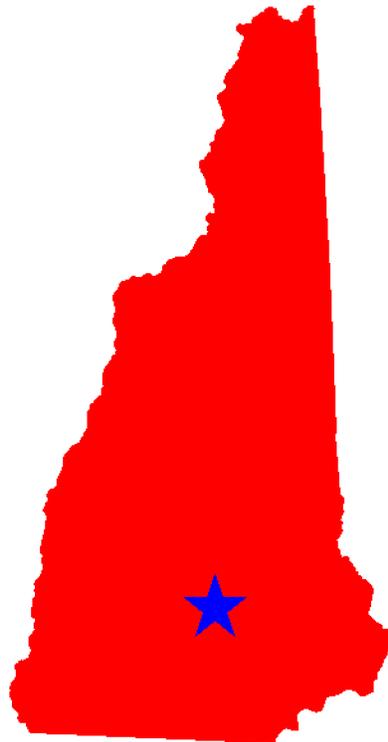




Traffic Safety Facts New Hampshire 2003-2007



This Report Contains Data From the Following Sources:

Fatality Data - NCSA Fatality Analysis Reporting System (FARS): 2003-2006 Final File and 2007 Annual Report File (ARF)
Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the New Hampshire State Survey
Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)
Population Data - U.S. Bureau of the Census



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Traffic Safety Performance (Core Outcome) Measures For New Hampshire *

Core Outcome Measures		Year				
		2003	2004	2005	2006	2007
Traffic Fatalities	Total	127	171	166	127	129
	Rural	91	121	127	75	105
	Urban	36	50	39	52	24
	Unknown	0	0	0	0	0
Fatalities Per 100 Million Vehicle Miles Driven**	Total	0.96	1.26	1.24	0.93	
	Rural	1.14	2.00	2.14	1.25	
	Urban	0.69	0.67	0.52	0.69	
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	91	123	106	98	86
	Restrained	26	37	31	22	26
	Unrestrained	63	85	72	71	60
	Unknown	2	1	3	5	0
Alcohol-Impaired Driving Fatalities (BAC=.08+)**		36	51	54	46	34
Speeding-Related Fatalities		31	41	56	42	41
Motorcyclist Fatalities	Total	9	28	44	21	25
	Helmeted	5	14	10	6	10
	Unhelmeted	4	13	33	15	15
	Unknown	0	1	1	0	0
Drivers Involved in Fatal Crashes	Total	166	235	226	179	181
	Aged Under 15	1	1	1	0	1
	Aged 15-20	21	39	25	19	23
	Aged Under 21	22	40	26	19	24
	Aged 21 and Over	143	195	200	160	157
	Unknown Age	1	0	0	0	0
Pedestrian Fatalities		19	15	5	6	13

*These Performance Measures Were Developed By The National Highway Traffic Safety Administration (NHTSA) and the Governors Highway Safety Association (GHSA) (See Publication: DOT HS 811 025)

**2007 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

***Based on the BAC of All Involved Drivers and Motorcycle Riders (Operators) Only

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Fatality Rates: New Hampshire , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	New Hampshire	127	12,953	0.98	1,282,844	9.90
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	New Hampshire	171	13,543	1.26	1,294,285	13.21
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	New Hampshire	166	13,429	1.24	1,303,112	12.74
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	New Hampshire	127	13,614	0.93	1,311,821	9.68
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	New Hampshire	129			1,315,828	9.80
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

2007 National VMT is a Preliminary Estimate and Subject to Change

2007 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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Fatalities By The Highest Blood Alcohol Concentration (BAC) in the Crash**:
New Hampshire , U.S. and Best State
(Old Definition)

Year		Total Fatalities in all Crashes	Highest BAC level in the Crash				
			BAC = .01+		BAC = .08+		Per 100 Million VMT
			Number	Percent	Number	Percent	
2003	New Hampshire	127	51	40	42	33	0.32
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	New Hampshire	171	59	35	52	30	0.38
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	New Hampshire	166	61	37	55	33	0.41
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		12	0.14
2006	New Hampshire	127	49	39	47	37	0.35
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	New Hampshire	129	49	38	39	30	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Based on the BAC of All Involved Drivers, Motorcycle Riders (Operators), Pedalcyclists and Pedestrians

2007 National VMT is a Preliminary Estimate and Subject to Change

2007 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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Alcohol-Impaired Driving Fatalities**:
New Hampshire, U.S. and Best State
(New Definition)

