



Traffic Safety Facts Illinois 2004-2008



This Report Contains Data From the Following Sources:

- Fatality Data - NCSA Fatality Analysis Reporting System (FARS): 2004-2007 Final File and 2008 Annual Report File (ARF)
- Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Illinois 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 Illinois

Core Outcome Measures		Year				
		2004	2005	2006	2007	2008
Traffic Fatalities	Total	1,355	1,363	1,254	1,248	1,043
	Rural	591	579	481	501	433
	Urban	764	784	773	747	609
	Unknown	0	0	0	0	1
Fatalities Per 100 Million Vehicle Miles Driven**	Total	1.24	1.27	1.17	1.16	
	Rural	1.87	1.91	1.70	1.78	
	Urban	0.99	1.01	0.98	0.94	
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	984	969	914	861	722
	Restrained	425	428	387	364	322
	Unrestrained	468	448	456	395	339
	Unknown	91	93	71	102	61
Alcohol-Impaired Driving Fatalities (BAC=.08+)**		475	458	446	439	362
Speeding-Related Fatalities		591	528	556	523	385
Motorcyclist Fatalities	Total	157	158	132	157	133
	Helmeted	29	28	27	28	32
	Unhelmeted	119	119	103	121	96
	Unknown	9	11	2	8	5
Drivers Involved in Fatal Crashes	Total	1,893	1,938	1,729	1,709	1,434
	Aged Under 15	3	10	1	2	4
	Aged 15-20	236	239	235	252	142
	Aged Under 21	239	249	236	254	146
	Aged 21 and Over	1,612	1,652	1,451	1,415	1,255
	Unknown Age	42	37	42	40	33
Pedestrian Fatalities		156	165	139	171	135

*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)

**2008 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: Illinois , 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
2004	Illinois	1,355	109,135	1.24	12,665,718	10.70
	US	42,836	2,964,788	1.44	292,892,127	14.63
	Best State*			0.87		7.39
2005	Illinois	1,363	107,706	1.27	12,704,063	10.73
	US	43,510	2,989,430	1.46	295,560,549	14.72
	Best State*			0.80		6.85
2006	Illinois	1,254	106,869	1.17	12,759,673	9.83
	US	42,708	3,014,371	1.42	298,362,973	14.31
	Best State*			0.78		6.32
2007	Illinois	1,248	107,483	1.16	12,825,809	9.73
	US	41,259	3,029,822	1.36	301,290,332	13.69
	Best State*			0.79		6.55
2008	Illinois	1,043			12,901,563	8.08
	US	37,261	2,925,503	1.27	304,059,724	12.25
	Best State*					5.59

*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

2008 National VMT is a Preliminary Estimate and Subject to Change

2008 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**:
Illinois , 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	
2004	Illinois	1,355	613	45	524	39	0.48
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Illinois	1,363	595	44	494	36	0.46
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		12	0.14
2006	Illinois	1,254	600	48	492	39	0.46
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Illinois	1,248	566	45	487	39	0.45
	US	41,259	17,158	42	14,603	35	0.48
	Best State*			24		21	0.23
2008	Illinois	1,043	481	46	408	39	
	US	37,261	15,438	41	13,294	36	0.45
	Best State*			21		16	

*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

2008 National VMT is a Preliminary Estimate and Subject to Change

2008 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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Alcohol-Impaired Driving Fatalities**:
Illinois , 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
2004	Illinois	1,355	475	35	0.44
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Illinois	1,363	458	34	0.43
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Illinois	1,254	446	36	0.42
	US	42,708	13,491	32	0.45
	Best State*			18	0.20
2007	Illinois	1,248	439	35	0.41
	US	41,259	13,041	32	0.43
	Best State*			19	0.21
2008	Illinois	1,043	362	35	
	US	37,261	11,773	32	0.40
	Best State*			16	

