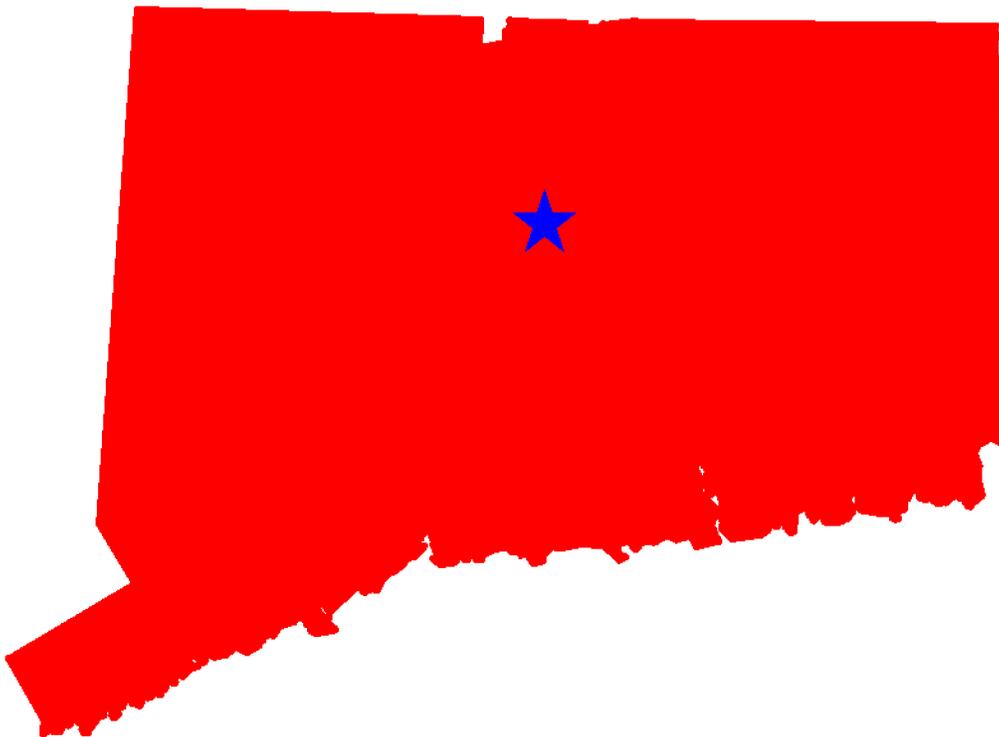




## Traffic Safety Facts Connecticut 2003-2007



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 Connecticut 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 Connecticut \*

Core Outcome Measures		Year				
		2003	2004	2005	2006	2007
<b>Traffic Fatalities</b>	<b>Total</b>	298	294	278	311	277
	<b>Rural</b>	63	70	50	49	45
	<b>Urban</b>	233	222	228	262	231
	<b>Unknown</b>	2	2	0	0	1
<b>Fatalities Per 100 Million Vehicle Miles Driven**</b>	<b>Total</b>	0.95	0.93	0.88	0.98	
	<b>Rural</b>	1.59	1.76	1.26	1.26	
	<b>Urban</b>	0.85	0.80	0.82	0.94	
<b>Passenger Vehicle Occupant Fatalities (All Seat Positions)</b>	<b>Total</b>	222	195	187	207	193
	<b>Restrained</b>	83	80	75	93	88
	<b>Unrestrained</b>	102	94	87	72	82
	<b>Unknown</b>	37	21	25	42	23
<b>Alcohol-Impaired Driving Fatalities (BAC=.08+)**</b>		115	112	98	113	101
<b>Speeding-Related Fatalities</b>		113	99	96	95	94
<b>Motorcyclist Fatalities</b>	<b>Total</b>	29	58	43	57	41
	<b>Helmeted</b>	7	18	14	20	14
	<b>Unhelmeted</b>	22	39	27	36	27
	<b>Unknown</b>	0	1	2	1	0
<b>Drivers Involved in Fatal Crashes</b>	<b>Total</b>	399	413	405	452	378
	<b>Aged Under 15</b>	0	0	1	0	0
	<b>Aged 15-20</b>	51	61	45	61	51
	<b>Aged Under 21</b>	51	61	46	61	51
	<b>Aged 21 and Over</b>	343	344	357	383	325
	<b>Unknown Age</b>	5	8	2	8	2
<b>Pedestrian Fatalities</b>		35	27	34	38	31

