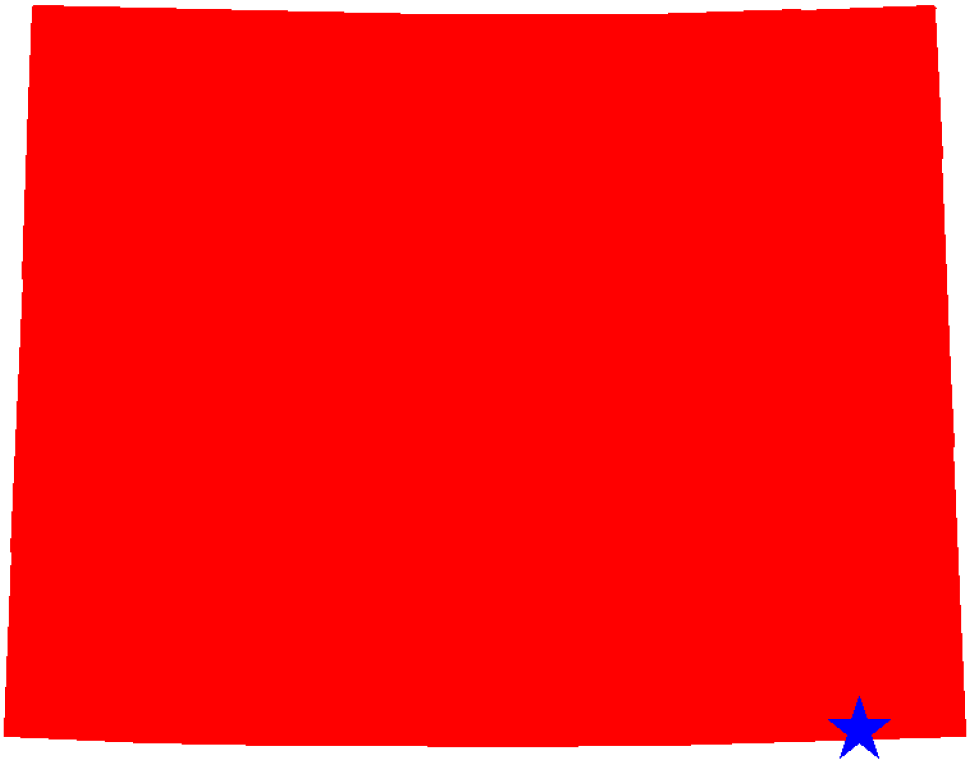
Traffic Safety Facts
Wyoming
2003-2007



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 Wyoming 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 Wyoming *

Core Outcome Measures		Year				
		2003	2004	2005	2006	2007
Traffic Fatalities	Total	165	164	170	195	150
	Rural	131	141	146	174	124
	Urban	34	23	24	21	26
	Unknown	0	0	0	0	0
Fatalities Per 100 Million Vehicle Miles Driven**	Total	1.79	1.77	1.88	2.07	
	Rural	1.93	2.14	2.22	2.59	
	Urban	1.40	0.86	0.97	0.78	
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	129	130	130	156	112
	Restrained	49	49	44	53	46
	Unrestrained	78	78	85	96	65
	Unknown	2	3	1	7	1
Alcohol-Impaired Driving Fatalities (BAC=.08+)***		46	51	54	63	49
Speeding-Related Fatalities		84	64	56	65	56
Motorcyclist Fatalities	Total	20	13	20	17	20
	Helmeted	3	3	5	4	9
	Unhelmeted	16	10	15	13	11
	Unknown	1	0	0	0	0
Drivers Involved in Fatal Crashes	Total	197	208	194	254	177
	Aged Under 15	0	0	0	1	0
	Aged 15-20	21	25	24	24	21
	Aged Under 21	21	25	24	25	21
	Aged 21 and Over	175	181	170	229	156
	Unknown Age	1	2	0	0	0
Pedestrian Fatalities		7	3	7	6	2

*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: Wyoming , 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	Wyoming	165	9,211	1.79	499,368	33.04
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Wyoming	164	9,261	1.77	503,258	32.59
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Wyoming	170	9,058	1.88	506,541	33.56
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Wyoming	195	9,415	2.07	512,757	38.03
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Wyoming	150			522,830	28.69
	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**: Wyoming , U.S. and Best State
(Old Definition)

