



Traffic Safety Facts Nebraska 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 Nebraska 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 Nebraska *

Core Outcome Measures		Year				
		2003	2004	2005	2006	2007
Traffic Fatalities	Total	293	254	276	269	256
	Rural	237	208	213	209	205
	Urban	56	46	63	60	51
	Unknown	0	0	0	0	0
Fatalities Per 100 Million Vehicle Miles Driven**	Total	1.54	1.32	1.43	1.39	
	Rural	2.06	1.81	1.86	1.87	
	Urban	0.75	0.60	0.80	0.73	
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	250	214	241	230	219
	Restrained	71	72	68	77	67
	Unrestrained	151	118	145	136	122
	Unknown	28	24	28	17	30
Alcohol-Impaired Driving Fatalities (BAC=.08+)**		95	74	74	71	77
Speeding-Related Fatalities		38	42	51	64	44
Motorcyclist Fatalities	Total	13	21	17	18	15
	Helmeted	9	15	12	13	11
	Unhelmeted	3	4	3	4	4
	Unknown	1	2	2	1	0
Drivers Involved in Fatal Crashes	Total	395	350	366	330	356
	Aged Under 15	0	1	4	1	0
	Aged 15-20	57	61	50	67	71
	Aged Under 21	57	62	54	68	71
	Aged 21 and Over	336	285	310	262	284
	Unknown Age	2	3	2	0	1
Pedestrian Fatalities		12	9	8	9	8

*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)

**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: Nebraska , 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	Nebraska	293	19,016	1.54	1,734,746	16.89
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Nebraska	254	19,171	1.32	1,743,954	14.56
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Nebraska	276	19,291	1.43	1,754,042	15.74
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Nebraska	269	19,415	1.39	1,763,765	15.25
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Nebraska	256			1,774,571	14.43
	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**:
 Nebraska , 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	Nebraska	293	121	41	99	34	0.52
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Nebraska	254	92	36	79	31	0.41
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Nebraska	276	93	34	78	28	0.40
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		12	0.14
2006	Nebraska	269	90	33	74	28	0.38
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Nebraska	256	99	39	78	30	
	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**:
Nebraska , U.S. and Best State
(New Definition)

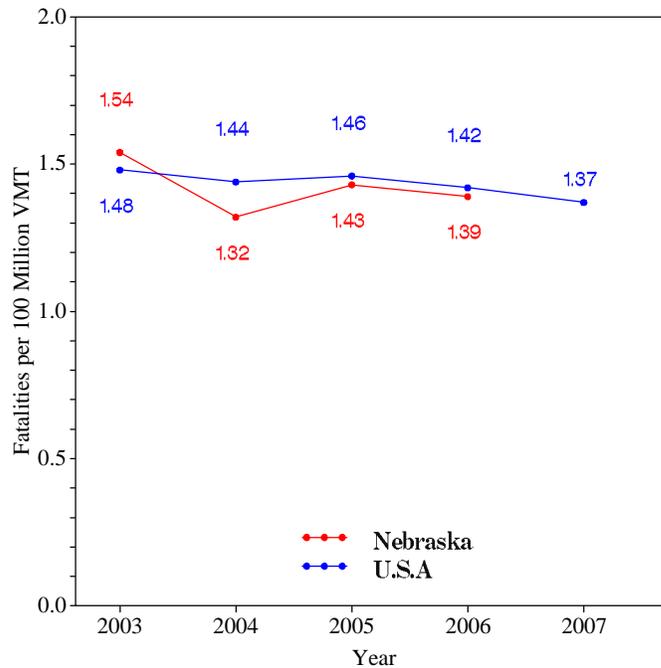
Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)		
			Number	Percent	Per 100 Million VMT
2003	Nebraska	293	95	32	0.50
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Nebraska	254	74	29	0.39
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Nebraska	276	74	27	0.38
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Nebraska	269	71	26	0.37
	US	42,708	13,491	32	0.45
	Best State*			18	0.20
2007	Nebraska	256	77	30	
	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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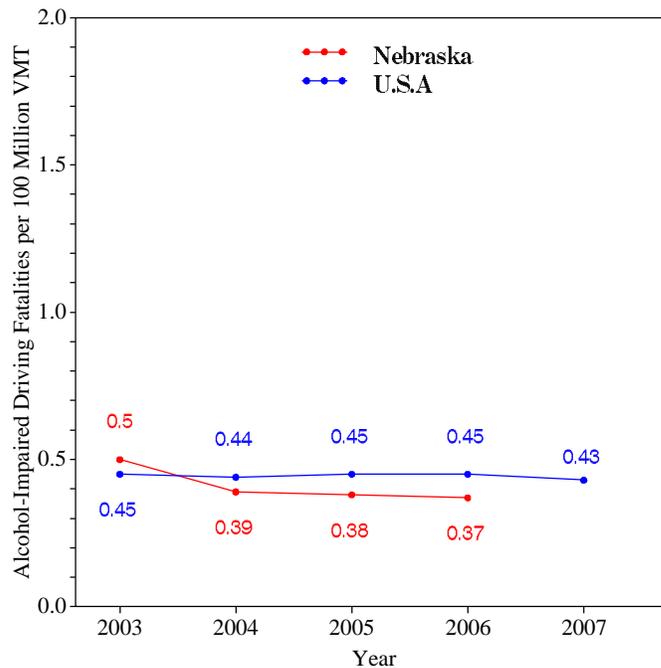


