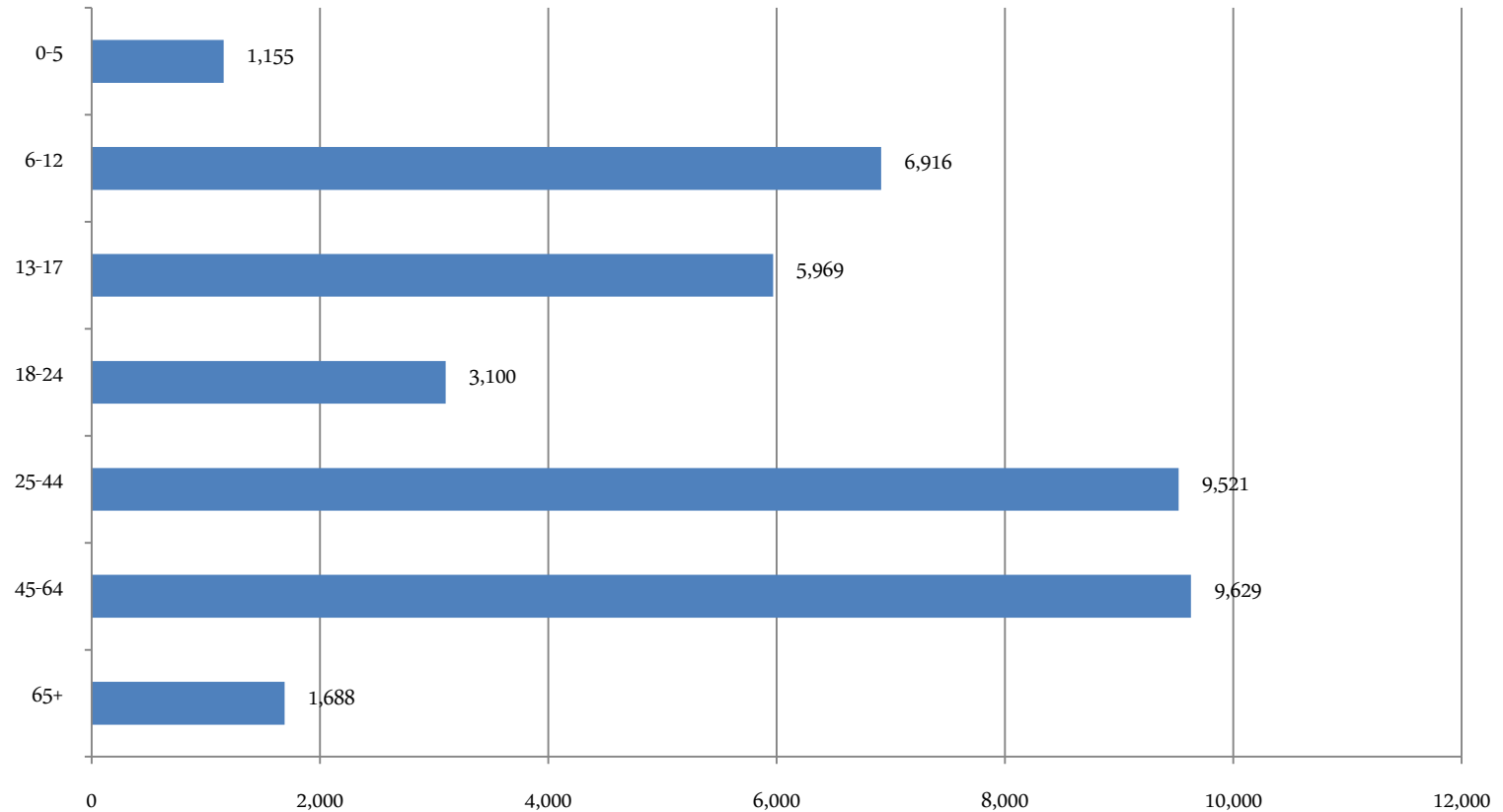
Alcohol and Other Drug Consumers Served As a Percent of Persons in Need, 2006-08 Ohio, Cuyahoga and Comparison Counties



Demographic Profile of
Cuyahoga County
Mental Health Consumers

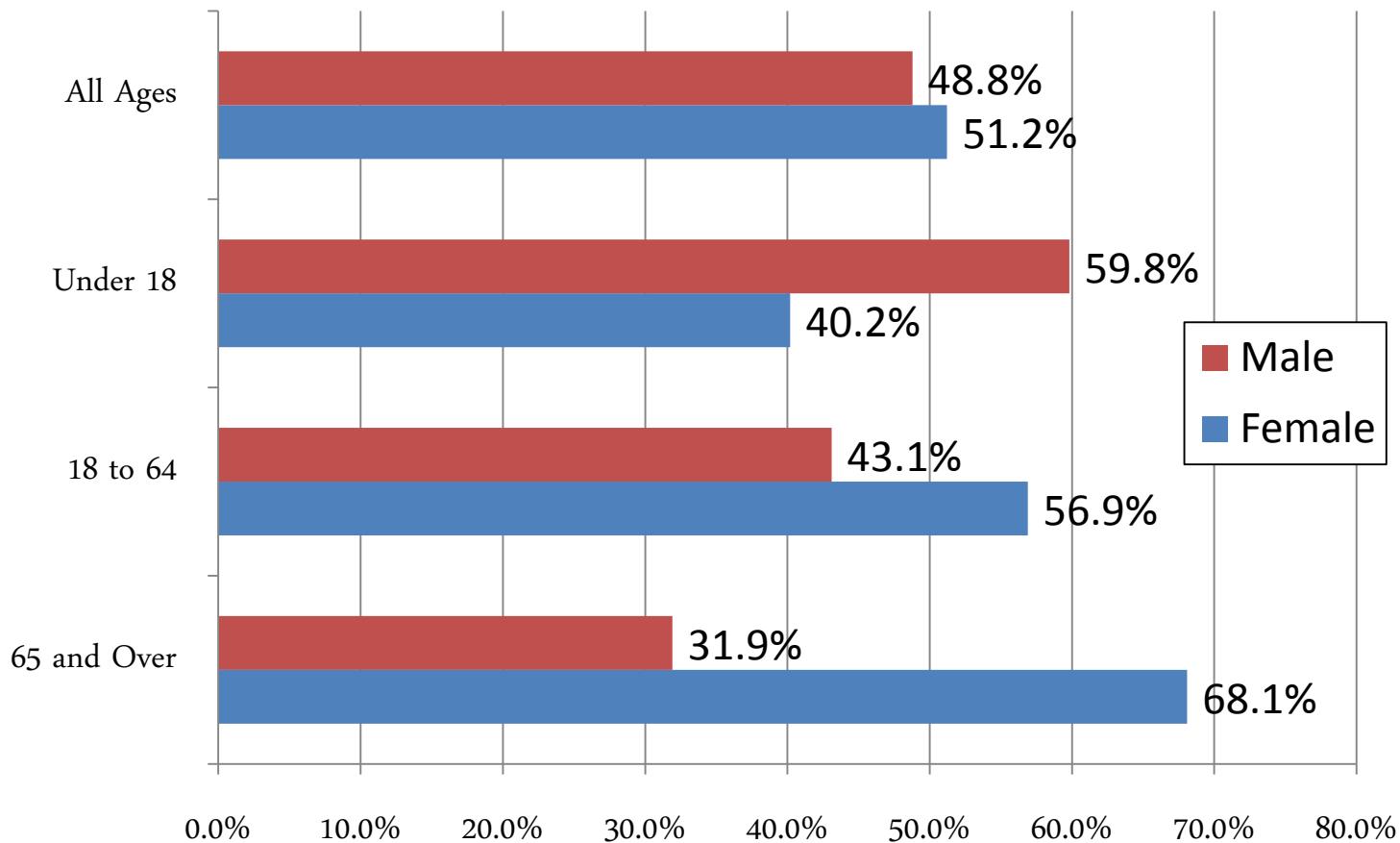
Mental Health Consumers by Age

FY 2007 to FY 2010 Average



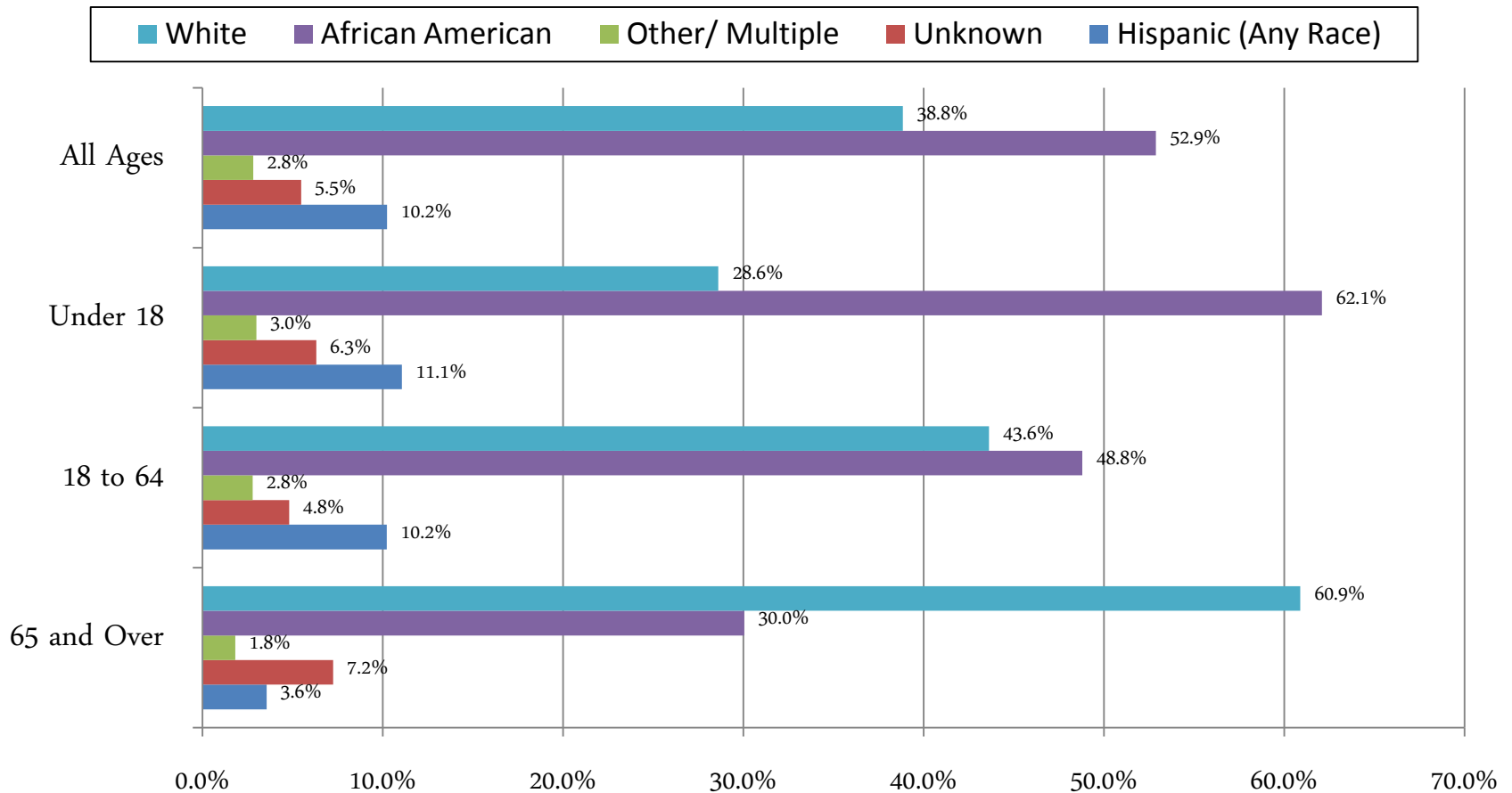
Mental Health Consumers by Gender

FY 2007 to FY 2010 Average



Mental Health Consumers by Race and Ethnicity

FY 2007 to FY 2010 Average

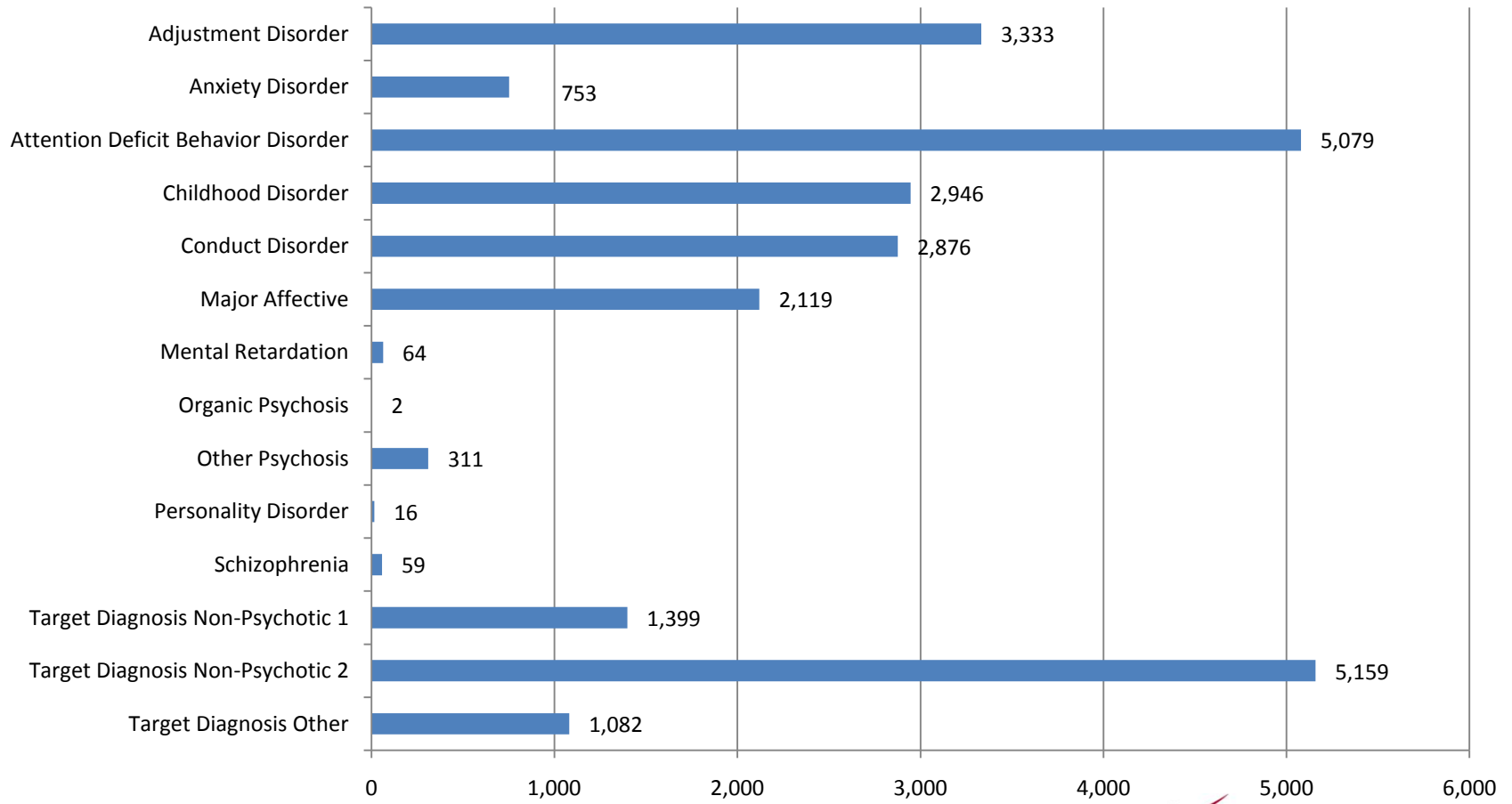


Diagnostic Profile of
Cuyahoga County
Mental Health Consumers

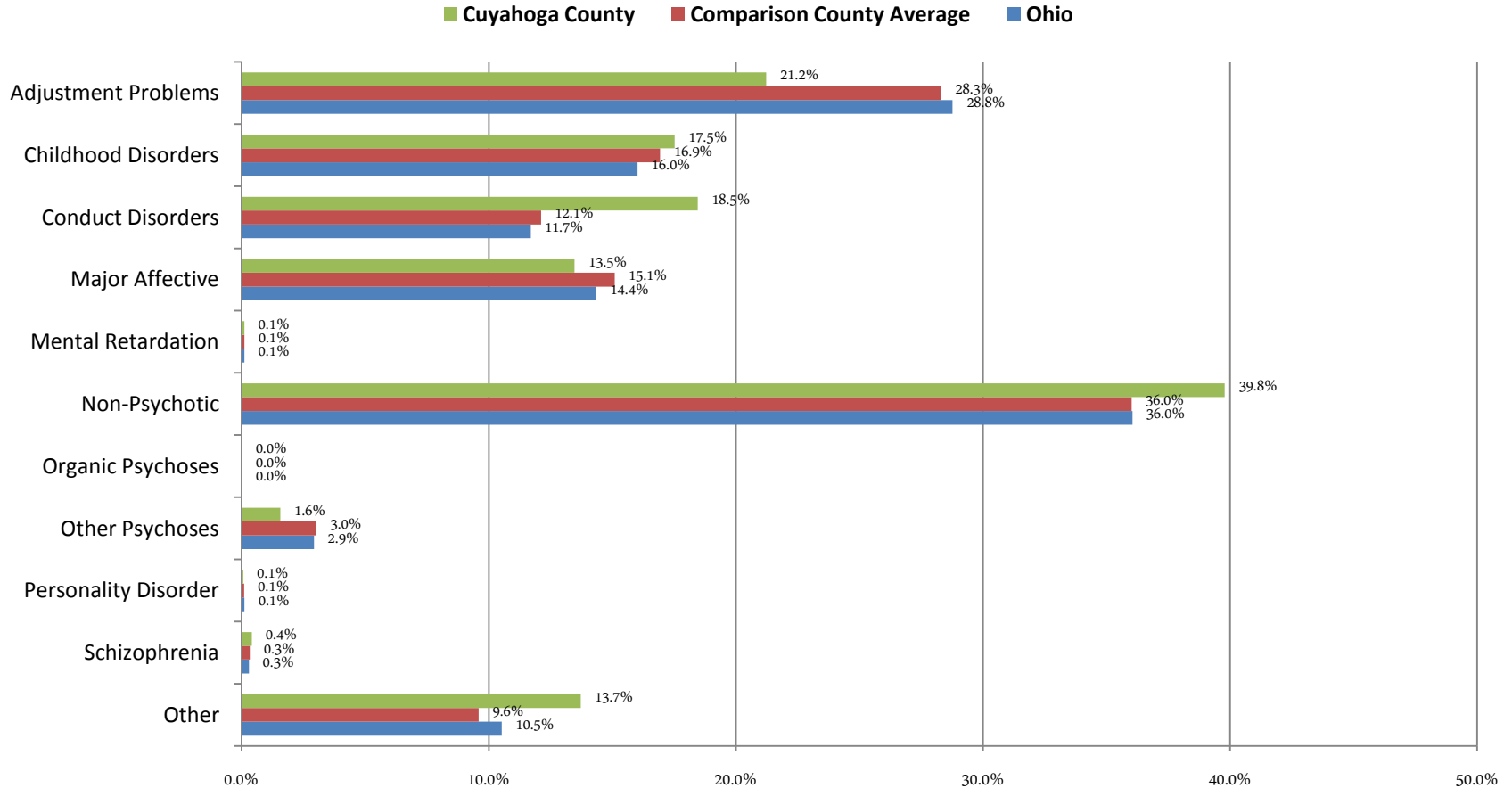
Cuyahoga County ADAMHS Mental Health Consumers