\*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: Connecticut , 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	Connecticut	298	31,432	0.95	3,472,964	8.58
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Connecticut	294	31,608	0.93	3,481,890	8.44
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Connecticut	278	31,675	0.88	3,486,490	7.97
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Connecticut	311	31,743	0.98	3,495,753	8.90
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Connecticut	277			3,502,309	7.91
	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\*\*:  
 Connecticut , 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	Connecticut	298	137	46	119	40	0.38
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Connecticut	294	131	45	119	40	0.38
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Connecticut	278	130	47	109	39	0.34
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		12	0.14
2006	Connecticut	311	138	44	122	39	0.38
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Connecticut	277	128	46	108	39	
	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\*\*:  
Connecticut, U.S. and Best State  
(New Definition)

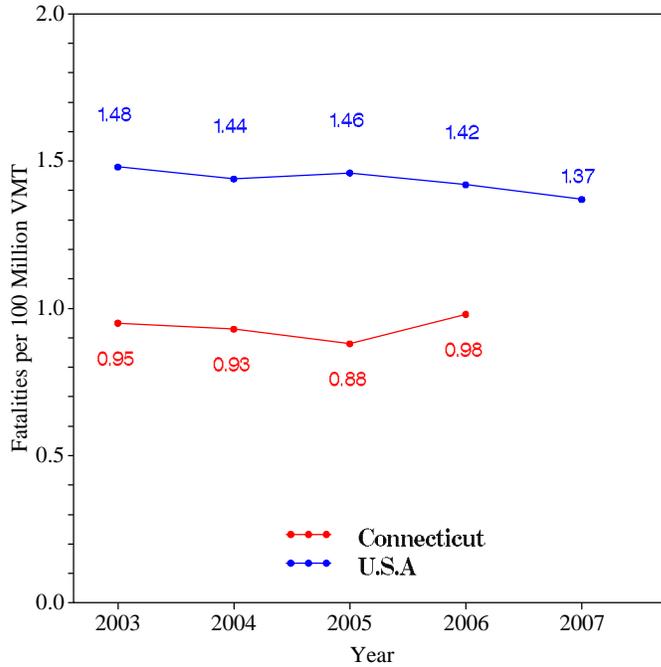
Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)		
			Number	Percent	Per 100 Million VMT
2003	Connecticut	298	115	39	0.37
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Connecticut	294	112	38	0.35
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Connecticut	278	98	35	0.31
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Connecticut	311	113	36	0.36
	US	42,708	13,491	32	0.45
	Best State*			18	0.20
2007	Connecticut	277	101	36	
	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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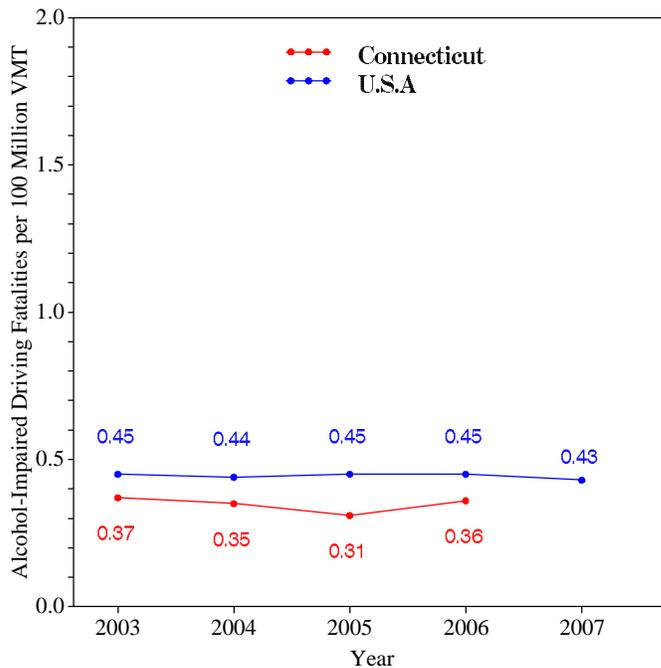


### Fatalities per 100 Million VMT



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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:  
Connecticut , 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	Connecticut	210	61	29	189	162	86	399	223	56
	US	31,738	8,196	26	26,779	18,836	70	58,517	27,032	46
	Best State*			76			98			83
2004	Connecticut	211	43	20	202	119	59	413	162	39
	US	31,524	8,215	26	26,871	18,275	68	58,395	26,490	45
	Best State*			80			97			82
2005	Connecticut	225	54	24	180	126	70	405	180	44
	US	31,729	7,415	23	27,491	18,773	68	59,220	26,188	44
	Best State*			77			98			84
2006	Connecticut	232	62	27	220	190	86	452	252	56
	US	30,498	7,482	25	27,348	18,911	69	57,846	26,393	46
	Best State*			81			99			85
2007	Connecticut	194	58	30	184	162	88	378	220	58
	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 Connecticut , U.S. and Best State

