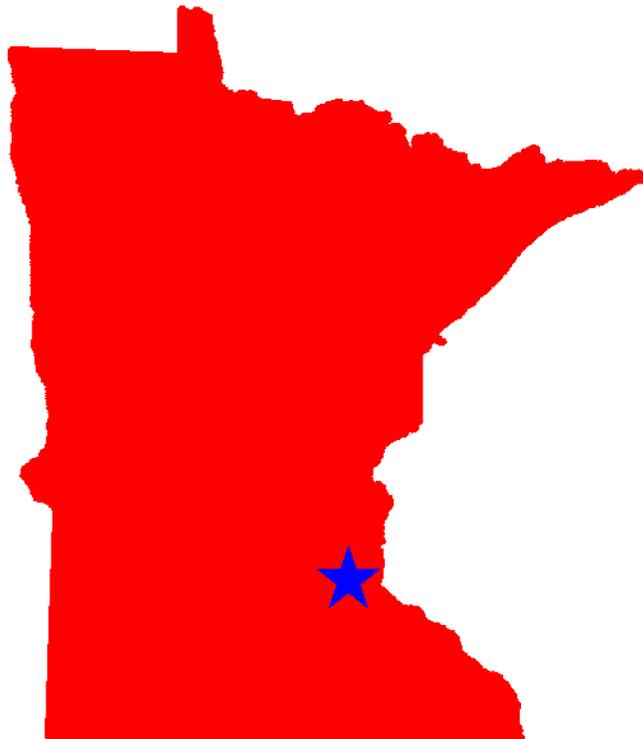




Traffic Safety Facts Minnesota 2003-2007



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 Minnesota 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 Minnesota *

Core Outcome Measures		Year				
		2003	2004	2005	2006	2007
Total Traffic Fatalities		655	567	559	494	504
Fatalities Per 100 Million Vehicle Miles Driven**	Total	1.18	1.00	0.98	0.87	
	Rural	1.72	1.48	1.45	1.27	
	Urban	0.68	0.54	0.53	0.51	
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	520	453	428	361	385
	Restrained	214	188	184	146	166
	Unrestrained	284	234	211	185	186
	Unknown	22	31	33	30	33
Alcohol-Impaired Driving Fatalities (BAC=.08+)**		212	156	163	149	158
Speeding-Related Fatalities		193	144	152	130	108
Motorcyclist Fatalities	Total	64	52	59	67	61
	Helmeted	16	15	18	15	11
	Unhelmeted	48	37	40	52	45
	Unknown	0	0	1	0	5
Drivers Involved in Fatal Crashes	Total	873	808	769	684	781
	Aged Under 15	5	1	1	1	0
	Aged 15-20	136	133	108	107	85
	Aged Under 21	141	134	109	108	85
	Aged 21 and Over	729	672	656	570	693
	Unknown Age	3	2	4	6	3
Pedestrian Fatalities		53	37	44	38	33

*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: Minnesota , 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	Minnesota	655	55,296	1.18	5,052,497	12.96
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Minnesota	567	56,570	1.00	5,085,626	11.15
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Minnesota	559	56,904	0.98	5,113,824	10.93
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Minnesota	494	56,518	0.87	5,154,586	9.58
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Minnesota	504			5,197,621	9.70
	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**:
Minnesota , 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	Minnesota	655	266	41	223	34	0.40
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Minnesota	567	191	34	170	30	0.30
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Minnesota	559	208	37	178	32	0.31
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		12	0.14
2006	Minnesota	494	184	37	158	32	0.28
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Minnesota	504	188	37	167	33	
	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**:
Minnesota , U.S. and Best State
(New Definition)

