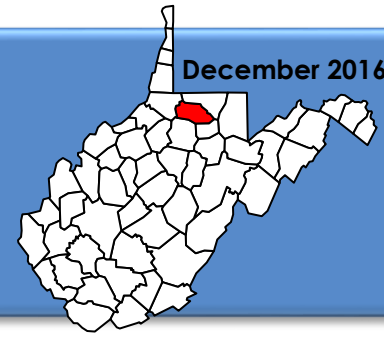


# MARION COUNTY

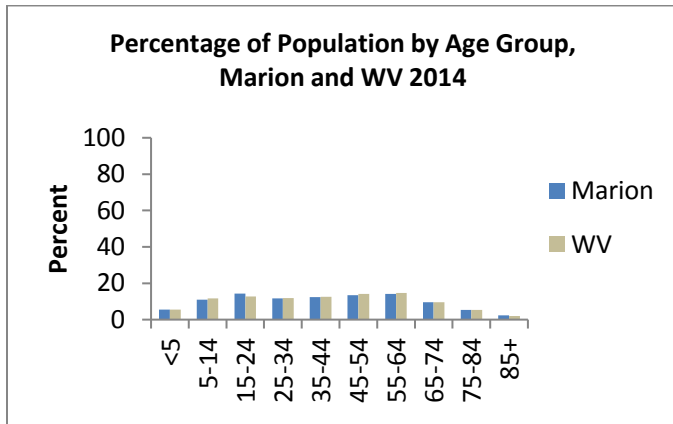


## Behavioral Health Epidemiological County Profile

### Demographic Data

		Marion	WV
<b>Population</b>		56,698	1,853,881
<b>Race</b>	White	94.2%	93.6%
	Black	3.6%	3.2%
	Other	2.2%	3.2%
<b>Median age</b>		41.3	41.6
<b>Labor force*</b>		57.7%	54.3%
<b>Median household income*</b>		54,785	41,576
<b>Income below poverty level*</b>		12.1%	13.1%
<b>High school graduate or higher*</b>		88.4%	84.4%
<b>Civilian veterans*</b>		10.9%	10.6%

Source: US Census Bureau, 2014 population estimates, \*American Community Survey (2010-2014)



Population by Age Group 2014				
Age	Marion		WV	
	#	%	#	%
<5	3,196	5.6%	103,044	5.6%
5-14	6,180	10.9%	214,204	11.6%
15-24	8,147	14.4%	238,019	12.8%
25-34	6,617	11.7%	219,567	11.8%
35-44	7,057	12.4%	233,375	12.6%
45-54	7,612	13.4%	263,350	14.2%
55-64	8,024	14.2%	270,697	14.6%
65-74	5,405	9.5%	175,725	9.5%
75-84	3,080	5.4%	98,022	5.3%
85+	1,380	2.4%	37,878	2.0%

Source: US Census Bureau, 2014 population estimates

### Adult Behavioral Health Risk Factors: 2010-2014

Indicator	Marion	WV	Rank in WV*
Fair/Poor Health	22.1%	25.0%	43
No Health Insurance (ages 18-64)	24.3%	21.5%	17
No Leisure Time Physical Activity	27.8%	31.8%	46
Obesity	30.7%	34.0%	48
Diabetes	10.7%	12.8%	44
Cardiovascular Disease	12.4%	13.3%	32
Current Asthma	12.0%	9.3%	10
Disability	26.6%	29.0%	38
Arthritis	31.9%††	36.9%	49
Cancer	11.2%	12.3%	42
Depression	19.8%	21.6%	35

Source: WV Health Statistics Center, Behavioral Risk Factor Surveillance System

\*There are 55 counties in West Virginia; 1<sup>st</sup> highest rate and 55<sup>th</sup> lowest rate.

Significance: † Indicates county was significantly higher than state. †† Indicates state was significantly higher than county. § Indicates unreliable prevalence estimate - use caution when reporting and interpreting.