Age 0-17, by Diagnosis

FY 2007-2010 Average



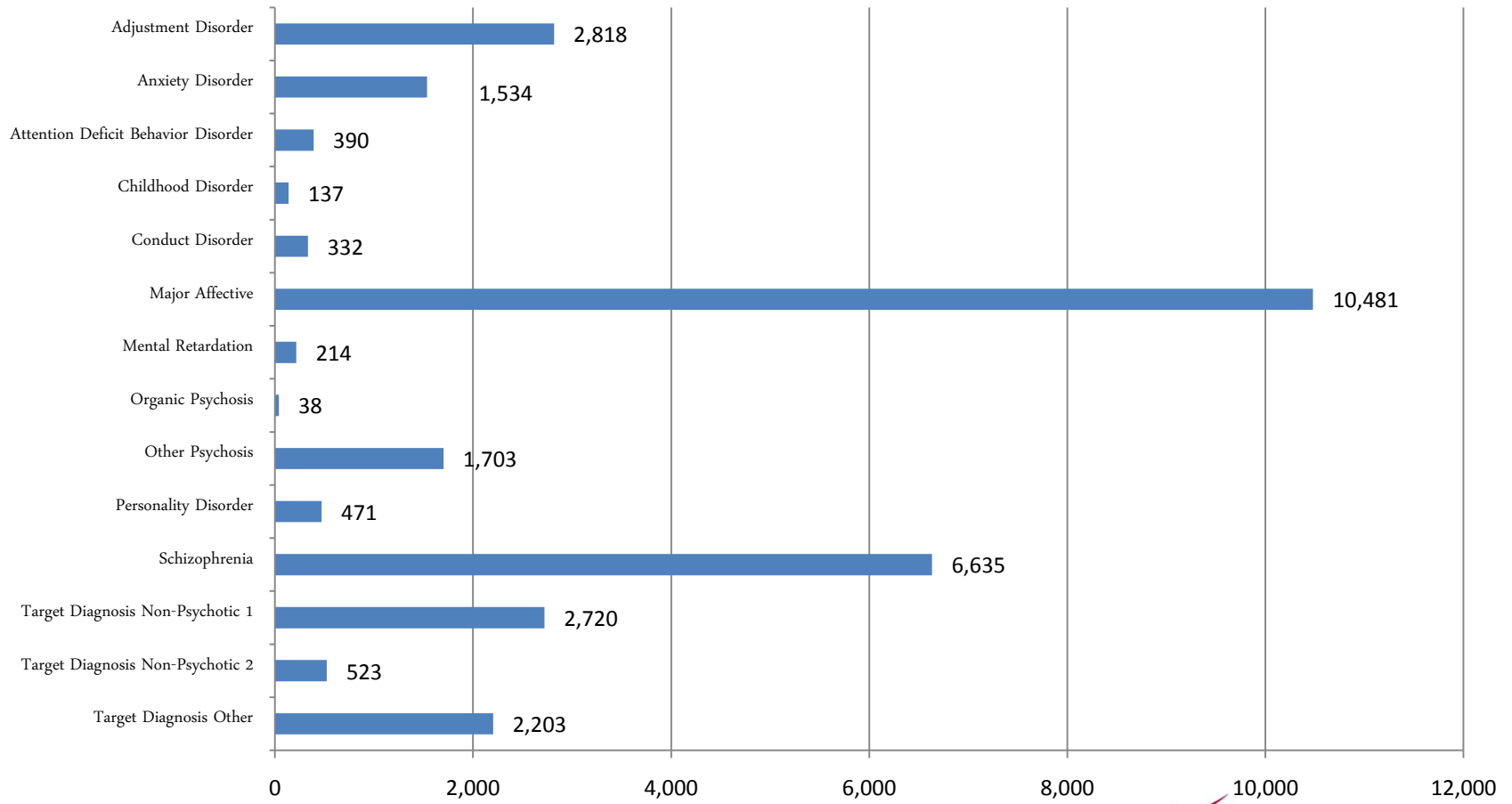
Percentage Distribution of MH Consumers Age 0-17 by Diagnosis, FY 2007-2010 Average Cuyahoga, Ohio, and Comparison County Average



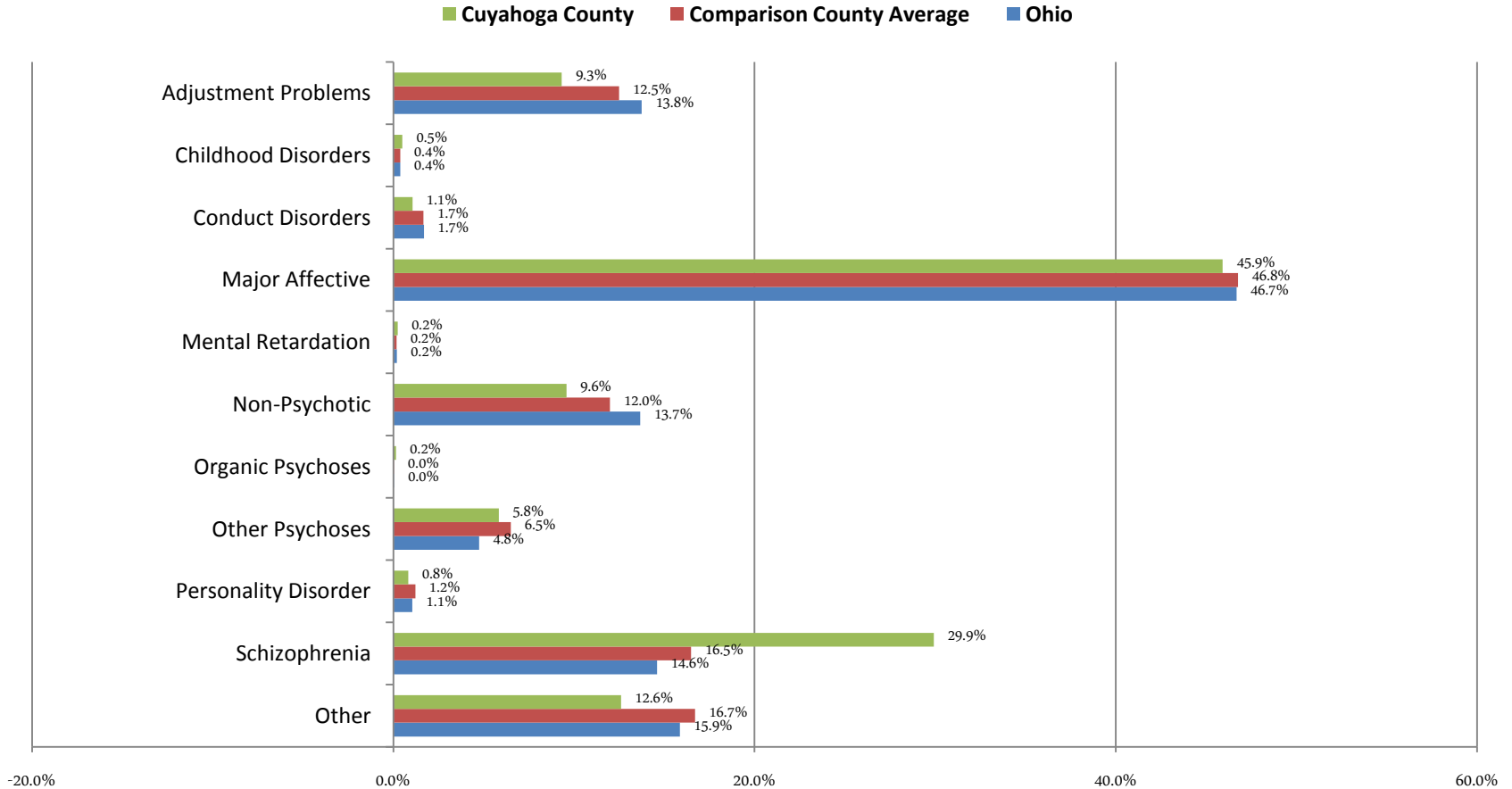
Cuyahoga County ADAMHS Mental Health Consumers

Age 18-64, by Diagnosis

FY 2007-2010 Average



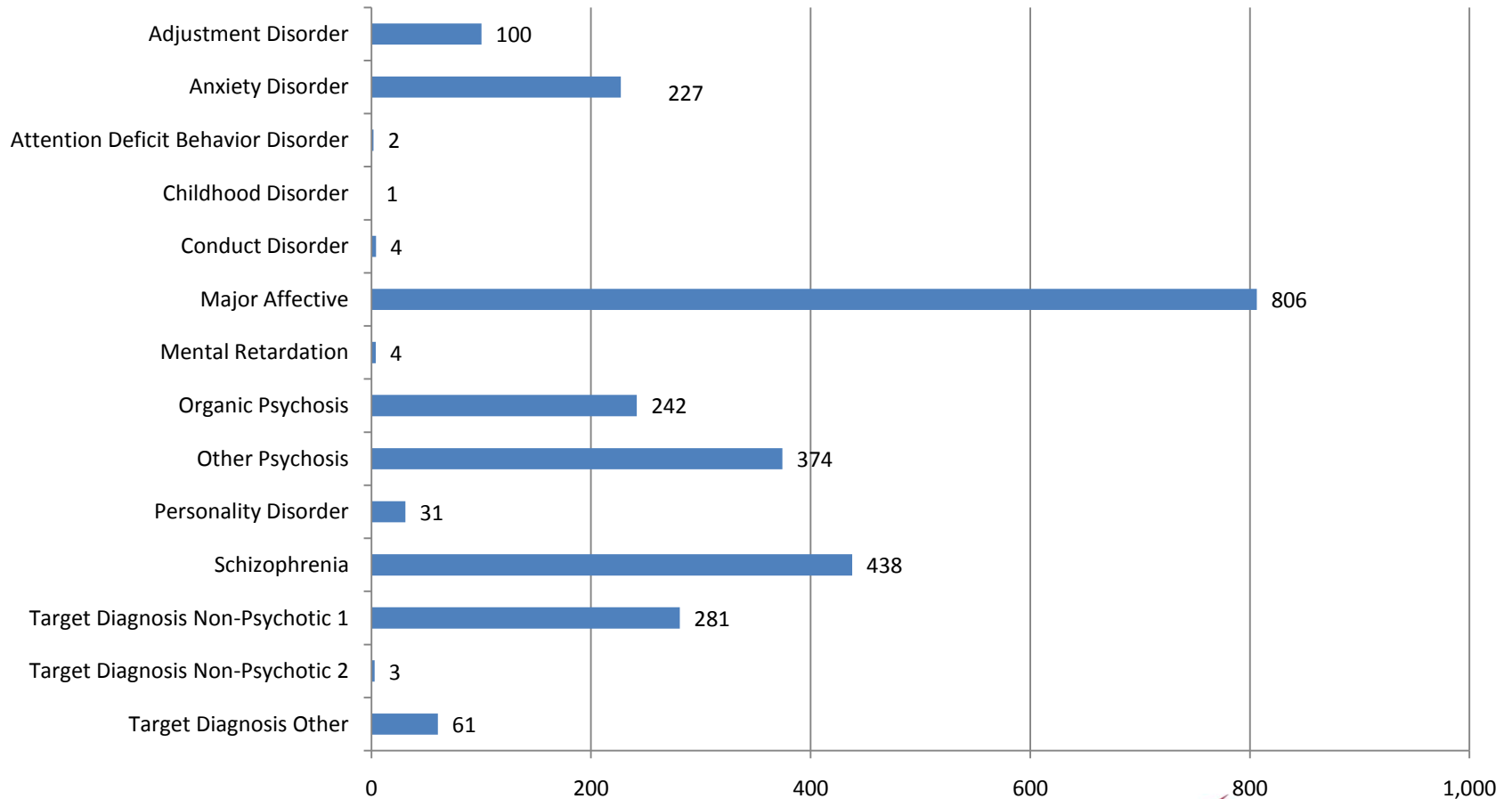
Percentage Distribution of MH Consumers Age 18-64 by Diagnosis, FY 2007-2010 Average Cuyahoga, Ohio, and Comparison County Average



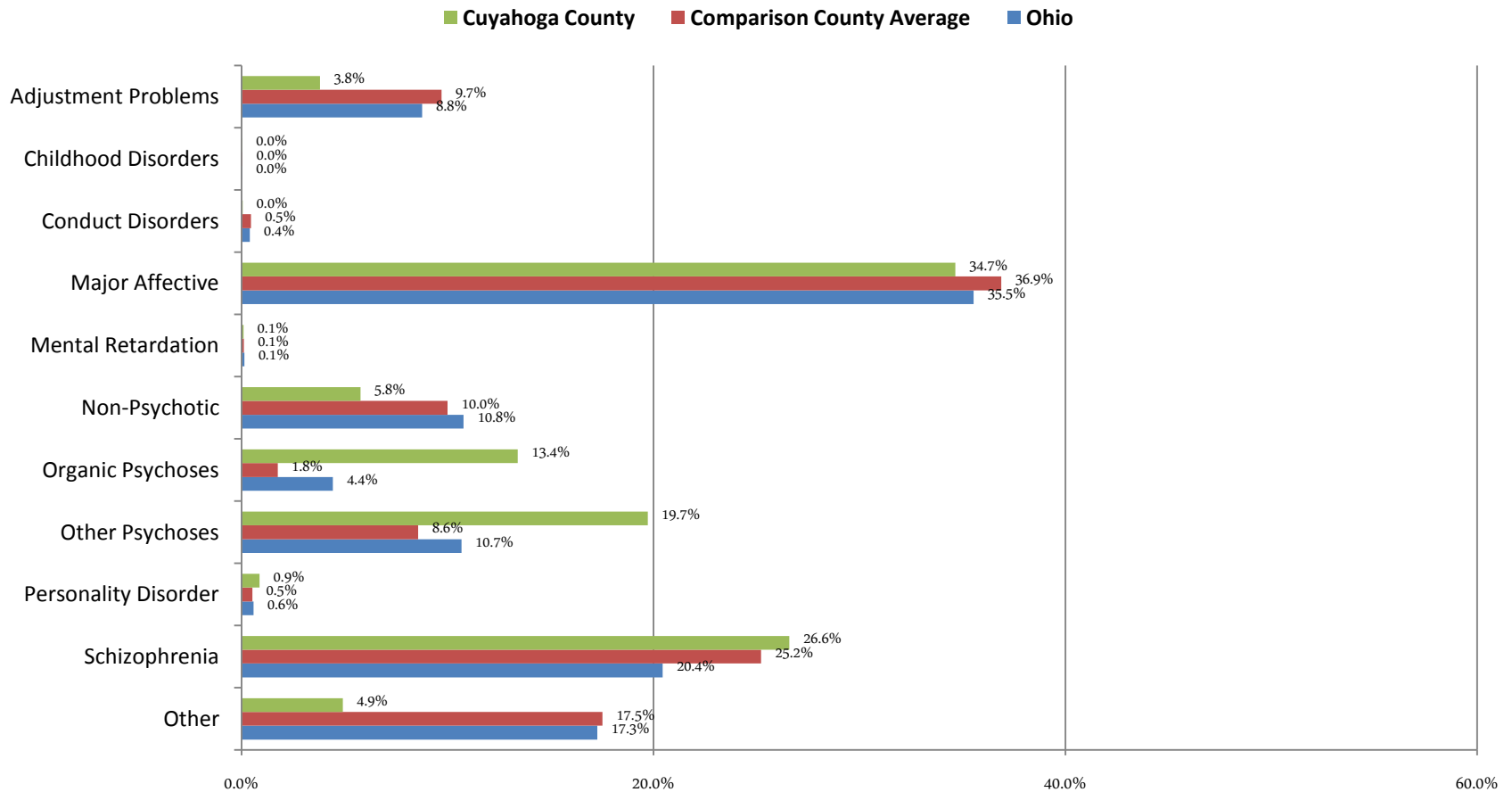
Cuyahoga County ADAMHS Mental Health Consumers

Age 65 and Over, by Diagnosis

FY 2007-2010 Average



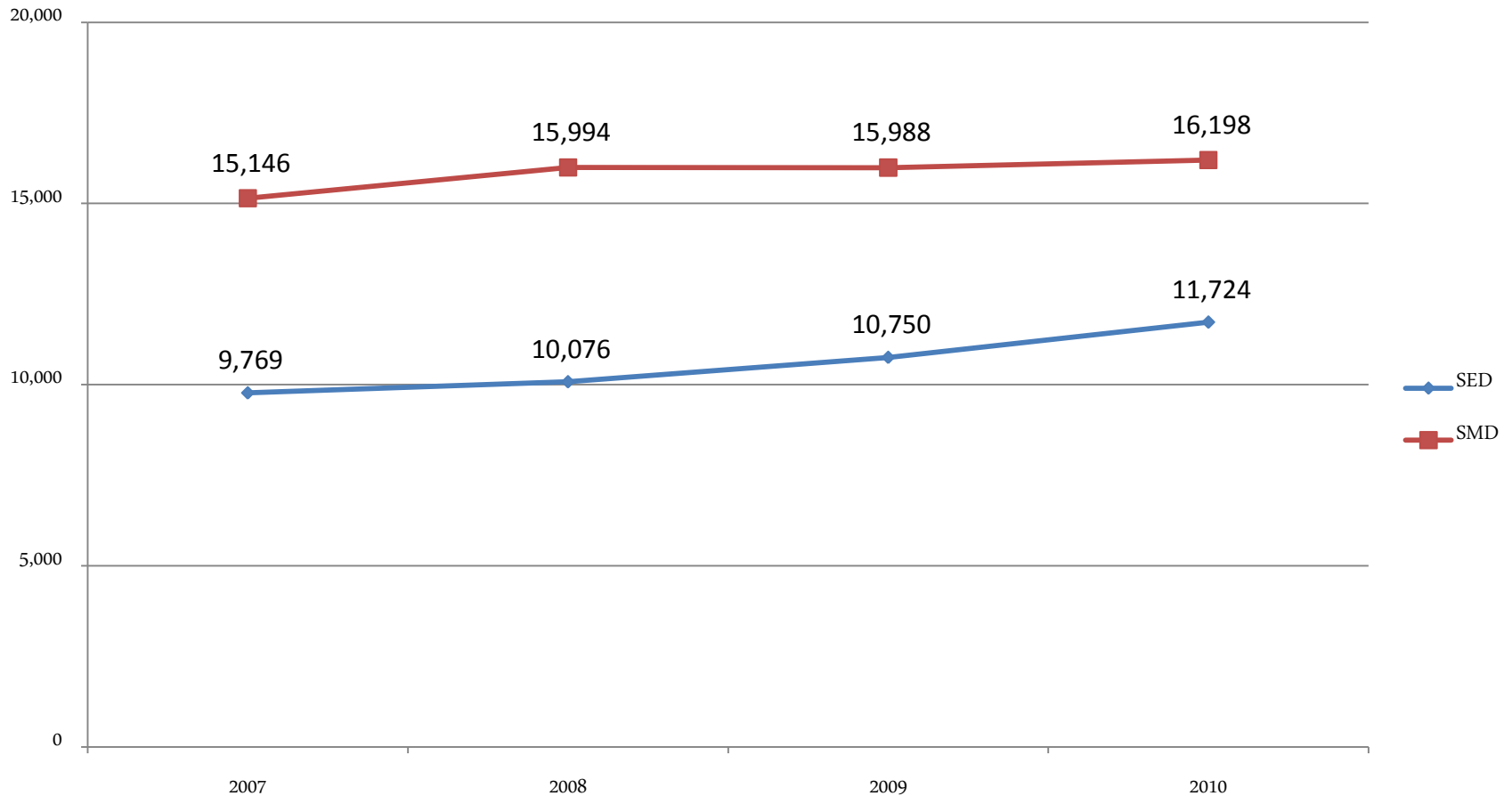
Percentage Distribution of MH Consumers Age 65 and Over by Diagnosis, FY 2007-2010 Average Cuyahoga, Ohio, and Comparison County Average



