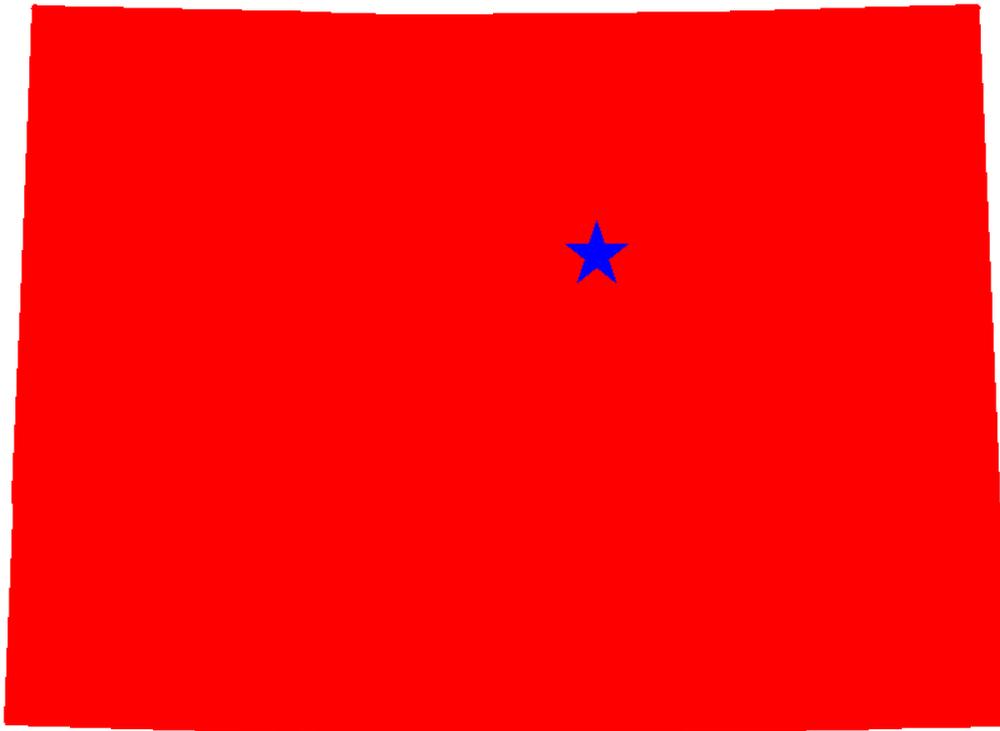




Traffic Safety Facts Colorado 2003-2007



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 Colorado 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 Colorado *

Core Outcome Measures		Year				
		2003	2004	2005	2006	2007
Total Traffic Fatalities		642	667	606	535	554
Fatalities Per 100 Million Vehicle Miles Driven**	Total	1.48	1.45	1.26	1.10	
	Rural	2.49	2.61	2.23	1.98	
	Urban	1.00	0.90	0.83	0.69	
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	497	492	444	368	367
	Restrained	199	209	188	139	161
	Unrestrained	296	275	250	226	193
	Unknown	2	8	6	3	13
Alcohol-Impaired Driving Fatalities (BAC=.08+)**		203	200	206	179	170
Speeding-Related Fatalities		246	255	204	182	224
Motorcyclist Fatalities	Total	70	81	87	74	90
	Helmeted	13	19	4	13	33
	Unhelmeted	57	62	83	61	57
	Unknown	0	0	0	0	0
Drivers Involved in Fatal Crashes	Total	876	951	847	721	789
	Aged Under 15	2	1	1	2	2
	Aged 15-20	137	157	107	97	85
	Aged Under 21	139	158	108	99	87
	Aged 21 and Over	726	777	727	614	696
	Unknown Age	11	16	12	8	6
Pedestrian Fatalities		56	70	48	59	58

*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: Colorado , 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	Colorado	642	43,379	1.48	4,555,212	14.09
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Colorado	667	45,891	1.45	4,609,264	14.47
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Colorado	606	47,962	1.26	4,673,724	12.97
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Colorado	535	48,641	1.10	4,766,248	11.22
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Colorado	554			4,861,515	11.40
	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**:
 Colorado , 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	Colorado	642	252	39	228	36	0.53
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Colorado	667	265	40	228	34	0.50
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Colorado	606	252	42	222	37	0.46
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		12	0.14
2006	Colorado	535	227	42	193	36	0.40
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Colorado	554	226	41	197	36	
	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**:
Colorado , U.S. and Best State
(New Definition)