Year		Total Fatalities in all Crashes	Highest BAC level in the Crash				
			BAC = .01+		BAC = .08+		
			Number	Percent	Number	Percent	Per 100 Million VMT
2003	Wyoming	165	63	38	50	30	0.54
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Wyoming	164	59	36	53	32	0.57
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Wyoming	170	66	39	56	33	0.62
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		12	0.14
2006	Wyoming	195	75	38	65	33	0.69
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Wyoming	150	57	38	51	34	
	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**: Wyoming , 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	Wyoming	165	46	28	0.50
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Wyoming	164	51	31	0.55
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Wyoming	170	54	32	0.60
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Wyoming	195	63	32	0.67
	US	42,708	13,491	32	0.45
	Best State*			18	0.20
2007	Wyoming	150	49	33	
	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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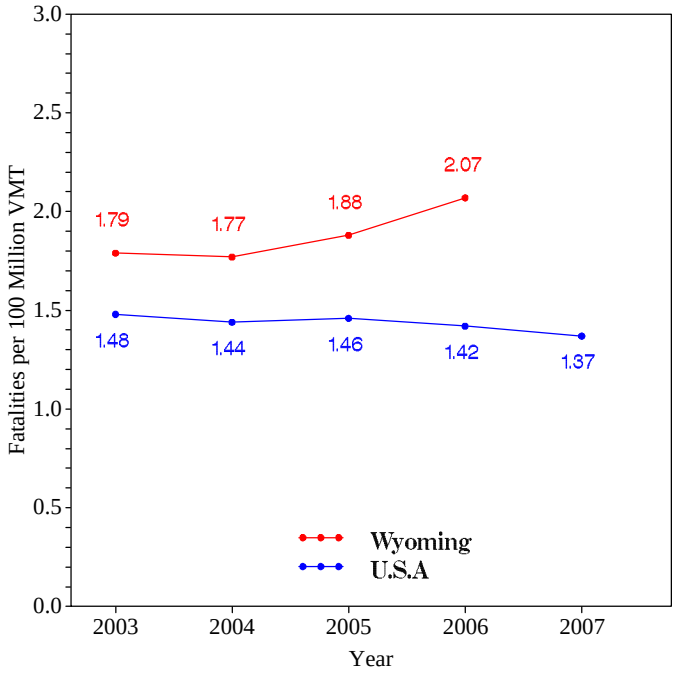
Fatalities per 100 Million VMT



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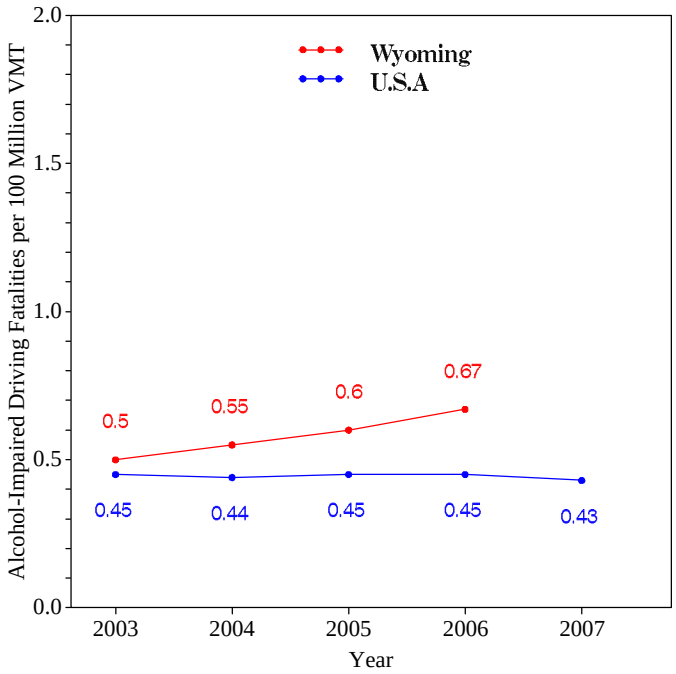
Alcohol-Impaired Driving Fatalities per 100 Million VMT



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: Wyoming , 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	Wyoming	95	26	27	102	74	73	197	100	51
	US	31,738	8,196	26	26,779	18,836	70	58,517	27,032	46
	Best State*			76			98			83
2004	Wyoming	107	32	30	101	76	75	208	108	52
	US	31,524	8,215	26	26,871	18,275	68	58,395	26,490	45
	Best State*			80			97			82
2005	Wyoming	76	21	28	118	95	81	194	116	60
	US	31,729	7,415	23	27,491	18,773	68	59,220	26,188	44
	Best State*			77			98			84
2006	Wyoming	125	36	29	129	97	75	254	133	52
	US	30,498	7,482	25	27,348	18,911	69	57,846	26,393	46
	Best State*			81			99			85
2007	Wyoming	67	18	27	110	89	81	177	107	60
	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
Wyoming , U.S. and Best State

Year		Fatalities - Restrained**	Observed - Restrained***
		Percent	Percent
2003	Wyoming	48	
	US	55	79
	Best State*	74	95
2004	Wyoming	46	70
	US	56	80
	Best State*	82	95
2005	Wyoming	42	
	US	55	82
	Best State*	88	95
2006	Wyoming	46	64
	US	55	81
	Best State*	77	96
2007	Wyoming	54	72
	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. Wyoming 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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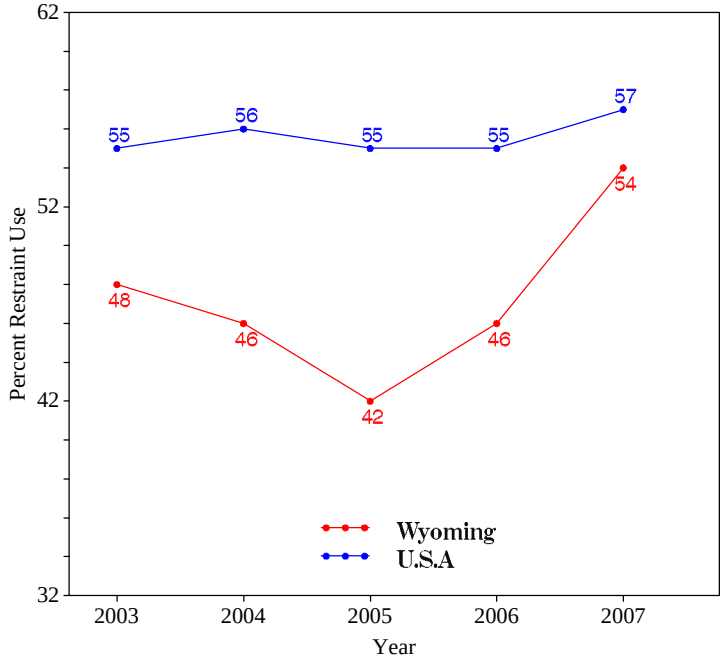
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use*



