Behavioral Health Profile

Bollinger County

May 2014

Behavioral Health Epidemiology Workgroup

Located in Southeast Missouri, Bollinger County has a population of 12,490. Among Missouri's 114 counties plus the city of St. Louis, Bollinger County ranks 79 in terms of population. Bollinger County's unemployment rate in 2013 was 7.0%. This was higher than the statewide unemployment rate of 6.5%. In 2012, the poverty rate was 19.2% which was higher than the statewide poverty rate of 16.2%. The median income of the county was $37,664.

Substance Use and Abuse in Bollinger 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 Bollinger County, 47.8% of youth believe that it would be easy to get cigarettes and 38.9% have friends who smoke.

Youth who use alcohol are at greater risk of developing abuse problems later in life. An estimated 47.2% of youth in Bollinger County believe that it would be easy to get alcohol and 45.0% have friends who drink alcohol.

Marijuana use is of increasing concern across the state. In 2012, 22.8% of Bollinger County youth said that marijuana is easy to get, 20.1% report having at least one friend that uses it and 12.2% said that smoking marijuana is 'no risk at all'.

In Bollinger County, 9.6% 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, Bollinger County residents had a total of 40 alcohol-related and 36 drug-related hospitalizations. In addition there were 28 alcohol-related and 31 drug-related ER visits that did not include a hospital stay.

Treatment: In 2012, 21.2% of mothers in Bollinger County reported smoking during their pregnancy. This is an increase from 2011 (13.8%).

Current Substance Use for Grades 6 - 12, 2012 data

	30 Day Use County	30 Day Use Missouri	Age of First Use County
Cigarettes	13.8%	10.6%	12.28
Alcohol	14.4%	16.9%	12.11
Binge*	6.5%	9.6%	N/A
Marijuana	4.4%	8.6%	13.36
Inhalants	1.7%	2.3%	12.86
RX Abuse	6.0%	4.7%	unknown
OTC Abuse	1.7%	3.5%	unknown
Synthetic	2.2%	2.9%	unknown

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

	30 Day Use Region	30 Day Use Missouri
Cigarettes	33.5%	28.5%
Alcohol	47.3%	54.2%
Binge**	25.2%	25.3%
Marijuana	4.7%	6.0%
Illicit Drug excluding MJ	2.6%	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 Bollinger County

Total	119
Alcohol Primary	48
Marijuana Primary	28

Law Enforcement: In 2012, Bollinger County had 53 DWI arrests, 17 liquor law violations and 14 drug-related arrests. Bollinger County had 0 methamphetamine laboratory seizures in 2012 and 3 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 Bollinger County

Alcohol-related traffic crashes decreased in the last year (from 143 in 2011 to 25 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
25	3	12	10

2012 Number of People Injured / Killed in Alcohol and Drug-Related Crashes

Alcohol Fatalities	Alcohol Injuries	Drug Fatalities	Drug Injuries
3	13	0	4

Mental Health in Bollinger 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, 453 Bollinger 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 Southeast Missouri, 21.5% of those 18 and older had a mental illness in the past year with 5.9% 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 7.3% of Southeast 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. 10.4% had considered suicide in the last year, 7.2% made a plan, and 0.6% actually attempted, resulting in an injury. In 2012, 4 Bollinger 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 Bollinger County

	FY2012	FY2013
Total	548	453
Adjustment Disorder	46	20
Anxiety Disorder	46	29
Developmental Disorder	0	*
Impulse Control Disorder	62	36
Mood Disorder	283	176
Psychotic Disorder	78	57

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