

Carroll County, Kentucky Profile

KDHHS Community Needs Assessment 2010

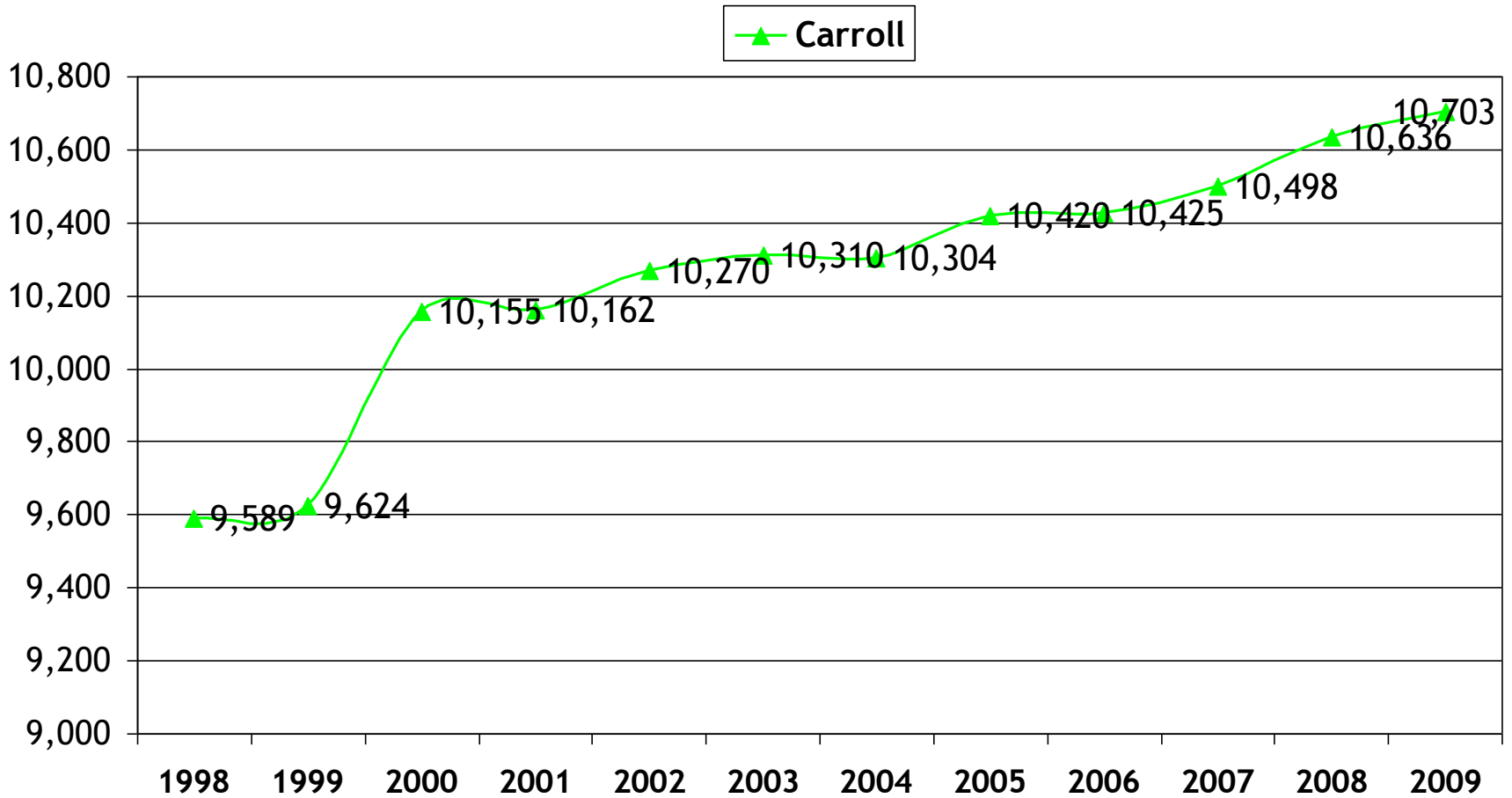
Carroll County Profile Summary

- Carroll County Kentucky currently has a population of 10,703 with a total of 3,940 households. The population is projected to be about 11,565 by 2020.
- The population is 95.7% Caucasian.
- The average household income in 2008 was \$43,720 - higher than the \$41,489 for Kentucky, but lower than the \$52,029 for the nation.
- The percent of Carroll County residents of all ages without health insurance is 13.9%, lower than the Kentucky average of 15.6% and just under the national average of 15.9%.
- The average percent of mothers who smoke during pregnancy for Carroll County is 37%, compared to 26% for Kentucky. Carroll County also has an 11% low birth weight, compared to a 9% low birth weight for Kentucky.
- As far as smoking prevalence is concerned, 35% of the adults in Carroll smoke, compared to 29% of Kentucky and 21% of the nation. The percent of high school students in Carroll who smoke is 31%, compared to 25% for Kentucky and 23% for the nation.
- Carroll County Kentucky has 25% of the population obese, compared to 29% of Kentucky and 24% of the nation.
- In Carroll, 43% of the population lack physical activity, compared to 32% in Kentucky and 24% in the nation.
- The unemployment rate in Carroll County is 13.12%, higher than both Kentucky's 10.5% and the nation's 9.3%.
- The death rate from heart disease in Carroll County is 266 per 100,000 compared to 224 per 100,000 for Kentucky and 218 per 100,000 for the nation.

Total Population and Geographic Data

Total Population and Geographic Data			
	Carroll	Kentucky	U.S.
Total Population (2009)	10,703	4,314,113	307,006,550
Persons per sq. mi.	82	42	87
Total Households	3,940	1,590,647	129,065,264
Land Area (sq. miles)	130	102,968	3,537,438
Water Area (sq. miles)	7	1780.7	256,645

