



Traffic Safety Facts Oklahoma 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 Oklahoma 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 Oklahoma *

Core Outcome Measures		Year				
		2003	2004	2005	2006	2007
Total Traffic Fatalities		671	774	803	765	754
Fatalities Per 100 Million Vehicle Miles Driven**	Total	1.47	1.67	1.71	1.57	
	Rural	2.17	2.50	2.58	2.53	
	Urban	0.82	0.89	0.89	0.70	
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	549	602	632	599	576
	Restrained	195	243	249	242	224
	Unrestrained	350	357	378	351	317
	Unknown	4	2	5	6	35
Alcohol-Impaired Driving Fatalities (BAC=.08+)**		212	225	232	199	219
Speeding-Related Fatalities		273	315	293	269	209
Motorcyclist Fatalities	Total	43	78	77	64	73
	Helmeted	10	17	19	16	21
	Unhelmeted	33	61	58	48	51
	Unknown	0	0	0	0	1
Drivers Involved in Fatal Crashes	Total	931	1,006	1,062	1,013	978
	Aged Under 15	0	4	4	2	4
	Aged 15-20	122	165	146	133	119
	Aged Under 21	122	169	150	135	123
	Aged 21 and Over	803	829	906	872	849
	Unknown Age	6	8	6	6	6
Pedestrian Fatalities		37	50	50	46	66

*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: Oklahoma , 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	Oklahoma	671	45,725	1.47	3,499,937	19.17
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Oklahoma	774	46,443	1.67	3,516,552	22.01
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Oklahoma	803	47,019	1.71	3,535,926	22.71
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Oklahoma	765	48,689	1.57	3,577,536	21.38
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Oklahoma	754			3,617,316	20.84
	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**:
 Oklahoma , 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	Oklahoma	671	260	39	223	33	0.49
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Oklahoma	774	282	36	247	32	0.53
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Oklahoma	803	286	36	250	31	0.53
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		12	0.14
2006	Oklahoma	765	260	34	216	28	0.44
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Oklahoma	754	258	34	235	31	
	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
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Alcohol-Impaired Driving Fatalities**:
Oklahoma , U.S. and Best State
(New Definition)

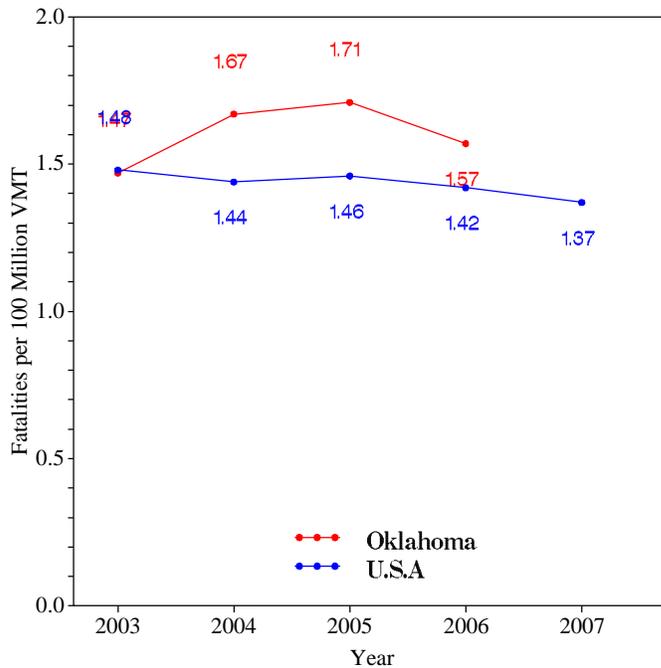
Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)		
			Number	Percent	Per 100 Million VMT
2003	Oklahoma	671	212	32	0.46
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Oklahoma	774	225	29	0.48
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Oklahoma	803	232	29	0.49
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Oklahoma	765	199	26	0.41
	US	42,708	13,491	32	0.45
	Best State*			18	0.20
2007	Oklahoma	754	219	29	
	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
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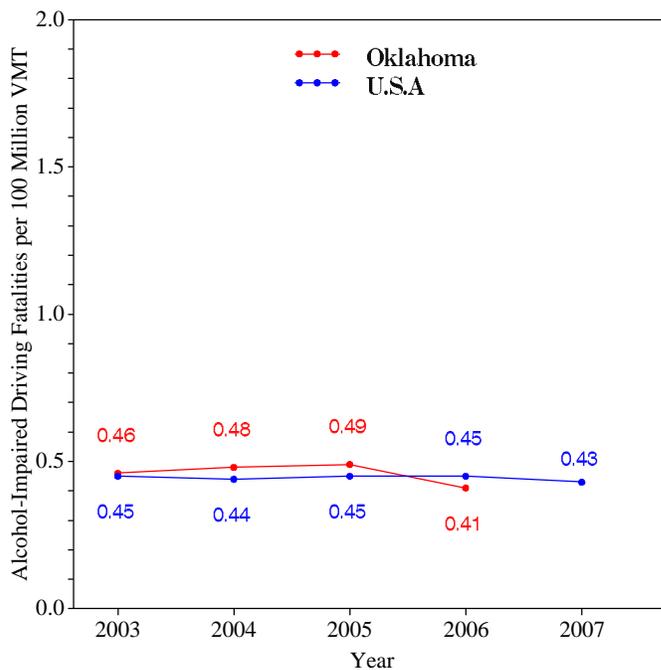


