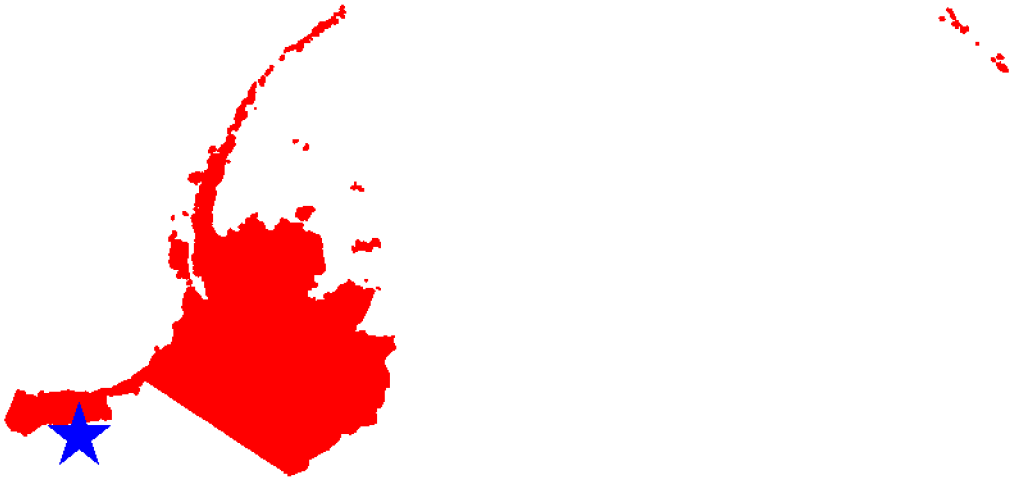
Traffic Safety Facts, Alaska , 2001



Traffic Safety Facts, Alaska , 2001

Fatality Rates: Alaska , U.S. and Best State, 2001

2001	Fatalities	Fatality Rate per 100M VMT	Fatality Rate per 100K Population
Alaska	89	1.89	14.1
US	42,196	1.51	14.8
Best State*		0.90	7.46

*Best Rates: Lowest Rates Attained Across All States

Fatalities in Motor Vehicle Traffic Crashes
Vehicle Miles Traveled (VMT) and Population
1997 - 2001

Crash Year	Total Fatalities	VMT (Millions)	Total Alcohol Related Fatalities (BAC=.01+)		High Alcohol Related Fatalities (BAC=.08+)		*Unrestrained Passenger Vehicle Fatalities	
			Number	Percent	Number	Percent	Number	Percent
1997	77	4,387	41	53	31	41	36	69
1998	70	4,514	31	44	28	40	29	55
1999	79	4,545	40	51	36	46	36	63
2000	106	4,613	56	53	52	49	46	60
2001	89	4,721	47	53	44	49	37	56

Crash Year	Motorcyclist Fatalities	Speeding Related Fatalities	16-20 Year Old Fatalities	Total Population	16-20 Year Old Population
1997	6	28	14	608,846	51,829
1998	5	24	13	615,205	54,016
1999	9	40	14	619,500	56,118
2000	6	49	25	627,500	48,187
2001	7	37	12	632,249	51,986

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

Traffic Safety Facts, Alaska , 2001

Trend of Fatalities, 1997 - 2001

		1997	1998	1999	2000	2001
Fatality Counts	**Total Fatalities**	77	70	79	106	89
	Alcohol-Related	41	31	40	56	47
	Single Vehicle	45	43	46	66	40
	Non-Junction	56	58	62	90	69
	Intersection	15	11	17	13	14
	Intersection-Related	4	1	0	1	3
	Speeding Involved	28	24	40	49	37
	Pedestrians	10	7	8	10	7
	Pedalcyclists	1	3	2	4	1
	Large Truck Involved	7	2	5	4	10
	Roadway Departure	45	47	45	70	56
	Passenger Car Occupants	26	26	30	29	33
	Light Truck/Van Occupants	26	27	26	47	33
	Other/Unknown Occpants (not including Motorcycles)	8	2	4	9	8
	Total Occupants (not including Motorcycles)	60	55	60	85	74
	Motorcycle Riders	6	5	9	6	7

Traffic Safety Facts, Alaska , 2001

Economic Impact of Motor Vehicle Traffic Crashes, 2000

	Overall	In Speeding-Related Crashes
Alaska	$0.475 Billion	$0.087 Billion
U.S.A	$230.568 Billion	$40.390 Billion

2000 is the Most Recent Year for Which Data is Available

Available Highway Safety Program Funds

	FY 2001	FY 2002
Section 154 Open Container Transfer	$2,238,130	$2,309,752
Section 157 Seat Belt Use Incentive	$32,900	$6,000
Section 157 Seat Belt Use Innovative	$744,740	$365,250
Section 163 .08 BAC	$667,927	$728,215
Section 164 Repeat Offender Transfer	$2,238,130	$2,309,753
Section 2003b Child OP Ed	$37,875	$37,954
Section 402 Formula	$734,545	$760,000
Section 405 Occupant Protection	$98,866	$104,725
Section 410 Impaired Driving	$0	$0
Section 411 Data	$225,000	$224,151
Total	$7,018,113	$6,845,800

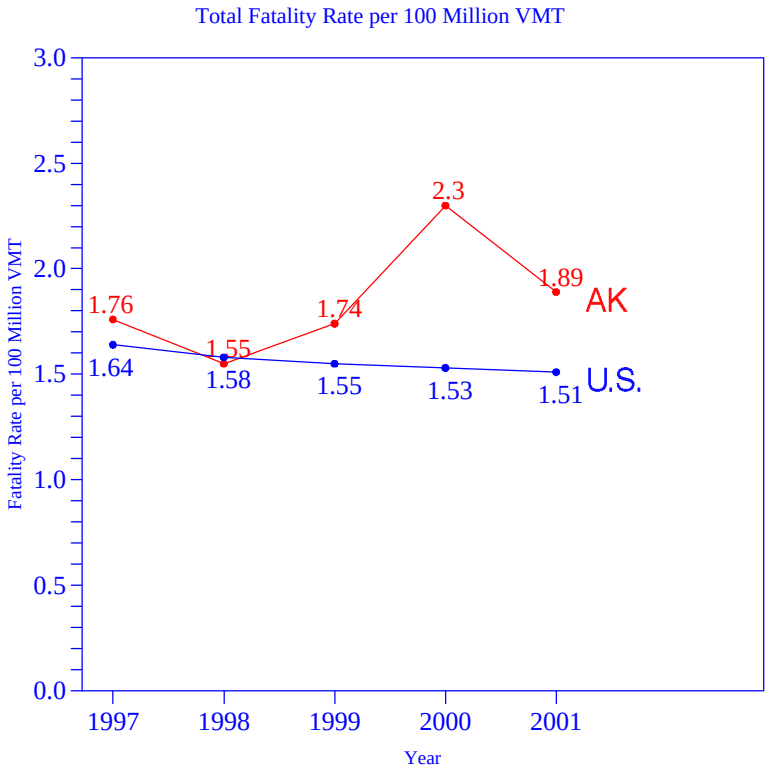
Fatalities in Alcohol Related Crashes, 2001