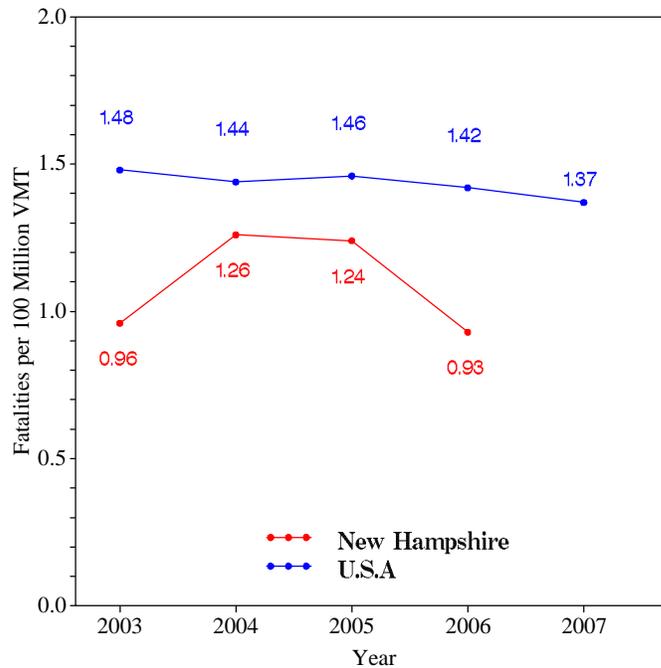
Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)		
			Number	Percent	Per 100 Million VMT
2003	New Hampshire	127	36	28	0.27
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	New Hampshire	171	51	30	0.38
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	New Hampshire	166	54	33	0.40
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	New Hampshire	127	46	36	0.34
	US	42,708	13,491	32	0.45
	Best State*			18	0.20
2007	New Hampshire	129	34	26	
	US	41,059	12,998	32	0.43
	Best State*			17	

*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States
 **Based on the BAC of All Involved Drivers and Motorcycle Riders (Operators) Only
 2007 National VMT is a Preliminary Estimate and Subject to Change
 2007 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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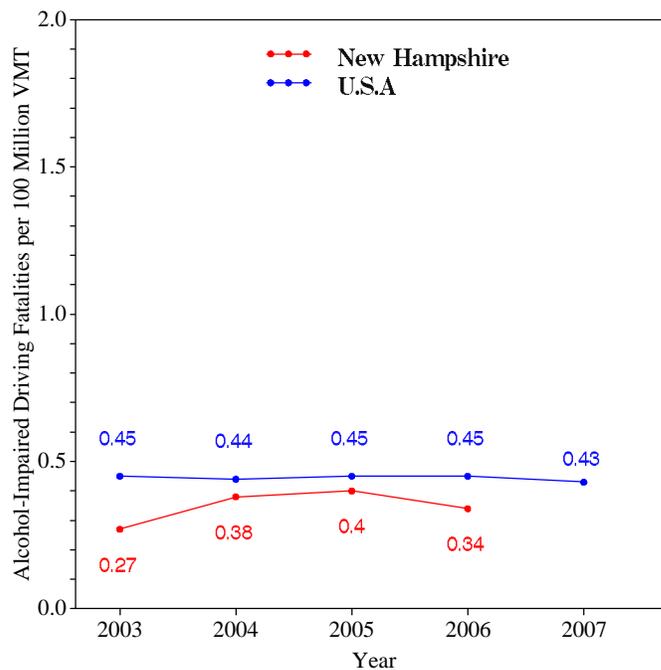


Fatalities per 100 Million VMT



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Alcohol-Impaired Driving Fatalities per 100 Million VMT



2007 National VMT is a Preliminary Estimate and Subject to Change
2007 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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**Blood Alcohol Concentration (BAC) Reporting Rates
For Drivers/Motorcycle Riders (Operators)
Involved in Fatal Crashes:
New Hampshire , U.S. and Best State**

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	New Hampshire	84	38	45	82	74	90	166	112	67
	US	31,738	8,196	26	26,779	18,836	70	58,517	27,032	46
	Best State*			76			98			83
2004	New Hampshire	117	28	24	118	115	97	235	143	61
	US	31,524	8,215	26	26,871	18,275	68	58,395	26,490	45
	Best State*			80			97			82
2005	New Hampshire	98	31	32	128	115	90	226	146	65
	US	31,729	7,415	23	27,491	18,773	68	59,220	26,188	44
	Best State*			77			98			84
2006	New Hampshire	86	34	40	93	84	90	179	118	66
	US	30,498	7,482	25	27,348	18,911	69	57,846	26,393	46
	Best State*			81			99			85
2007	New Hampshire	88	44	50	93	78	84	181	122	67
	US	29,201	6,765	23	26,480	16,991	64	55,681	23,756	43
	Best State*			82			96			84

*State (or States) With Highest Percents: Highest Percents Could Be in Different States

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Daytime Front Seat (Outboard Only) Passenger Vehicle Occupants, Aged 5 and Over, by Restraint Use: Fatalities and Observed New Hampshire , U.S. and Best State

Table with 4 columns: Year, State, Fatalities - Restrained** (Percent), Observed - Restrained*** (Percent). Rows include data for years 2003-2007 for New Hampshire, US, and Best State*.

