

## WEST REGION

**Table 9. Selected Drug Use, Perceptions of Great Risk, Average Annual Marijuana Initiates, Past Year Substance Dependence or Abuse, Needing But Not Receiving Treatment, and Past Year Mental Health Measures in the West Region, by Age Group: Estimated Numbers (in Thousands), Annual Averages Based on 2009-2010 NSDUHs**

Measure	12+	12-17	18-25	26+	18+
<b>ILLCIT DRUGS</b>					
Past Month Illicit Drug Use <sup>1</sup>	6,134	673	1,883	3,578	5,461
Past Year Marijuana Use	7,861	925	2,664	4,272	6,936
Past Month Marijuana Use	4,804	487	1,605	2,713	4,317
Past Month Use of Illicit Drugs Other Than Marijuana <sup>1</sup>	2,330	292	694	1,345	2,038
Past Year Cocaine Use	1,230	70	471	689	1,160
Past Year Nonmedical Pain Reliever Use	3,188	408	906	1,874	2,780
Perception of Great Risk of Smoking Marijuana Once a Month	17,482	1,596	1,531	14,356	15,886
Average Annual Number of Marijuana Initiates <sup>2</sup>	691	339	302	50	352
<b>ALCOHOL</b>					
Past Month Alcohol Use	30,069	827	4,847	24,396	29,243
Past Month Binge Alcohol Use <sup>3</sup>	13,499	504	3,238	9,757	12,995
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	25,669	2,344	2,804	20,520	23,324
Past Month Alcohol Use (Persons Aged 12 to 20)	2,308 <sup>4</sup>	--	--	--	--
Past Month Binge Alcohol Use (Persons Aged 12 to 20) <sup>3</sup>	1,545 <sup>4</sup>	--	--	--	--
<b>TOBACCO PRODUCTS</b>					
Past Month Tobacco Product Use <sup>5</sup>	14,040	598	2,987	10,455	13,442
Past Month Cigarette Use	11,883	452	2,532	8,899	11,431
Perception of Great Risk of Smoking One or More Packs of Cigarettes per Day	42,914	3,888	5,522	33,504	39,026
<b>PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT<sup>6</sup></b>					
Illicit Drug Dependence <sup>1</sup>	1,180	158	462	560	1,022
Illicit Drug Dependence or Abuse <sup>1</sup>	1,791	297	671	823	1,494
Alcohol Dependence	2,220	121	551	1,548	2,098
Alcohol Dependence or Abuse	4,566	305	1,319	2,942	4,261
Alcohol or Illicit Drug Dependence or Abuse <sup>1</sup>	5,563	474	1,664	3,425	5,089
Needing But Not Receiving Treatment for Illicit Drug Use <sup>1,7</sup>	1,650	277	617	756	1,373
Needing But Not Receiving Treatment for Alcohol Use <sup>7</sup>	4,340	289	1,280	2,771	4,051
<b>PAST YEAR MENTAL HEALTH</b>					
Had at Least One Major Depressive Episode <sup>8,9</sup>	--	478	675	2,817	3,492
Serious Mental Illness <sup>9,10</sup>	--	--	645	1,892	2,537
Any Mental Illness <sup>9,11</sup>	--	--	2,484	8,155	10,639
Had Serious Thoughts of Suicide	--	--	520	1,523	2,043

-- Not available.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

<sup>1</sup> Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. Illicit Drugs Other Than Marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. These estimates include data from original methamphetamine questions but do not include new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

<sup>2</sup> Average annual number of marijuana initiates =  $X_1 \div 2$ , where  $X_1$  is the number of marijuana initiates in the past 24 months.

<sup>3</sup> 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.

<sup>4</sup> Underage drinking is defined for persons aged 12 to 20; therefore, the "Total" estimate reflects that age group and not persons aged 12 or older.

<sup>5</sup> Tobacco Products include cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

<sup>6</sup> Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*.

<sup>7</sup> Needing But Not Receiving Treatment refers to respondents classified as needing treatment for illicit drugs (or alcohol), but not receiving treatment for an illicit drug (or alcohol) problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], and mental health centers).

<sup>8</sup> Major depressive episode (MDE) is defined as in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, which specifies a period of at least 2 weeks when a person experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. There are minor wording differences in the questions in the adult and adolescent MDE modules. Therefore, data from youths aged 12 to 17 were not combined with data from persons aged 18 or older to get an overall estimate (12 or older).

<sup>9</sup> For more details, see Section A.11 in Appendix A of the report on *State Estimates of Substance Use and Mental Disorders from the 2009-2010 NSDUHs*.

<sup>10</sup> Serious mental illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a substance use disorder, that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)* and resulted in serious functional impairment in carrying out major life activities.

<sup>11</sup> Any mental illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a substance use disorder, that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, regardless of the level of impairment in carrying out major life activities.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2009 and 2010 (Revised March 2012).