*Percent Based Only Where Restraint Use Was Known

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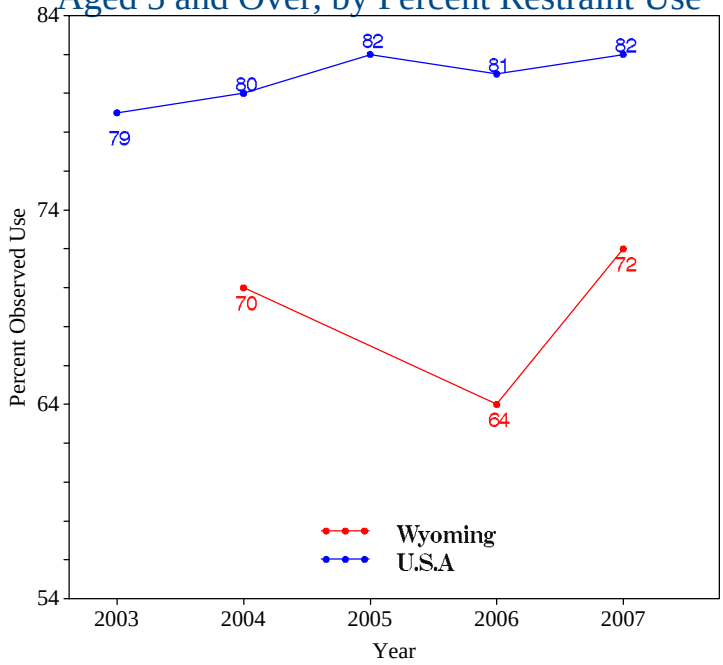
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupants Observed, Aged 5 and Over, by Percent Restraint Use*



*USA Data: National Occupant Protection Use Survey. Wyoming 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	124	47	75	2	39	71	35
2004	128	47	78	3	38	63	38
2005	129	43	85	1	34	64	37
2006	154	52	95	7	35	73	55
2007	107	43	63	1	41	59	37

*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	2	3	0	40	1	2
2004	2	2	0	0	100	4	0
2005	1	1	0	0	100	1	0
2006	2	1	1	0	50	2	1
2007	5	3	2	0	60	4	

*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	20	3	16	1	16	2	6
2004	13	3	10	0	23	2	4
2005	20	5	15	0	25	3	6
2006	17	4	13	0	24	2	5
2007	20	9	11	0	45	5	4

*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**	43	26	51	31	45	26	56	29	31	21
	Light Truck - Pickup	55	33	49	30	47	28	46	24	40	27
	Light Truck - Utility	18	11	23	14	29	17	43	22	37	25
	Light Truck - Van	13	8	7	4	9	5	11	6	4	3
	Large Truck	8	5	16	10	7	4	12	6	9	6
	Other/Unknown Occupants	0	0	2	1	3	2	4	2	7	5
	Total Occupants	137	83	148	90	140	82	172	88	128	85
Motorcyclists	***Total Motorcyclists***	20	12	13	8	20	12	17	9	20	13
Nonoccupants	**Pedestrian**	7	4	3	2	7	4	6	3	2	1
	Bicyclist and Other Cyclist	1	1	0	0	2	1	0	0	0	0
	Other/Unknown Nonoccupants	0	0	0	0	1	1	0	0	0	0
	Total Nonoccupants	8	5	3	2	10	6	6	3	2	1
Total	***Total***	165	100	164	100	170	100	195	100	150	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)*	165	164	170	195	150
- (1) Single Vehicle	109	105	113	123	110
- (2) Involving a Large Truck	30	41	31	42	24
- (3) Involving Speeding	84	64	56	65	56
- (4) Involving a Rollover	87	98	101	111	87
- (5) Involving a Roadway Departure	126	110	134	144	120
- (6) Involving an Intersection (or Intersection Related)	14	9	9	18	11

(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	1	1	6	9	3	20
2004	0	1	1	6	5	0	13
2005	0	3	3	4	8	2	20
2006	0	2	1	3	8	3	17
2007	3	1	3	5	5	3	20

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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	20	27,816	71.90
2004	13	30,615	42.46
2005	20	33,500	59.70
2006	17	35,788	47.50
2007	20		

