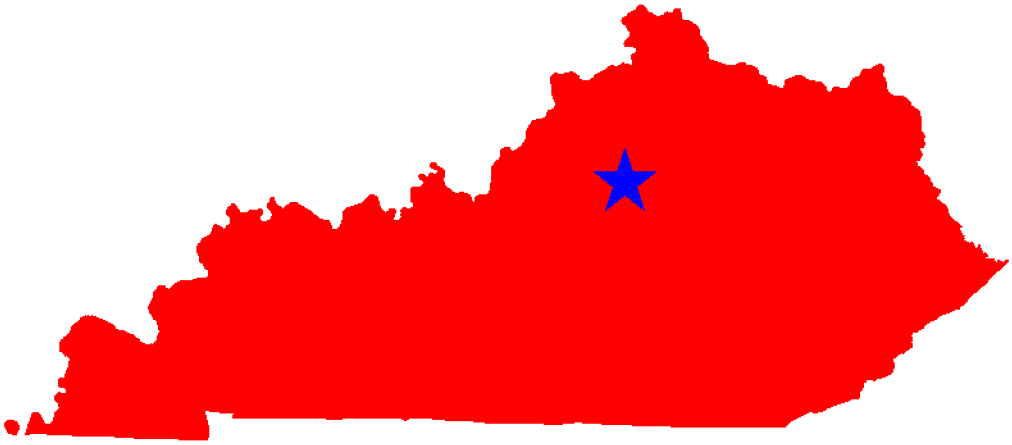
Traffic Safety Facts, Kentucky , 2005



Traffic Safety Facts, Kentucky , 2005

Fatality Rates: Kentucky , U.S. and Best State, 2005

2005	Fatalities	Fatality Rate per 100M VMT	Fatality Rate per 100K Population
Kentucky	985		23.6
US	43,443		14.7
Best State*			6.91

*Best Rates: Lowest Rates Attained Across All States

2005 Vehicle Miles Traveled (VMT) Data is Currently Not Available

Fatalities in Motor Vehicle Traffic Crashes
Vehicle Miles Traveled (VMT) and Population
2001 - 2005

Crash Year	Total Fatalities	VMT (Millions)	Total Alcohol Related Fatalities (BAC=.01+)		High Alcohol Related Fatalities (BAC=.08+)		*Unrestrained Passenger Vehicle Fatalities	
			Number	Percent	Number	Percent	Number	Percent
2001	845	46,258	251	30	218	26	490	70
2002	915	46,841	302	33	263	29	486	64
2003	928	46,748	277	30	242	26	518	68
2004	964	47,322	307	32	269	28	528	67
2005	985		313	32	267	27	509	65

Crash Year	Motorcyclist Fatalities	Speeding Related Fatalities	16-20 Year Old Fatalities	Total Population	16-20 Year Old Population
2001	59	156	127	4,066,908	289,807
2002	45	179	154	4,088,510	286,065
2003	58	122	112	4,116,780	284,183
2004	68	196	141	4,141,835	281,814
2005	89	187	129	4,173,405	282,673

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

Traffic Safety Facts, Kentucky , 2005

Trend of Fatalities, 2001 - 2005

		2001	2002	2003	2004	2005
Fatality Counts	**Total Fatalities**	845	915	928	964	985
	Alcohol-Related	251	302	277	307	313
	Single Vehicle	446	493	499	511	547
	Non-Junction	666	768	778	793	795
	Intersection	148	122	115	109	132
	Intersection-Related	2	9	15	29	24
	Speeding Involved	156	179	122	196	187
	Pedestrians	53	55	61	48	54
	Pedalcyclists	8	9	5	7	12
	Large Truck Involved	107	122	119	124	124
	Roadway Departure	553	649	651	687	700
	Passenger Car Occupants	450	455	435	474	474
	Light Truck/Van Occupants	253	306	325	319	309
	Other/Unknown Occpants (not including Motorcycles)	20	45	41	47	43
	Total Occupants (not including Motorcycles)	723	806	801	840	826
	Motorcycle Riders	59	45	58	68	89

Traffic Safety Facts, Kentucky , 2005

Economic Impact of Motor Vehicle Traffic Crashes, 2000

	Overall	In Speeding-Related Crashes
Kentucky	$3.114 Billion	$0.565 Billion
U.S.A	$230.568 Billion	$40.390 Billion

2000 is the Most Recent Year for Which Data is Available

Available Highway Safety Program Funds

	FY 2005
Section 157 Safety Belt Use Incentive	$464,474
Section 157 Safety Belt Use Innovative	$1,130,000
Section 163 .08 BAC	$1,107,706
Section 163 SES Enforcement	$0
Section 164 Repeat Offender Transfer	$0
Section 402 Formula	$2,290,764
Section 405 Occupant Protection	$505,276
Section 410 Impaired Driving	$685,279
Section154 Open Container Transfer	$0
Total	$6,183,499

Fatalities in Alcohol Related Crashes, 2005

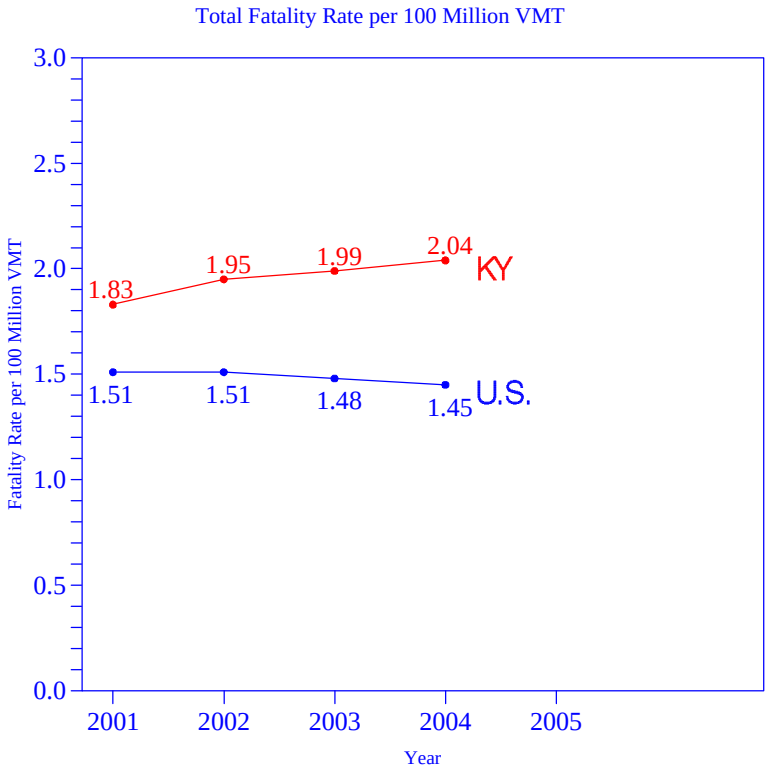
2005	Alcohol-Related (Number)	Alcohol-Related (%)	Rate per 100M VMT	Fatalities where Highest BAC in Crash was .08+	Percentage where Highest BAC in Crash was .08+
Kentucky	313	32%		267	27%
US	16,885	39%		14,539	33%
Best State*		13%			12%