*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

**Percent Based Only Where Restraint Use Was Known

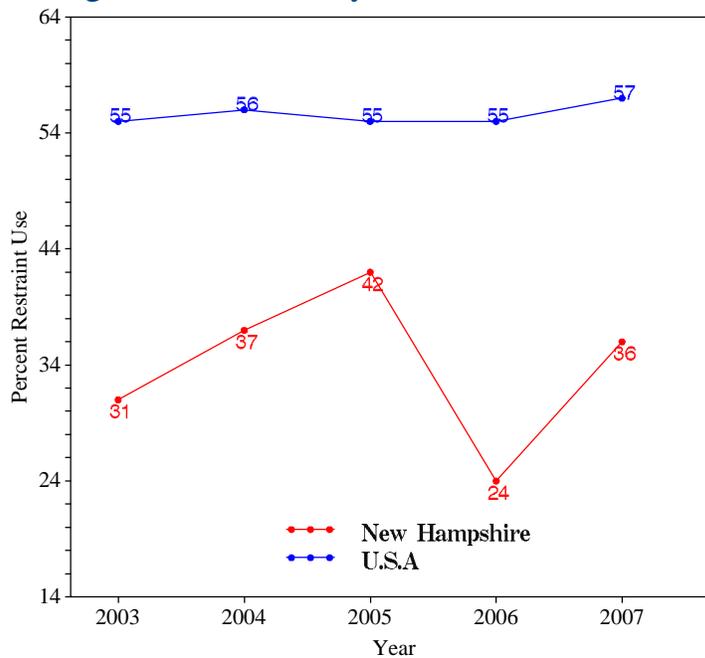
***USA Data: National Occupant Protection Use Survey. New Hampshire Data: State Survey

Note: The Purpose of this Table is to Compare (as closely as possible) the Use of Restraint Systems by Fatally Injured Occupants with Occupants in all Driving Situations

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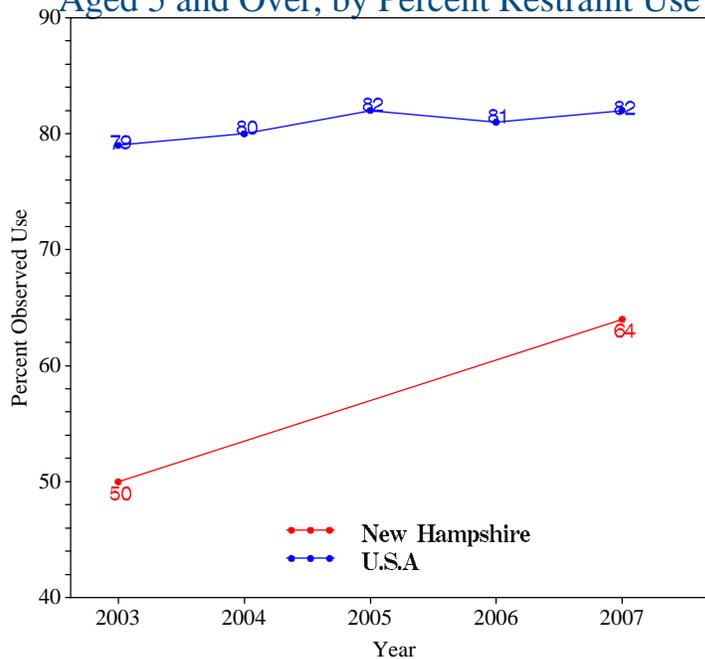
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use*



*Percent Based Only Where Restraint Use Was Known

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Daytime Front Seat (Outboard Only) Passenger Vehicle Occupants Observed, Aged 5 and Over, by Percent Restraint Use*



*USA Data: National Occupant Protection Use Survey. New Hampshire Data: State Survey

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Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Fatalities Aged 5 and Above					Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Unknown Restraint Use	Percent Known Restrained*	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	91	26	63	2	29	30	33
2004	123	37	85	1	30	46	47
2005	106	31	72	3	30	34	39
2006	98	22	71	5	24	26	28
2007	86	26	60	0	30	28	28

*Percent Based Only Where Restraint Use Was Known

**Lives Saved Estimates

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Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Fatalities Aged Under 5					Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Unknown Restraint Use	Percent Known Restrained*	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	0	0	0	0		0	0
2004	0	0	0	0		0	0
2005	0	0	0	0		0	0
2006	0	0	0	0		0	0
2007	0	0	0	0		0	