#### INSIDE

Alcohol Consumption	2
Alcohol Risk & Protective Factors	2
Alcohol Consequences	3
Tobacco Consumption	3
Tobacco Risk & Protective Factors	4
Tobacco Consequences	4
Drug Consumption	4
Drug Risk & Protective Factors	5
Drug Consequences	6
Mental Health	6

## Alcohol Consumption

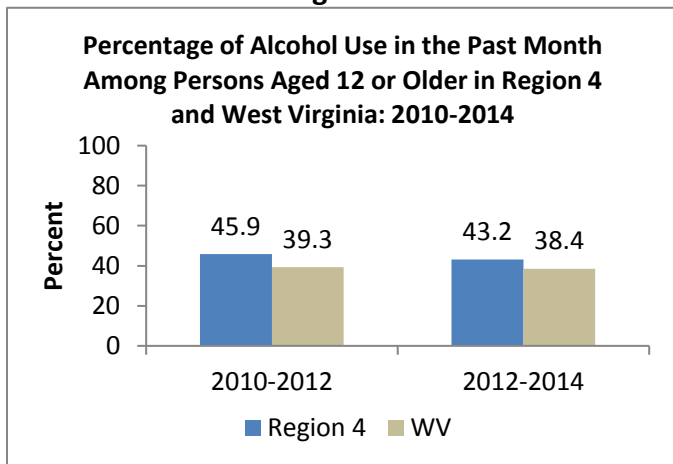
### Alcohol Use Among Adults: 2010-2014

Indicator	Marion	WV	Rank in WV*
Binge Drinking	9.8%	10.0%	21

Source: WV Health Statistics Center, Behavioral Risk Factor Surveillance System

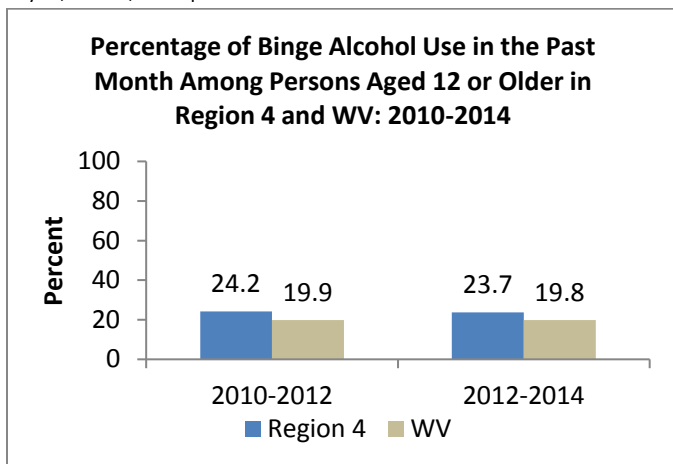
\*There are 55 counties in West Virginia; 1<sup>st</sup> highest rate and 55<sup>th</sup> lowest rate.

### Alcohol Use Among Persons 12 and Older



Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health (NSDUH), 2010, 2011, 2012, 2013, and 2014 (2010 Data - Revised March 2012)

Note: Region 4 is made up of the following counties: Barbour, Braxton, Doddridge, Gilmer, Harrison, Lewis, Marion, Monongalia, Preston, Randolph, Taylor, Tucker, and Upshur.



Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)

Note: Binge Alcohol Use is defined as drinking five or more drinks on the same occasion (i.e., at the same time or within a couple of hours of each other) on at least 1 day in the past 30 days. See previous definition of Region 4.

### Underage Drinking (Those Aged 12-20)

#### Alcohol Use in the Past Month Among Persons Aged 12 to 20 in Region 4 and WV: 2010-2014

	2010-2012	2012-2014
Region 4	37.1%	31.0%
WV	26.2%	22.2%

#### Binge Alcohol Use in the Past Month Among Persons Aged 12 to 20 in Region 4 and WV: 2010-2014

	2010-2012	2012-2014
Region 4	31.0%	25.5%
WV	20.1%	17.3%

Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)

Note: See previous definition for binge drinking among persons 12 and older. See previous definition of Region 4.