Fatalities per 100 Million VMT



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Alcohol-Impaired Driving Fatalities per 100 Million VMT



2007 National VMT is a Preliminary Estimate and Subject to Change
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**Blood Alcohol Concentration (BAC) Reporting Rates
For Drivers/Motorcycle Riders (Operators)
Involved in Fatal Crashes:
Oklahoma , 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	Oklahoma	491	72	15	440	369	84	931	441	47
	US	31,738	8,196	26	26,779	18,836	70	58,517	27,032	46
	Best State*			76			98			83
2004	Oklahoma	521	73	14	485	412	85	1,006	485	48
	US	31,524	8,215	26	26,871	18,275	68	58,395	26,490	45
	Best State*			80			97			82
2005	Oklahoma	515	90	17	547	443	81	1,062	533	50
	US	31,729	7,415	23	27,491	18,773	68	59,220	26,188	44
	Best State*			77			98			84
2006	Oklahoma	489	110	22	524	458	87	1,013	568	56
	US	30,498	7,482	25	27,348	18,911	69	57,846	26,393	46
	Best State*			81			99			85
2007	Oklahoma	488	101	21	490	431	88	978	532	54
	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 Oklahoma , U.S. and Best State

Table with 4 columns: Year, Category (Oklahoma, 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

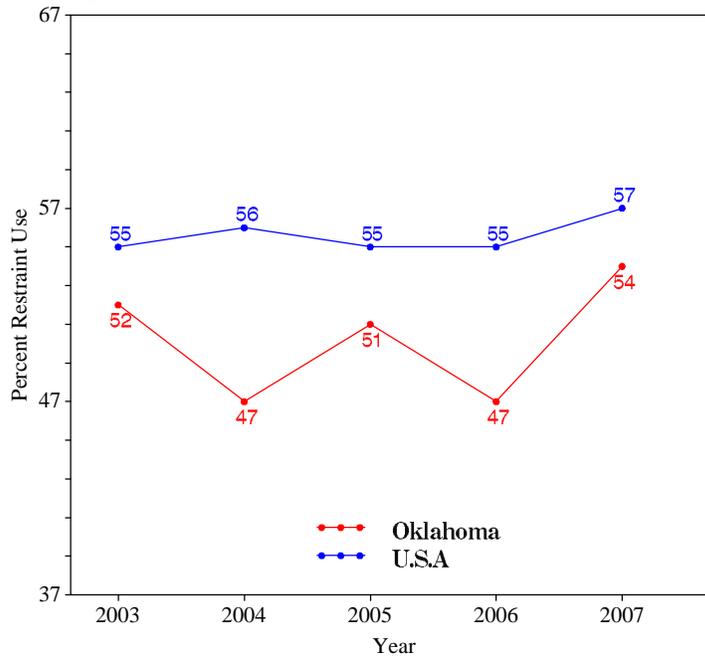
***USA Data: National Occupant Protection Use Survey. Oklahoma Data: State Survey

