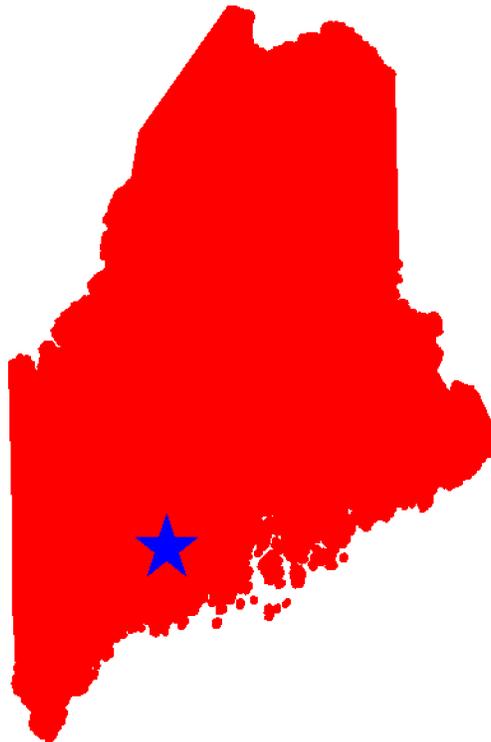




## Traffic Safety Facts Maine 2003-2007



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 Maine 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 Maine \*

Core Outcome Measures		Year				
		2003	2004	2005	2006	2007
<b>Total Traffic Fatalities</b>		207	194	169	188	183
<b>Fatalities Per 100 Million Vehicle Miles Driven**</b>	<b>Total</b>	1.39	1.30	1.13	1.25	
	<b>Rural</b>	1.83	1.56	1.50	1.49	
	<b>Urban</b>	0.10	0.53	0.19	0.59	
<b>Passenger Vehicle Occupant Fatalities (All Seat Positions)</b>	<b>Total</b>	168	152	135	141	141
	<b>Restrained</b>	62	56	48	48	57
	<b>Unrestrained</b>	87	75	64	65	76
	<b>Unknown</b>	19	21	23	28	8
<b>Alcohol-Impaired Driving Fatalities (BAC=.08+)**</b>		65	57	50	52	66
<b>Speeding-Related Fatalities</b>		79	90	86	72	86
<b>Motorcyclist Fatalities</b>	<b>Total</b>	20	22	15	23	21
	<b>Helmeted</b>	8	11	6	6	6
	<b>Unhelmeted</b>	12	11	9	16	15
	<b>Unknown</b>	0	0	0	1	0
<b>Drivers Involved in Fatal Crashes</b>	<b>Total</b>	284	256	225	246	232
	<b>Aged Under 15</b>	0	1	1	0	0
	<b>Aged 15-20</b>	33	40	34	38	26
	<b>Aged Under 21</b>	33	41	35	38	26
	<b>Aged 21 and Over</b>	250	214	189	208	206
	<b>Unknown Age</b>	1	1	1	0	0
<b>Pedestrian Fatalities</b>		13	10	9	10	10

\*These Performance Measures Were Developed By The National Highway Traffic Safety Administration (NHTSA) and the Governors Highway Safety Administration(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: Maine , 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	Maine	207	14,912	1.39	1,303,441	15.88
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Maine	194	14,948	1.30	1,308,892	14.82
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Maine	169	14,925	1.13	1,312,222	12.88
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Maine	188	15,044	1.25	1,314,910	14.30
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Maine	183			1,317,207	13.89
	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\*\*:  
Maine , 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	Maine	207	75	36	69	33	0.46
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Maine	194	70	36	58	30	0.39
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Maine	169	60	36	51	30	0.34
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		12	0.14
2006	Maine	188	75	40	56	30	0.37
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Maine	183	77	42	68	37	
	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\*\*:  
Maine , 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	Maine	207	65	31	0.44
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Maine	194	57	29	0.38
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Maine	169	50	30	0.34
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Maine	188	52	28	0.35
	US	42,708	13,491	32	0.45
	Best State*			18	0.20
2007	Maine	183	66	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