*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**	10	17	7	13
	White Non-Hispanic	131	133	93	154
	Black, Non-Hispanic	3	3	0	3
	American Indian, Non-Hispanic/Unknown	6	6	5	16
	Asian, Non-Hispanic/Unknown	3	0	0	0
	All Other Non-Hispanic or Race	1	0	0	3
	Unknown Race and Unknown Hispanic	3	2	55	0
	Total	157	161	160	189
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)					
	Hispanic	2	1	0	0
	White Non-Hispanic	3	1	6	3
	Black, Non-Hispanic	1	0	0	0
	American Indian, Non-Hispanic/Unknown	2	1	0	2
	Asian, Non-Hispanic/Unknown	0	0	0	1
	All Other Non-Hispanic or Race	0	0	0	0
	Unknown Race and Unknown Hispanic	0	0	4	0
	Total	8	3	10	6
Total		165	164	170	195

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	Fremont County	13	7	14	24	19	8	4	8	12	13
2	Sweetwater County	19	20	11	31	18	12	12	6	16	12
3	Campbell County	11	10	10	16	13	7	6	6	8	9
4	Natrona County	10	12	13	14	12	6	7	8	7	8
5	Park County	7	5	9	3	11	4	3	5	2	7
6	Carbon County	10	13	7	19	10	6	8	4	10	7
7	Uinta County	8	6	9	3	8	5	4	5	2	5
8	Laramie County	7	24	16	16	7	4	15	9	8	5
9	Sublette County	8	5	7	4	7	5	3	4	2	5
10	Johnson County	4	6	13	7	6	2	4	8	4	4
*Sub Total 1.**	*Top Ten Counties*	113	124	112	150	111	68	76	66	77	74
*Sub Total 2.***	*All Other Counties*	52	40	58	45	39	32	24	34	23	26
Total	*All Counties*	165	164	170	195	150	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	Fremont County	13	7	14	24	19	-46	100	71	-21
2	Sweetwater County	19	20	11	31	18	5	-45	182	-42
3	Campbell County	11	10	10	16	13	-9	0	60	-19
4	Natrona County	10	12	13	14	12	20	8	8	-14
5	Park County	7	5	9	3	11	-29	80	-67	267
6	Carbon County	10	13	7	19	10	30	-46	171	-47
7	Uinta County	8	6	9	3	8	-25	50	-67	167
8	Laramie County	7	24	16	16	7	243	-33	0	-56
9	Sublette County	8	5	7	4	7	-38	40	-43	75
10	Johnson County	4	6	13	7	6	50	117	-46	-14
*Sub Total 1.**	*Top Ten Counties*	113	124	112	150	111	10	-10	34	-26
*Sub Total 2.***	*All Other Counties*	52	40	58	45	39	-23	45	-22	-13
Total	*All Counties*	165	164	170	195	150	-1	4	15	-23

*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	Sublette County	126.64	76.05	101.74	55.24	88.33
2	Johnson County	53.53	79.73	169.91	89.51	73.69
3	Carbon County	65.76	85.44	46.51	125.29	64.57
4	Crook County	101.83	67.42	66.46	82.28	63.65
5	Platte County	23.30	58.27	58.93	59.14	59.55
6	Weston County	30.55	15.24	30.83	75.87	58.36
7	Fremont County	36.30	19.46	38.57	65.17	50.70
8	Sweetwater County	51.93	54.20	29.47	81.54	45.80
9	Niobrara County	314.61	0.00	179.53	135.62	44.21
10	Park County	26.96	19.17	34.12	11.23	40.63
*Sub Rate 1.**	*Top Ten Counties*	63.22	57.23	66.14	76.30	53.39
*Sub Rate 2.***	*All Other Counties*	21.01	21.92	25.87	23.06	17.88
Total Rate	*All Counties*	33.04	32.59	33.56	38.03	28.69

*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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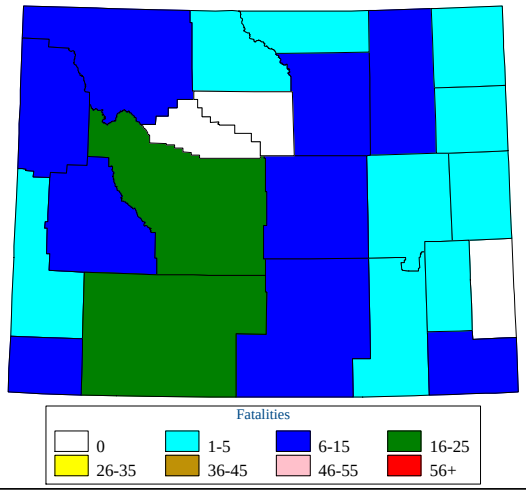
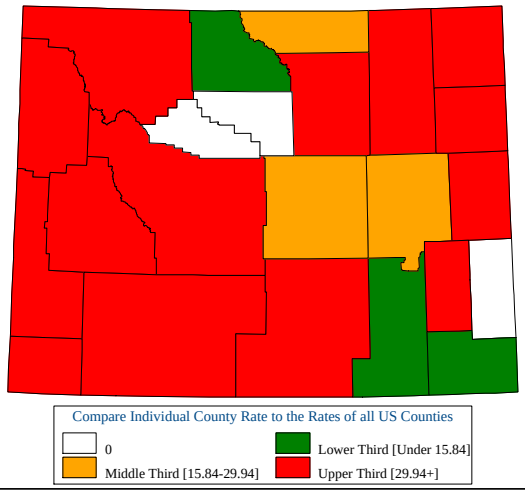
Wyoming Motor Vehicle Crash Fatality Maps for 2007