Cuyahoga County

SMD/SED Consumer Characteristics

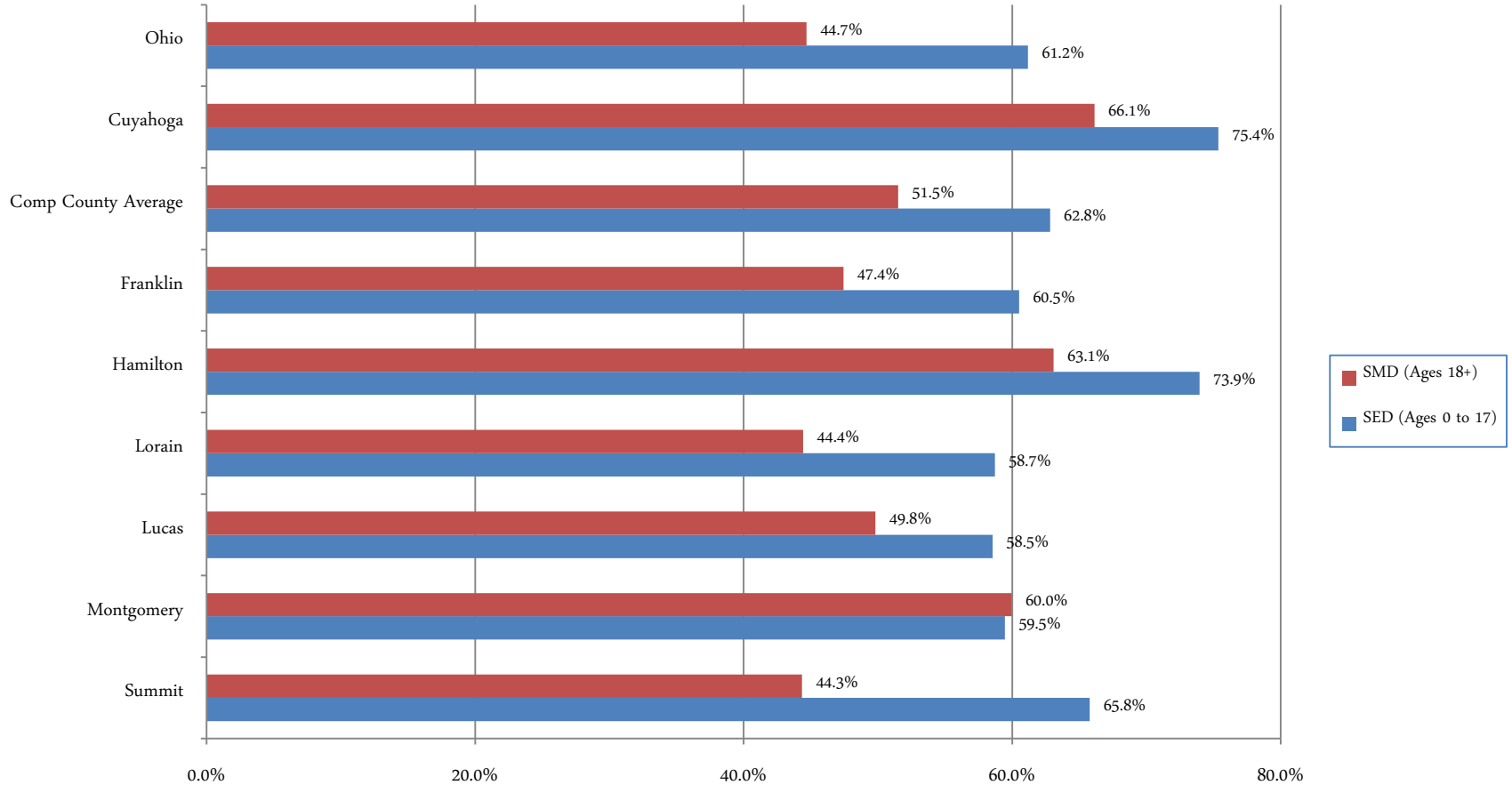
Number of SMD/SED Consumers in Cuyahoga County FY 2007 – FY 2010



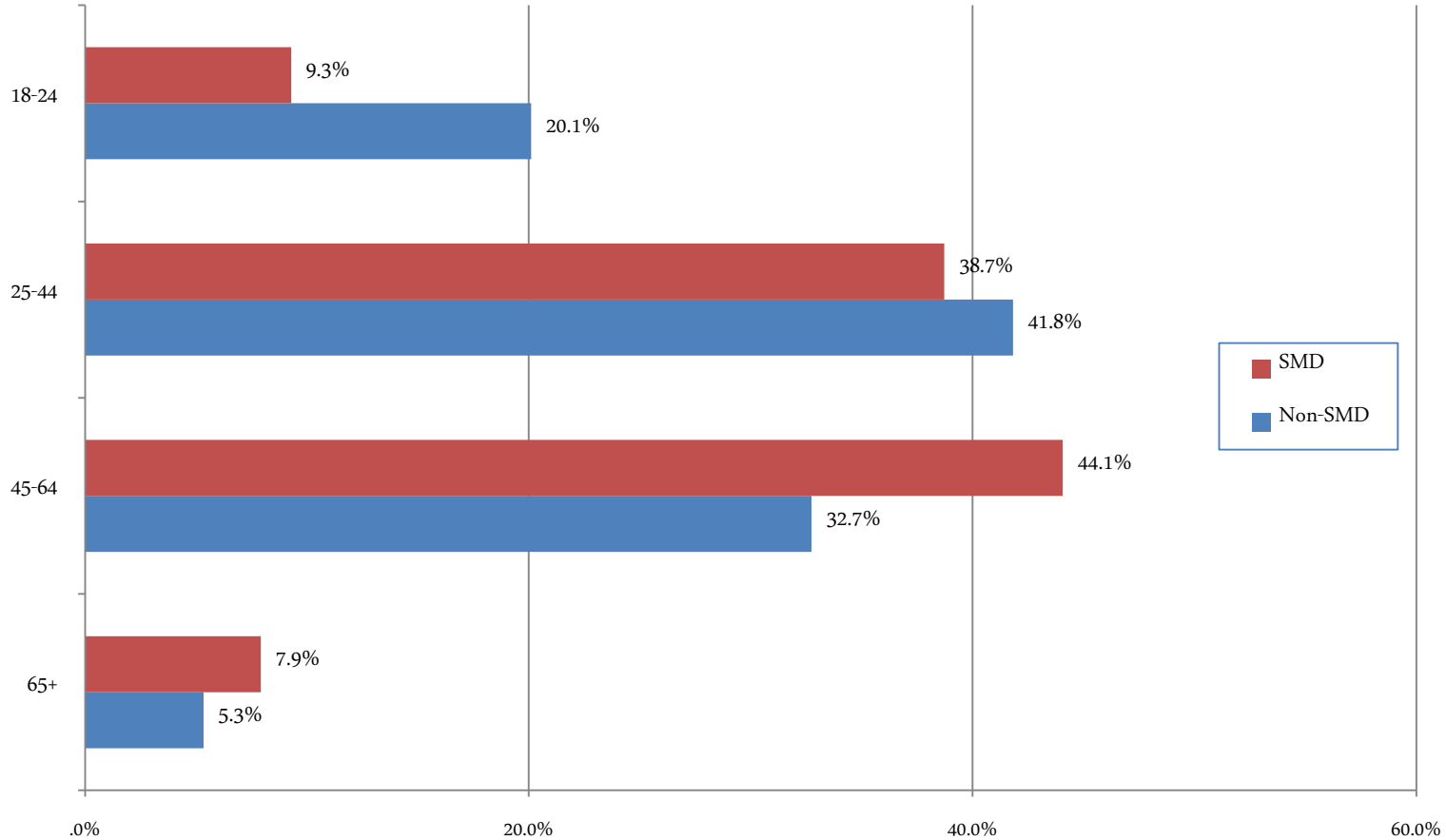
Percentage of SMD/SED Consumers

Cuyahoga, Ohio, and Comparison Counties

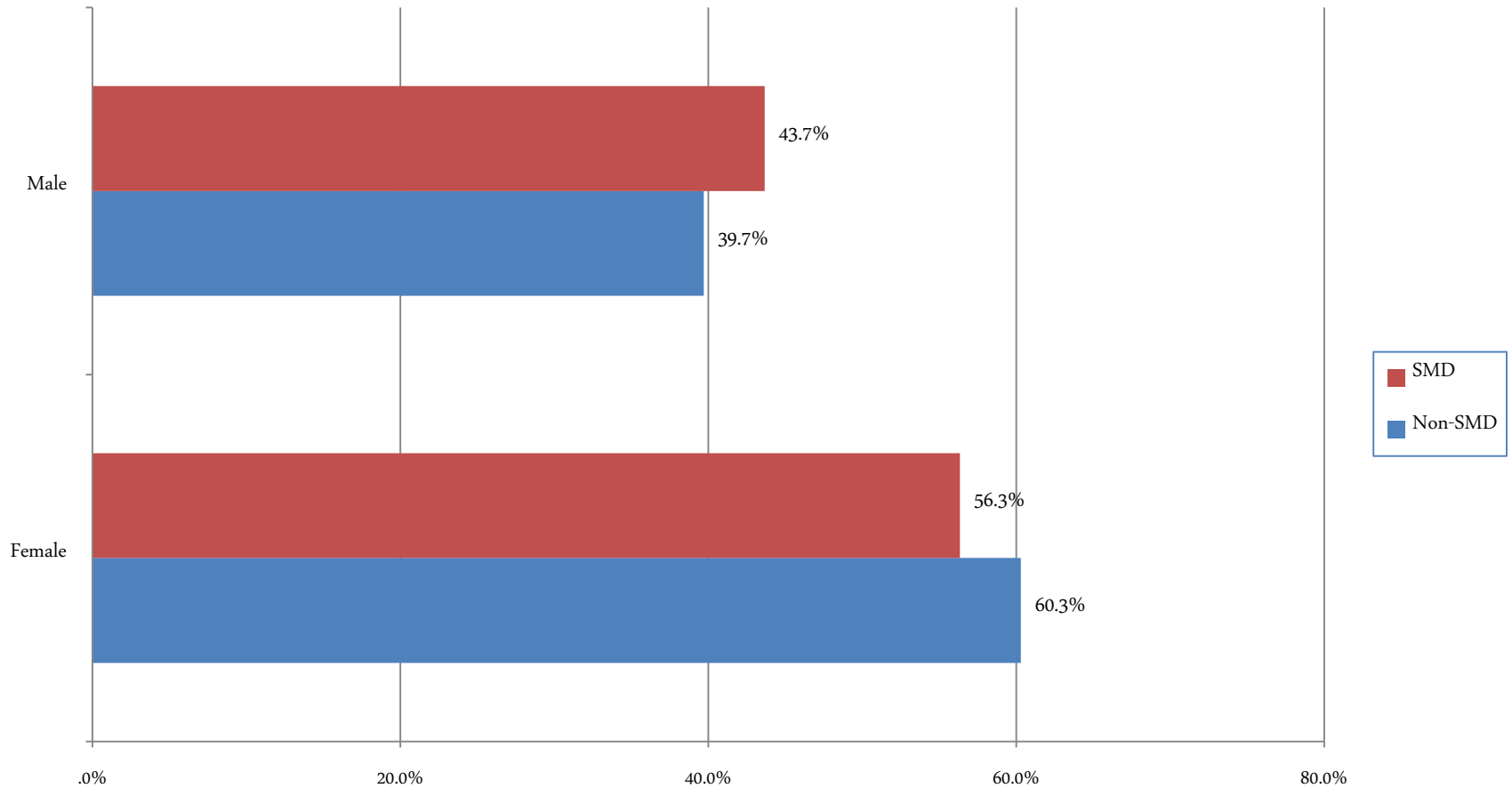
FY 2007– FY 2010 Average



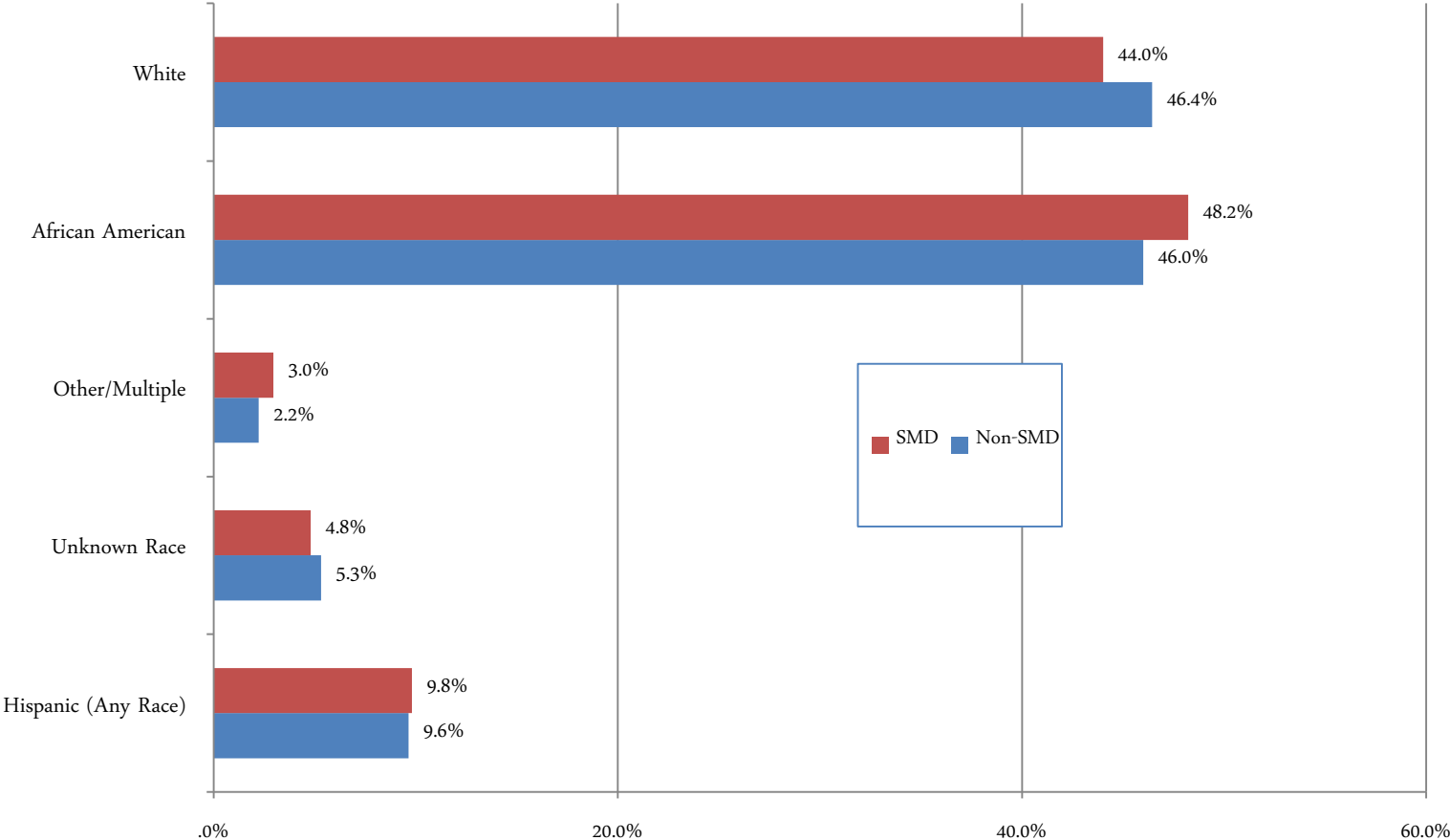
Percentage of SMD/Non-SMD Adult Consumers by Age Group
Cuyahoga County
FY 2007– FY 2010 Average



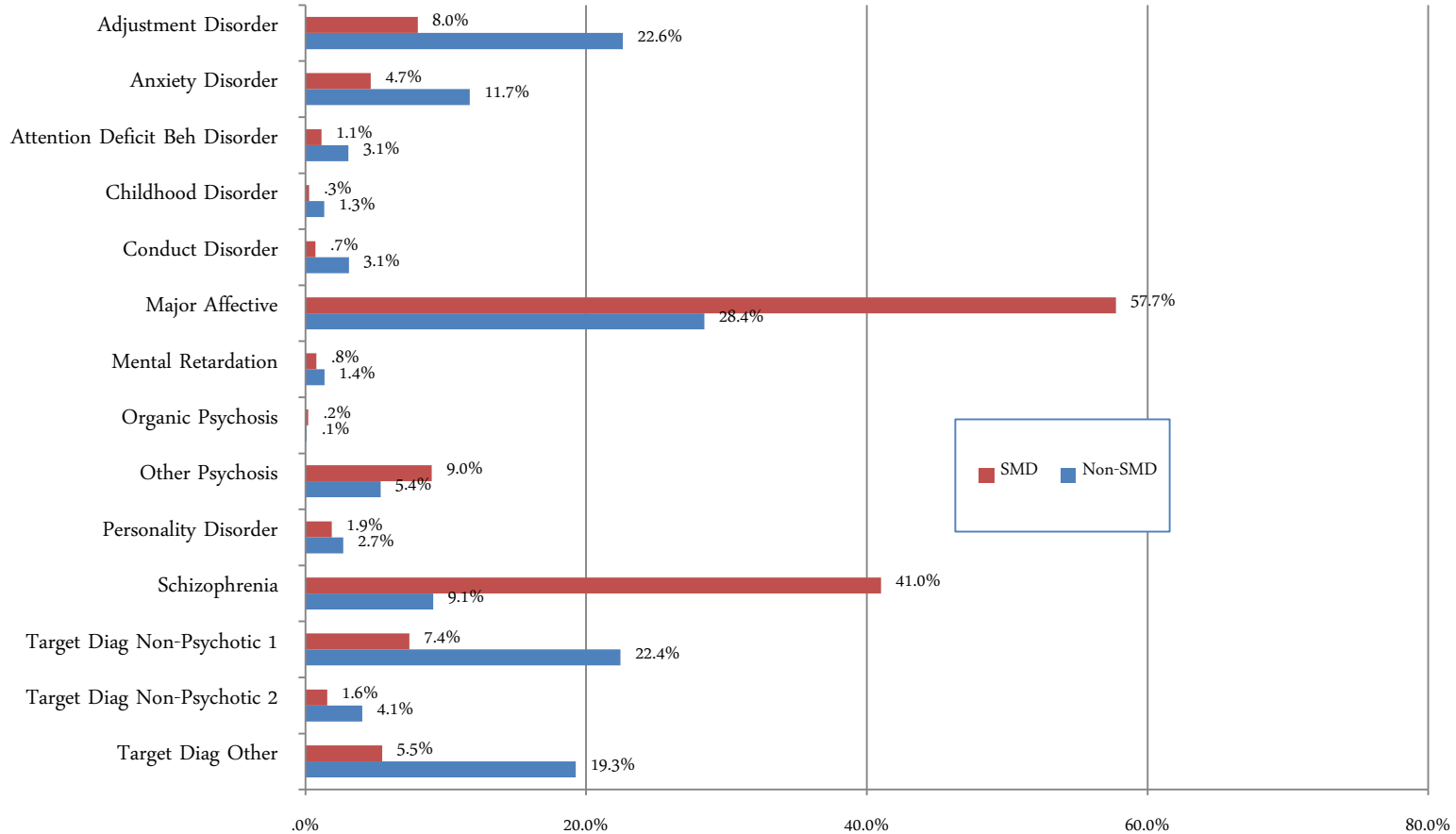
Percentage of SMD/Non-SMD Consumers 18 and Over by Gender
Cuyahoga County
FY 2007– FY 2010 Average



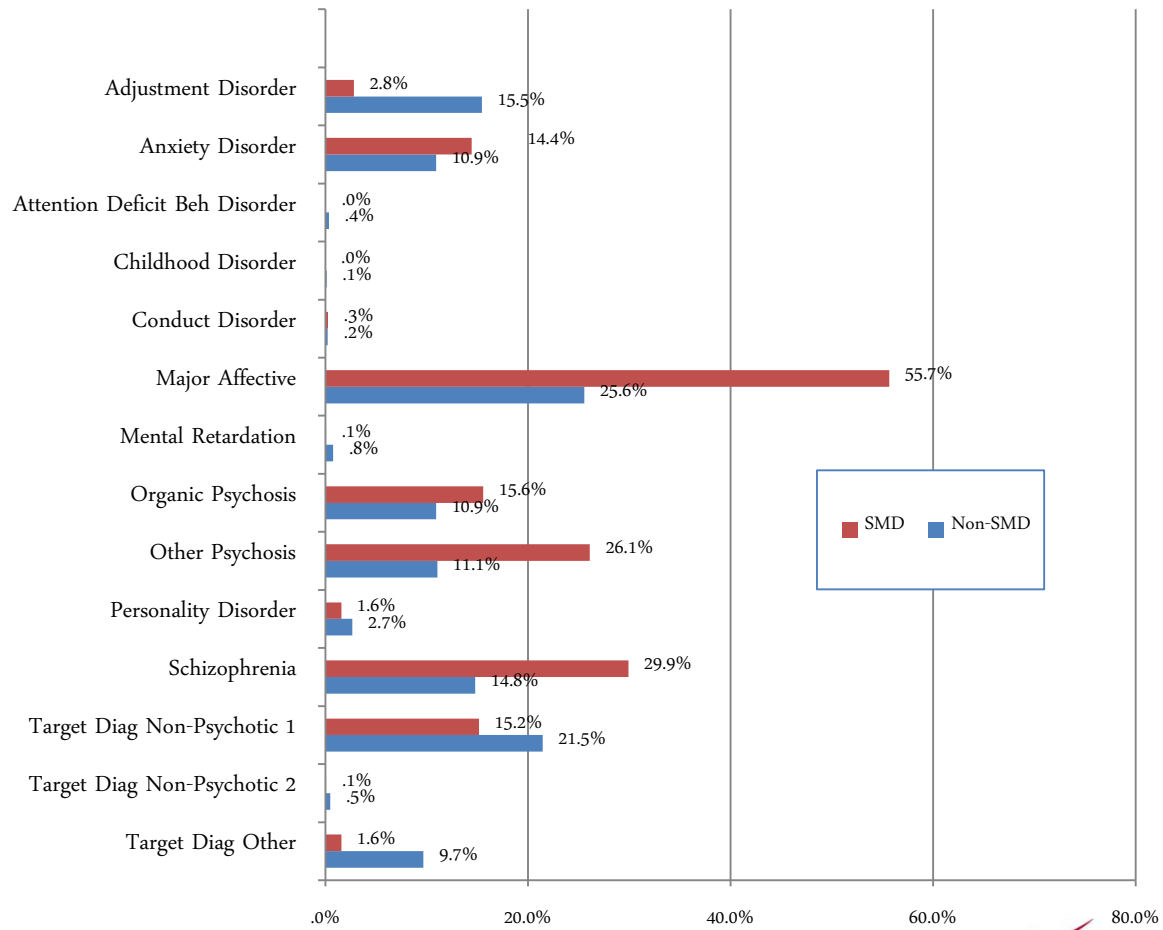
Percentage of SMD/Non-SMD Consumers 18 and Over
 by Race and Ethnicity
 Cuyahoga County, FY 2007– FY 2010 Average



