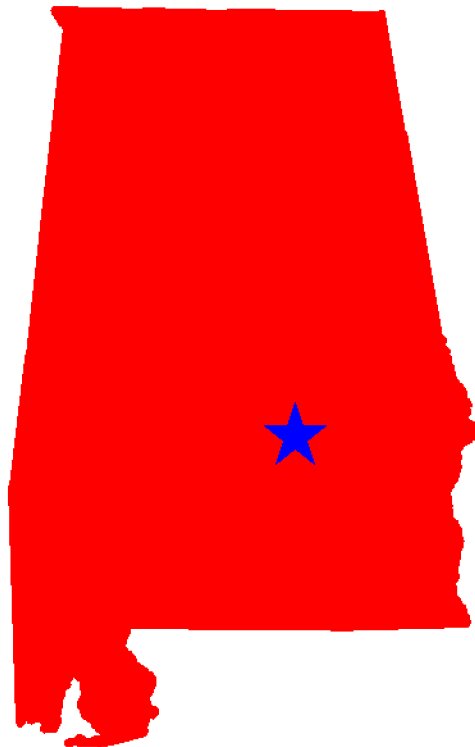




Traffic Safety Facts Alabama 2006-2010



This Report Contains Data From the Following Sources:

- Fatality Data - NCSA Fatality Analysis Reporting System (FARS): 2006-2009 Final File and 2010 Annual Report File (ARF)
- Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Alabama 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 Alabama

Core Outcome Measures		Year				
		2006	2007	2008	2009	2010
Traffic Fatalities	Total	1,207	1,110	969	848	862
	Rural	794	726	608	512	527
	Urban	408	380	359	335	327
	Unknown	5	4	2	1	8
Fatalities Per 100 Million Vehicle Miles Driven	Total	1.99	1.81	1.63	1.38	1.34
	Rural	2.69	2.44	2.10	1.69	1.72
	Urban	1.31	1.20	1.18	1.08	0.97
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	973	905	751	661	689
	Restrained	369	334	271	263	270
	Unrestrained	568	538	452	378	394
	Unknown	36	33	28	20	25
Alcohol-Impaired Driving Fatalities (BAC=.08+)**		377	377	314	267	279
Speeding-Related Fatalities		568	497	447	327	316
Motorcyclist Fatalities	Total	105	85	100	76	86
	Helmeted	95	77	85	69	80
	Unhelmeted	10	8	15	7	5
	Unknown	0	0	0	0	1
Drivers Involved in Fatal Crashes	Total	1,583	1,470	1,289	1,137	1,161
	Aged Under 15	3	4	1	4	1
	Aged 15-20	227	190	162	136	139
	Aged Under 21	230	194	163	140	140
	Aged 21 and Over	1,337	1,261	1,115	986	1,014
	Unknown Age	16	15	11	11	7
Pedestrian Fatalities		78	69	68	64	61

*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)

**Based on the BAC of All Involved Drivers and Motorcycle Riders (Operators) Only

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Fatality Rates: Alabama , 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
2006	Alabama	1,207	60,668	1.99	4,628,981	26.07
	US	42,708	3,014,371	1.42	298,379,912	14.31
	Best State*			0.78		6.48
2007	Alabama	1,110	61,410	1.81	4,672,840	23.75
	US	41,259	3,031,124	1.36	301,231,207	13.70
	Best State*			0.79		6.53
2008	Alabama	969	59,303	1.63	4,718,206	20.54
	US	37,423	2,976,528	1.26	304,093,966	12.31
	Best State*			0.67		5.63
2009	Alabama	848	61,300	1.38	4,757,938	17.82
	US	33,883	2,956,764	1.15	306,771,529	11.05
	Best State*			0.62		4.90
2010	Alabama	862	64,163	1.34	4,785,298	18.01
	US	32,885	2,966,506	1.11	309,349,689	10.63
	Best State*			0.58		3.97

*State (or States) With Lowest Rates: Lowest VMT and Population Rates Could Be in Different States

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Fatalities By The Highest Blood Alcohol Concentration (BAC) in the Crash**:
Alabama , 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	Per 100 Million VMT	Number	Percent	Per 100 Million VMT
2006	Alabama	1,207	477	40	0.79	409	34	0.67
	US	42,708	17,738	42	0.59	15,144	35	0.50
	Best State*			24	0.26		20	0.22
2007	Alabama	1,110	466	42	0.76	400	36	0.65
	US	41,259	17,158	42	0.57	14,603	35	0.48
	Best State*			24	0.27		21	0.23
2008	Alabama	969	399	41	0.67	344	36	0.58
	US	37,423	15,449	41	0.52	13,258	35	0.45
	Best State*			21	0.21		16	0.16
2009	Alabama	848	346	41	0.56	292	34	0.48
	US	33,883	14,179	42	0.48	12,149	36	0.41
	Best State*			25	0.24		18	0.17
2010	Alabama	862	334	39	0.52	298	35	0.46
	US	32,885	13,364	41	0.45	11,560	35	0.39
	Best State*			23	0.21		21	0.18