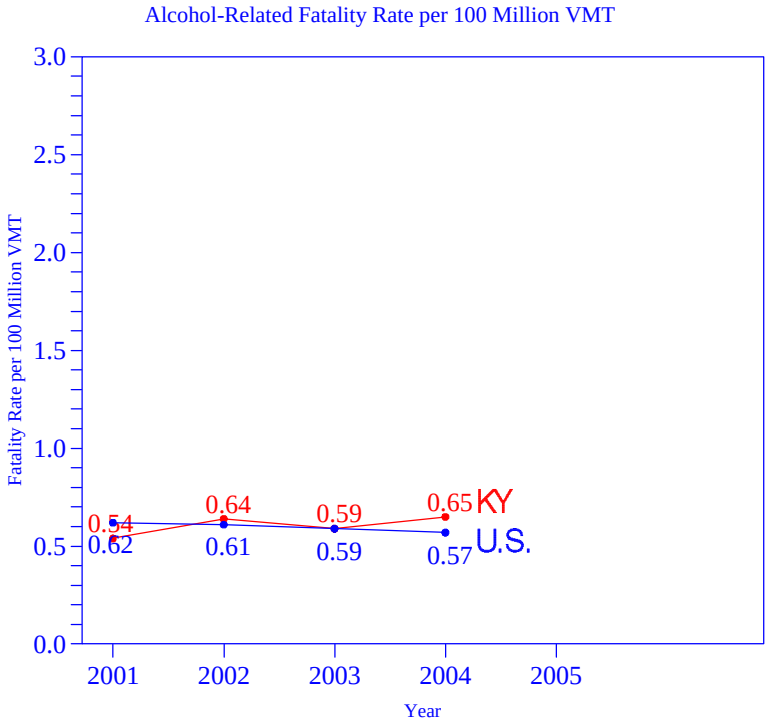
*State with Lowest Alcohol-Related Fatality Rate.

2005 Vehicle Miles Traveled (VMT) Data is Currently Not Available

Traffic Safety Facts, Kentucky , 2005

Trend Charts of Total and Alcohol-Related Fatality Rates per 100 Million VMT



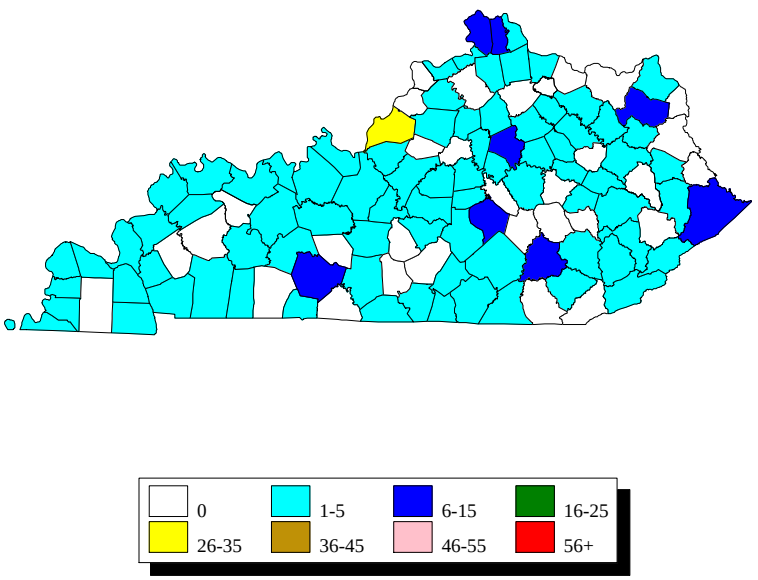


2005 Vehicle Miles Traveled (VMT) Data is Currently Not Available

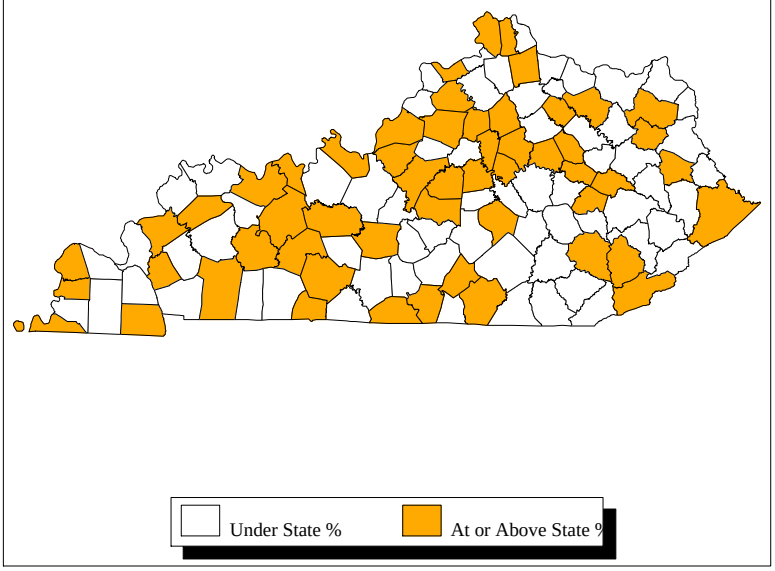
Traffic Safety Facts, Kentucky , 2005

State-County Maps of Alcohol-Related Fatalities

Alcohol-Related Fatalities, by County, Kentucky, 2005



Alcohol-Related Fatalities as a Percent of all Fatalities, by County, Kentucky, 2005
State % = 31.78%



Traffic Safety Facts, Kentucky , 2005

Top 10 Counties for Fatalities/Fatality Rates

Rank by Number of Fatalities

Rank	County	Fatalities	Rate per 100,000 Population
1	Jefferson	102	14.58
2	Fayette	34	12.68
3	Pike County	29	43.33
4	Laurel	27	47.93
5	Warren	27	27.28
6	Madison	21	27.01
7	Boone	18	16.94
8	Hardin	17	17.54
9	Floyd	16	37.90
10	Pulaski	16	27.03

Rank by Rate of Fatalities

Median Rate for all U.S. Counties : 23.23

Rank	County	Fatalities	Rate per 100,000 Population
1	Fulton County	7	96.99
2	Wolfe County	6	84.87
3	Breathitt	13	81.47
4	Hickman	4	78.82
5	Cumberland	5	69.96
6	Hancock	6	69.66
7	Bath County	8	68.81
8	Carroll County	7	66.96
9	Owsley County	3	63.21
10	Knott County	11	62.64