*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

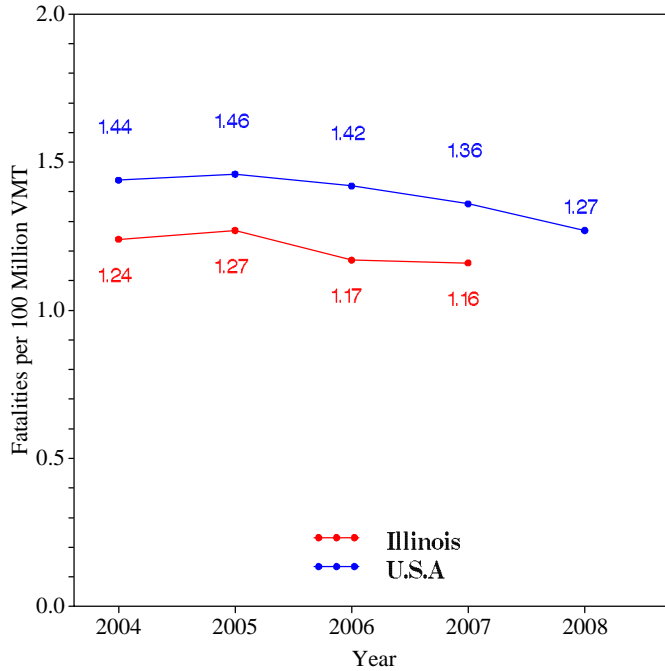
2008 National VMT is a Preliminary Estimate and Subject to Change

2008 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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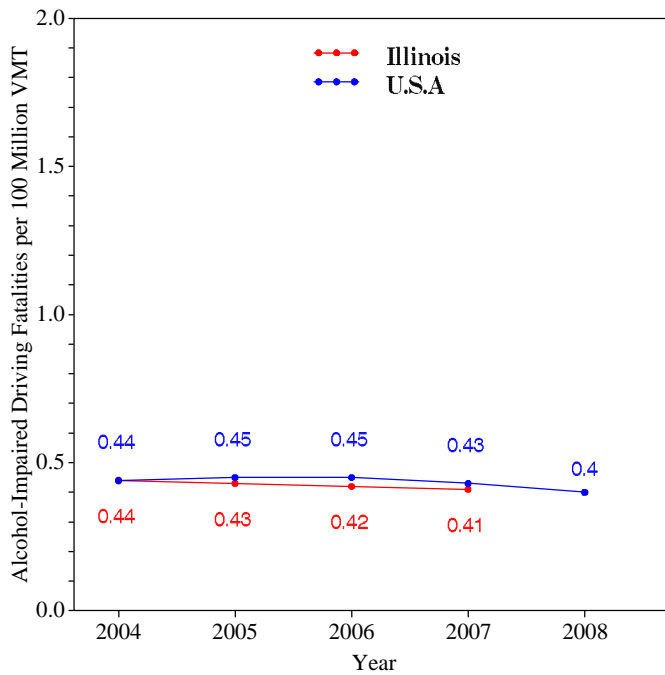


Fatalities per 100 Million VMT



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Alcohol-Impaired Driving Fatalities per 100 Million VMT



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2008 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:
Illinois , 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
2004	Illinois	1,049	228	22	844	755	89	1,893	983	52
	US	31,524	8,215	26	26,871	18,275	68	58,395	26,490	45
	Best State*			80			97			82
2005	Illinois	1,096	206	19	842	742	88	1,938	948	49
	US	31,729	7,415	23	27,491	18,773	68	59,220	26,188	44
	Best State*			77			98			84
2006	Illinois	927	243	26	802	711	89	1,729	954	55
	US	30,498	7,482	25	27,348	18,911	69	57,846	26,393	46
	Best State*			81			99			85
2007	Illinois	942	308	33	767	693	90	1,709	1,001	59
	US	29,449	7,631	26	26,570	19,434	73	56,019	27,065	48
	Best State*			82			100			84
2008	Illinois	778	205	26	656	575	88	1,434	780	54
	US	26,011	6,677	26	24,175	17,045	71	50,186	23,722	47
	Best State*			80			95			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 Illinois , U.S. and Best State

Table with 4 columns: Year, State, Fatalities - Restrained** (Percent), Observed - Restrained*** (Percent). Rows include years 2004-2008 and states Illinois, 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

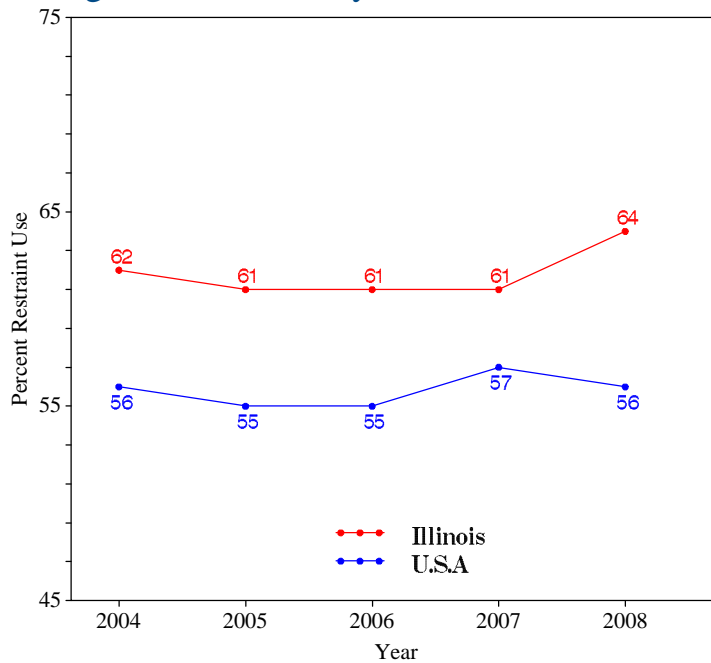
***USA Data: National Occupant Protection Use Survey. Illinois Data: State Survey