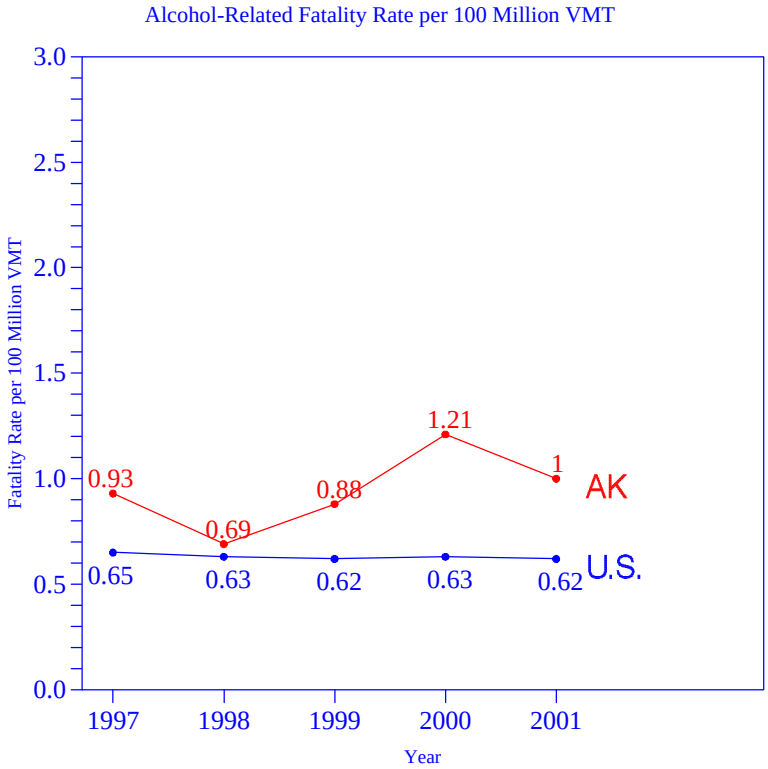
2001	Alcohol-Related (Number)	Alcohol-Related (%)	Rate per 100M VMT	Fatalities where Highest BAC in Crash was .08+	Percentage where Highest BAC in Crash was .08+
Alaska	47	53%	1.00	44	49%
US	17,400	41%	0.62	14,858	35%
Best State*		24%	0.30		19%

*State with Lowest Alcohol-Related Fatality Rate.

Traffic Safety Facts, Alaska , 2001

Trend Charts of Total and Alcohol-Related Fatality Rates per 100 Million VMT

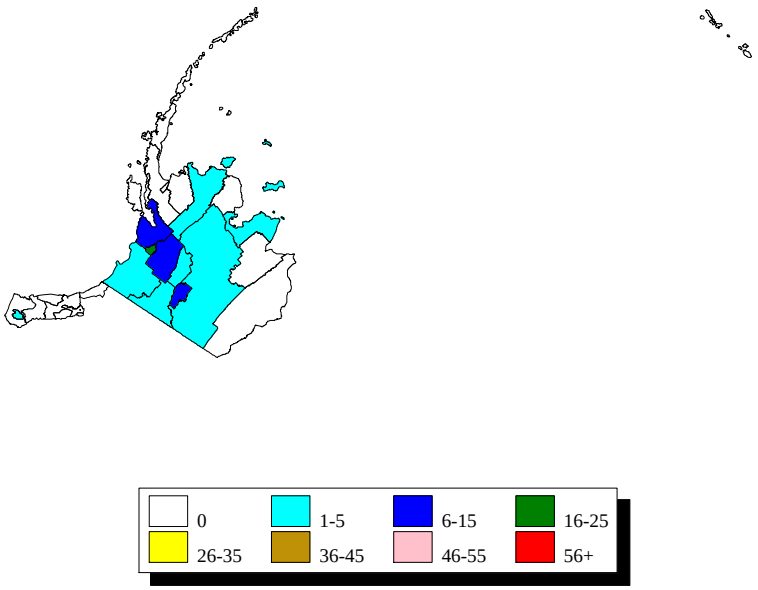




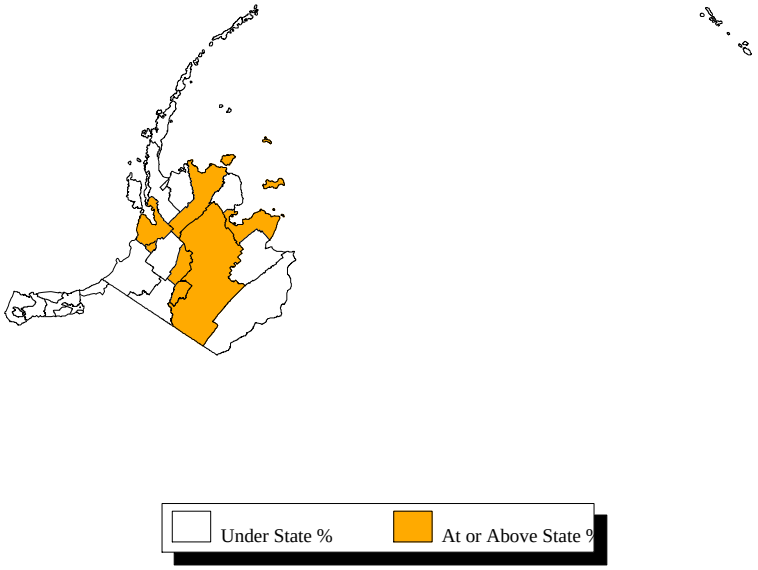
Traffic Safety Facts, Alaska , 2001

State-County Maps of Alcohol-Related Fatalities

Alcohol-Related Fatalities, by County, Alaska, 2001



Alcohol-Related Fatalities as a Percent of all Fatalities, by County, Alaska, 2001
State % = 53.26%



Traffic Safety Facts, Alaska , 2001

Top 10 Counties for Fatalities/Fatality Rates

Rank by Number of Fatalities

Rank	County	Fatalities	Rate per 100,000 Population
1	Anchorage Borough	28	10.62
2	Matanuska-Susitna	18	28.94
3	Kenai Peninsula Borough	14	27.91
4	Fairbanks North Star	9	10.74
5	Southeast Fairbanks	5	87.83
6	Yukon-Koyukuk Census	3	47.43
7	Bethel Census Area	2	12.28
8	Ketchikan Gateway	2	14.48
9	Kodiak Island Borough	2	14.55
10	Valdez-Cordova Census	2	19.78