Top 10 Counties for Alcohol-Related Fatalities/Fatality Rates

Rank by Number of Alcohol-Related Fatalities

Rank	County	Fatalities	Rate per 100,000 Population
1	Jefferson	35	5.00
2	Fayette	14	5.22
3	Warren	12	12.13
4	Pike County	12	17.93
5	Boone	10	9.41
6	Lincoln	8	31.84
7	Kenton	7	4.56
8	Laurel	7	12.43
9	Carter	6	21.97
10	Calloway	5	14.24

Rank by Rate of Alcohol-Related Fatalities

Median Rate for all U.S. Counties : 7.615

Rank	County	Fatalities	Rate per 100,000 Population
1	Fulton County	4	55.42
2	Wolfe County	3	42.43
3	Cumberland	3	41.98
4	Hancock	3	34.83
5	Lincoln County	8	31.84
6	Elliott County	2	28.98
7	Carroll County	3	28.70
8	Pendleton	4	26.45
9	Monroe County	3	25.73
10	Breathitt	4	25.07

Traffic Safety Facts, Kentucky , 2005

Top 10 Counties for Motorcyclist Fatalities/Fatality Rates

Rank by Number of Motorcyclist Fatalities

Rank	County	Fatalities	Rate per 100,000 Population
1	Jefferson	11	1.57
2	Laurel	4	7.10
3	Warren	4	4.04
4	Boone	3	2.82
5	Christian	3	4.28
6	Daviess	3	3.22
7	Graves	3	7.97
8	Hopkins	3	6.42
9	Letcher	3	12.28
10	Madison	3	3.86

Rank by Rate of Motorcyclist Fatalities

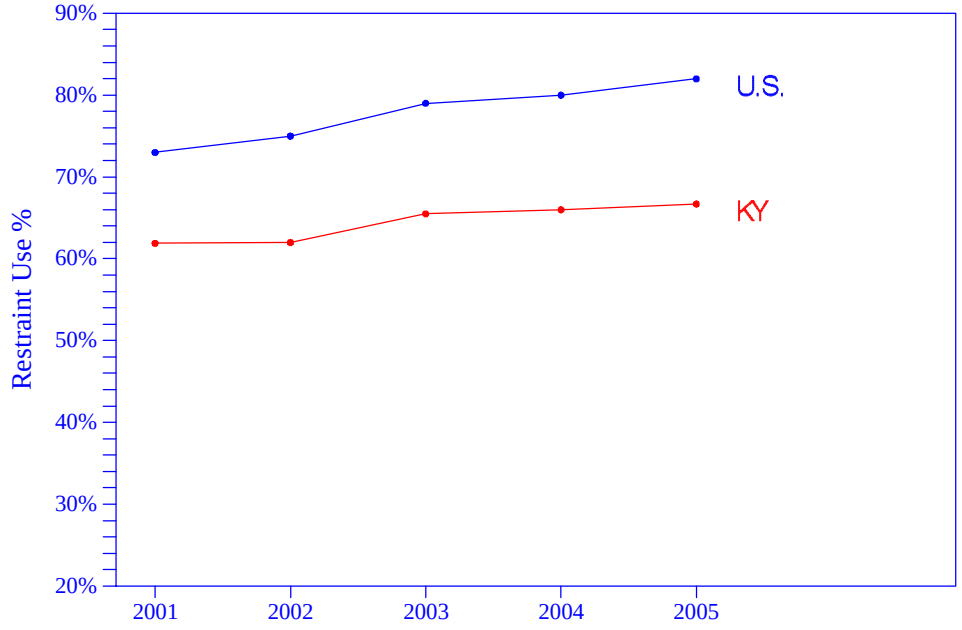
Median Rate for all U.S. Counties : 2.85

Rank	County	Fatalities	Rate per 100,000 Population
1	Hickman	1	19.70
2	Elliott	1	14.49
3	Fulton	1	13.86
4	Gallatin	1	12.29
5	Letcher	3	12.28
6	McCreary	2	11.61
7	Rowan	2	9.00
8	Bath County	1	8.60
9	Graves	3	7.97
10	Lincoln	2	7.96

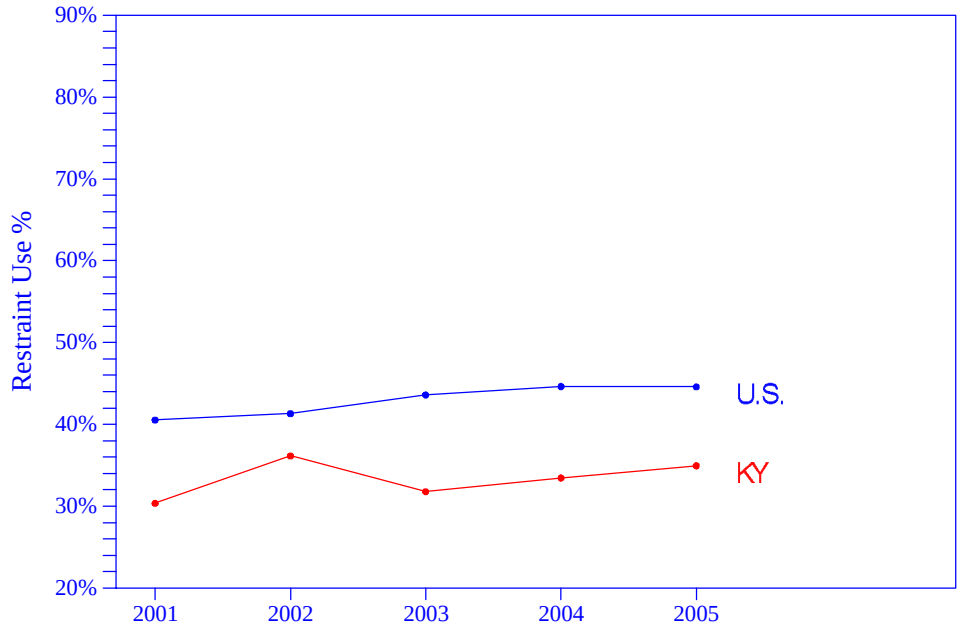
Traffic Safety Facts, Kentucky , 2005

Trends of Restraint Use: Observed and Among Fatally Injured Passenger Vehicle Occupants

Observed Restraint Use Percent: Kentucky and U.S.



Percent Restraint Use Among Fatally Injured Passenger Vehicle Occupants: Kentucky and U.S.