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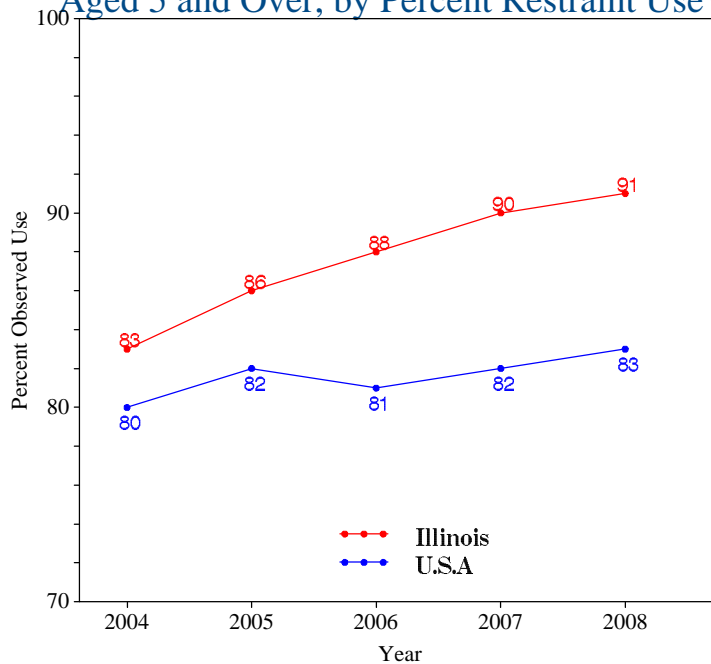
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use*



*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. Illinois Data: State Survey

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Passenger Vehicle Occupant Fatalities Age 5 and Above by Restraint Use and Lives Saved Estimates

Year	Fatalities Age 5 and Above					Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Unknown Restraint Use	Percent Known Restrained*	Lives Saved at Current Belt Use	Additional Lives Savable at 100% Belt Usage
2004	969	415	464	90	47	486	166
2005	952	415	445	92	48	514	143
2006	903	379	455	69	45	465	133
2007	849	355	393	101	47	436	105
2008	713	315	338	60	48	391	86

*Percent Based Only Where Restraint Use Was Known

**Lives Saved Estimates (Sum of columns may not equal other published numbers due to rounding)

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Passenger Vehicle Occupant Fatalities Age 4 and Under by Restraint Use and Lives Saved Estimates

Year	Fatalities Age 4 and Under					Lives Saved Estimates**
	Total	Restrained	Unrestrained	Unknown Restraint Use	Percent Known Restrained*	Lives Saved at Current Seat Belt and Child Safety Seat Usage
2004	15	10	4	1	71	17
2005	16	13	3	0	81	20
2006	11	8	1	2	89	19
2007	12	9	2	1	82	11
2008	9	7	1	1	88	12

*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 Helmeted*	Lives Saved at Current Helmet Use	Additional Lives Savable at 100% Helmet Usage
2004	157	29	119	9	20	18	47
2005	158	28	119	11	19	18	48
2006	132	27	103	2	21	17	39
2007	157	28	121	8	19	18	48
2008	133	32	96	5	25	20	37

