



Traffic Safety Facts Illinois 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 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				
		2003	2004	2005	2006	2007
Total Traffic Fatalities		1,454	1,355	1,363	1,254	1,249
Fatalities Per 100 Million Vehicle Miles Driven**	Total	1.36	1.24	1.27	1.17	
	Rural	2.07	1.87	1.91	1.70	
	Urban	1.06	0.99	1.01	0.98	
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	1,063	984	969	914	862
	Restrained	373	425	428	387	364
	Unrestrained	509	468	448	456	395
	Unknown	181	91	93	71	103
Alcohol-Impaired Driving Fatalities (BAC=.08+)**		489	475	458	446	434
Speeding-Related Fatalities		567	591	528	556	523
Motorcyclist Fatalities	Total	143	157	158	132	157
	Helmeted	18	29	28	27	28
	Unhelmeted	110	119	119	103	121
	Unknown	15	9	11	2	8
Drivers Involved in Fatal Crashes	Total	2,002	1,893	1,938	1,729	1,710
	Aged Under 15	1	3	10	1	2
	Aged 15-20	304	236	239	235	251
	Aged Under 21	305	239	249	236	253
	Aged 21 and Over	1,651	1,612	1,652	1,451	1,418
	Unknown Age	46	42	37	42	39
Pedestrian Fatalities		189	156	165	139	171

*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: 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
2003	Illinois	1,454	106,536	1.36	12,625,246	11.52
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Illinois	1,355	109,135	1.24	12,680,053	10.69
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Illinois	1,363	107,706	1.27	12,719,550	10.72
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Illinois	1,254	106,869	1.17	12,777,042	9.81
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Illinois	1,249			12,852,548	9.72
	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**:
 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	
2003	Illinois	1,454	637	44	540	37	0.51
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
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	1,249	561	45	482	39	
	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**:
Illinois , U.S. and Best State
(New Definition)

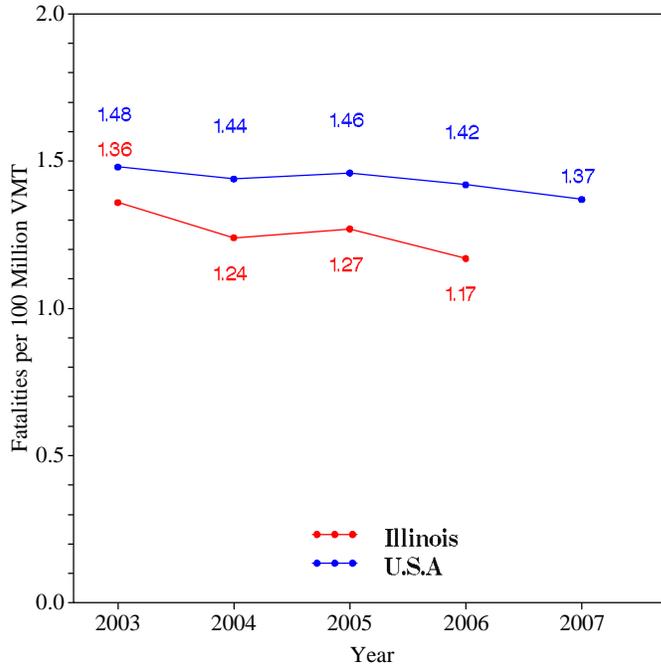
Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)		
			Number	Percent	Per 100 Million VMT
2003	Illinois	1,454	489	34	0.46
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Illinois	1,355	475	35	0.44
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Illinois	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	1,249	434	35	
	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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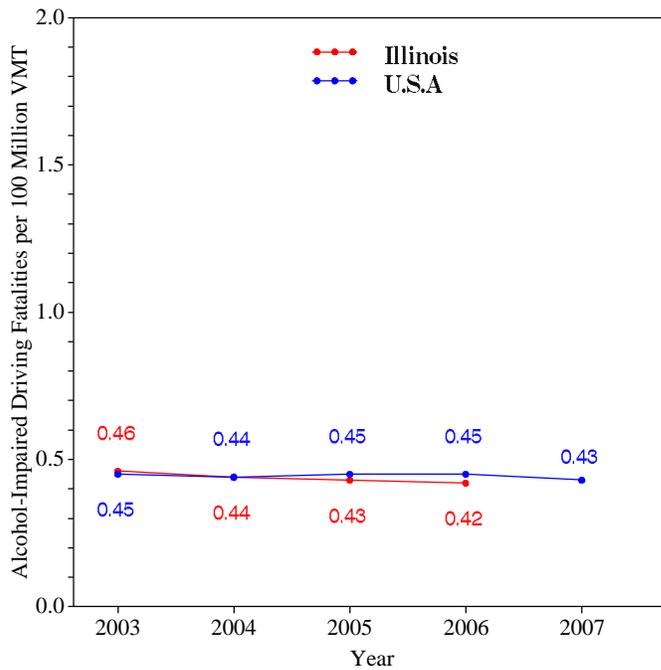