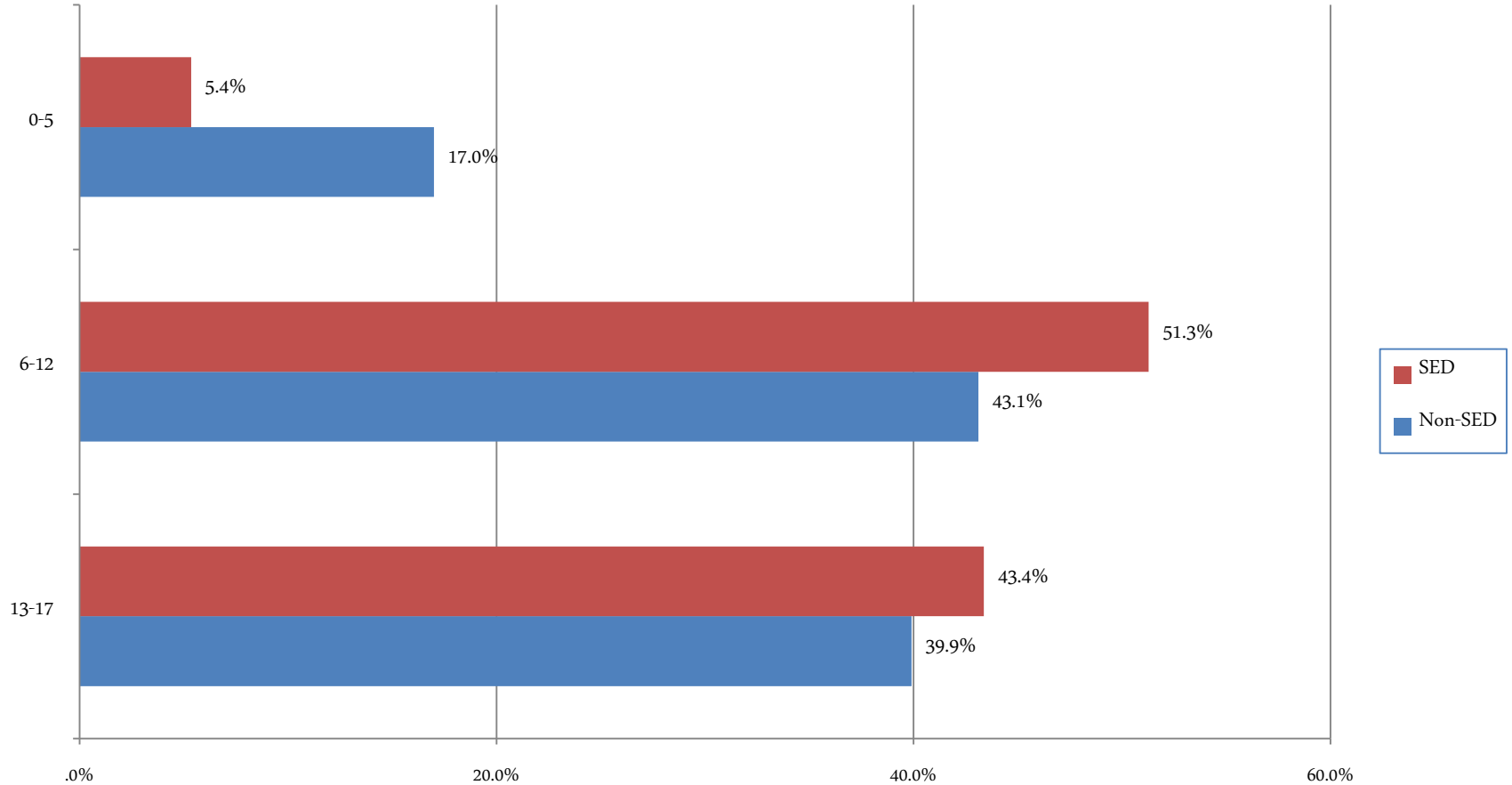
Percentage of SMD/Non-SMD Consumers 18 to 64
by Diagnosis
Cuyahoga County, FY 2007– FY 2010 Average



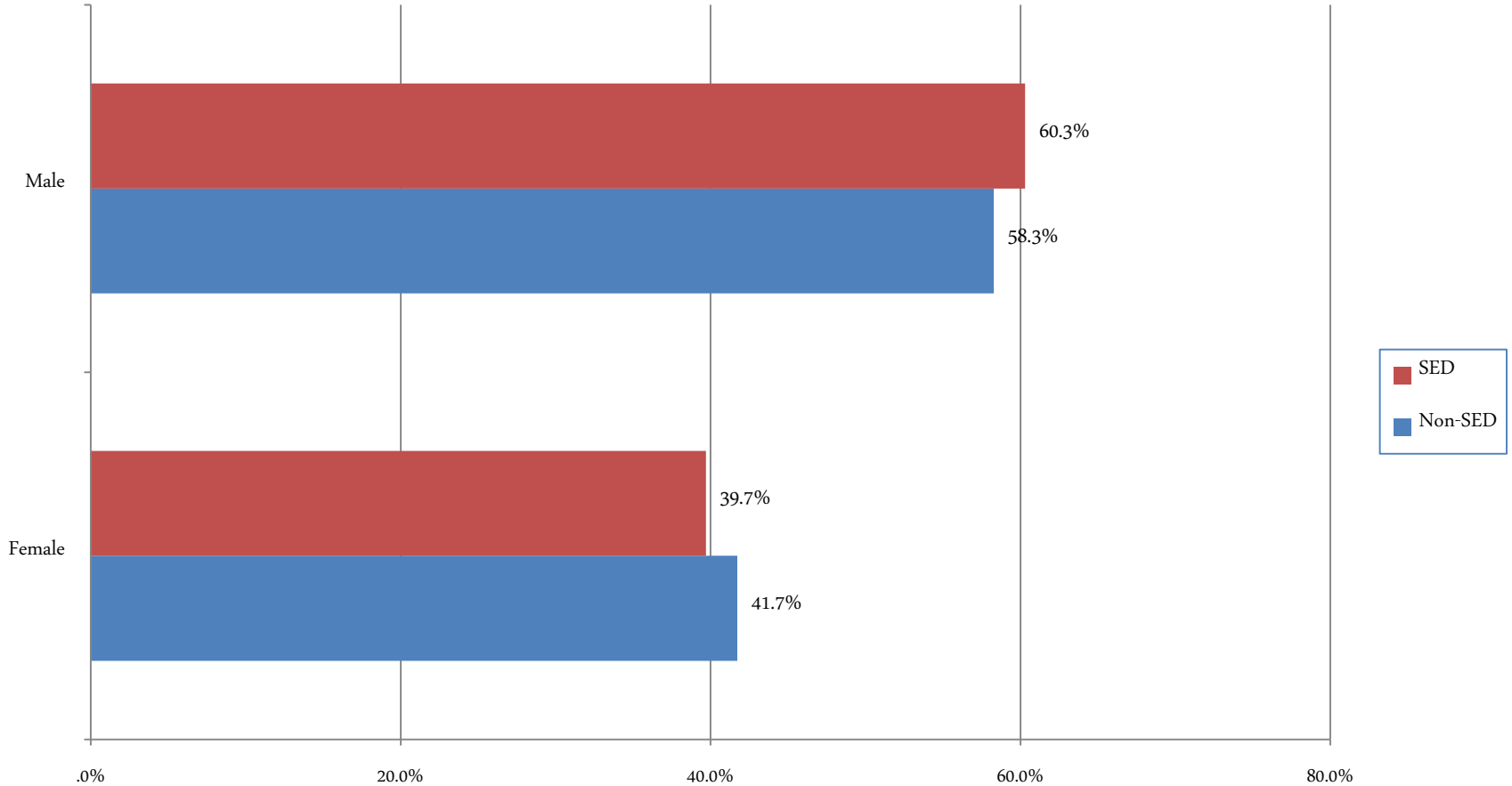
Percentage of SMD/Non-SMD Consumers 65 and Over
 by Diagnosis
 Cuyahoga County, FY 2007– FY 2010 Average



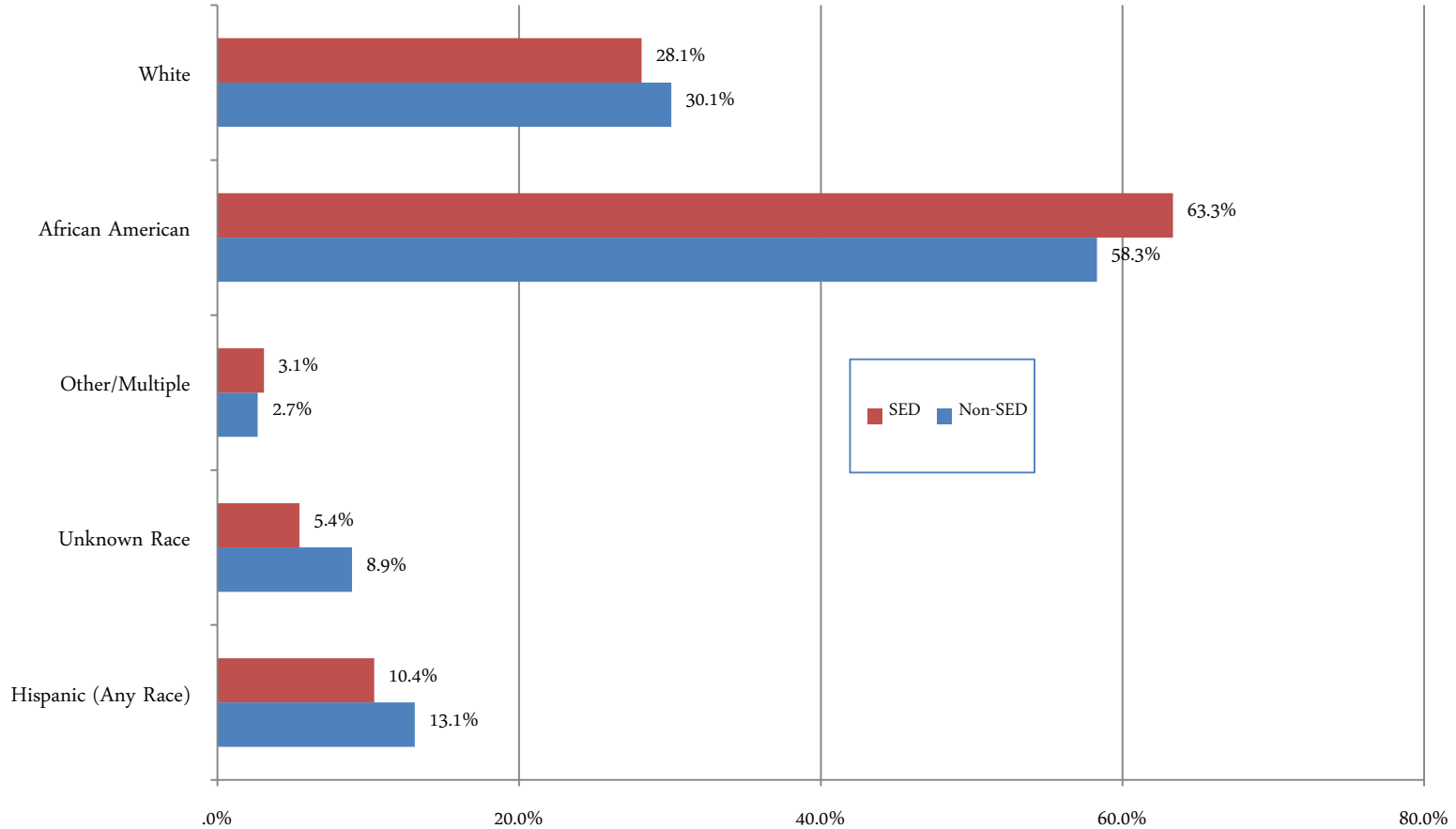
Percentage of SED/Non-SED Consumers Under 18
by Age Group
Cuyahoga County, FY 2007– FY 2010 Average



Percentage of SED/Non-SED Consumers Under18 by Gender
Cuyahoga County
FY 2007– FY 2010 Average

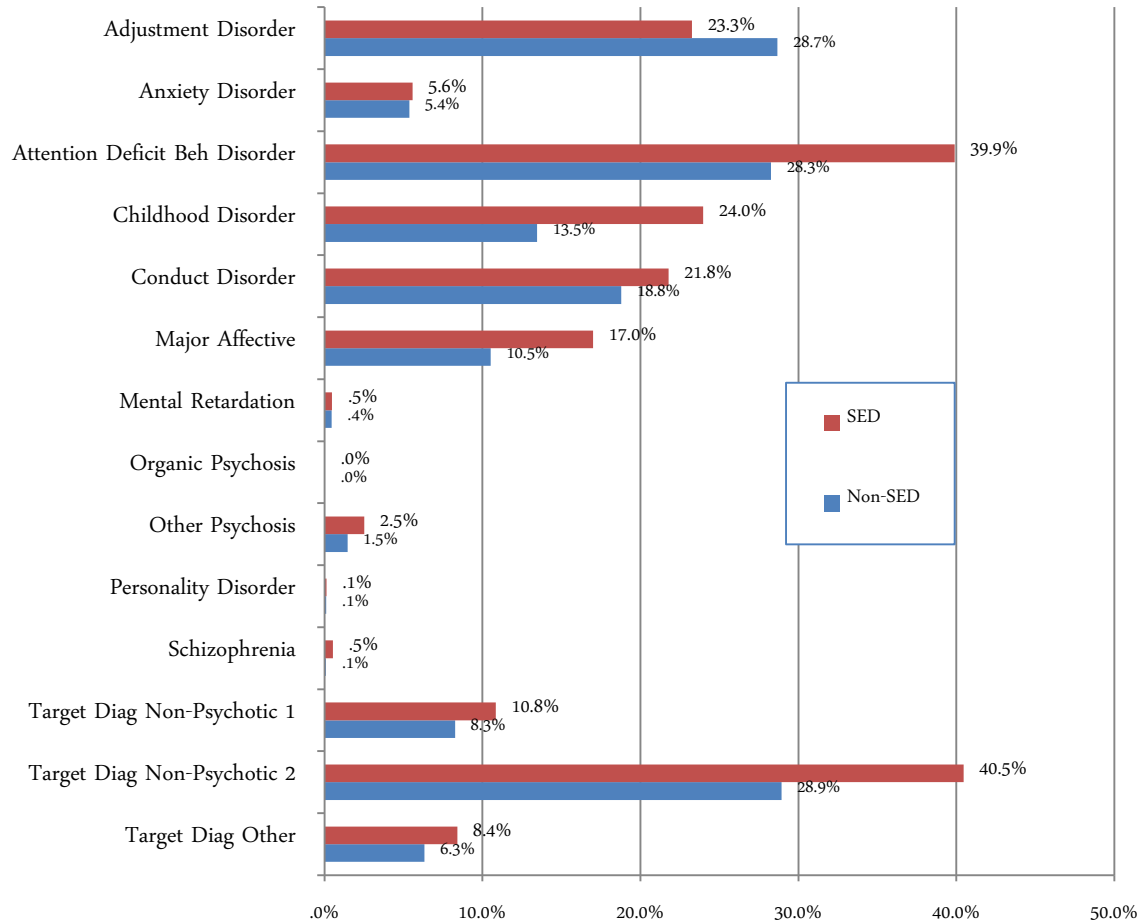


Percentage of SED/Non-SED Consumers Under 18
by Race and Ethnicity
Cuyahoga County, FY 2007– FY 2010 Average



Percentage of SED/Non-SED Consumers Under 18 by Diagnosis

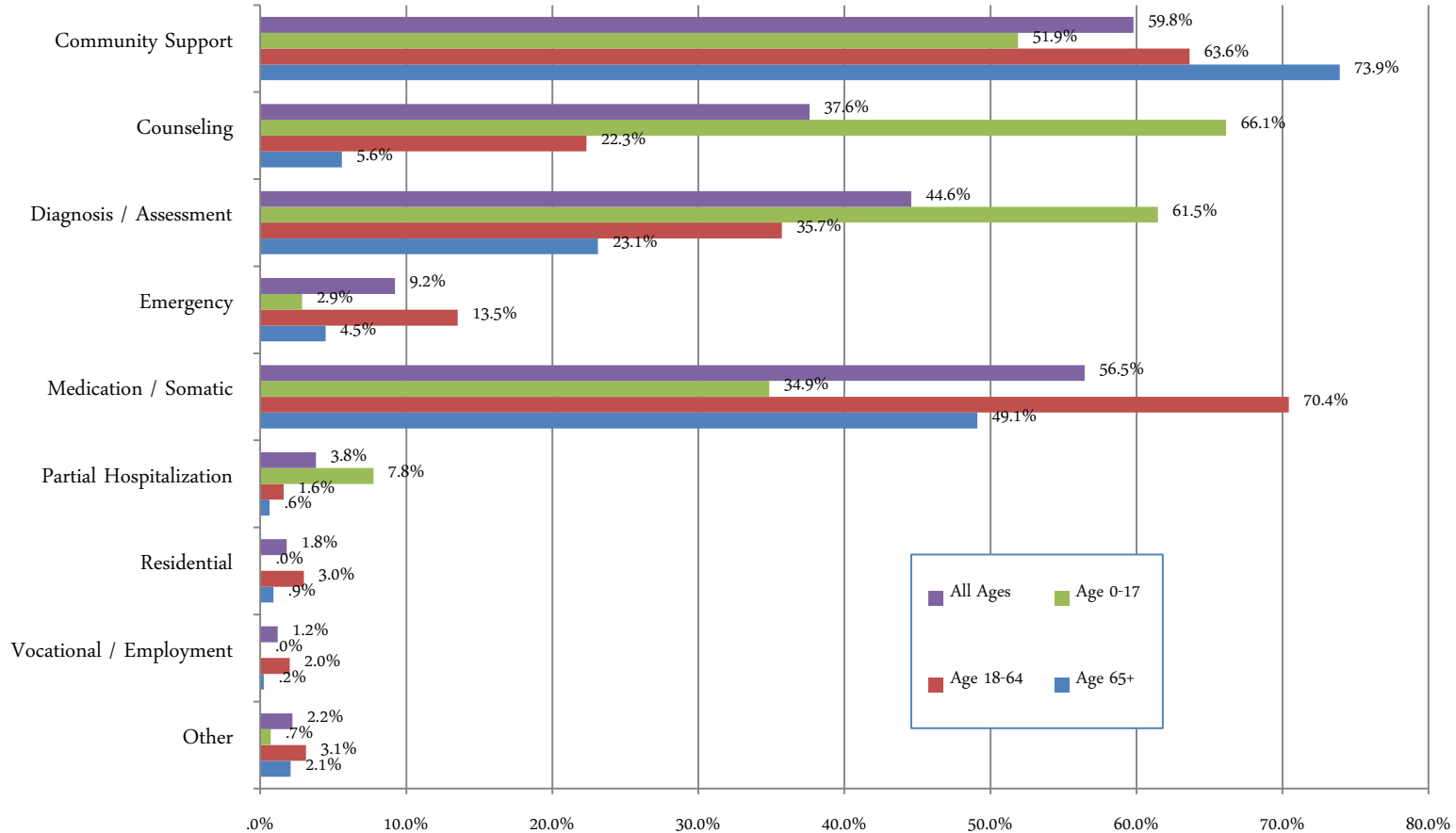
Cuyahoga County, FY 2007– FY 2010 Average



