

Needs Assessment Data

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Demographic Characteristics

Knox County

Indicator Description:
Demographic Characteristics

	County	State	National
Total Population, 2005 ¹	32,069	4,173,405	296,410,404
Population Under 18, 2005 ¹	7,987	980,160	73,469,984
Percent of Population: Black, 2005 ¹	1.1%	7.5%	12.8%
Percent of Population: Hispanic or Latino, 2005 ¹	0.7%	2.0%	14.4%

	County	State	National
Unemployment Rate, 2005 ¹	6.80	6.10	5.10
Percent of Population in Poverty, 2003 ¹	26.3%	14.9%	12.5%
Percent of Population Under 18 in Poverty, 2004 ²	39.2%	22.2%	17.8%

	County	State	National
Divorce Rate per 1000 Population, 2003 ³	4.5	5.0	3.8

	County	State	National
Infant Mortality (Total), 2003 ¹	4	381	28,025

¹ Source: U.S. Census Bureau
<http://quickfacts.census.gov>

² Source: Kids Count
<http://www.aecf.org/kidscount/census>

³ Source: DPH: Vital Statistics

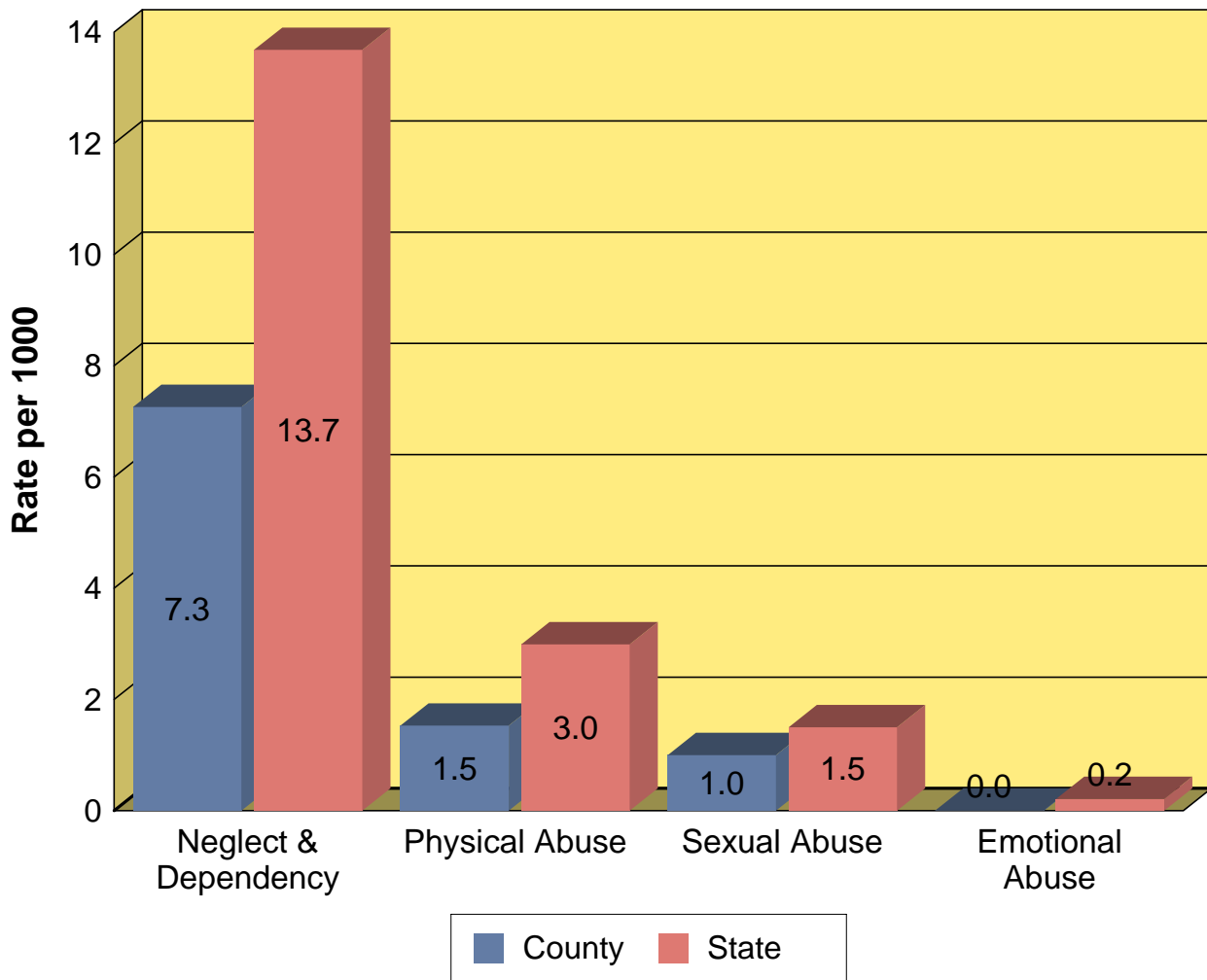
Child Abuse

Knox County

Indicator Description:

Substantiated reports of child abuse (rate per 1000 children under age 18), 2003

	Neglect & Dependency	Physical Abuse	Sexual Abuse	Emotional Abuse
County	7.3	1.5	1.0	0.0
State	13.7	3.0	1.5	0.2