Rank by Rate of Fatalities

Median Rate for all U.S. Counties : 22.6

Rank	County	Fatalities	Rate per 100,000 Population
1	Southeast Fairbanks	5	87.83
2	Denali Borough	1	54.29
3	Yukon-Koyukuk Census	3	47.43
4	Matanuska-Susitna	18	28.94
5	Kenai Peninsula Borough	14	27.91
6	Valdez-Cordova Census	2	19.78
7	Wrangell-Petersburg	1	15.09
8	Kodiak Island Borough	2	14.55
9	Ketchikan Gateway	2	14.48
10	Bethel Census Area	2	12.28

Top 10 Counties for Alcohol-Related Fatalities/Fatality Rates

Rank by Number of Alcohol-Related Fatalities

Rank	County	Fatalities	Rate per 100,000 Population
1	Anchorage Borough	18	6.83
2	Kenai Peninsula Borough	9	17.94
3	Matanuska-Susitna	7	11.25
4	Fairbanks North Star	6	7.16
5	Bethel Census Area	2	12.28
6	Yukon-Koyukuk Census	2	31.62
7	Denali Borough	1	54.29
8	Ketchikan Gateway	1	7.24
9	Nome Census Area	1	10.92
10	Southeast Fairbanks	1	17.57

Rank by Rate of Alcohol-Related Fatalities

Median Rate for all U.S. Counties : 7.73

Rank	County	Fatalities	Rate per 100,000 Population
1	Denali Borough	1	54.29
2	Yukon-Koyukuk Census	2	31.62
3	Kenai Peninsula Borough	9	17.94
4	Southeast Fairbanks	1	17.57
5	Bethel Census Area	2	12.28
6	Matanuska-Susitna	7	11.25
7	Nome Census Area	1	10.92
8	Valdez-Cordova Census	1	9.89
9	Ketchikan Gateway	1	7.24
10	Fairbanks North Star	6	7.16

Traffic Safety Facts, Alaska , 2001

Top 10 Counties for Motorcyclist Fatalities/Fatality Rates

Rank by Number of Motorcyclist Fatalities

Rank	County	Fatalities	Rate per 100,000 Population
1	Anchorage Borough	3	1.14
2	Fairbanks North Star	2	2.39
3	Kenai Peninsula Borough	1	1.99
4	Wrangell-Petersburg	1	15.09

Rank by Rate of Motorcyclist Fatalities

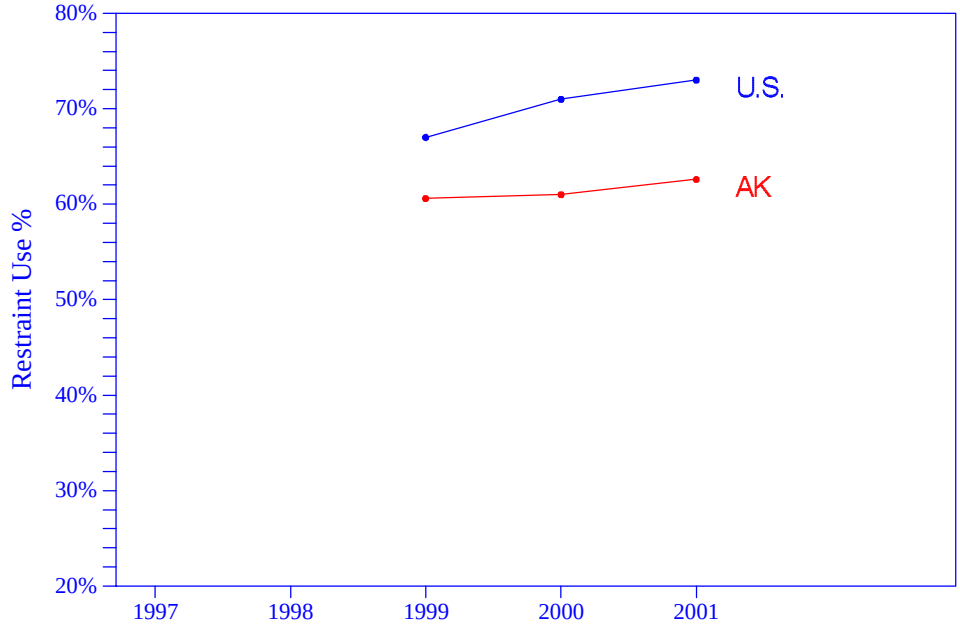
Median Rate for all U.S. Counties : 2.31

Rank	County	Fatalities	Rate per 100,000 Population
1	Wrangell-Petersburg	1	15.09
2	Fairbanks North Star	2	2.39
3	Kenai Peninsula Borough	1	1.99
4	Anchorage Borough	3	1.14

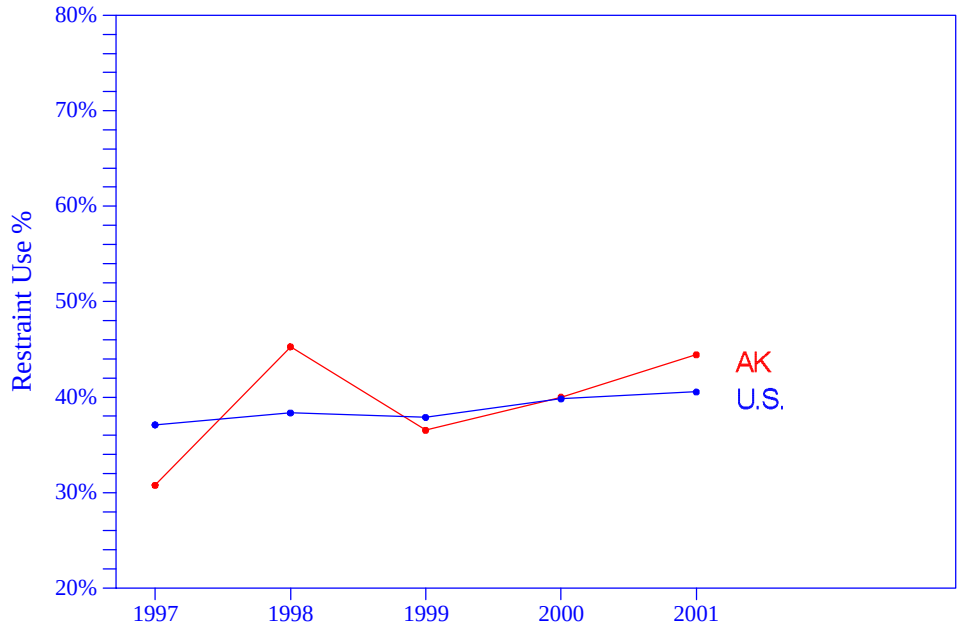
Traffic Safety Facts, Alaska , 2001

Trends of Restraint Use: Observed and Among Fatally Injured Passenger Vehicle Occupants

Observed Restraint Use Percent: Alaska and U.S.