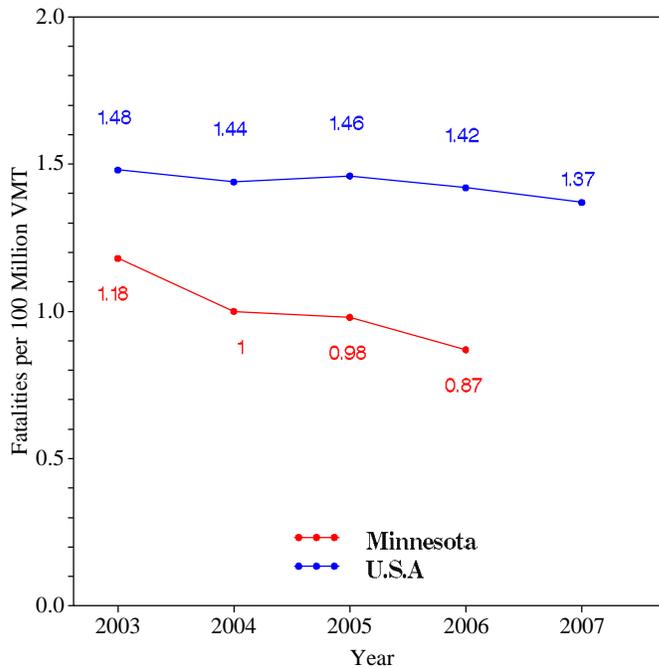
Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)		
			Number	Percent	Per 100 Million VMT
2003	Minnesota	655	212	32	0.38
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Minnesota	567	156	28	0.28
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Minnesota	559	163	29	0.29
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Minnesota	494	149	30	0.26
	US	42,708	13,491	32	0.45
	Best State*			18	0.20
2007	Minnesota	504	158	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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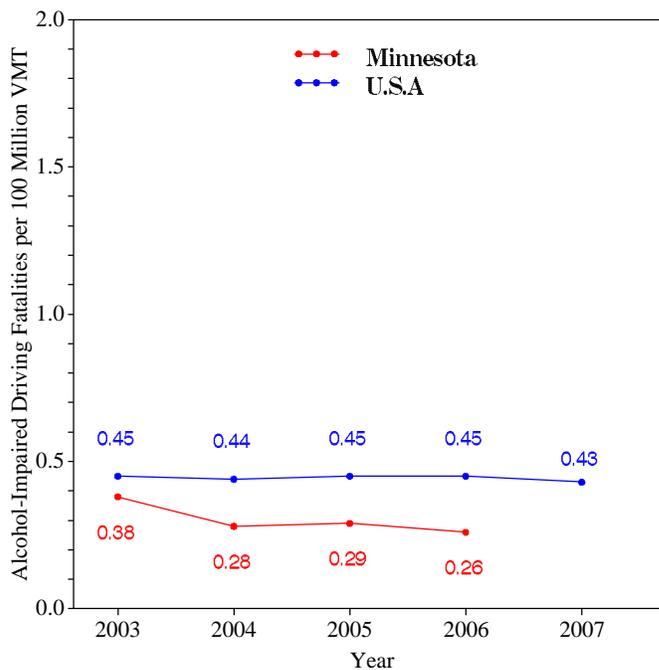


Fatalities per 100 Million VMT



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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:
Minnesota , 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	Minnesota	435	258	59	438	385	88	873	643	74
	US	31,738	8,196	26	26,779	18,836	70	58,517	27,032	46
	Best State*			76			98			83
2004	Minnesota	419	269	64	389	333	86	808	602	75
	US	31,524	8,215	26	26,871	18,275	68	58,395	26,490	45
	Best State*			80			97			82
2005	Minnesota	389	287	74	380	347	91	769	634	82
	US	31,729	7,415	23	27,491	18,773	68	59,220	26,188	44
	Best State*			77			98			84
2006	Minnesota	340	168	49	344	319	93	684	487	71
	US	30,498	7,482	25	27,348	18,911	69	57,846	26,393	46
	Best State*			81			99			85
2007	Minnesota	404	150	37	377	270	72	781	420	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 Minnesota , U.S. and Best State

Table with 3 columns: Year, Restraint Type (Minnesota, 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