Fatalities per 100 Million VMT



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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:
Nebraska , 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	Nebraska	204	156	76	191	161	84	395	317	80
	US	31,738	8,196	26	26,779	18,836	70	58,517	27,032	46
	Best State*			76			98			83
2004	Nebraska	179	137	77	171	150	88	350	287	82
	US	31,524	8,215	26	26,871	18,275	68	58,395	26,490	45
	Best State*			80			97			82
2005	Nebraska	181	123	68	185	153	83	366	276	75
	US	31,729	7,415	23	27,491	18,773	68	59,220	26,188	44
	Best State*			77			98			84
2006	Nebraska	157	127	81	173	152	88	330	279	85
	US	30,498	7,482	25	27,348	18,911	69	57,846	26,393	46
	Best State*			81			99			85
2007	Nebraska	182	138	76	174	153	88	356	291	82
	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 Nebraska, U.S. and Best State

Table with 3 columns: Year, Restraint Category (Nebraska, 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

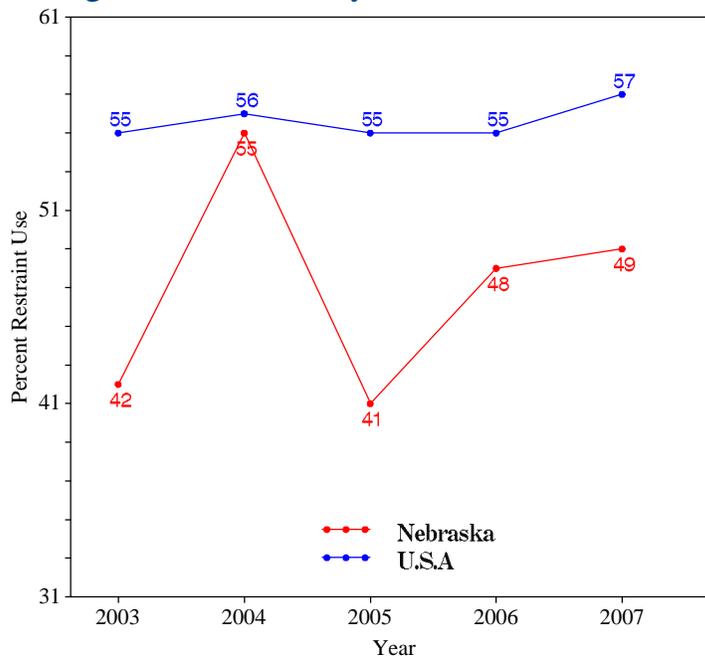
***USA Data: National Occupant Protection Use Survey. Nebraska Data: State Survey