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**Table 10. Selected Drug Use, Perceptions of Great Risk, Average Annual Rates of First Use of Marijuana, Past Year Substance Dependence or Abuse, Needing But Not Receiving Treatment, and Past Year Mental Health Measures in the West Region, by Age Group: Percentages, Annual Averages Based on 2009-2010 NSDUHs**

Measure	12+	12-17	18-25	26+	18+
<b>ILLCIT DRUGS</b>					
Past Month Illicit Drug Use <sup>1</sup>	10.48	11.49	23.24	8.03	10.37
Past Year Marijuana Use	13.44	15.81	32.87	9.59	13.17
Past Month Marijuana Use	8.21	8.32	19.80	6.09	8.20
Past Month Use of Illicit Drugs Other Than Marijuana <sup>1</sup>	3.98	4.99	8.56	3.02	3.87
Past Year Cocaine Use	2.10	1.20	5.80	1.55	2.20
Past Year Nonmedical Pain Reliever Use	5.45	6.98	11.17	4.21	5.28
Perception of Great Risk of Smoking Marijuana Once a Month	29.89	27.27	18.88	32.24	30.18
Average Annual Rate of First Use of Marijuana <sup>2</sup>	2.07	6.82	7.49	0.20	1.23
<b>ALCOHOL</b>					
Past Month Alcohol Use	51.40	14.12	59.80	54.77	55.54
Past Month Binge Alcohol Use <sup>3</sup>	23.08	8.61	39.95	21.91	24.69
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	43.88	40.06	34.60	46.07	44.30
Past Month Alcohol Use (Persons Aged 12 to 20)	25.62 <sup>4</sup>	--	--	--	--
Past Month Binge Alcohol Use (Persons Aged 12 to 20) <sup>3</sup>	17.15 <sup>4</sup>	--	--	--	--
<b>TOBACCO PRODUCTS</b>					
Past Month Tobacco Product Use <sup>5</sup>	24.00	10.22	36.86	23.48	25.53
Past Month Cigarette Use	20.31	7.72	31.24	19.98	21.71
Perception of Great Risk of Smoking One or More Packs of Cigarettes per Day	73.36	66.44	68.12	75.22	74.13
<b>PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT<sup>6</sup></b>					
Illicit Drug Dependence <sup>1</sup>	2.02	2.70	5.70	1.26	1.94
Illicit Drug Dependence or Abuse <sup>1</sup>	3.06	5.07	8.28	1.85	2.84
Alcohol Dependence	3.79	2.07	6.80	3.47	3.99
Alcohol Dependence or Abuse	7.80	5.20	16.28	6.61	8.09
Alcohol or Illicit Drug Dependence or Abuse <sup>1</sup>	9.51	8.10	20.53	7.69	9.66
Needing But Not Receiving Treatment for Illicit Drug Use <sup>1,7</sup>	2.82	4.74	7.61	1.70	2.61
Needing But Not Receiving Treatment for Alcohol Use <sup>7</sup>	7.42	4.94	15.80	6.22	7.69
<b>PAST YEAR MENTAL HEALTH</b>					
Had at Least One Major Depressive Episode <sup>8,9</sup>	--	8.17	8.33	6.32	6.63
Serious Mental Illness <sup>9,10</sup>	--	--	7.95	4.25	4.82
Any Mental Illness <sup>9,11</sup>	--	--	30.65	18.31	20.21
Had Serious Thoughts of Suicide	--	--	6.41	3.42	3.88

-- Not available.

NOTE: Estimates are based on a survey-weighted hierarchical Bayes estimation approach.

<sup>1</sup> Illicit Drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. Illicit Drugs Other Than Marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. These estimates include data from original methamphetamine questions but do not include new methamphetamine items added in 2005 and 2006. See Section B.4.8 in Appendix B of the *Results from the 2008 National Survey on Drug Use and Health: National Findings*.

<sup>2</sup> Average annual marijuana initiation rate =  $100 * \{ [X_1 \div (0.5 * X_1 + X_2)] \div 2 \}$ , where  $X_1$  is the number of marijuana initiates in the past 24 months and  $X_2$  is the number of persons who never used marijuana. Both of the computation components,  $X_1$  and  $X_2$ , are based on a survey-weighted hierarchical Bayes estimation approach. Note that the age group is based on a respondent's age at the time of the interview, not his or her age at first use.

<sup>3</sup> 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.

<sup>4</sup> Underage drinking is defined for persons aged 12 to 20; therefore, the "Total" estimate reflects that age group and not persons aged 12 or older.

<sup>5</sup> Tobacco Products include cigarettes, smokeless tobacco (i.e., chewing tobacco or snuff), cigars, or pipe tobacco.

<sup>6</sup> Dependence or abuse is based on definitions found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*.

<sup>7</sup> Needing But Not Receiving Treatment refers to respondents classified as needing treatment for illicit drugs (or alcohol), but not receiving treatment for an illicit drug (or alcohol) problem at a specialty facility (i.e., drug and alcohol rehabilitation facilities [inpatient or outpatient], hospitals [inpatient only], and mental health centers).

<sup>8</sup> Major depressive episode (MDE) is defined as in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, which specifies a period of at least 2 weeks when a person experienced a depressed mood or loss of interest or pleasure in daily activities and had a majority of specified depression symptoms. There are minor wording differences in the questions in the adult and adolescent MDE modules. Therefore, data from youths aged 12 to 17 were not combined with data from persons aged 18 or older to get an overall estimate (12 or older).

<sup>9</sup> For more details, see Section A.11 in Appendix A of the report on *State Estimates of Substance Use and Mental Disorders from the 2009-2010 NSDUHs*.

<sup>10</sup> Serious mental illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a substance use disorder, that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)* and resulted in serious functional impairment in carrying out major life activities.

<sup>11</sup> Any mental illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a substance use disorder, that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*, regardless of the level of impairment in carrying out major life activities.

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2009 and 2010 (Revised March 2012).