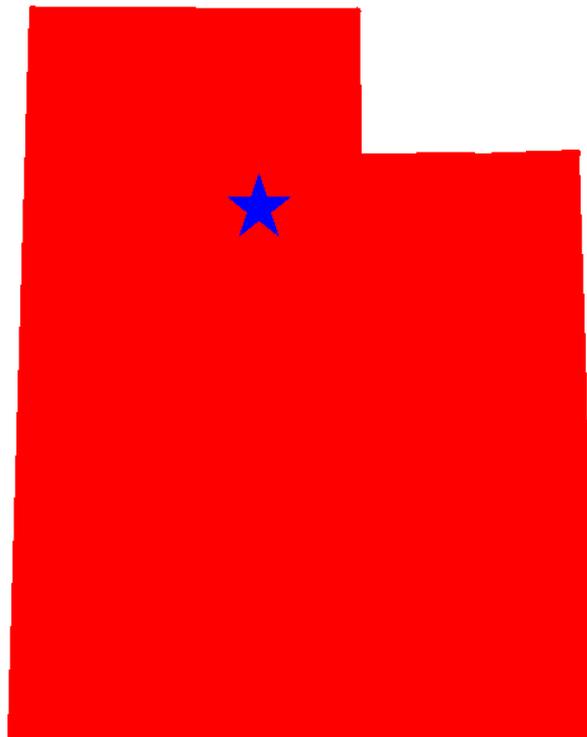




Traffic Safety Facts Utah 2003-2007



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 Utah 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 Utah *

Core Outcome Measures		Year				
		2003	2004	2005	2006	2007
Traffic Fatalities	Total	309	296	282	287	299
	Rural	232	210	186	175	189
	Urban	77	86	96	112	110
	Unknown	0	0	0	0	0
Fatalities Per 100 Million Vehicle Miles Driven**	Total	1.29	1.20	1.12	1.11	
	Rural	2.66	2.87	2.48	2.18	
	Urban	0.50	0.49	0.54	0.62	
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	241	218	223	217	217
	Restrained	102	85	99	101	103
	Unrestrained	137	127	123	86	78
	Unknown	2	6	1	30	36
Alcohol-Impaired Driving Fatalities (BAC=.08+)**		36	67	33	53	51
Speeding-Related Fatalities		93	92	75	61	110
Motorcyclist Fatalities	Total	22	31	23	24	32
	Helmeted	5	8	5	8	17
	Unhelmeted	17	23	18	15	14
	Unknown	0	0	0	1	1
Drivers Involved in Fatal Crashes	Total	377	372	362	364	372
	Aged Under 15	2	1	1	1	0
	Aged 15-20	70	54	50	62	55
	Aged Under 21	72	55	51	63	55
	Aged 21 and Over	304	317	307	296	314
	Unknown Age	1	0	4	5	3
Pedestrian Fatalities		28	25	20	29	32

*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: Utah , 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	Utah	309	24,029	1.29	2,373,260	13.02
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Utah	296	24,696	1.20	2,430,841	12.18
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Utah	282	25,158	1.12	2,505,013	11.26
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Utah	287	25,964	1.11	2,579,535	11.13
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Utah	299			2,645,330	11.30
	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**:
 Utah , 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	Utah	309	47	15	39	13	0.16
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Utah	296	75	25	72	24	0.29
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Utah	282	40	14	35	12	0.14
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		12	0.14
2006	Utah	287	68	24	58	20	0.22
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Utah	299	68	23	56	19	
	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**:
Utah , 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	Utah	309	36	12	0.15
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Utah	296	67	23	0.27
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Utah	282	33	12	0.13
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Utah	287	53	18	0.20
	US	42,708	13,491	32	0.45
	Best State*			18	0.20
2007	Utah	299	51	17	
	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