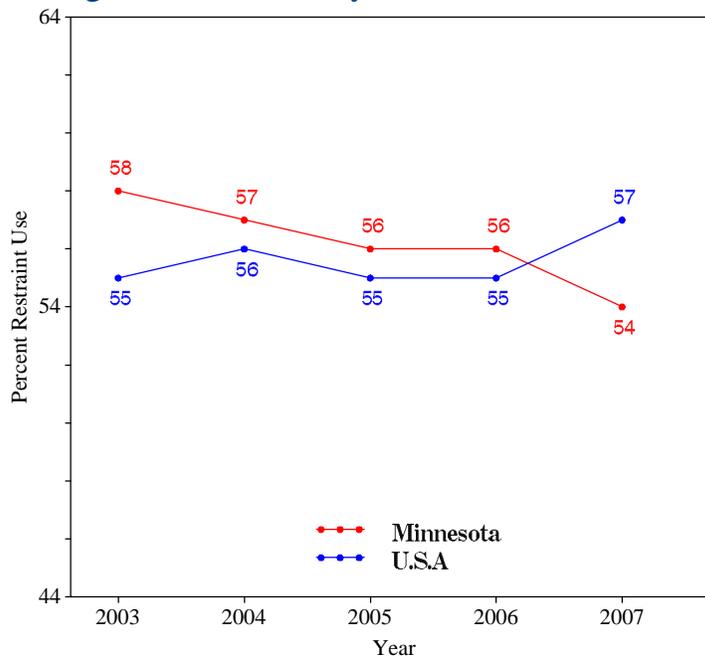
***USA Data: National Occupant Protection Use Survey. Minnesota Data: State Survey

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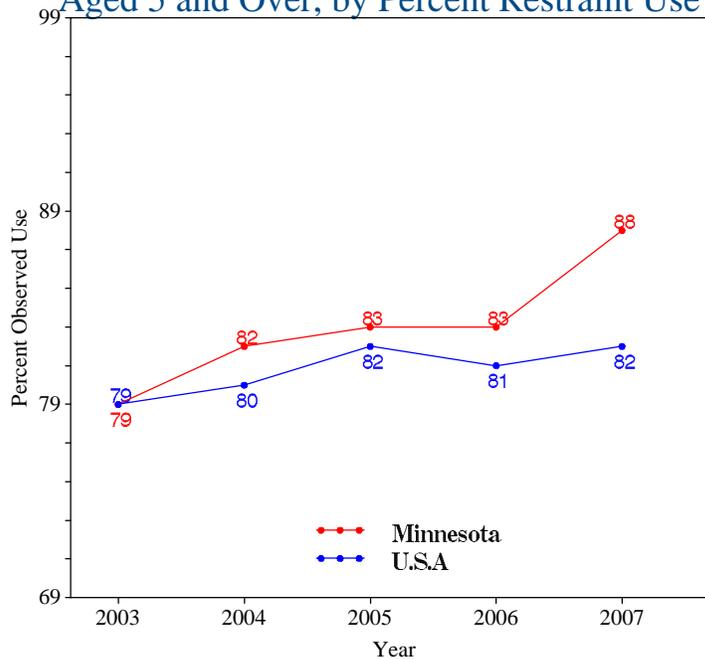
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use*



*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. Minnesota 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	513	209	282	22	43	246	102
2004	443	184	230	29	44	220	82
2005	423	180	210	33	46	225	72
2006	358	144	185	29	44	180	68
2007	381	162	186	33	47	210	59

*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	6	5	1	0	83	2	1
2004	9	3	4	2	43	5	3
2005	5	4	1	0	80	6	1
2006	3	2	0	1	100	4	0
2007	4	4	0	0	100	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	64	16	48	0	25	9	18
2004	52	15	37	0	29	9	14
2005	59	18	40	1	31	11	15
2006	67	15	52	0	22	9	19
2007	61	11	45	5	20	7	18

*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	298	45	271	48	249	45	230	47	217	43
	Light Truck - Pickup	89	14	86	15	66	12	62	13	83	16
	Light Truck - Utility	86	13	62	11	69	12	45	9	56	11
	Light Truck - Van	47	7	34	6	44	8	24	5	29	6
	Large Truck	4	1	8	1	12	2	10	2	8	2
	Bus	0	0	0	0	0	0	0	0	1	0
	Other/Unknown Occupants	8	1	7	1	9	2	8	2	12	2
	Total Occupants	532	81	468	83	449	80	379	77	406	81
Motorcyclists	Total Motorcyclists	64	10	52	9	59	11	67	14	61	12
Nonoccupants	Pedestrian	53	8	37	7	44	8	38	8	33	7
	Bicyclist and Other Cyclist	6	1	10	2	7	1	8	2	4	1
	Other/Unknown Nonoccupants	0	0	0	0	0	0	2	0	0	0
	Total Nonoccupants	59	9	47	8	51	9	48	10	37	7
Total	Total	655	100	567	100	559	100	494	100	504	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)*	655	567	559	494	504
- (1) Single Vehicle	344	281	275	265	238
- (2) Involving a Large Truck	68	74	70	62	84
- (3) Involving Speeding	193	144	152	130	108
- (4) Involving a Rollover	247	181	190	148	180
- (5) Involving a Roadway Departure	389	306	336	286	272
- (6) Involving an Intersection (or Intersection Related)	180	178	139	129	166