Historical Population



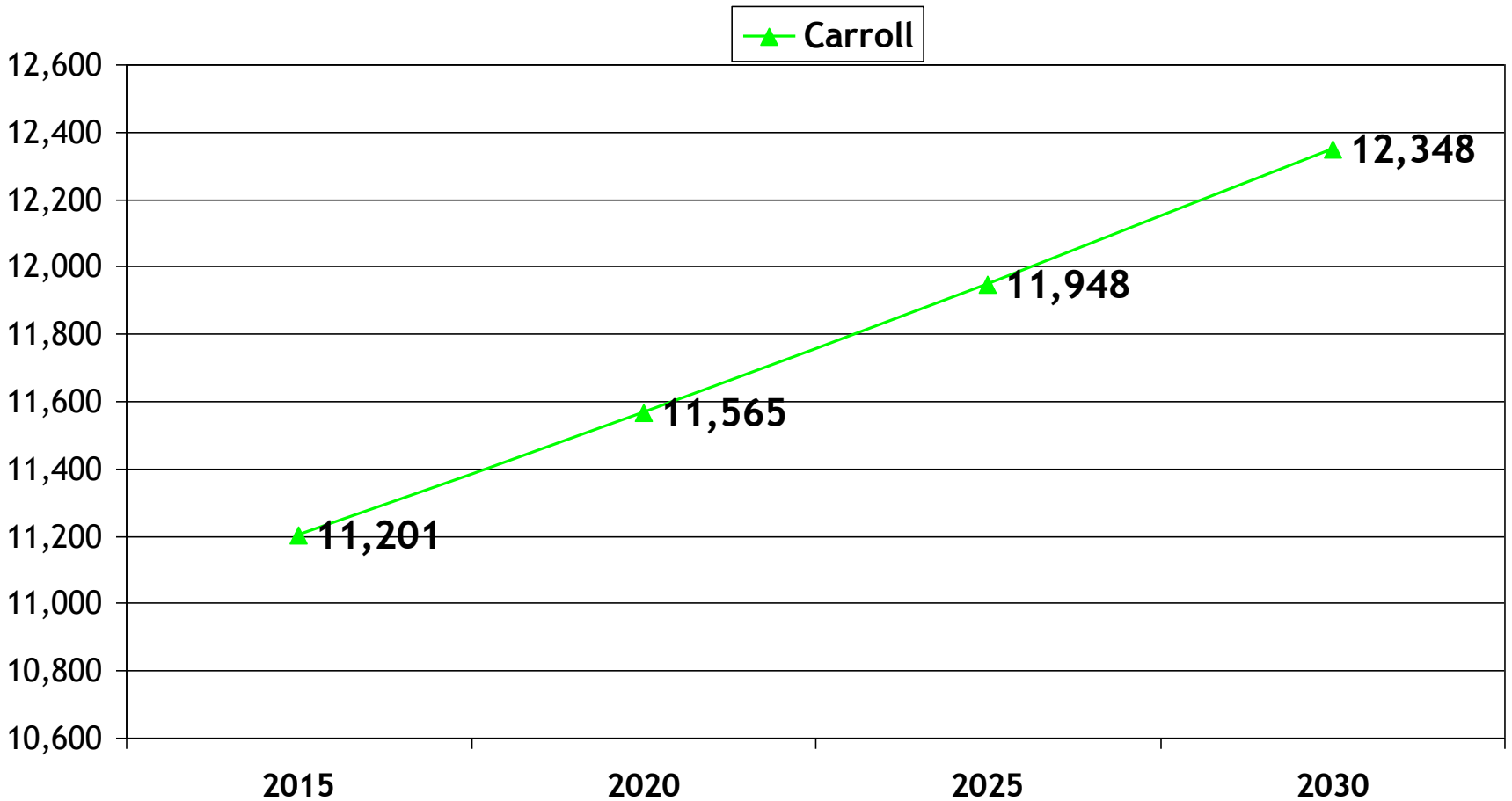
Population Change

Estimated, July 1, 2008 - July 1, 2009

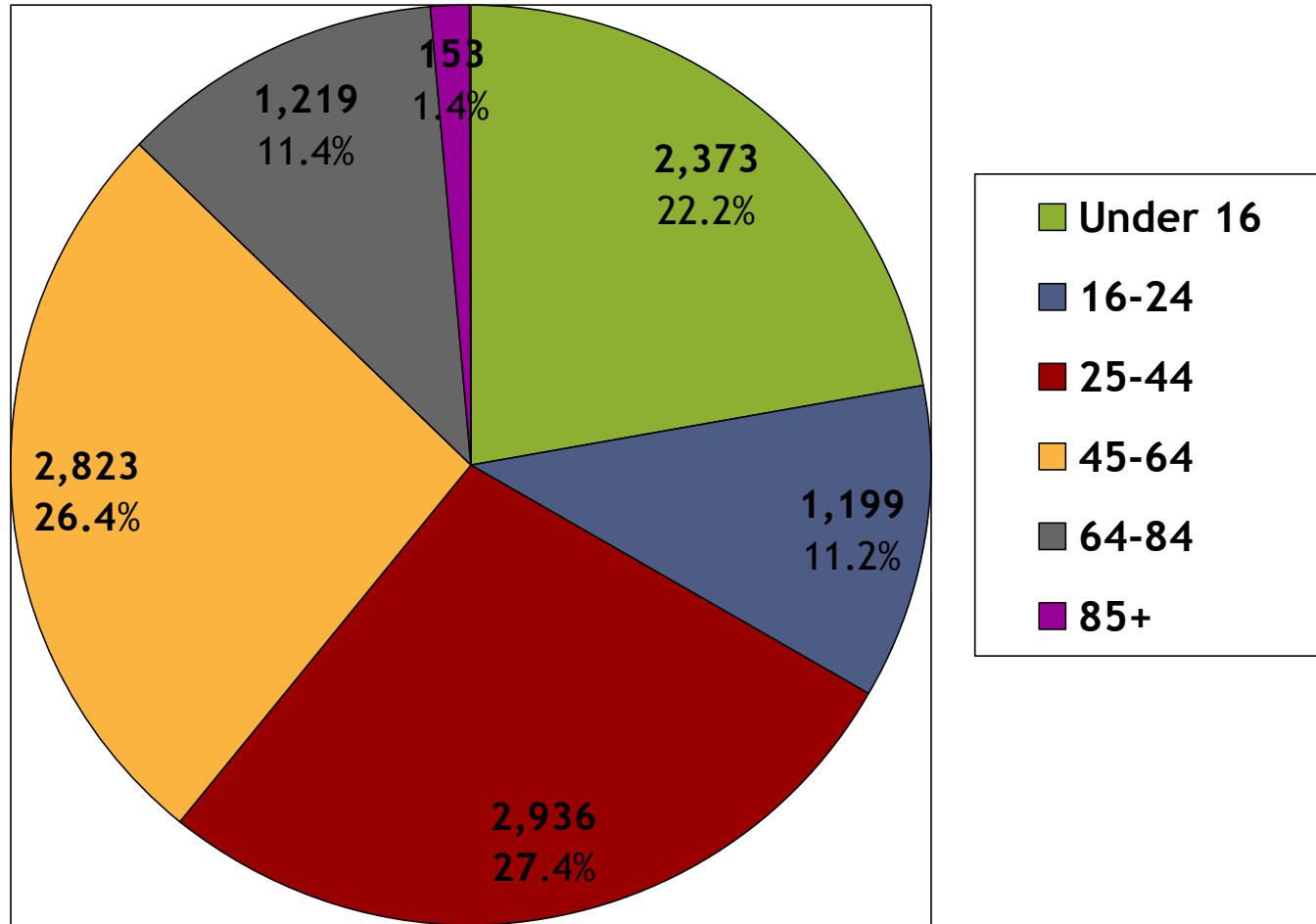
Location	Total Population Change	Natural Increase		
		Total	Births	Deaths
Kentucky	0.6	15,194	56,447	41,253
Carroll	0.6	40	154	114

Location	Net Migration		
	Total	Net International	Net Internal
Kentucky	10,866	4,598	6,268
Carroll	28	6	22

Population Projections

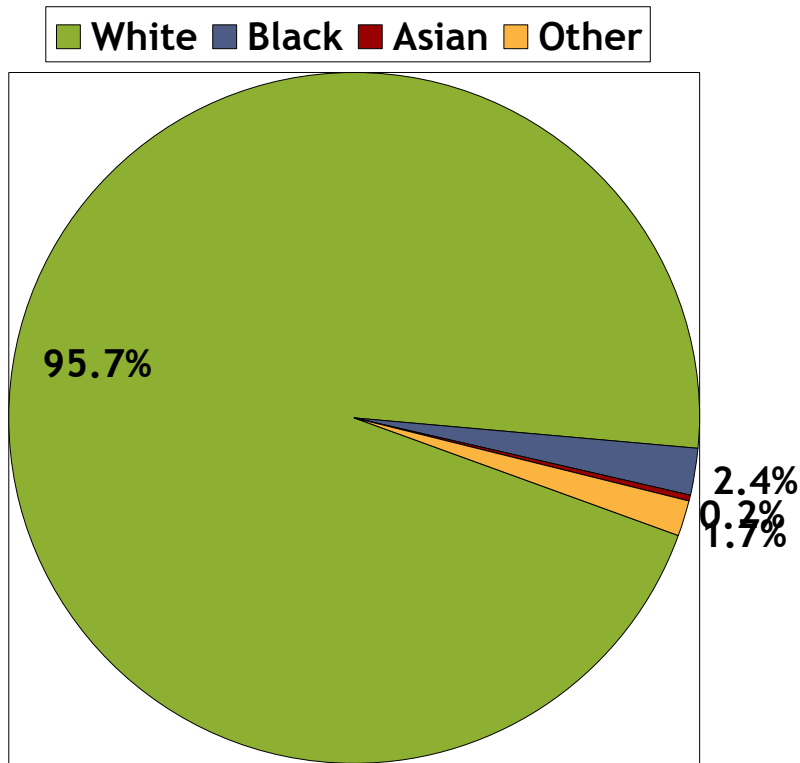


Population by Selected Age Groups, 2009



Source: Think Kentucky/US Census Bureau - 2009

Race

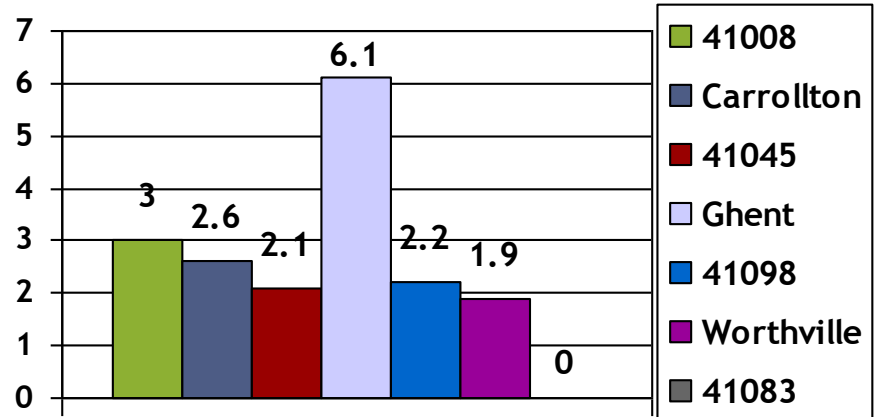
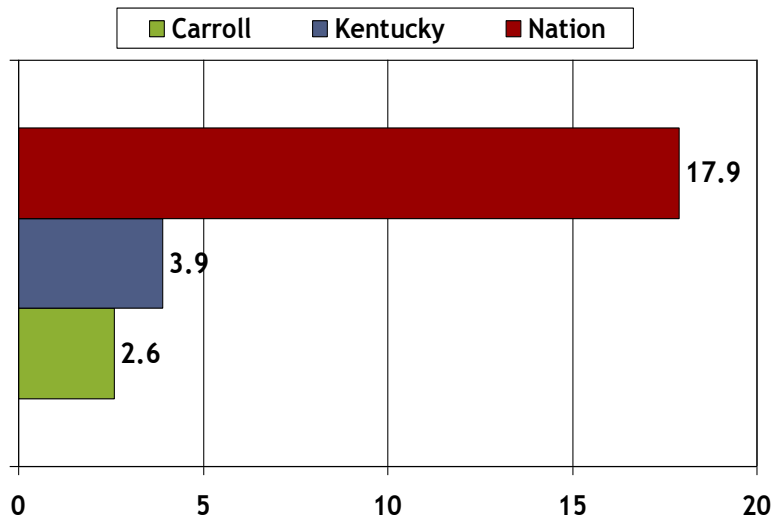


Other includes American Indian, Alaska Native, Native Hawaiian, and other Pacific Islander, in addition to other races.

	Total	% of Total
White	10,240	95.7 %
Black	262	2.4 %
Am. Indian & Alaskan Native	26	0.2 %
Native Hawaiian & other Pacific Islander	5	0.0 %
Asian	26	0.2 %
Other / Multirace	144	1.3 %
Hispanic Origin	554	5.2 %

Note: Hispanic is not a race category. A person can be white, black, etc. and be of Hispanic origin.