Table with 4 columns: Year, State, Fatalities - Restrained\*\*, Observed - Restrained\*\*\*. Rows include years 2003-2007 and states Connecticut, 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

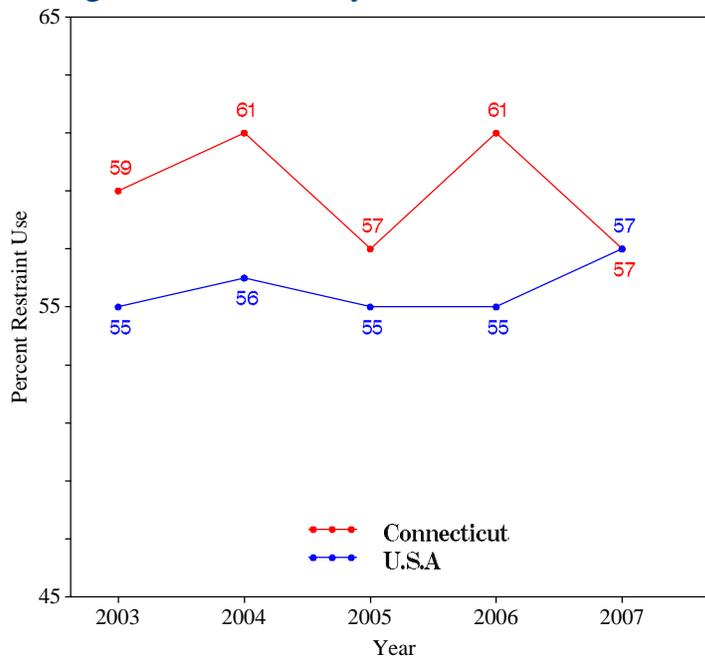
\*\*\*USA Data: National Occupant Protection Use Survey. Connecticut Data: State Survey

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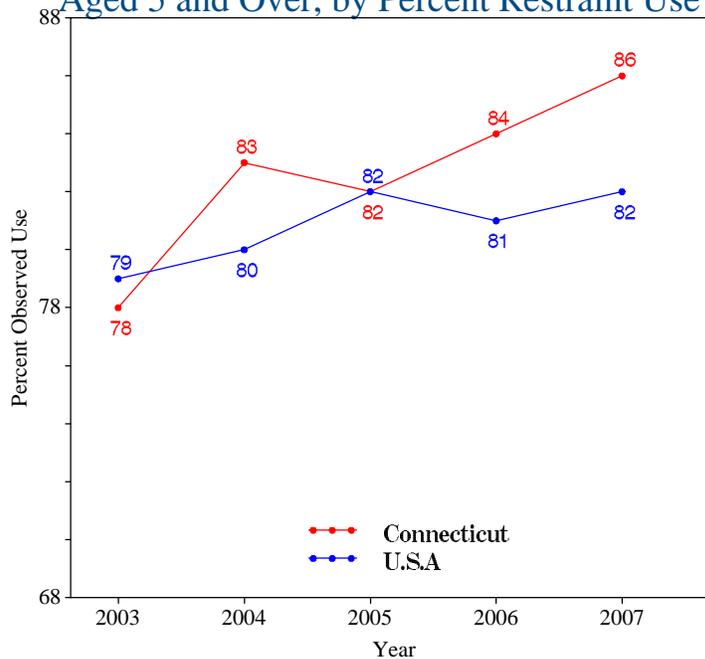
### Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use\*



\*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. Connecticut 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	222	83	102	37	45	95	41
2004	193	79	94	20	46	92	31
2005	185	75	86	24	47	88	31
2006	205	91	72	42	56	117	37
2007	192	88	81	23	52	101	31

\*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	1	1	0	0	100	1	0
2005	0	0	1	1	0	0	1
2006	2	2	0	0	100	3	0
2007	0	0	1	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	29	7	22	0	24	4	8
2004	58	18	39	1	32	11	15
2005	43	14	27	2	34	9	10
2006	57	20	36	1	36	11	13
2007	41	14	27	0	34	8	10