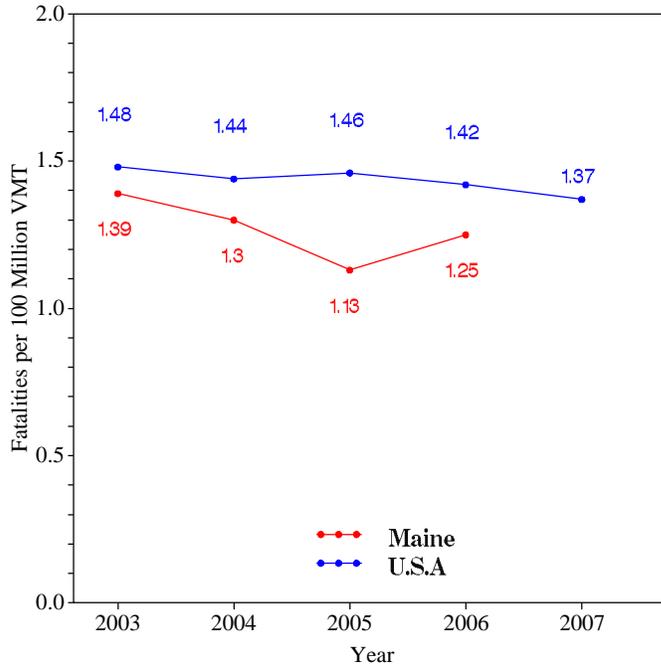
2007 National VMT is a Preliminary Estimate and Subject to Change

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

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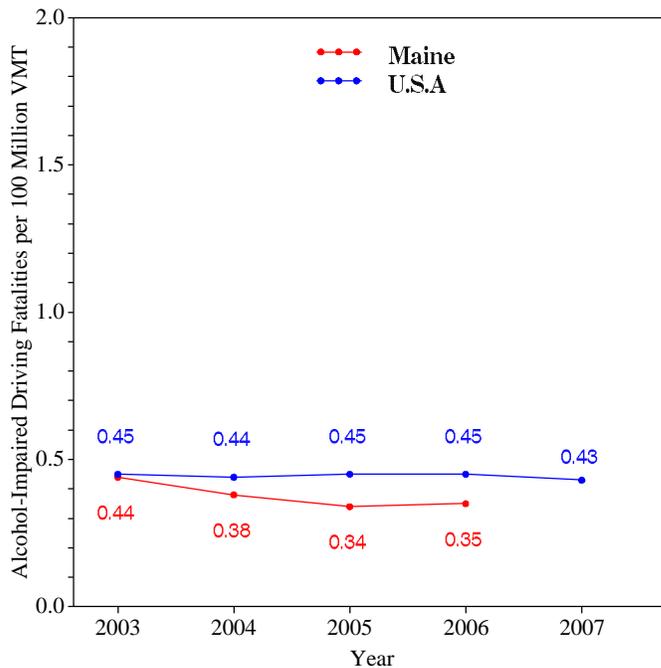


### Fatalities per 100 Million VMT



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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:  
Maine , 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	Maine	135	97	72	149	127	85	284	224	79
	US	31,738	8,196	26	26,779	18,836	70	58,517	27,032	46
	Best State*			76			98			83
2004	Maine	118	85	72	138	120	87	256	205	80
	US	31,524	8,215	26	26,871	18,275	68	58,395	26,490	45
	Best State*			80			97			82
2005	Maine	116	89	77	109	100	92	225	189	84
	US	31,729	7,415	23	27,491	18,773	68	59,220	26,188	44
	Best State*			77			98			84
2006	Maine	109	87	80	137	117	85	246	204	83
	US	30,498	7,482	25	27,348	18,911	69	57,846	26,393	46
	Best State*			81			99			85
2007	Maine	96	79	82	136	117	86	232	196	84
	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 Maine, U.S. and Best State

Table with 4 columns: Year, Category (Maine, US, Best State\*), Fatalities - Restrained\*\* (Percent), and Observed - Restrained\*\*\* (Percent). Rows are grouped by year from 2003 to 2007.