Percent Restraint Use Among Fatally Injured Passenger Vehicle Occupants: Alaska and U.S.



Traffic Safety Facts, Alaska , 2001

Percent Belt-Use Rates Observed Overall and Among Fatally Injured Passenger Vehicle Occupants

Belt Use Rates: Alaska , U.S. and Best State, 2001

	2001	
	*Observed Restraint Use %	Passenger Vehicle Occupant Fatality Restraint Use %
Alaska	63%	44%
USA	73%	41%
Best State	91%	60%

*NCSA National Occupant Protection Use Survey (NOPUS), Alaska (State Survey)

Passenger Vehicle Occupant Deaths (age 5+)

Restraint Use (Safety Belts & Child Seats)	Total	Restrained	Unrestrained	Unknown	Current Lives Saved	Additional Savable at 100%
Alaska	64	27	34	3	37	23

Passenger Vehicle Occupant Deaths (age <5)

Child Restraints (Includes Child Seats and Belts)	Total	Restrained	Unrestrained	Unknown	Current Lives Saved	Additional Savable at 100%
Alaska	2	1	1	0	1	2

Motorcycle Rider Deaths

	Total	Helmeted	Unhelmeted	Unknown	Current Lives Saved	Additional Savable at 100%
Alaska	7	0	7	0	0	2

Traffic Safety Facts, Alaska , 2001

Speeding-Related Fatalities and Other Statistics of Interest

Speeding Related, 2001

2001	Number of Fatalities in Crashes Involving Speeding	Percent of Fatalities That Are Speeding Related
Alaska	37	42%
US	12,924	31%
Best State*		10%

*Best Rate: Lowest Rate Attained Across All States

Other Statistics of Interest

	Fatalities in Alaska	Percent of Total Fatalities in Alaska	Fatalities in US	Percent of Total Fatalities in US
Intersection Fatalities	14	16%	7,769	18%
Pedestrian Fatalities	7	8%	4,901	12%
Pedalcyclists	1	1%	732	2%
Fatalities in Crashes Involving Large Trucks	10	11%	5,111	12%
*Roadway Departure Fatalities	56	63%	23,205	55%
Passenger Cars	33	37%	20,320	48%
Light Trucks and Vans	33	37%	11,723	28%
**Other/Unknown	8	9%	1,200	3%
Total Occupants	74	83%	33,243	79%
Motorcycle Riders	7	8%	3,197	8%
***Total Nonmotorists	8	9%	5,756	14%
Total Fatalities	89		42,196	

*Fatalities based on FHWA Definition

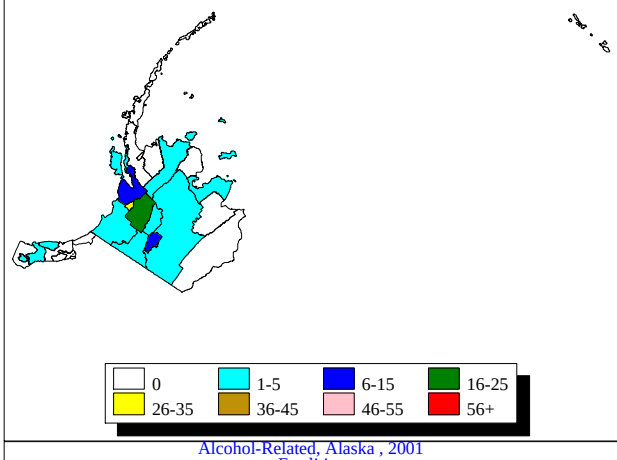
**Includes Occupants of Large Trucks, Buses and Unknown Vehicle Types

***Includes Pedestrians, Pedalcyclists and Other Non-Motorists

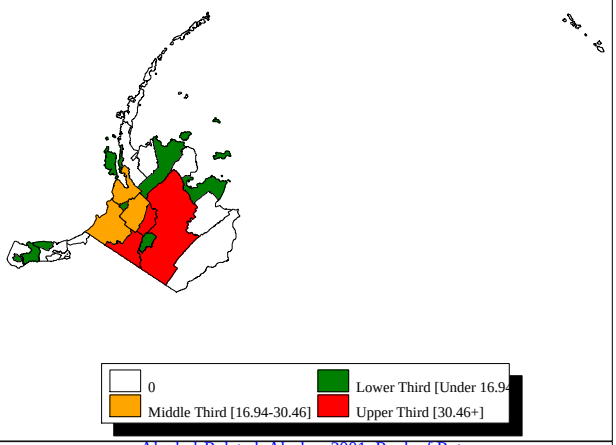
Traffic Safety Facts, Alaska , 2001

Assorted State-County Maps

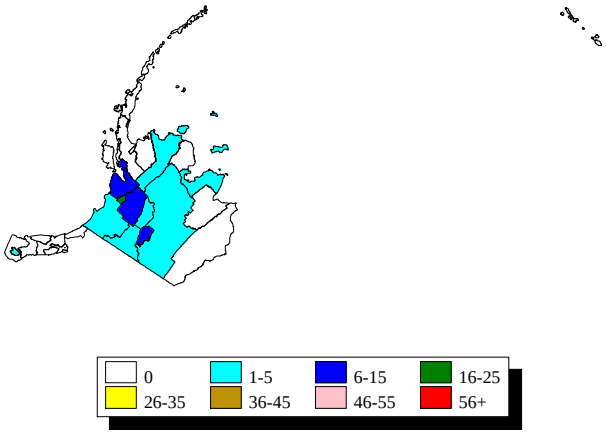
Total Fatalities, Alaska , 2001
Fatalities



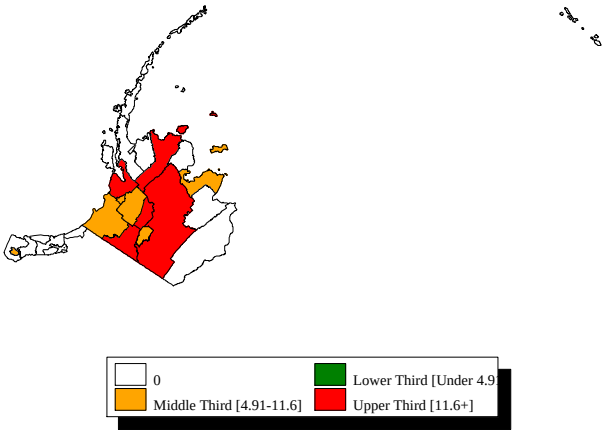
Total Fatalities, Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