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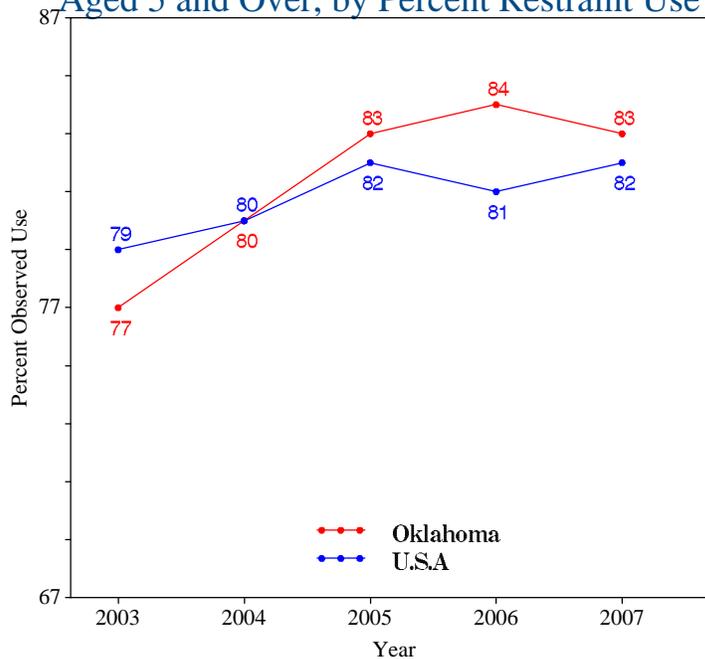
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use*



*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. Oklahoma 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	539	194	342	3	36	223	111
2004	589	236	352	1	40	267	112
2005	627	248	374	5	40	292	112
2006	583	228	349	6	40	279	108
2007	570	221	314	35	41	303	121

*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	9	1	8	0	11	0	5
2004	13	7	5	1	58	9	3
2005	5	1	4	0	20	1	2
2006	16	14	2	0	88	22	1
2007	6	3	3	0	50	5	

*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	43	10	33	0	23	6	12
2004	78	17	61	0	22	10	23
2005	77	19	58	0	25	11	22
2006	64	16	48	0	25	10	18
2007	73	21	51	1	29	13	19

*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	301	45	331	43	319	40	313	41	248	33
	Light Truck - Pickup	165	25	163	21	183	23	172	22	172	23
	Light Truck - Utility	56	8	86	11	87	11	87	11	114	15
	Light Truck - Van	27	4	18	2	42	5	26	3	42	6
	Light Truck - Other	0	0	4	1	1	0	1	0	0	0
	Large Truck	30	4	25	3	27	3	35	5	25	3
	Bus	0	0	0	0	1	0	2	0	0	0
	Other/Unknown Occupants	6	1	12	2	7	1	10	1	11	1
	Total Occupants	585	87	639	83	667	83	646	84	612	81
Motorcyclists	Total Motorcyclists	43	6	78	10	77	10	64	8	73	10
Nonoccupants	Pedestrian	37	6	50	6	50	6	46	6	66	9
	Bicyclist and Other Cyclist	3	0	6	1	7	1	6	1	3	0
	Other/Unknown Nonoccupants	3	0	1	0	2	0	3	0	0	0
	Total Nonoccupants	43	6	57	7	59	7	55	7	69	9
Total	Total	671	100	774	100	803	100	765	100	754	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)*	671	774	803	765	754
- (1) Single Vehicle	332	399	440	403	394
- (2) Involving a Large Truck	102	114	121	140	110
- (3) Involving Speeding	273	315	293	269	209
- (4) Involving a Rollover	264	291	338	285	288
- (5) Involving a Roadway Departure	433	486	575	533	507
- (6) Involving an Intersection (or Intersection Related)	134	134	145	108	111