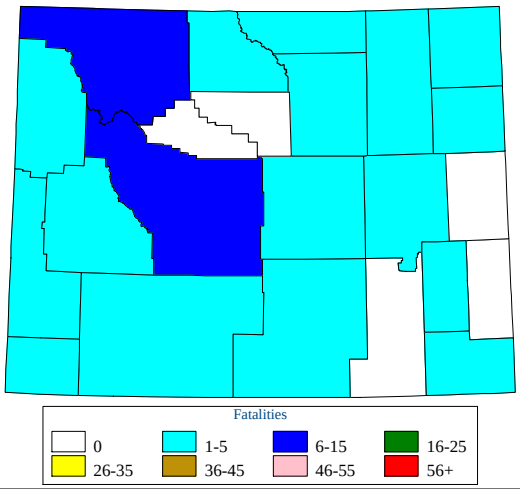
Fatalities (All Crashes)



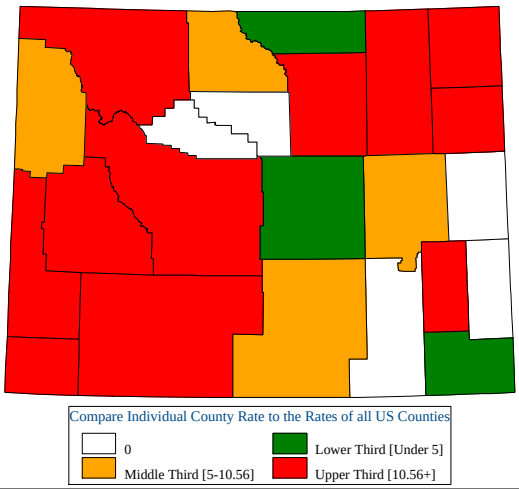
Fatalities (All Crashes) per 100,000 Population



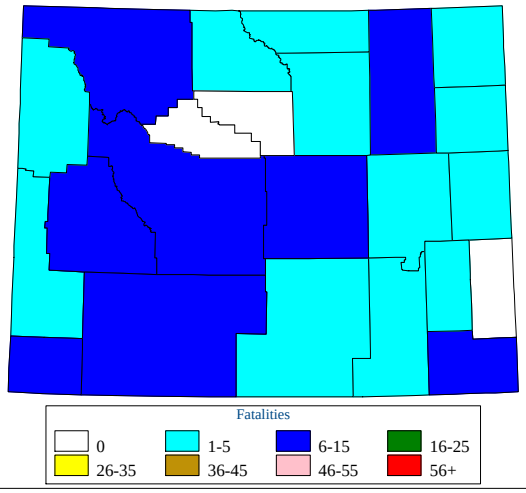
Fatalities in Crashes Involving an Alcohol-Impaired Driver (BAC = .08+)



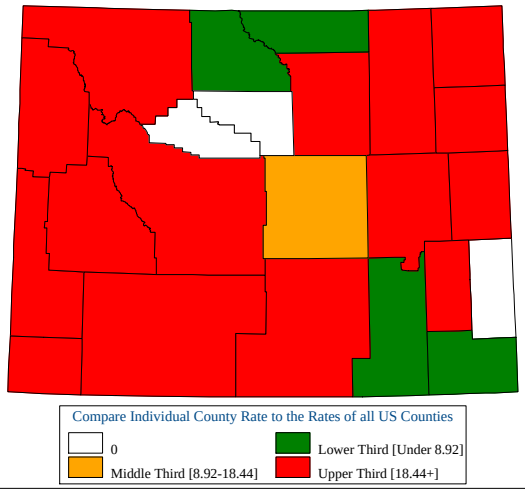
Fatalities in Crashes Involving an Alcohol-Impaired Driver (BAC = .08+) per 100,000 Population



Single Vehicle Crash Fatalities



Single Vehicle Crash Fatalities per 100,000 Population



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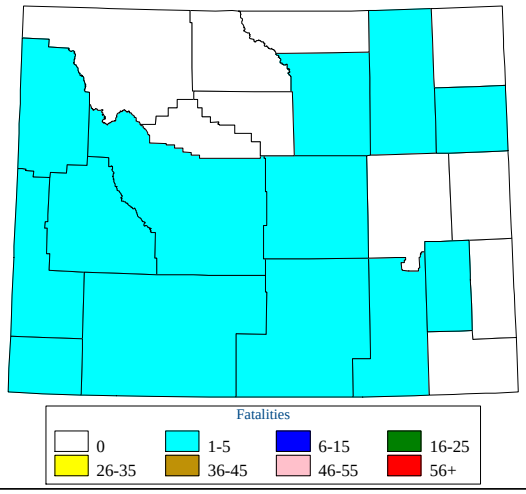
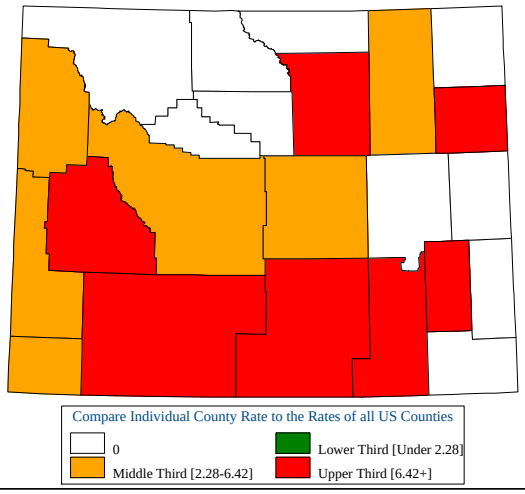
Wyoming Motor Vehicle Crash Fatality Maps for 2007