*Percent Based Only Where Helmet Use Was Known

**Lives Saved Estimates (Sum of columns may not equal other published numbers due to rounding)

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Fatalities by Person Type

Person Type		2004		2005		2006		2007		2008	
		#	%*	#	%*	#	%*	#	%*	#	%*
Occupants	Passenger Car	654	48	640	47	584	47	568	46	445	43
	Light Truck - Pickup	119	9	114	8	119	9	126	10	120	12
	Light Truck - Utility	121	9	140	10	142	11	103	8	117	11
	Light Truck - Van	90	7	75	6	69	6	64	5	40	4
	Large Truck	21	2	29	2	24	2	17	1	11	1
	Bus	0	0	0	0	1	0	1	0	0	0
	Other/Unknown Occupants	12	1	12	1	13	1	16	1	10	1
	Total Occupants	1,017	75	1,010	74	952	76	895	72	743	71
Motorcyclists	Total Motorcyclists	157	12	158	12	132	11	157	13	133	13
Nonoccupants	Pedestrian	156	12	165	12	139	11	171	14	135	13
	Bicyclist and Other Cyclist	25	2	21	2	24	2	18	1	27	3
	Other/Unknown Nonoccupants	0	0	9	1	7	1	7	1	5	0
	Total Nonoccupants	181	13	195	14	170	14	196	16	167	16
Total	Total	1,355	100	1,363	100	1,254	100	1,248	100	1,043	100

*Sum of Percents May Not = 100 Due to Individual Cell Rounding

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Fatalities by Crash Type

Crash Type	2004	2005	2006	2007	2008
Total Fatalities (All Crashes)*	1,355	1,363	1,254	1,248	1,043
- (1) Single Vehicle	717	726	710	721	604
- (2) Involving a Large Truck	158	191	159	154	144
- (3) Involving Speeding	591	528	556	523	385
- (4) Involving a Rollover	330	364	311	290	244
- (5) Involving a Roadway Departure	668	666	654	630	423
- (6) Involving an Intersection (or Intersection Related)	340	379	288	330	268

(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	
2004	5	46	33	41	26	6	157
2005	4	44	41	32	20	17	158
2006	3	31	33	27	23	15	132
2007	6	33	38	41	24	15	157
2008	4	28	32	33	23	13	133

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Motorcyclist Fatalities Per 100,000 Registered Motorcycles

Year	Motorcyclist Fatalities	Total Motorcycle Registrations*	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2004	157	276,122	56.86
2005	158	291,089	54.28
2006	132	293,052	45.04
2007	157	308,032	50.97
2008	133		

*Data Source: FHWA

*2008 Motorcycle Registrations are Not Yet Available

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Fatalities by Person Type and Race/Hispanic Origin

Person Type by Race/Hispanic Origin		2004	2005	2006	2007
Occupants (All Vehicle Types)	Hispanic	104	123	99	92
	White Non-Hispanic	889	887	812	749
	Black, Non-Hispanic	154	129	141	143
	American Indian, Non-Hispanic/Unknown	1	1	3	0
	Asian, Non-Hispanic/Unknown	6	4	2	6
	Pacific Islander, Non-Hispanic/Unknown	0	1	0	1
	Multiple Races, Non-Hispanic/Unknown	0	0	1	0
	All Other Non-Hispanic or Race	3	12	21	10
	Unknown Race and Unknown Hispanic	17	11	5	51
	Total	1,174	1,168	1,084	1,052
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)					
	Hispanic	27	28	31	35
	White Non-Hispanic	104	108	101	102
	Black, Non-Hispanic	43	50	34	44
	American Indian, Non-Hispanic/Unknown	0	0	0	0
	Asian, Non-Hispanic/Unknown	1	1	1	2
	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	4	1	1
	Unknown Race and Unknown Hispanic	4	4	2	12
Total	181	195	170	196	
Total	1,355	1,363	1,254	1,248	

2008 Race/Hispanic Origin Data is Not Yet Complete

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5 Year Trend For The Top 10 Counties of 2008 - Fatalities

Counties by 2008 Ranking		Fatalities					Percent of Total				
		2004	2005	2006	2007	2008	2004	2005	2006	2007	2008
1	Cook County	351	379	362	348	274	26	28	29	28	26
2	Will County	60	52	66	43	44	4	4	5	3	4
3	Kane County	40	35	56	35	40	3	3	4	3	4
4	Madison County	45	43	31	33	36	3	3	2	3	3
5	St. Clair County	48	33	51	45	31	4	2	4	4	3
6	La Salle County	29	21	23	32	27	2	2	2	3	3
7	Lake County	43	60	38	36	26	3	4	3	3	2
8	Dupage County	52	56	36	37	24	4	4	3	3	2
9	Champaign County	24	18	16	19	23	2	1	1	2	2
10	Dekalb County	12	15	8	16	20	1	1	1	1	2
Sub Total 1.*	Top Ten Counties	736	751	722	669	545	54	55	58	54	52
Sub Total 2.**	All Other Counties	619	612	532	579	498	46	45	42	46	48
Total	All Counties	1,355	1,363	1,254	1,248	1,043	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 2008 - Fatalities Year to Year Percent Change

