

Section Eleven: Regional Comparison

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REGIONAL COMPARISON

Lifetime Cigarette Use – Kentucky River and Four Rivers showed the highest lifetime prevalence for smoking cigarettes. The Mountain region had the lowest lifetime prevalence for smoking. Table 11.1 presents the estimated number and percent of adult Kentuckians who smoke cigarettes by region.

Table 11.1: Estimated number of adult Kentuckians who ever smoked a cigarette by region

	#	%
Kentucky	2,070,134	66.3%
Adanta	103,732	68.4%
Bluegrass	343,092	63.3%
Communicare	113,583	61.1%
Comprehend	28,831	68.0%
Cumberland	124,404	68.4%
Four Rivers	112,256	70.9%
Kentucky River	64,367	70.0%
Lifeskills	129,368	65.1%
Mountain	74,086	60.6%
North Key	202,460	67.6%
Pathways	108,558	65.4%
Pennyroyal	102,558	67.3%
River Valley	106,933	67.8%
Seven Counties	455,906	67.8%

REGIONAL COMPARISON

Lifetime Alcohol Use – The North Key and Seven Counties regions showed the highest lifetime prevalence of alcohol use. The lowest region was Mountain. There seems to be a correlation between the population density of a region and the percent of persons who use illicit drugs. Table 11.2 presents the estimated number and percent of adult Kentuckians who use illicit drugs by region.

Table 11.2: Estimated number of adult Kentuckians who ever drank by region

	#	%
Kentucky	2,552,825	81.7%
Adanta	121,968	80.4%
Bluegrass	455,287	84.0%
Communicare	148,494	79.9%
Comprehend	33,185	78.2%
Cumberland	126,109	69.3%
Four Rivers	125,247	79.1%
Kentucky River	63,825	69.4%
Lifeskills	146,363	73.7%
Mountain	83,110	67.9%
North Key	263,797	88.1%
Pathways	128,473	77.3%
Pennyroyal	127,960	84.0%
River Valley	129,731	82.3%
Seven Counties	599,276	89.1%

REGIONAL COMPARISON

Lifetime Illicit Drug Use – The Communicare, Seven Counties, and Bluegrass regions showed the highest lifetime prevalence of drug use. The lowest region was Mountain. Similar to alcohol, there seems to be a correlation between the population density of a region and the percent of persons who use illicit drugs. Table 11.3 presents the estimated number and percent of adult Kentuckians who use illicit drugs by region.

Table 11.3: Estimated number of adult Kentuckians who ever used illicit drugs by region

	#	%
Kentucky	1,052,348	33.7%
Adanta	42,675	28.1%
Bluegrass	198,601	36.6%
Communicare	68,841	37.1%
Comprehend	12,559	29.6%
Cumberland	54,874	30.2%
Four Rivers	54,447	34.4%
Kentucky River	31,175	33.9%
Lifeskills	58,536	29.5%
Mountain	30,478	24.9%
North Key	106,908	35.7%
Pathways	51,097	30.8%
Pennyroyal	46,995	30.8%
River Valley	45,669	29.0%
Seven Counties	249,493	37.1%

REGIONAL COMPARISON

Lifetime Marijuana Use – The Bluegrass, Seven Counties, and North Key regions still rank high in percent of lifetime prevalence of marijuana use, however, other less populated regions like Four Rivers also rank higher. Table 11.4 presents the estimated number and percent of adult Kentuckians who smoke marijuana by region.

Table 11.4: Estimated number of adult Kentuckians who ever used marijuana by region

	#	%
Kentucky	979,568	31.4%
Adanta	36,405	24.0%
Bluegrass	181,572	33.5%
Communicare	60,882	32.8%
Comprehend	11,597	27.3%
Cumberland	49,391	27.1%
Four Rivers	53,283	33.7%
Kentucky River	28,262	30.7%
Lifeskills	56,209	28.3%
Mountain	27,504	22.5%
North Key	99,017	33.1%
Pathways	48,471	29.2%
Pennyroyal	39,467	25.9%
River Valley	44,963	28.5%
Seven Counties	242,545	36.1%

REGIONAL COMPARISON

Lifetime Cocaine Use – The percent of persons who use cocaine appear to be distributed equitably throughout the state. Table 11.5 presents the estimated number and percent of adult Kentuckians who use cocaine.

Table 11.5: Estimated number of adult Kentuckians who ever used cocaine by region

	#	%
Kentucky	229,231	7.3%
Adanta	10,898	7.2%
Bluegrass	39,655	7.3%
Communicare	14,254	7.7%
Comprehend	2,229	5.3%
Cumberland	10,894	6.0%
Four Rivers	13,111	8.3%
Kentucky River	8,044	8.8%
Lifeskills	12,109	6.1%
Mountain	6,078	5.0%
North Key	25,138	8.4%
Pathways	12,575	7.6%
Pennyroyal	8,716	5.7%
River Valley	9,324	5.9%
Seven Counties	56,206	8.4%

REGIONAL COMPARISON

Lifetime Hallucinogen Use – The highest concentration of lifetime prevalence of hallucinogen use seems to be concentrated in the North-Central part of the state. Table 11.6 presents the estimated number and percent of adult Kentuckians who use hallucinogens.