*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

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Alcohol-Impaired Driving Fatalities**:
Alabama , U.S. and Best State
(New Definition)

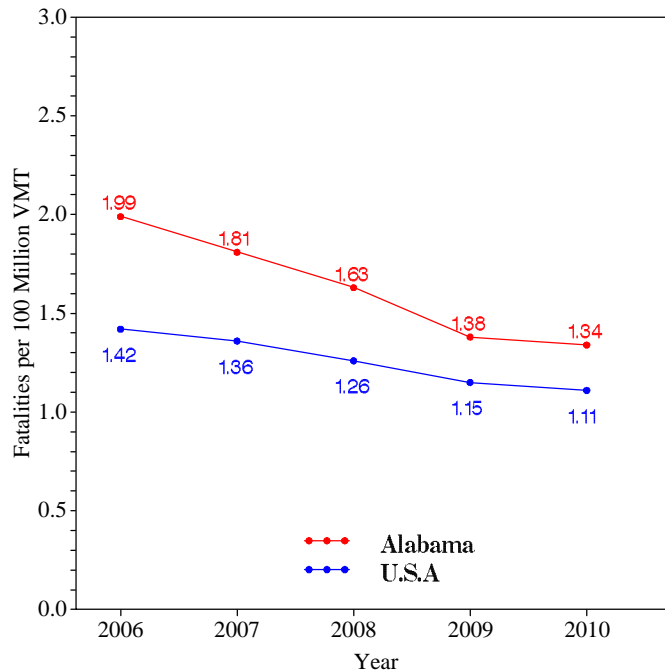
Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)		
			Number	Percent	Per 100 Million VMT
2006	Alabama	1,207	377	31	0.62
	US	42,708	13,491	32	0.45
	Best State*			18	0.20
2007	Alabama	1,110	377	34	0.61
	US	41,259	13,041	32	0.43
	Best State*			19	0.21
2008	Alabama	969	314	32	0.53
	US	37,423	11,711	31	0.39
	Best State*			16	0.16
2009	Alabama	848	267	31	0.44
	US	33,883	10,759	32	0.36
	Best State*			17	0.16
2010	Alabama	862	279	32	0.43
	US	32,885	10,228	31	0.34
	Best State*			19	0.14

*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

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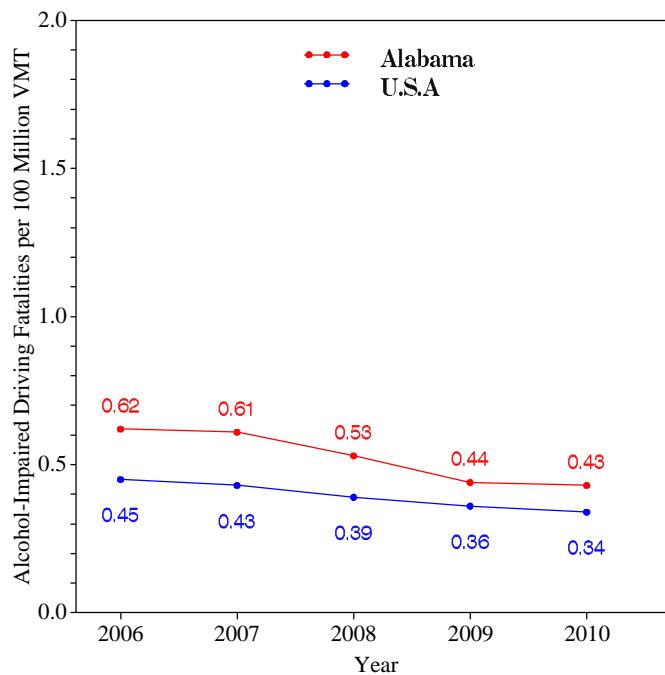


Fatalities per 100 Million VMT



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Alcohol-Impaired Driving Fatalities per 100 Million VMT



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**Blood Alcohol Concentration (BAC) Reporting Rates
For Drivers/Motorcycle Riders (Operators)
Involved in Fatal Crashes:
Alabama , 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
2006	Alabama	742	114	15	841	344	41	1,583	458	29
	US	30,498	7,482	25	27,348	18,911	69	57,846	26,393	46
	Best State*			81			99			85
2007	Alabama	695	89	13	775	460	59	1,470	549	37
	US	29,449	7,631	26	26,570	19,434	73	56,019	27,065	48
	Best State*			82			100			84
2008	Alabama	587	86	15	702	449	64	1,289	535	42
	US	26,162	7,656	29	24,254	18,415	76	50,416	26,071	52
	Best State*			81			99			85
2009	Alabama	527	127	24	610	397	65	1,137	524	46
	US	23,502	7,188	31	21,835	16,753	77	45,337	23,941	53
	Best State*			86			100			90
2010	Alabama	542	97	18	619	100	16	1,161	197	17
	US	23,424	6,955	30	21,016	14,872	71	44,440	21,827	49
	Best State*			88			93			87

*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 Alabama , U.S. and Best State

Table with columns: Year, Alabama, US, Best State*, Fatalities - Restrained**, Observed - Restrained***. Rows for years 2006-2010.