Fatalities per 100 Million VMT



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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:
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
2003	Illinois	1,114	219	20	888	787	89	2,002	1,006	50
	US	31,738	8,196	26	26,779	18,836	70	58,517	27,032	46
	Best State*			76			98			83
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	941	292	31	769	694	90	1,710	986	58
	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
Illinois , U.S. and Best State

Year		Fatalities - Restrained**	Observed - Restrained***
		Percent	Percent
2003	Illinois	56	80
	US	55	79
	Best State*	74	95
2004	Illinois	62	83
	US	56	80
	Best State*	82	95
2005	Illinois	61	86
	US	55	82
	Best State*	88	95
2006	Illinois	61	88
	US	55	81
	Best State*	77	96
2007	Illinois	61	90
	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

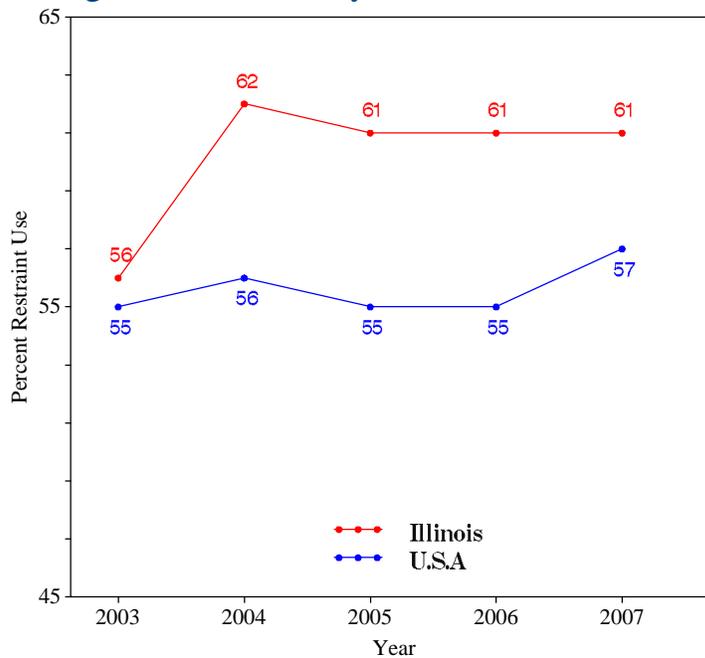
***USA Data: National Occupant Protection Use Survey. Illinois Data: State Survey