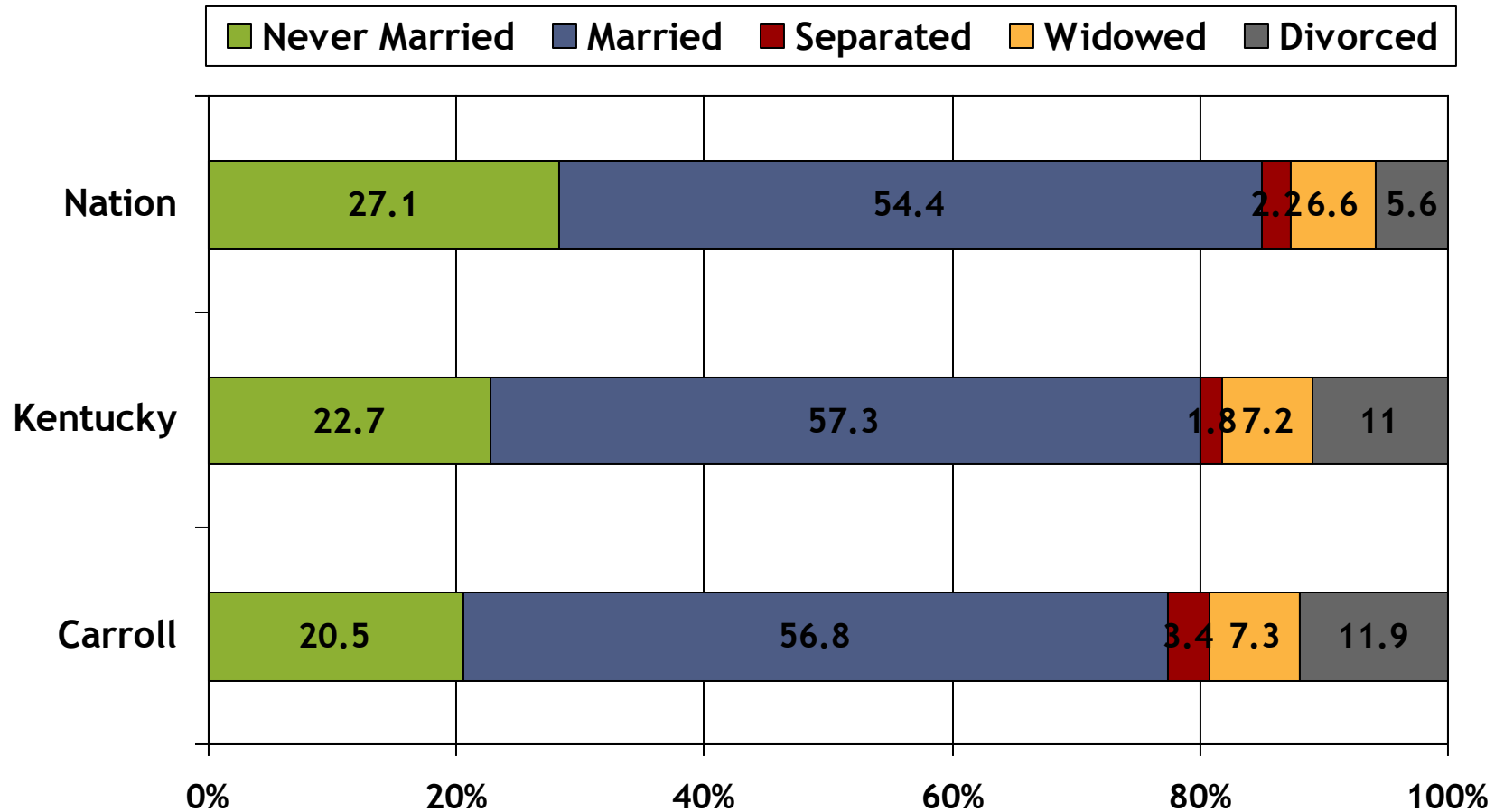
Speak a Language other than English in the Household



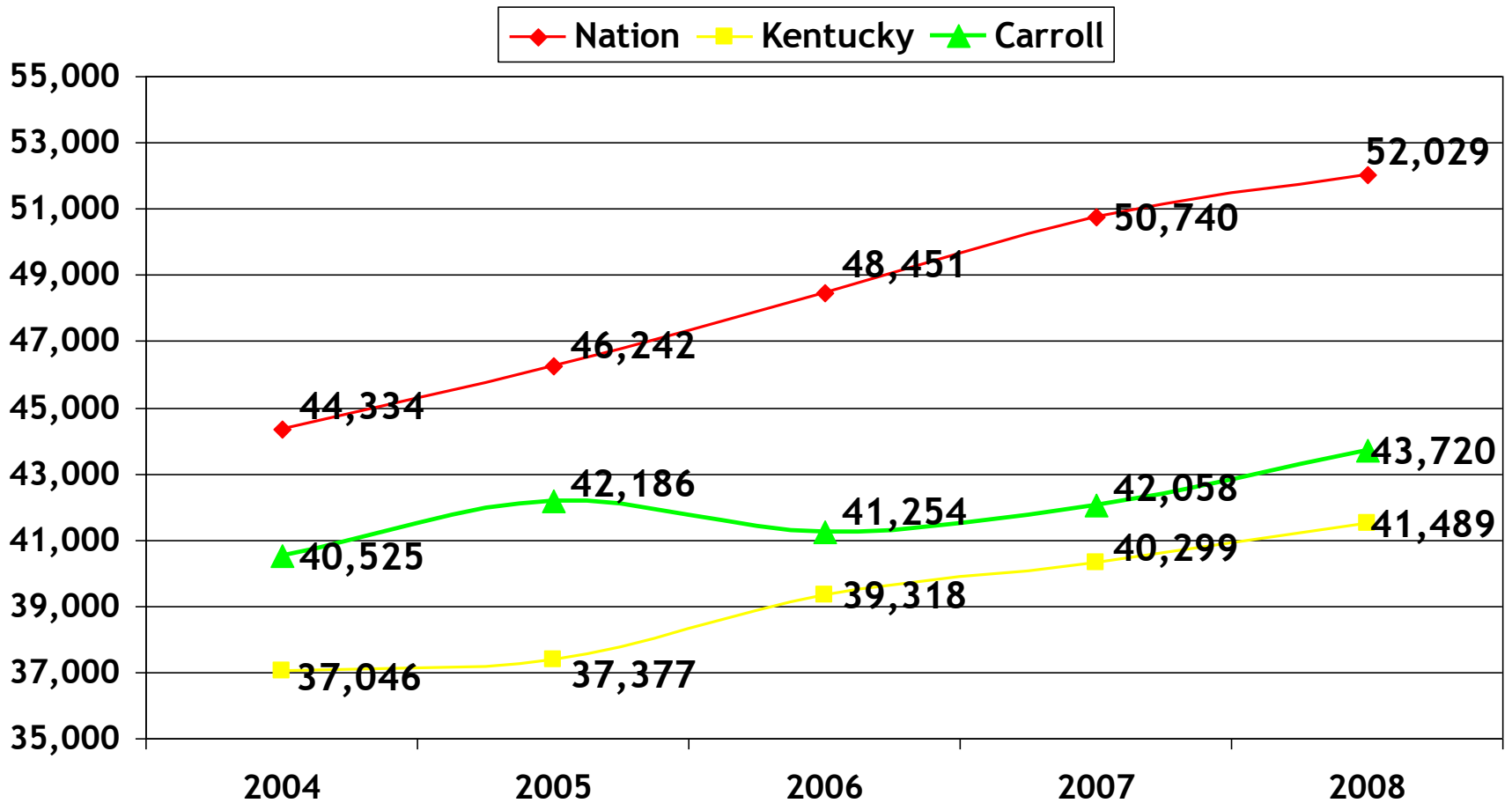
	Total
Nation	46,951,595
Indiana	148,473
Carroll	248

	Total
41008	203
Carrollton	99
41045	23
Ghent	19
41098	37
Worthville	4
41083	0

Marital Statistics



Household Income (estimated)



Health Insurance

All Ages under 65, 2005

Location	Number Insured	Number Uninsured	Percent Uninsured	90% Confidence Interval
United States	247,300,000	46,600,000	15.9	0.2
Kentucky	3,052,486	565,192	15.6	0.8
Carroll County	7,868	1,269	13.9	2.3