Counties by 2008 Ranking		Fatalities					Percent Change From Previous Year			
		2004	2005	2006	2007	2008	2005	2006	2007	2008
1	Cook County	351	379	362	348	274	8	-4	-4	-21
2	Will County	60	52	66	43	44	-13	27	-35	2
3	Kane County	40	35	56	35	40	-13	60	-38	14
4	Madison County	45	43	31	33	36	-4	-28	6	9
5	St. Clair County	48	33	51	45	31	-31	55	-12	-31
6	La Salle County	29	21	23	32	27	-28	10	39	-16
7	Lake County	43	60	38	36	26	40	-37	-5	-28
8	Dupage County	52	56	36	37	24	8	-36	3	-35
9	Champaign County	24	18	16	19	23	-25	-11	19	21
10	Dekalb County	12	15	8	16	20	25	-47	100	25
Sub Total 1.*		736	751	722	669	545	2	-4	-7	-19
Sub Total 2.**		619	612	532	579	498	-1	-13	9	-14
Total		1,355	1,363	1,254	1,248	1,043	1	-8	-0	-16

*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 2008 - Fatality Rates

Median Rate for all U.S. Counties: 19.59

Counties by 2008 Ranking		Fatalities Per 100,000 Population				
		2004	2005	2006	2007	2008
1	Cumberland County	82.55	27.65	27.56	55.42	92.20
2	Hancock County	5.20	21.00	10.56	26.53	58.85
3	Henderson County	25.26	51.39	91.92	26.45	53.50
4	Stark County	0.00	32.80	16.30	0.00	48.90
5	Massac County	45.93	98.55	13.26	26.53	39.81
6	Scott County	0.00	0.00	19.05	0.00	38.60
7	Alexander County	44.74	11.58	47.55	60.61	36.80
8	Putnam County	49.83	0.00	50.68	16.65	33.32
9	Bond County	32.87	22.06	22.08	5.45	32.87
10	Richland County	6.27	25.24	19.12	19.18	32.19
	Sub Rate 1.* <i>Top Ten Counties</i>	54.07	59.67	56.95	45.54	46.70
	Sub Rate 2.** <i>All Other Counties</i>	10.15	10.23	9.49	9.27	7.75
	Total Rate <i>All Counties</i>	10.70	10.73	9.83	9.73	8.08

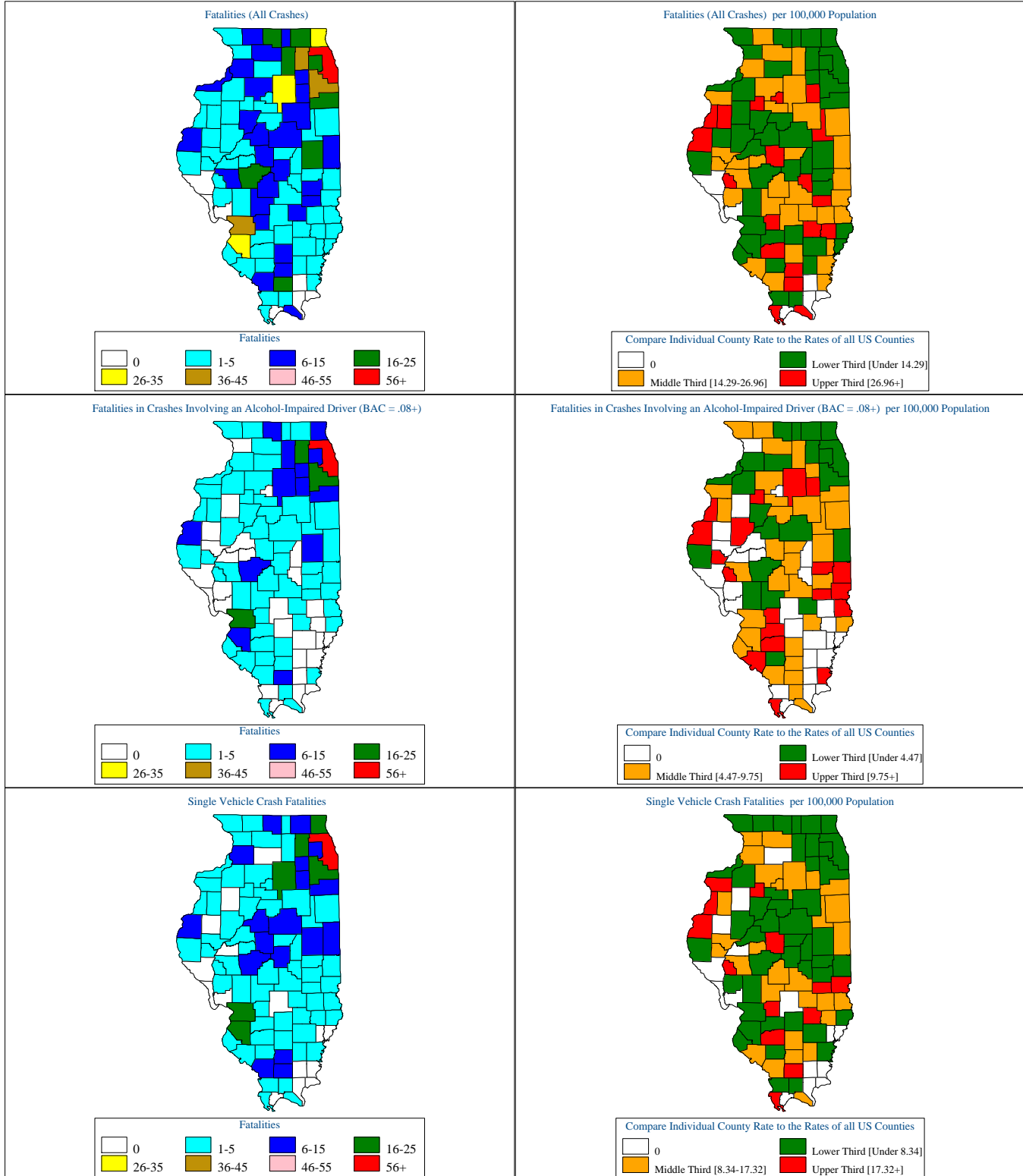
*This Sub Rate is the Rate for the Top Ten Counties