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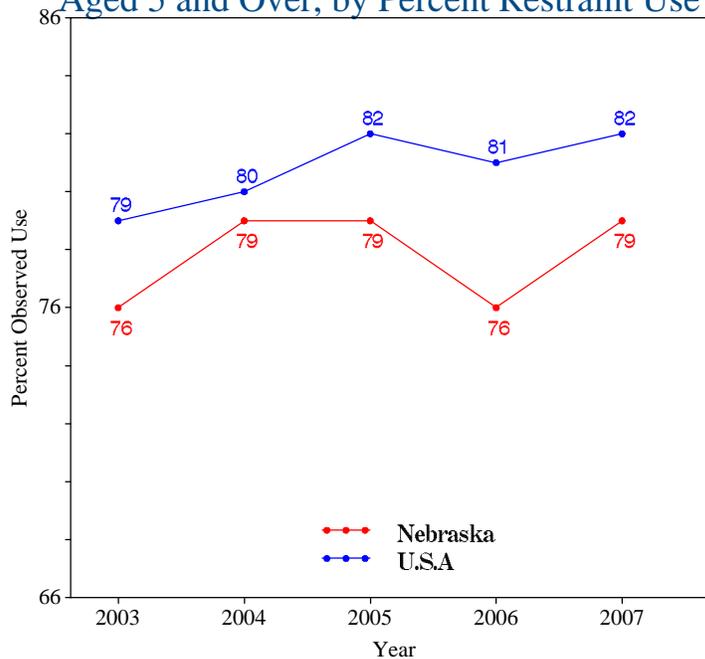
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use*



*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. Nebraska 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	245	66	151	28	30	86	50
2004	210	69	117	24	37	86	41
2005	238	66	144	28	31	94	45
2006	222	71	134	17	35	91	52
2007	216	65	122	29	35	88	46

*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	5	5	0	0	100	1	0
2004	3	3	0	0	100	4	0
2005	3	2	1	0	67	2	1
2006	8	6	2	0	75	9	1
2007	3	2	0	1	100	6	

*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	13	9	3	1	75	6	1
2004	21	15	4	2	79	10	2
2005	17	12	3	2	80	8	2
2006	18	13	4	1	76	8	2
2007	15	11	4	0	73	7	1

*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	147	50	121	48	126	46	124	46	122	48
	Light Truck - Pickup	52	18	37	15	48	17	52	19	43	17
	Light Truck - Utility	33	11	41	16	43	16	44	16	42	16
	Light Truck - Van	18	6	15	6	24	9	10	4	12	5
	Large Truck	10	3	2	1	5	2	5	2	7	3
	Bus	0	0	1	0	0	0	0	0	0	0
	Other/Unknown Occupants	6	2	6	2	1	0	5	2	6	2
	<i>Total Occupants</i>	266	91	223	88	247	89	240	89	232	91
Motorcyclists	<i>Total Motorcyclists</i>	13	4	21	8	17	6	18	7	15	6
Nonoccupants	Pedestrian	12	4	9	4	8	3	9	3	8	3
	Bicyclist and Other Cyclist	2	1	1	0	3	1	2	1	1	0
	Other/Unknown Nonoccupants	0	0	0	0	1	0	0	0	0	0
	<i>Total Nonoccupants</i>	14	5	10	4	12	4	11	4	9	4
Total	<i>Total</i>	293	100	254	100	276	100	269	100	256	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)*	293	254	276	269	256
- (1) Single Vehicle	143	122	147	136	133
- (2) Involving a Large Truck	56	49	48	34	43
- (3) Involving Speeding	38	42	51	64	44
- (4) Involving a Rollover	106	101	117	94	99
- (5) Involving a Roadway Departure	167	152	162	160	155
- (6) Involving an Intersection (or Intersection Related)	80	90	85	88	85

(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	0	6	1	2	3	1	13
2004	3	5	3	4	6	0	21
2005	0	2	2	3	8	2	17
2006	2	4	3	2	5	2	18
2007	2	4	4	3	1	1	15