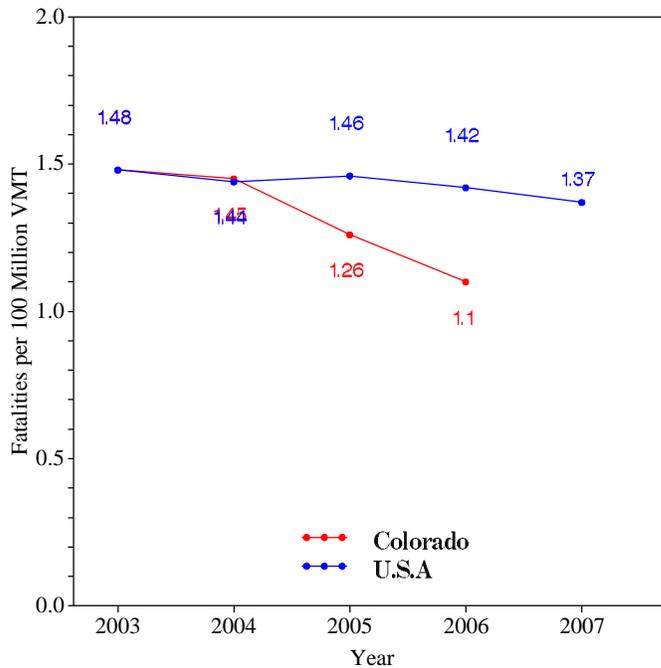
Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)		
			Number	Percent	Per 100 Million VMT
2003	Colorado	642	203	32	0.47
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Colorado	667	200	30	0.44
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Colorado	606	206	34	0.43
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Colorado	535	179	33	0.37
	US	42,708	13,491	32	0.45
	Best State*			18	0.20
2007	Colorado	554	170	31	
	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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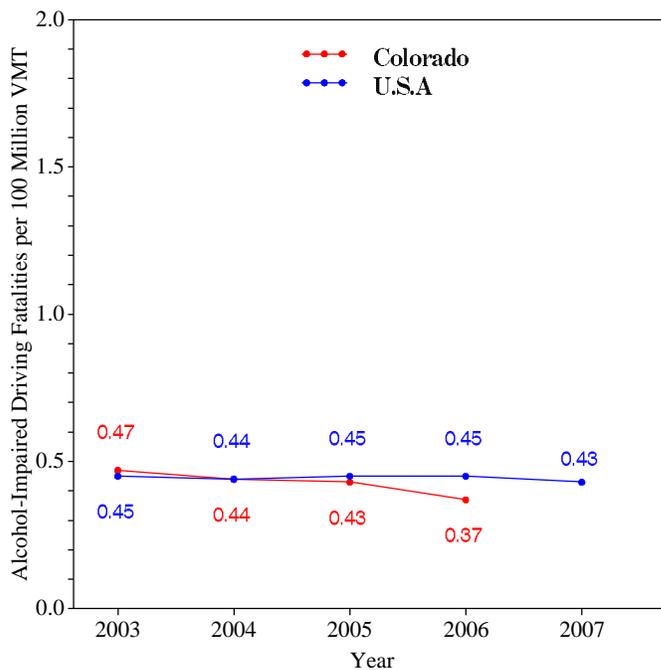


Fatalities per 100 Million VMT



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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:
Colorado , 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	Colorado	475	117	25	401	354	88	876	471	54
	US	31,738	8,196	26	26,779	18,836	70	58,517	27,032	46
	Best State*			76			98			83
2004	Colorado	551	83	15	400	251	63	951	334	35
	US	31,524	8,215	26	26,871	18,275	68	58,395	26,490	45
	Best State*			80			97			82
2005	Colorado	453	32	7	394	259	66	847	291	34
	US	31,729	7,415	23	27,491	18,773	68	59,220	26,188	44
	Best State*			77			98			84
2006	Colorado	384	55	14	337	243	72	721	298	41
	US	30,498	7,482	25	27,348	18,911	69	57,846	26,393	46
	Best State*			81			99			85
2007	Colorado	437	36	8	352	308	88	789	344	44
	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
Colorado , U.S. and Best State