Health Insurance

Number Enrolled

	KCHIP (2004)	KCHIP (2008)
Kentucky	50,913	57,379
Carroll	136	123

	Medicaid (2004)	Medicaid (2008)
Kentucky	328,659	356,919
Carroll	816	1,056

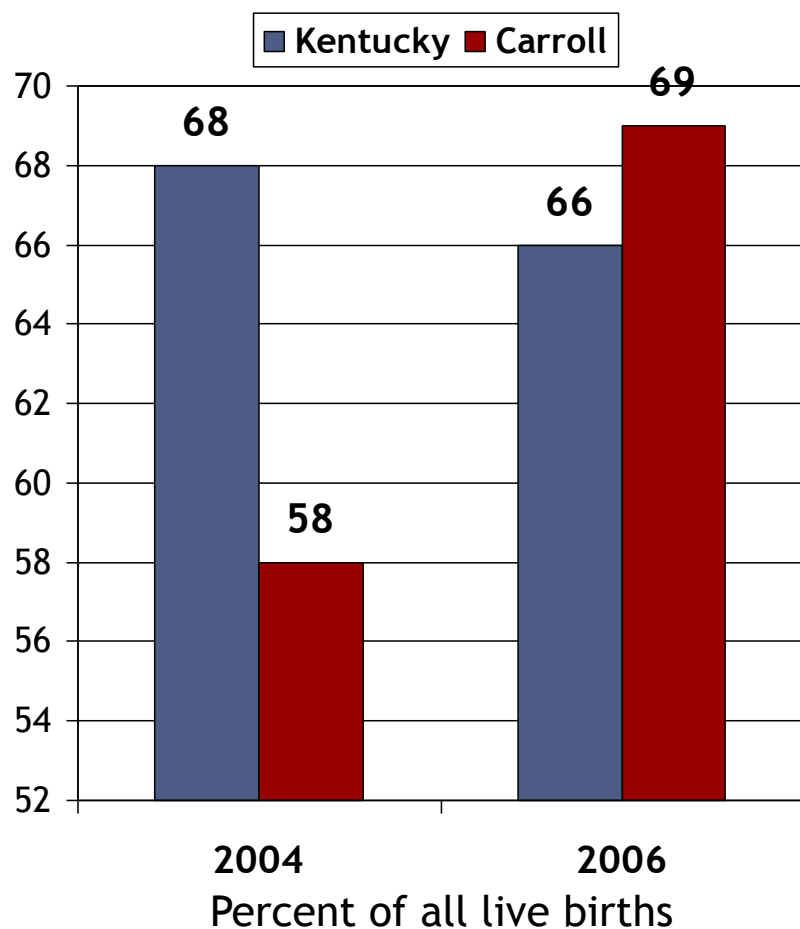
Source of Health Insurance

As a percentage

Based on Inpatient Records of Resident Citizens - 2009

Type of Payment	Kentucky	Carrollton, KY	Ghent, KY	Worthville, KY	Sanders, KY
Commercial Insurance	51.1	39.3	45.8	30.4	51.5
Medicaid	2.7	8.8	14.3	8.3	7.1
Medicare	35.8	34.5	28.1	39.1	26.3
Self Pay	3.9	6.4	5.2	9.2	4.8
Other Government	.9	.2	.8	0	.8
Other/Unknown	5.6	10.8	5.8	13.0	9.5

Prenatal Care

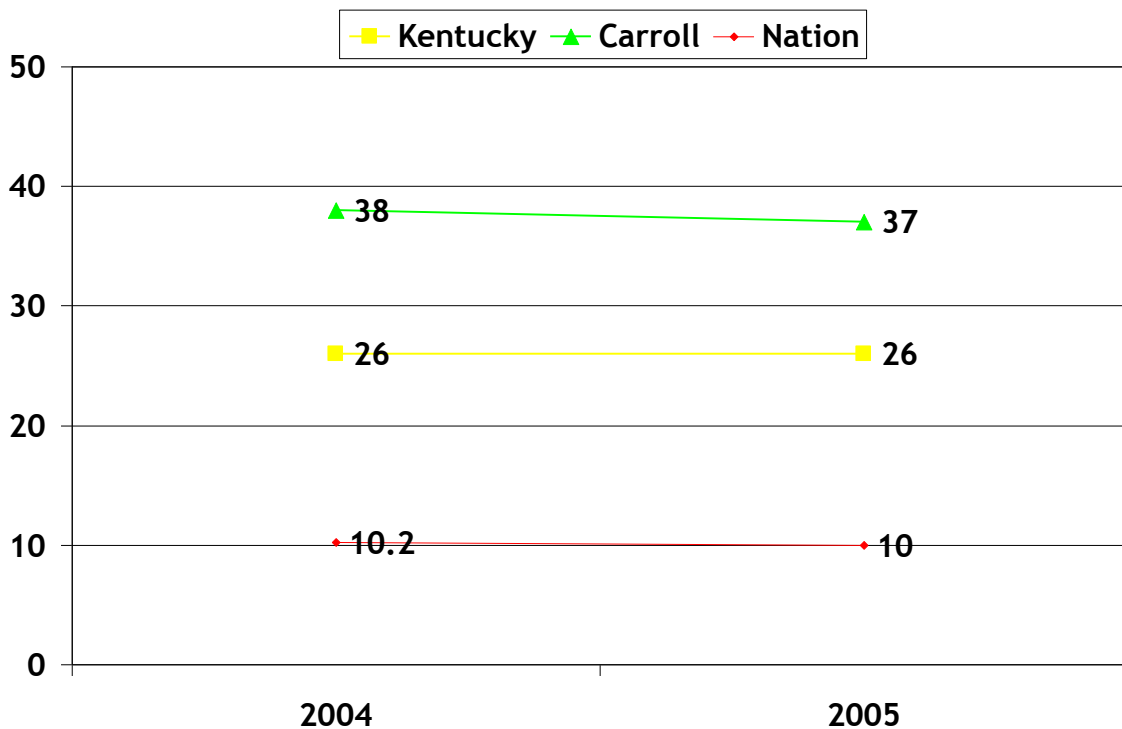


Births to Mothers Receiving Early and Regular Prenatal Care

	2004	2006
Kentucky	37,229	37,406
Carroll	95	96

Smoking during Pregnancy

As a Percentage



Totals

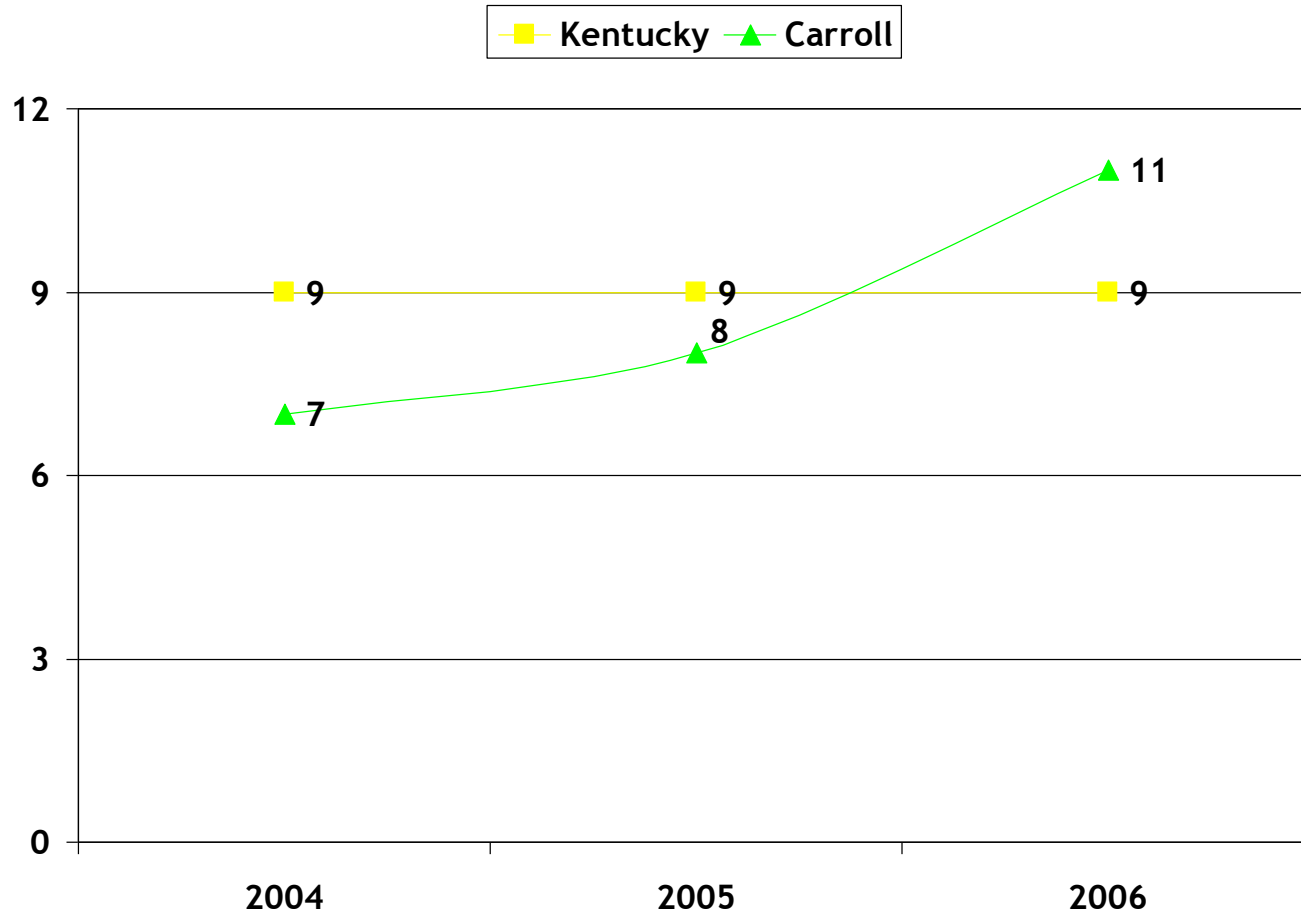
	2004	2006
Kentucky	13,810	14,942
Carroll	60	52