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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	13	27,233	47.74
2004	21	28,671	73.24
2005	17	31,610	53.78
2006	18	36,951	48.71
2007	15		

*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	16	18	15	21
	White Non-Hispanic	247	218	232	221
	Black, Non-Hispanic	5	3	8	9
	American Indian, Non-Hispanic/Unknown	8	2	5	5
	Asian, Non-Hispanic/Unknown	2	1	1	2
	Pacific Islander, Non-Hispanic/Unknown	0	1	0	0
	All Other Non-Hispanic or Race	1	0	1	0
	Unknown Race and Unknown Hispanic	0	1	2	0
	Total	279	244	264	258
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)	Hispanic	0	0	0	0
	White Non-Hispanic	11	8	12	8
	Black, Non-Hispanic	1	1	0	1
	American Indian, Non-Hispanic/Unknown	2	1	0	2
	Asian, Non-Hispanic/Unknown	0	0	0	0
	Pacific Islander, Non-Hispanic/Unknown	0	0	0	0
	All Other Non-Hispanic or Race	0	0	0	0
	Unknown Race and Unknown Hispanic	0	0	0	0
	Total	14	10	12	11
Total	293	254	276	269	

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	Douglas County	34	32	38	40	39	12	13	14	15	15
2	Lancaster County	33	18	22	17	24	11	7	8	6	9
3	Buffalo County	13	10	6	13	11	4	4	2	5	4
4	Sarpy County	7	10	5	17	11	2	4	2	6	4
5	Platte County	1	8	4	3	9	0	3	1	1	4
6	Lincoln County	3	5	12	4	8	1	2	4	1	3
7	Otoe County	4	1	6	8	8	1	0	2	3	3
8	Scotts Bluff County	3	8	7	6	7	1	3	3	2	3
9	Hamilton County	3	1	2	0	6	1	0	1	0	2
10	Adams County	1	4	9	8	5	0	2	3	3	2
Sub Total 1.*	Top Ten Counties	135	120	137	141	128	46	47	50	52	50
Sub Total 2.**	All Other Counties	158	134	139	128	128	54	53	50	48	50
Total	All Counties	293	254	276	269	256	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	Douglas County	34	32	38	40	39	-6	19	5	-3
2	Lancaster County	33	18	22	17	24	-45	22	-23	41
3	Buffalo County	13	10	6	13	11	-23	-40	117	-15
4	Sarpy County	7	10	5	17	11	43	-50	240	-35
5	Platte County	1	8	4	3	9	700	-50	-25	200
6	Lincoln County	3	5	12	4	8	67	140	-67	100
7	Otoe County	4	1	6	8	8	-75	500	33	0
8	Scotts Bluff County	3	8	7	6	7	167	-13	-14	17
9	Hamilton County	3	1	2	0	6	-67	100	-100	0
10	Adams County	1	4	9	8	5	300	125	-11	-38
Sub Total 1.* <i>Top Ten Counties</i>		135	120	137	141	128	-11	14	3	-9
Sub Total 2.** <i>All Other Counties</i>		158	134	139	128	128	-15	4	-8	0
Total <i>All Counties</i>		293	254	276	269	256	-13	9	-3	-5

*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	Arthur County	0.00	259.74	270.27	0.00	280.90
2	Hitchcock County	66.36	33.22	0.00	34.65	175.81
3	Thomas County	0.00	0.00	0.00	0.00	166.67
4	Loup County	408.16	145.99	0.00	0.00	155.28
5	Banner County	0.00	0.00	0.00	134.41	136.24
6	Hayes County	275.99	0.00	0.00	201.61	102.04
7	Polk County	36.92	37.60	0.00	38.37	96.01
8	Sheridan County	69.32	34.81	0.00	36.39	73.39
9	Valley County	66.11	67.70	46.16	23.27	70.37
10	Sherman County	31.92	0.00	0.00	32.91	66.38
	Sub Rate 1.* Top Ten Counties	140.05	81.05	96.69	90.87	99.62
	Sub Rate 2.** All Other Counties	14.78	12.78	14.43	13.32	13.25
	Total Rate All Counties	16.89	14.56	15.74	15.25	14.43