Year		Fatalities - Restrained**	Observed - Restrained***
		Percent	Percent
2003	Colorado	52	78
	US	55	79
	Best State*	74	95
2004	Colorado	58	79
	US	56	80
	Best State*	82	95
2005	Colorado	55	79
	US	55	82
	Best State*	88	95
2006	Colorado	47	80
	US	55	81
	Best State*	77	96
2007	Colorado	59	81
	US	57	82
	Best State*	81	98

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

**Percent Based Only Where Restraint Use Was Known

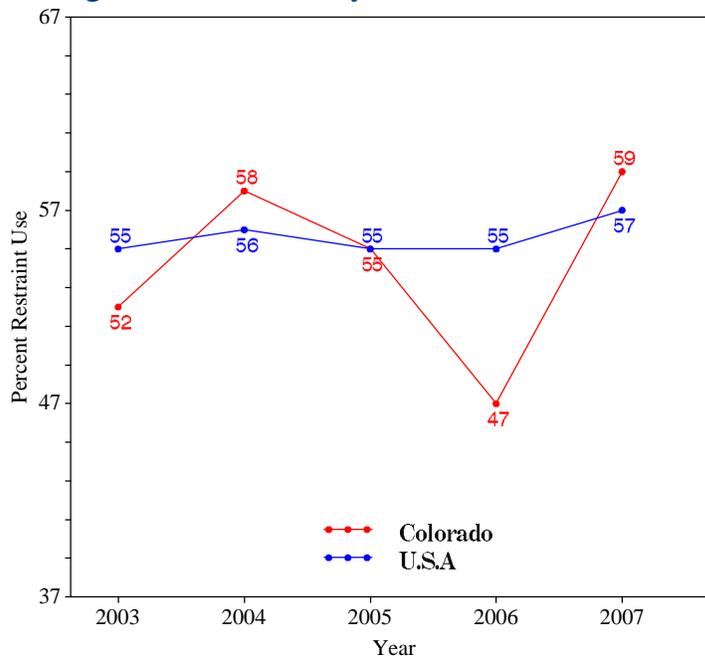
***USA Data: National Occupant Protection Use Survey. Colorado Data: State Survey

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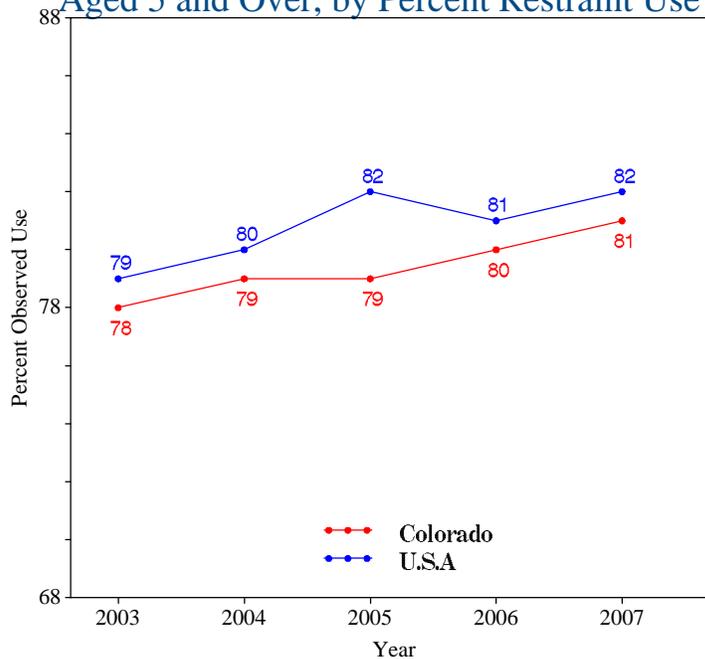
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use*



*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. Colorado 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	489	194	293	2	40	224	102
2004	480	200	272	8	42	232	96
2005	433	179	248	6	42	216	87
2006	362	134	225	3	37	168	74
2007	364	159	192	13	45	201	82

*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	8	5	3	0	63	0	2
2004	11	8	3	0	73	9	2
2005	10	9	1	0	90	10	2
2006	6	5	1	0	83	8	0
2007	3	2	1	0	67	2	

*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	70	13	57	0	19	8	21
2004	81	19	62	0	23	11	23
2005	87	4	83	0	5	2	31
2006	74	13	61	0	18	8	23
2007	90	33	57	0	37	20	21