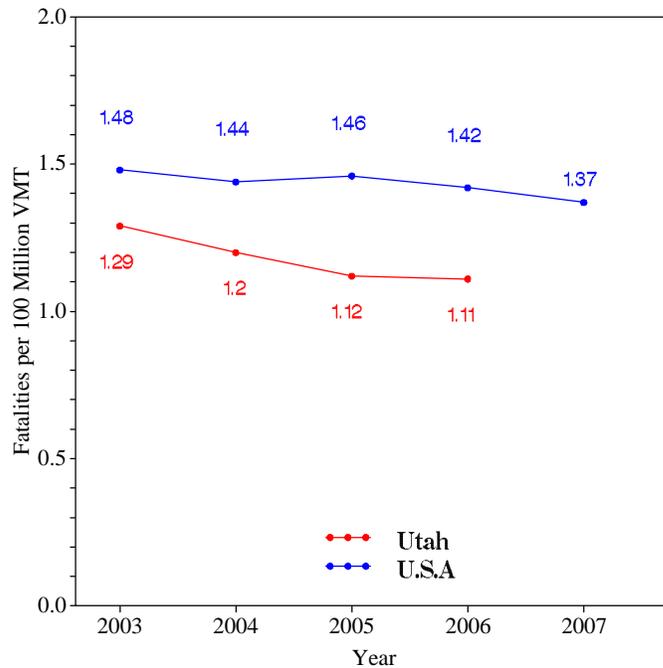
2007 National VMT is a Preliminary Estimate and Subject to Change

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

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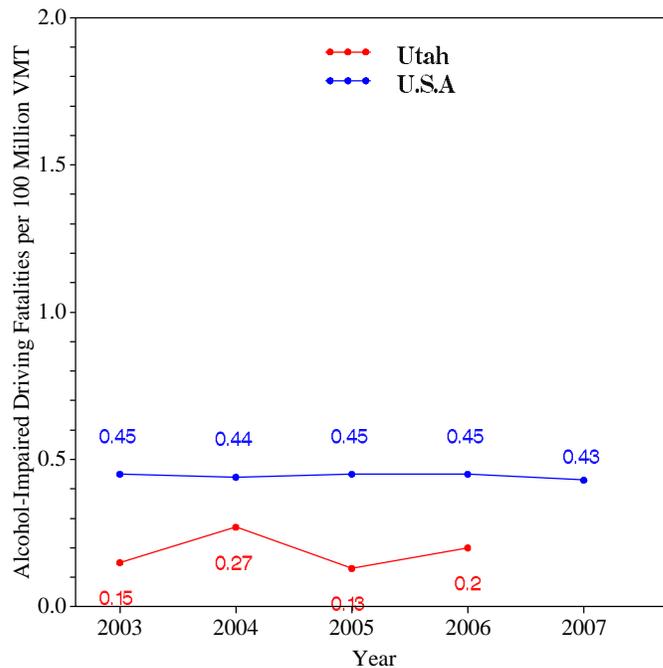


Fatalities per 100 Million VMT



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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:
Utah , 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	Utah	207	107	52	170	106	62	377	213	56
	US	31,738	8,196	26	26,779	18,836	70	58,517	27,032	46
	Best State*			76			98			83
2004	Utah	199	113	57	173	114	66	372	227	61
	US	31,524	8,215	26	26,871	18,275	68	58,395	26,490	45
	Best State*			80			97			82
2005	Utah	201	73	36	161	86	53	362	159	44
	US	31,729	7,415	23	27,491	18,773	68	59,220	26,188	44
	Best State*			77			98			84
2006	Utah	199	71	36	165	68	41	364	139	38
	US	30,498	7,482	25	27,348	18,911	69	57,846	26,393	46
	Best State*			81			99			85
2007	Utah	203	77	38	169	73	43	372	150	40
	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 Utah , U.S. and Best State

Table with columns: Year, Fatalities - Restrained**, Observed - Restrained***. Rows include years 2003-2007 and categories: Utah, US, Best State*.