\*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	
		#	%*	#	%*	#	%*	#	%*	#	%*
<b>Occupants</b>	<b>Passenger Car</b>	167	56	135	46	139	50	160	51	143	52
	<b>Light Truck - Pickup</b>	17	6	24	8	20	7	16	5	15	5
	<b>Light Truck - Utility</b>	31	10	28	10	22	8	20	6	30	11
	<b>Light Truck - Van</b>	6	2	8	3	6	2	11	4	5	2
	<b>Light Truck - Other</b>	1	0	0	0	0	0	0	0	0	0
	<b>Large Truck</b>	9	3	4	1	6	2	2	1	5	2
	<b>Other/Unknown Occupants</b>	1	0	5	2	3	1	2	1	2	1
	<b><i>Total Occupants</i></b>	<b>232</b>	<b>78</b>	<b>204</b>	<b>69</b>	<b>196</b>	<b>71</b>	<b>211</b>	<b>68</b>	<b>200</b>	<b>72</b>
<b>Motorcyclists</b>	<b><i>Total Motorcyclists</i></b>	<b>29</b>	<b>10</b>	<b>58</b>	<b>20</b>	<b>43</b>	<b>15</b>	<b>57</b>	<b>18</b>	<b>41</b>	<b>15</b>
<b>Nonoccupants</b>	<b>Pedestrian</b>	35	12	27	9	34	12	38	12	31	11
	<b>Bicyclist and Other Cyclist</b>	2	1	5	2	3	1	5	2	4	1
	<b>Other/Unknown Nonoccupants</b>	0	0	0	0	2	1	0	0	1	0
	<b><i>Total Nonoccupants</i></b>	<b>37</b>	<b>12</b>	<b>32</b>	<b>11</b>	<b>39</b>	<b>14</b>	<b>43</b>	<b>14</b>	<b>36</b>	<b>13</b>
<b>Total</b>	<b><i>Total</i></b>	<b>298</b>	<b>100</b>	<b>294</b>	<b>100</b>	<b>278</b>	<b>100</b>	<b>311</b>	<b>100</b>	<b>277</b>	<b>100</b>

\*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
<b>Total Fatalities (All Crashes)*</b>	298	294	278	311	277
<b>- (1) Single Vehicle</b>	181	173	171	176	156
<b>- (2) Involving a Large Truck</b>	24	25	21	29	27
<b>- (3) Involving Speeding</b>	113	99	96	95	94
<b>- (4) Involving a Rollover</b>	74	68	75	58	61
<b>- (5) Involving a Roadway Departure</b>	194	197	175	195	174
<b>- (6) Involving an Intersection (or Intersection Related)</b>	69	57	50	73	55

(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	7	7	7	5	2	29
2004	5	19	13	15	4	2	58
2005	1	9	8	17	6	2	43
2006	3	23	9	11	8	3	57
2007	2	9	8	13	7	2	41

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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	29	63,071	45.98
2004	58	64,754	89.57
2005	43	65,110	66.04
2006	57	64,959	87.75
2007	41		

\*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
<b>Occupants (All Vehicle Types)</b>	<b>Hispanic</b>	31	17	6	29
	<b>White Non-Hispanic</b>	205	208	182	204
	<b>Black, Non-Hispanic</b>	18	16	23	19
	<b>Asian, Non-Hispanic/Unknown</b>	1	2	0	2
	<b>All Other Non-Hispanic or Race</b>	2	2	1	2
	<b>Unknown Race and Unknown Hispanic</b>	4	17	27	12
	<b>Total</b>	261	262	239	268
<b>Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)</b>					
	<b>Hispanic</b>	3	2	3	2
	<b>White Non-Hispanic</b>	30	23	30	31
	<b>Black, Non-Hispanic</b>	3	1	3	7
	<b>Asian, Non-Hispanic/Unknown</b>	0	0	0	1
	<b>All Other Non-Hispanic or Race</b>	1	0	0	0
	<b>Unknown Race and Unknown Hispanic</b>	0	6	3	2
<b>Total</b>	37	32	39	43	
<b>Total</b>		298	294	278	311

