Behavioral Health Profile

Carroll County

May 2014

Behavioral Health Epidemiology Workgroup

Located in Central Missouri, Carroll County has a population of 9,127. Among Missouri's 114 counties plus the city of St. Louis, Carroll County ranks 93 in terms of population. Carroll County's unemployment rate in 2013 was 6.5%. This was higher than the statewide unemployment rate of 6.5%. In 2012, the poverty rate was 16.3% which was higher than the statewide poverty rate of 16.2%. The median income of the county was $41,139.

Substance Use and Abuse in Carroll County

The availability of county-level data on substance use and abuse is limited. The Missouri Student Survey can provide estimates for youth in most Missouri counties. This survey is administered in even-numbered years to 6th through 12th grade students in participating school districts.

Healthy People 2020, a set of federal goals, has established objectives to reduce tobacco initiation and use by adolescents and adults. In Carroll County, 48.1% of youth believe that it would be easy to get cigarettes and 47.1% have friends who smoke.

Youth who use alcohol are at greater risk of developing abuse problems later in life. An estimated 61.9% of youth in Carroll County believe that it would be easy to get alcohol and 61.7% have friends who drink alcohol.

Marijuana use is of increasing concern across the state. In 2012, 28.8% of Carroll County youth said that marijuana is easy to get, 26.6% report having at least one friend that uses it and 11.0% said that smoking marijuana is 'no risk at all'.

In Carroll County, 12.9% of youth believe that it would be easy to get other drugs such as cocaine, methamphetamine, and ecstasy.

Substance Use Consequences in the County

Health: In 2011, Carroll County residents had a total of 15 alcohol-related and 22 drug-related hospitalizations. In addition there were 33 alcohol-related and 21 drug-related ER visits that did not include a hospital stay.

Treatment: In 2012, 25.2% of mothers in Carroll County reported smoking during their pregnancy. This is a decrease from 2011 (34.4%).

Current Substance Use for Grades 6 - 12, 2012 data

	30 Day Use County	30 Day Use Missouri	Age of First Use County
Cigarettes	14.9%	10.6%	11.89
Alcohol	24.0%	16.9%	12.15
Binge*	13.9%	9.6%	N/A
Marijuana	5.2%	8.6%	13.58
Inhalants	0.6%	2.3%	11.42
RX Abuse	2.6%	4.7%	unknown
OTC Abuse	1.3%	3.5%	unknown
Synthetic	0.6%	2.9%	unknown

Current Substance Use for Ages 18+ in the Central Region, 2008-10 data

	30 Day Use Region	30 Day Use Missouri
Cigarettes	30.6%	28.5%
Alcohol	54.7%	54.2%
Binge**	26.8%	25.3%
Marijuana	5.7%	6.0%
Illicit Drug excluding MJ	2.7%	2.8%

*5+ drinks on a single occasion in last 2 weeks.
**5+ drinks on a single occasion in last 30 days.

Red underlined is higher than state average.

Substance Abuse Treatment in Carroll County

Total	60
Alcohol Primary	32
Marijuana Primary	8

Law Enforcement: In 2012, Carroll County had 26 DWI arrests, 2 liquor law violations and 6 drug-related arrests. Carroll County had 0 methamphetamine laboratory seizures in 2012 and 0 in 2013. The manufacture of methamphetamine has been particularly problematic for rural Missouri. Specifically, labs tend to be clustered primarily in the counties surrounding St. Louis and secondarily in the southwest and southeast areas of the state.

Traffic Crashes in Carroll County

Alcohol-related traffic crashes increased in the last year (from 12 in 2011 to 14 in 2012). Alcohol-related crashes are more likely to produce fatalities and injuries compared to non-alcohol-related crashes.

2012 Number of Alcohol-Related Crashes by Severity			
Total Crashes	Fatal Crash	Crash w/ Injury	Crash w/ Property Damage
14	0	5	9

2012 Number of People Injured / Killed in Alcohol and Drug-Related Crashes			
Alcohol Fatalities	Alcohol Injuries	Drug Fatalities	Drug Injuries
0	9	0	1

Mental Health in Carroll County

Individuals struggling with serious mental illness are at higher risk for homicide, suicide, and accidents as well as chronic conditions including cardiovascular and respiratory diseases and substance abuse disorders. In state fiscal year 2013, 128 Carroll County residents received treatment for serious mental illness at publicly-funded facilities. See table for details. While there is data on those who receive treatment, data on mental health in the general population is very limited. This is especially true at the local level.

In Central Missouri, 22.2% of those 18 and older had a mental illness in the past year with 5.2% having a serious mental illness. Serious mental illness is defined as any of the mental disorders asked about and 'these disorders resulted in substantial impairment in carrying out major life activities'.

Approximately 7.2% of Central Missouri residents ages 18+ had at least one major depressive episode in the past year. A major depressive episode is characterized by an extended period of depressed mood, loss of interest or pleasure, and impaired functioning. Typically females are more likely to report having had a major depressive episode.

Students (6th-12th grade) in the county were asked about their mental health. 11.7% had considered suicide in the last year, 7.8% made a plan, and 0.7% actually attempted, resulting in an injury. In 2012, 1 Carroll County residents committed suicide. Nationally, males are about four times more likely to commit suicide than females. Older males have higher rates of suicide than younger males.

Comprehensive Psychiatric Services Numbers Served in Carroll County

	FY2012	FY2013
Total	135	128
Adjustment Disorder	*	0
Anxiety Disorder	64	50
Developmental Disorder	*	*
Impulse Control Disorder	12	14
Mood Disorder	104	76
Psychotic Disorder	10	10

These numbers indicate the number of clients seen with each diagnosis per year. An individual client may have more than one admission within a year.
*Counts under 5 suppressed to protect identities

Developed with support from the Missouri Division of Behavioral Health and the Substance Abuse and Mental Health Services Administration.
For more information: http://dmh.mo.gov/ada/mobhew