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

**Percent Based Only Where Restraint Use Was Known

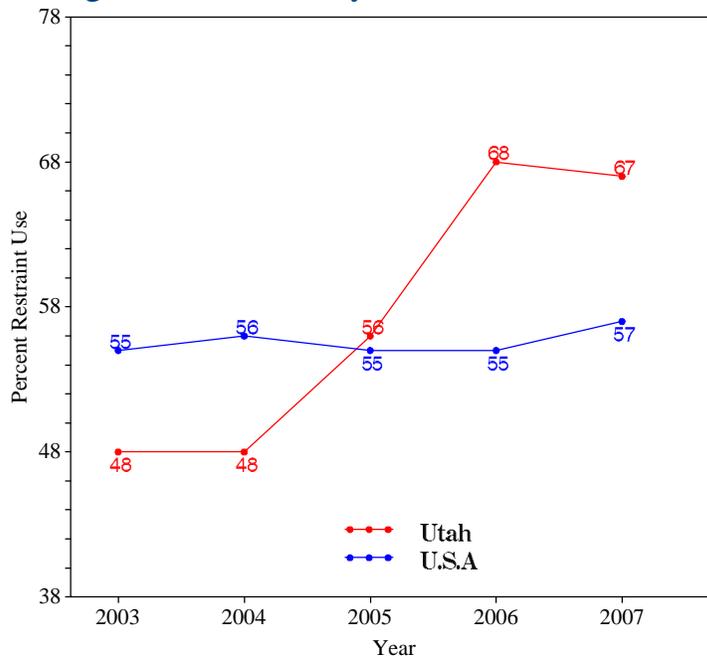
***USA Data: National Occupant Protection Use Survey. Utah Data: State Survey

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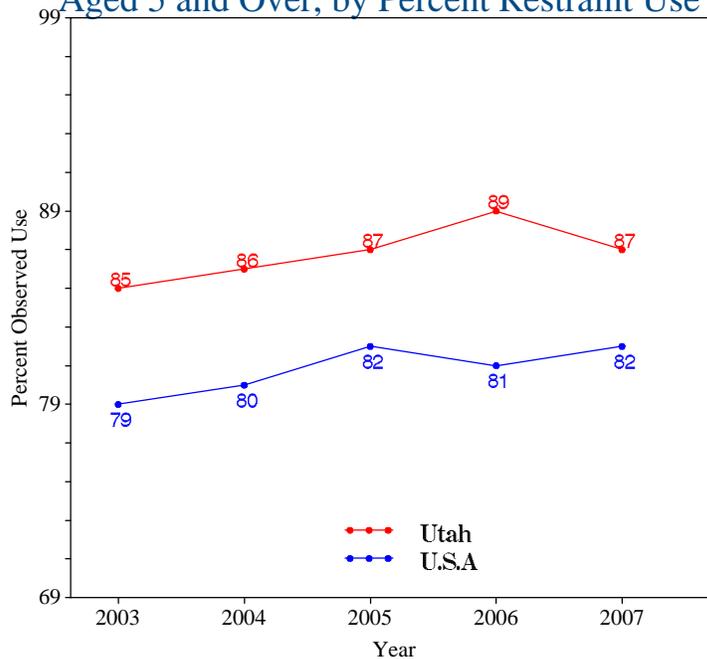
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use*



*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, Utah 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	230	98	131	1	43	120	39
2004	210	81	124	5	40	106	33
2005	211	94	116	1	45	111	30
2006	210	98	83	29	54	143	33
2007	203	98	76	29	56	137	38

*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	7	3	3	1	50	0	2
2004	5	4	1	0	80	8	0
2005	5	2	3	0	40	4	1
2006	4	3	1	0	75	4	0
2007	6	5	1	0	83	8	

*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	22	5	17	0	23	3	6
2004	31	8	23	0	26	5	8
2005	23	5	18	0	22	3	7
2006	24	8	15	1	35	5	6
2007	32	17	14	1	55	11	5