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

\*\*Percent Based Only Where Restraint Use Was Known

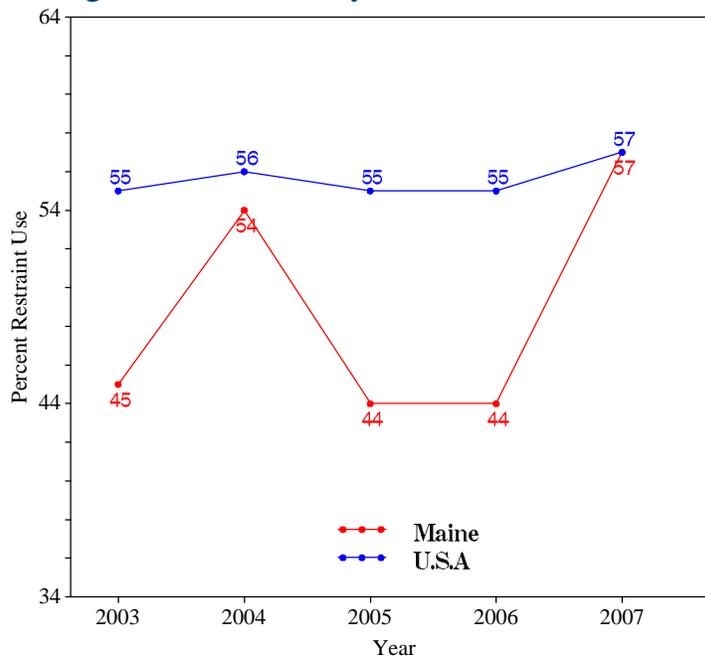
\*\*\*USA Data: National Occupant Protection Use Survey. Maine Data: State Survey

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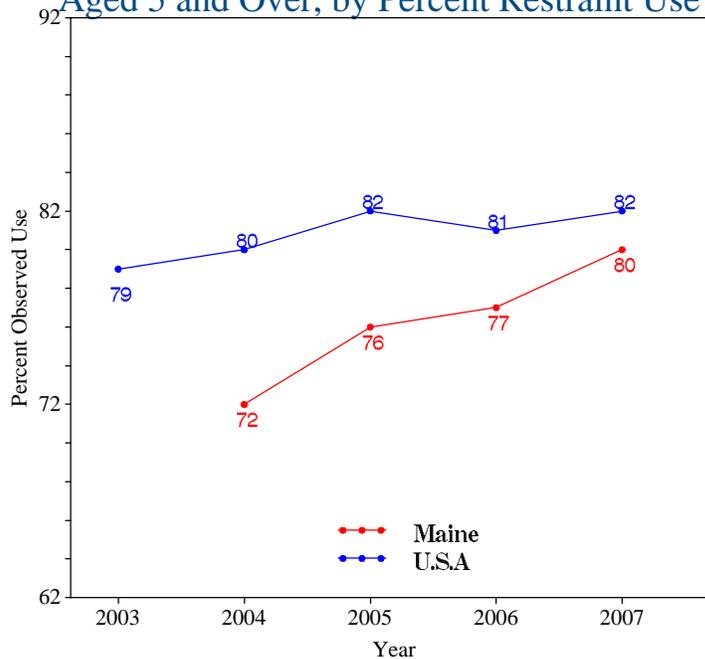
### Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use\*



\*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. Maine 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	168	62	87	19	42	66	43
2004	147	52	74	21	41	70	38
2005	134	47	64	23	42	55	28
2006	140	48	65	27	42	66	33
2007	140	56	76	8	42	72	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	5	4	1	0	80	6	1
2005	1	1	0	0	100	1	0
2006	0	0	0	1		1	0
2007	1	1	0	0	100	1	