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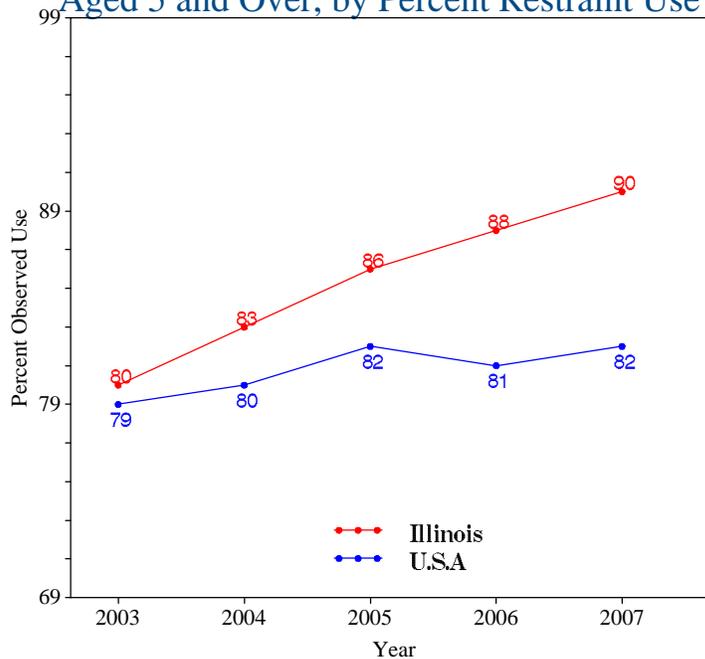
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use*



*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 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	1,052	366	506	180	42	463	182
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	850	355	393	102	47	436	105

*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	11	7	3	1	70	0	2
2004	15	10	4	1	71	17	3
2005	16	13	3	0	81	20	1
2006	11	8	1	2	89	19	1
2007	12	9	2	1	82	11	

*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	143	18	110	15	14	12	46
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

*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	726	50	654	48	640	47	584	47	568	45
	Light Truck - Pickup	138	9	119	9	114	8	119	9	126	10
	Light Truck - Utility	111	8	121	9	140	10	142	11	104	8
	Light Truck - Van	88	6	90	7	75	6	69	6	64	5
	Large Truck	19	1	21	2	29	2	24	2	17	1
	Bus	9	1	0	0	0	0	1	0	1	0
	Other/Unknown Occupants	11	1	12	1	12	1	13	1	17	1
	Total Occupants	1,102	76	1,017	75	1,010	74	952	76	897	72
Motorcyclists	Total Motorcyclists	143	10	157	12	158	12	132	11	157	13
Nonoccupants	Pedestrian	189	13	156	12	165	12	139	11	171	14
	Bicyclist and Other Cyclist	17	1	25	2	21	2	24	2	18	1
	Other/Unknown Nonoccupants	3	0	0	0	9	1	7	1	6	0
	Total Nonoccupants	209	14	181	13	195	14	170	14	195	16
Total	Total	1,454	100	1,355	100	1,363	100	1,254	100	1,249	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)*	1,454	1,355	1,363	1,254	1,249
- (1) Single Vehicle	780	717	726	710	722
- (2) Involving a Large Truck	194	158	191	159	154
- (3) Involving Speeding	567	591	528	556	523
- (4) Involving a Rollover	349	330	364	311	291
- (5) Involving a Roadway Departure	770	781	806	763	718
- (6) Involving an Intersection (or Intersection Related)	418	340	379	288	330

(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	5	44	39	32	14	9	143
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

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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	143	261,038	54.78
2004	157	276,122	56.86
2005	158	291,089	54.28
2006	132	293,052	45.04
2007	157		