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	<b>New Haven County</b>	78	54	69	65	74	26	18	25	21	27
2	<b>Hartford County</b>	72	57	53	83	57	24	19	19	27	21
3	<b>Fairfield County</b>	55	53	56	58	50	18	18	20	19	18
4	<b>New London County</b>	37	48	25	40	37	12	16	9	13	13
5	<b>Tolland County</b>	15	16	22	8	16	5	5	8	3	6
6	<b>Litchfield County</b>	14	28	20	17	15	5	10	7	5	5
7	<b>Middlesex County</b>	10	18	20	17	15	3	6	7	5	5
8	<b>Windham County</b>	17	20	13	23	13	6	7	5	7	5
<b>Sub Total 1.*</b>	<b>Top Ten Counties</b>	298	294	278	311	277	100	100	100	100	100
<b>Total</b>	<b>All Counties</b>	298	294	278	311	277	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	<b>New Haven County</b>	78	54	69	65	74	-31	28	-6	14
2	<b>Hartford County</b>	72	57	53	83	57	-21	-7	57	-31
3	<b>Fairfield County</b>	55	53	56	58	50	-4	6	4	-14
4	<b>New London County</b>	37	48	25	40	37	30	-48	60	-8
5	<b>Tolland County</b>	15	16	22	8	16	7	38	-64	100
6	<b>Litchfield County</b>	14	28	20	17	15	100	-29	-15	-12
7	<b>Middlesex County</b>	10	18	20	17	15	80	11	-15	-12
8	<b>Windham County</b>	17	20	13	23	13	18	-35	77	-43
<b>Sub Total 1.*</b>	<b>Top Ten Counties</b>	298	294	278	311	277	-1	-5	12	-11
<b>Total</b>	<b>All Counties</b>	298	294	278	311	277	-1	-5	12	-11

\*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	<b>New London County</b>	13.94	17.98	9.42	14.91	13.84
2	<b>Windham County</b>	15.12	17.55	11.28	19.77	11.11
3	<b>Tolland County</b>	10.38	10.97	15.01	5.43	10.80
4	<b>Middlesex County</b>	6.22	11.15	12.34	10.41	9.14
5	<b>New Haven County</b>	9.30	6.43	8.20	7.71	8.75
6	<b>Litchfield County</b>	7.50	14.91	10.65	9.03	7.97
7	<b>Hartford County</b>	8.28	6.55	6.08	9.49	6.50
8	<b>Fairfield County</b>	6.15	5.92	6.26	6.49	5.59
<i>Sub Rate 1.*</i>	<i>Top Ten Counties</i>	8.58	8.44	7.97	8.90	7.91
<i>Total Rate</i>	<i>All Counties</i>	8.58	8.44	7.97	8.90	7.91

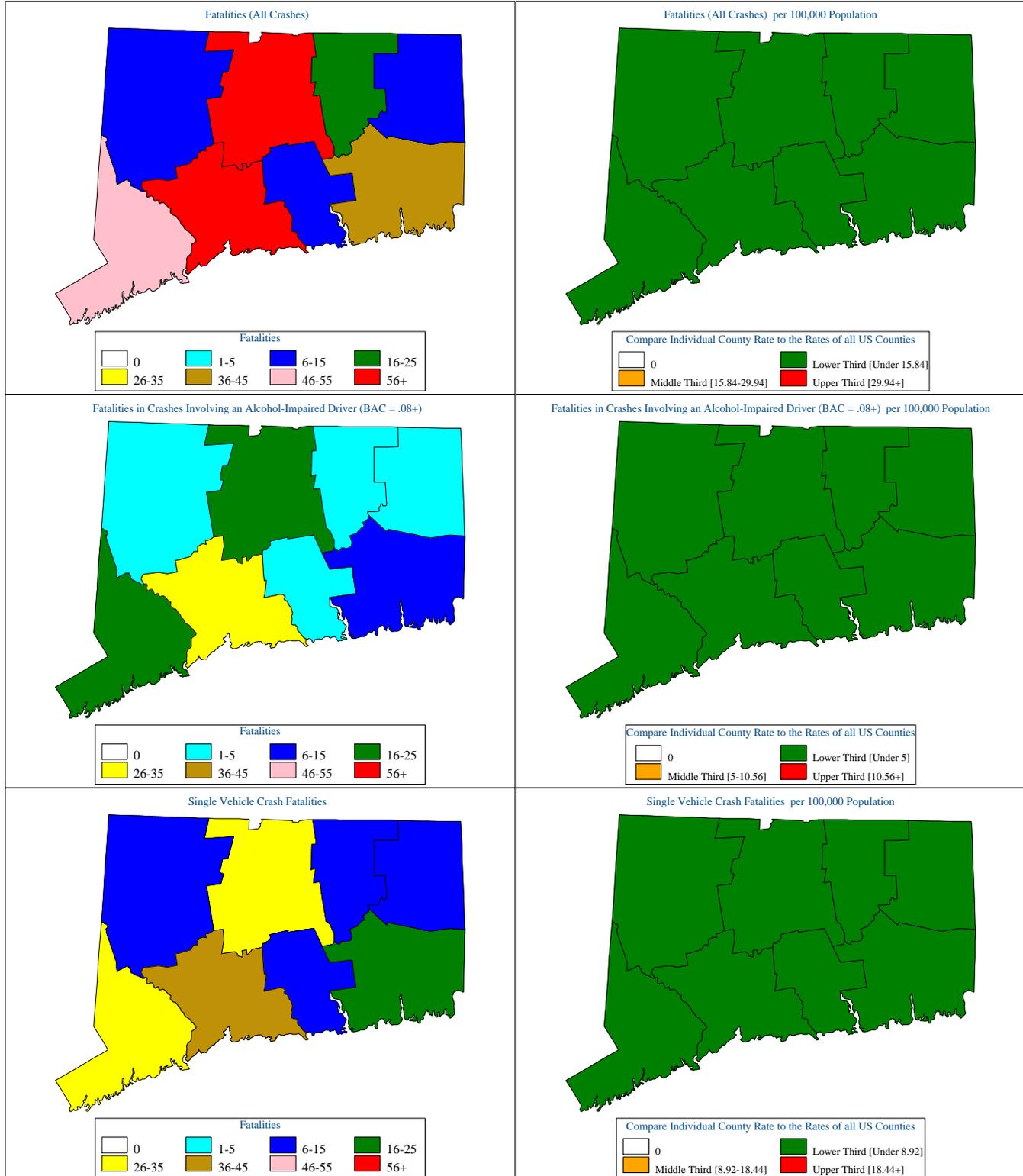
\*This Sub Rate is the Rate for the Top Ten Counties