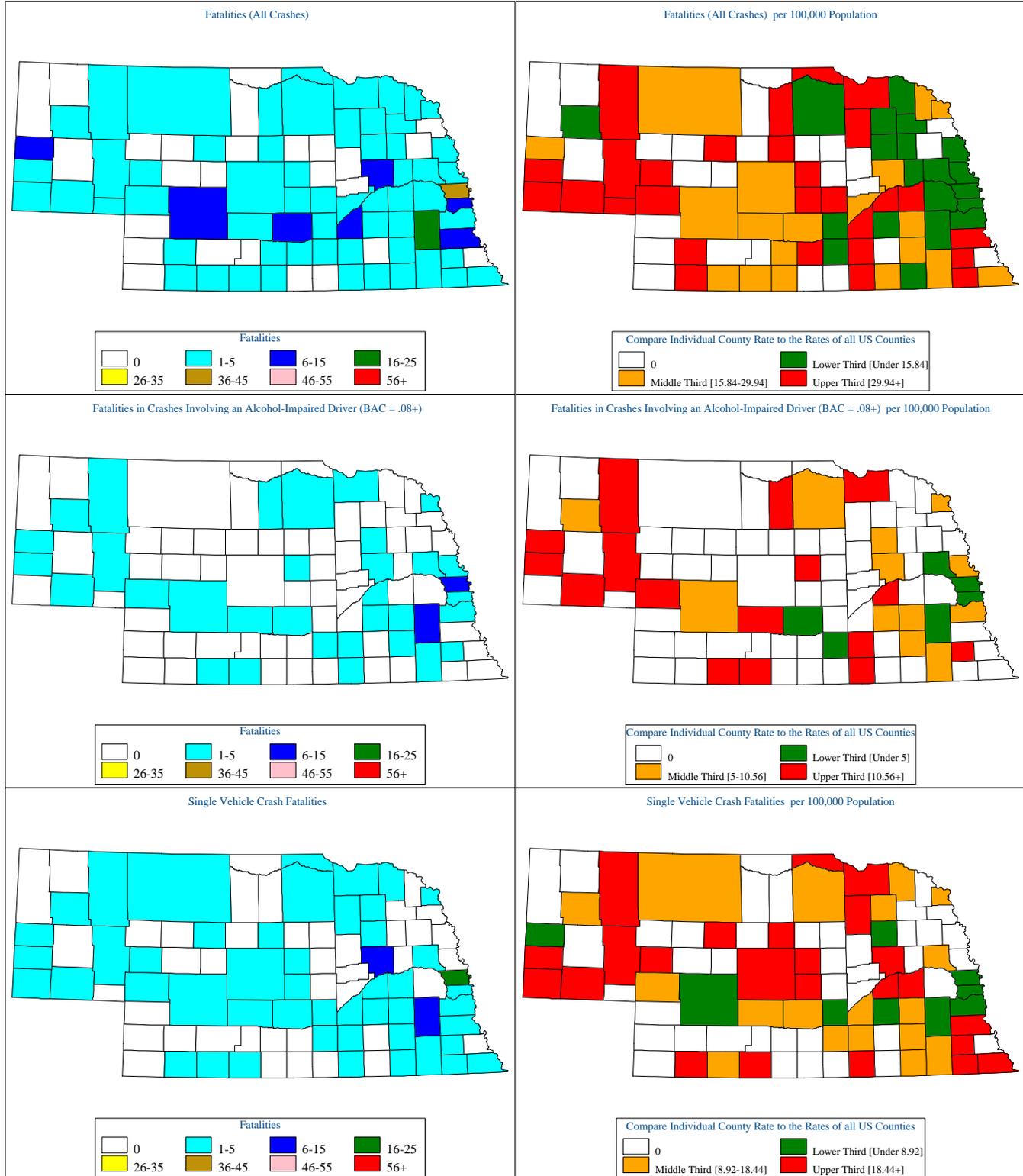
*This Sub Rate is the Rate for the Top Ten Counties