(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	16	10	12	1	3	43
2004	3	23	14	22	12	4	78
2005	6	18	12	20	16	5	77
2006	3	14	16	16	11	4	64
2007	1	15	11	14	24	8	73

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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	43	72,705	59.14
2004	78	84,651	92.14
2005	77	82,350	93.50
2006	64	94,280	67.88
2007	73		

*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	50	39	45	58
	White Non-Hispanic	456	534	541	510
	Black, Non-Hispanic	35	37	35	20
	American Indian, Non-Hispanic/Unknown	55	71	67	78
	Asian, Non-Hispanic/Unknown	2	8	3	4
	All Other Non-Hispanic or Race	4	1	11	5
	Unknown Race and Unknown Hispanic	26	27	42	35
	Total	628	717	744	710
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)					
	Hispanic	4	11	3	5
	White Non-Hispanic	30	29	39	26
	Black, Non-Hispanic	1	6	5	5
	American Indian, Non-Hispanic/Unknown	6	8	6	11
	Asian, Non-Hispanic/Unknown	0	0	0	1
	All Other Non-Hispanic or Race	1	0	1	0
	Unknown Race and Unknown Hispanic	1	3	5	7
Total	43	57	59	55	
Total	671	774	803	765	

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	Oklahoma County	78	77	72	57	80	12	10	9	7	11
2	Tulsa County	60	72	67	64	70	9	9	8	8	9
3	Rogers County	23	17	21	33	25	3	2	3	4	3
4	Washita County	4	3	6	8	25	1	0	1	1	3
5	Comanche County	5	12	7	14	23	1	2	1	2	3
6	Caddo County	8	9	5	14	20	1	1	1	2	3
7	McClain County	6	14	13	13	20	1	2	2	2	3
8	Pittsburg County	15	22	13	19	20	2	3	2	2	3
9	Creek County	18	20	19	20	19	3	3	2	3	3
10	Cleveland County	14	27	13	22	18	2	3	2	3	2
Sub Total 1.*	Top Ten Counties	292	324	307	290	320	44	42	38	38	42
Sub Total 2.**	All Other Counties	379	450	496	475	434	56	58	62	62	58
Total	All Counties	671	774	803	765	754	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	Oklahoma County	78	77	72	57	80	-1	-6	-21	40
2	Tulsa County	60	72	67	64	70	20	-7	-4	9
3	Rogers County	23	17	21	33	25	-26	24	57	-24
4	Washita County	4	3	6	8	25	-25	100	33	213
5	Comanche County	5	12	7	14	23	140	-42	100	64
6	Caddo County	8	9	5	14	20	13	-44	180	43
7	McClain County	6	14	13	13	20	133	-7	0	54
8	Pittsburg County	15	22	13	19	20	47	-41	46	5
9	Creek County	18	20	19	20	19	11	-5	5	-5
10	Cleveland County	14	27	13	22	18	93	-52	69	-18
Sub Total 1.*	Top Ten Counties	292	324	307	290	320	11	-5	-6	10
Sub Total 2.**	All Other Counties	379	450	496	475	434	19	10	-4	-9
Total	All Counties	671	774	803	765	754	15	4	-5	-1

*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	Washita County	35.60	26.69	53.24	69.62	214.28
2	Okfuskee County	17.31	43.64	53.16	35.56	97.80
3	Love County	79.11	78.19	66.36	44.03	87.80
4	Johnston County	19.30	19.50	39.13	19.27	86.52
5	Beckham County	31.23	27.51	80.48	62.06	71.07
6	Caddo County	26.72	30.08	16.83	47.25	68.27
7	McClain County	21.00	48.21	43.45	42.21	62.80
8	Roger Mills County	126.70	0.00	61.29	214.00	60.46
9	Latimer County	47.67	38.07	85.92	28.62	57.10
10	Alfalfa County	17.20	17.36	17.63	0.00	53.64
Sub Rate 1.*	Top Ten Counties	76.88	79.65	89.01	84.33	82.70
Sub Rate 2.**	All Other Counties	17.70	20.05	20.91	19.60	18.30
Total Rate	All Counties	19.17	22.01	22.71	21.38	20.84