*Percent Based Only Where Restraint Use Was Known

**Lives Saved Estimates

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Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Fatalities					Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Unknown Helmet Use	Percent Known Helmet*	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	9	5	4	0	56	3	1
2004	28	14	13	1	52	9	5
2005	44	10	33	1	23	6	13
2006	21	6	15	0	29	4	6
2007	25	10	15	0	40	6	6

*Percent Based Only Where Helmet Use Was Known

**Lives Saved Estimates

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Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%*	#	%*	#	%*	#	%*	#	%*
Occupants	Passenger Car	55	43	76	44	66	40	60	47	53	41
	Light Truck - Pickup	22	17	18	11	18	11	11	9	12	9
	Light Truck - Utility	12	9	21	12	20	12	20	16	16	12
	Light Truck - Van	2	2	8	5	2	1	7	6	5	4
	Large Truck	1	1	3	2	2	1	0	0	1	1
	Other/Unknown Occupants	4	3	1	1	5	3	0	0	1	1
	<i>Total Occupants</i>	96	76	127	74	113	68	98	77	88	68
Motorcyclists	<i>Total Motorcyclists</i>	9	7	28	16	44	27	21	17	25	19
Nonoccupants	Pedestrian	19	15	15	9	5	3	6	5	13	10
	Bicyclist and Other Cyclist	2	2	1	1	3	2	2	2	3	2
	Other/Unknown Nonoccupants	1	1	0	0	1	1	0	0	0	0
	<i>Total Nonoccupants</i>	22	17	16	9	9	5	8	6	16	12
Total	<i>Total</i>	127	100	171	100	166	100	127	100	129	100

*Sum of Percents May Not = 100 Due to Individual Cell Rounding

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Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
Total Fatalities (All Crashes)*	127	171	166	127	129
- (1) Single Vehicle	73	93	100	74	73
- (2) Involving a Large Truck	13	15	11	7	12
- (3) Involving Speeding	31	41	56	42	41
- (4) Involving a Rollover	29	40	32	29	20
- (5) Involving a Roadway Departure	84	116	120	93	85
- (6) Involving an Intersection (or Intersection Related)	23	26	26	22	27

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

*A Fatality Can Be in More Than One Category. Therefore Sum of the Individual Cells Will Not Equal the Total Due to Double Counting

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Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2003	1	3	3	2	0	0	9
2004	3	4	9	6	4	2	28
2005	4	11	7	11	7	4	44
2006	0	2	4	6	9	0	21
2007	2	3	6	6	6	2	25

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Motorcyclist Fatalities Per 100,000 Registered Motorcycles

Year	Motorcyclist Fatalities	Total Motorcycle Registrations*	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	9	59,692	15.08
2004	28	66,319	42.22
2005	44	68,879	63.88
2006	21	70,778	29.67
2007	25		

*Data Source: FHWA

*2007 Motorcycle Registrations are Not Yet Available

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Fatalities by Person Type and Race/Hispanic Origin

Person Type by Race/Hispanic Origin		2003	2004	2005	2006
Occupants (All Vehicle Types)	Hispanic	1	4	0	0
	White Non-Hispanic	104	151	156	119
	Black, Non-Hispanic	0	0	0	0
	Asian, Non-Hispanic/Unknown	0	0	1	0
	Total	105	155	157	119
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)					
	Hispanic	0	0	0	1
	White Non-Hispanic	22	16	8	7
	Black, Non-Hispanic	0	0	1	0
	Asian, Non-Hispanic/Unknown	0	0	0	0
	Total	22	16	9	8
Total		127	171	166	127

2007 Race/Hispanic Origin Data is Not Yet Complete

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5 Year Trend For The Top 10 Counties of 2007 - Fatalities

Counties by 2007 Ranking		Fatalities					Percent of Total				
		2003	2004	2005	2006	2007	2003	2004	2005	2006	2007
1	Rockingham County	22	25	37	22	31	17	15	22	17	24
2	Hillsborough County	28	38	31	30	29	22	22	19	24	22
3	Cheshire County	5	8	10	8	15	4	5	6	6	12
4	Merrimack County	22	25	24	12	15	17	15	14	9	12
5	Belknap County	8	17	10	5	10	6	10	6	4	8
6	Strafford County	8	23	11	10	8	6	13	7	8	6
7	Sullivan County	8	3	12	8	8	6	2	7	6	6
8	Carroll County	9	13	13	12	5	7	8	8	9	4
9	Grafton County	14	7	16	14	5	11	4	10	11	4
10	Coos County	3	12	2	6	3	2	7	1	5	2
Sub Total 1.* Top Ten Counties		127	171	166	127	129	100	100	100	100	100
Total All Counties		127	171	166	127	129	100	100	100	100	100