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

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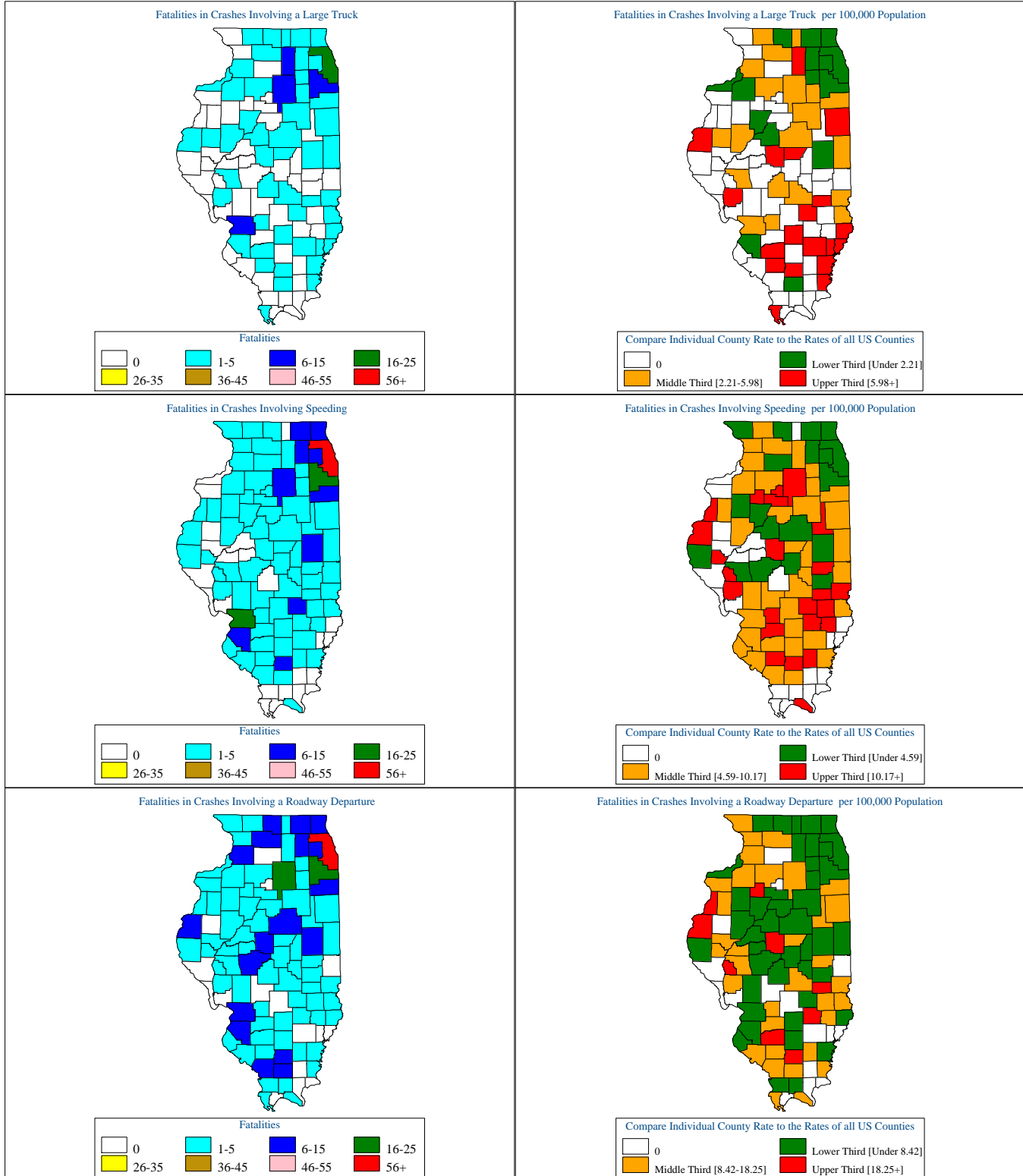
Illinois Motor Vehicle Crash Fatality Maps for 2008