## Alcohol Risk & Protective Factors

#### Perceptions of Great Risk of Having Five or More Drinks of an Alcoholic Beverage Once or Twice a Week Among Persons Aged 12 or Older in Region 4 and WV: 2010-2014

	2010-2012	2012-2014
Region 4	40.9%	40.0%
WV	41.4%	41.6%

#### Alcohol Dependence or Abuse in the Past Year Among Persons Aged 12 or Older in Region 4 and WV: 2010-2014

	2010-2012	2012-2014
Region 4	7.5%	6.8%
WV	5.6%	6.2%

#### Alcohol Dependence in the Past Year Among Persons Aged 12 or Older in Region 4 and WV: 2010-2014

	2010-2012	2012-2014
Region 4	3.8%	3.6%
WV	3.0%	3.1%

#### Needing But Not Receiving Treatment for Alcohol Use in the Past Year Among Persons Aged 12 or Older in Region 4 and WV: 2010-2014

	2010-2012	2012-2014
Region 4	7.3%	6.4%
WV	5.3%	5.9%

Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)

Note: Dependence or abuse is based on definitions found in the 4th edition of the Diagnostic and Statistical Manual of Mental Disorders (DSM-IV). Needing But Not Receiving Treatment refers to respondents classified as needing treatment for alcohol, but not receiving treatment for an alcohol problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], and mental health centers). See previous definition of Region 4.

## Alcohol Related Consequences

### 2013 Morbidity Rates per 10,000 Discharges

	Marion	WV	Rank in WV*
Alcohol Related Diagnosis	495.6	332.2	7
Alcohol Dependence Diagnosis	601.1	176.3	6

Source: WV Health Care Authority

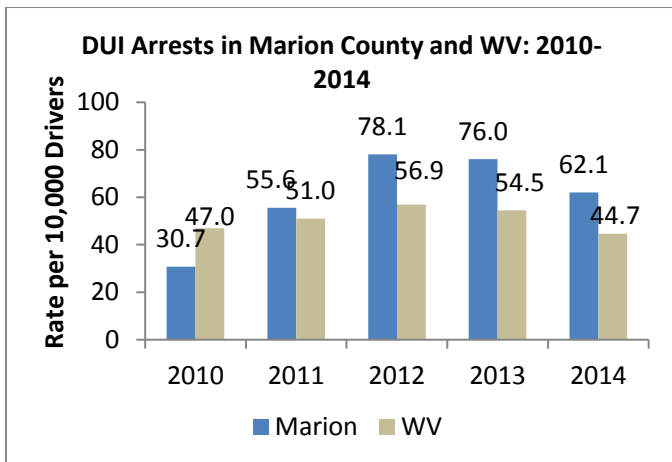
\*There are 55 counties in West Virginia; 1<sup>st</sup> highest rate and 55<sup>th</sup> lowest rate.

### 2010-2014 Mortality Rates per 100,000 population

	Marion	WV	Rank in WV*
Chronic Liver-Cirrhosis	10.6	15.1	42

Source: WV Health Statistics Center, Vital Statistics System

\*There are 55 counties in West Virginia; 1<sup>st</sup> highest rate and 55<sup>th</sup> lowest rate.



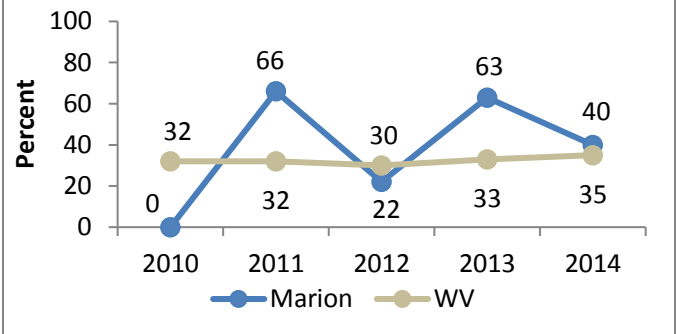
### DUI Arrests in Marion County and WV: 2010-2014

	2010	2011	2012	2013	2014
<b>Marion</b>					
Number of DUI arrests	134	244	342	332	261
DUI rate per 10,000 drivers	30.7	55.6	78.1	76.0	62.1
<b>WV</b>					
Number of DUI arrests	6,141	6,705	7,443	7,130	5,834
DUI rate per 10,000 drivers	47.0	51.0	56.9	54.5	44.7

Source: WV State Police UCR Section

Note: The DUI arrest data should be interpreted with caution due to the fact that not all law enforcement agencies have reported their DUI arrests (approximately 100 agencies are missing from this dataset).

### Percentage of Total Killed in Crashes with Driver Blood Alcohol Concentration (BAC) of .01+ for Marion County and WV: 2010-2014



Source: National Highway Traffic Safety Administration (NHTSA), Fatality Analysis Reporting System (FARS)

Note: NHTSA estimates alcohol involvement when alcohol test results are unknown.