Mental Health Services Received

Mental Health Services Received by Age of Consumer

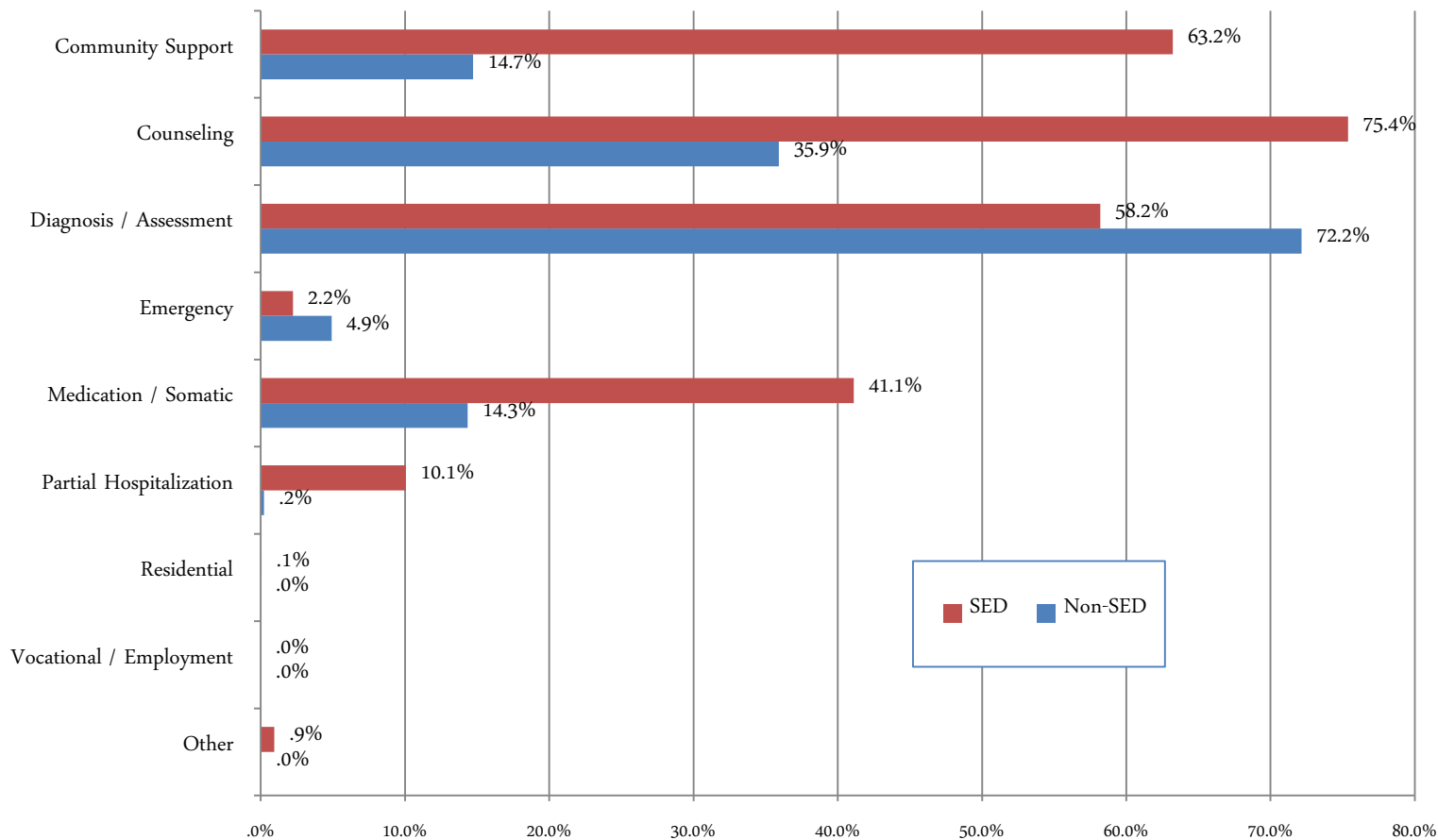
Cuyahoga County, FY 2007– FY 2010 Average



Mental Health Services Received

By SED Status of Consumers Under 18

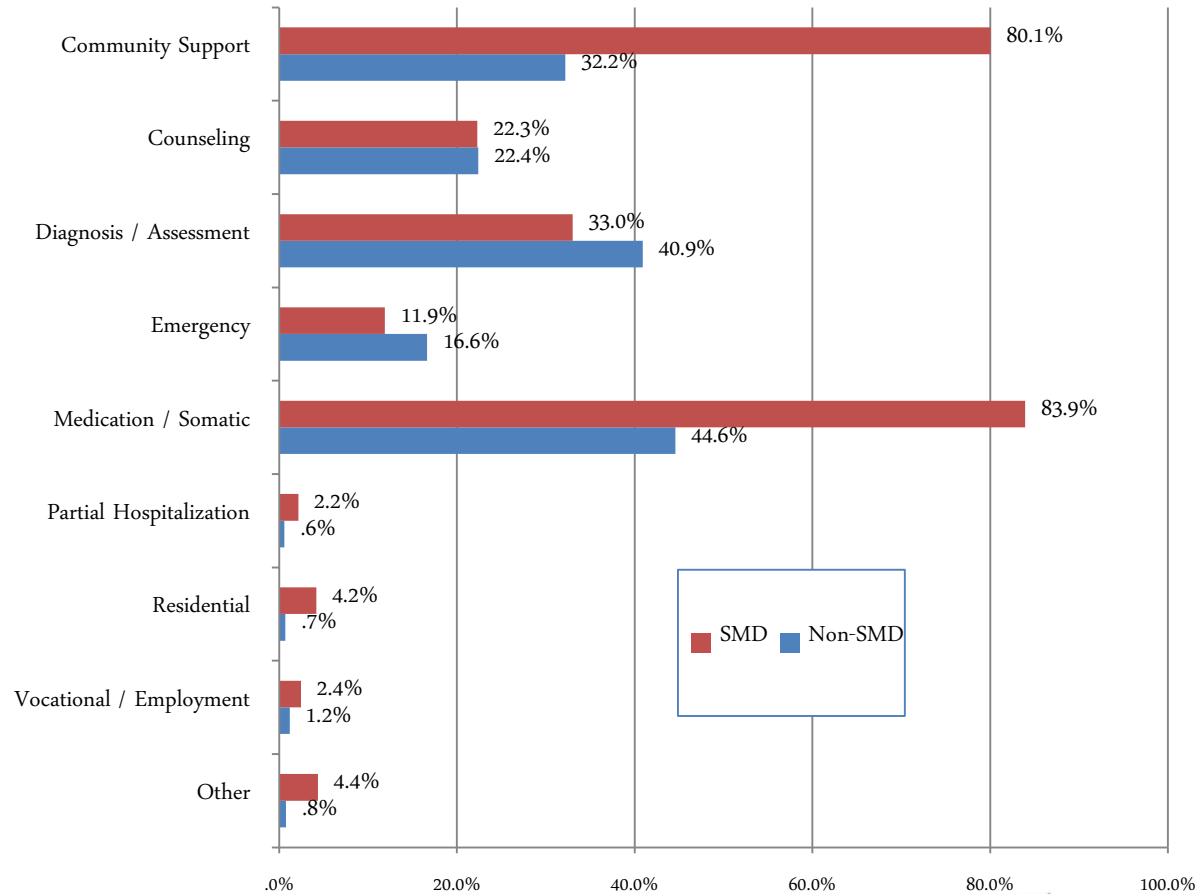
Cuyahoga County, FY 2007– FY 2010 Average



Mental Health Services Received

By SMD Status of Consumers 18 to 64

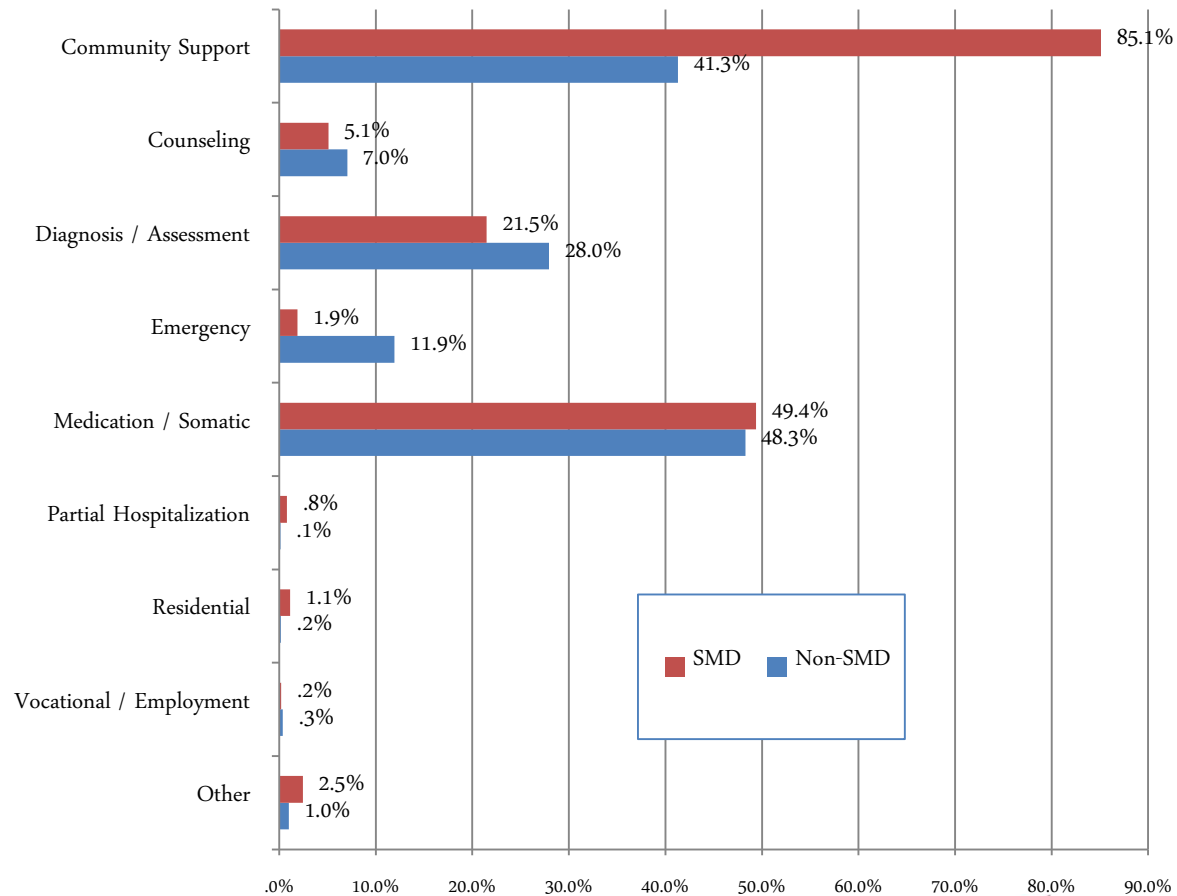
Cuyahoga County, FY 2007– FY 2010 Average



Mental Health Services Received

By SMD Status of Consumers 65 and Over

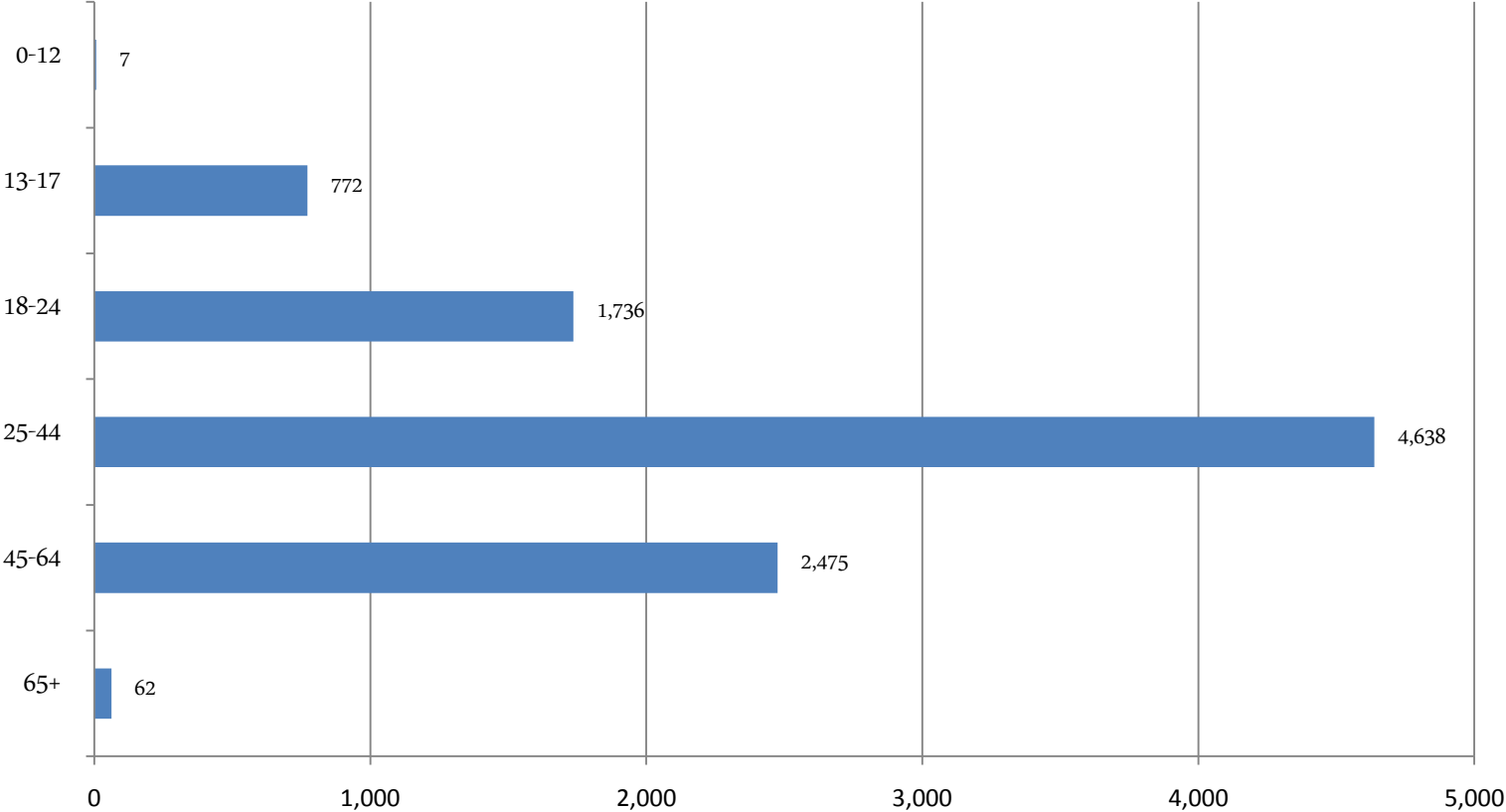
Cuyahoga County, FY 2007– FY 2010 Average