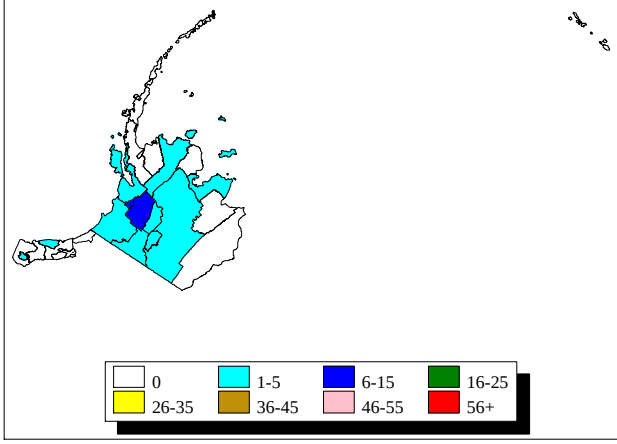
Alcohol-Related, Alaska , 2001
Fatalities



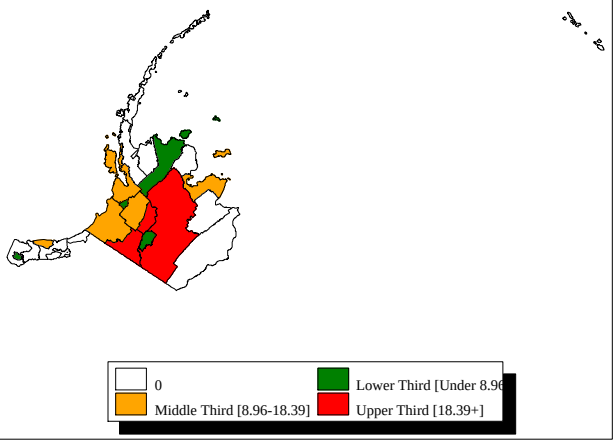
Alcohol-Related, Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



Single Vehicle Crashes, Alaska , 2001
Fatalities



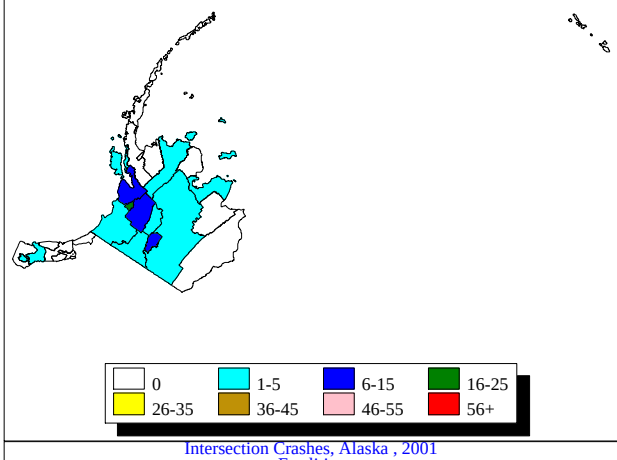
Single Vehicle Crashes, Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



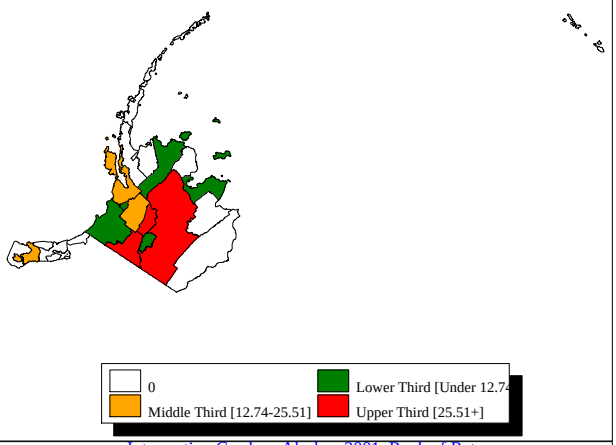
Traffic Safety Facts, Alaska , 2001

Assorted State-County Maps

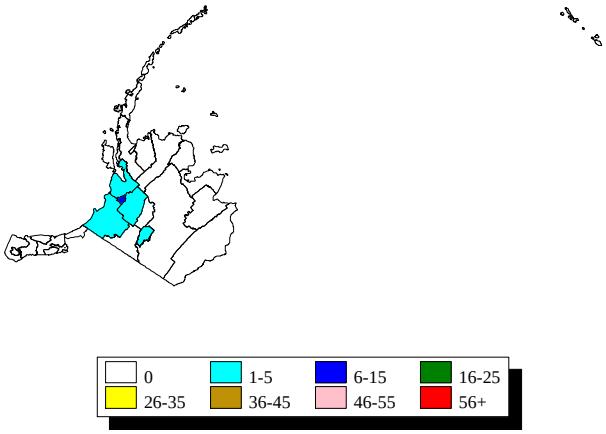
Non-Junction Crashes, Alaska , 2001
Fatalities



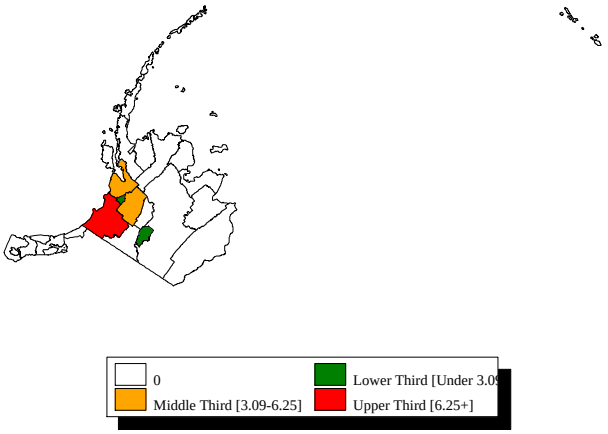
Non-Junction Crashes, Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



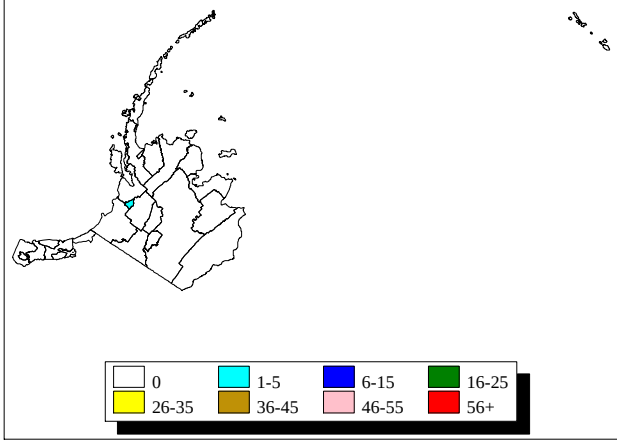
Intersection Crashes, Alaska , 2001
Fatalities