*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	131	104	123	99
	White Non-Hispanic	939	889	887	812
	Black, Non-Hispanic	146	154	129	141
	American Indian, Non-Hispanic/Unknown	3	1	1	3
	Asian, Non-Hispanic/Unknown	8	6	4	2
	Pacific Islander, Non-Hispanic/Unknown	0	0	1	0
	Multiple Races, Non-Hispanic/Unknown	0	0	0	1
	All Other Non-Hispanic or Race	9	3	12	21
	Unknown Race and Unknown Hispanic	9	17	11	5
	Total	1,245	1,174	1,168	1,084
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)					
	Hispanic	37	27	28	31
	White Non-Hispanic	117	104	108	101
	Black, Non-Hispanic	45	43	50	34
	American Indian, Non-Hispanic/Unknown	0	0	0	0
	Asian, Non-Hispanic/Unknown	1	1	1	1
	Pacific Islander, Non-Hispanic/Unknown	0	0	0	0
	Multiple Races, Non-Hispanic/Unknown	0	0	0	0
	All Other Non-Hispanic or Race	5	2	4	1
	Unknown Race and Unknown Hispanic	4	4	4	2
Total	209	181	195	170	
Total	1,454	1,355	1,363	1,254	

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	Cook County	406	351	379	362	348	28	26	28	29	28
2	St. Clair County	47	48	33	51	45	3	4	2	4	4
3	Will County	79	60	52	66	43	5	4	4	5	3
4	DuPage County	52	52	56	36	37	4	4	4	3	3
5	Lake County	41	43	60	38	36	3	3	4	3	3
6	Kane County	45	40	35	56	35	3	3	3	4	3
7	Madison County	42	45	43	31	33	3	3	3	2	3
8	La Salle County	27	29	21	23	32	2	2	2	2	3
9	McHenry County	40	28	30	32	30	3	2	2	3	2
10	Winnebago County	35	24	39	27	30	2	2	3	2	2
Sub Total 1.*	Top Ten Counties	814	736	751	722	669	56	54	55	58	54
Sub Total 2.**	All Other Counties	640	619	612	532	580	44	46	45	42	46
Total	All Counties	1,454	1,355	1,363	1,254	1,249	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	Cook County	406	351	379	362	348	-14	8	-4	-4
2	St. Clair County	47	48	33	51	45	2	-31	55	-12
3	Will County	79	60	52	66	43	-24	-13	27	-35
4	DuPage County	52	52	56	36	37	0	8	-36	3
5	Lake County	41	43	60	38	36	5	40	-37	-5
6	Kane County	45	40	35	56	35	-11	-13	60	-38
7	Madison County	42	45	43	31	33	7	-4	-28	6
8	La Salle County	27	29	21	23	32	7	-28	10	39
9	McHenry County	40	28	30	32	30	-30	7	7	-6
10	Winnebago County	35	24	39	27	30	-31	63	-31	11
Sub Total 1.*										
	Top Ten Counties	814	736	751	722	669	-10	2	-4	-7
Sub Total 2.**										
	All Other Counties	640	619	612	532	580	-3	-1	-13	9
Total										
	All Counties	1,454	1,355	1,363	1,254	1,249	-7	1	-8	-0

*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	Alexander County	43.29	43.84	11.34	46.45	59.12
2	Cumberland County	9.15	82.47	27.62	27.54	55.34
3	Gallatin County	16.23	0.00	49.29	32.78	49.79
4	Jersey County	18.22	40.67	22.52	22.37	48.99
5	Pope County	0.00	46.59	71.91	47.94	47.82
6	Livingston County	43.63	51.51	36.20	20.86	47.05
7	Hardin County	42.43	0.00	21.67	154.70	44.76
8	Wayne County	5.95	23.97	30.00	30.31	42.25
9	Jo Daviess County	17.80	8.95	31.37	17.84	40.35
10	Logan County	9.81	9.81	19.75	16.58	36.71
Sub Rate 1.* <i>Top Ten Counties</i>		47.20	53.84	59.41	57.91	45.25
Sub Rate 2.** <i>All Other Counties</i>		10.98	10.14	10.22	9.49	9.26
Total Rate <i>All Counties</i>		11.52	10.69	10.72	9.81	9.72