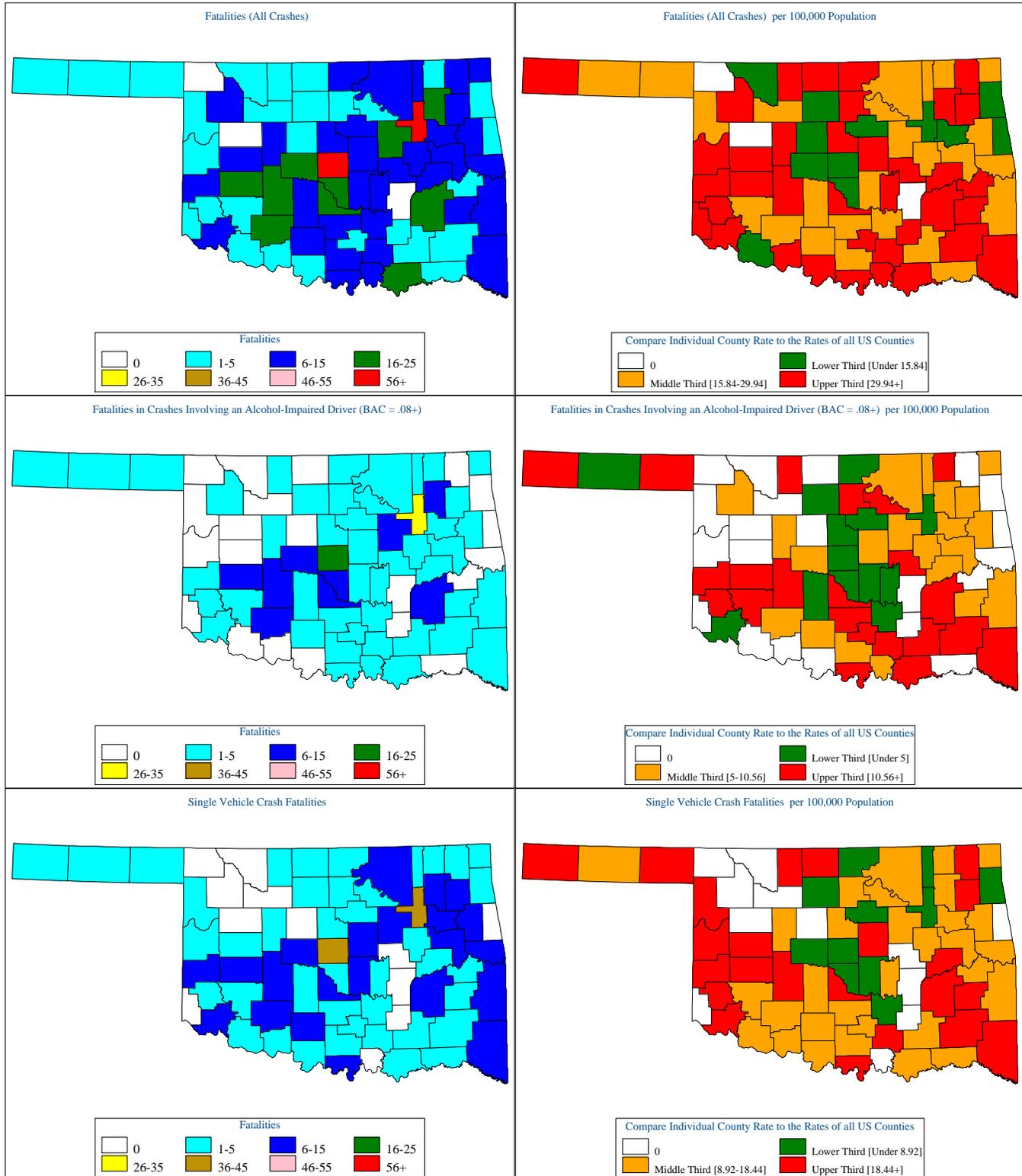
*This Sub Rate is the Rate for the Top Ten Counties