Traffic Safety Facts, Kentucky , 2005

Percent Belt-Use Rates Observed Overall and Among Fatally Injured Passenger Vehicle Occupants

Belt Use Rates: Kentucky , U.S. and Best State, 2005

	2005	
	*Observed Restraint Use %	Passenger Vehicle Occupant Fatality Restraint Use %
Kentucky	67%	35%
USA	82%	45%
Best State	95%	68%

*NCSA National Occupant Protection Use Survey (NOPUS), Kentucky (State Survey)

Passenger Vehicle Occupant Deaths (age 5+)

Restraint Use (Safety Belts & Child Seats)	Total	Restrained	Unrestrained	Unknown	Current Lives Saved	Additional Savable at 100%
Kentucky	774	265	507	2		

Passenger Vehicle Occupant Deaths (age <5)

Child Restraints (Includes Child Seats and Belts)	Total	Restrained	Unrestrained	Unknown	Current Lives Saved	Additional Savable at 100%
Kentucky	9	8	1	0		

Motorcycle Rider Deaths

	Total	Helmeted	Unhelmeted	Unknown	Current Lives Saved	Additional Savable at 100%
Kentucky	89	31	58	0		

2005 Lives Saved Data is Currently Not Available

Traffic Safety Facts, Kentucky , 2005

Speeding-Related Fatalities and Other Statistics of Interest

Speeding Related, 2005

2005	Number of Fatalities in Crashes Involving Speeding	Percent of Fatalities That Are Speeding Related
Kentucky	187	19%
US	13,113	30%
Best State*		7%

*Best Rate: Lowest Rate Attained Across All States

Other Statistics of Interest

	Fatalities in Kentucky	Percent of Total Fatalities in Kentucky	Fatalities in US	Percent of Total Fatalities in US
Intersection Fatalities	132	13%	7,796	18%
Pedestrian Fatalities	54	5%	4,881	11%
Pedalcyclists	12	1%	784	2%
Fatalities in Crashes Involving Large Trucks	124	13%	5,212	12%
*Roadway Departure Fatalities	700	71%	25,397	58%
Passenger Cars	474	48%	18,440	42%
Light Trucks and Vans	309	31%	12,975	30%
**Other/Unknown	43	4%	1,626	4%
Total Occupants	826	84%	33,041	76%
Motorcycle Riders	89	9%	4,553	10%
***Total Nonmotorists	70	7%	5,849	13%
Total Fatalities	985		43,443	

*Fatalities based on FHWA Definition

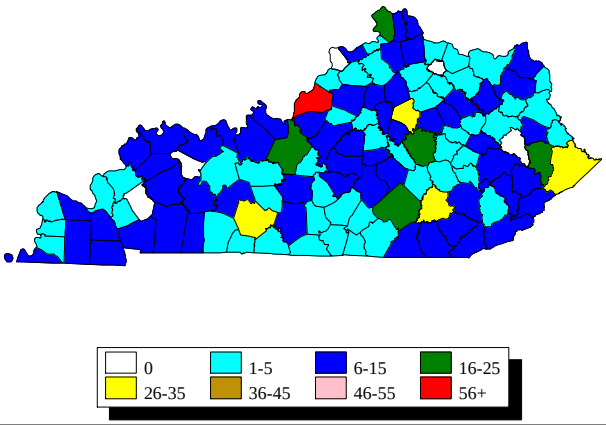
**Includes Occupants of Large Trucks, Buses and Unknown Vehicle Types

***Includes Pedestrians, Pedalcyclists and Other Non-Motorists

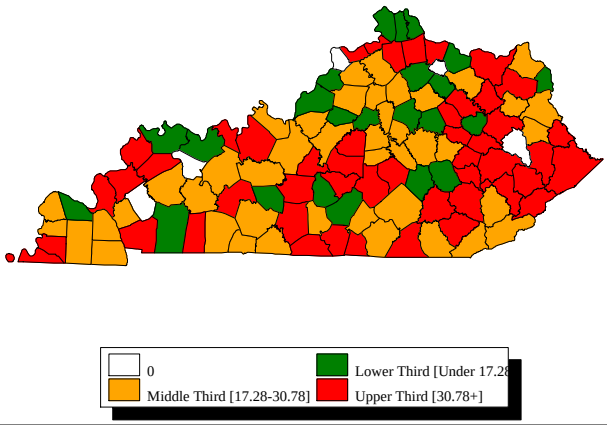
Traffic Safety Facts, Kentucky , 2005

Assorted State-County Maps

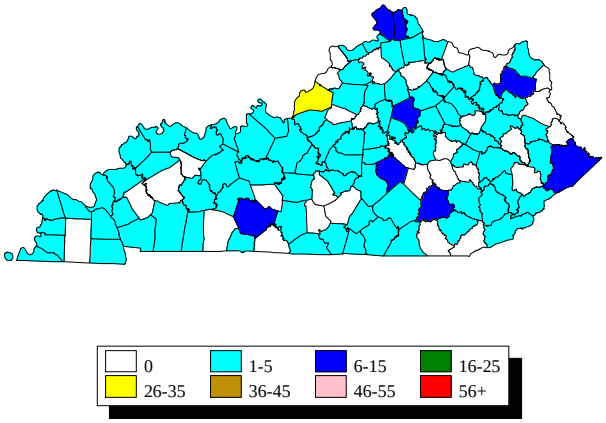
Total Fatalities, Kentucky , 2005
Fatalities



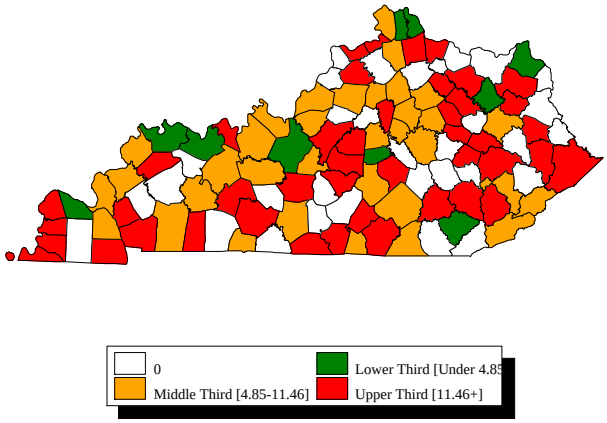
Total Fatalities, Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



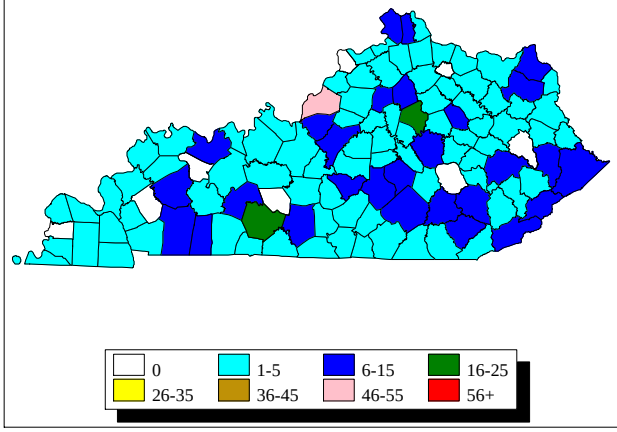
Alcohol-Related, Kentucky , 2005
Fatalities