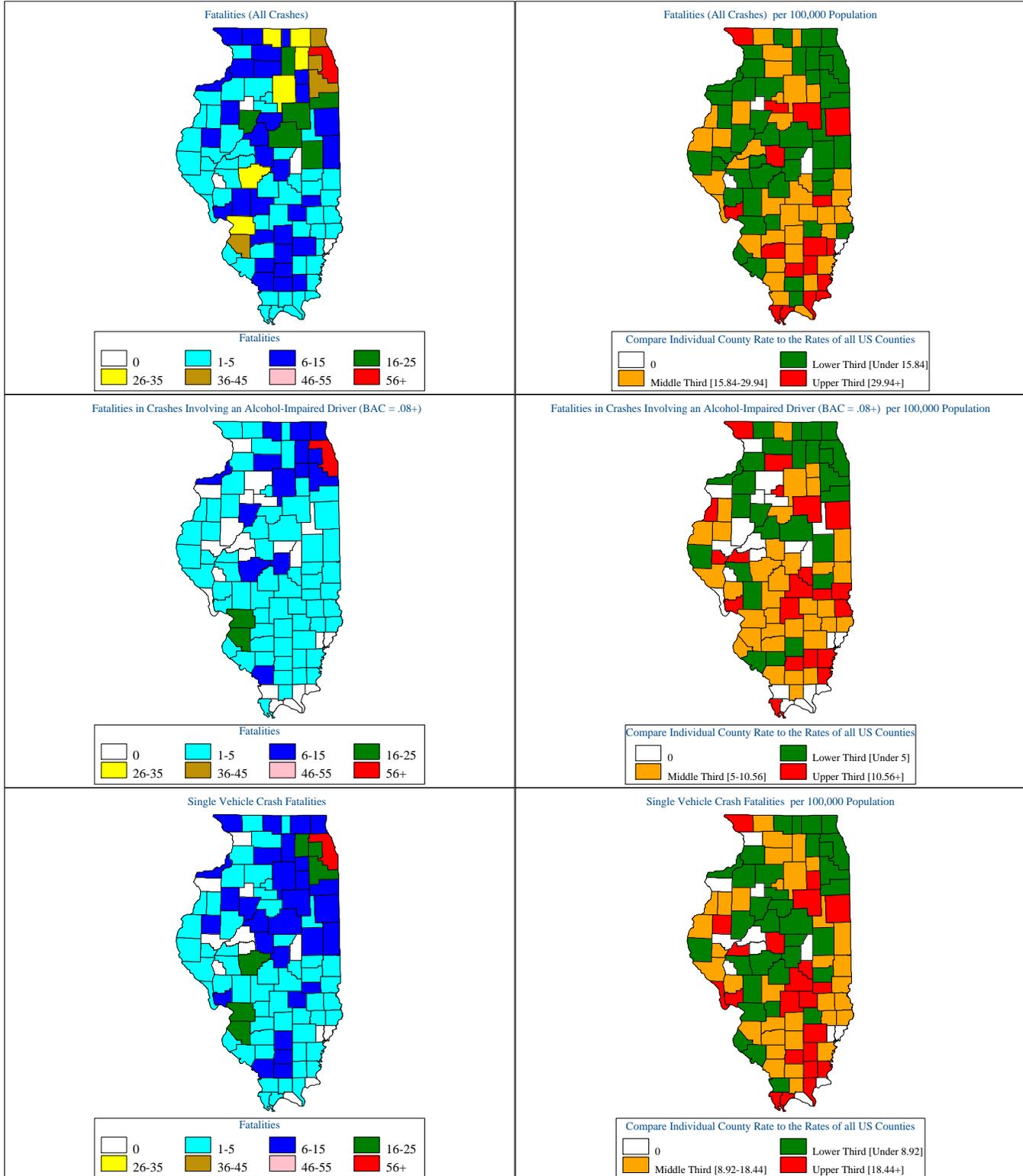
*This Sub Rate is the Rate for the Top Ten Counties