*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	260	40	277	42	252	42	180	34	189	34
	Light Truck - Pickup	95	15	97	15	85	14	83	16	73	13
	Light Truck - Utility	103	16	95	14	89	15	79	15	84	15
	Light Truck - Van	39	6	21	3	18	3	25	5	21	4
	Light Truck - Other	0	0	2	0	0	0	1	0	0	0
	Large Truck	7	1	10	1	16	3	19	4	22	4
	Bus	1	0	0	0	0	0	0	0	0	0
	Other/Unknown Occupants	2	0	3	0	2	0	2	0	1	0
	Total Occupants	507	79	505	76	462	76	389	73	390	70
Motorcyclists	Total Motorcyclists	70	11	81	12	87	14	74	14	90	16
Nonoccupants	Pedestrian	56	9	70	10	48	8	59	11	58	10
	Bicyclist and Other Cyclist	3	0	11	2	8	1	10	2	11	2
	Other/Unknown Nonoccupants	6	1	0	0	1	0	3	1	5	1
	Total Nonoccupants	65	10	81	12	57	9	72	13	74	13
Total	Total	642	100	667	100	606	100	535	100	554	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)*	642	667	606	535	554
- (1) Single Vehicle	338	347	346	315	306
- (2) Involving a Large Truck	77	69	68	67	82
- (3) Involving Speeding	246	255	204	182	224
- (4) Involving a Rollover	260	258	256	227	225
- (5) Involving a Roadway Departure	360	388	381	297	294
- (6) Involving an Intersection (or Intersection Related)	167	162	149	119	149

(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	3	14	11	19	21	2	70
2004	4	18	14	19	22	4	81
2005	2	18	19	18	21	9	87
2006	3	13	13	25	13	7	74
2007	4	15	15	27	18	11	90

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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	70	8,013	873.6
2004	81	8,411	963.0
2005	87	117,159	74.26
2006	74	117,159	63.16
2007	90		

*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	112	135	103	87
	White Non-Hispanic	332	405	417	334
	Black, Non-Hispanic	15	13	16	18
	American Indian, Non-Hispanic/Unknown	11	7	4	8
	Asian, Non-Hispanic/Unknown	3	2	0	1
	Pacific Islander, Non-Hispanic/Unknown	0	2	0	0
	Multiple Races, Non-Hispanic/Unknown	0	1	0	0
	All Other Non-Hispanic or Race	9	9	7	12
	Unknown Race and Unknown Hispanic	95	12	2	3
	<i>Total</i>	577	586	549	463
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)					
	Hispanic	14	22	14	25
	White Non-Hispanic	31	49	35	43
	Black, Non-Hispanic	2	4	5	2
	American Indian, Non-Hispanic/Unknown	3	2	2	2
	Asian, Non-Hispanic/Unknown	0	0	0	0
	Pacific Islander, Non-Hispanic/Unknown	0	0	0	0
	Multiple Races, Non-Hispanic/Unknown	0	0	0	0
	All Other Non-Hispanic or Race	2	1	0	0
	Unknown Race and Unknown Hispanic	13	3	1	0
<i>Total</i>	65	81	57	72	
Total	642	667	606	535	

