

## KENTUCKY

**Table 45 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 Kentucky, by Age Group: Estimated Numbers (in Thousands), Annual Averages Based on 2010-2011 NSDUHs**

Measure	12+	12-17	18-25	26+	18+
<b>ILLICIT DRUGS</b>					
Past Month Illicit Drug Use <sup>1</sup>	249	29	82	139	220
Past Year Marijuana Use	315	41	109	166	275
Past Month Marijuana Use	182	21	69	91	161
Past Month Use of Illicit Drugs Other Than Marijuana <sup>1</sup>	107	14	33	60	93
Past Year Cocaine Use	44	3	17	24	41
Past Year Nonmedical Pain Reliever Use	161	22	50	88	138
Perception of Great Risk of Smoking Marijuana Once a Month	1,347	130	114	1,103	1,217
Average Annual Number of Marijuana Initiates <sup>2</sup>	33	17	14	3	17
<b>ALCOHOL</b>					
Past Month Alcohol Use	1,456	43	235	1,178	1,413
Past Month Binge Alcohol Use <sup>3</sup>	748	26	174	549	722
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	1,523	146	169	1,207	1,377
Past Month Alcohol Use (Persons Aged 12 to 20)	112 <sup>4</sup>	--	--	--	--
Past Month Binge Alcohol Use (Persons Aged 12 to 20) <sup>3</sup>	76 <sup>4</sup>	--	--	--	--
<b>TOBACCO PRODUCTS</b>					
Past Month Tobacco Product Use <sup>5</sup>	1,339	50	232	1,057	1,289
Past Month Cigarette Use	1,124	39	195	890	1,085
Perception of Great Risk of Smoking One or More Packs of Cigarettes per Day	2,267	215	272	1,780	2,052
<b>PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT<sup>6</sup></b>					
Illicit Drug Dependence <sup>1</sup>	67	8	27	32	59
Illicit Drug Dependence or Abuse <sup>1</sup>	91	16	33	42	75
Alcohol Dependence	87	5	23	59	82
Alcohol Dependence or Abuse	172	12	52	108	159
Alcohol or Illicit Drug Dependence or Abuse <sup>1</sup>	231	21	71	139	210
Needing But Not Receiving Treatment for Illicit Drug Use <sup>1,7</sup>	81	15	30	35	66
Needing But Not Receiving Treatment for Alcohol Use <sup>7</sup>	161	12	48	100	148
<b>PAST YEAR MENTAL HEALTH</b>					
Had at Least One Major Depressive Episode <sup>8</sup>	--	30	36	211	247
Serious Mental Illness <sup>9</sup>	--	--	19	131	150
Any Mental Illness <sup>10</sup>	--	--	80	554	634
Had Serious Thoughts of Suicide	--	--	30	105	134

-- Not available.

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

NOTE: Estimates for serious mental illness (SMI) and any mental illness (AMI) presented in this table may differ from previously published SMI and AMI estimates because of revised estimation procedures. For details, see the NSDUH short report titled *Revised Estimates of Mental Illness from the National Survey on Drug Use and Health* at <http://samhsa.gov/data/default.aspx>.

<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 produce an estimate for those aged 12 or older. 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>9</sup> Serious mental illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or 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.

<sup>10</sup> Any mental illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2010 (Revised March 2012; SMI and AMI Estimates Revised October 2013) and 2011 (SMI and AMI Estimates Revised October 2013).

## KENTUCKY

**Table 46 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 Kentucky, by Age Group: Percentages, Annual Averages Based on 2010-2011 NSDUHs**

Measure	12+	12-17	18-25	26+	18+
<b>ILLCIT DRUGS</b>					
Past Month Illicit Drug Use <sup>1</sup>	6.94	8.53	17.74	4.97	6.78
Past Year Marijuana Use	8.80	12.16	23.64	5.94	8.45
Past Month Marijuana Use	5.08	6.36	15.08	3.27	4.95
Past Month Use of Illicit Drugs Other Than Marijuana <sup>1</sup>	3.00	4.28	7.22	2.14	2.86
Past Year Cocaine Use	1.24	0.86	3.76	0.86	1.27
Past Year Nonmedical Pain Reliever Use	4.48	6.67	10.82	3.17	4.25
Perception of Great Risk of Smoking Marijuana Once a Month	37.56	38.56	24.79	39.55	37.46
Average Annual Rate of First Use of Marijuana <sup>2</sup>	1.52	5.47	5.71	0.16	0.90
<b>ALCOHOL</b>					
Past Month Alcohol Use	40.63	12.80	51.03	42.24	43.49
Past Month Binge Alcohol Use <sup>3</sup>	20.89	7.74	37.79	19.67	22.23
Perception of Great Risk of Drinking Five or More Drinks Once or Twice a Week	42.46	43.40	36.84	43.28	42.37
Past Month Alcohol Use (Persons Aged 12 to 20)	22.12 <sup>4</sup>	--	--	--	--
Past Month Binge Alcohol Use (Persons Aged 12 to 20) <sup>3</sup>	14.91 <sup>4</sup>	--	--	--	--
<b>TOBACCO PRODUCTS</b>					
Past Month Tobacco Product Use <sup>5</sup>	37.37	14.85	50.43	37.90	39.68
Past Month Cigarette Use	31.37	11.66	42.32	31.92	33.40
Perception of Great Risk of Smoking One or More Packs of Cigarettes per Day	63.22	63.82	59.09	63.83	63.15
<b>PAST YEAR DEPENDENCE, ABUSE, AND TREATMENT<sup>6</sup></b>					
Illicit Drug Dependence <sup>1</sup>	1.87	2.45	5.84	1.15	1.81
Illicit Drug Dependence or Abuse <sup>1</sup>	2.53	4.75	7.10	1.51	2.30
Alcohol Dependence	2.42	1.37	4.97	2.12	2.53
Alcohol Dependence or Abuse	4.79	3.64	11.27	3.86	4.91
Alcohol or Illicit Drug Dependence or Abuse <sup>1</sup>	6.45	6.22	15.52	4.98	6.47
Needing But Not Receiving Treatment for Illicit Drug Use <sup>1,7</sup>	2.25	4.41	6.60	1.27	2.03
Needing But Not Receiving Treatment for Alcohol Use <sup>7</sup>	4.48	3.61	10.48	3.59	4.57
<b>PAST YEAR MENTAL HEALTH</b>					
Had at Least One Major Depressive Episode <sup>8</sup>	--	8.88	7.79	7.56	7.59
Serious Mental Illness <sup>9</sup>	--	--	4.12	4.70	4.62
Any Mental Illness <sup>10</sup>	--	--	17.55	19.84	19.52
Had Serious Thoughts of Suicide	--	--	6.45	3.75	4.13

-- Not available.

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

NOTE: Estimates for serious mental illness (SMI) and any mental illness (AMI) presented in this table may differ from previously published SMI and AMI estimates because of revised estimation procedures. For details, see the NSDUH short report titled *Revised Estimates of Mental Illness from the National Survey on Drug Use and Health* at <http://samhsa.gov/data/default.aspx>.

<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 18 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 produce an estimate for those aged 12 or older. 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>9</sup> Serious mental illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or 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.

<sup>10</sup> Any mental illness is defined as having a diagnosable mental, behavioral, or emotional disorder, other than a developmental or substance use disorder, that met the criteria found in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders* (DSM-IV).

Source: SAMHSA, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2010 (Revised March 2012; SMI and AMI Estimates Revised October 2013) and 2011 (SMI and AMI Estimates Revised October 2013).