*This Sub Total is the Total for the Top Ten Counties

**This Sub Total is the Total for all Counties Outside the Top Ten

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5 Year Trend For The Top 10 Counties of 2007 - Fatalities Year to Year Percent Change

Counties by 2007 Ranking		Fatalities					Percent Change From Previous Year			
		2003	2004	2005	2006	2007	2004	2005	2006	2007
1	Rockingham County	22	25	37	22	31	14	48	-41	41
2	Hillsborough County	28	38	31	30	29	36	-18	-3	-3
3	Cheshire County	5	8	10	8	15	60	25	-20	88
4	Merrimack County	22	25	24	12	15	14	-4	-50	25
5	Belknap County	8	17	10	5	10	113	-41	-50	100
6	Strafford County	8	23	11	10	8	188	-52	-9	-20
7	Sullivan County	8	3	12	8	8	-63	300	-33	0
8	Carroll County	9	13	13	12	5	44	0	-8	-58
9	Grafton County	14	7	16	14	5	-50	129	-13	-64
10	Coos County	3	12	2	6	3	300	-83	200	-50
Sub Total 1.* Top Ten Counties		127	171	166	127	129	35	-3	-23	2
Total All Counties		127	171	166	127	129	35	-3	-23	2

*This Sub Total is the Total for the Top Ten Counties

**This Sub Total is the Total for all Counties Outside the Top Ten

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5 Year Trend For The Top 10 Counties of 2007 - Fatality Rates

Median Rate for all U.S. Counties: 21.77

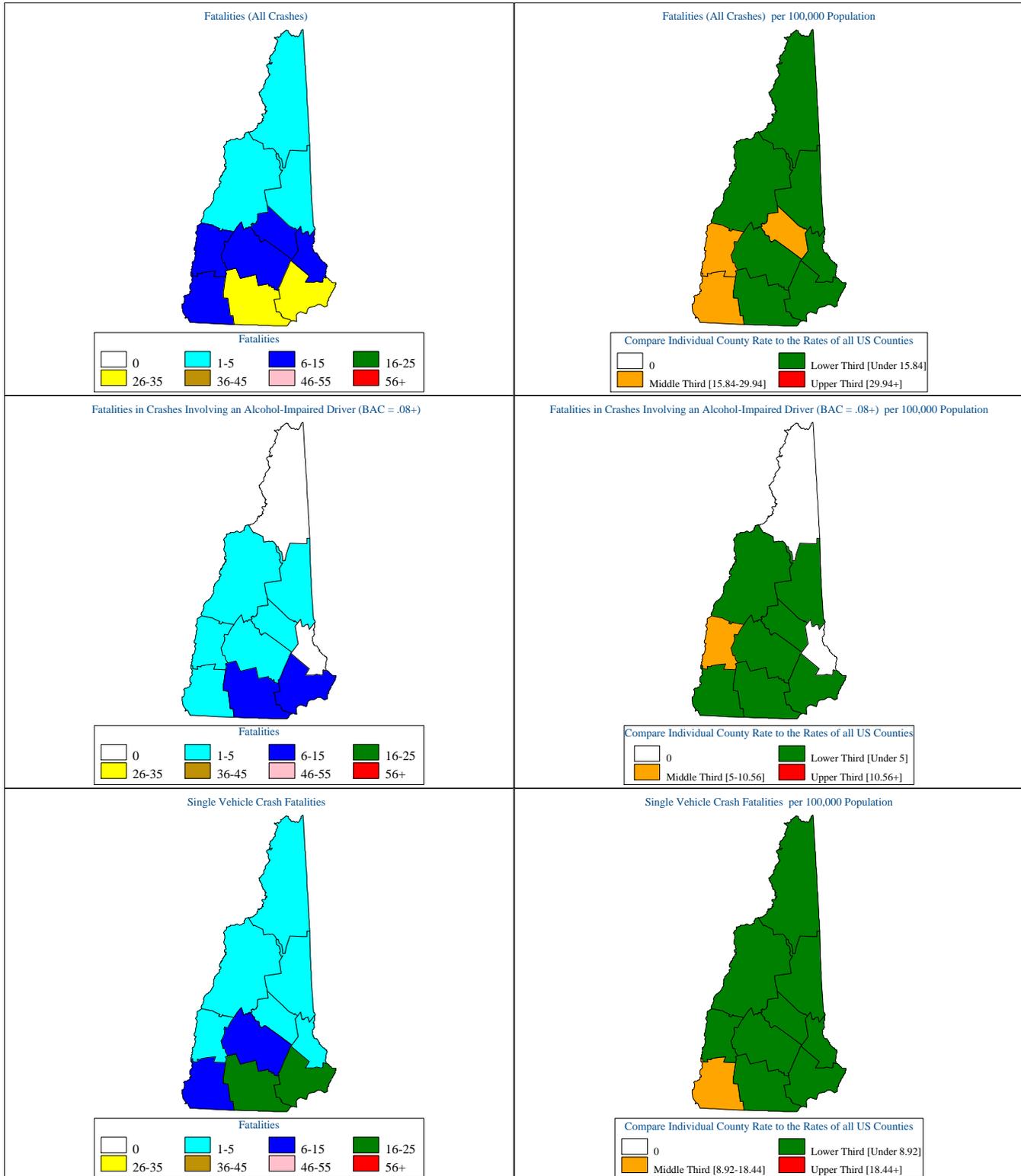
Counties by 2007 Ranking		Fatalities Per 100,000 Population				
		2003	2004	2005	2006	2007
1	Cheshire County	6.56	10.40	12.94	10.30	19.30
2	Sullivan County	19.15	7.12	28.32	18.78	18.74
3	Belknap County	13.36	28.04	16.43	8.21	16.38
4	Carroll County	19.67	27.91	27.82	25.45	10.55
5	Rockingham County	7.61	8.60	12.62	7.44	10.45
6	Merrimack County	15.35	17.26	16.40	8.12	10.12
7	Coos County	9.03	36.19	6.02	18.18	9.15
8	Hillsborough County	7.12	9.57	7.77	7.48	7.21
9	Strafford County	6.83	19.44	9.23	8.28	6.58
10	Grafton County	16.80	8.32	18.87	16.40	5.85
<i>Sub Rate 1.*</i>	<i>Top Ten Counties</i>	9.90	13.21	12.74	9.68	9.80
<i>Total Rate</i>	<i>All Counties</i>	9.90	13.21	12.74	9.68	9.80