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

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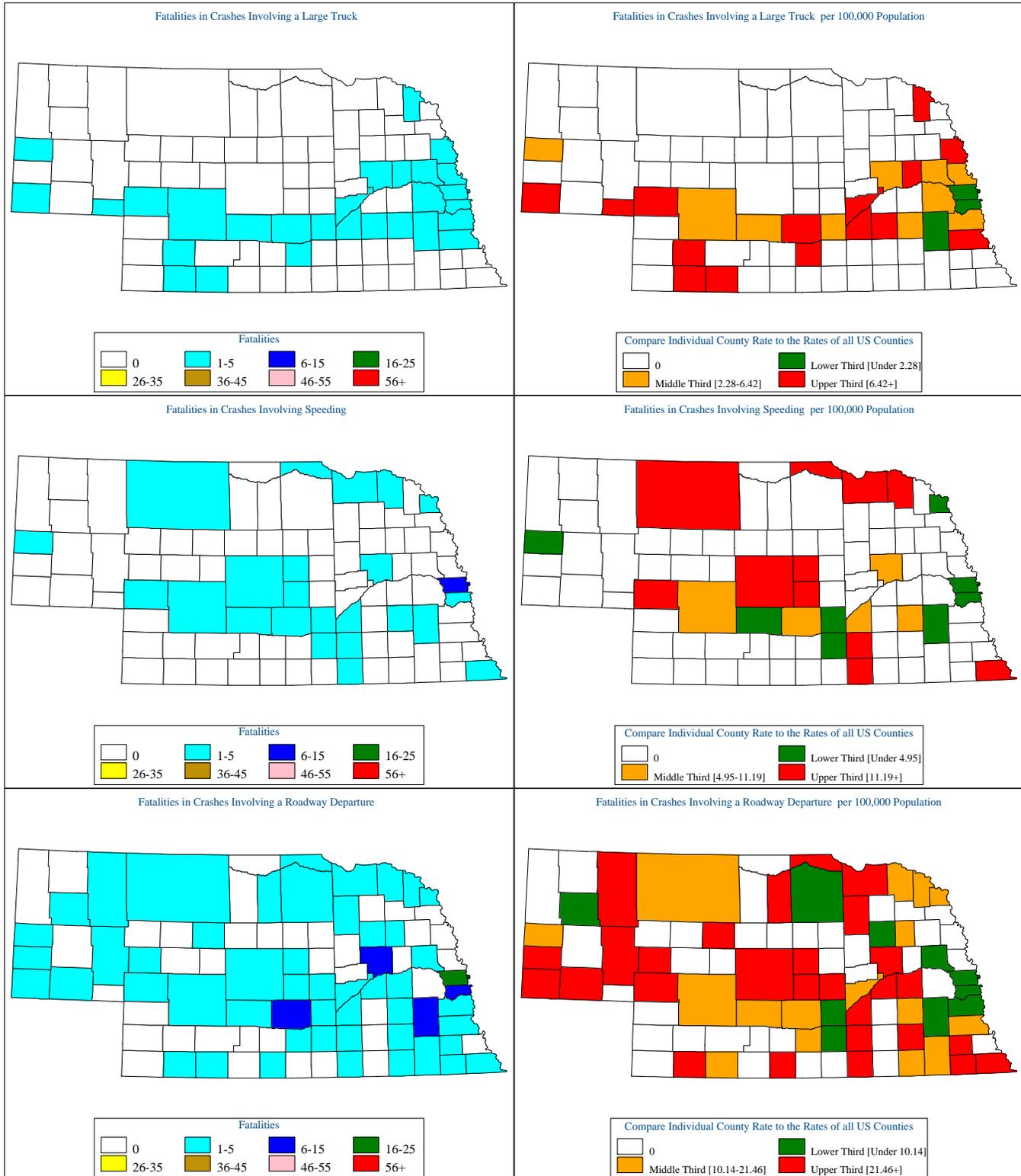
Nebraska Motor Vehicle Crash Fatality Maps for 2007