Annual Live Births

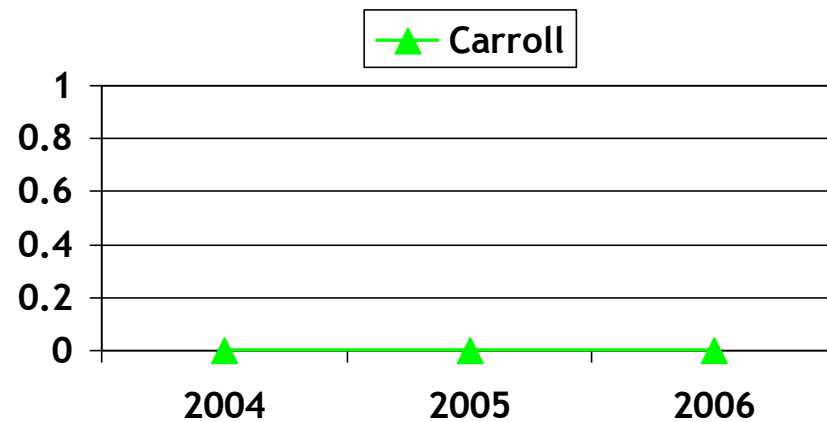
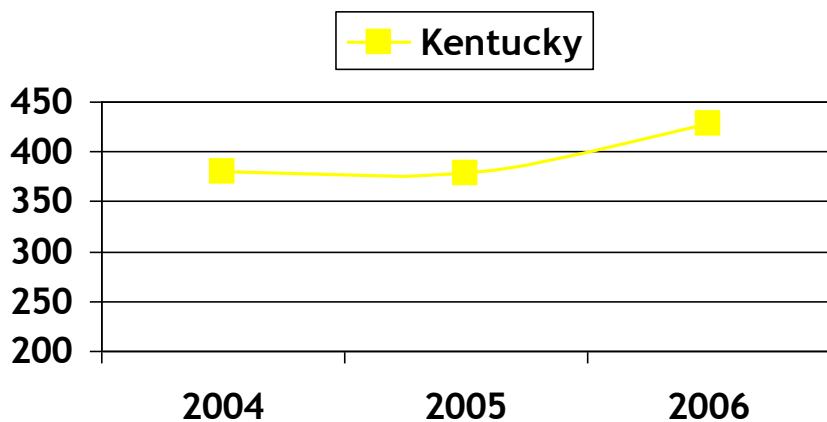
	2004	2005	2006
Kentucky	55,779	55,990	57,953
Carroll	165	142	140

Low Birth Weight

As a percentage



Infant Deaths



	2004	2005	2006
Kentucky	379	378	427

	2004	2005	2006
Carroll	0	0	0

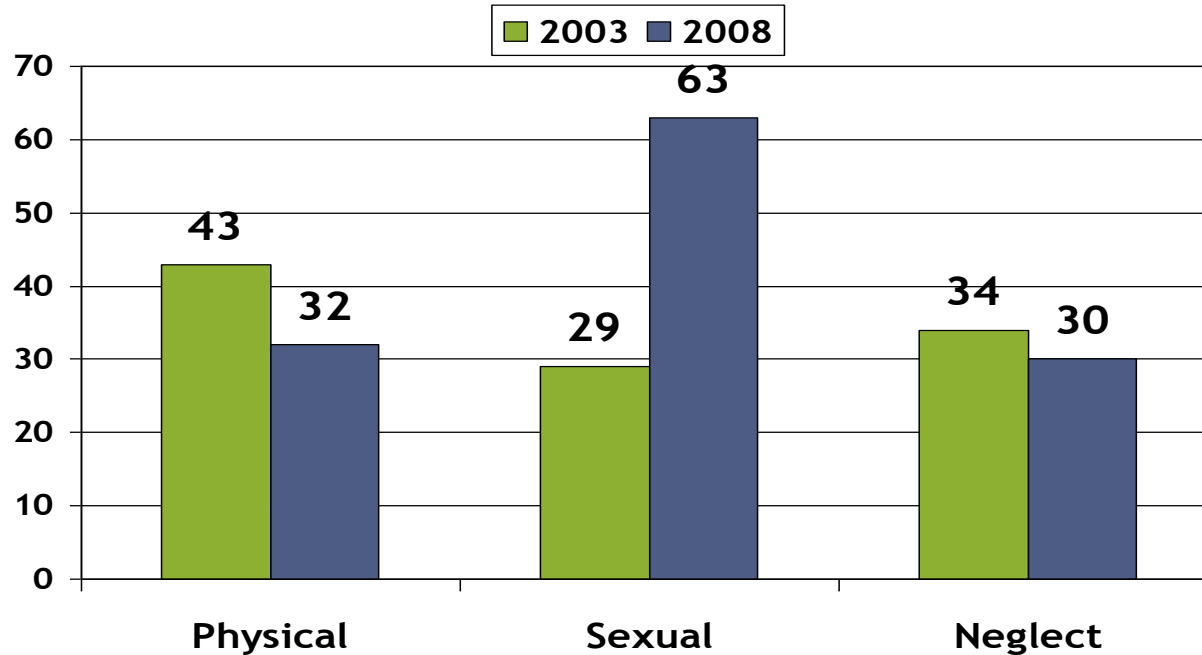
Immunization Coverage

Percent of children 19 - 35 months

Location	Immunization
Nation	81
Kentucky	80
Carroll	79

Child Abuse

Percent of Cases Substantiated



	Number Substantiated 2003	Number Substantiated 2008	% change in Victimization Rate
Kentucky	14,695	14,802	-1
Carroll	74	42	-45

Child Abuse

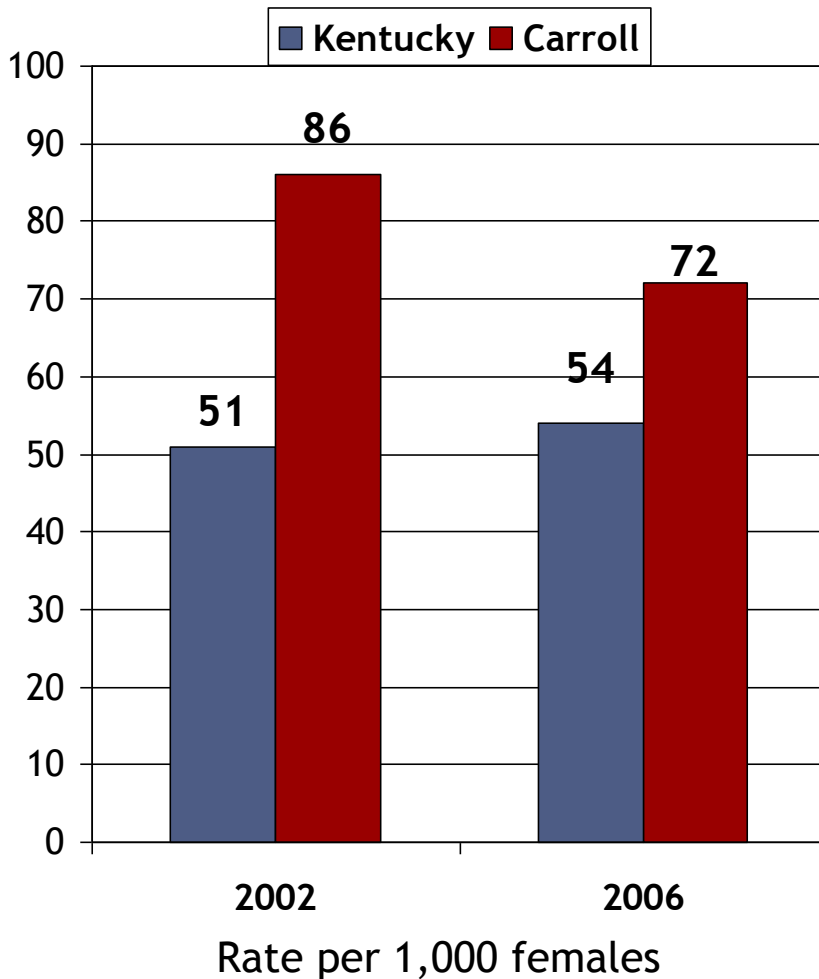
Child Physical Abuse	Number of Investigations (2003)	Number of Investigations (2008)
Kentucky	12,422	11,282
Carroll	67	34

Child Sexual Abuse	Number of Investigations (2003)	Number of Investigations (2008)
Kentucky	3,974	3,382
Carroll	17	8

Child Neglect	Number of Investigations (2003)	Number of Investigations (2008)
Kentucky	31,090	37,679
Carroll	138	98

Births to Teens

Number & Rate for Females ages 15-19



	2002	2006
Kentucky	6,850	7,340
Carroll	26	21

Infectious Disease, 2007

Per 100,000 population

Location	Infectious Disease
Nation	23
Kentucky	8
Carroll	1

Infectious Diseases: Hepatitis

- There were no new cases of **Hepatitis A** in 2003 and 2004.
- There were no new cases of **Hepatitis B** in 2003 and 1 case in 2004.
- There were no new cases of **Hepatitis C** in 2003 and 2004.