(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	4	15	10	21	8	6	64
2004	3	10	9	20	7	3	52
2005	4	9	8	22	9	7	59
2006	1	19	10	20	14	3	67
2007	2	8	7	16	18	10	61

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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	64	174,706	36.63
2004	52	188,903	27.53
2005	59	201,134	29.33
2006	67	215,665	31.07
2007	61		

*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	11	12	12	14
	White Non-Hispanic	453	343	270	375
	Black, Non-Hispanic	11	12	8	12
	American Indian, Non-Hispanic/Unknown	9	10	11	10
	Asian, Non-Hispanic/Unknown	7	5	5	3
	All Other Non-Hispanic or Race	11	3	2	6
	Unknown Race and Unknown Hispanic	94	135	200	26
	Total	596	520	508	446
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)					
	Hispanic	1	0	0	2
	White Non-Hispanic	32	27	19	39
	Black, Non-Hispanic	2	4	2	2
	American Indian, Non-Hispanic/Unknown	3	1	4	2
	Asian, Non-Hispanic/Unknown	4	0	2	1
	All Other Non-Hispanic or Race	3	1	1	1
	Unknown Race and Unknown Hispanic	14	14	23	1
Total	59	47	51	48	
Total	655	567	559	494	

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	Hennepin County	61	48	49	40	50	9	8	9	8	10
2	Dakota County	14	33	28	22	26	2	6	5	4	5
3	St. Louis County	29	21	19	21	23	4	4	3	4	5
4	Ramsey County	30	22	26	20	21	5	4	5	4	4
5	Washington County	24	18	19	15	20	4	3	3	3	4
6	Wright County	20	15	16	11	20	3	3	3	2	4
7	Scott County	18	19	10	8	18	3	3	2	2	4
8	Anoka County	33	28	23	29	16	5	5	4	6	3
9	Olmsted County	15	15	10	14	14	2	3	2	3	3
10	Carver County	11	4	12	8	13	2	1	2	2	3
Sub Total 1.*	Top Ten Counties	266	240	233	203	221	41	42	42	41	44
Sub Total 2.**	All Other Counties	389	327	326	291	283	59	58	58	59	56
Total	All Counties	655	567	559	494	504	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	Hennepin County	61	48	49	40	50	-21	2	-18	25
2	Dakota County	14	33	28	22	26	136	-15	-21	18
3	St. Louis County	29	21	19	21	23	-28	-10	11	10
4	Ramsey County	30	22	26	20	21	-27	18	-23	5
5	Washington County	24	18	19	15	20	-25	6	-21	33
6	Wright County	20	15	16	11	20	-25	7	-31	82
7	Scott County	18	19	10	8	18	6	-47	-20	125
8	Anoka County	33	28	23	29	16	-15	-18	26	-45
9	Olmsted County	15	15	10	14	14	0	-33	40	0
10	Carver County	11	4	12	8	13	-64	200	-33	63
Sub Total 1.*	Top Ten Counties	266	240	233	203	221	-10	-3	-13	9
Sub Total 2.**	All Other Counties	389	327	326	291	283	-16	-0	-11	-3
Total	All Counties	655	567	559	494	504	-13	-1	-12	2