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	Weld County	54	89	46	38	47	8	13	8	7	9
2	Adams County	39	48	54	38	39	6	7	9	7	7
3	Denver County	56	60	53	35	39	9	9	9	7	7
4	El Paso County	63	58	47	31	39	10	9	8	6	7
5	Jefferson County	52	34	47	45	39	8	5	8	8	7
6	Arapahoe County	24	30	35	40	36	4	5	6	7	7
7	Mesa County	10	18	19	24	29	2	3	3	4	5
8	Larimer County	46	30	27	28	25	7	5	4	5	5
9	Pueblo County	28	27	16	15	23	4	4	3	3	4
10	La Plata County	14	17	11	12	16	2	3	2	2	3
Sub Total 1.*	Top Ten Counties	400	424	374	318	332	63	64	62	59	60
Sub Total 2.**	All Other Counties	236	239	230	217	218	37	36	38	41	40
Total	All Counties	636	663	604	535	550	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	Weld County	54	89	46	38	47	65	-48	-17	24
2	Adams County	39	48	54	38	39	23	13	-30	3
3	Denver County	56	60	53	35	39	7	-12	-34	11
4	El Paso County	63	58	47	31	39	-8	-19	-34	26
5	Jefferson County	52	34	47	45	39	-35	38	-4	-13
6	Arapahoe County	24	30	35	40	36	25	17	14	-10
7	Mesa County	10	18	19	24	29	80	6	26	21
8	Larimer County	46	30	27	28	25	-35	-10	4	-11
9	Pueblo County	28	27	16	15	23	-4	-41	-6	53
10	La Plata County	14	17	11	12	16	21	-35	9	33
Sub Total 1.*	Top Ten Counties	400	424	374	318	332	6	-12	-15	4
Sub Total 2.**	All Other Counties	236	239	230	217	218	1	-4	-6	0
Total	All Counties	636	663	604	535	550	4	-9	-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	San Juan County	351.49	0.00	354.61	175.13	357.78
2	Hinsdale County	0.00	0.00	0.00	0.00	238.66
3	Mineral County	111.98	0.00	650.05	0.00	207.90
4	Kiowa County	137.74	143.58	72.15	145.56	150.15
5	Jackson County	0.00	408.72	70.13	0.00	144.82
6	Washington County	163.23	104.38	63.38	63.83	108.06
7	Huerfano County	113.26	51.74	51.39	76.56	63.80
8	Cheyenne County	99.95	102.88	212.09	326.09	56.72
9	Clear Creek County	64.18	44.14	33.22	78.63	55.83
10	Dolores County	0.00	111.23	0.00	0.00	52.25
	Sub Rate 1.* Top Ten Counties	127.30	99.54	119.34	109.73	89.50
	Sub Rate 2.** All Other Counties	12.87	13.55	12.36	10.23	10.95
	Total Rate All Counties	14.10	14.53	13.06	11.35	11.44

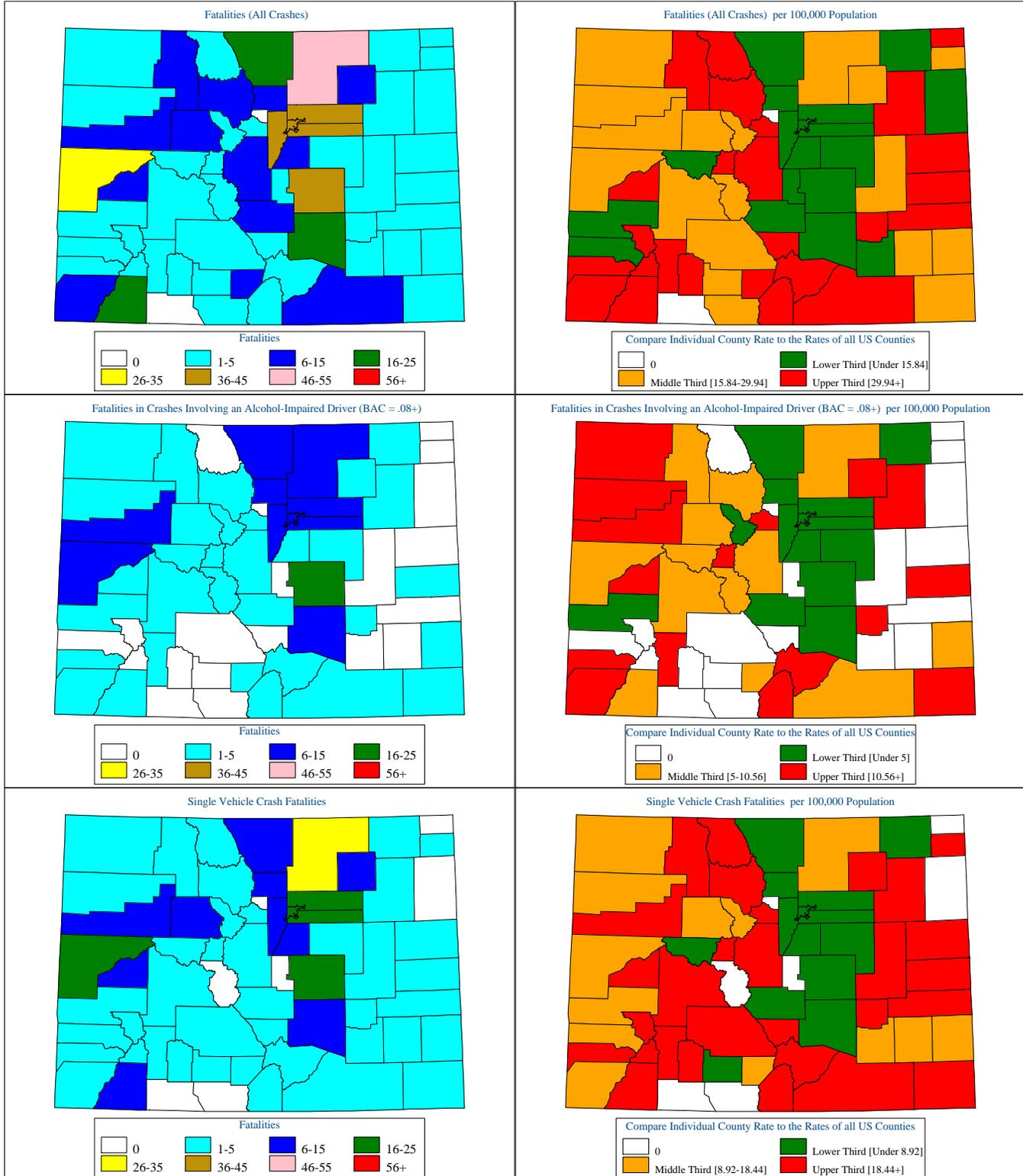
*This Sub Rate is the Rate for the Top Ten Counties