Tuberculosis

Number	2008	2007	2006	2005
Nation	12,904	13,288	13,727	14,067
Kentucky	101	120	84	124
Carroll	0	4	1	0

Rate	2008	2007	2006
Nation	4.2	4.4	4.6
Kentucky	2.4	2.9	2.0
Carroll	0	38	9.6

Sexually Transmitted Diseases

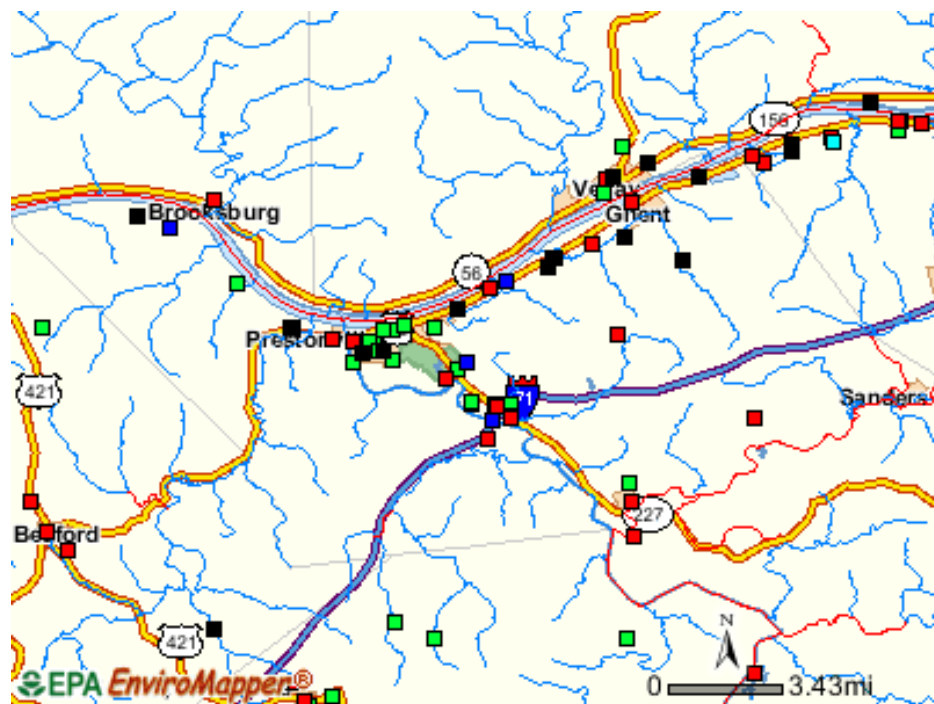
Newly diagnosed cases in the calendar year

Chlamydia	2009	2008	2007
Nation	n/a	1,210,523	1,108,374
Kentucky	13,293	12,163	8,798
Carroll	29	31	28

Gonorrhea	2009	2008	2007
Nation	n/a	336,742	355,991
Kentucky	3,827	4,548	3,449
Carroll	1	7	1

Syphilis	2009	2008	2007
Nation	n/a	13,510	11,466
Kentucky	92	218	188
Carroll	0	0	0

Environmental Facts



LEGEND

- Discharges to water
- Superfund sites
- Hazardous waste
- Toxic releases
- Air releases
- Others
- Multiple
- Streets
- Water Bodies
- Counties

Air

Facilities that product and release air pollutants: 7

Toxics

Facilities that have reported toxic releases: 3

Waste

Facilities that have reported hazardous waste activities: 30

Superfund Sites: 1

Water

Facilities issued permits to discharge to waters: 14

Community Water Systems that serve the same people year-round: 6

Watersheds: Silver-Little KY

Middle Ohio-Lauhery

Lower Kentucky

Lead Screenings

Number, Rate per 100 children, & Confirmed Cases; Ages 6 and under

2007	Screenings		Confirmed Cases
	Number	Rate	
Kentucky	40,529	12	109
Carroll	118	13	<6

2005	Screenings		Confirmed Cases
	Number	Rate	
Kentucky	28,437	9	242
Carroll	90	10	1

Occupational Safety, 2004

Fatal and non-fatal injuries

Location	Fatal Injuries*	Non-fatal Injuries*
Kentucky	106	32,825
Carroll	1	141

*** All injuries are non-agricultural injuries. There were no injuries in agriculture-related occupations in Carroll County in 2004.**

Occupational Fatalities

Per 100,000 workers

Location	Number of Occupational Fatalities
Nation	5
Kentucky	8
Carroll	14

Prevalence of Smoking

Adults

Percent of adult population

Location	Percent
Nation	21
Kentucky	29
Carroll	35

Youth

Percent of high school students

Location	Percent
Nation	23
Kentucky	25
Carroll	31

Obesity and Physical Activity

Prevalence of Obesity

Percent of adult population

Location	Percent
Nation	24
Kentucky	29
Carroll	25

Lack of Physical Activity

Percent of adult population

Location	Percent
Nation	24
Kentucky	32
Carroll	43

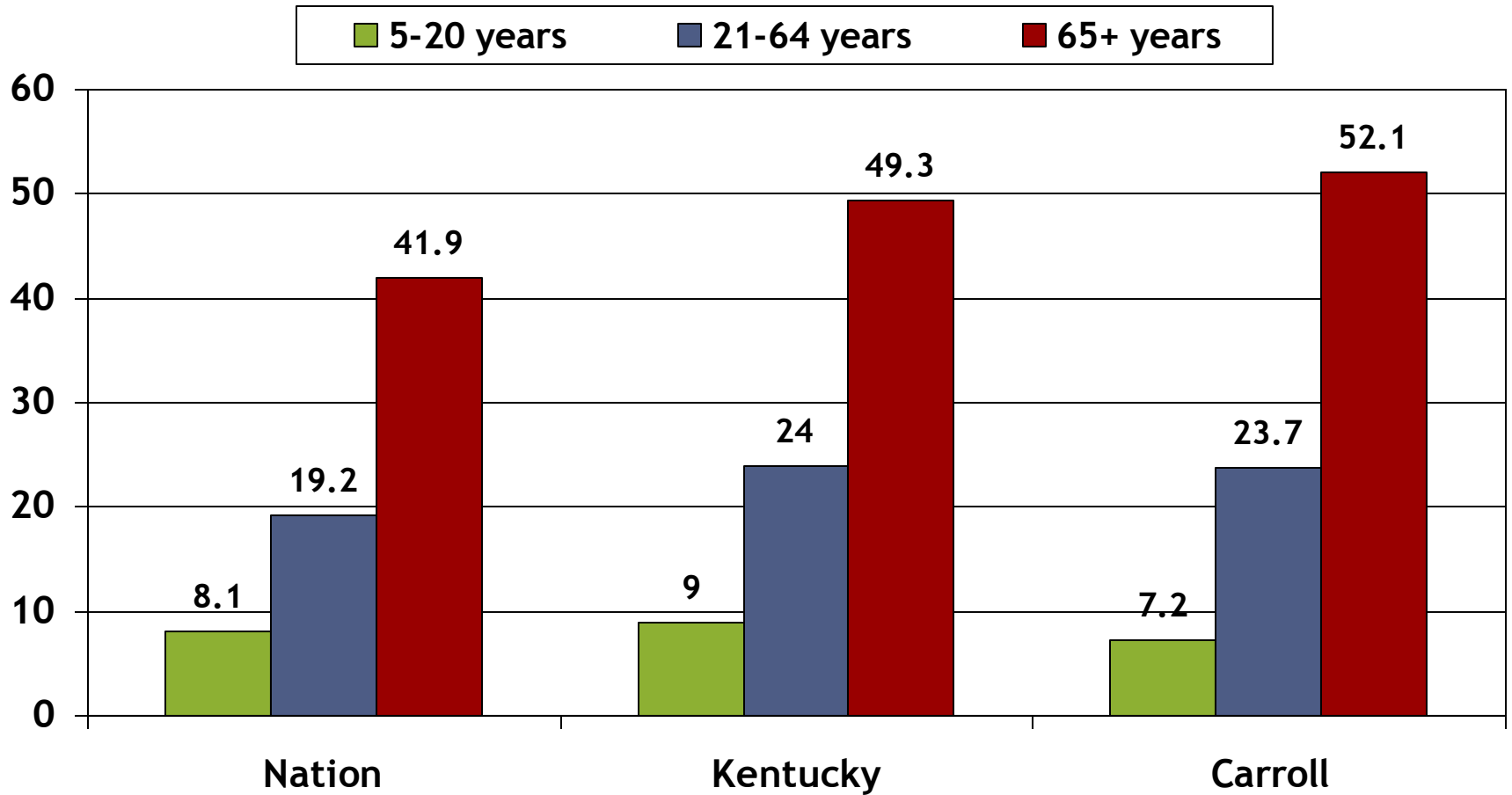
Access to Health Care

Primary Care Physician to Population Ratio (1:3,500)