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

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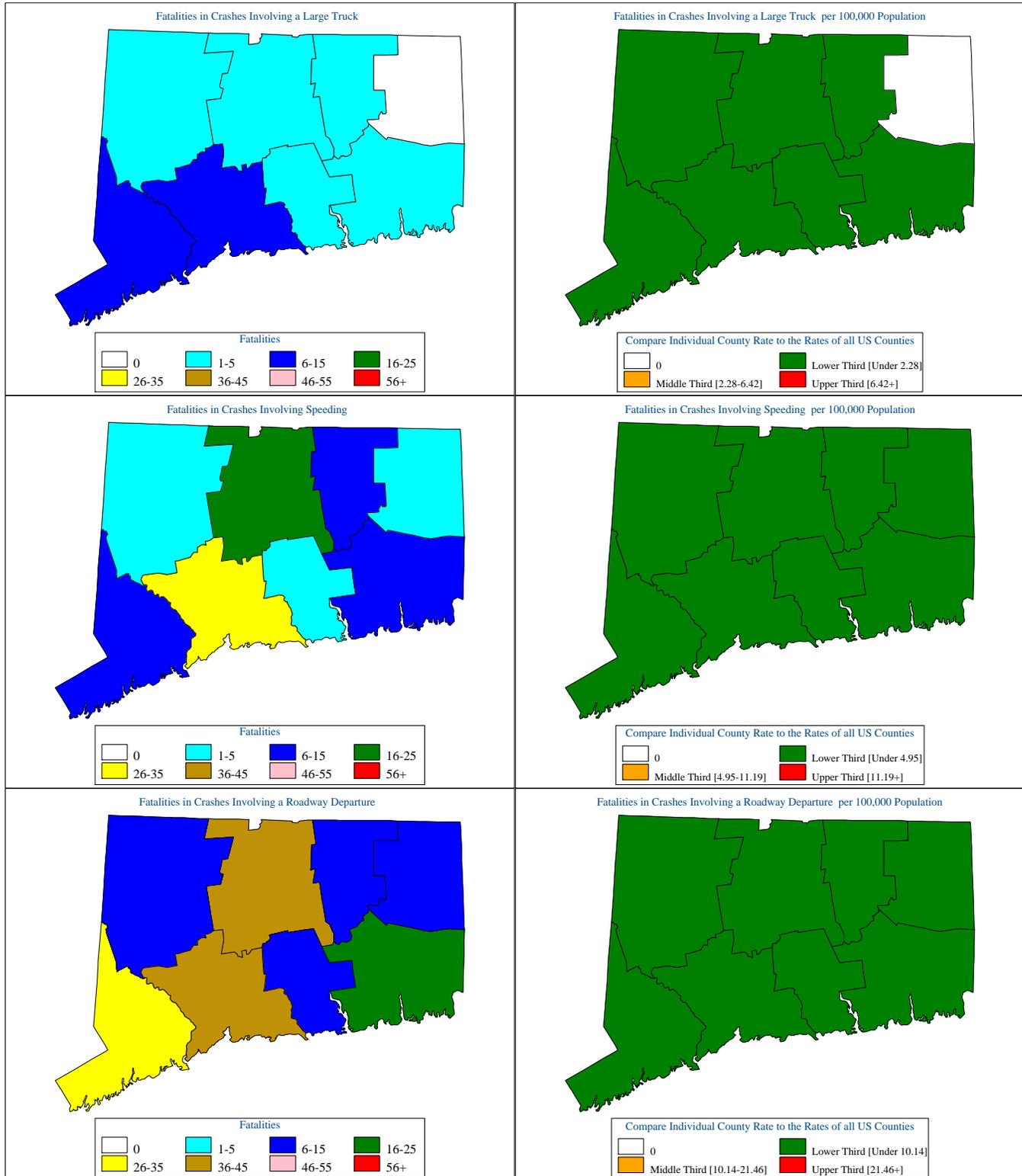