*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	102	33	102	34	111	39	110	38	94	31
	Light Truck - Pickup	45	15	43	15	33	12	43	15	63	21
	Light Truck - Utility	69	22	58	20	58	21	45	16	52	17
	Light Truck - Van	25	8	15	5	21	7	19	7	8	3
	Large Truck	4	1	12	4	10	4	6	2	9	3
	Other/Unknown Occupants	12	4	4	1	3	1	1	0	3	1
	<i>Total Occupants</i>	257	83	234	79	236	84	224	78	229	77
Motorcyclists	<i>Total Motorcyclists</i>	22	7	31	10	23	8	24	8	32	11
Nonoccupants	Pedestrian	28	9	25	8	20	7	29	10	32	11
	Bicyclist and Other Cyclist	2	1	6	2	3	1	10	3	6	2
	<i>Total Nonoccupants</i>	30	10	31	10	23	8	39	14	38	13
Total	<i>Total</i>	309	100	296	100	282	100	287	100	299	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)*	309	296	282	287	299
- (1) Single Vehicle	182	186	156	163	182
- (2) Involving a Large Truck	21	31	32	39	39
- (3) Involving Speeding	93	92	75	61	110
- (4) Involving a Rollover	134	138	125	101	121
- (5) Involving a Roadway Departure	181	163	133	150	164
- (6) Involving an Intersection (or Intersection Related)	51	37	53	39	43

(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	6	1	6	5	2	22
2004	1	9	3	7	9	2	31
2005	2	7	5	1	5	3	23
2006	4	7	4	2	6	1	24
2007	4	7	1	6	6	8	32

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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	22	38,131	57.70
2004	31	44,386	69.84
2005	23	48,484	47.44
2006	24	50,895	47.16
2007	32		

*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	0	0	0	6
	White Non-Hispanic	0	0	0	7
	Unknown Race and Unknown Hispanic	279	265	259	235
	Total	279	265	259	248
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)					
	Hispanic	0	0	0	0
	White Non-Hispanic	0	0	0	1
	Unknown Race and Unknown Hispanic	30	31	23	38
	Total	30	31	23	39
Total		309	296	282	287

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	Salt Lake County	51	73	63	70	54	17	25	22	24	18
2	Weber County	10	13	20	14	25	3	4	7	5	8
3	Utah County	38	26	21	30	24	12	9	7	10	8
4	Washington County	23	13	14	22	22	7	4	5	8	7
5	Davis County	16	10	8	14	19	5	3	3	5	6
6	Box Elder County	11	12	32	10	17	4	4	11	3	6
7	San Juan County	4	7	8	8	16	1	2	3	3	5
8	Millard County	12	14	16	7	15	4	5	6	2	5
9	Wasatch County	13	8	7	6	11	4	3	2	2	4
10	Tooele County	25	23	15	14	10	8	8	5	5	3
Sub Total 1.*	Top Ten Counties	217	209	207	206	213	70	71	73	72	71
Sub Total 2.**	All Other Counties	92	87	75	81	86	30	29	27	28	29
Total	All Counties	309	296	282	287	299	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	Salt Lake County	51	73	63	70	54	43	-14	11	-23
2	Weber County	10	13	20	14	25	30	54	-30	79
3	Utah County	38	26	21	30	24	-32	-19	43	-20
4	Washington County	23	13	14	22	22	-43	8	57	0
5	Davis County	16	10	8	14	19	-38	-20	75	36
6	Box Elder County	11	12	32	10	17	9	167	-69	70
7	San Juan County	4	7	8	8	16	75	14	0	100
8	Millard County	12	14	16	7	15	17	14	-56	114
9	Wasatch County	13	8	7	6	11	-38	-13	-14	83
10	Tooele County	25	23	15	14	10	-8	-35	-7	-29
Sub Total 1.*	Top Ten Counties	217	209	207	206	213	-4	-1	-0	3
Sub Total 2.**	All Other Counties	92	87	75	81	86	-5	-14	8	6
Total	All Counties	309	296	282	287	299	-4	-5	2	4

*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	Piute County	0.00	72.62	0.00	74.40	149.14
2	Millard County	98.63	116.65	134.44	58.69	125.53
3	San Juan County	29.12	50.22	57.57	57.10	110.47
4	Daggett County	0.00	0.00	0.00	0.00	107.87
5	Juab County	81.34	56.90	112.33	32.84	83.30
6	Kane County	66.52	49.63	16.18	140.47	76.65
7	Emery County	171.15	115.44	77.21	48.52	67.31
8	Garfield County	44.83	0.00	115.07	22.71	66.24
9	Grand County	81.54	128.31	91.82	78.63	55.41
10	Wasatch County	74.65	44.77	37.27	30.11	53.57
	Sub Rate 1.* Top Ten Counties	74.55	67.03	78.44	56.65	81.73
	Sub Rate 2.** All Other Counties	9.22	9.08	7.77	9.31	8.84
	Total Rate All Counties	13.02	12.18	11.26	11.13	11.30