Source: DPH

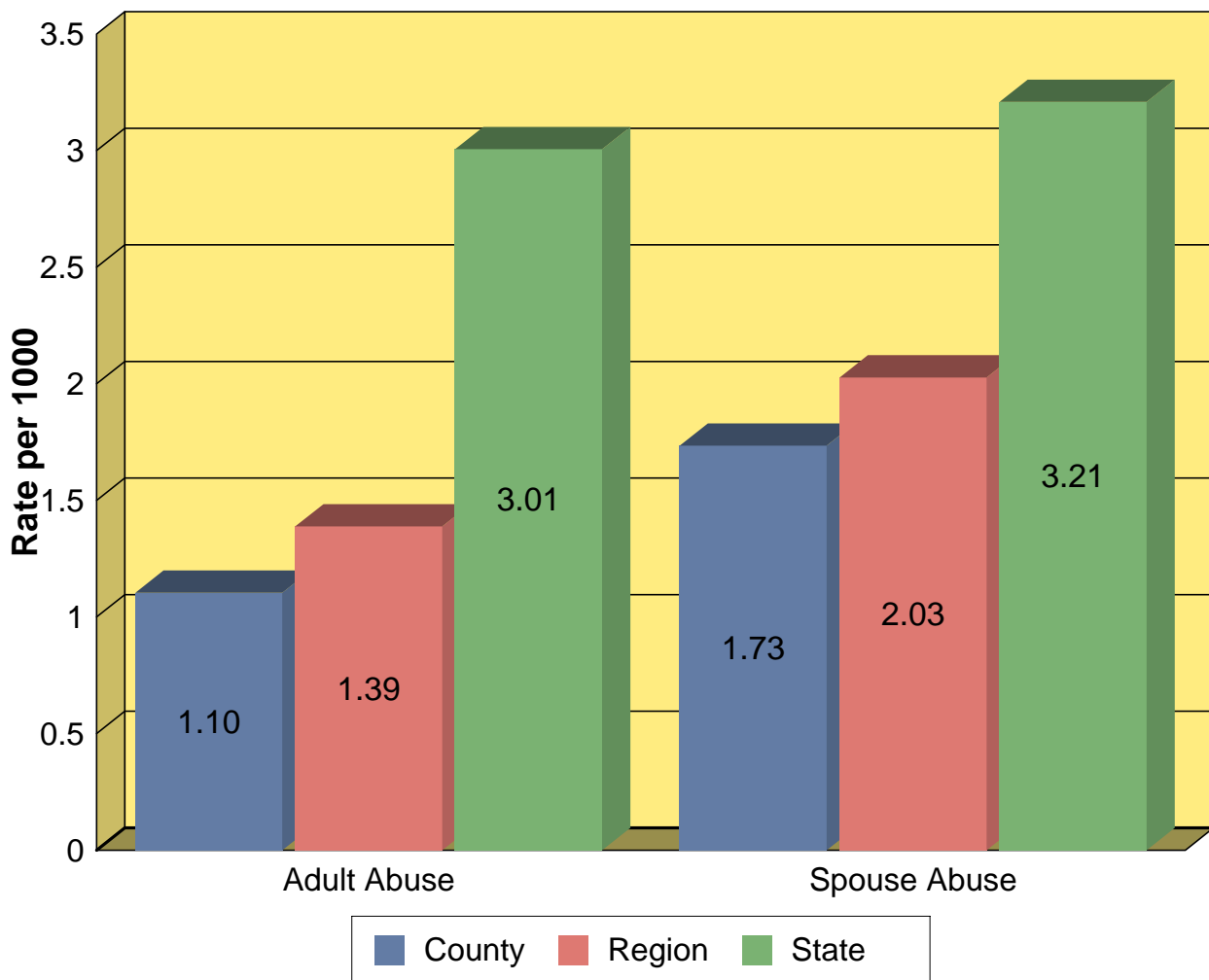
Domestic Violence / Adult Abuse

Knox County

Indicator Description:

Adult and spouse abuse cases per 1000 population, 2000

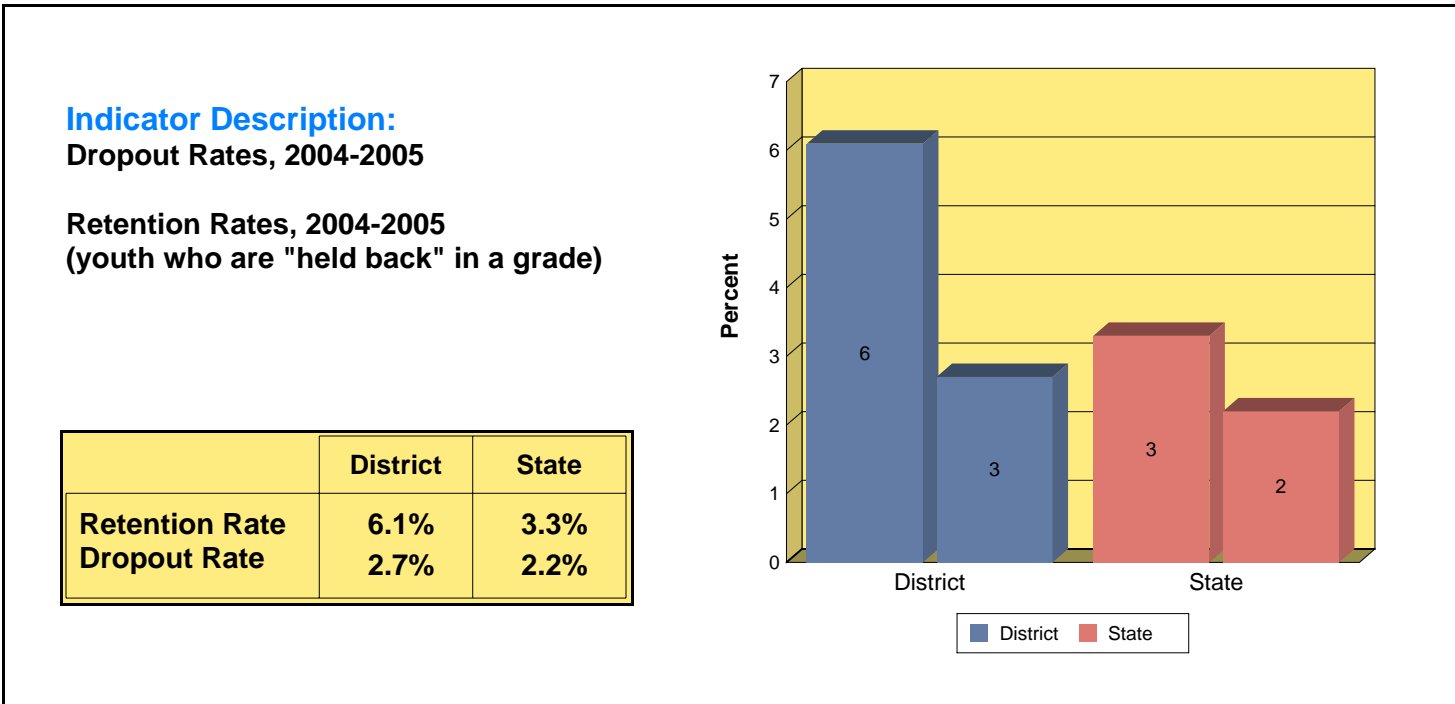
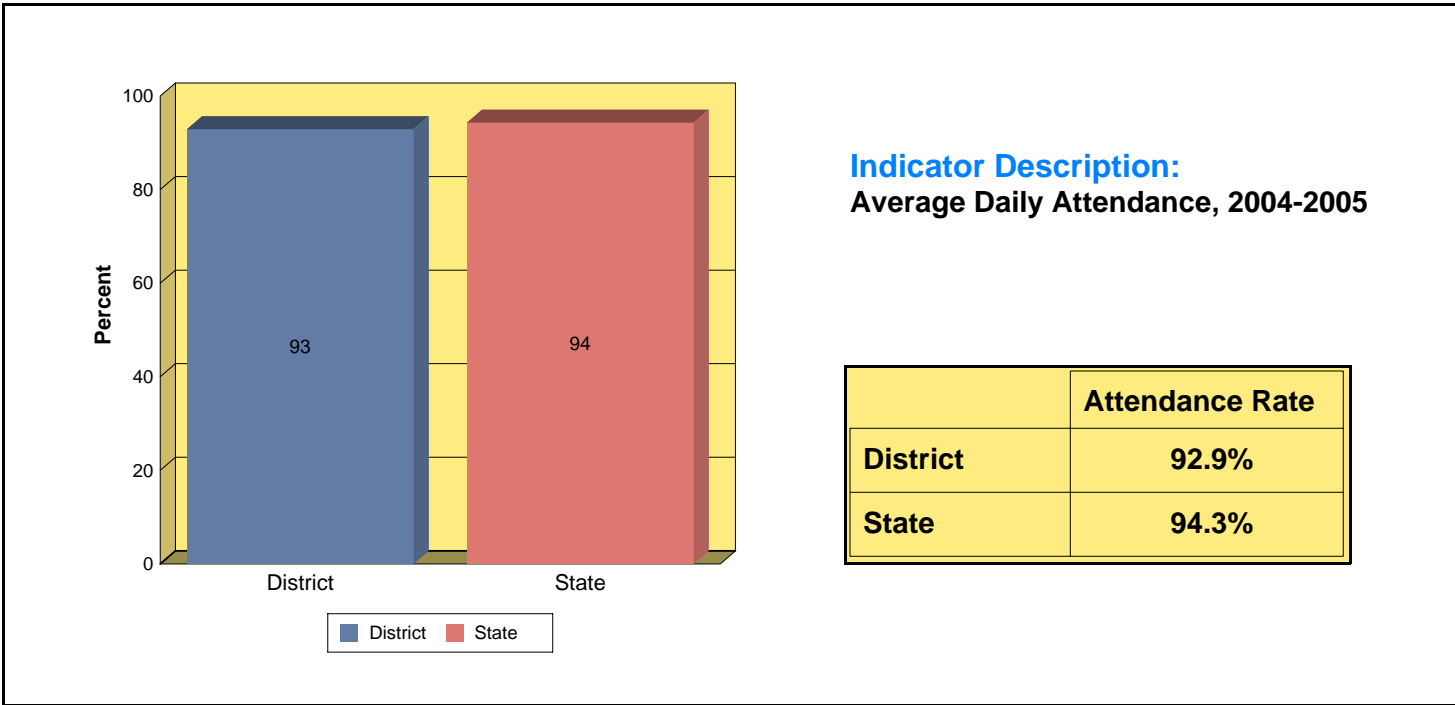
	Adult Abuse	Spouse Abuse
County	1.10	1.73
Region	1.39	2.03
State	3.01	3.21



Source: DPH
Available: sig.reachoflouisville.com

School Attendance, Retention Rate, and Dropout Rate

Knox



Source: Kentucky Department of Education
<http://www.kyschools.org/KDE/About+Schools+and+Districts/School+Report+Cards.htm>