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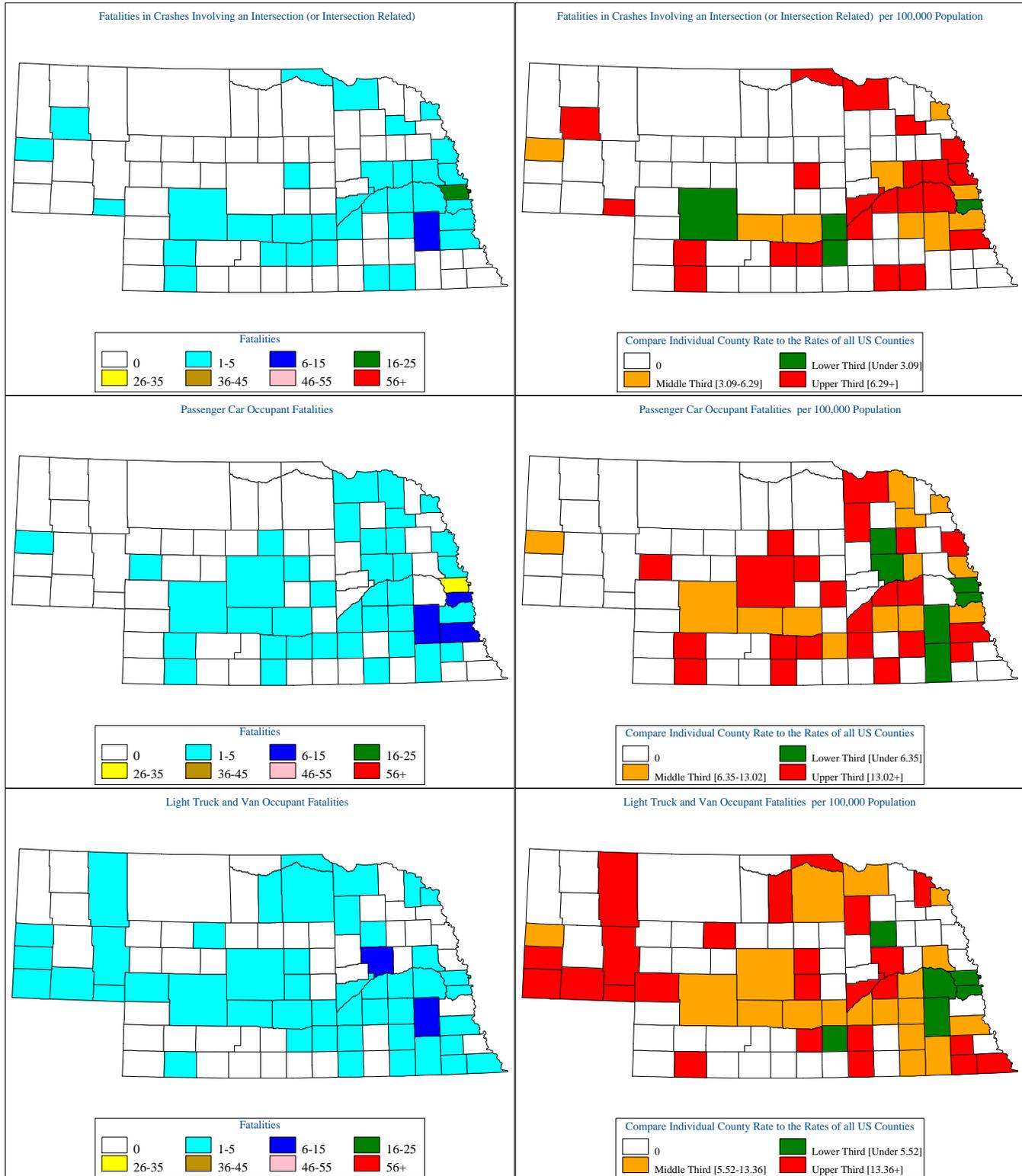
Nebraska Motor Vehicle Crash Fatality Maps for 2007