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

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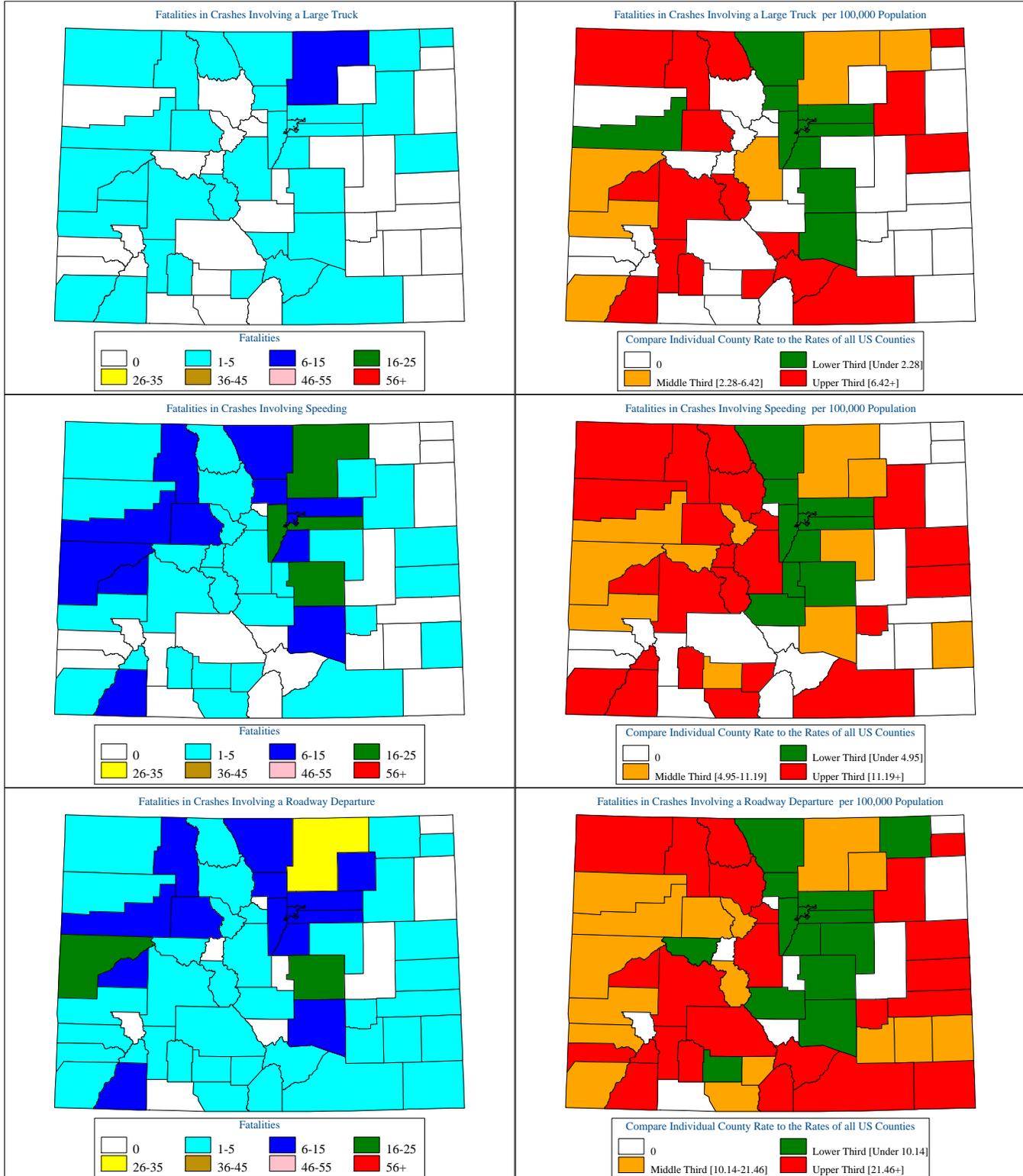
Colorado Motor Vehicle Crash Fatality Maps for 2007