## Tobacco Consumption

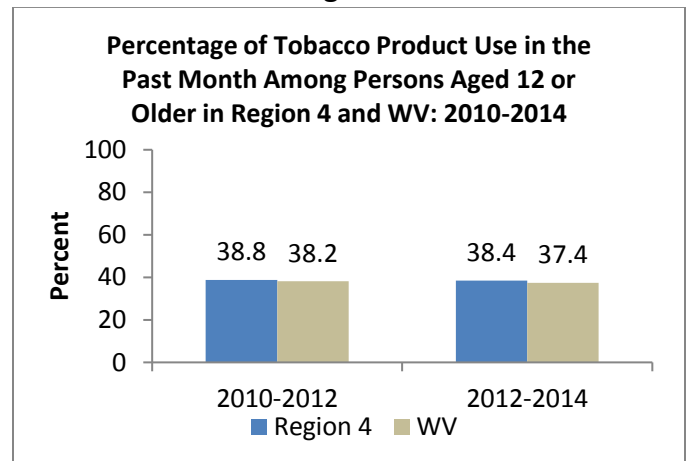
### Tobacco Use Among Adults: 2010-2014

Indicator	Marion	WV	Rank in WV*
Cigarette smoking	25.1%	27.5%	41

Source: WV Health Statistics Center, Behavioral Risk Factor Surveillance System

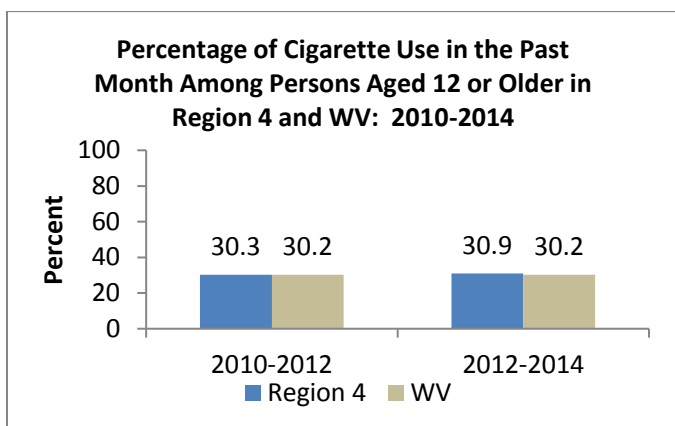
\*There are 55 counties in West Virginia; 1<sup>st</sup> highest rate and 55<sup>th</sup> lowest rate.

### Tobacco Use Among Persons 12 and Older



Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)

Note: Tobacco products include cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco. See previous definition of Region 4.



Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)  
 Note: See previous definition of Region 4.

## Tobacco Risk & Protective Factors

### Perceptions of Great Risk of Smoking One or More Packs of Cigarettes Per Day Among Persons Aged 12 or Older in Region 4 and WV: 2010-2014

	2010-2012	2012-2014
<b>Region 4</b>	68.0%	63.5%
<b>WV</b>	66.5%	63.3%

Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)  
 Note: See previous definition of Region 4.

## Tobacco Consequences

### 2010-2014 Mortality Rates per 100,000 population

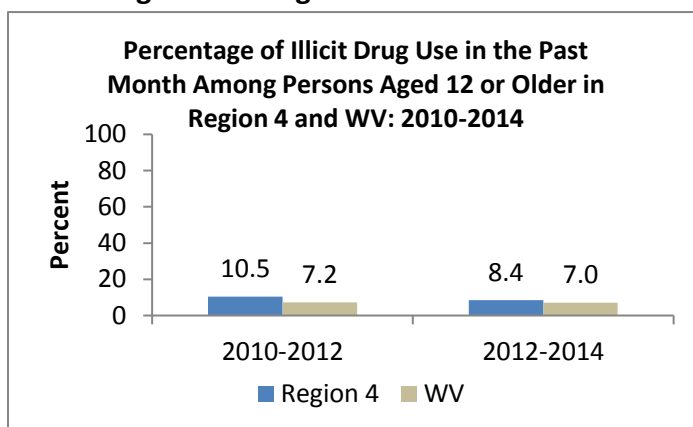
	Marion	WV	Rank in WV*
<b>Lung/Bronchus/Trachea Cancer</b>	80.8	80.2	33
<b>Chronic Obstructive Pulmonary Disease</b>	48.3††	81.9	53
<b>Cardiovascular Disease</b>	361.9	343.4	28

Source: WV Health Statistics Center, Vital Statistics System  
 \*There are 55 counties in West Virginia; 1<sup>st</sup> highest rate and 55<sup>th</sup> lowest rate.  
 Significance: † Indicates county was significantly higher than state. †† Indicates state was significantly higher than county.