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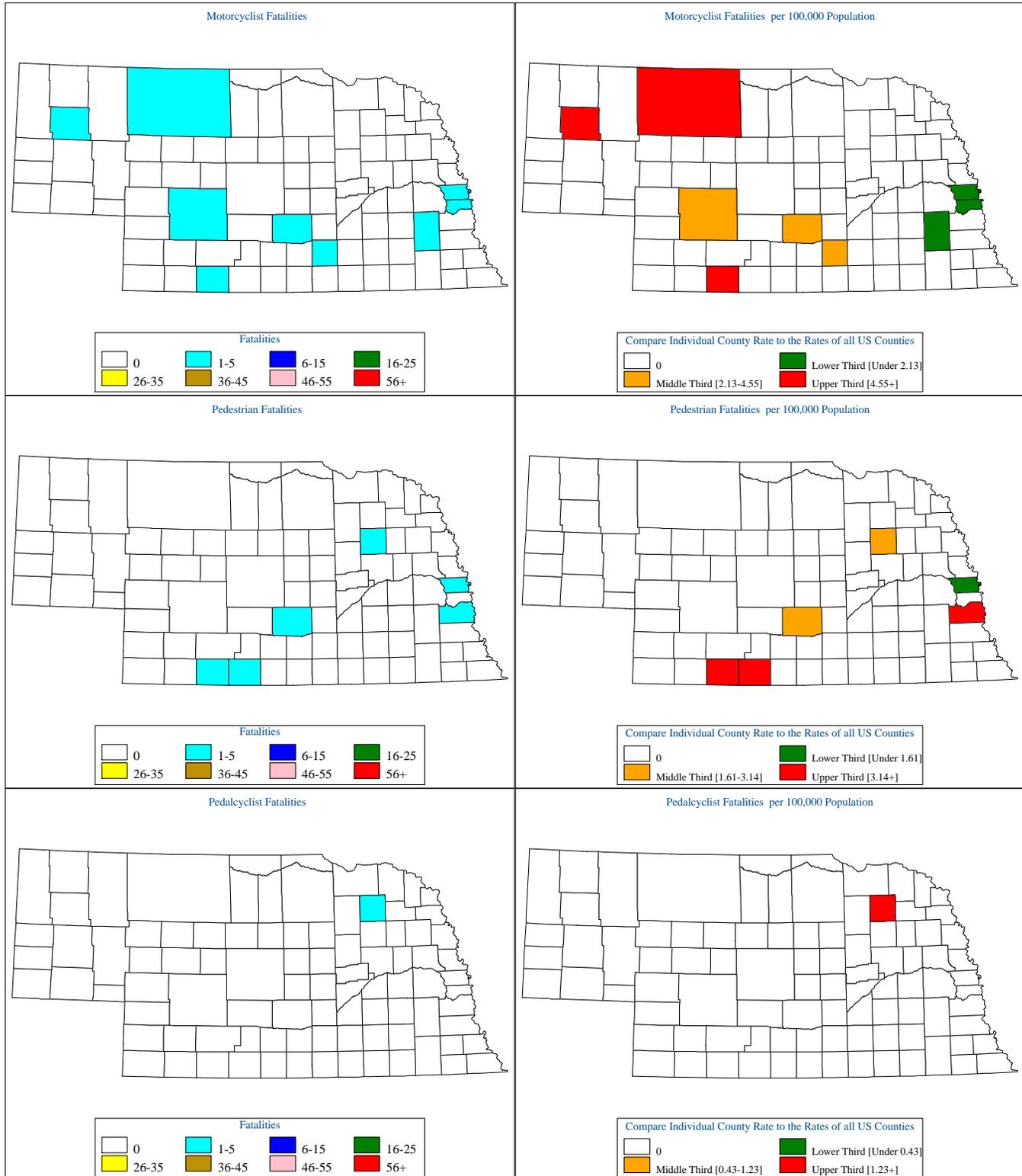
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