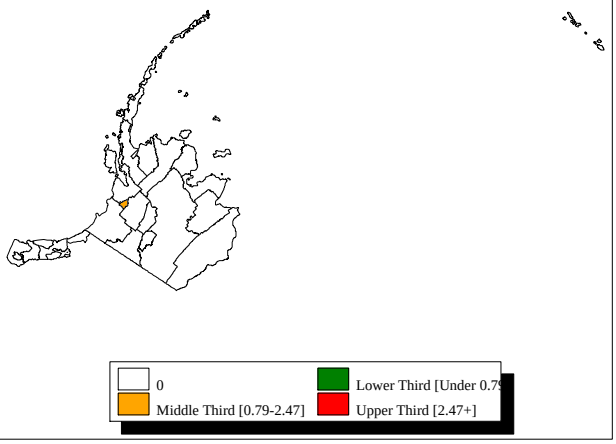
Intersection Crashes, Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



Intersection-Related Crashes, Alaska , 2001
Fatalities



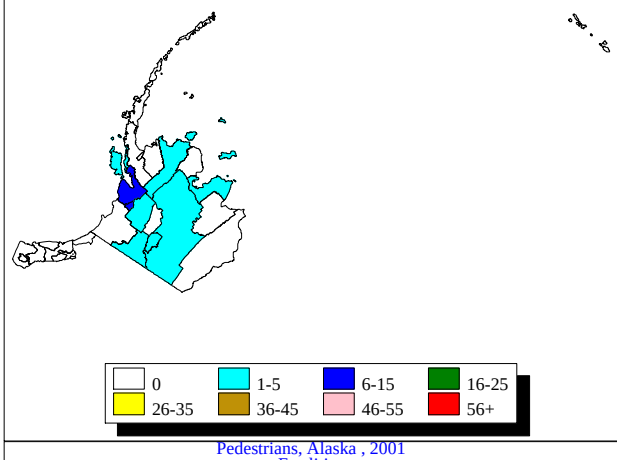
Intersection-Related Crashes, Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



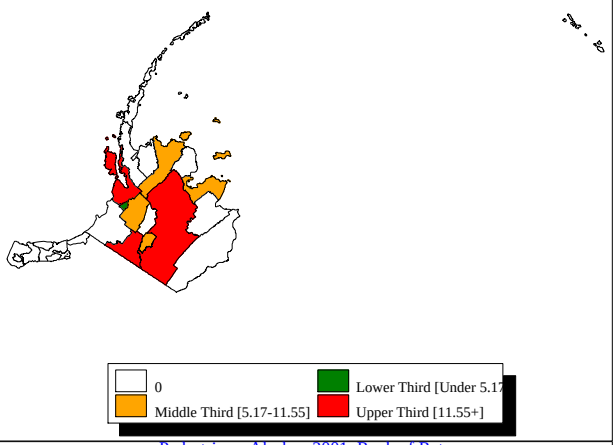
Traffic Safety Facts, Alaska , 2001

Assorted State-County Maps

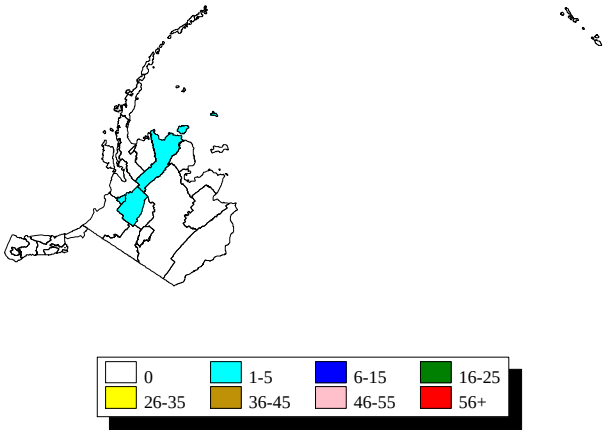
Speeding Involved Crashes, Alaska , 2001
Fatalities



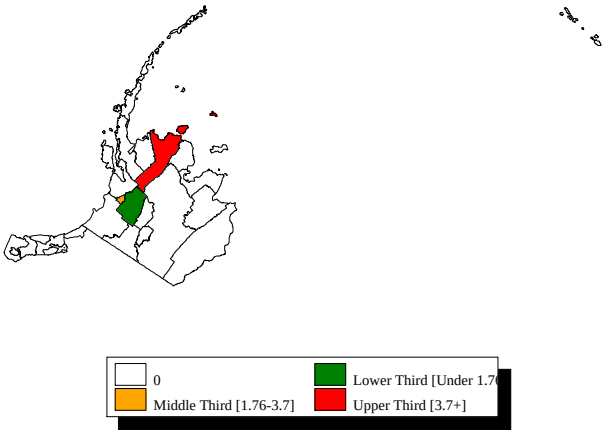
Speeding Involved Crashes, Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



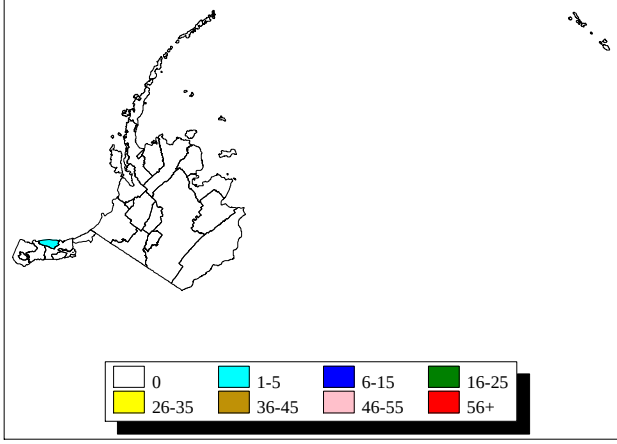
Pedestrians, Alaska , 2001
Fatalities



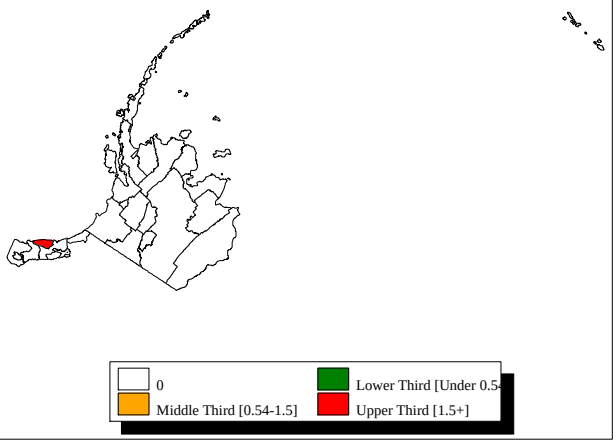
Pedestrians, Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