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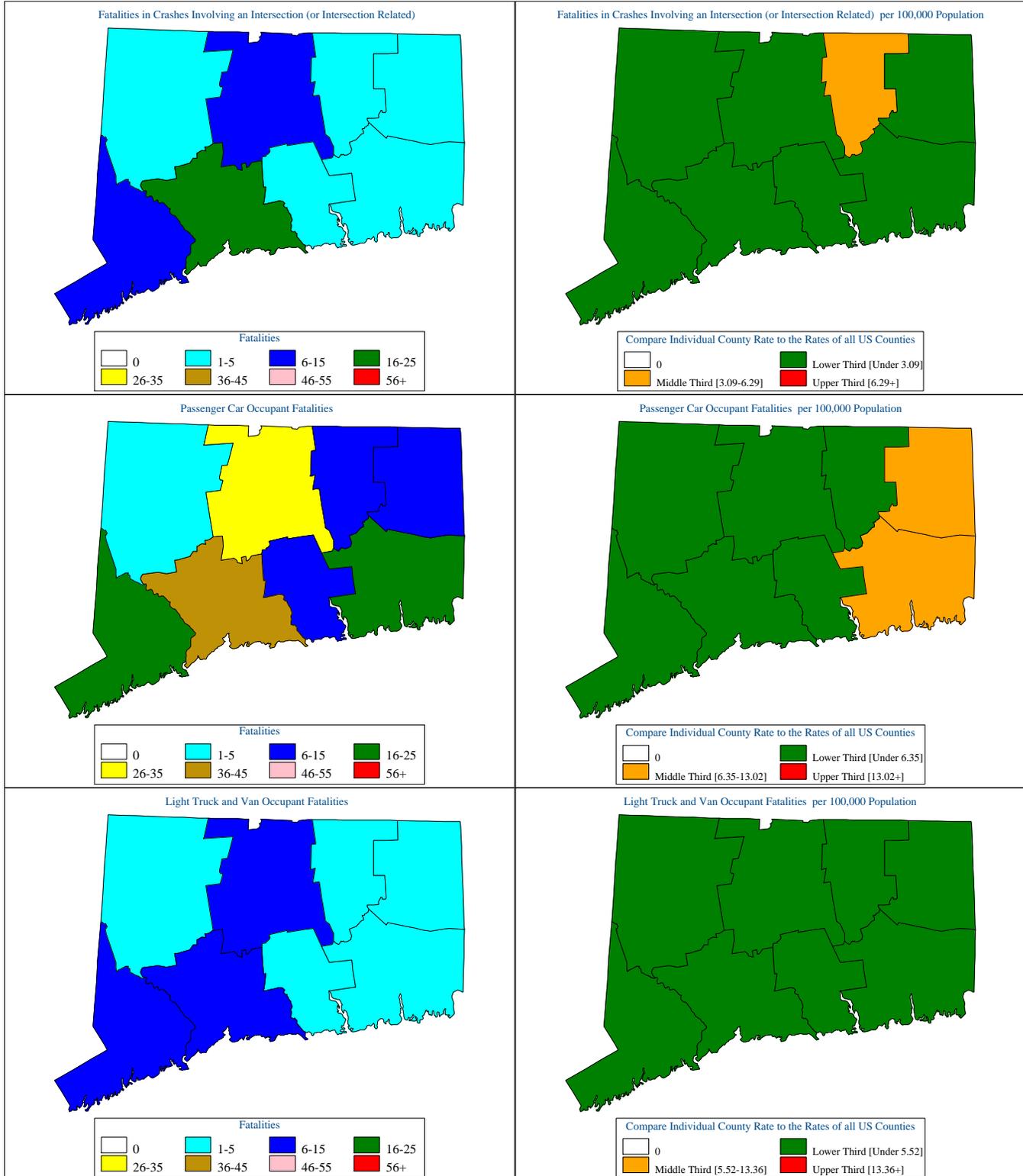