*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	Wilkin County	29.10	14.85	0.00	15.42	93.49
2	Mahnomen County	98.19	19.78	0.00	39.40	58.49
3	Lincoln County	81.12	16.49	50.18	0.00	51.05
4	Red Lake County	0.00	23.24	23.61	48.63	48.57
5	Kittson County	61.22	20.80	42.27	0.00	44.40
6	Pipestone County	0.00	42.31	21.56	21.51	42.99
7	Rock County	0.00	21.20	10.60	10.61	42.11
8	Cook County	18.98	0.00	18.81	37.27	37.05
9	Murray County	33.66	22.68	22.96	11.60	35.25
10	Faribault County	32.12	0.00	13.19	19.97	33.63
	Sub Rate 1.* <i>Top Ten Counties</i>	44.12	40.09	46.83	36.30	46.18
	Sub Rate 2.** <i>All Other Counties</i>	11.95	9.97	10.04	8.97	9.17
	Total Rate <i>All Counties</i>	12.96	11.15	10.93	9.58	9.70

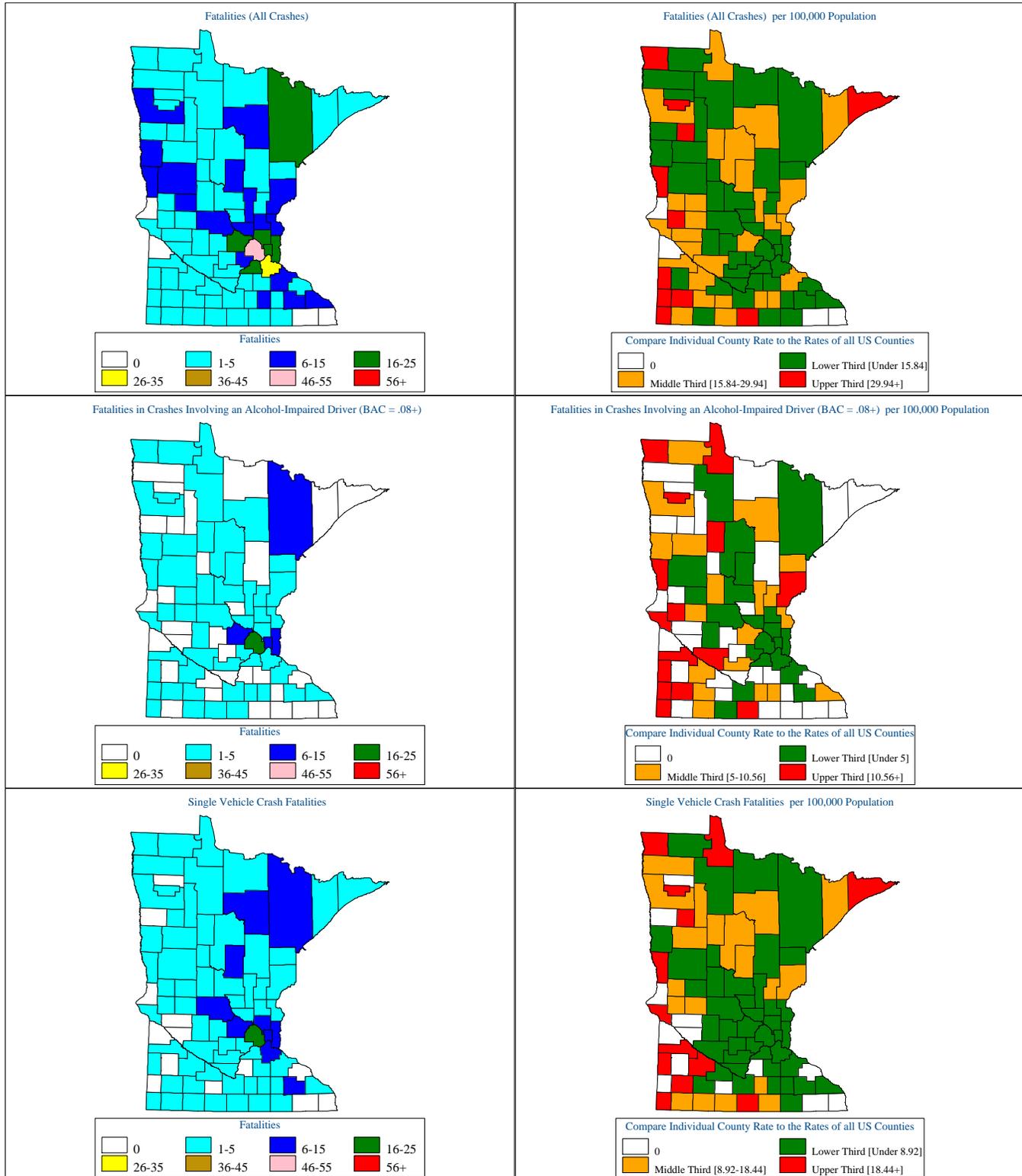
*This Sub Rate is the Rate for the Top Ten Counties