Pedalcyclists, Alaska , 2001
Fatalities



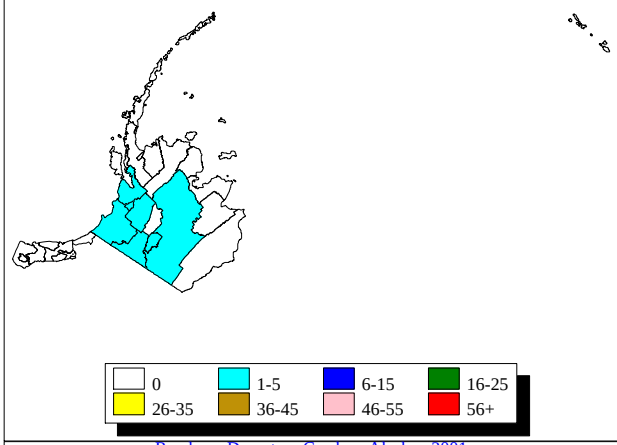
Pedalcyclists, Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



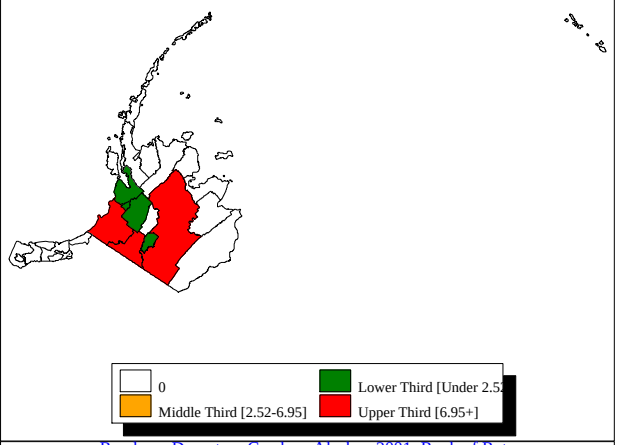
Traffic Safety Facts, Alaska , 2001

Assorted State-County Maps

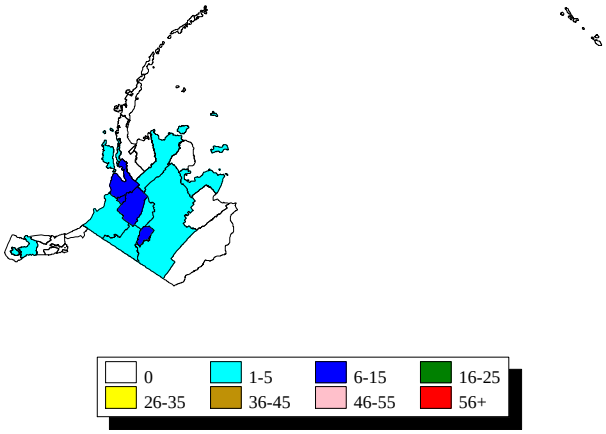
Large Truck Involved Crashes, Alaska , 2001
Fatalities



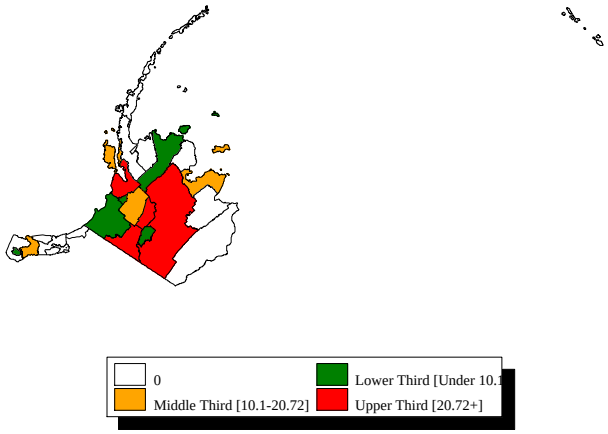
Large Truck Involved Crashes, Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



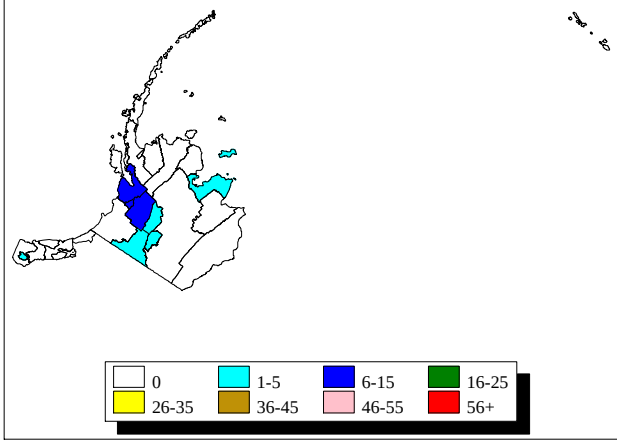
Roadway Departure Crashes, Alaska , 2001
Fatalities



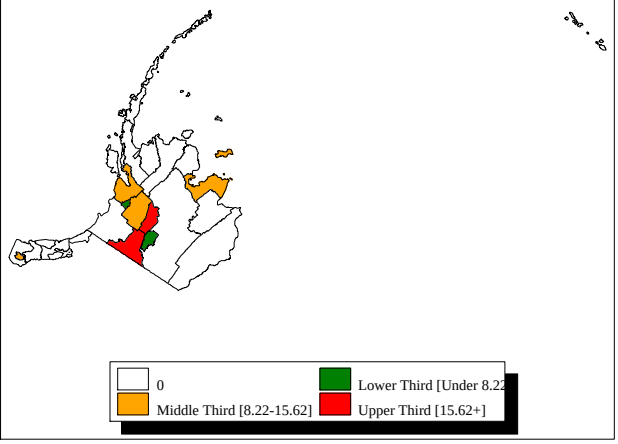
Roadway Departure Crashes, Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



Passenger Car Occupants, Alaska , 2001
Fatalities



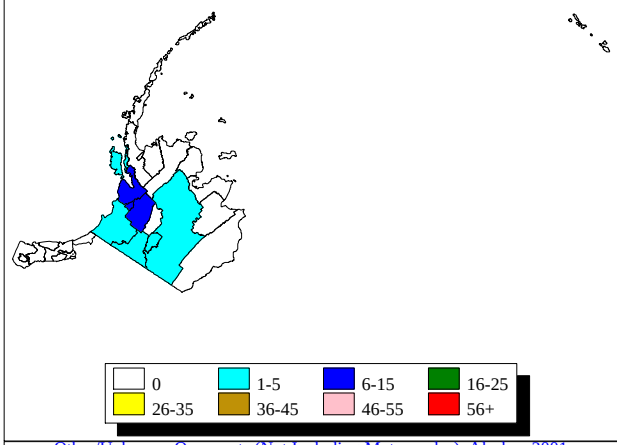
Passenger Car Occupants, Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