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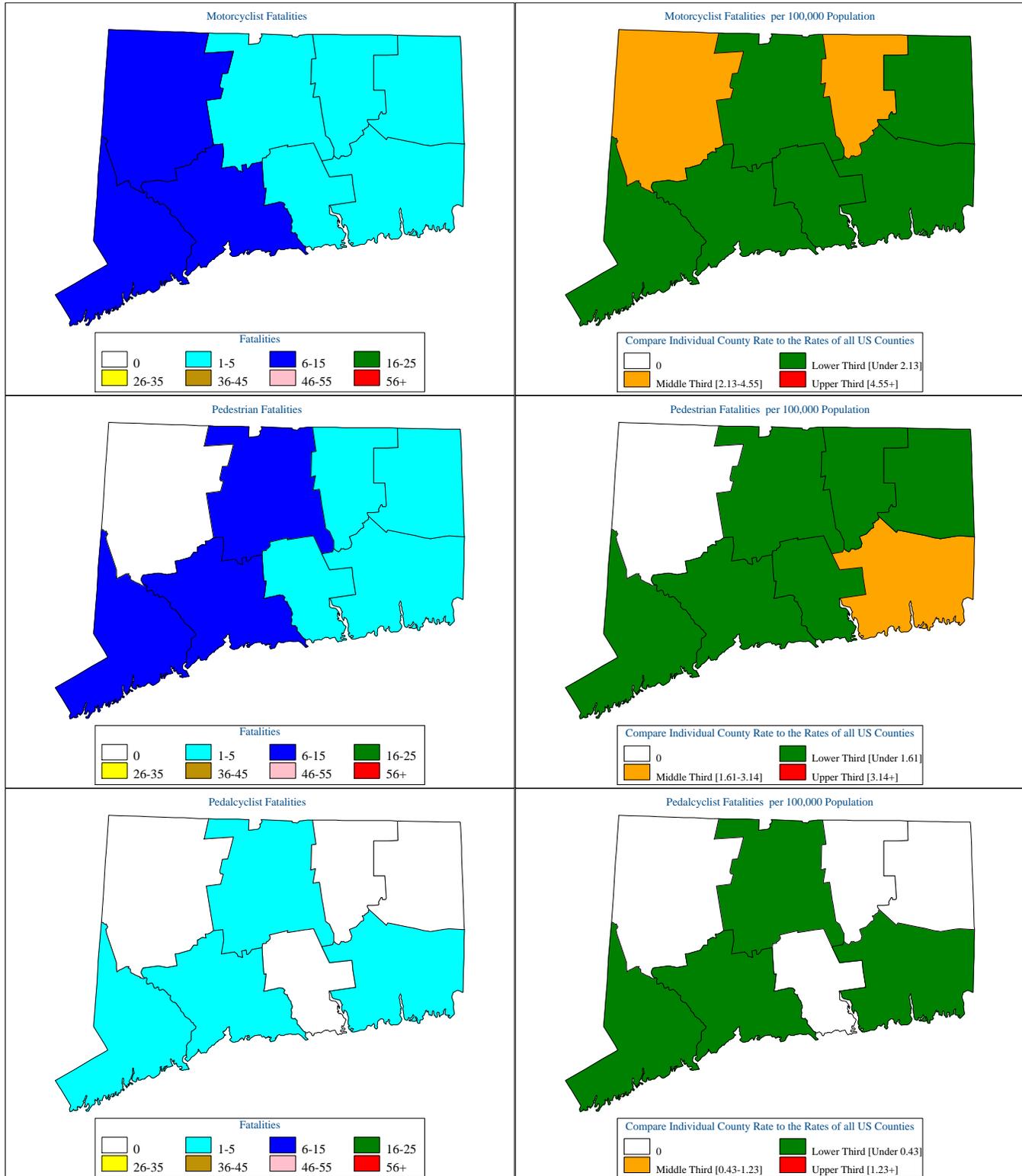
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