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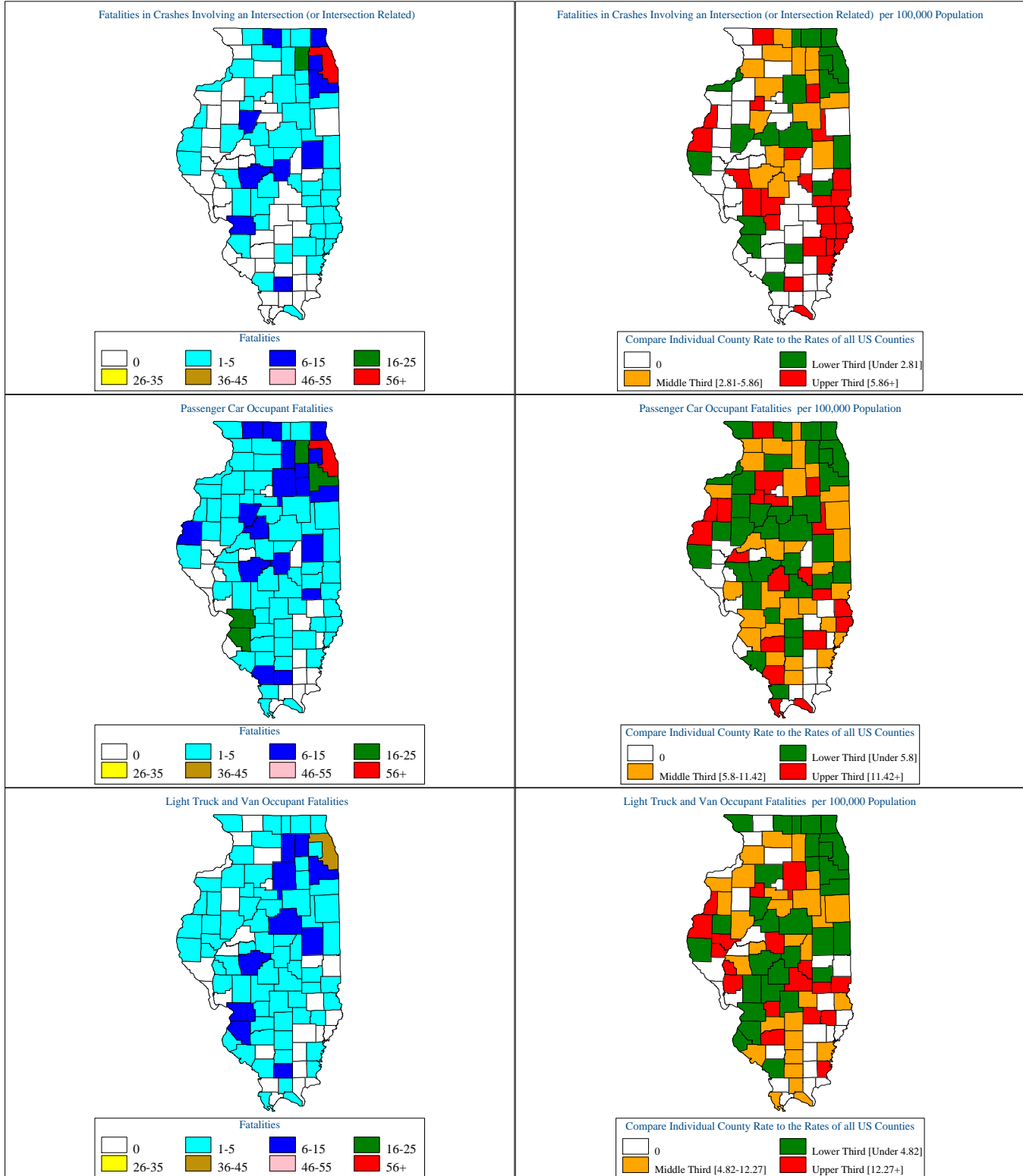
Illinois Motor Vehicle Crash Fatality Maps for 2008