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

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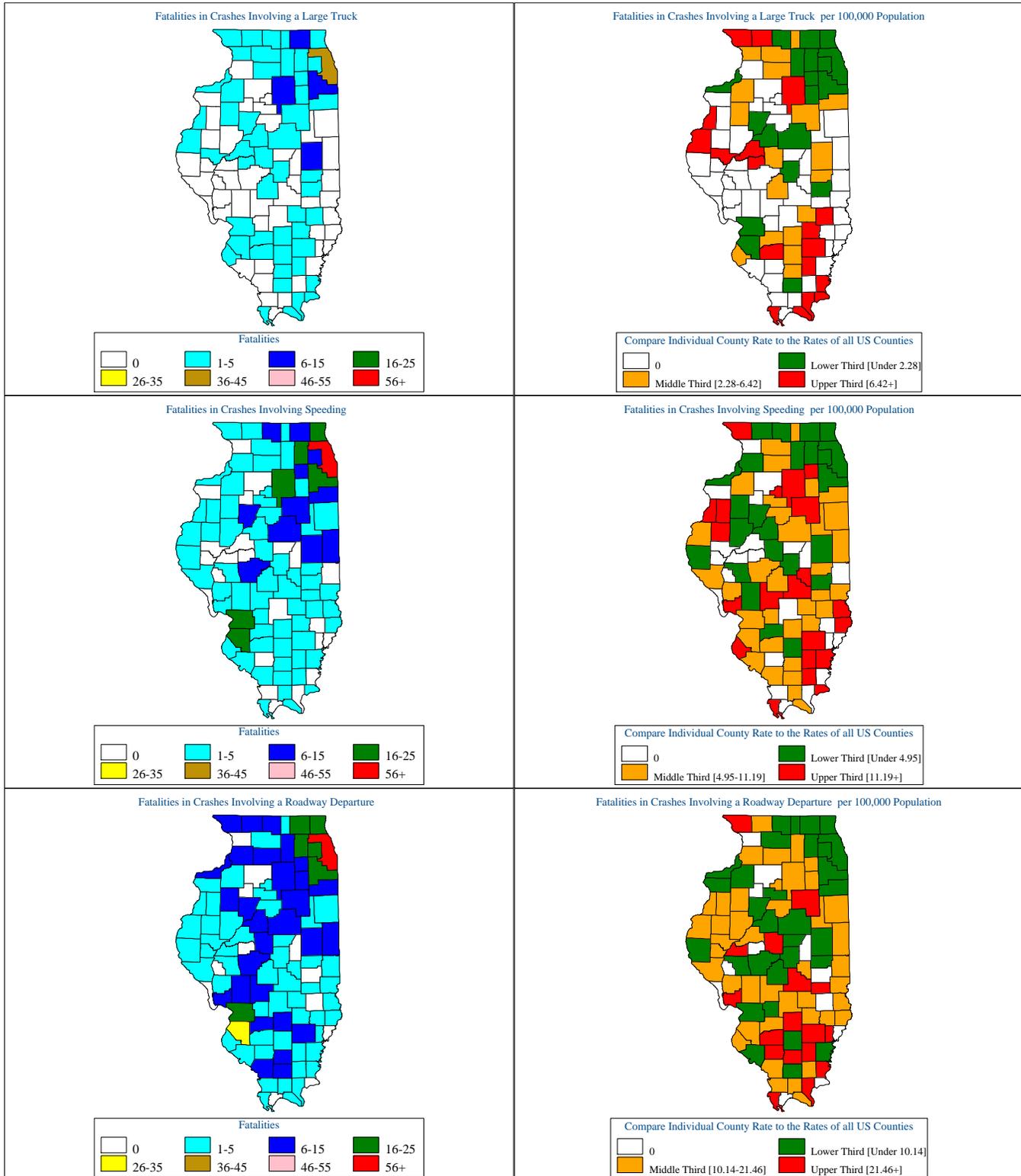
Illinois Motor Vehicle Crash Fatality Maps for 2007