Demographic Profile of Cuyahoga County AOD Consumers

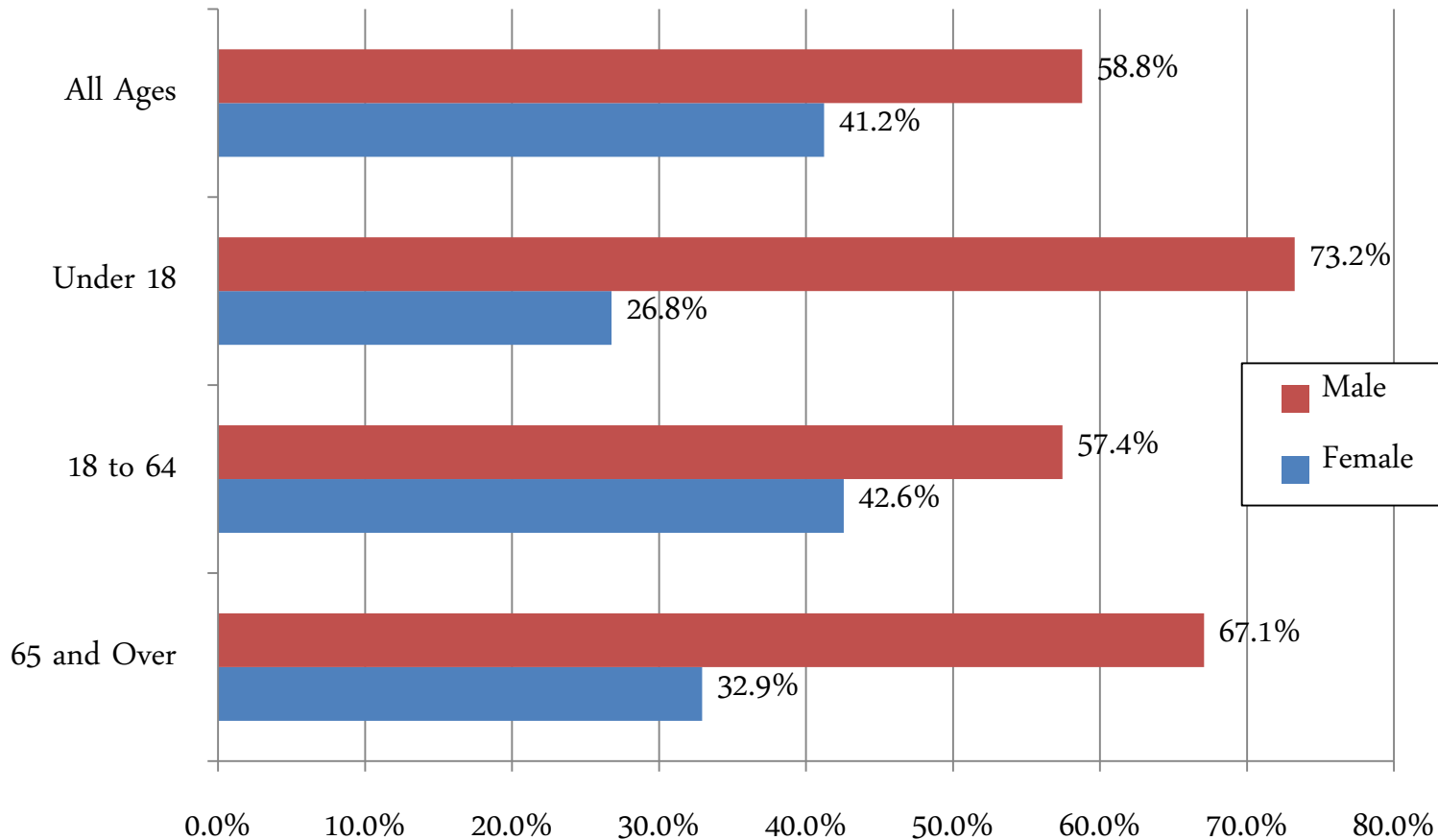
Alcohol / Drug Consumers by Age

FY 2007 to FY 2010 Average



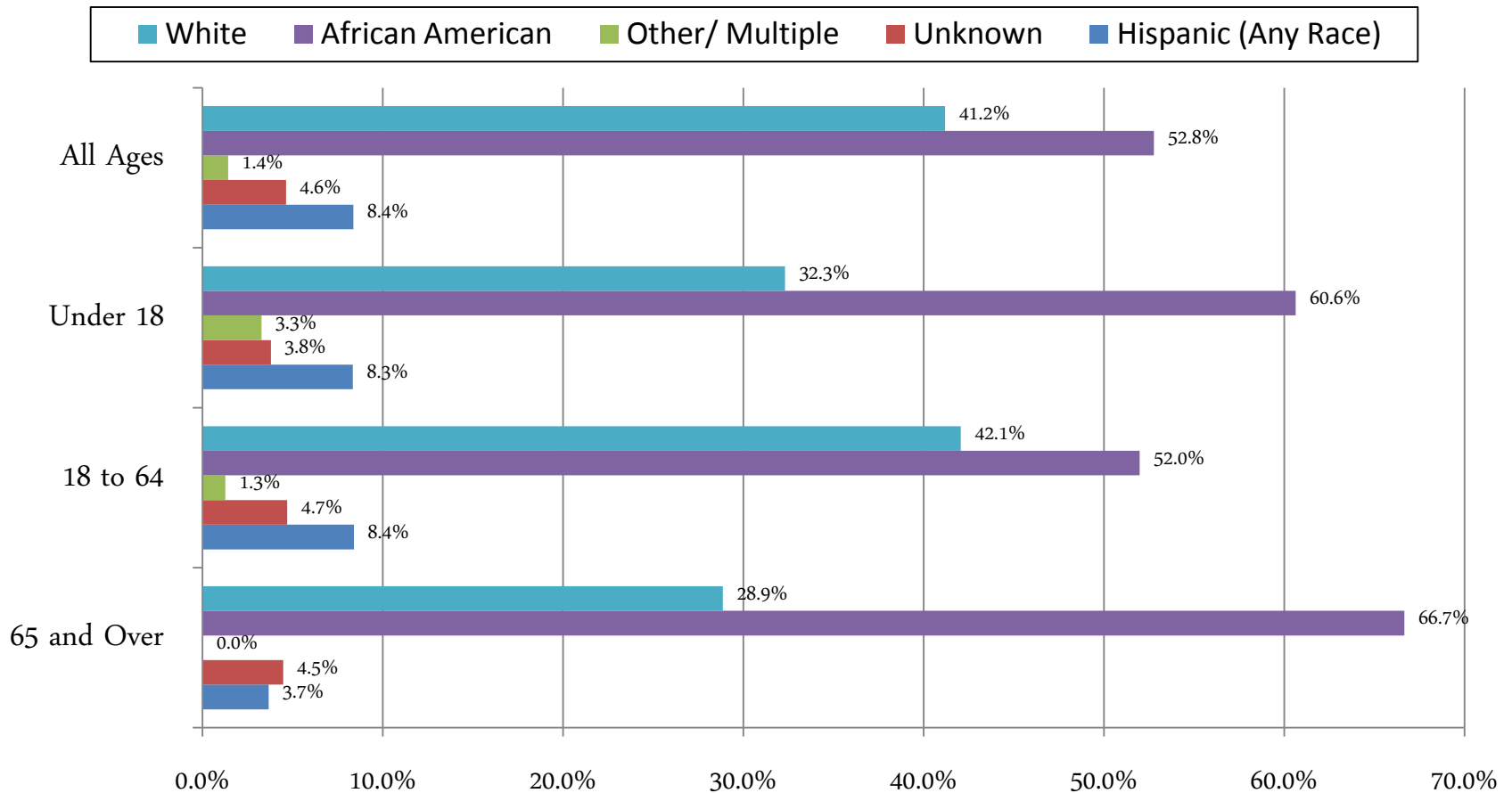
Alcohol / Drug Consumers by Gender

FY 2007 to FY 2010 Average



Alcohol / Drug Consumers by Race and Ethnicity

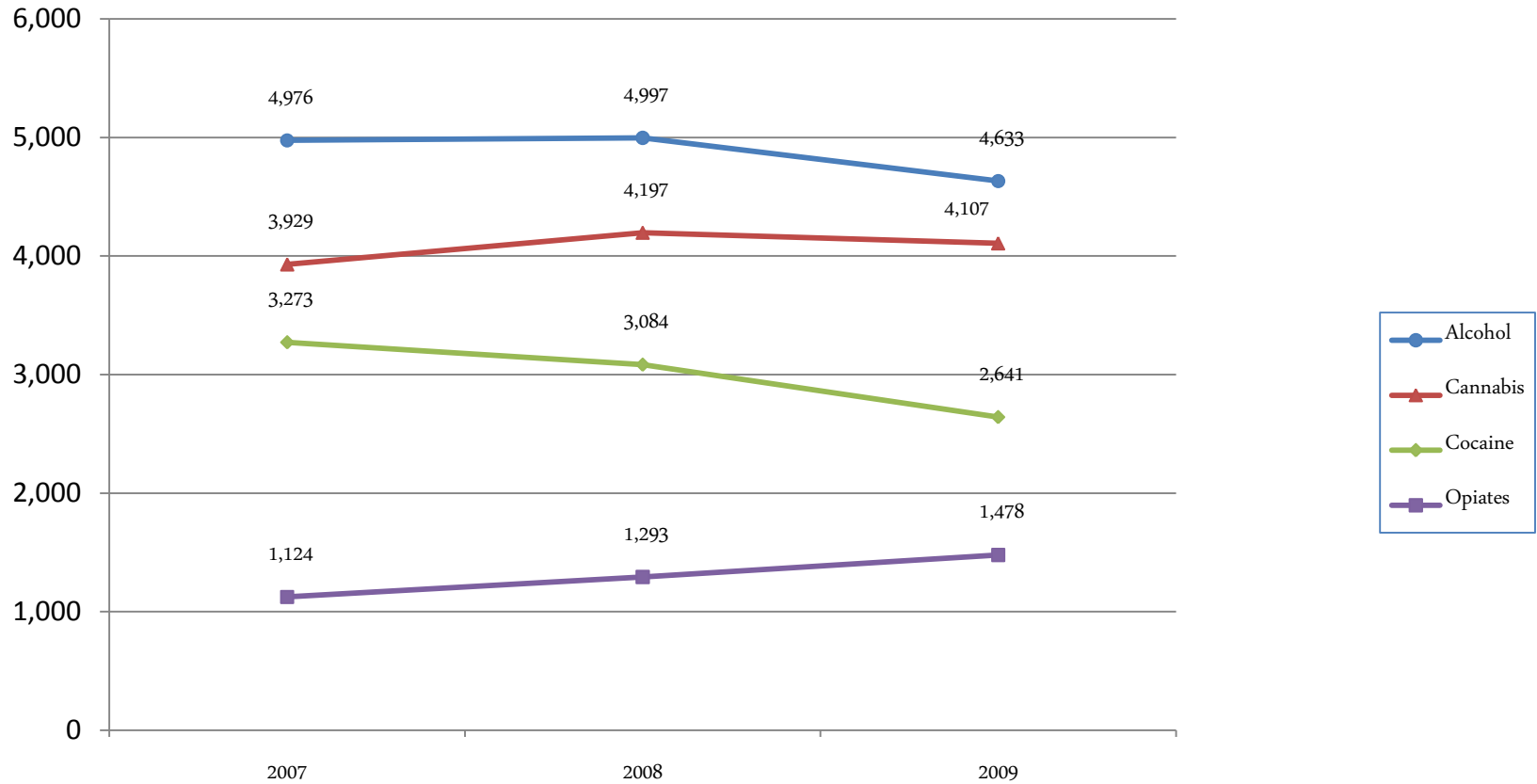
FY 2007 to FY 2010 Average



AOD Consumer Substance Characteristics

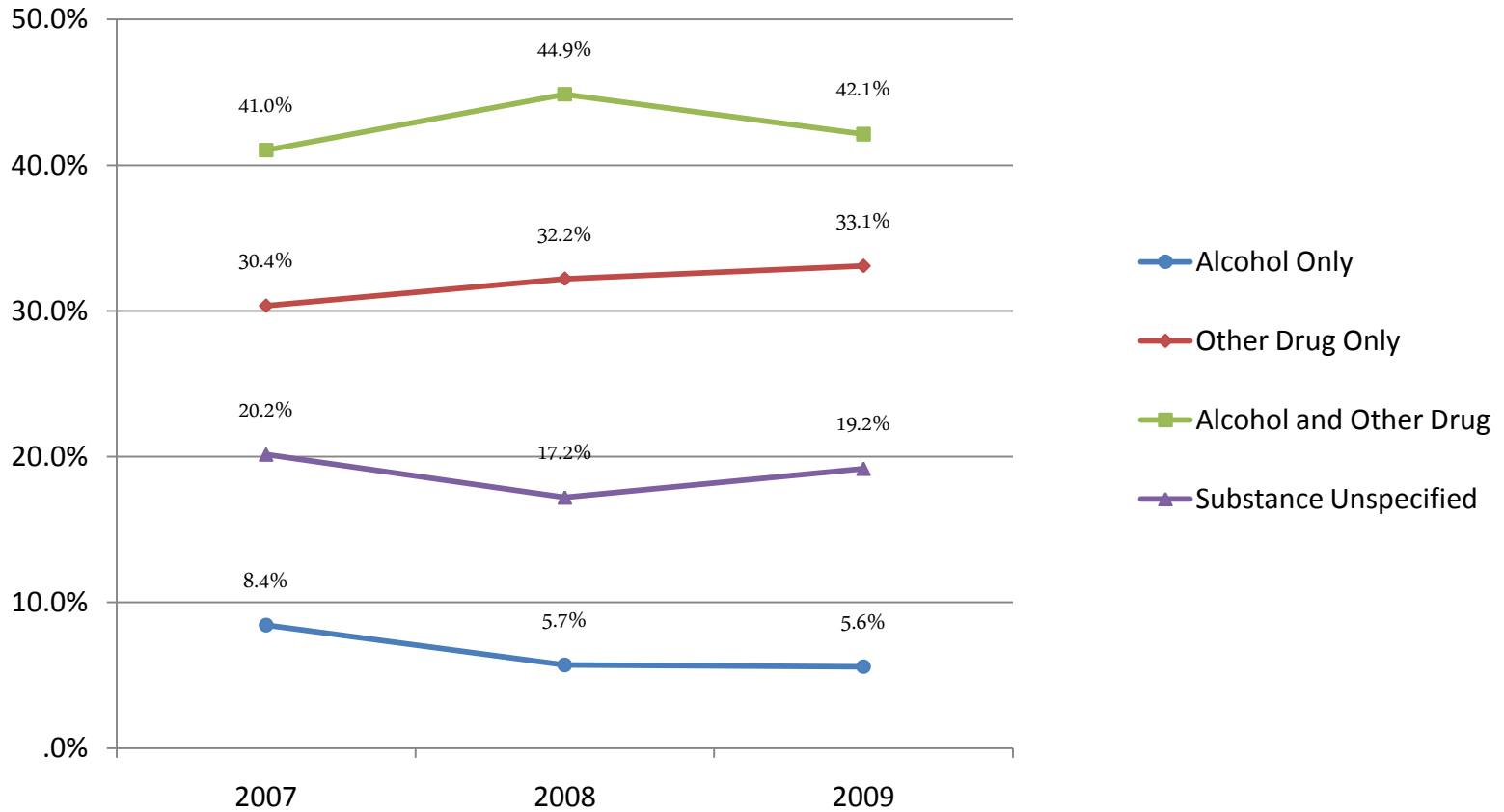
AOD Consumers by Major Substances Used

Cuyahoga County, FY 2007– FY 2009



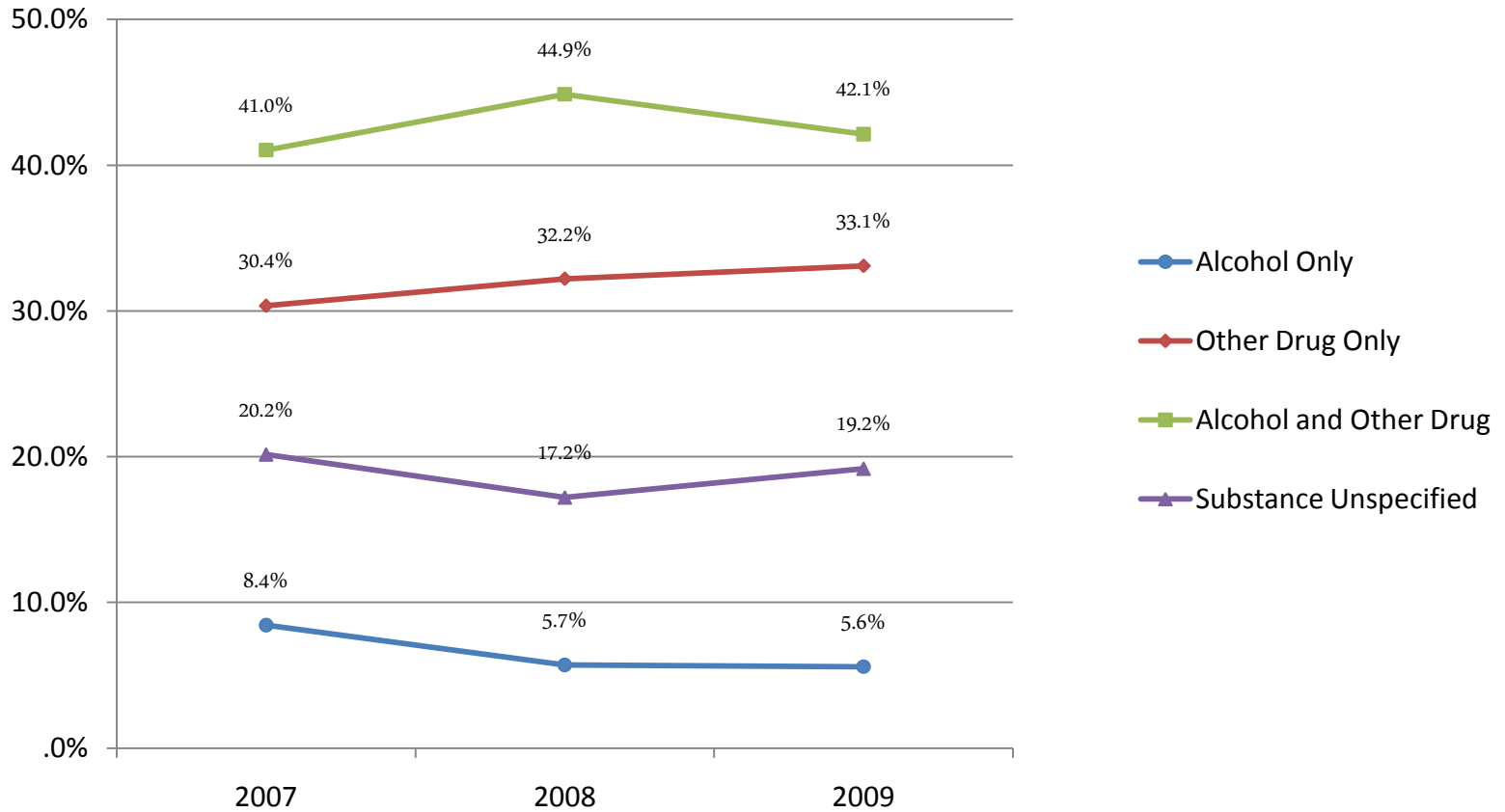
AOD Consumers by Substance Behavior

Cuyahoga County, FY 2007– FY 2009



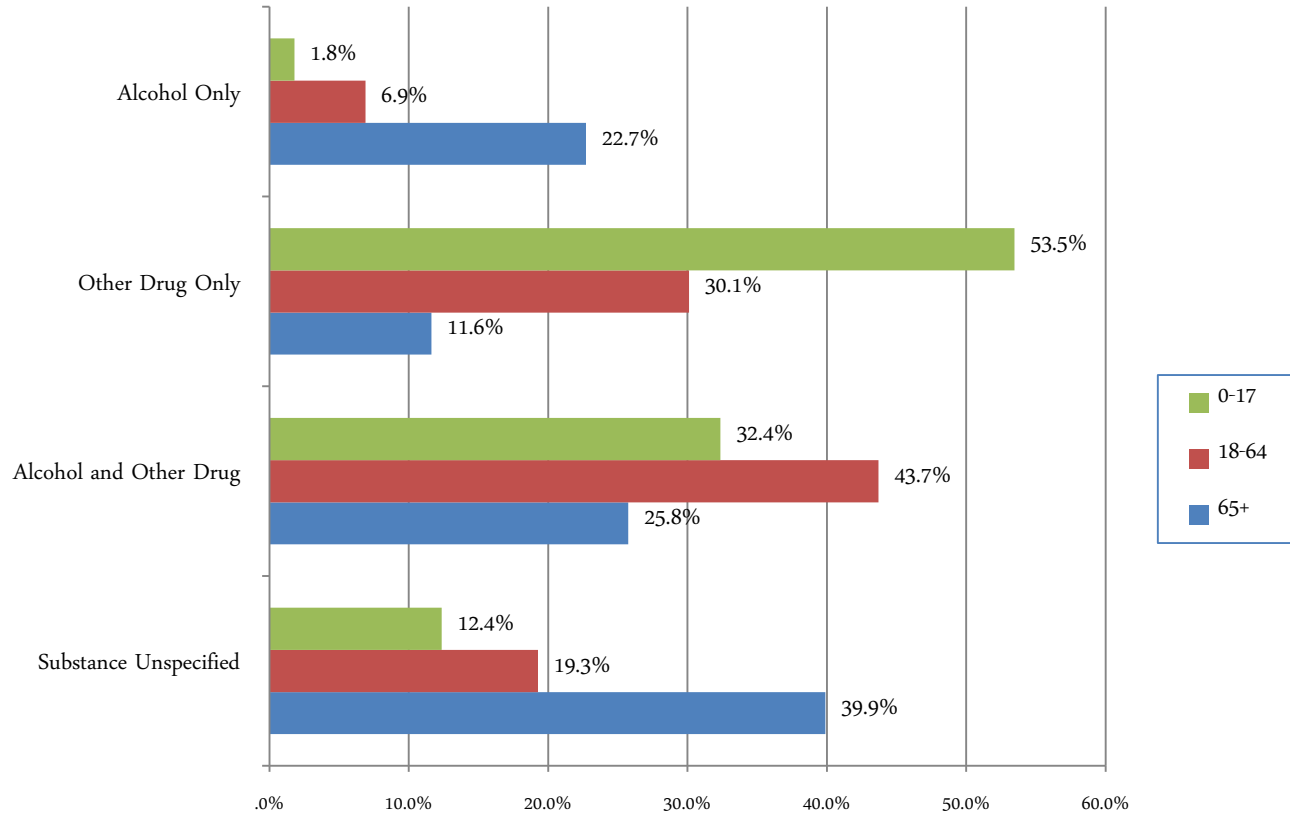
AOD Consumers by Substance Behavior

Cuyahoga County, FY 2007– FY 2009



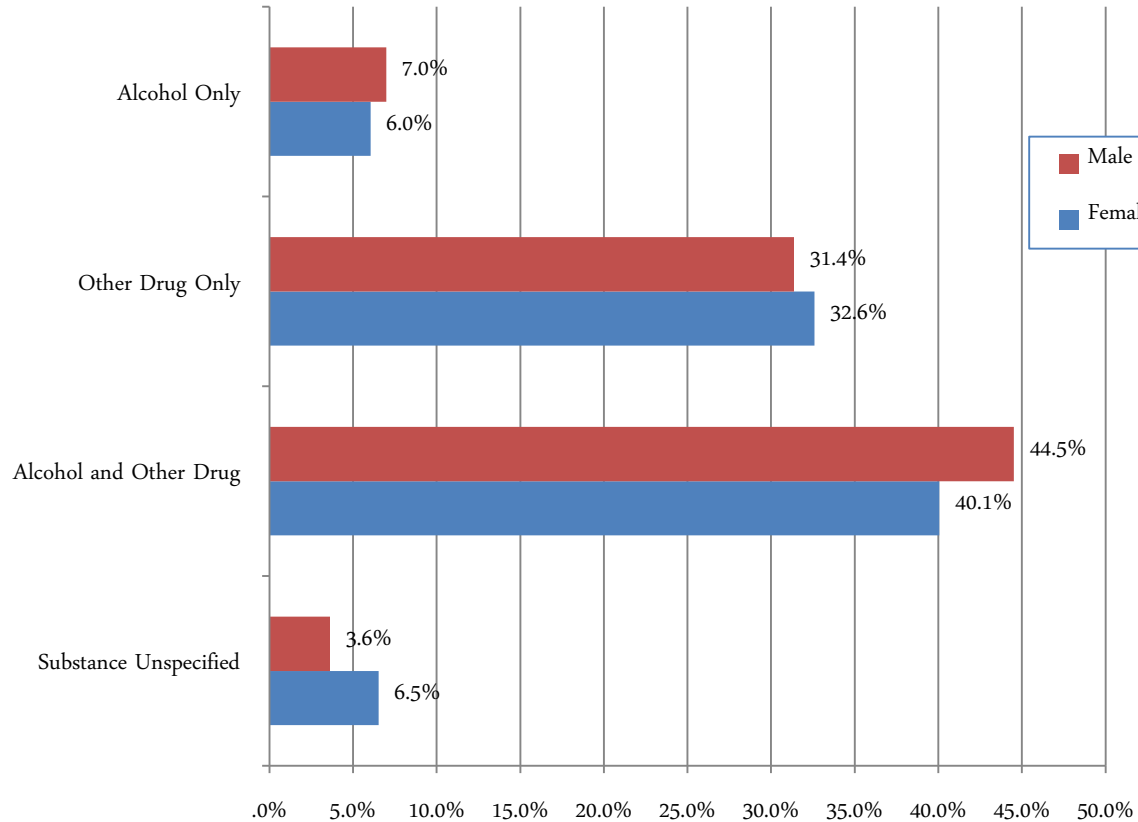
Substance Behavior by Age of Consumer

Cuyahoga County, FY 2007– FY 2009 Average



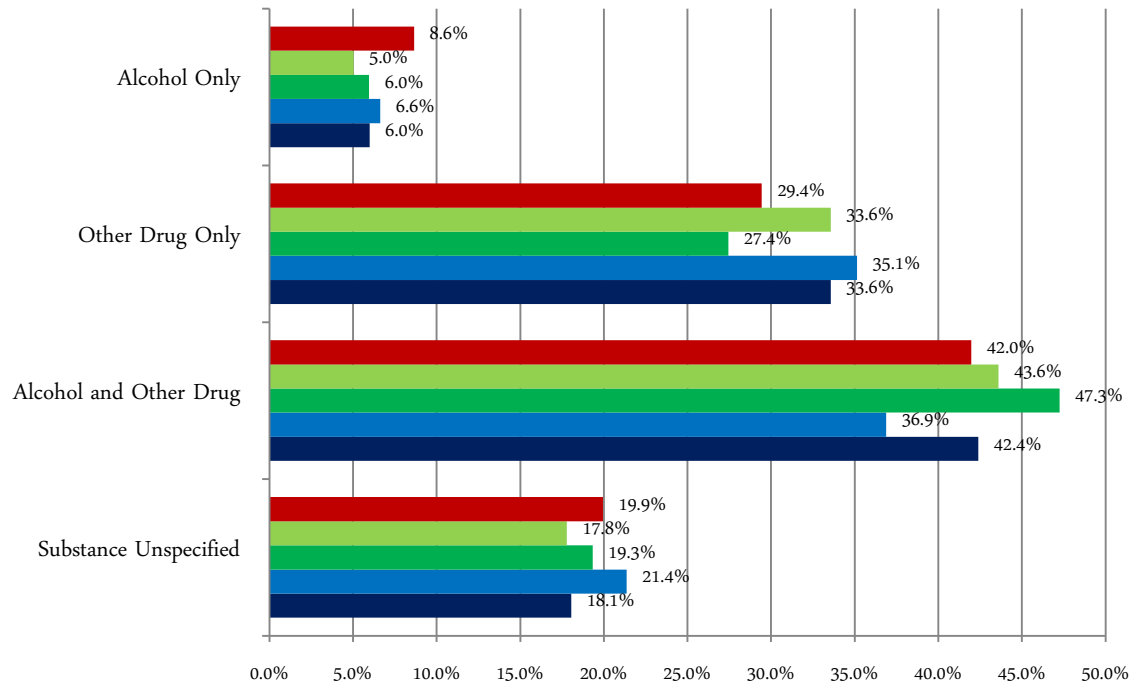
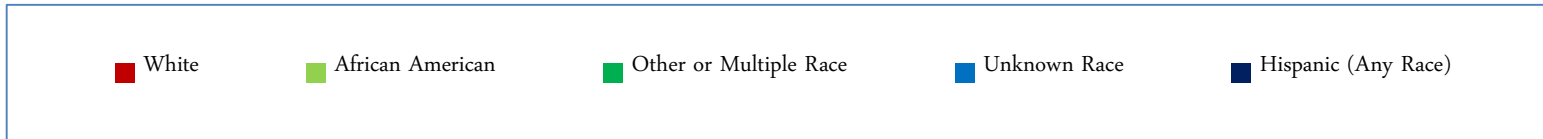
Substance Behavior by Gender of Consumer