School Violations by Outcome

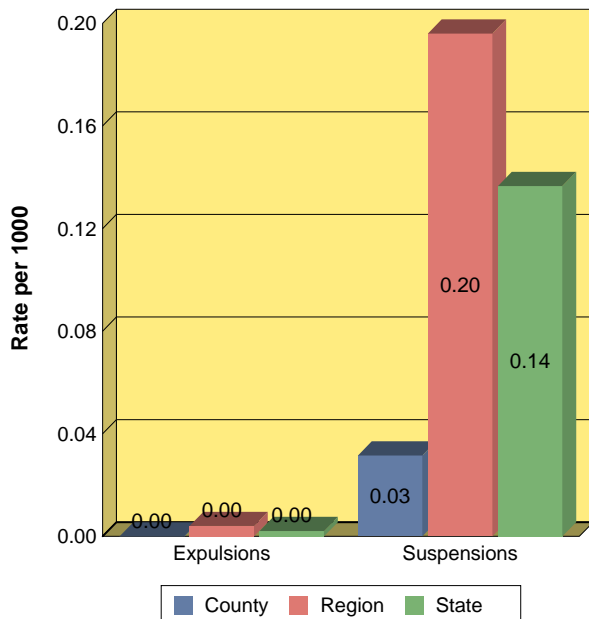
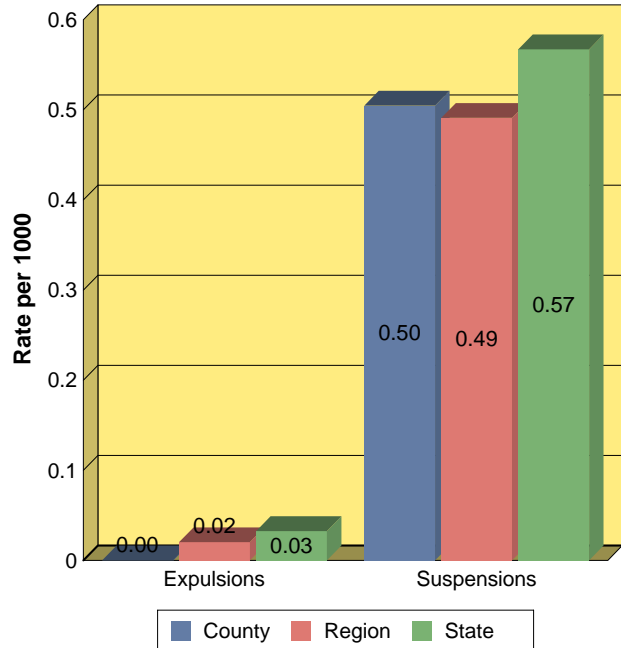
Knox County

Indicator Description:

Drug Violations Rate per 1000 students

Broken down by "out of school" suspensions and expulsions (both with and without educational services), 2004-2005

	Expulsions	Suspensions
County	0.00	0.50
Region	0.02	0.49
State	0.03	0.57



Indicator Description:

Violence Violations Rate per 1000 students

Broken down by "out of school" suspensions and expulsions (both with and without educational services), 2004-2005

	Expulsions	Suspensions
County	0.000	0.032
Region	0.004	0.196
State	0.002	0.137

Synar & ABC

Knox County

Indicator Description:

Total number of Synar violations and percentage of establishments that sold cigarettes to minors, 2006

	Region	State
Number of Violations	5	57
Synar non-compliance rate	8.2%	6.0%

Indicator Description:

Total number of liquor licenses in the county, 2006

	Knox
Number of liquor licenses	0

Source: ABC

Substance Abuse Services

Knox County

Indicator Description:

Substance abuse treatment provided by community medical health centers. Data is reported by county of service for adults and youth, 2006.