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

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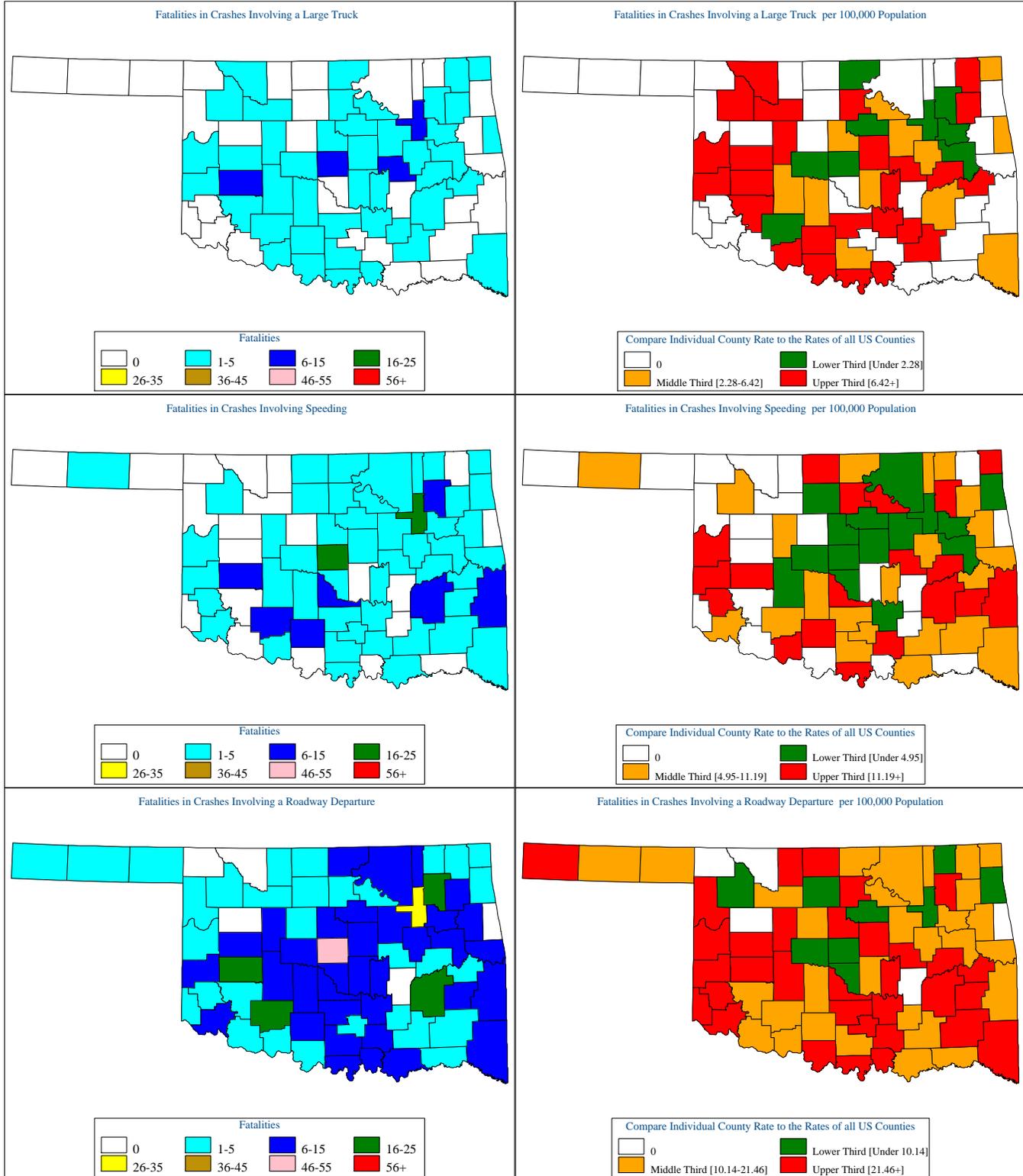
Oklahoma Motor Vehicle Crash Fatality Maps for 2007