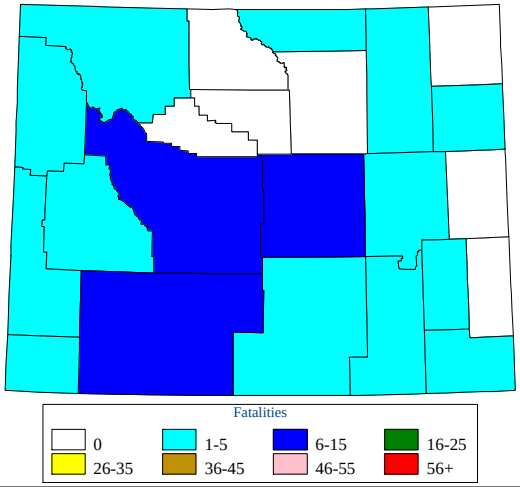
Fatalities in Crashes Involving a Large Truck



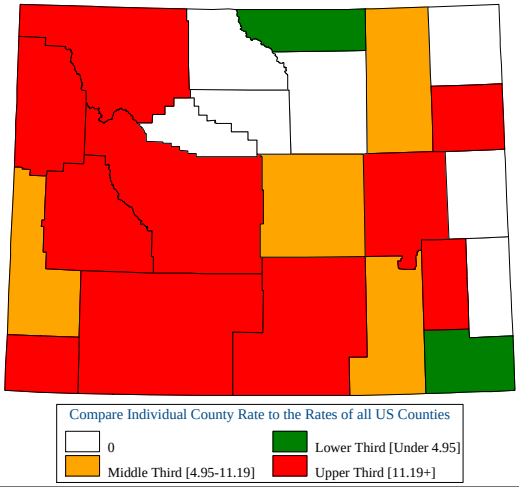
Fatalities in Crashes Involving a Large Truck per 100,000 Population



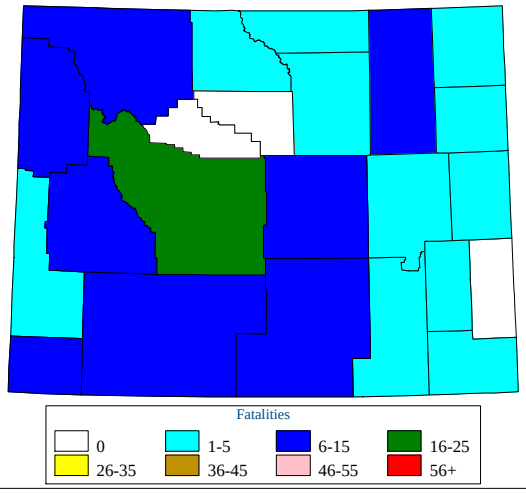
Fatalities in Crashes Involving Speeding



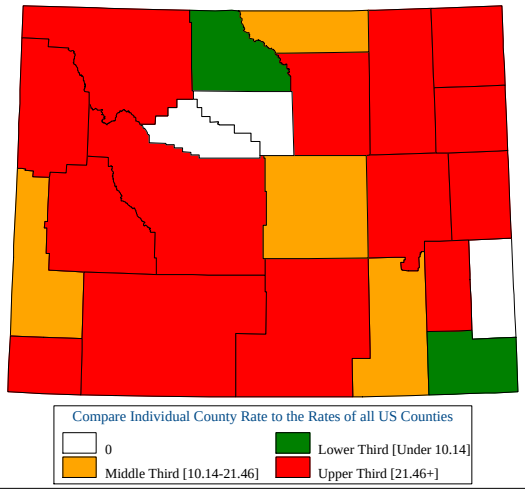
Fatalities in Crashes Involving Speeding per 100,000 Population