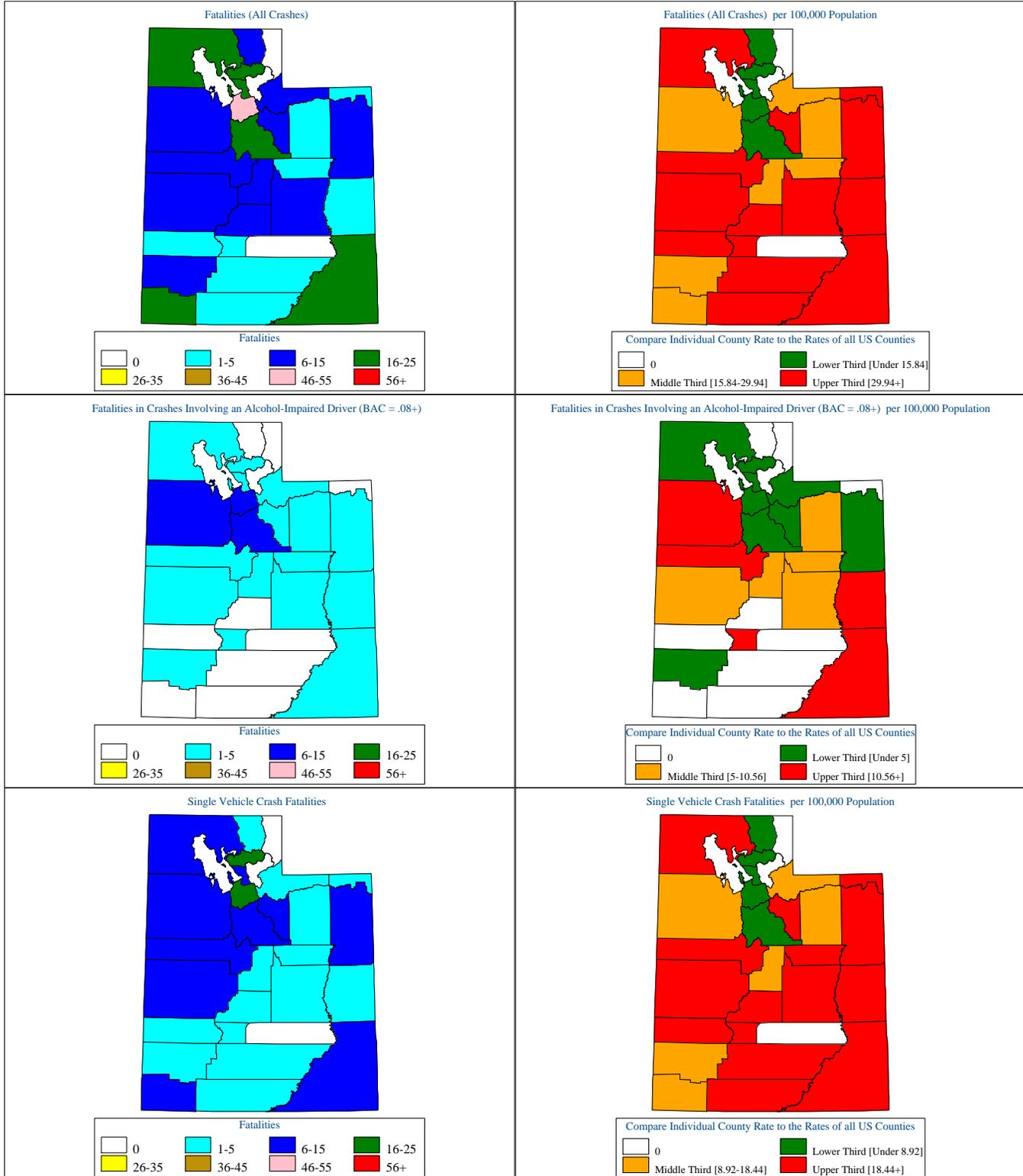
*This Sub Rate is the Rate for the Top Ten Counties