\*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	20	8	12	0	40	5	4
2004	22	11	11	0	50	7	4
2005	15	6	9	0	40	4	3
2006	23	6	16	1	27	4	6
2007	21	6	15	0	29	4	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	
		#	%*	#	%*	#	%*	#	%*	#	%*
<b>Occupants</b>	<b>Passenger Car</b>	128	62	92	47	86	51	90	48	83	45
	<b>Light Truck - Pickup</b>	15	7	24	12	25	15	22	12	17	9
	<b>Light Truck - Utility</b>	19	9	27	14	19	11	20	11	30	16
	<b>Light Truck - Van</b>	6	3	9	5	5	3	9	5	11	6
	<b>Large Truck</b>	1	0	2	1	1	1	4	2	5	3
	<b>Other/Unknown Occupants</b>	4	2	7	4	5	3	5	3	3	2
	<b><i>Total Occupants</i></b>	173	84	161	83	141	83	150	80	149	81
<b>Motorcyclists</b>	<b><i>Total Motorcyclists</i></b>	20	10	22	11	15	9	23	12	21	11
<b>Nonoccupants</b>	<b>Pedestrian</b>	13	6	10	5	9	5	10	5	10	5
	<b>Bicyclist and Other Cyclist</b>	1	0	1	1	3	2	4	2	1	1
	<b>Other/Unknown Nonoccupants</b>	0	0	0	0	1	1	1	1	2	1
	<b><i>Total Nonoccupants</i></b>	14	7	11	6	13	8	15	8	13	7
<b>Total</b>	<b><i>Total</i></b>	207	100	194	100	169	100	188	100	183	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
<b>Total Fatalities (All Crashes)*</b>	207	194	169	188	183
<b>- (1) Single Vehicle</b>	108	111	102	110	120
<b>- (2) Involving a Large Truck</b>	14	21	19	21	21
<b>- (3) Involving Speeding</b>	79	90	86	72	86
<b>- (4) Involving a Rollover</b>	58	70	52	49	61
<b>- (5) Involving a Roadway Departure</b>	145	139	131	146	150
<b>- (6) Involving an Intersection (or Intersection Related)</b>	37	22	14	23	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	2	8	2	5	1	2	20
2004	3	4	1	8	1	5	22
2005	0	3	2	6	3	1	15
2006	1	4	2	7	8	1	23
2007	0	5	2	4	5	5	21

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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	20	34,923	57.27
2004	22	38,712	56.83
2005	15	40,477	37.06
2006	23	45,482	50.57
2007	21		

\*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>	0	1	0	2
	<b>White Non-Hispanic</b>	193	175	145	167
	<b>Black, Non-Hispanic</b>	0	5	5	2
	<b>American Indian, Non-Hispanic/Unknown</b>	0	0	3	2
	<b>All Other Non-Hispanic or Race</b>	0	2	3	0
	<b>Total</b>	193	183	156	173
<b>Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)</b>					
	<b>Hispanic</b>	0	0	0	0
	<b>White Non-Hispanic</b>	14	11	13	15
	<b>Black, Non-Hispanic</b>	0	0	0	0
	<b>American Indian, Non-Hispanic/Unknown</b>	0	0	0	0
	<b>All Other Non-Hispanic or Race</b>	0	0	0	0
	<b>Total</b>	14	11	13	15
<b>Total</b>	207	194	169	188	

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>Cumberland County</b>	19	25	28	28	27	9	13	17	15	15
2	<b>York County</b>	25	23	25	20	26	12	12	15	11	14
3	<b>Penobscot County</b>	21	26	17	14	18	10	13	10	7	10
4	<b>Aroostook County</b>	19	15	6	11	17	9	8	4	6	9
5	<b>Hancock County</b>	9	12	13	12	14	4	6	8	6	8
6	<b>Kennebec County</b>	17	7	18	19	14	8	4	11	10	8
7	<b>Somerset County</b>	11	8	14	16	14	5	4	8	9	8
8	<b>Androscoggin County</b>	15	15	8	15	11	7	8	5	8	6
9	<b>Lincoln County</b>	8	7	3	5	8	4	4	2	3	4
10	<b>Washington County</b>	10	12	4	7	8	5	6	2	4	4
<b>Sub Total 1.*</b>	<b>Top Ten Counties</b>	160	159	147	156	157	77	82	87	83	86
<b>Sub Total 2.**</b>	<b>All Other Counties</b>	47	35	22	32	26	23	18	13	17	14
<b>Total</b>	<b>All Counties</b>	207	194	169	188	183	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	Cumberland County	19	25	28	28	27	32	12	0	-4
2	York County	25	23	25	20	26	-8	9	-20	30
3	Penobscot County	21	26	17	14	18	24	-35	-18	29
4	Aroostook County	19	15	6	11	17	-21	-60	83	55
5	Hancock County	9	12	13	12	14	33	8	-8	17
6	Kennebec County	17	7	18	19	14	-59	157	6	-26
7	Somerset County	11	8	14	16	14	-27	75	14	-13
8	Androscoggin County	15	15	8	15	11	0	-47	88	-27
9	Lincoln County	8	7	3	5	8	-13	-57	67	60
10	Washington County	10	12	4	7	8	20	-67	75	14
<b>Sub Total 1.*</b>	<b>Top Ten Counties</b>	160	159	147	156	157	-1	-8	6	1
<b>Sub Total 2.**</b>	<b>All Other Counties</b>	47	35	22	32	26	-26	-37	45	-19
<b>Total</b>	<b>All Counties</b>	207	194	169	188	183	-6	-13	11	-3