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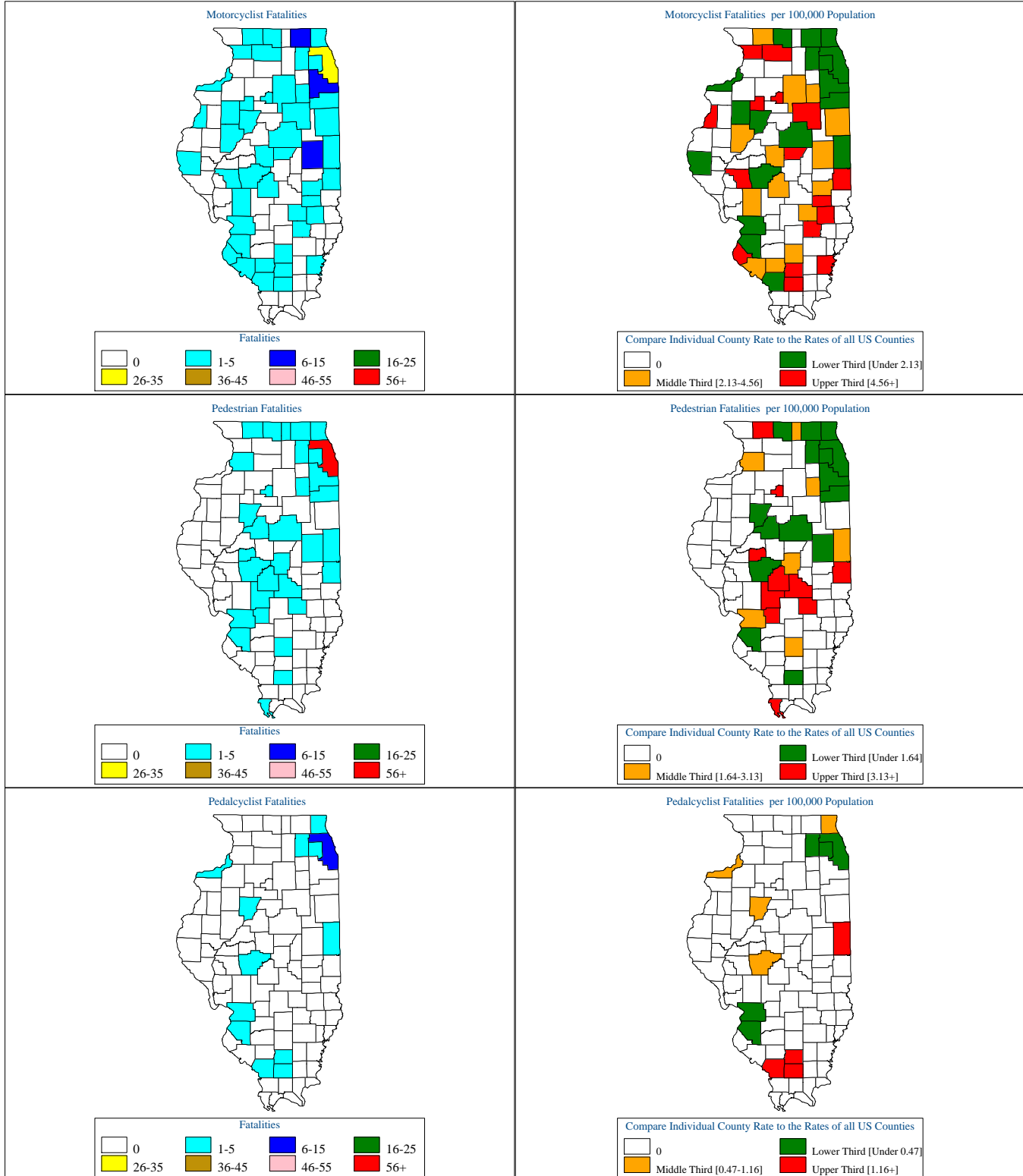
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