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

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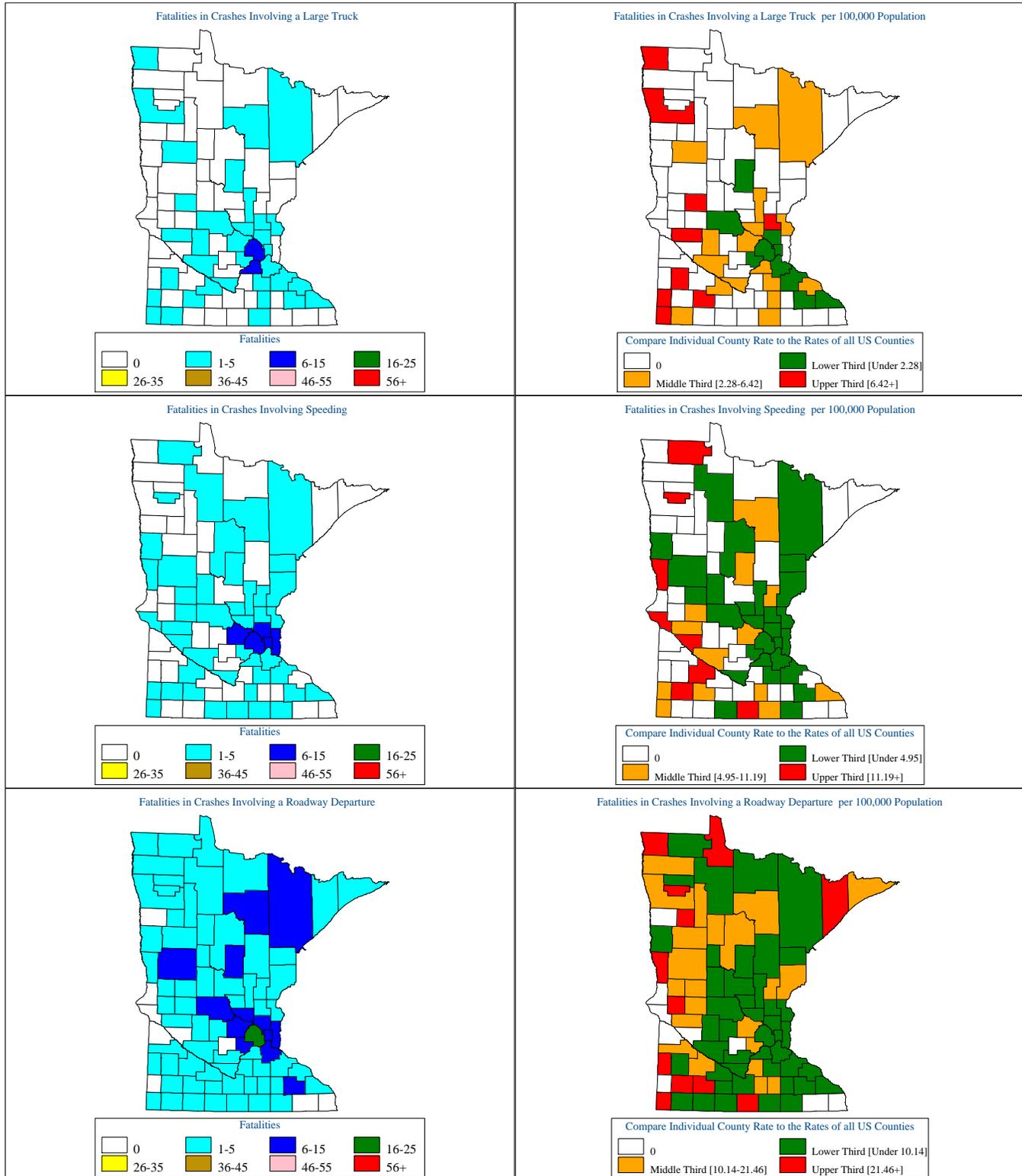
Minnesota Motor Vehicle Crash Fatality Maps for 2007