Location	Ratio
Nation	3.7
Kentucky	2.5
Carroll	1.4

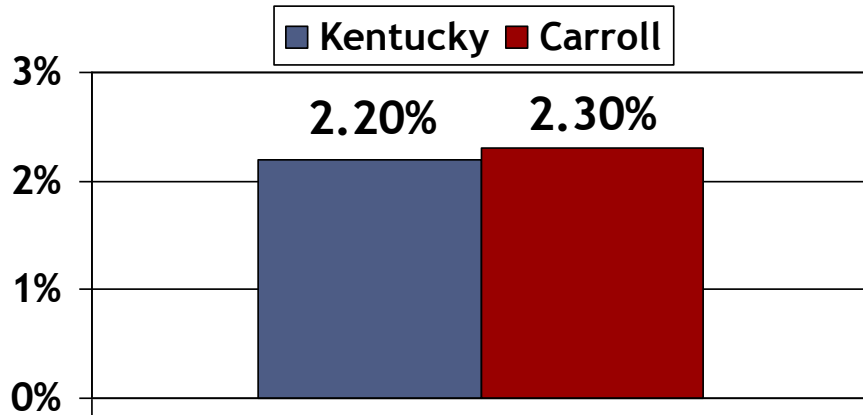
With Disability

Noninstitutionalized

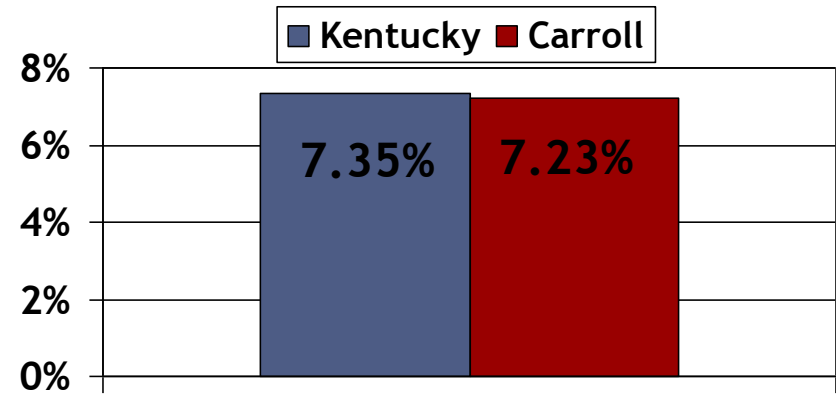


Asthma

Pediatric



Adult



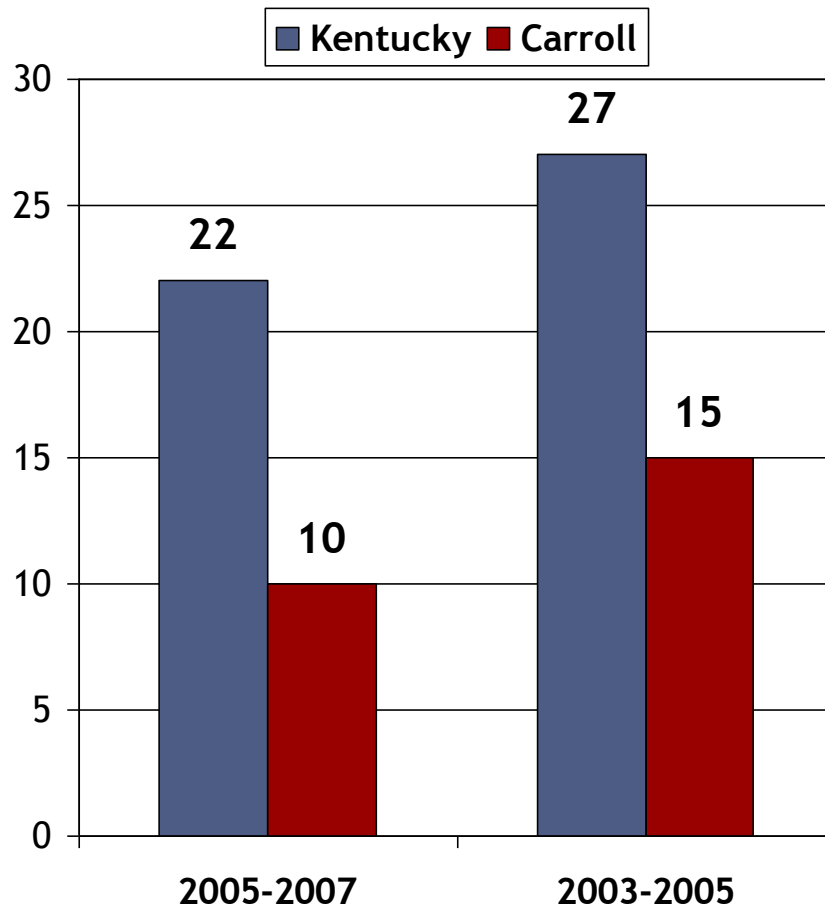
Cases	
Kentucky	84,897
Carroll	248

Cases	
Kentucky	313,947
Carroll	769

Source: American Lung Association "Estimated Prevalence and Incidence of Lung Disease" - January 2010

Asthma Hospitalizations

Number & Rate per 10,000

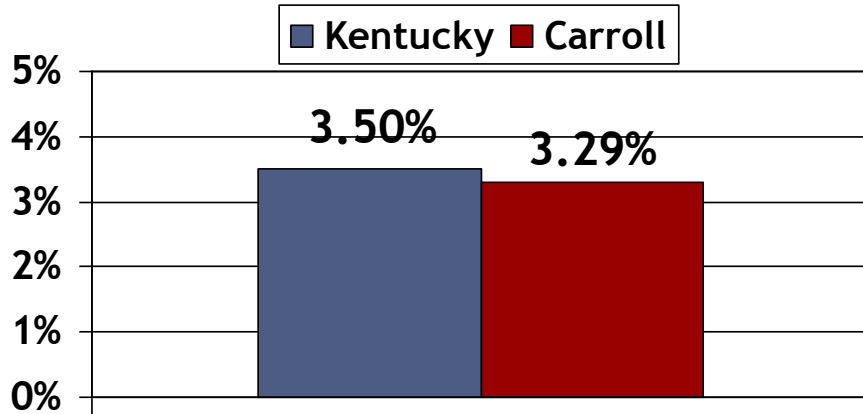


	2007 Number	2003-2005 Number
Kentucky	6,654	8,085
Carroll	8	12

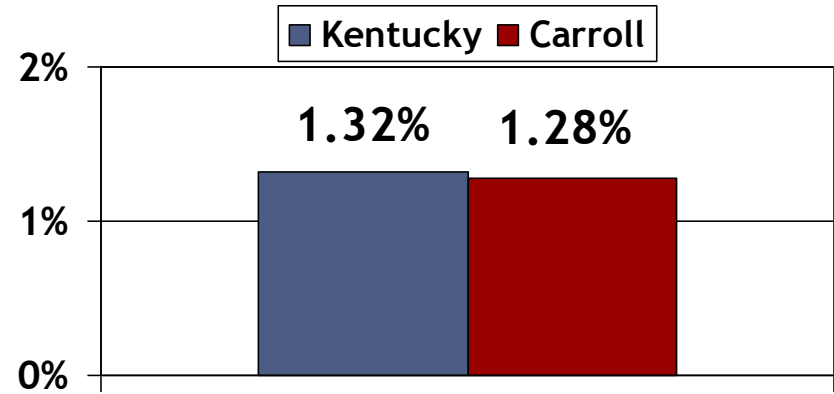
Source: KIDS Count/Kentucky Youth Advocates and Kentucky Asthma Surveillance Report - 2009

Lung Diseases

Chronic Bronchitis



Emphysema



Cases	
Kentucky	143,283
Carroll	350

Cases	
Kentucky	56,502
Carroll	137

Source: American Lung Association "Estimated Prevalence and Incidence of Lung Disease" - January 2010

Diabetes Statistics

Prevalence Rates

Percent adults

	2007
Nation	7
Kentucky	9
Carroll	6

Death Rates

Rate per 100,000 population

	2005	2004	2003
Nation	25.3	24.9	25.5
Kentucky	28.0	29.2	31.4
Carroll	28.7	29.1	58.5

Source: *The Health of Kentucky: A County Assessment*, Kentucky Institute of Medicine 2007/CDC, Behavior Risk Factor Surveillance System (BRFSS) - 2005

Cancer Death Rates

Per 100,000 population

Lung / Bronchus	
Nation	55
Kentucky	80
Carroll	77

Colorectal	
Nation	20
Kentucky	23
Carroll	30

Breast	
Nation	26
Kentucky	27
Carroll	20

Prostate	
Nation	28
Kentucky	33
Carroll	23

Heart Related Deaths

Rate per 100,000 population

Heart Disease	2003 - 2007
Nation	215
Kentucky	224
Carroll	266.7

Ischemic Heart Disease	2003	2002	2001
Nation	165.1	171.7	176.1
Kentucky	178.1	168.2	189.3
Carroll	185.7	161.3	225.8

CHD	2003	2002	2001
Nation	174.8	189.8	184.4
Kentucky	186.5	182.7	195.4
Carroll	195.5	194.6	225.8

CHD: Coronary Heart Disease

Respiratory Death Rates

Rate per 100,000 population

Chronic Lower Respiratory Disease (CLRD)	2005	2003	2002
Nation	36.8	43.5	43.33
Kentucky	59.5	58.1	58.7
Carroll	118.8	78.2	97.3

Stroke Death Rate

Rate per 100,000 population

2003-2007	
Nation	48.6
Kentucky	47
Carroll	40.5

Methamphetamine - Related Arrests

Carroll County	Arrests
1995	7
2004	36

Major Business & Industry

Manufacturing & Supportive Service Firms Only

Firm	Product(s) / Service(s)	Employees	Year
Airgas Inc.	Industrial Gases	n/a	2009
Arkema, Inc.	Organic & inorganic tin chemicals	200	1958
CertainTeed Gypsum	Gypsum wallboard	78	2000
Dow Corning Corporation	Silicon-based products / intermediaries	380	1966
DRC Industries	Cardboard tubing and packaging	40	2004
Hyponex Corporation	Manufacturers of Scotts Miracle-Gro	15	2008
Irving Materials Inc	Ready-mixed concrete & products	12	1949
Ohio Valley Asphalt LLC	Asphalt, paving, & grading	50	1953
North American Stainless	Stainless steel coils, sheets, etc.	1,400	1990
RECMIX of Kentucky	Process stainless steel slag	25	2004