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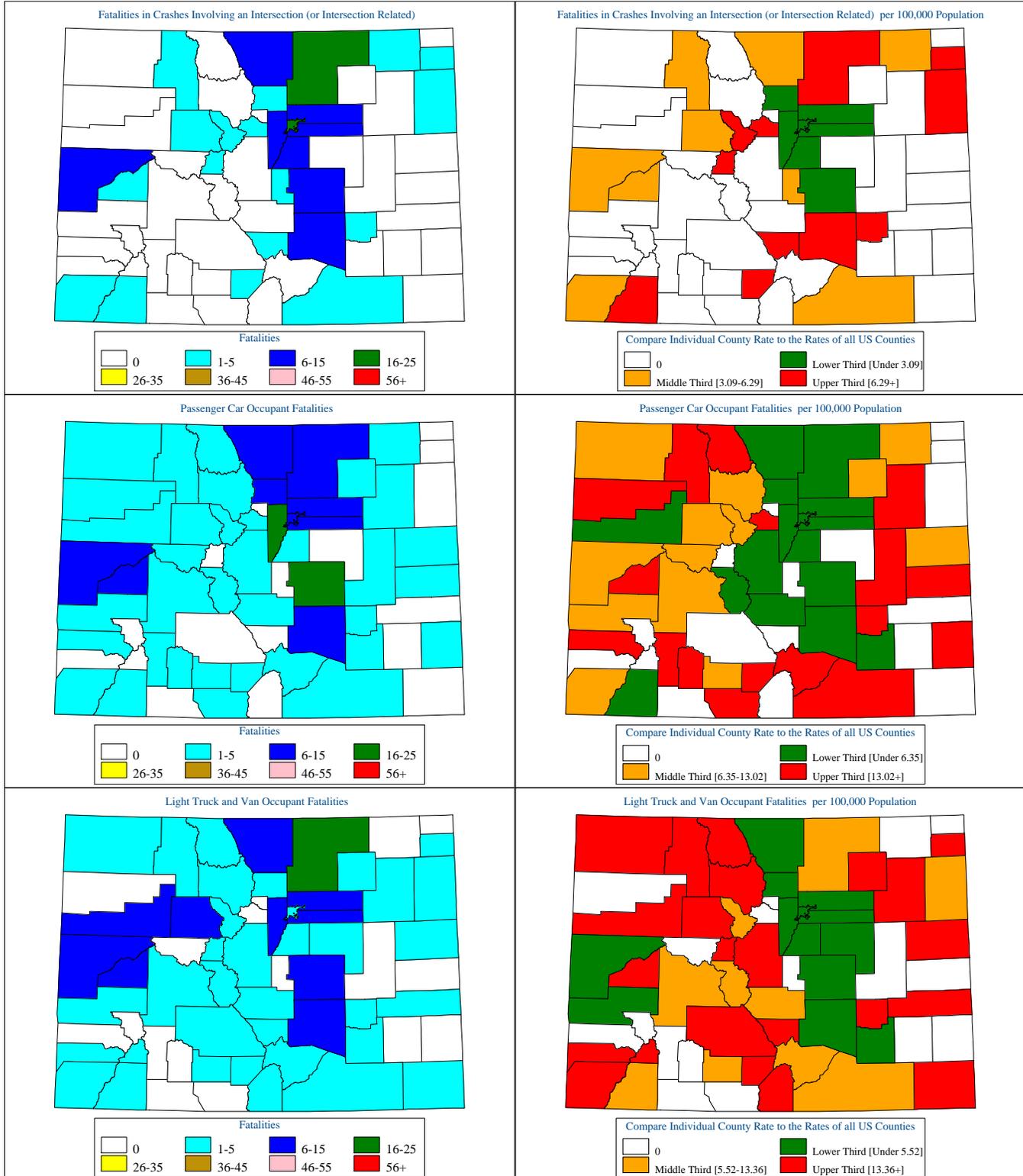
Colorado Motor Vehicle Crash Fatality Maps for 2007