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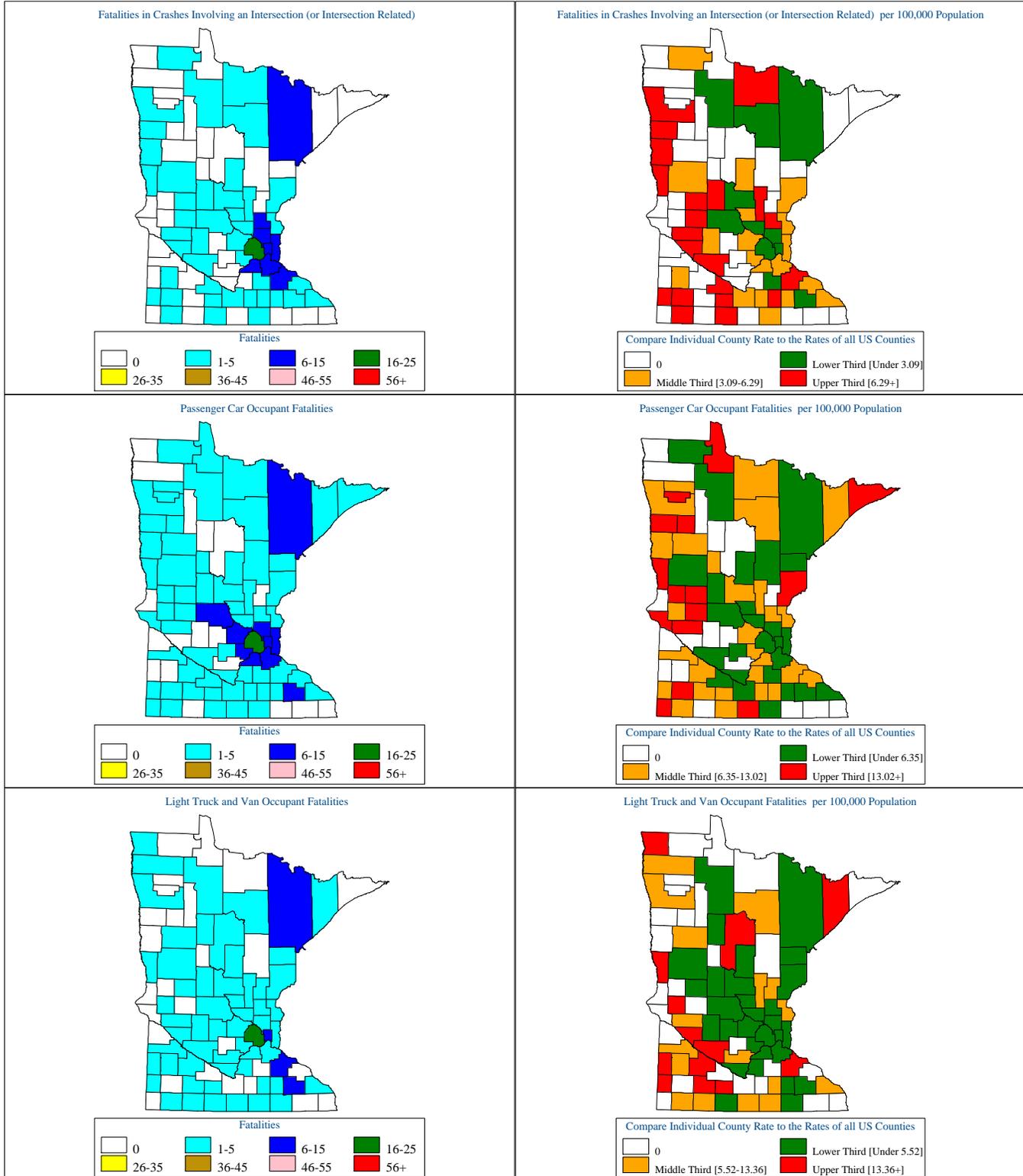
Minnesota Motor Vehicle Crash Fatality Maps for 2007