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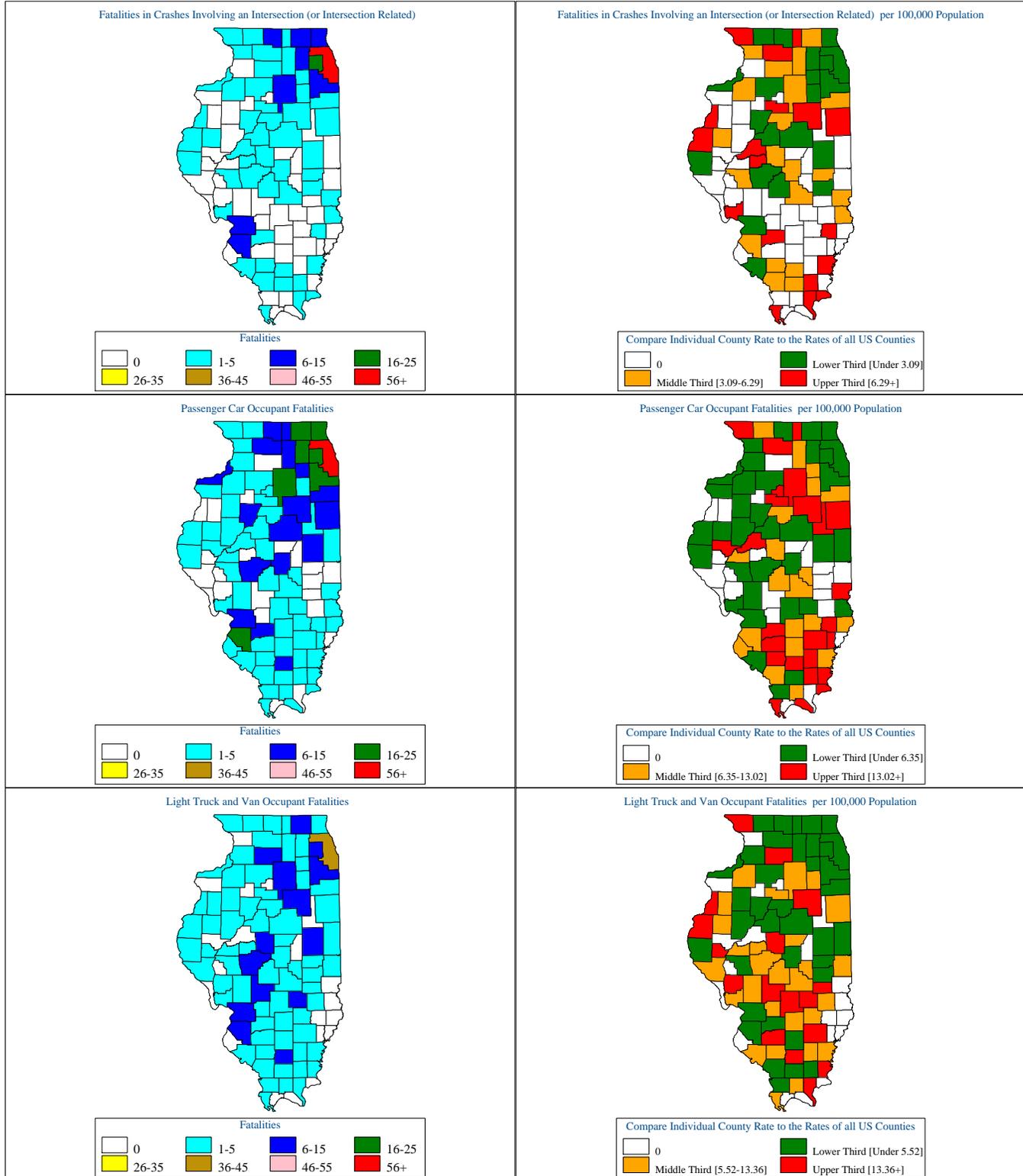
Illinois Motor Vehicle Crash Fatality Maps for 2007