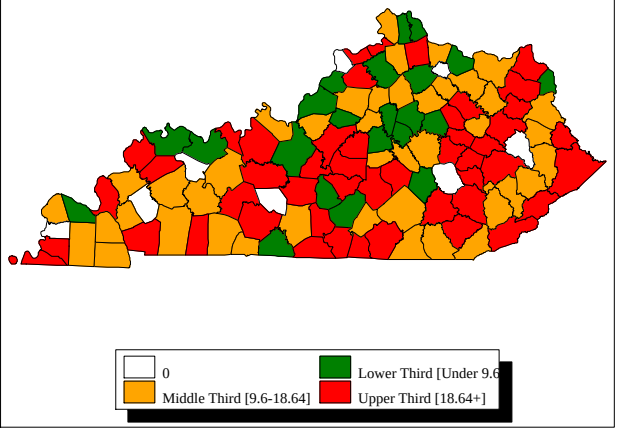
Alcohol-Related, Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



Single Vehicle Crashes, Kentucky , 2005
Fatalities



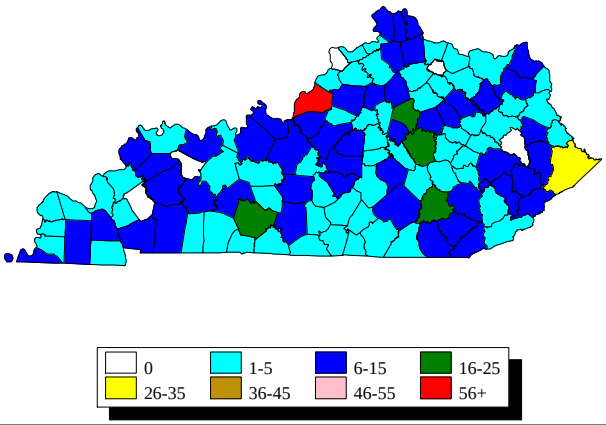
Single Vehicle Crashes, Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



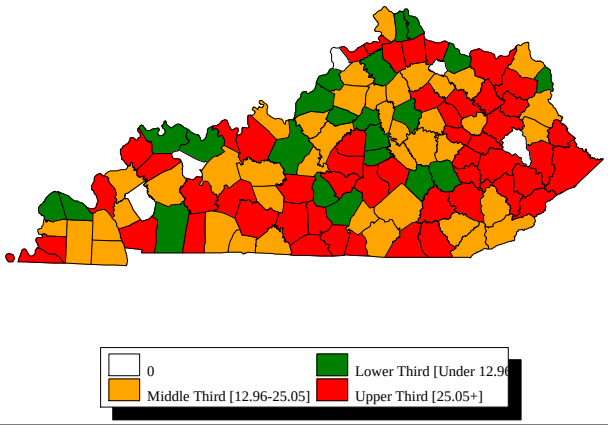
Traffic Safety Facts, Kentucky , 2005

Assorted State-County Maps

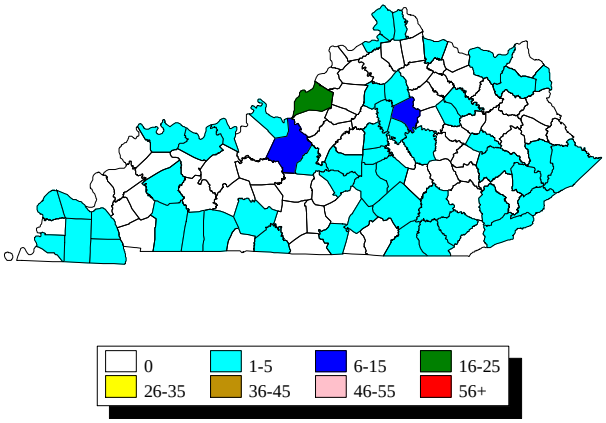
Non-Junction Crashes, Kentucky , 2005
Fatalities



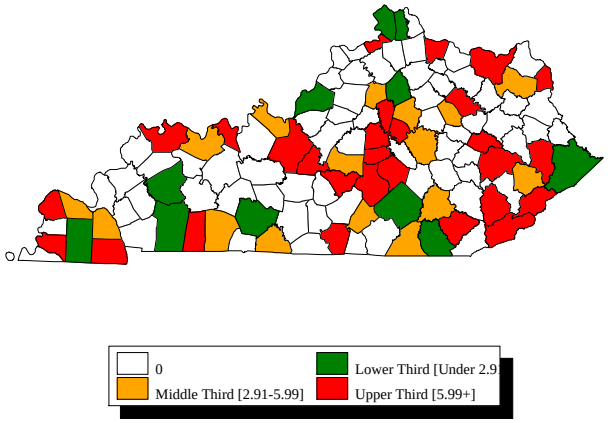
Non-Junction Crashes, Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



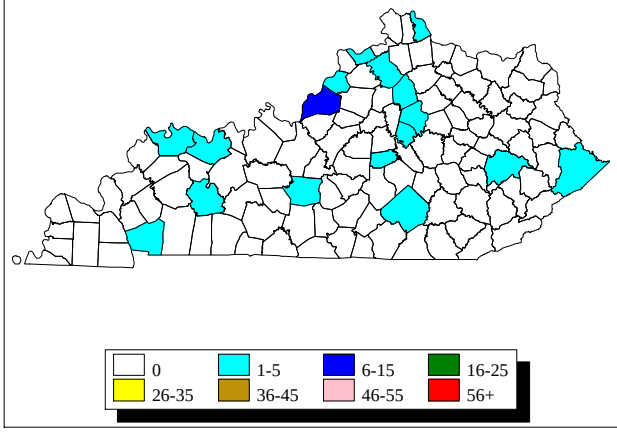
Intersection Crashes, Kentucky , 2005
Fatalities



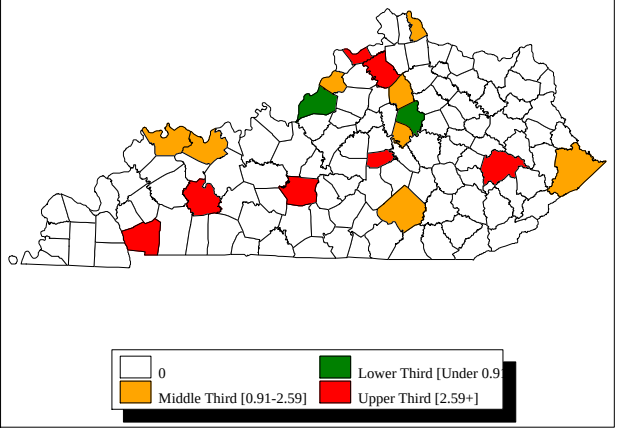
Intersection Crashes, Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