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

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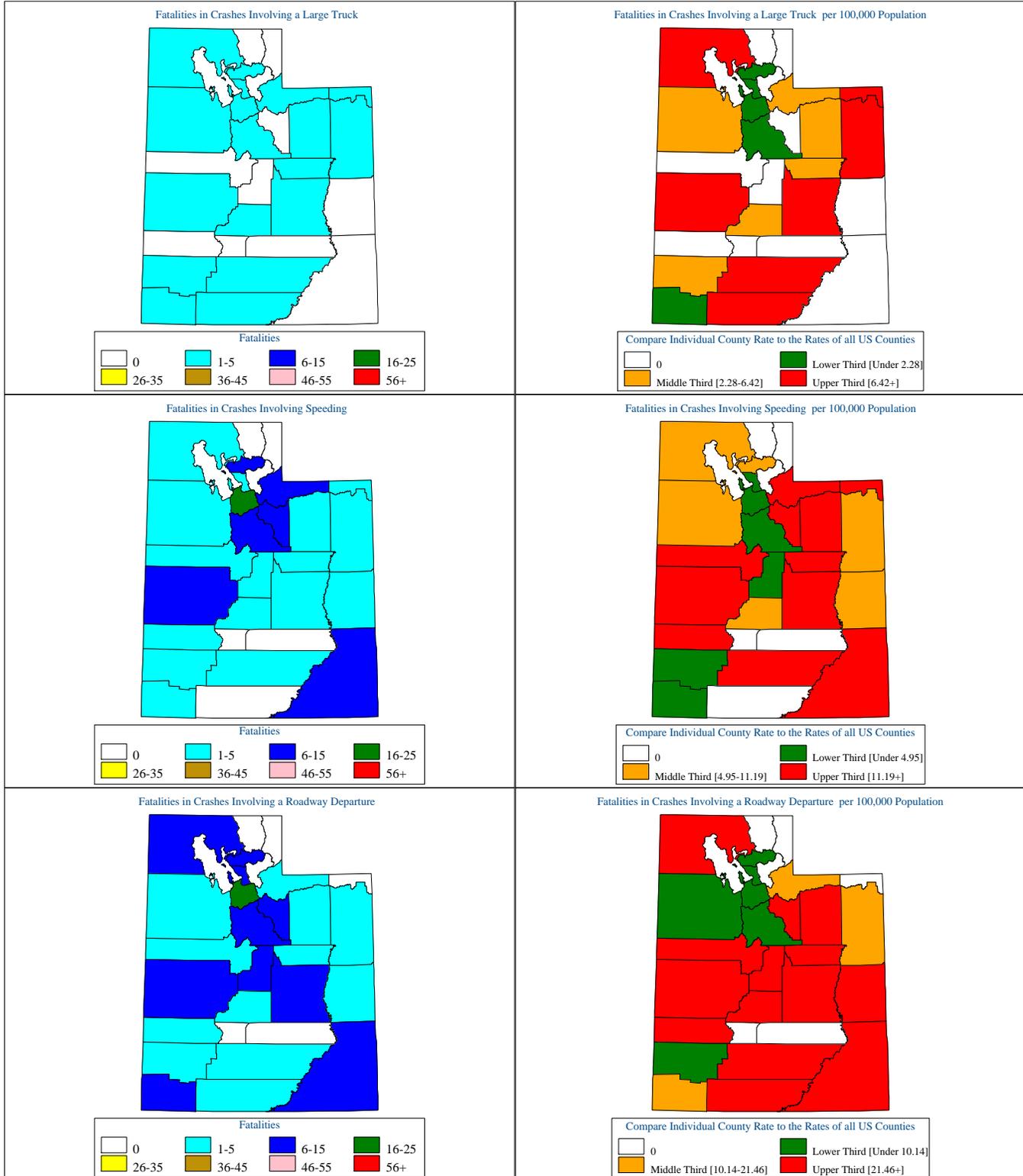
Utah Motor Vehicle Crash Fatality Maps for 2007