\*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	Somerset County	21.58	15.73	27.46	31.07	27.10	
2	Hancock County	17.08	22.59	24.48	22.54	26.28	
3	Washington County	30.14	36.20	12.17	21.36	24.43	
4	Aroostook County	26.16	20.68	8.29	15.25	23.60	
5	Lincoln County	23.16	20.09	8.60	14.37	22.99	
6	Franklin County	26.91	13.47	13.46	23.42	16.71	
7	Waldo County	31.71	18.40	13.10	18.20	15.58	
8	Sagadahoc County	24.52	13.65	24.75	10.97	13.74	
9	York County	12.66	11.53	12.44	9.96	12.91	
10	Penobscot County	14.27	17.72	11.56	9.45	12.10	
<b>Sub Rate 1.*</b>		<b>Top Ten Counties</b>	24.69	21.17	16.51	19.88	17.30
<b>Sub Rate 2.**</b>		<b>All Other Counties</b>	11.85	10.32	9.46	10.73	10.04
<b>Total Rate</b>		<b>All Counties</b>	15.88	14.82	12.88	14.30	13.89

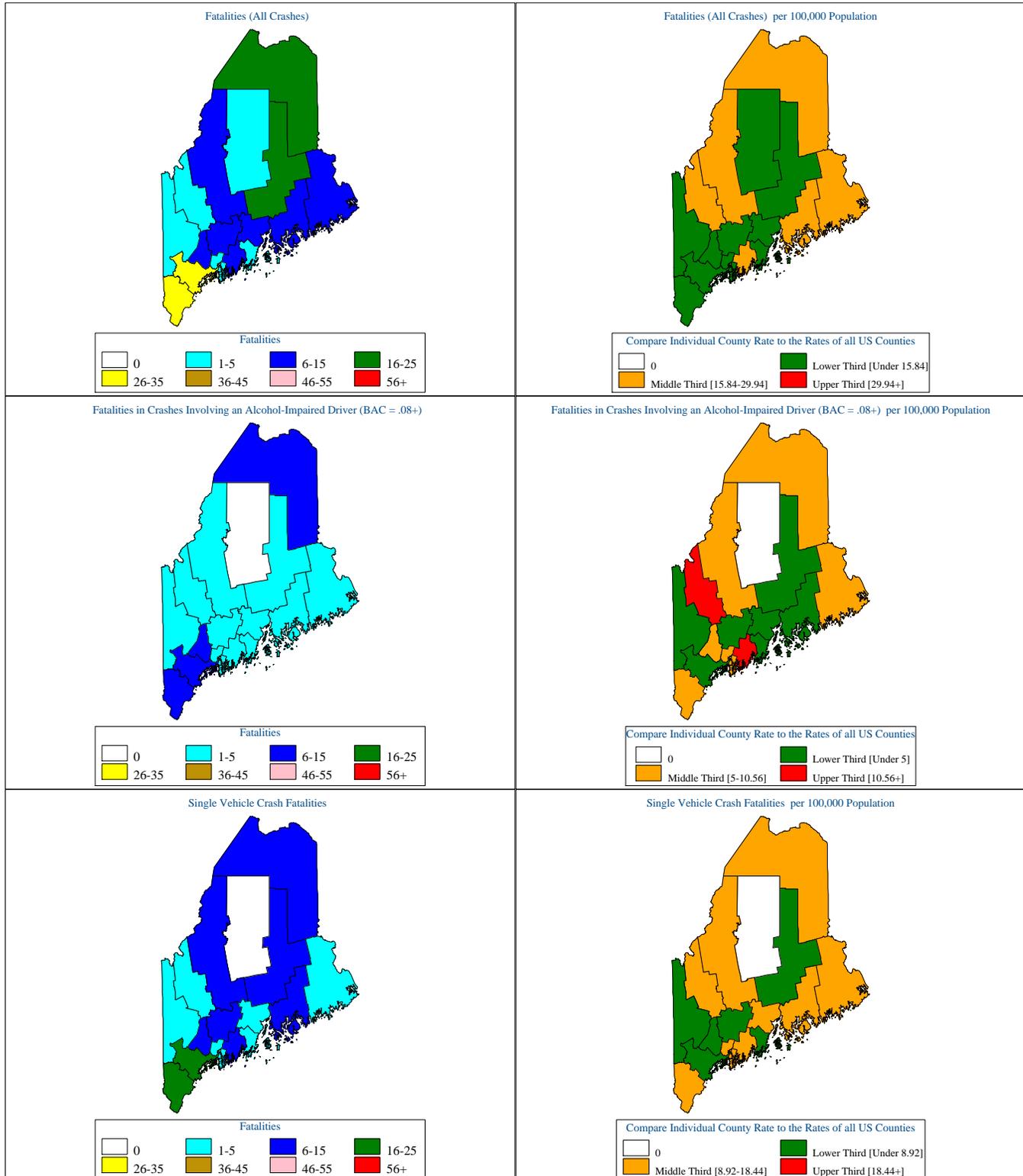
\*This Sub Rate is the Rate for the Top Ten Counties