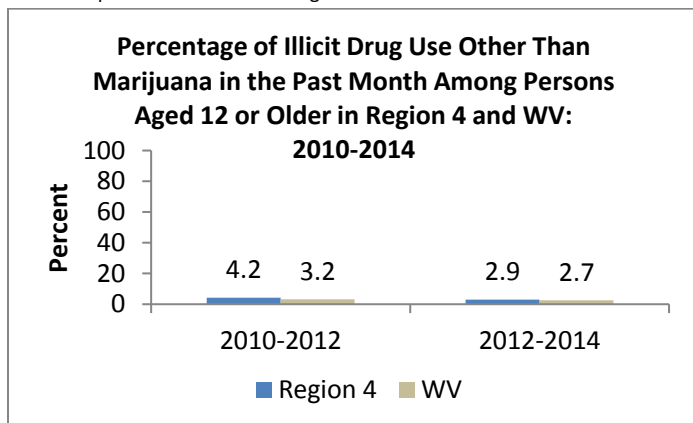


## Drug Consumption

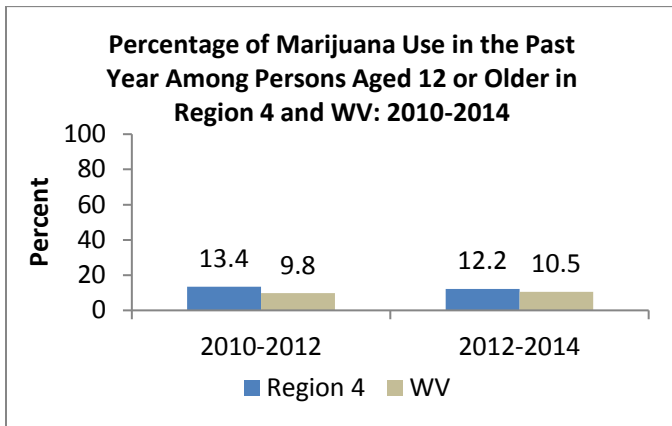
### Drug Use Among Persons 12 and Older



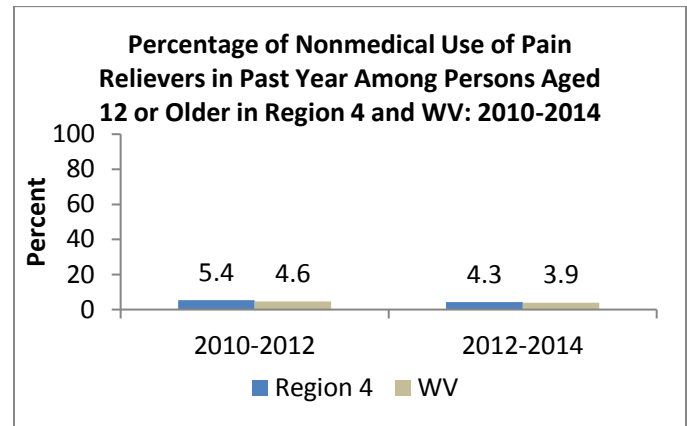
Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)  
 Note: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See previous definition of Region 4.



Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)  
 Note: Illicit Drugs Other Than Marijuana includes cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. See previous definition of Region 4.



Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)  
 Note: See previous definition of Region 4.