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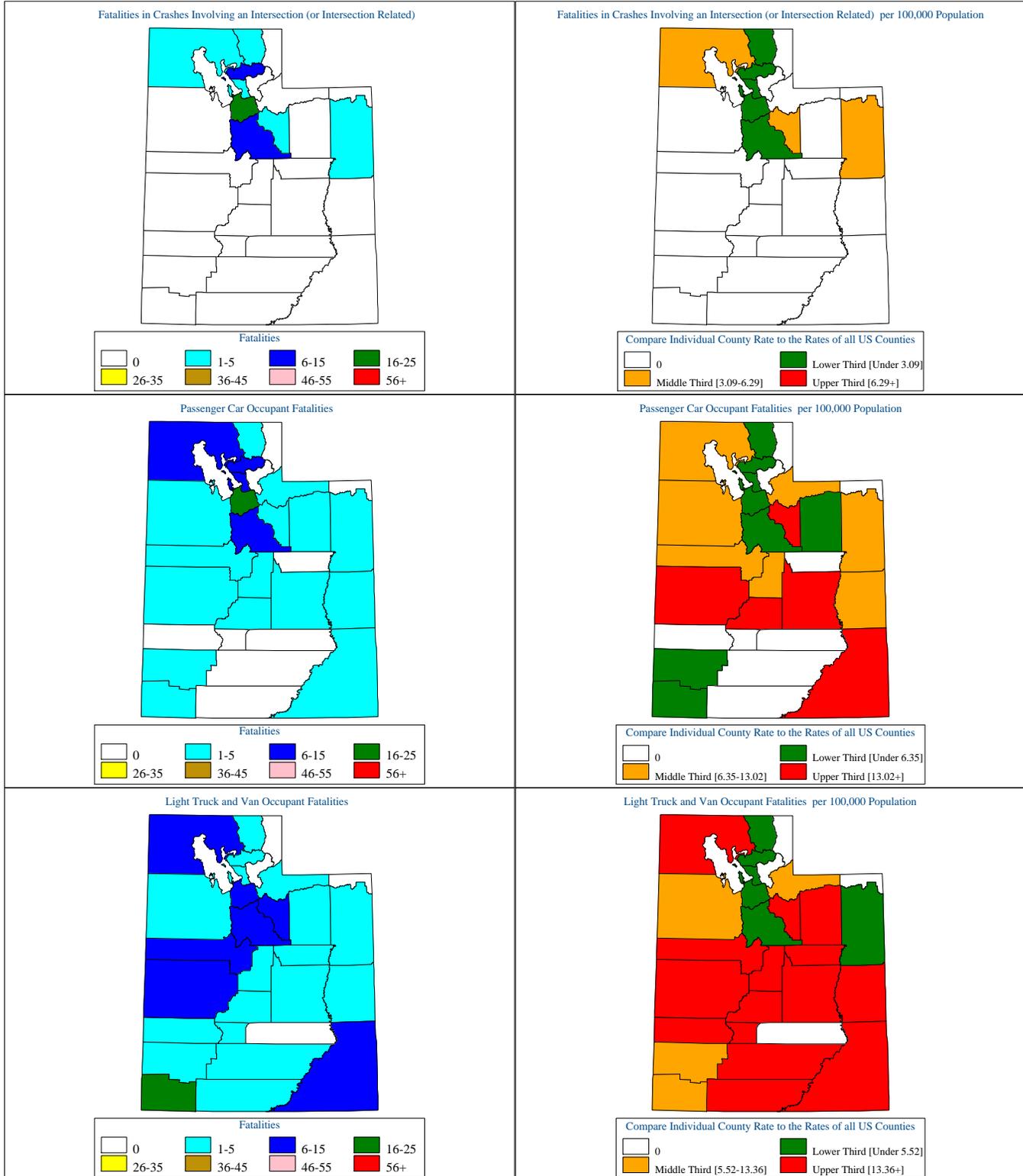
Utah Motor Vehicle Crash Fatality Maps for 2007