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

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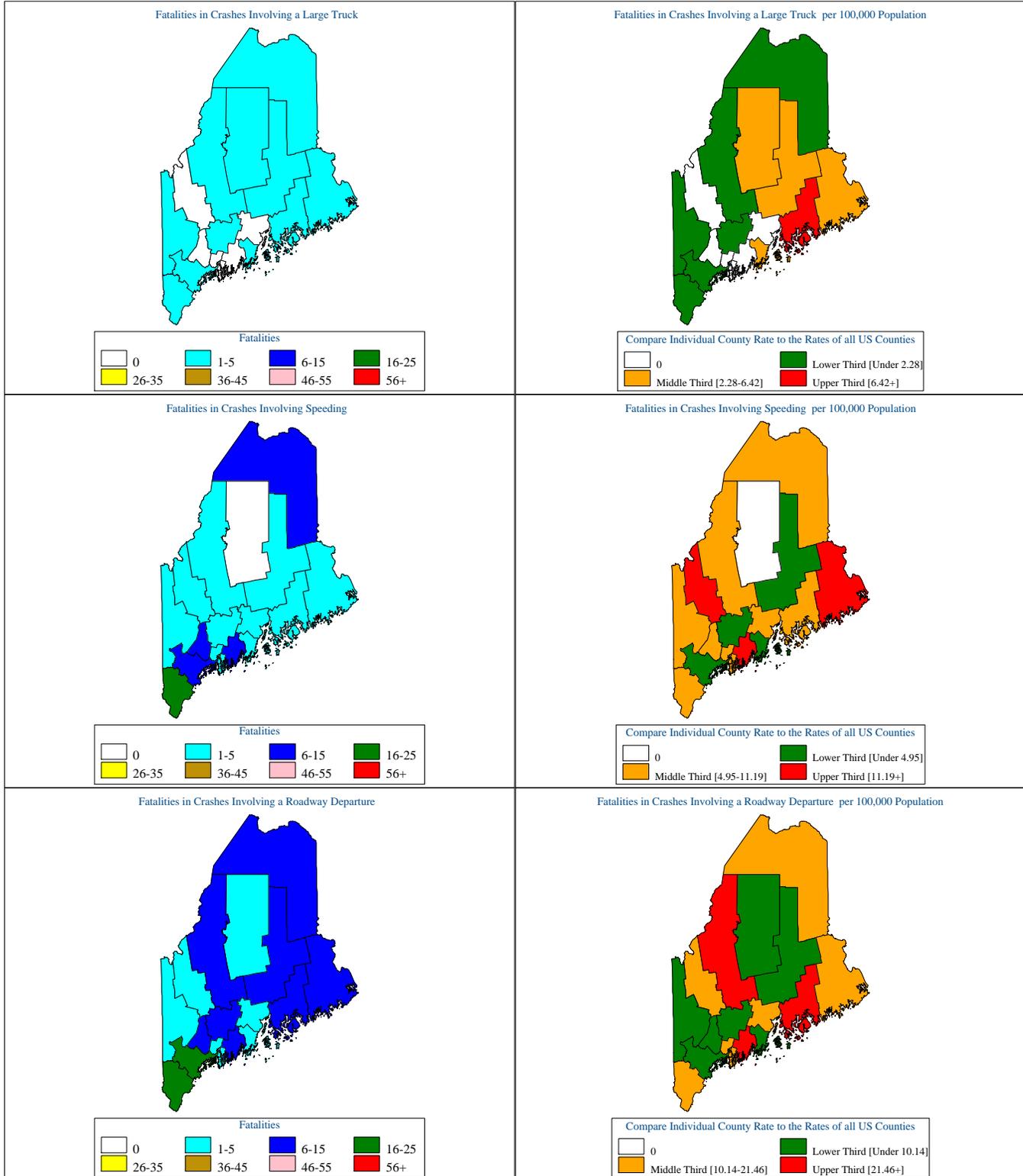
### Maine Motor Vehicle Crash Fatality Maps for 2007