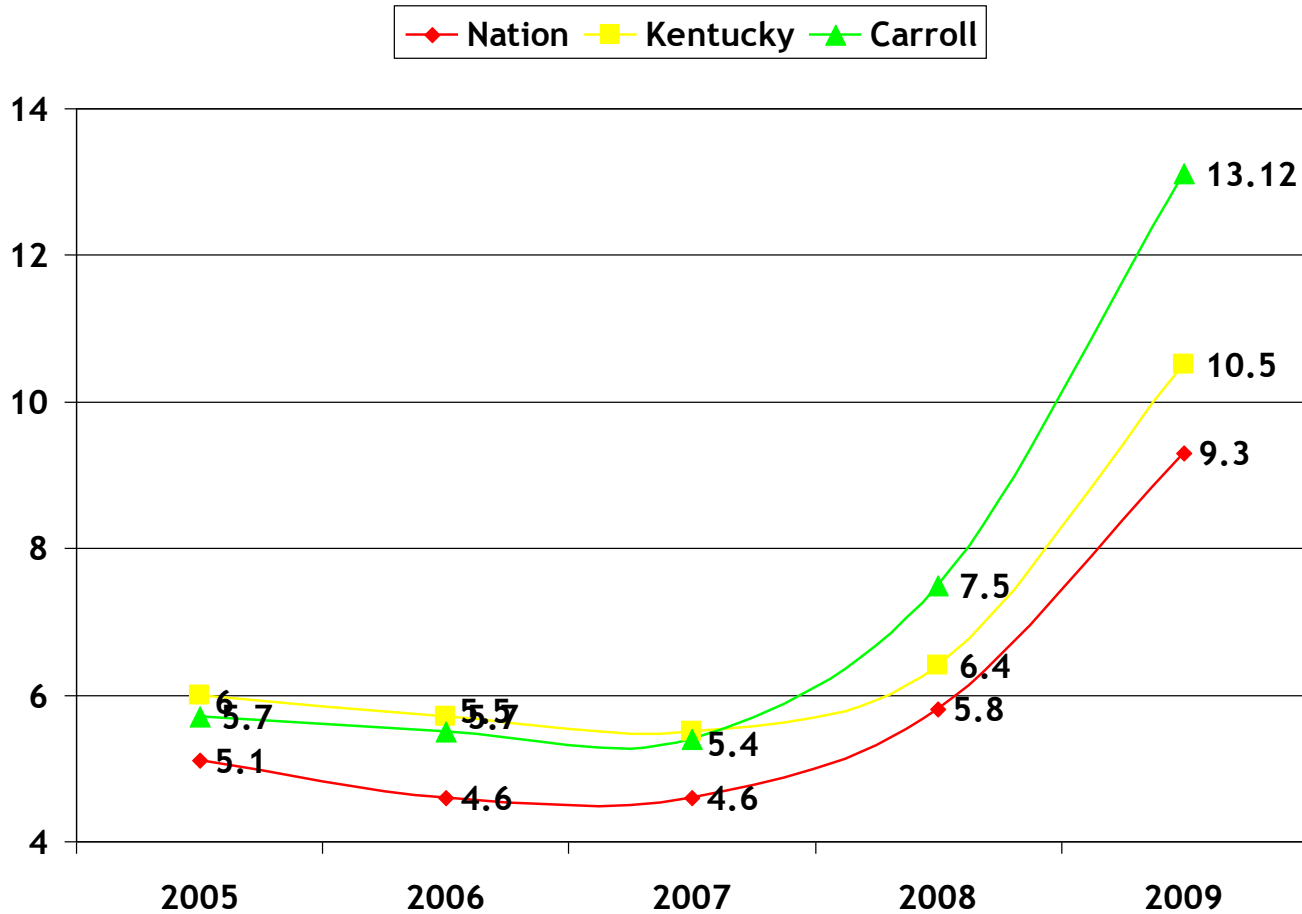
Land Use

Crops: Tobacco

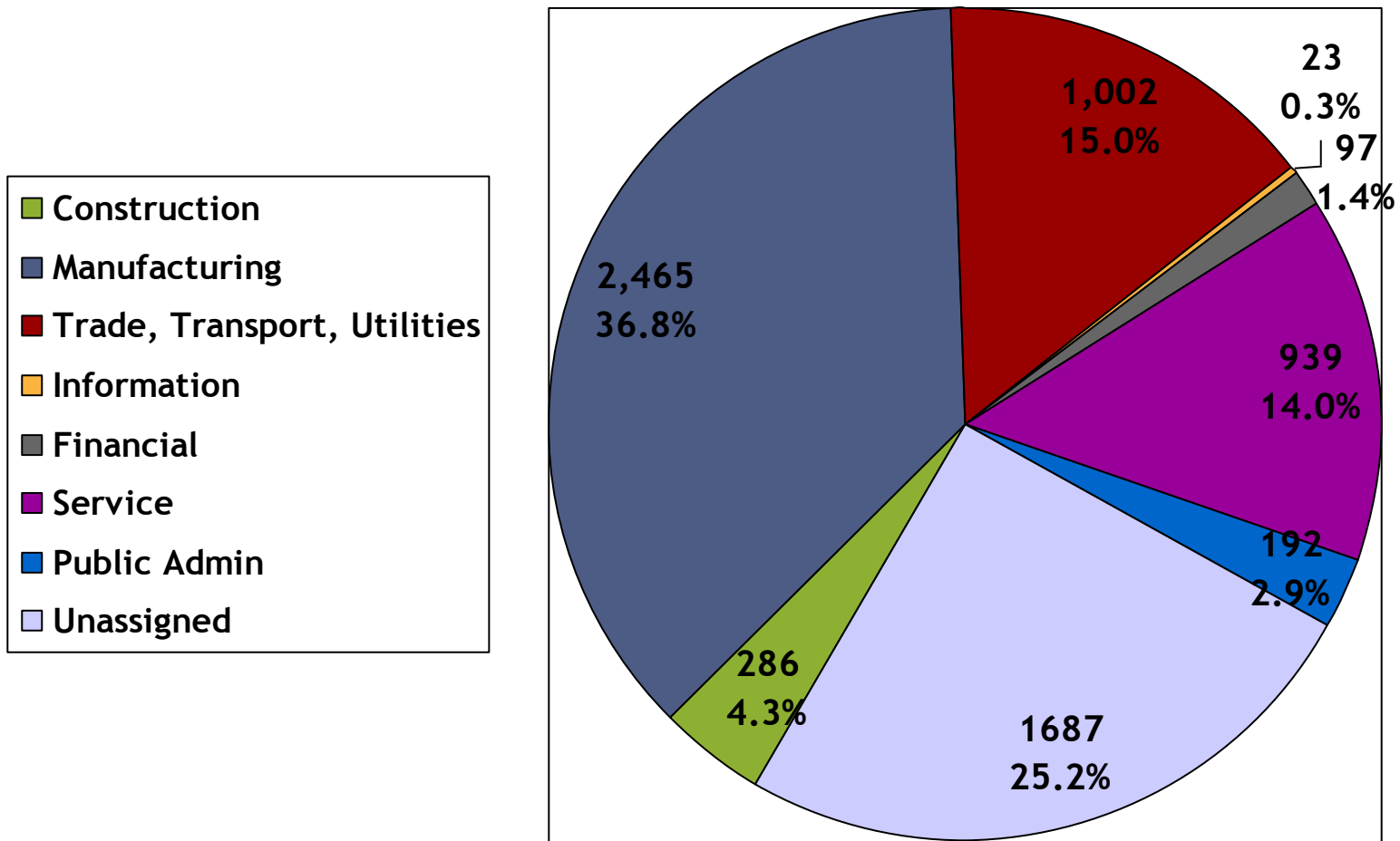
	Harvested Acres	Production in (000) lbs	Tobacco Crop Sales
2002	963	1,760	\$3,093,000
2007	565	1,144	N/A

Unemployment Rate

As a percentage

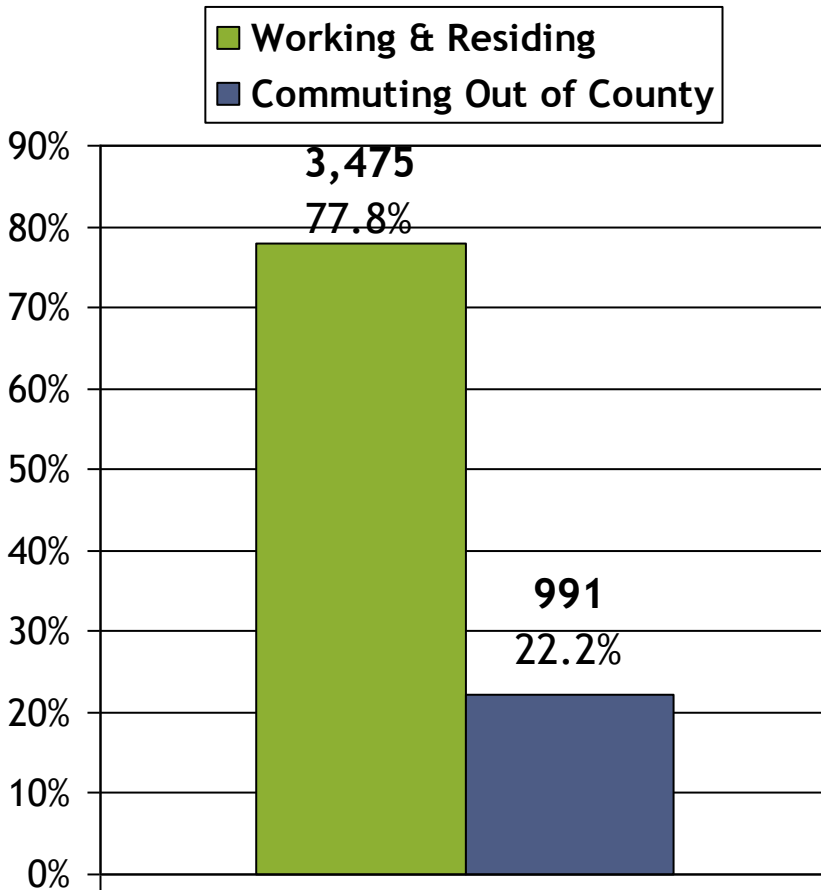


Employment by Major Industry by Place of Work



Commuting Patterns, 2000

Residents of Carroll County



Employees of Carroll County