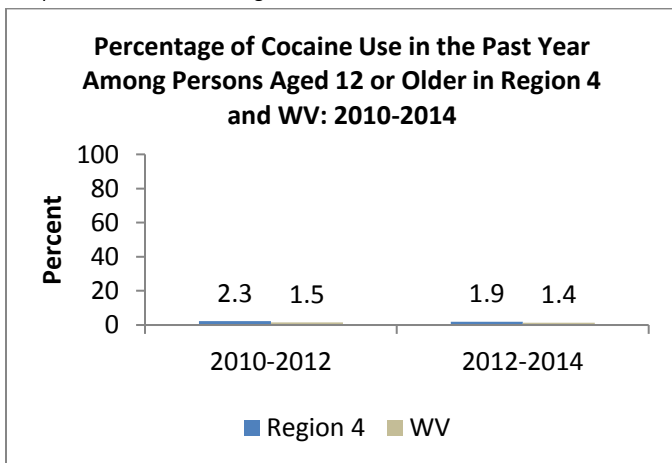
Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)  
 Note: See previous definition of Region 4.

	2010-2012	2012-2014
Region 4	8.2%	7.2%
WV	5.6%	5.8%

Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)  
 Note: See previous definition of Region 4.

	2010-2012	2012-2014
Region 4	2.4%	1.8%
WV	1.6%	1.4%

Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)  
 Note: Average annual marijuana initiation rate =  $100 * \{[X1 \div (0.5 * X1 + X2)] \div 2\}$ , where X1 is the number of marijuana initiates in the past 24 months and X2 is the number of persons who never used marijuana. Both of the computation components, X1 and X2, are based on a survey-weighted hierarchical Bayes estimation approach. The age group is based on a respondent's age at the time of the interview, not his or her age at first use. See previous definition of Region 4.



Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)  
 Note: See previous definition of Region 4.

## Drug Risk & Protective Factors

	2010-2012	2012-2014
Region 4	34.2%	31.0%
WV	37.1%	33.5%

	2010-2012	2012-2014
Region 4	3.4%	2.9%
WV	2.8%	2.8%

	2010-2012	2012-2014
Region 4	2.2%	2.1%
WV	2.1%	2.0%

	2010-2012	2012-2014
Region 4	3.0%	2.6%
WV	2.5%	2.5%

Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)  
 Note: Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically, including data from original methamphetamine questions but not including new methamphetamine items added in 2005 and 2006. Dependence or abuse is based on definitions found in the 4th edition of the Diagnostic and Statistical Manual of Mental Disorders (DSM-IV). Needing But Not Receiving Treatment refers to respondents classified as needing treatment for illicit drugs, but not receiving treatment for an illicit drug problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], and mental health centers). See previous definition of Region 4.



## Drug Consequences

### 2013 Morbidity Rates per 10,000 Discharges

	Marion	WV	Rank in WV*
Drug Related Diagnosis	378.9	441.5	9

Source: WV Health Care Authority

\*There are 55 counties in West Virginia; 1<sup>st</sup> highest rate and 55<sup>th</sup> lowest rate.

### 2010-2014 Mortality Rates per 100,000 population

	Marion	WV	Rank in WV*
Drug Overdose	10.2††	32.0	48

Source: WV Health Statistics Center, Vital Statistics System

\*There are 55 counties in West Virginia; 1<sup>st</sup> highest rate and 55<sup>th</sup> lowest rate.

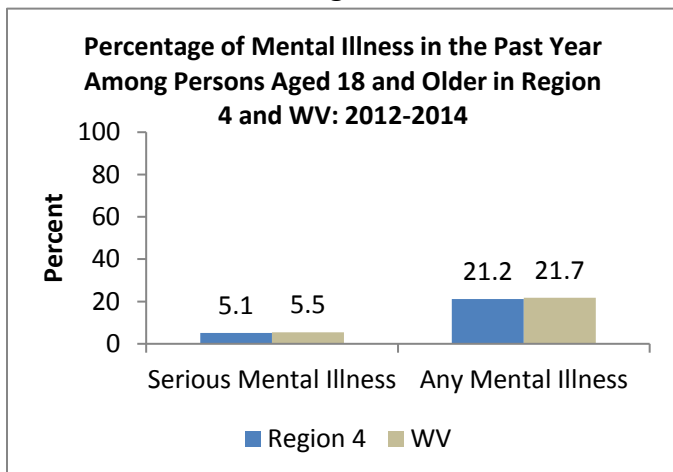
Significance: † Indicates county was significantly higher than state. ††

Indicates state was significantly higher than county.