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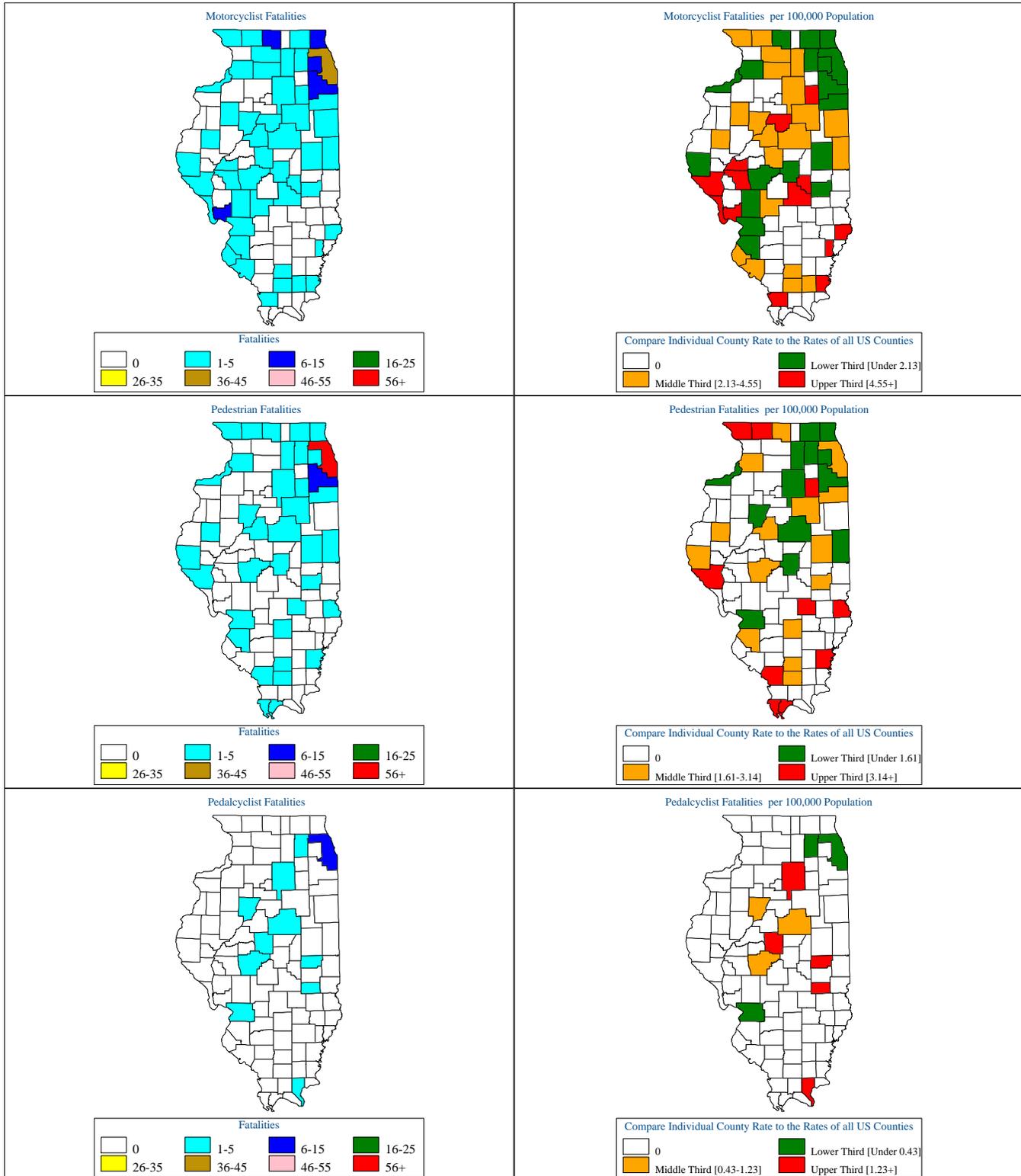
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