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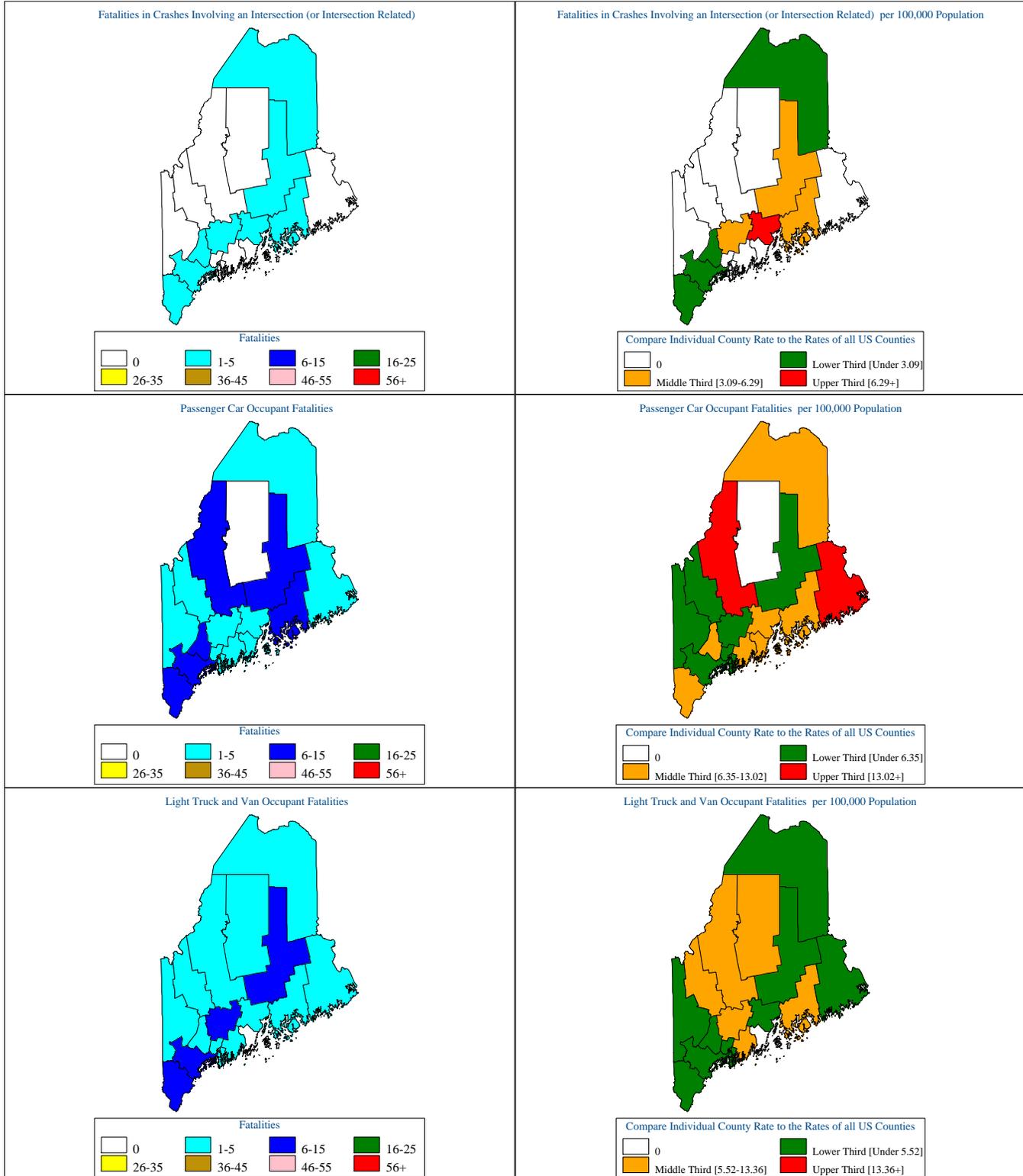