Fatalities in Crashes Involving a Roadway Departure



Fatalities in Crashes Involving a Roadway Departure per 100,000 Population



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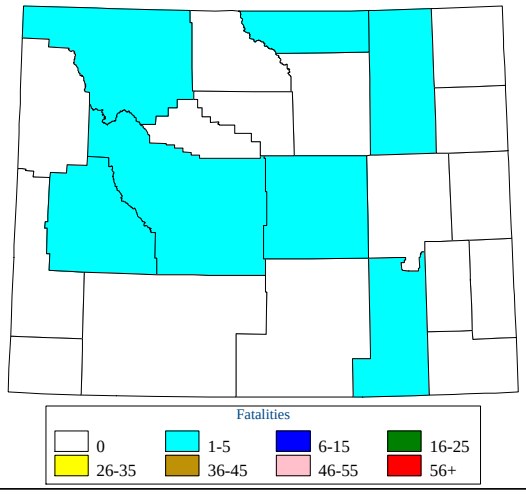
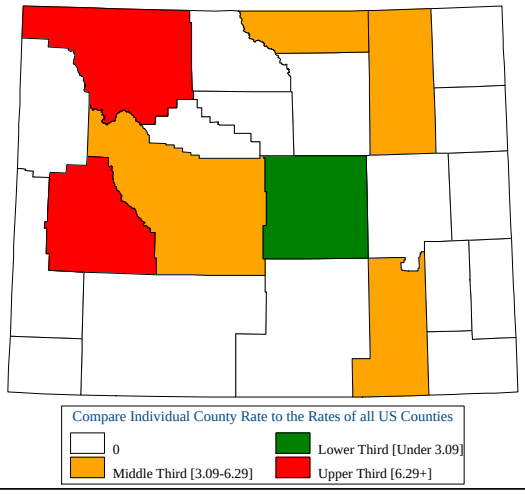
Wyoming Motor Vehicle Crash Fatality Maps for 2007

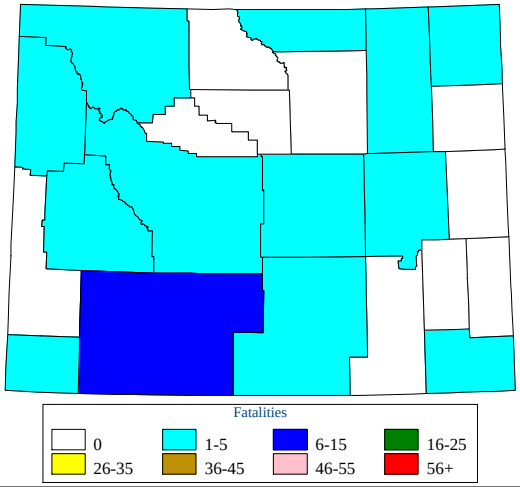
Fatalities in Crashes Involving an Intersection (or Intersection Related)



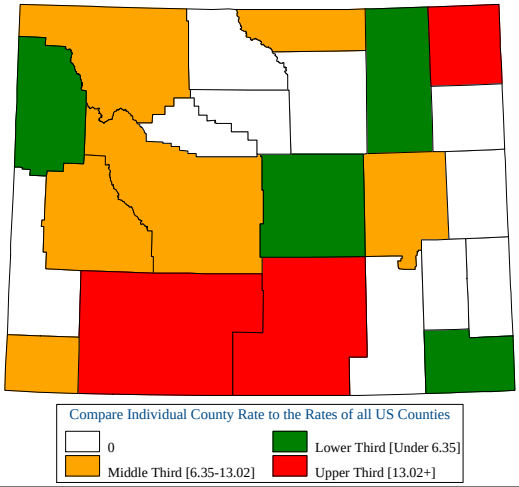
Fatalities in Crashes Involving an Intersection (or Intersection Related) per 100,000 Population



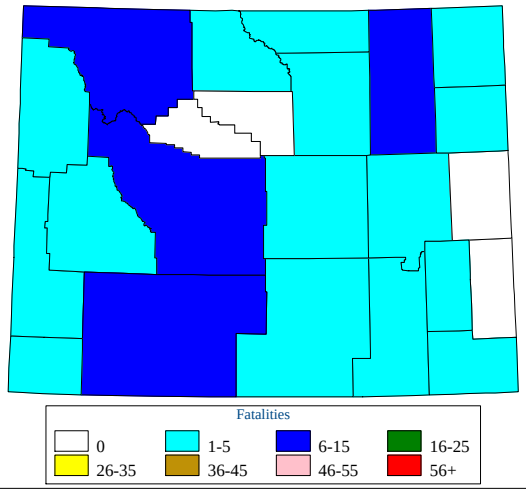
Passenger Car Occupant Fatalities



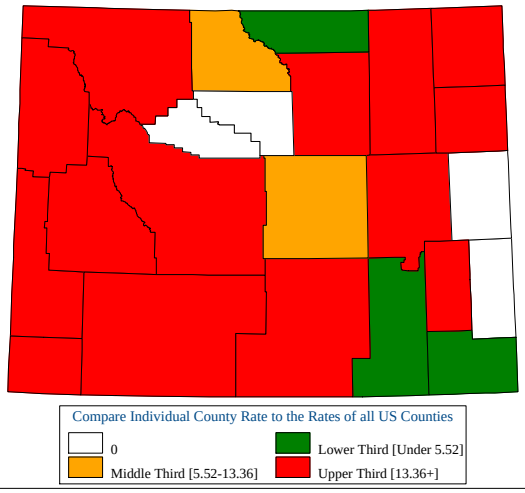
Passenger Car Occupant Fatalities per 100,000 Population