Intersection-Related Crashes, Kentucky , 2005
Fatalities



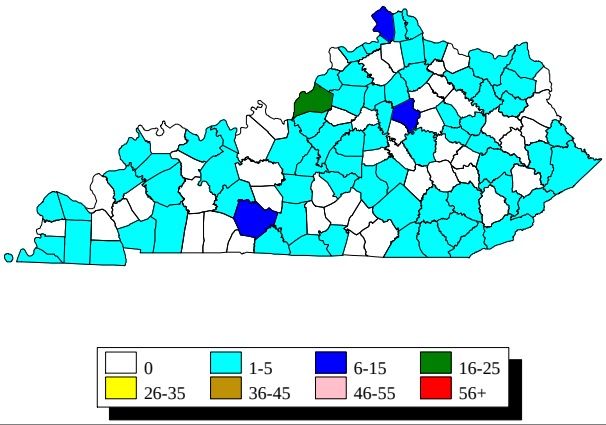
Intersection-Related Crashes, Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



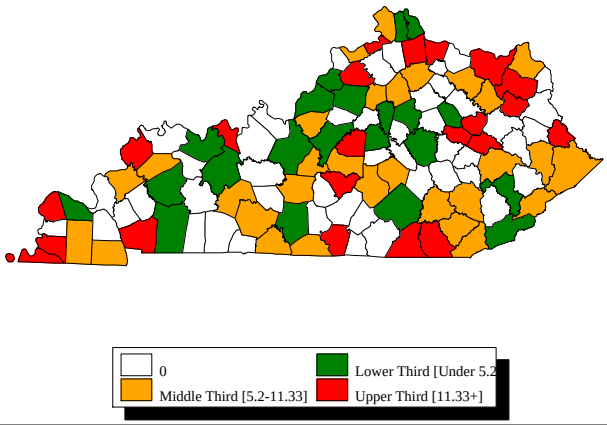
Traffic Safety Facts, Kentucky , 2005

Assorted State-County Maps

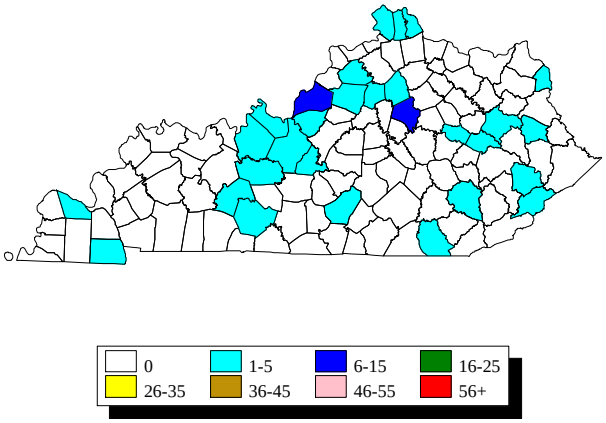
Speeding Involved Crashes, Kentucky , 2005
Fatalities



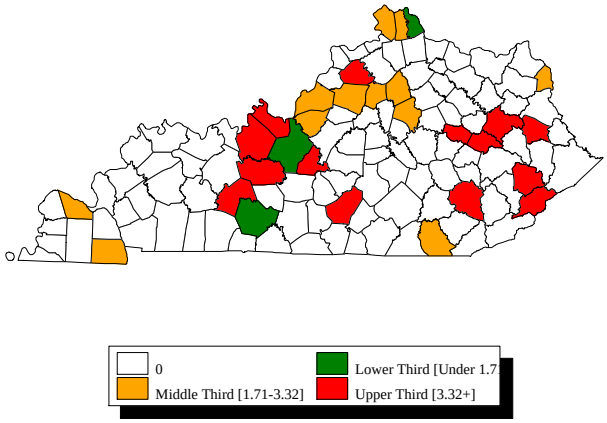
Speeding Involved Crashes, Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



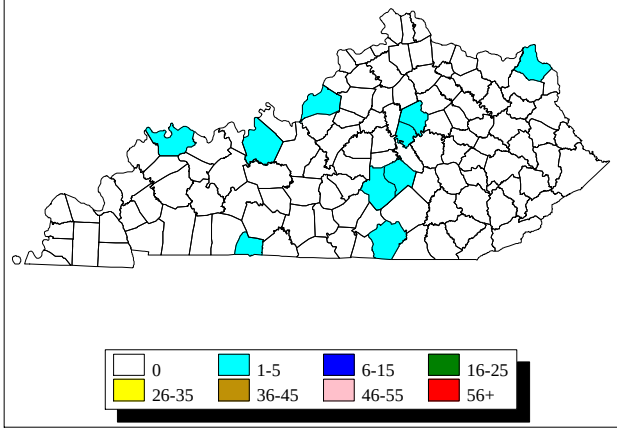
Pedestrians, Kentucky , 2005
Fatalities



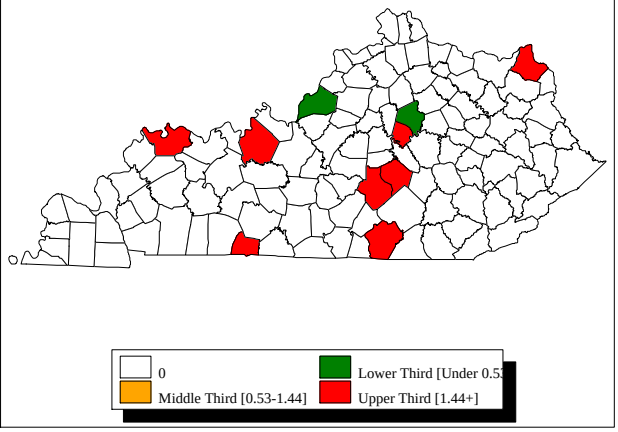
Pedestrians, Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



Pedalcyclists, Kentucky , 2005
Fatalities



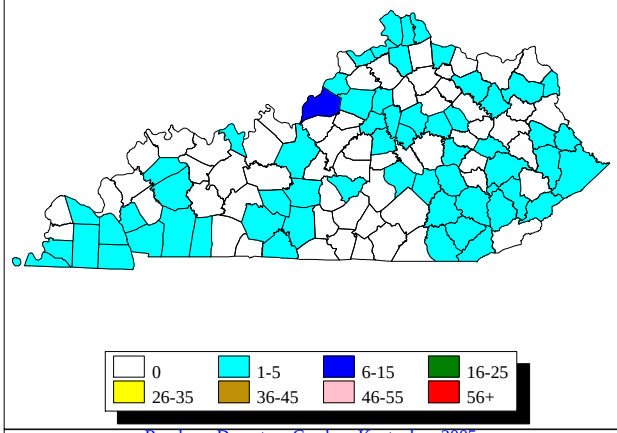
Pedalcyclists, Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