Table 11.6: Estimated number of adult Kentuckians who ever used hallucinogens by region

	#	%
Kentucky	207,810	6.7%
Adanta	7,869	5.2%
Bluegrass	43,324	8.0%
Communicare	16,755	9.0%
Comprehend	2,238	5.3%
Cumberland	8,571	4.7%
Four Rivers	7,998	5.1%
Kentucky River	4,005	4.4%
Lifeskills	9,443	4.8%
Mountain	4,603	3.8%
North Key	23,047	7.7%
Pathways	12,405	7.5%
Pennyroyal	4,509	3.0%
River Valley	8,721	5.6%
Seven Counties	54,322	8.1%

REGIONAL COMPARISON

Past Year Alcohol Abuse and Dependence – The Seven Counties and Pennyroyal regions had the highest percent of persons who met criteria for alcohol abuse and alcohol dependence in the past year. The River Valley and Comprehend regions had the lowest percent of persons who met criteria for alcohol abuse in the past year. The Lifeskills, North Key, and River Valley regions had the lowest percentages for dependence. Table 11.7 presents the estimated number and percent of adult Kentuckians who met criteria for alcohol abuse or alcohol dependence in the past year.

Table 11.7: Estimated number of adult Kentuckians who met alcohol abuse and dependence in the past year by region

	Abuse		Dependence	
	#	%	#	%
Kentucky	129,835	4.2%	54,902	1.8%
Adanta	4,812	3.2%	1,806	1.2%
Bluegrass	19,938	3.7%	6,902	1.3%
Communicare	6,421	3.5%	4,067	2.2%
Comprehend	929	2.2%	1,109	2.6%
Cumberland	6,783	3.7%	1,831	1.0%
Four Rivers	5,094	3.2%	1,997	1.3%
Kentucky River	1,406	1.5%	1,412	1.5%
Lifeskills	7,201	3.6%	1,290	0.6%
Mountain	4,958	4.1%	1,749	1.4%
North Key	13,273	4.4%	1,867	0.6%
Pathways	3,713	2.2%	3,345	2.0%
Pennyroyal	7,890	5.2%	4,904	3.2%
River Valley	2,345	1.5%	1,348	0.9%
Seven Counties	45,072	6.7%	21,275	3.2%

REGIONAL COMPARISON

Past Year Drug Abuse and Dependence – The Pennyroyal region had the highest percent of persons who met criteria for drug abuse and drug dependence in the past year. Table 11.8 presents the estimated number and percent of adult Kentuckians who met criteria for drug abuse or dependence in the past year.

Table 11.8: Estimated number of adult Kentuckians who met drug abuse and dependence in the past year by region

	Abuse		Dependence	
	#	%	#	%
Kentucky	47,478	1.5%	31,161	1.0%
Adanta	1,624	1.1%	1,619	1.1%
Bluegrass	5,612	1.0%	2,225	0.4%
Communicare	2,197	1.2%	2,191	1.2%
Comprehend	1,328	3.1%	225	0.5%
Cumberland	2,954	1.6%	1,120	0.6%
Four Rivers	2,200	1.4%	2,195	1.4%
Kentucky River	2,216	2.4%	2,213	2.4%
Lifeskills	e	e	e	e
Mountain	941	0.8%	936	0.8%
North Key	2,276	0.7%	5,249	1.7%
Pathways	960	0.6%	955	0.6%
Pennyroyal	5,262	3.4%	5,256	3.4%
River Valley	703	0.4%	698	0.4%
Seven Counties	19,205	2.8%	6,279	0.9%

e – estimate too small to calculate accurately

REGIONAL COMPARISON

Treatment Need – The Seven Counties, North Key and Bluegrass regions had the highest estimated number and highest percent of adult Kentuckians in need of treatment. Table 11.9 presents the estimated number and percent of adult Kentuckians in need of treatment.

Table 11.9: Estimated number of adult Kentuckians in current need of alcohol/drug treatment by region

	#	%
Kentucky	374,884	12.0%
Adanta	16,546	10.9%
Bluegrass	64,818	12.0%
Communicare	17,810	9.6%
Comprehend	4,523	10.7%
Cumberland	16,585	9.1%
Four Rivers	18,145	11.5%
Kentucky River	8,482	9.2%
Lifeskills	21,781	11.0%
Mountain	8,644	7.1%
North Key	40,516	13.5%
Pathways	14,972	9.0%
Pennyroyal	15,844	10.4%
River Valley	10,693	6.8%
Seven Counties	115,525	17.2%