*This Sub Rate is the Rate for the Top Ten Counties
 **This Sub Rate is the Rate for all Counties Outside the Top Ten

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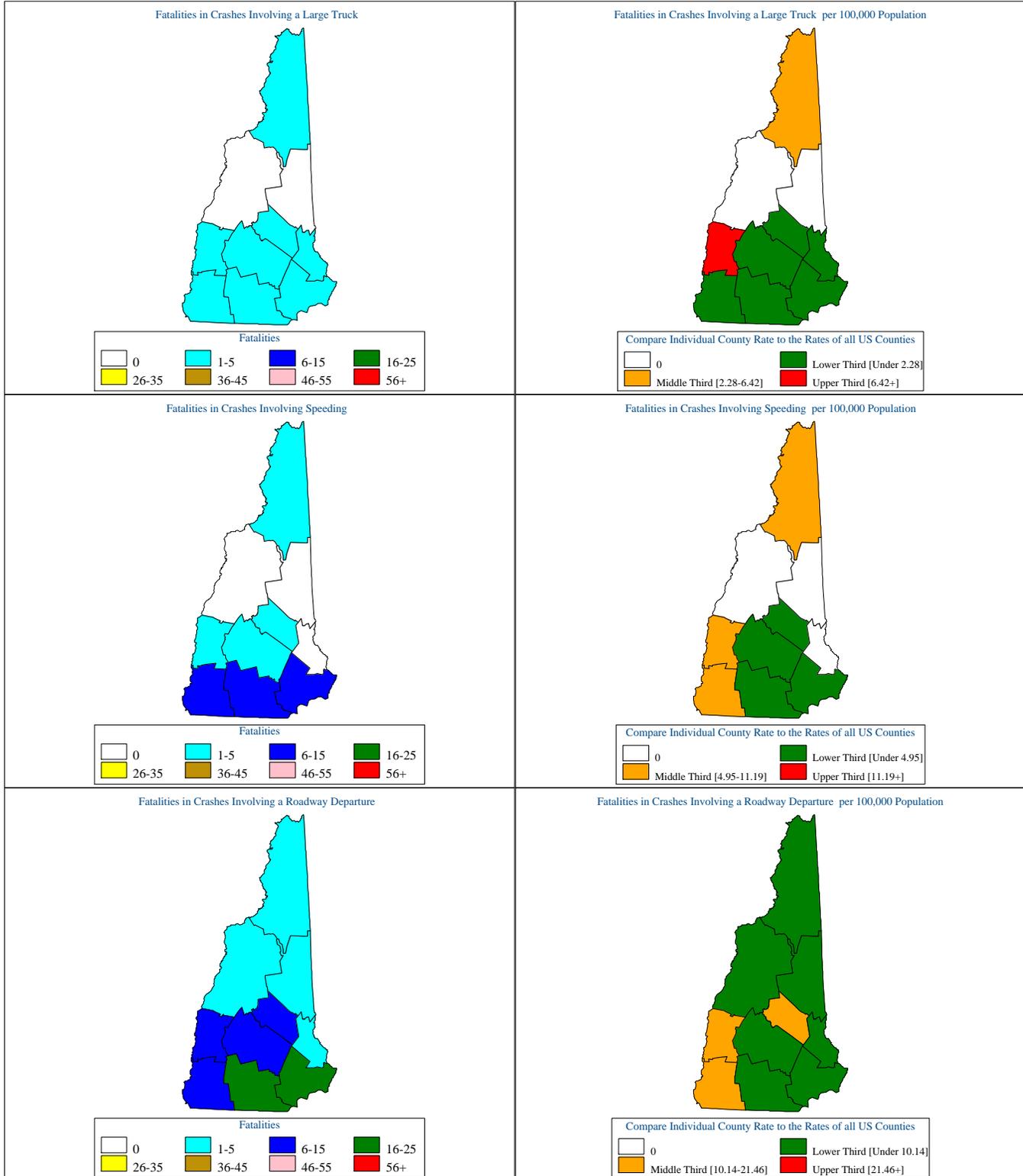
New Hampshire Motor Vehicle Crash Fatality Maps for 2007