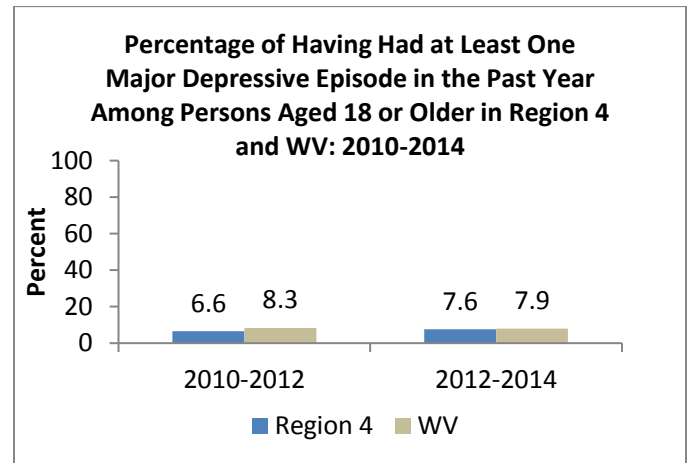
## Mental Health

### Mental Health Among Persons 18 and Older



Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)

Note: See previous definition of Region 4.



Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)

Note: See previous definition of Region 4.

## Suicide

### Had Serious Thoughts of Suicide in the Past Year Among Persons Aged 18 or Older in Region 4 and WV: 2010-2014

	2010-2012	2012-2014
Region 4	4.3%	4.2%
WV	4.6%	4.6%

Source: NSDUH, 2010-2014 (2010 Data - Revised March 2012)

Note: See previous definition of Region 4.

### 2010-2014 Mortality Rates per 100,000 population

	Marion	WV	Rank in WV*
Suicide	15.2	17.4	37

Source: WV Health Statistics Center, Vital Statistics System

\*There are 55 counties in West Virginia; 1<sup>st</sup> highest rate and 55<sup>th</sup> lowest rate.



## Homelessness

Reported Point-In-Time Sheltered Subpopulations in 2015				
	Marion		WV	
	#	%	#	%
Chronically Homeless	11	11.2%	226	16.1%
Veterans	2	2.0%	227	16.2%
Mental Illness	22	22.4%	410	29.2%
Chronic Substance Abuse	14	14.3%	301	21.5%
<b>Total Sheltered</b>	98		1,403	
Reported Point-In-Time Unsheltered Subpopulations in 2015				
	Marion		WV	
	#	%	#	%
Chronically Homeless	2	66.7%	160	37.0%
Veterans	1	33.3%	78	18.1%
Mental Illness	2	66.7%	198	45.8%
Chronic Substance Abuse	1	33.3%	154	35.6%
HIV/AIDS	0	0%	3	.70%
Domestic Violence	0	0%	66	15.3%
<b>Total Unsheltered</b>	3		432	

Source: West Virginia Coalition to End Homelessness, West Virginia Point in Time Count Statewide Report, January 2015

Note: The Point-in-Time Count is conducted during one night in the end of January for a count of all homeless persons. The unsheltered count of the homeless population is likely under reported and should be used with caution. Subpopulation data is not mutually exclusive. Comparing the total is not an accurate representation as one person may have all five characteristics, while some persons may only have one or fewer.

## Domestic Violence

### Individuals Served by the West Virginia Coalition Against Domestic Violence (WVCADV) by Shelter Status in Marion County in 2012

Shelter Status	Number
Sheltered	58
Non-sheltered	365

### Domestic Violence Survivors Served by WVCADV by Behavioral Health Status in Marion County in 2012

Behavioral Health Status	Number	Percent
Identified as having a mental disability	27	6.4%
Referred to a mental health provider	8	1.9%

### Domestic Violence Abusers Served by WVCADV by Behavioral Health Status in Marion County in 2012

Behavioral Health Status	Number	Percent
Substance abuse identified as contributing to abuse	248	31.1%
Referred to a mental health provider	*	*

Source: WV Coalition Against Domestic Violence

Note: All indicators are self-reported from the survivor.

\*Values based on 5 or fewer are suppressed to protect the confidentiality of the person.

For additional resources visit the West Virginia Department of Health and Human Resources, Bureau for Behavioral Health and Health Facilities (BBHFF) at:

[www.wvdhhr.org/bhhf](http://www.wvdhhr.org/bhhf)