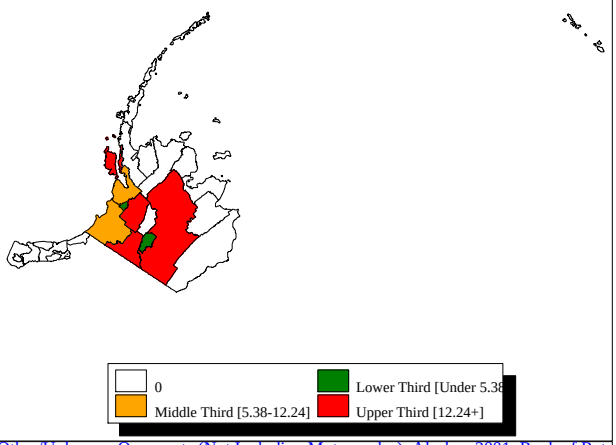
Traffic Safety Facts, Alaska , 2001

Assorted State-County Maps

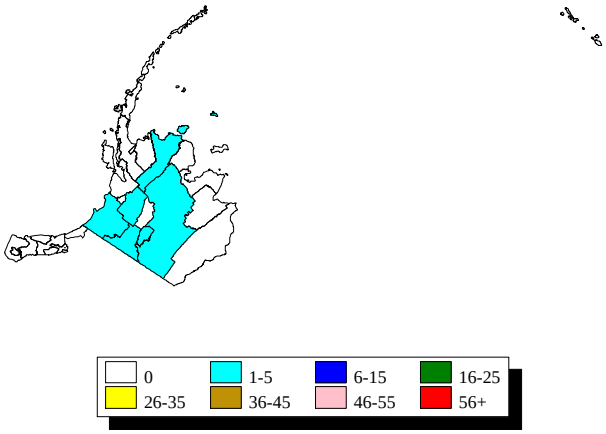
Light Truck/Van Occupants, Alaska , 2001
Fatalities



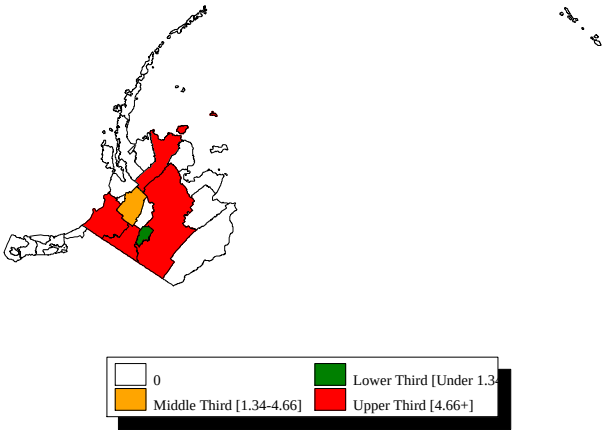
Light Truck/Van Occupants, Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



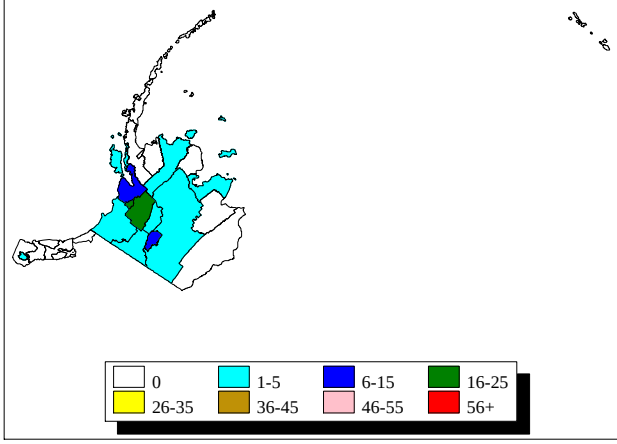
Other/Unknown Occupants (Not Including Motorcycles), Alaska , 2001
Fatalities



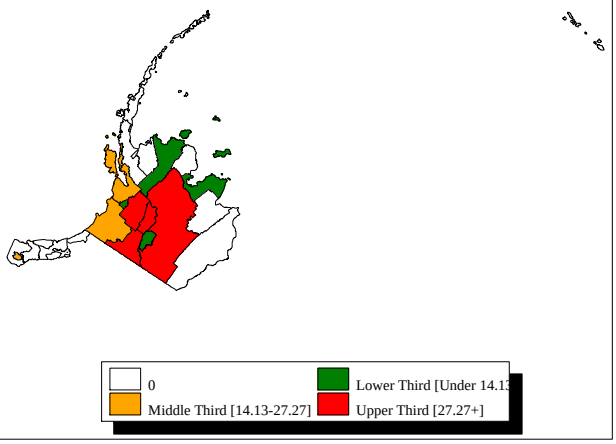
Other/Unknown Occupants (Not Including Motorcycles), Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



Total Occupants (Not Including Motorcyclists), Alaska , 2001
Fatalities



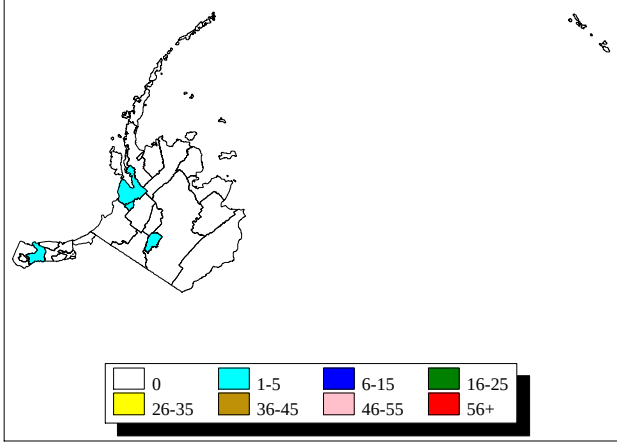
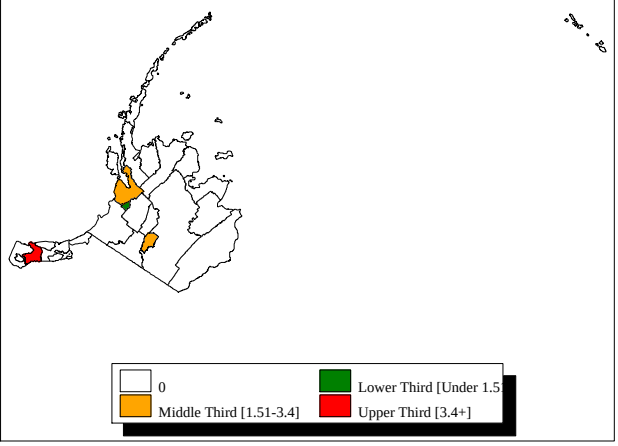
Total Occupants (Not Including Motorcyclists), Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.



Traffic Safety Facts, Alaska , 2001

Assorted State-County Maps

Motorcycle Riders, Alaska , 2001
Fatalities



Motorcycle Riders, Alaska , 2001, Rank of Rate
per 100,000 Population as Compared to Rates for all Counties in the U.S.