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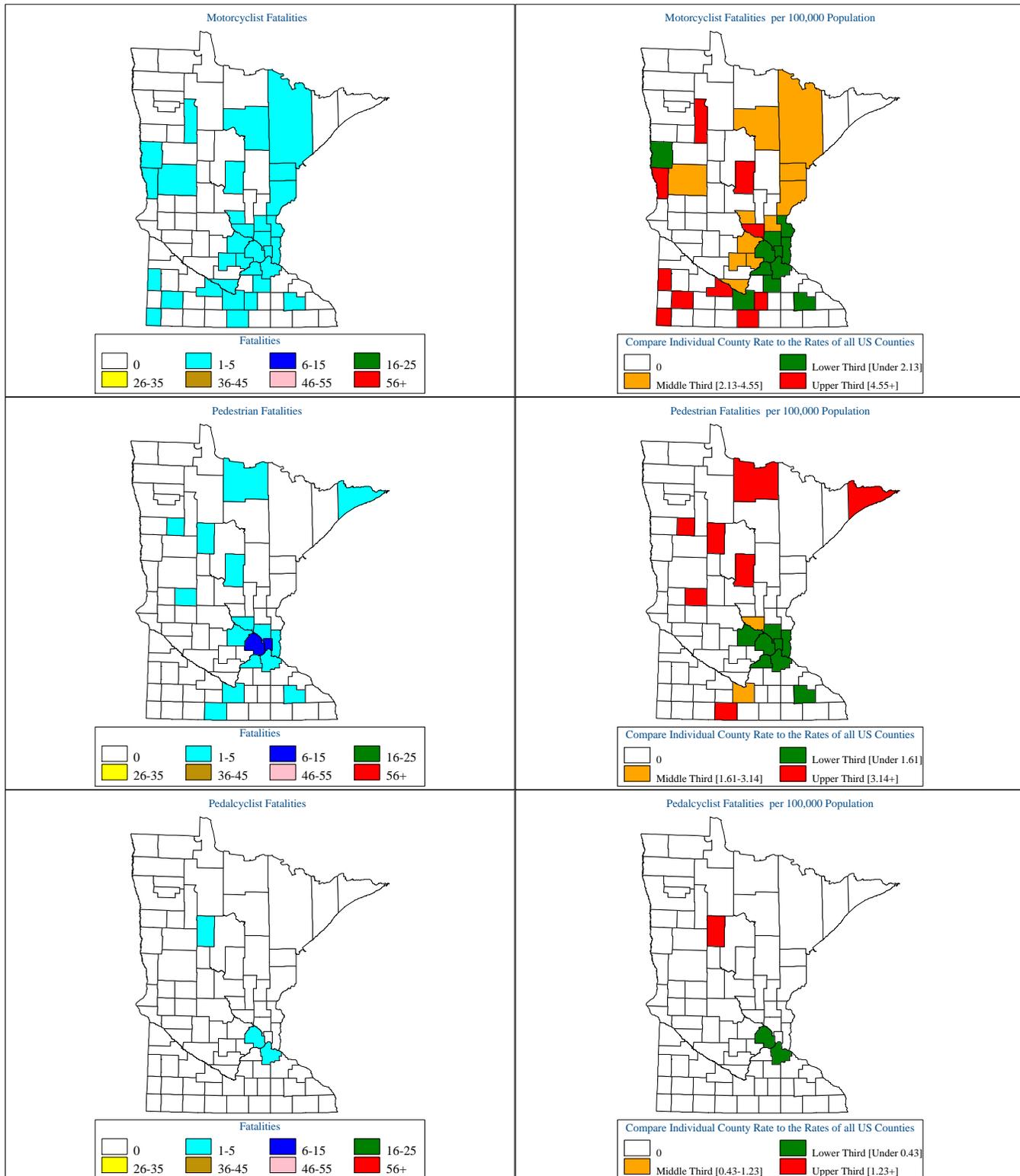
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