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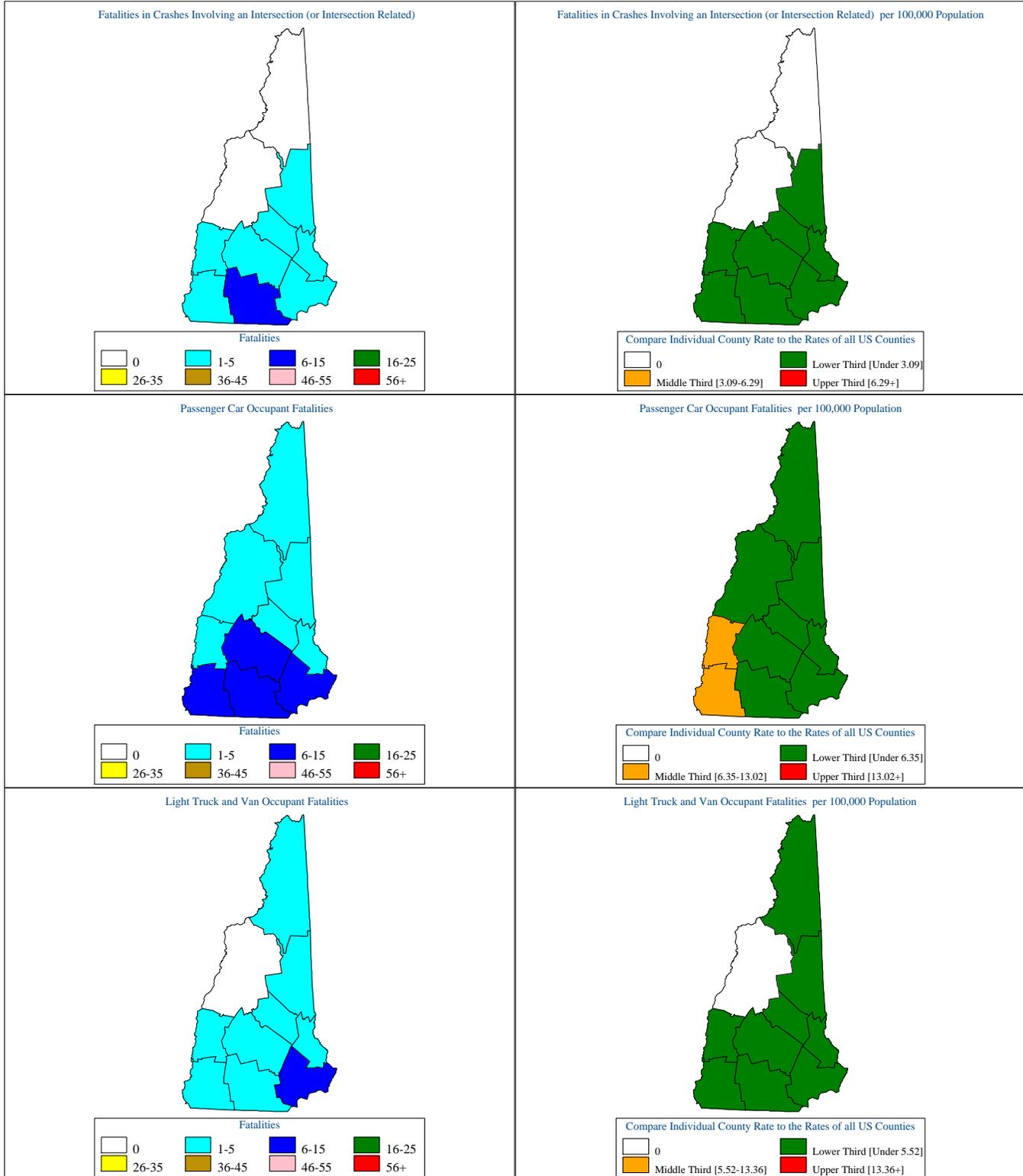
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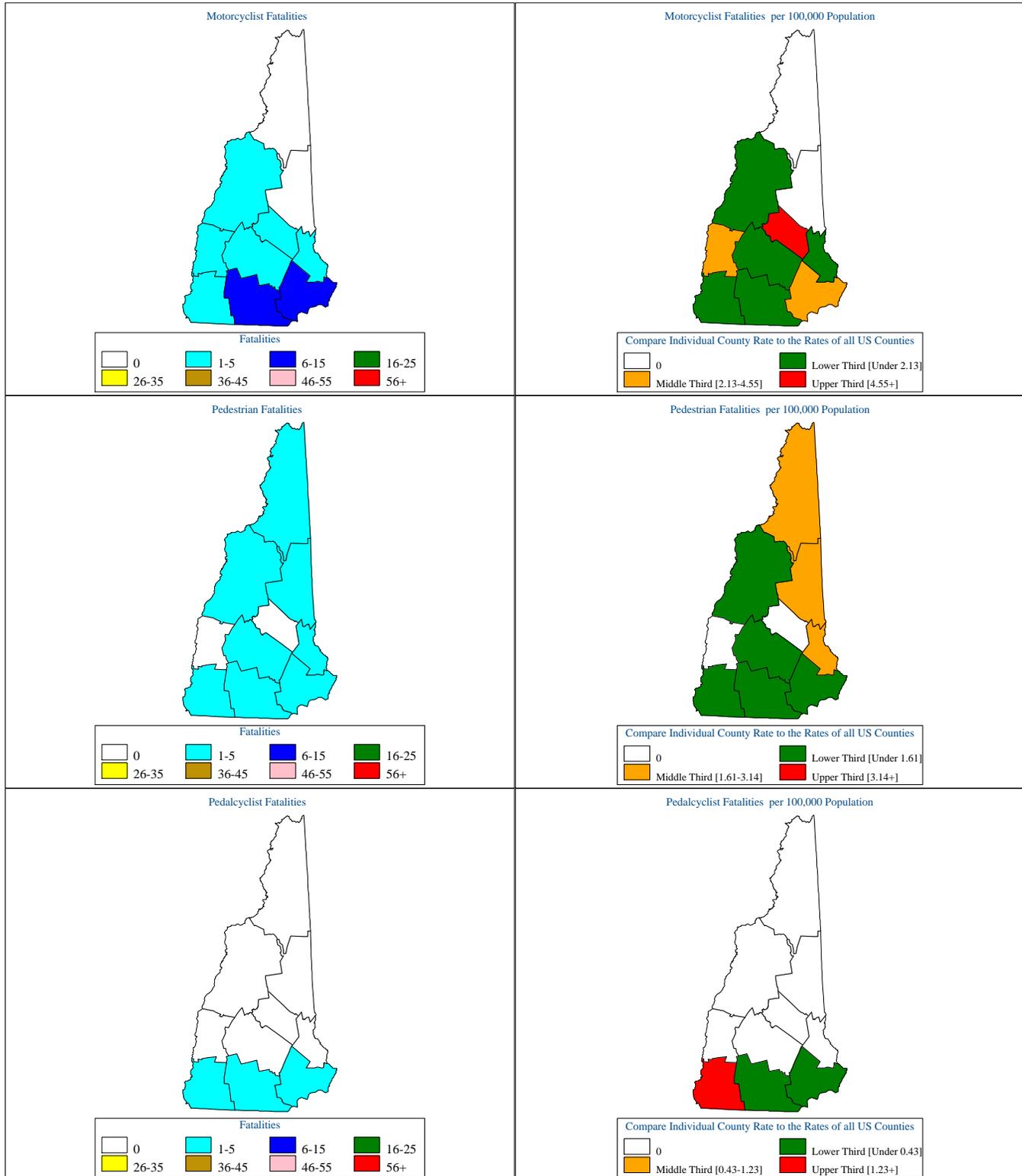
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New Hampshire Motor Vehicle Crash Fatality Maps for 2007



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