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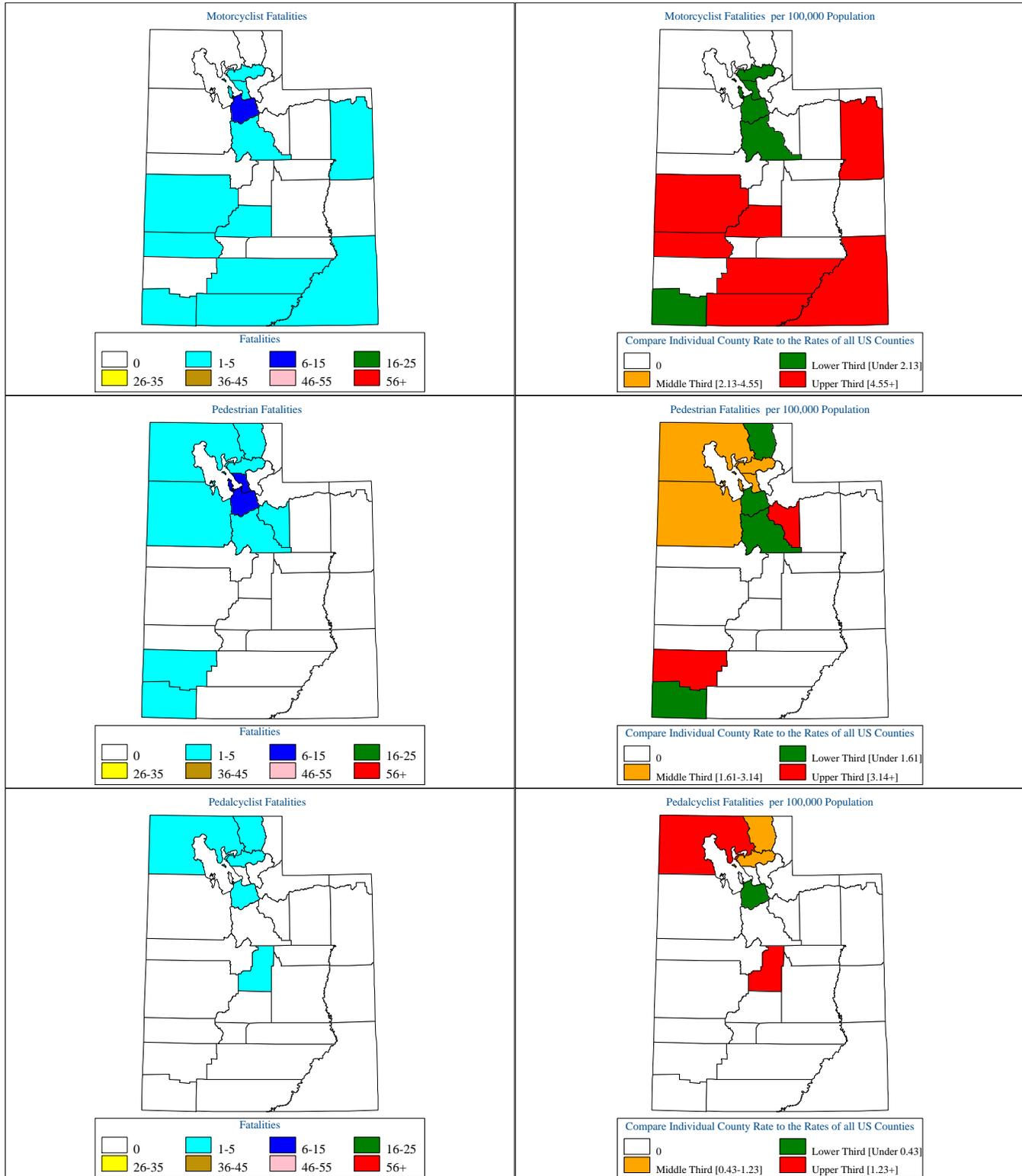
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