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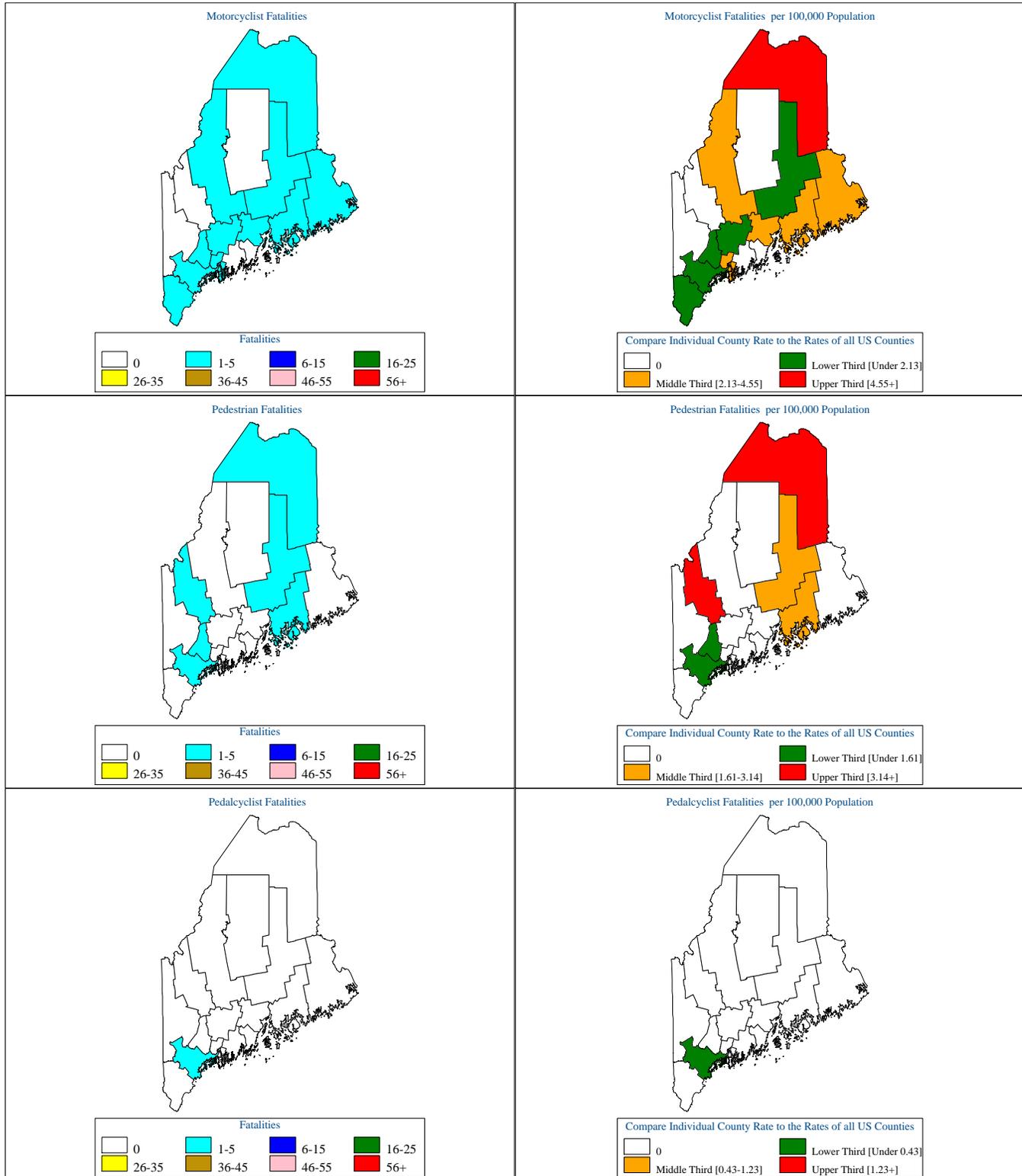
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