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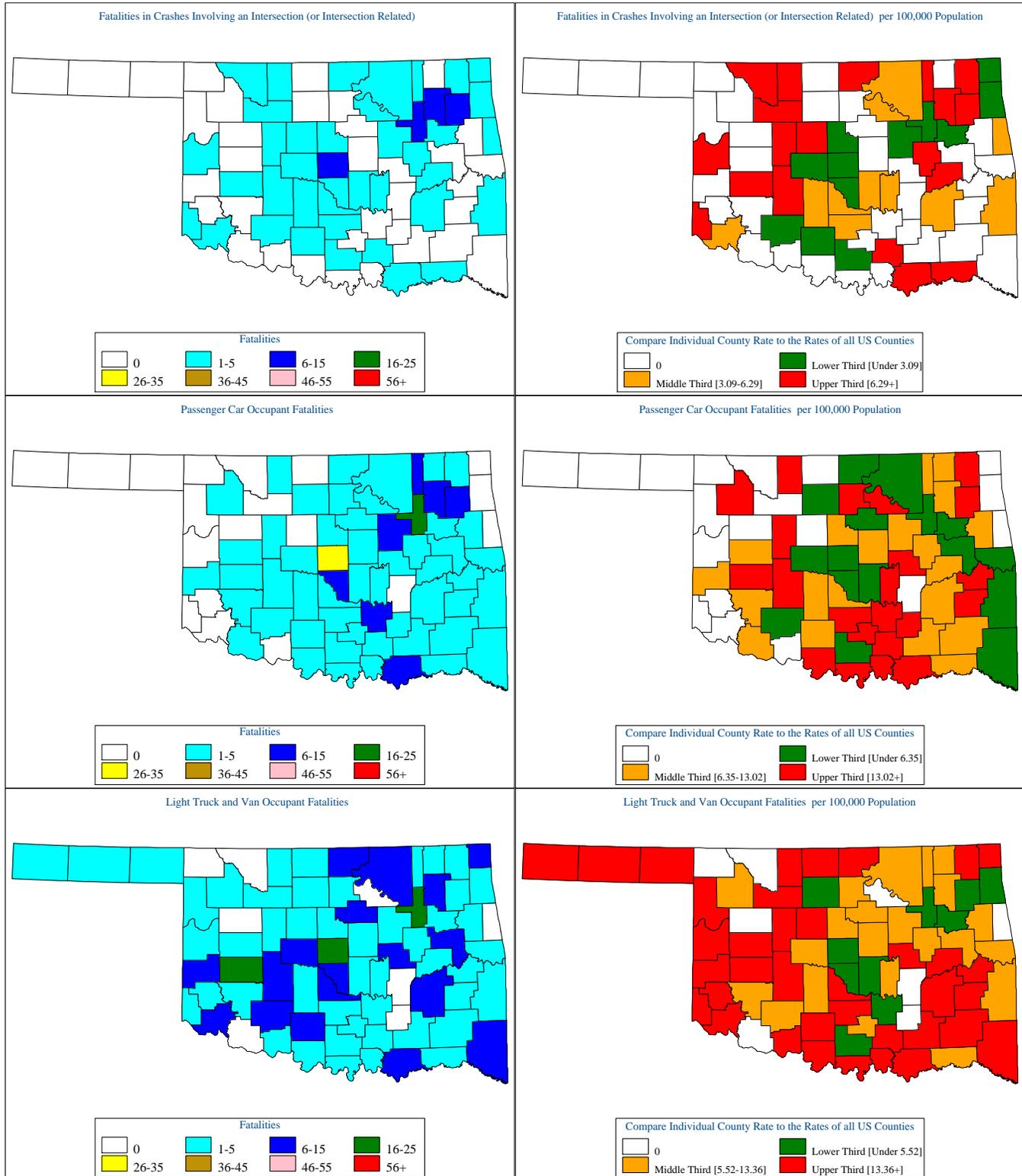
Oklahoma Motor Vehicle Crash Fatality Maps for 2007