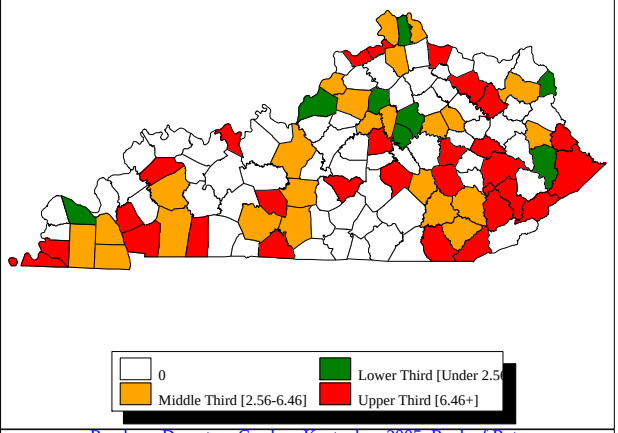
Traffic Safety Facts, Kentucky , 2005

Assorted State-County Maps

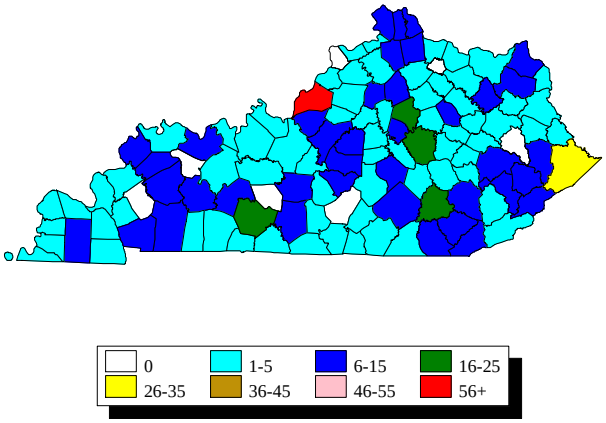
Large Truck Involved Crashes, Kentucky , 2005
Fatalities



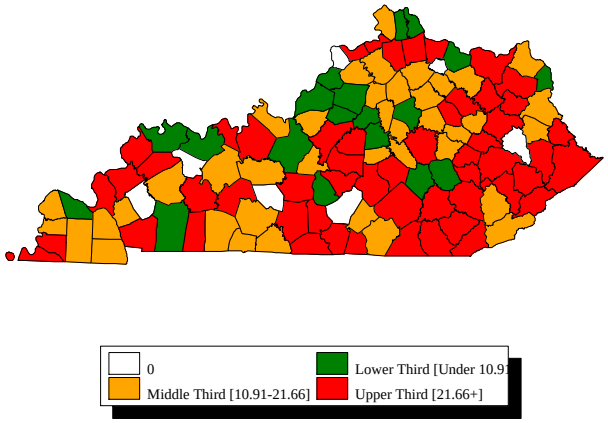
Large Truck Involved Crashes, Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



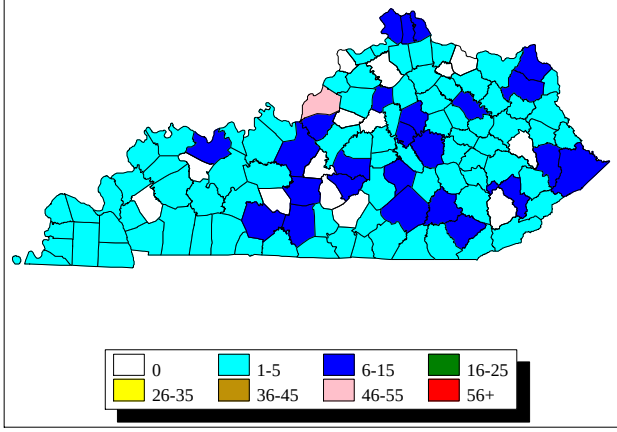
Roadway Departure Crashes, Kentucky , 2005
Fatalities



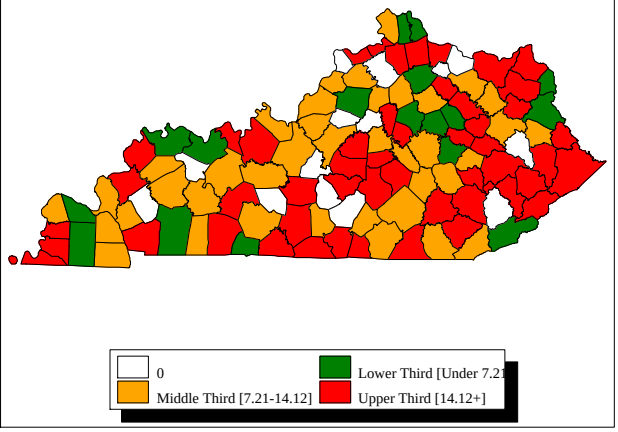
Roadway Departure Crashes, Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



Passenger Car Occupants, Kentucky , 2005
Fatalities



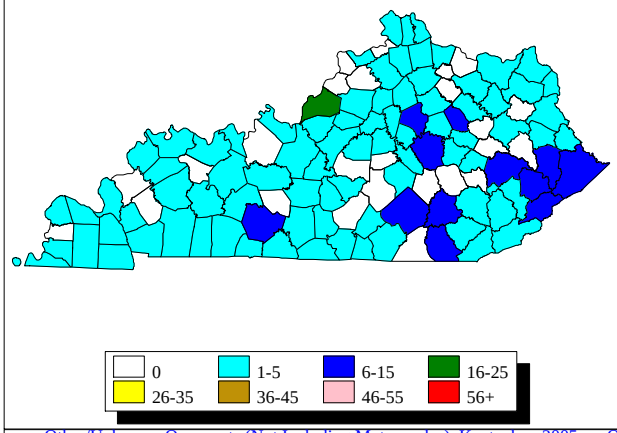
Passenger Car Occupants, Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