Cuyahoga County, FY 2007– FY 2009 Average



Substance Behavior by Consumer Race and Ethnicity

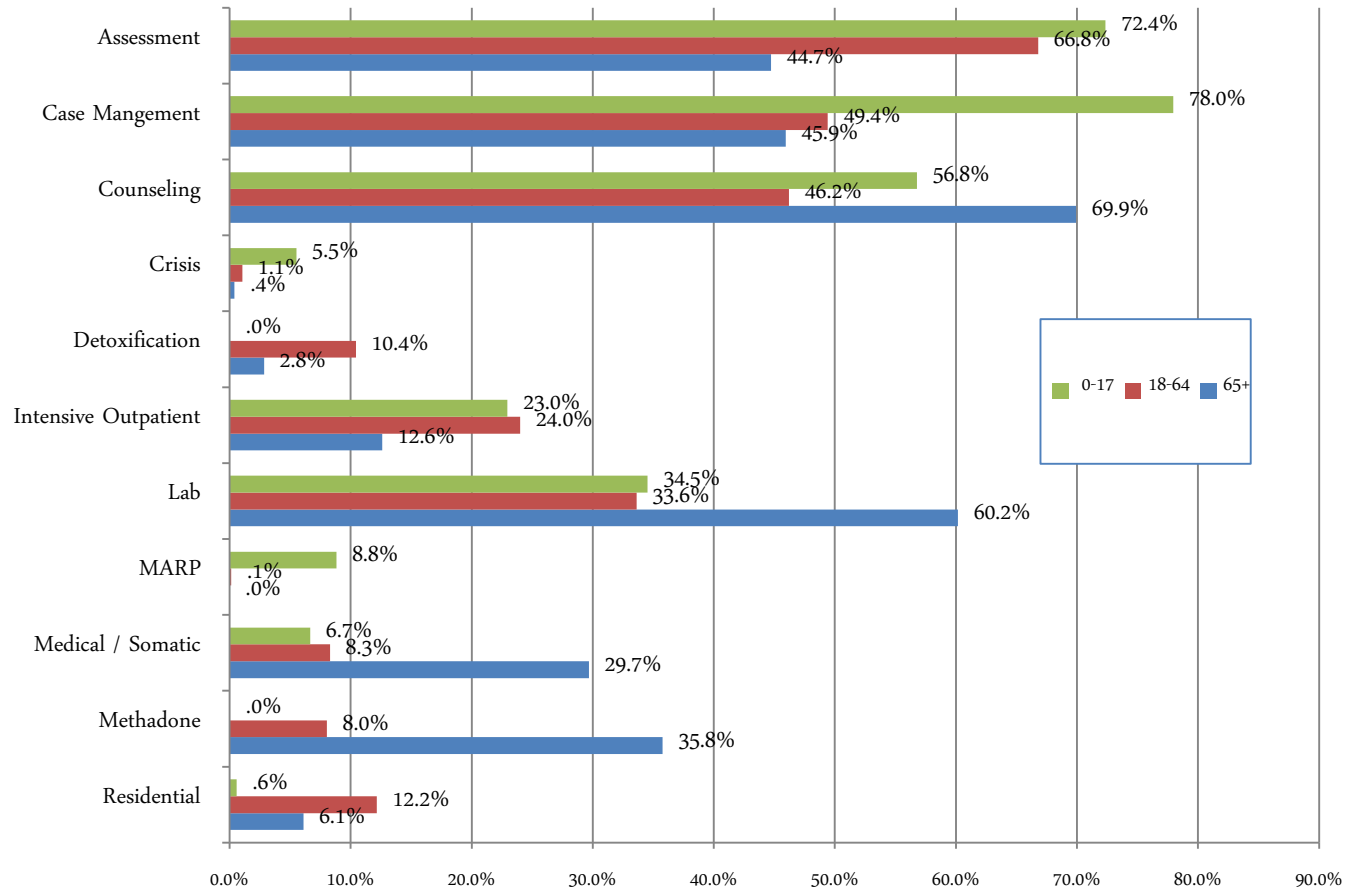
Cuyahoga County, FY 2007– FY 2009 Average



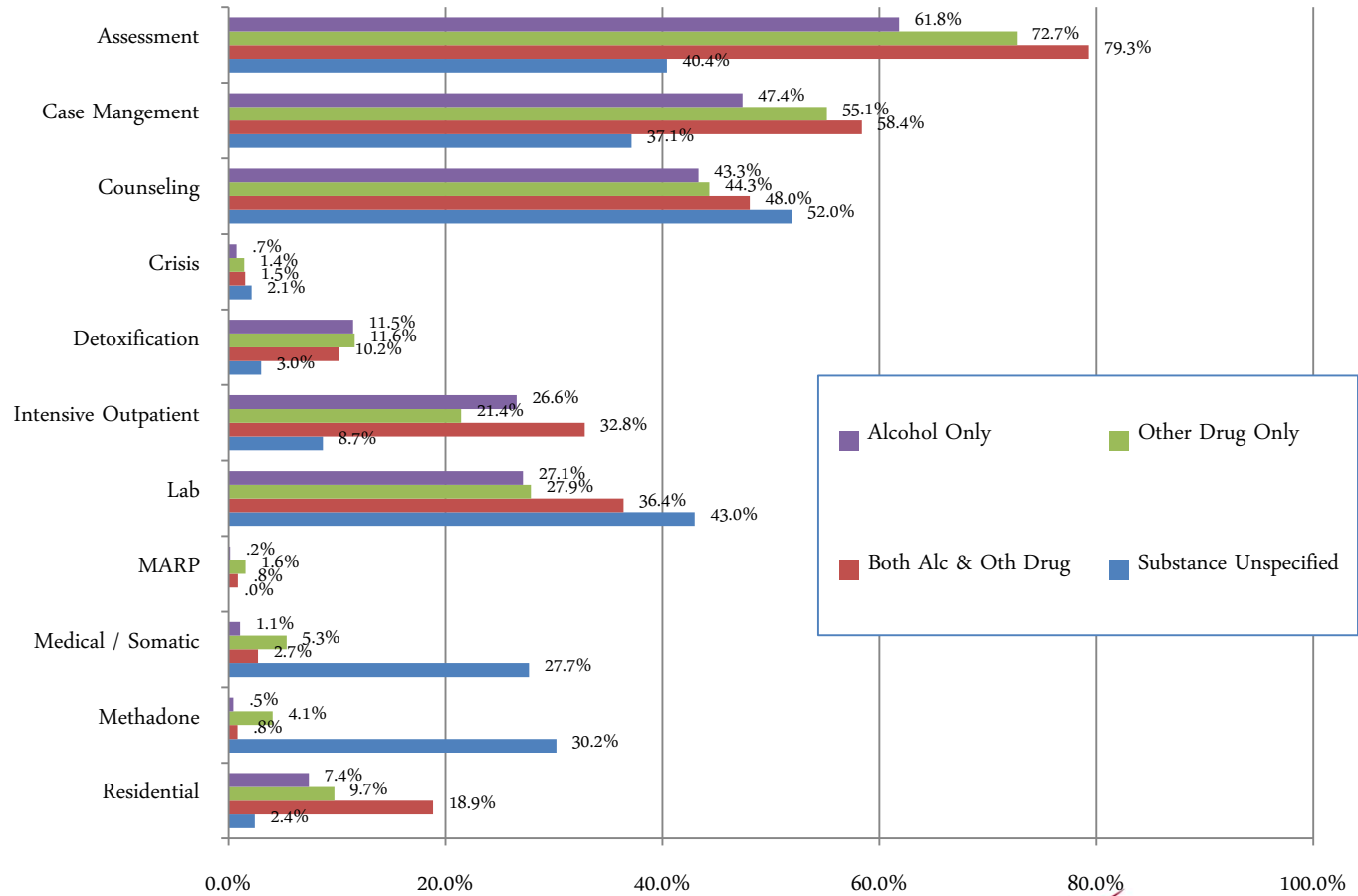
Alcohol / Drug Addiction Services Received

Alcohol/Drug Services Received by Age of Consumer

Cuyahoga County, FY 2007– FY 2010 Average



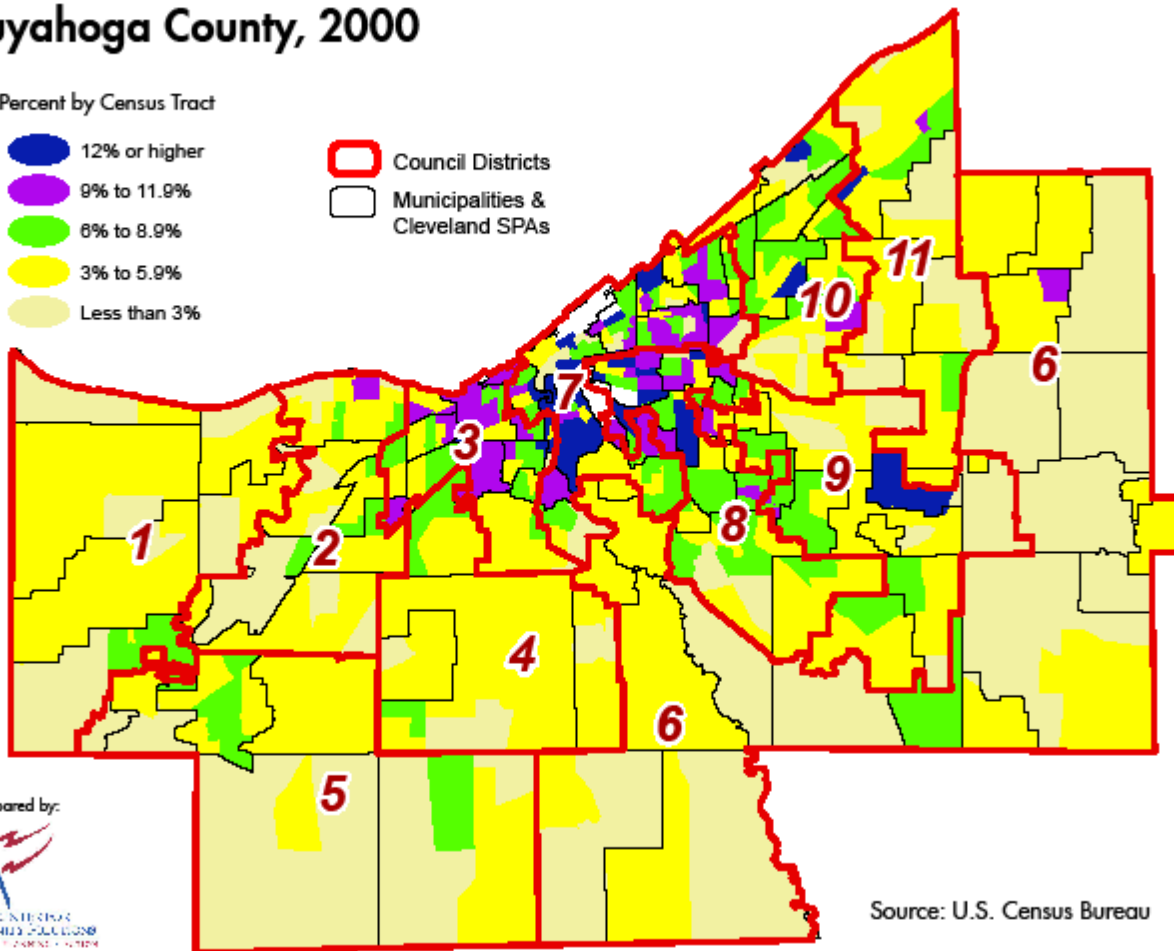
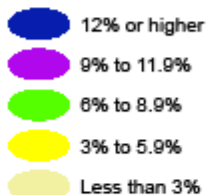
Alcohol/Drug Services Received By Consumer's Substance Behavior Cuyahoga County, FY 2007– FY 2010 Average



Geographic Distribution of Persons in Need and Consumers

Percent of Population With A Mental Disability Cuyahoga County, 2000

Percent by Census Tract



Prepared by:

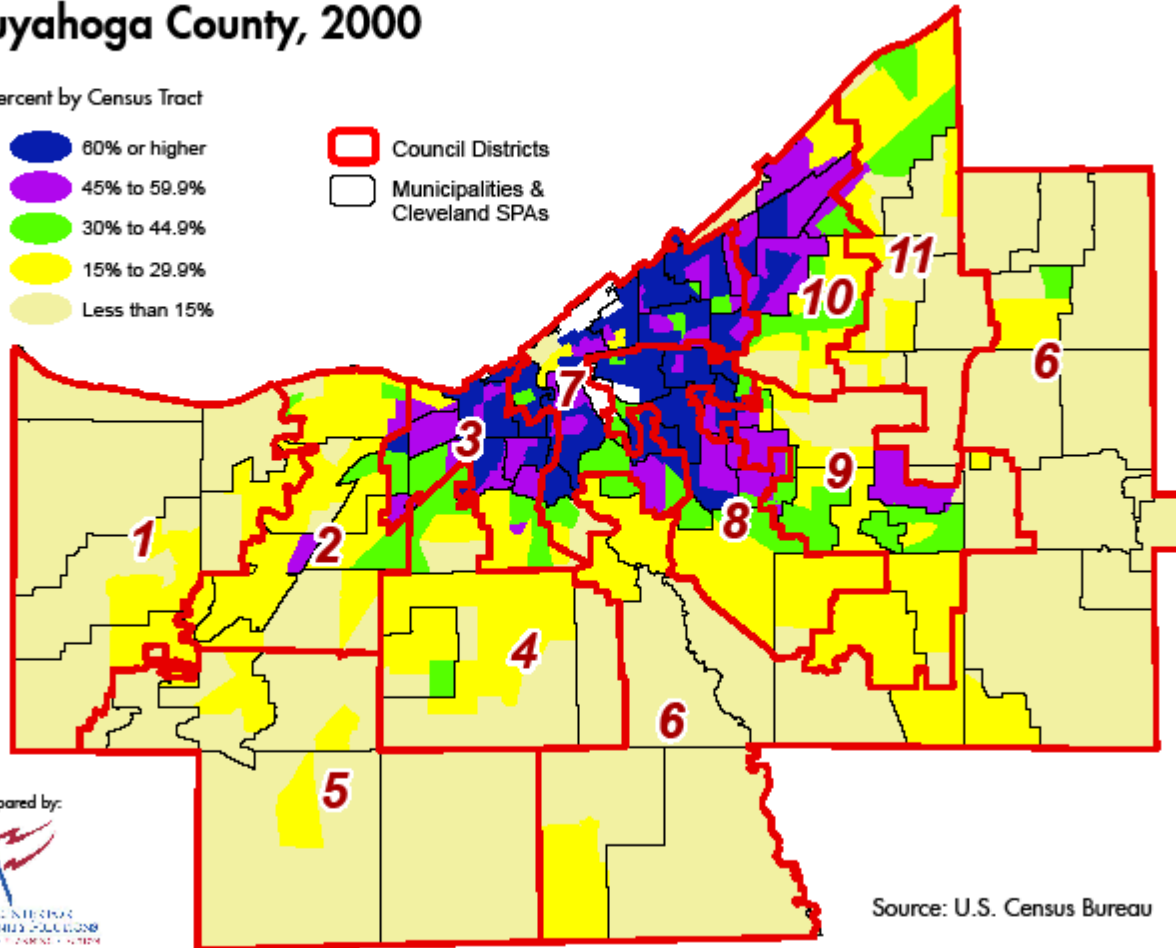
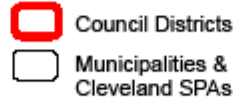
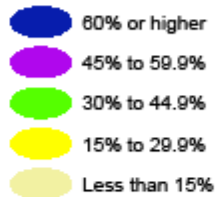


Source: U.S. Census Bureau

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Percent of Population Below 200% of Poverty Cuyahoga County, 2000

Percent by Census Tract



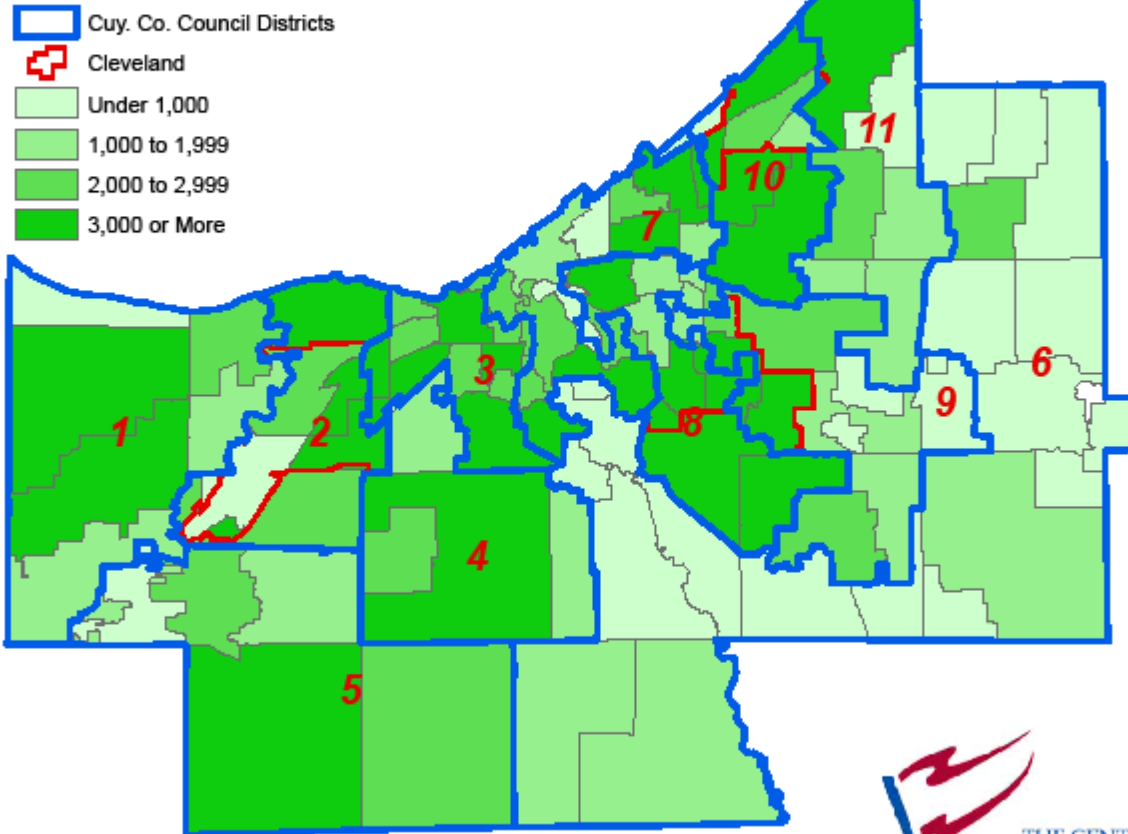
Prepared by:



Source: U.S. Census Bureau

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Estimated Number of Persons with Moderate to Serious Mental Disorders Ages 5 and Over, All Income Levels, 2006-08 Average

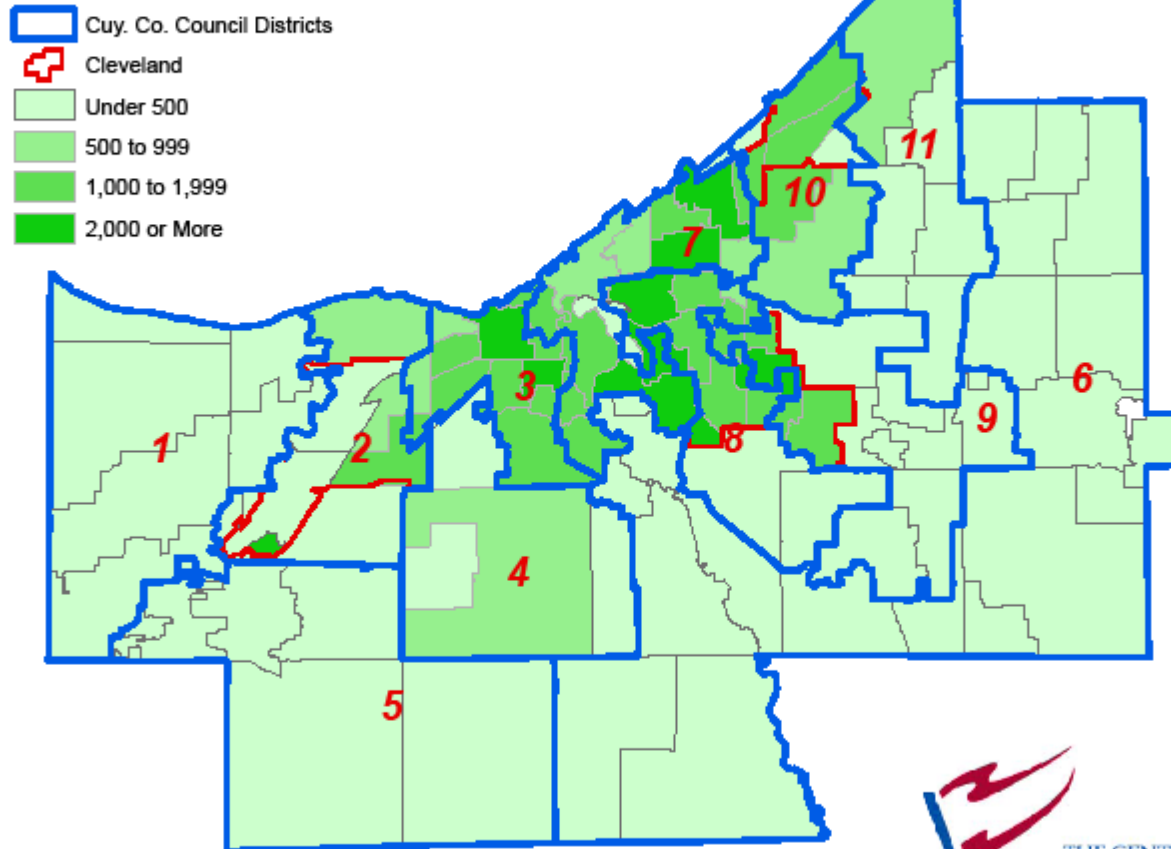


Sources: National Institute of Mental Health,
U.S. Census Bureau



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Estimated Number of Persons with Moderate to Serious Mental Disorders Ages 5 and Over, Below 200% FPL, 2006-08 Average



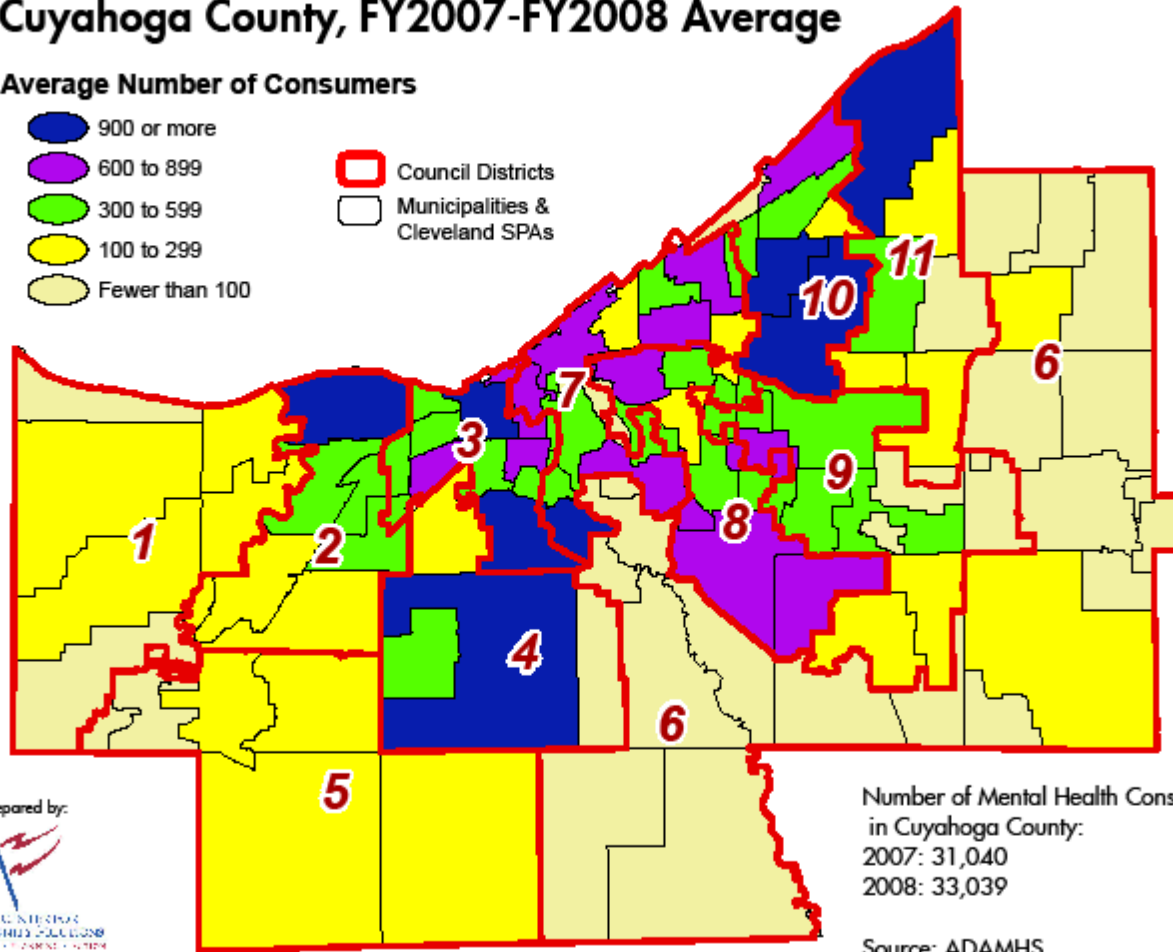
Sources: National Institute of Mental Health,
U.S. Census Bureau



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ADAMHS Mental Health Consumers Cuyahoga County, FY2007-FY2008 Average

Average Number of Consumers



Prepared by:



Number of Mental Health Consumers
in Cuyahoga County:
2007: 31,040
2008: 33,039

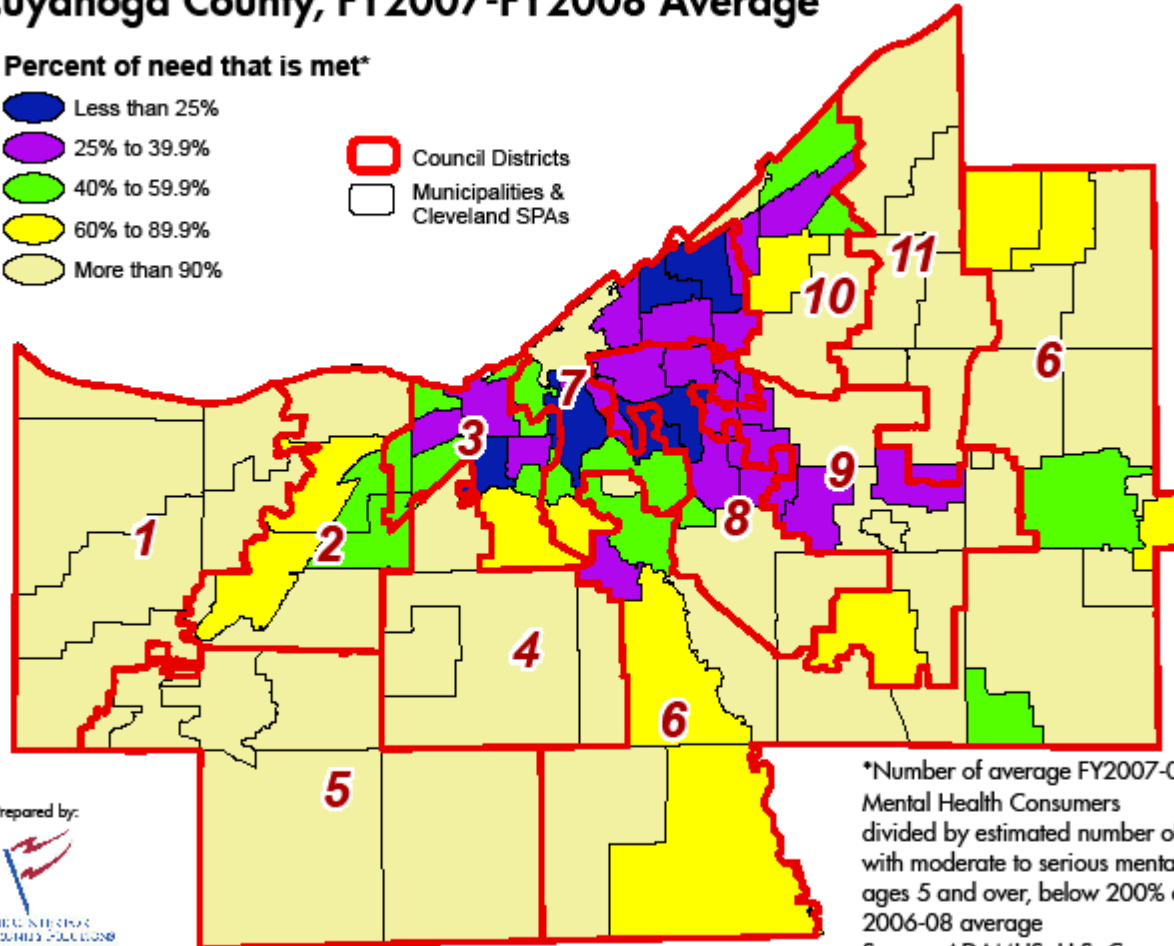
Source: ADAMHS

ADAMHS Mental Health Consumers Met Need Cuyahoga County, FY2007-FY2008 Average

Percent of need that is met*

- Less than 25%
- 25% to 39.9%
- 40% to 59.9%
- 60% to 89.9%
- More than 90%

- Council Districts
- Municipalities & Cleveland SPAs



Prepared by:

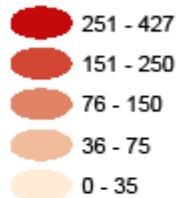


*Number of average FY2007-08 Mental Health Consumers divided by estimated number of persons with moderate to serious mental disorders ages 5 and over, below 200% of poverty, 2006-08 average
Source: ADAMHS, U.S. Census Bureau, National Institute of Mental Health

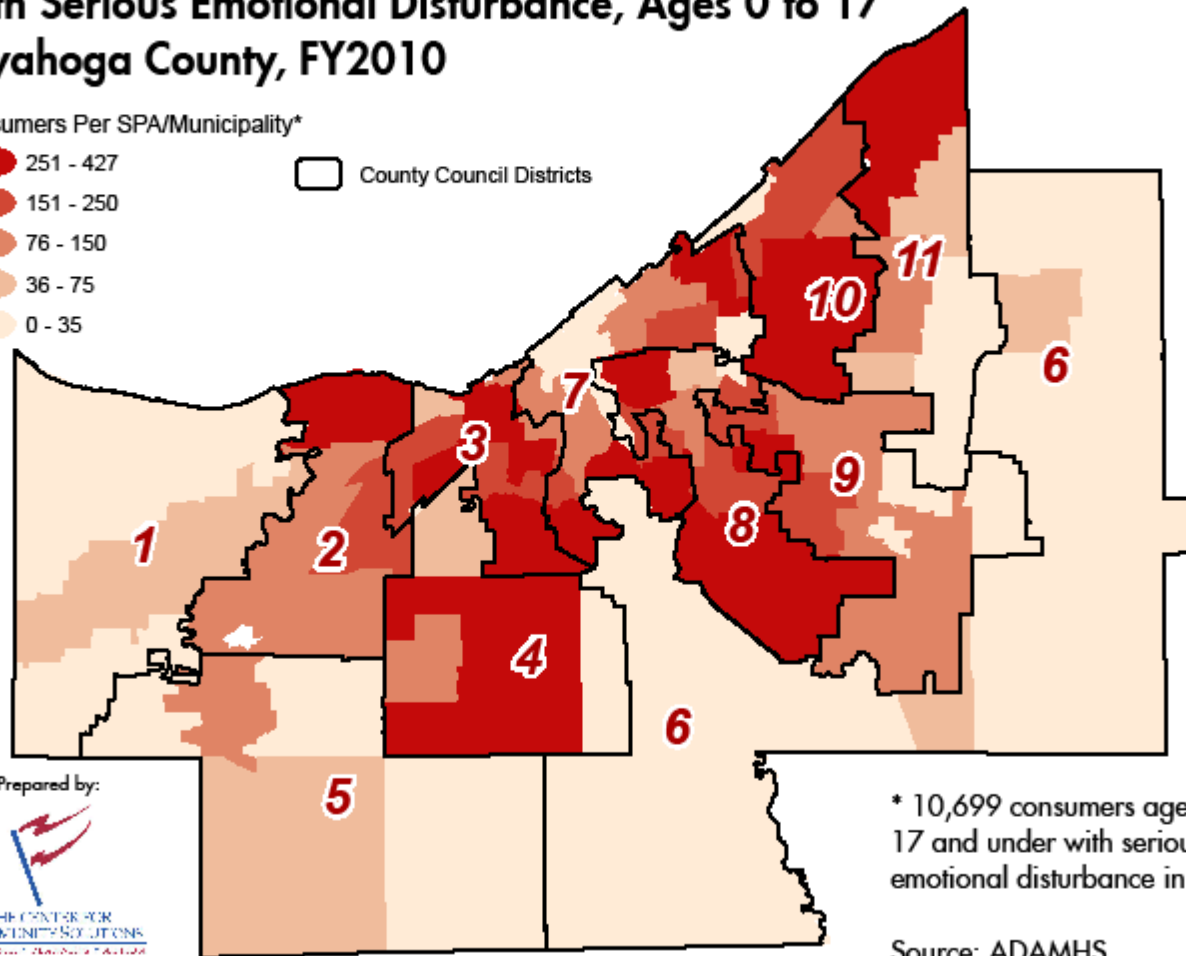
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ADAMHS Mental Health Consumers With Serious Emotional Disturbance, Ages 0 to 17 Cuyahoga County, FY2010

Consumers Per SPA/Municipality*



County Council Districts



Prepared by:



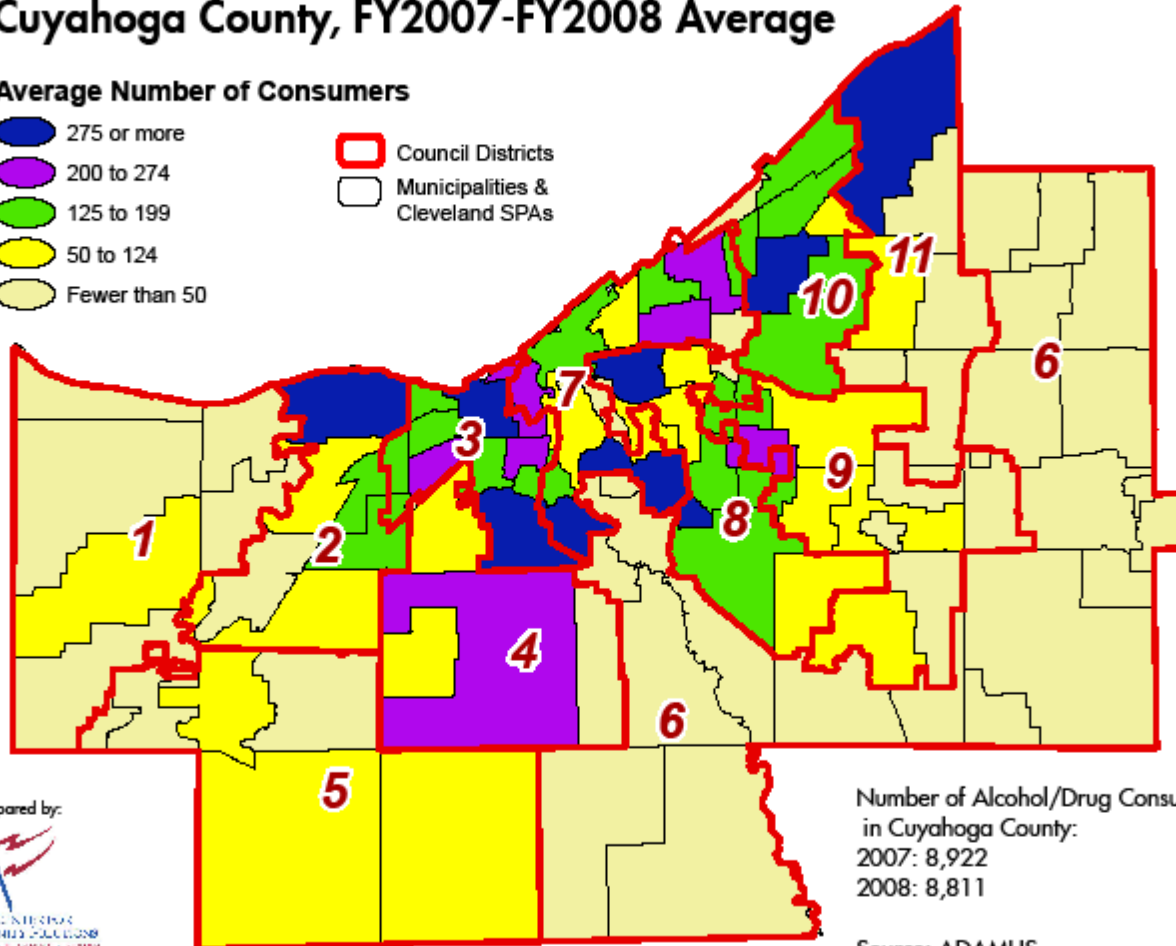
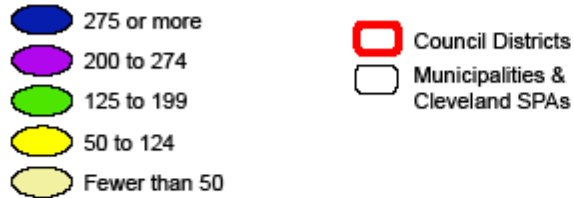
* 10,699 consumers ages 17 and under with serious emotional disturbance in 2010.

Source: ADAMHS

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ADAMHS Alcohol/Drug Consumers Cuyahoga County, FY2007-FY2008 Average

Average Number of Consumers



Prepared by:



Number of Alcohol/Drug Consumers
 in Cuyahoga County:
 2007: 8,922
 2008: 8,811

Source: ADAMHS

Additional Research

By the Numbers:
Developing a Common
Understanding for the Future
of Behavioral Health Care.

JANUARY 2011



By the Numbers:
Developing a Common
Understanding for the Future
of Behavioral Health Care.

January, 2011

Prepared by:

The Mental Health Advocacy Coalition and
The Center for Community Solutions

http://www.communitysolutions.com/assets/1/Page/MHAC_StudyDoc_012011.pdf