Light Truck and Van Occupant Fatalities



Light Truck and Van Occupant Fatalities per 100,000 Population



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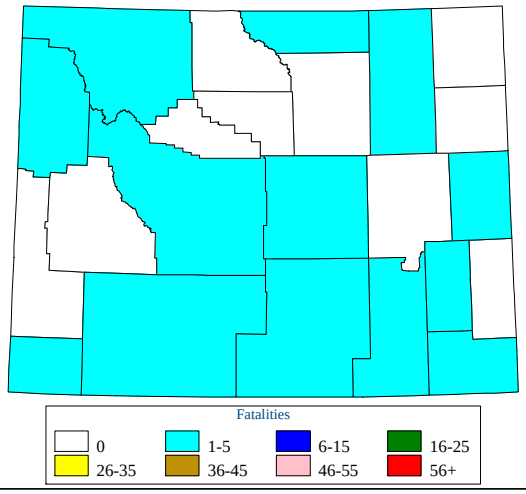
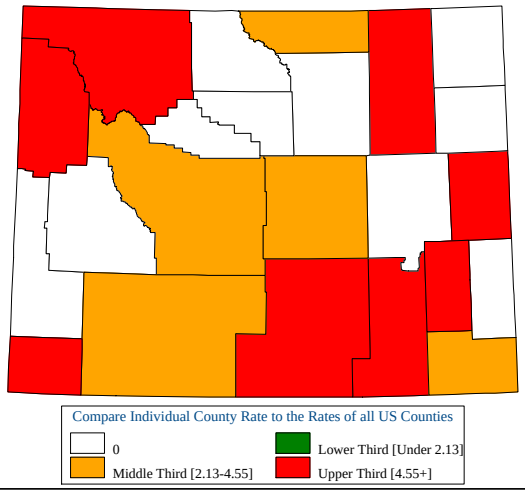
Wyoming Motor Vehicle Crash Fatality Maps for 2007

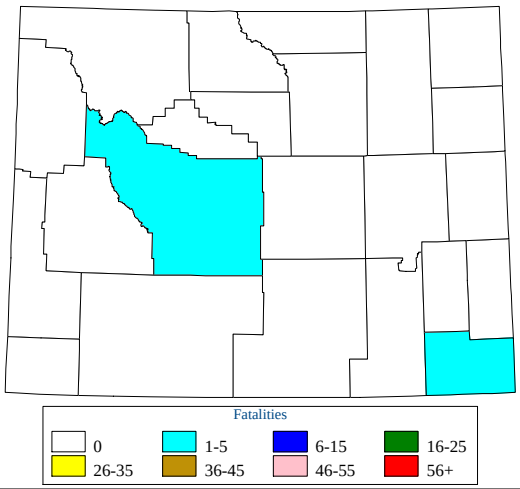
Motorcyclist Fatalities



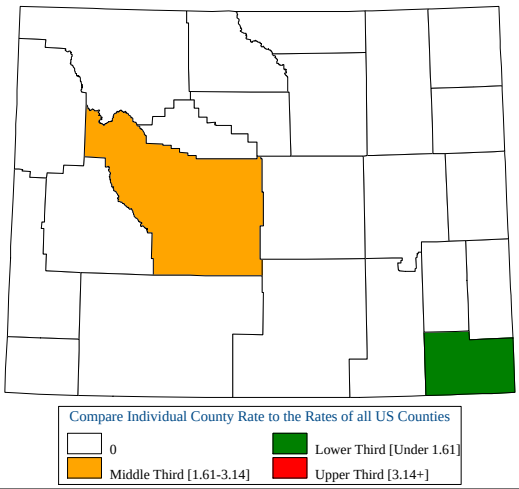
Motorcyclist Fatalities per 100,000 Population



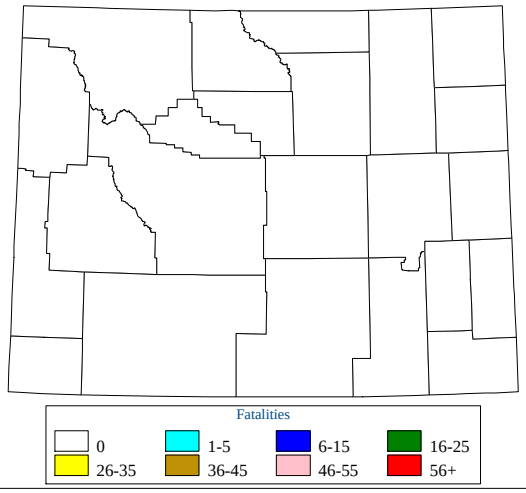
Pedestrian Fatalities



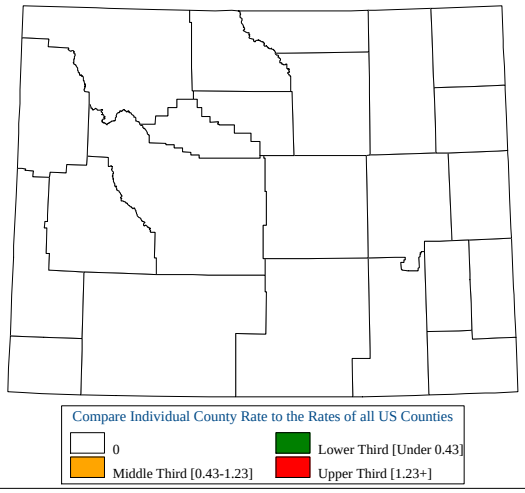
Pedestrian Fatalities per 100,000 Population



Pedalcyclist Fatalities



Pedalcyclist Fatalities per 100,000 Population



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