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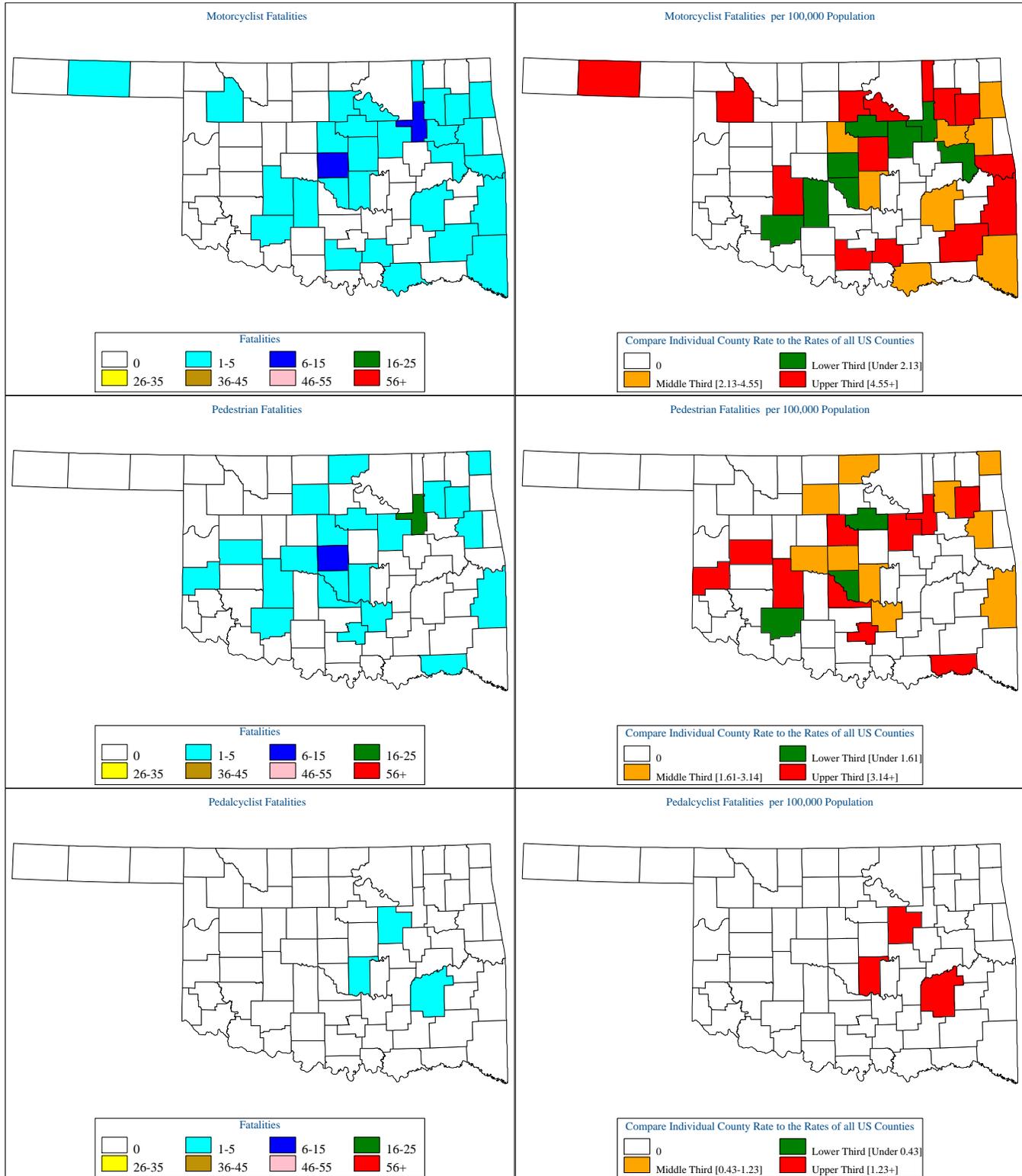
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