County

	Total	Rate per 1000
18+	700	11.01
0-17	46	5.76
unknown	24	

Region

	Total	Rate per 1000
18+	2,628	10.85
0-17	110	1.91
unknown	51	

State

	Total	Rate per 1000
18+	27,944	6.70
0-17	1,248	1.27
unknown	543	

Source: Research and Data Management Center
<http://www.rdmc.org>

Adult Substance Abuse - Lifetime

Knox County

Indicator Description:

Adult substance abuse data from the 2004 Adult Household Survey Report

	Region	State
Lifetime Alcohol Use #	126,109	2,552,825
Lifetime Alcohol Use %	69.3%	81.7%

	Region	State
Lifetime Cigarette Use #	124,404	2,070,134
Lifetime Cigarette Use %	68.4%	66.3%

	Region	State
Lifetime Marijuana Use #	49,391	979,568
Lifetime Marijuana Use %	27.1%	31.4%

	Region	State
Lifetime Cocaine Use #	10,894	229,231
Lifetime Cocaine Use %	6.0%	7.3%

	Region	State
Lifetime Hallucinogen Use #	8,571	207,810
Lifetime Hallucinogen Use %	4.7%	6.7%

	Region	State
Lifetime Illicit Drug Use #	54,874	1,052,348
Lifetime Illicit Drug Use %	30.2%	33.7%

Adult Substance Abuse - Past Year

Knox County

Indicator Description:

Adult substance abuse data from the 2004 Adult Household Survey Report

	Region	State
Past Year Alcohol Abuse #	6,783	129,835
Past Year Alcohol Abuse %	3.7%	4.2%

	Region	State
Past Year Alcohol Dependence #	1,831	54,902
Past Year Alcohol Dependence %	1.0%	1.8%

	Region	State
Past Year Drug Abuse #	2,954	47,478
Past Year Drug Abuse %	1.6%	1.5%

	Region	State
Past Year Drug Dependence #	1,120	31,161
Past Year Drug Dependence %	0.6%	1.0%

	Region	State
Treatment Need #	16,585	374,884
Treatment Need %	9.1%	12.0%

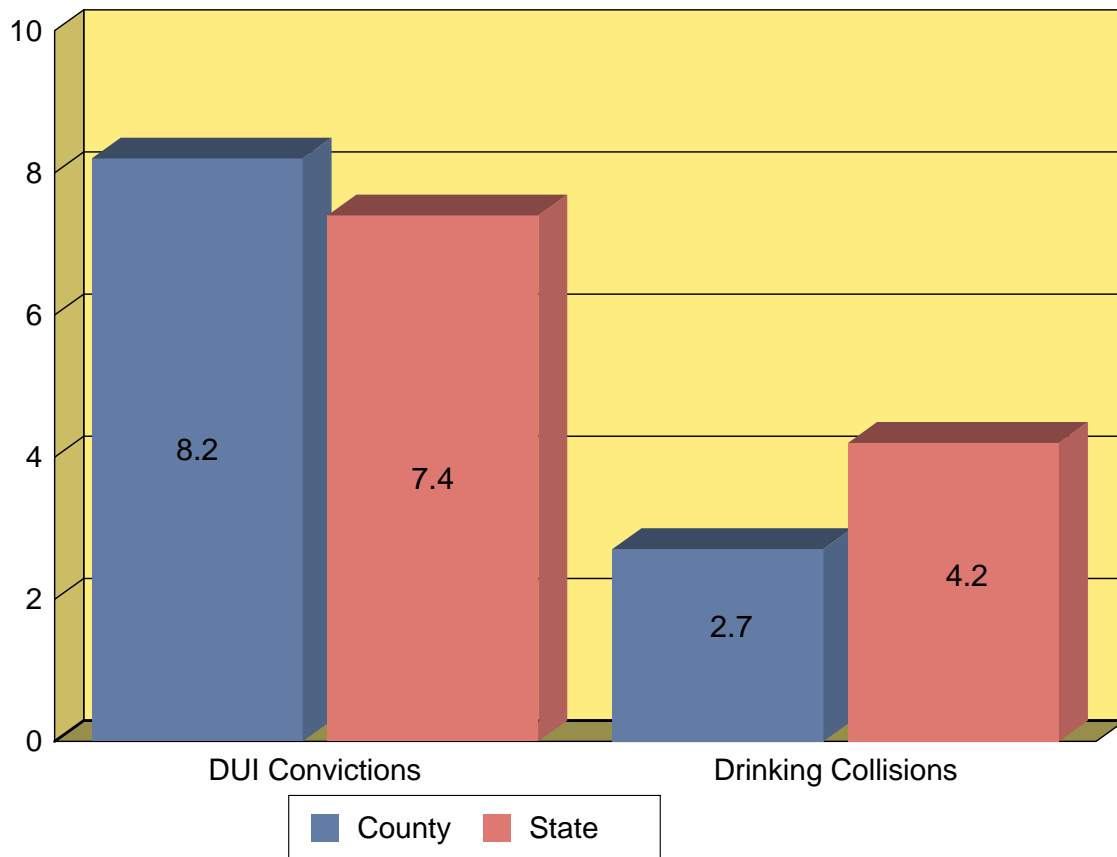
DUI

Knox County

Indicator Description:

DUI Convictions per 1000 population, 2005 & Percentage of total car crashes involving drunk drivers, 2005

	County	State
DUI Convictions	8.2	7.4
Drinking Collisions	2.7%	4.2%



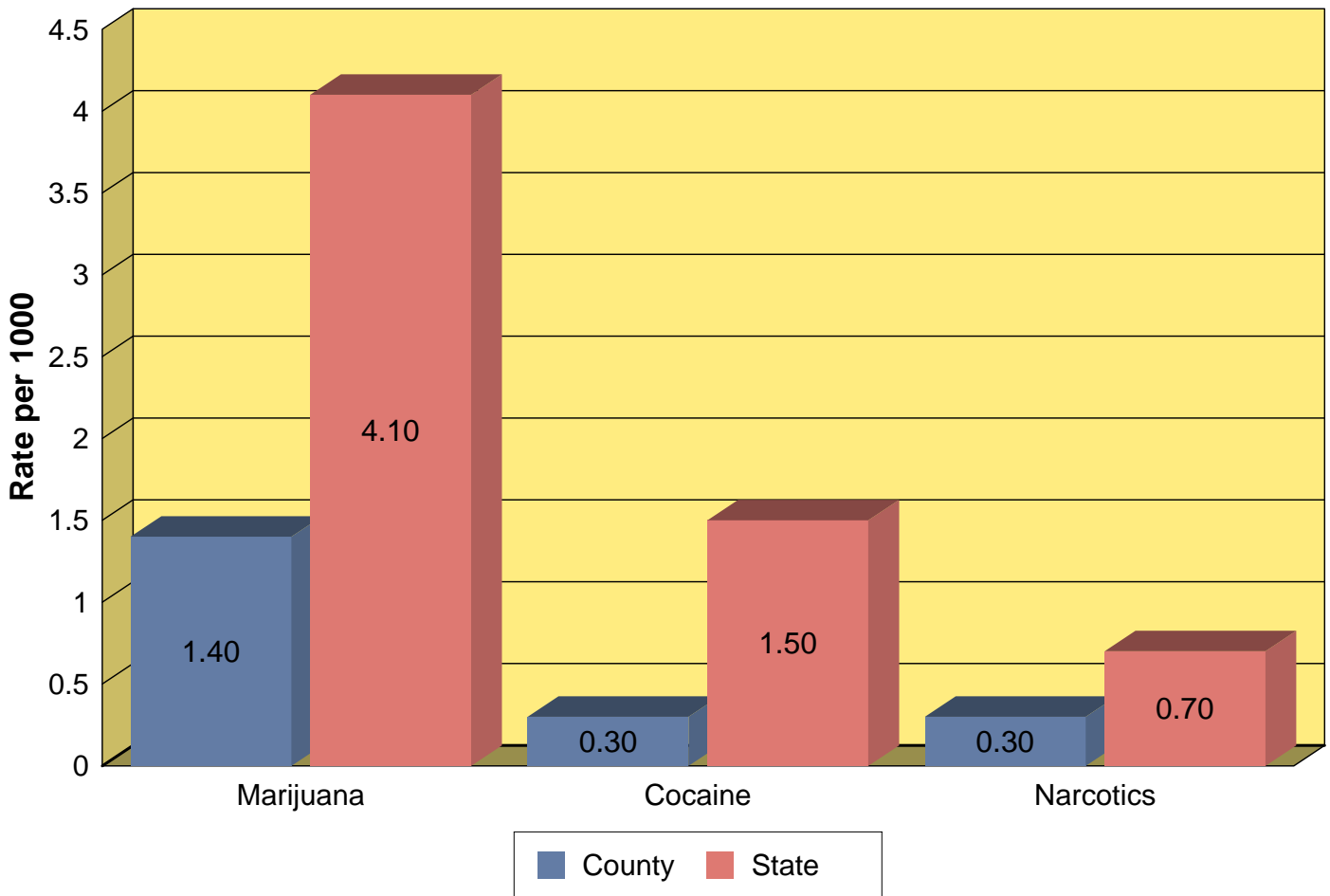
Drug Arrests

Knox County

Indicator Description:

Marijuana, Cocaine, and Narcotics arrests per 1000 residents, 2005

	Marijuana	Cocaine	Narcotics
County	1.40	0.30	0.30
State	4.10	1.50	0.70



Source: Kentucky State Police
<http://www.kentuckystatepolice.org/data.htm>

Knox County, Kentucky

Leading Causes of Death

County Extension Service District: 2
Area Development District (ADD): Cumberland River
Area Health Education Center (AHEC): Southern

This profile uses the most current data to assist Extension Agents in understanding the health status of their county. The accompanying page lists related county-level demographic and socioeconomic data that may be helpful in directing programmatic efforts.

The overall age-adjusted death rate* in Kentucky is 980.8 people per 100,000. However, disparities exist across the Commonwealth in the number of deaths from various causes. To create this profile, death rates for select causes were compiled by county. Within each category, county death rates were divided into five groups (quintiles). These quintiles are numbered 1 through 5, where counties in **Quintile 5 have the highest death rates** for a specific cause of death, and those in **Quintile 1 have the lowest death rates**. For example, Knox County is in Quintile 4 for diabetes. This means that it is among the Kentucky counties with the highest death rates for diabetes. The chart below contains Knox County quintile assignments, county death rates, as well as state and national death rates for comparison.

Age-Adjusted Death Rates* and Quintiles, 1995-1999

Cause of Death	Quintile	Knox County number of deaths from 1995-1999	Knox County age-adjusted death rate (per 100,000)	Kentucky age-adjusted death rate (per 100,000)	United States age-adjusted death rate (per 100,000)
ALL DEATHS	4 – Second Highest	1614	1,062.58	980.797	892.748
LEADING CAUSES OF DEATH					
* Diseases of the Heart	4 – Second Highest	558	368.886	315.477	280.744
* All Cancers	3	348	229.373	229.230	206.130
* Cerebrovascular Diseases (Stroke, etc.)	3	104	68.856	68.276	61.912
* Chronic Lower Respiratory Disease	4 – Second Highest	95	62.951	52.073	42.199
* Unintentional Injury	4 – Second Highest	93	58.727	42.234	35.104
* Diabetes	4 – Second Highest	47	31.52	26.028	24.167
SELECT CAUSES OF DEATH					
* Lung Cancer	5 – Highest	155	101.731	78.553	57.257
* Breast Cancer	1	14	16.41	28.060	28.779
* Colorectal Cancer	1	27	17.994	24.431	22.094
* Cervical Cancer	4 – Second Highest	4	4.882	4.163	3.113
* Motor Vehicle Accidents	4 – Second Highest	48	30.165	20.602	16.155
* Suicide	4 – Second Highest	25	16.143	12.613	11.415
* Homicide	5 – Highest	17	11.092	6.204	7.178

*Since each county has a different breakdown of age-groups, actual numbers of deaths cannot be compared. Thus, the numbers are "adjusted" for age to allow for comparison.

These data sheets were produced by the University of Kentucky Cooperative Extension Service, Health Education through Extension Leadership (HEEL) Program; 1 Quality Street Suite 692; Lexington, Kentucky 40507; 859-257-2968

All data was generously compiled and calculated by Tom Tucker and Bin Huang at the Kentucky Cancer Registry. All age-adjusted rates were adjusted to 2000 standard population. Kentucky and county age-adjusted rates were calculated from Kentucky mortality data. U.S. rates are based on information from CDC Wonders. CDC Wonders did not provide direct information for 1995-99 so the rates were calculated by getting each year's information from CDC. SEER Cause of Death Records were used for the definition of each cancer site. For all non-cancer causes, the definitions of causes are based on information from National Vital Statistics Report, Vol 49, No. 2.

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