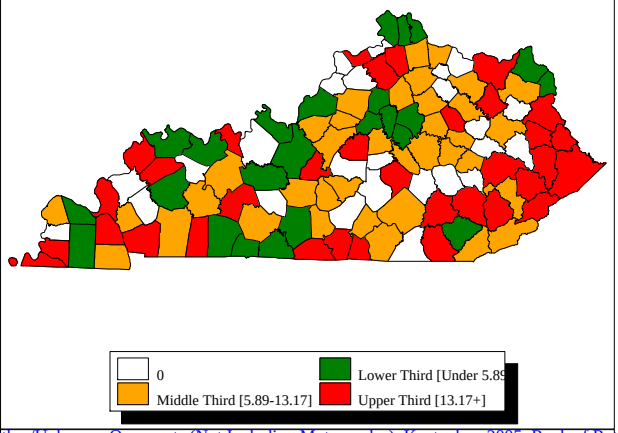
Traffic Safety Facts, Kentucky , 2005

Assorted State-County Maps

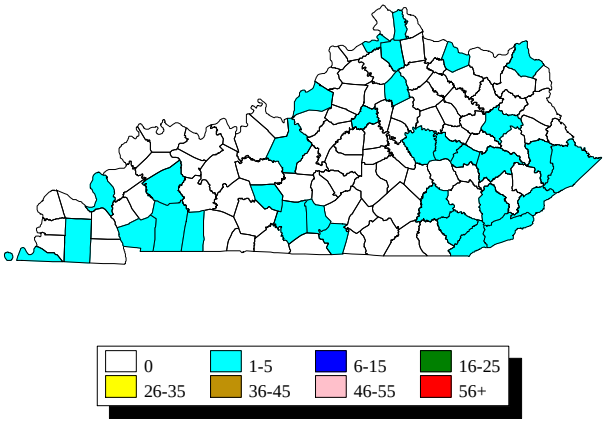
Light Truck/Van Occupants, Kentucky , 2005
Fatalities



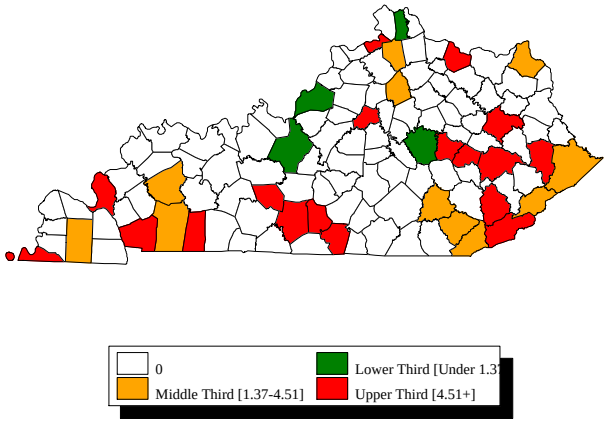
Light Truck/Van Occupants, Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



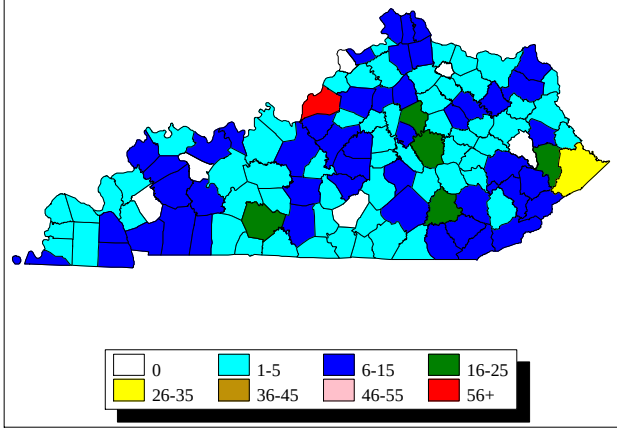
Other/Unknown Occupants (Not Including Motorcycles), Kentucky , 2005
Fatalities



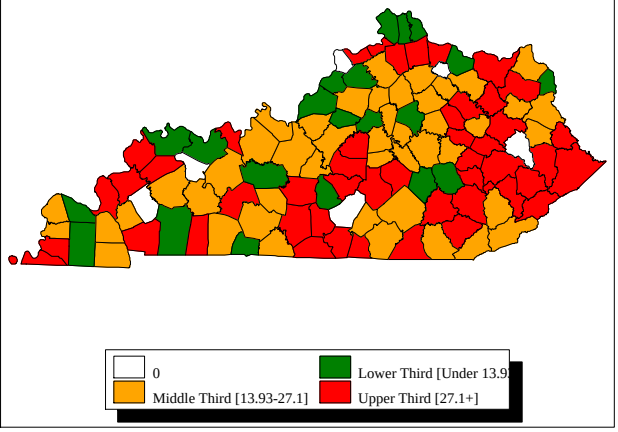
Other/Unknown Occupants (Not Including Motorcycles), Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



Total Occupants (Not Including Motorcyclists), Kentucky , 2005
Fatalities



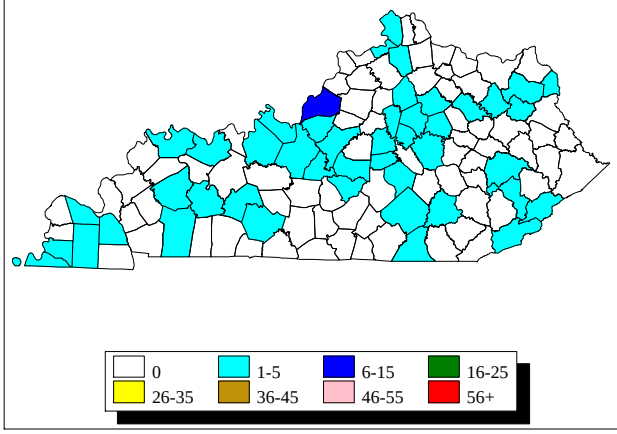
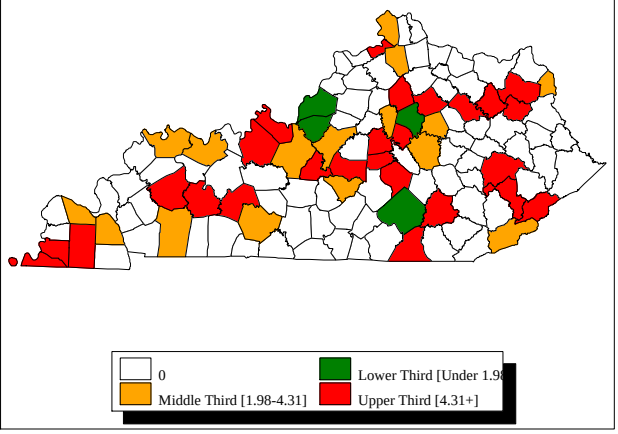
Total Occupants (Not Including Motorcyclists), Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



Traffic Safety Facts, Kentucky , 2005

Assorted State-County Maps

Motorcycle Riders, Kentucky , 2005
Fatalities



Motorcycle Riders, Kentucky , 2005, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.