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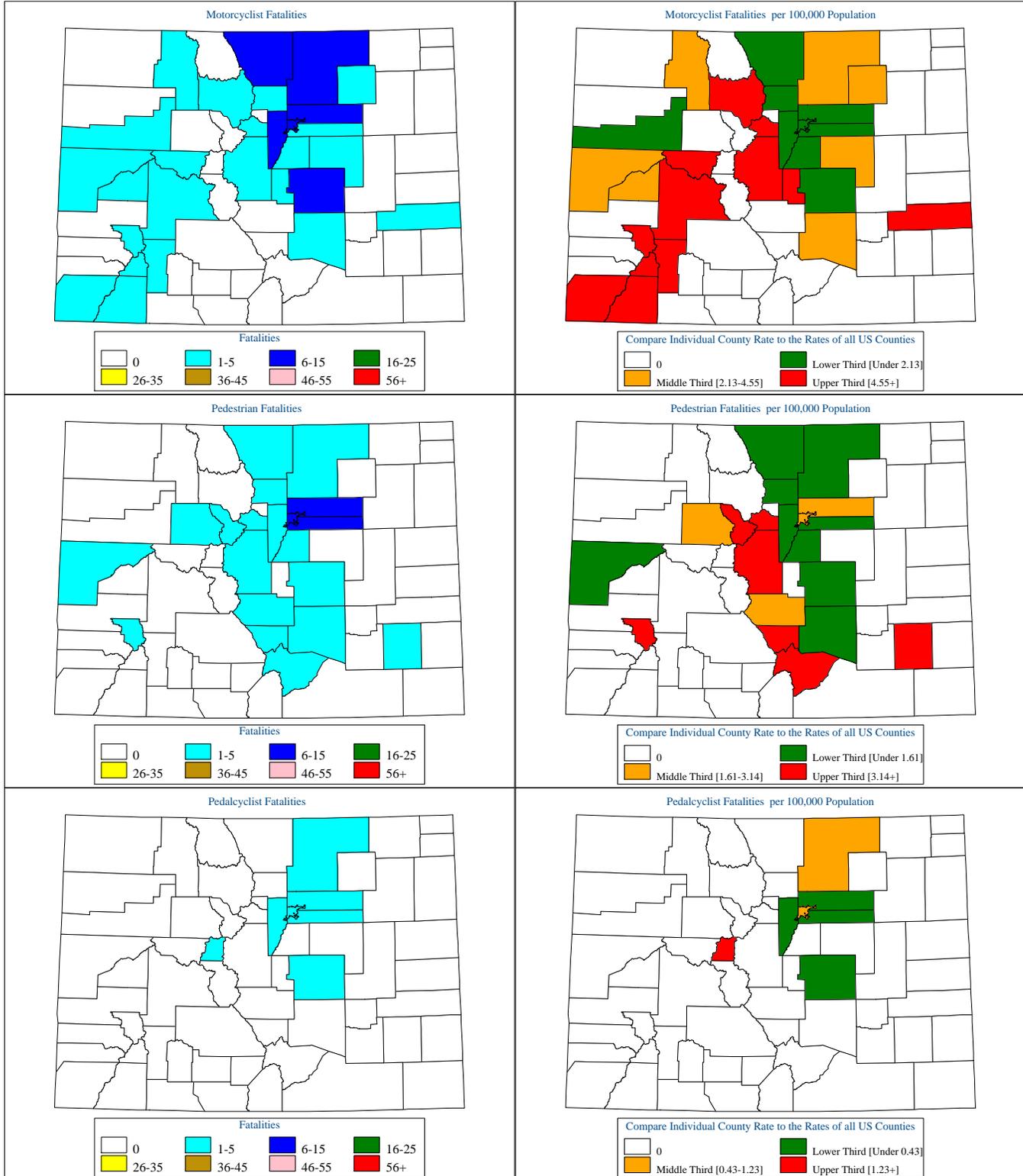
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Colorado Motor Vehicle Crash Fatality Maps for 2007



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