*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

**Percent Based Only Where Restraint Use Was Known

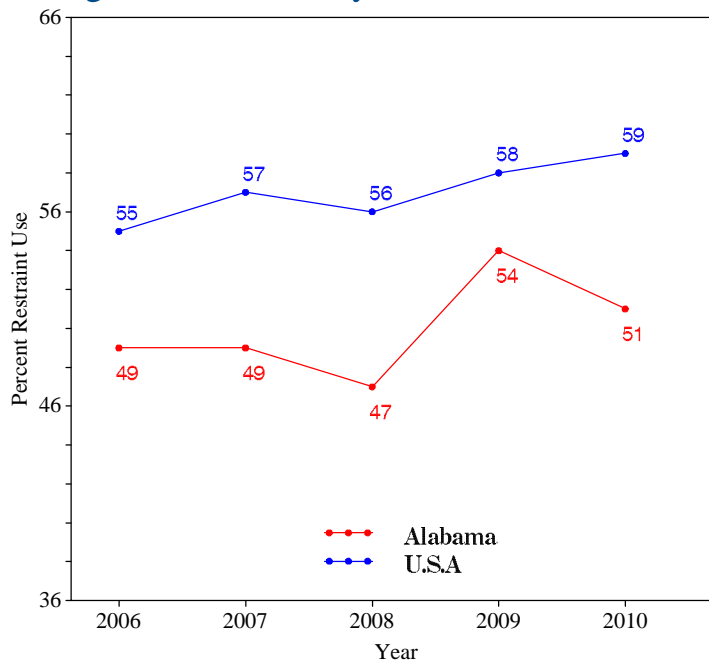
***USA Data: National Occupant Protection Use Survey. Alabama Data: State Survey

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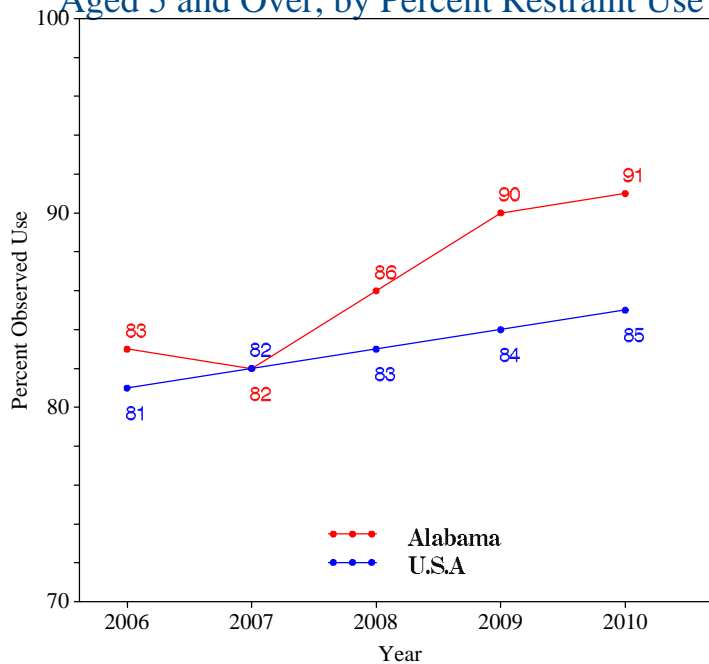
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use*



*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. Alabama Data: State Survey

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Passenger Vehicle Occupant Fatalities Age 5 and Above by Restraint Use and Lives Saved Estimates

Year	Fatalities Age 5 and Above					Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Unknown Restraint Use	Percent Known Restrained*	Lives Saved at Current Belt Use	Additional Lives Savable at 100% Belt Usage
2006	959	362	561	36	39	452	185
2007	897	331	533	33	38	400	188
2008	740	265	447	28	37	325	117
2009	646	252	375	19	40	307	82
2010	676	260	393	23	40	317	78

*Percent Based Only Where Restraint Use Was Known

**Lives Saved Estimates (Sum of columns may not equal other published numbers due to rounding)

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Passenger Vehicle Occupant Fatalities Age 4 and Under by Restraint Use and Lives Saved Estimates

Year	Fatalities Age 4 and Under					Lives Saved Estimates**
	Total	Restrained	Unrestrained	Unknown Restraint Use	Percent Known Restrained*	Lives Saved at Current Seat Belt and Child Safety Seat Usage
2006	14	7	7	0	50	10
2007	6	3	3	0	50	5
2008	11	6	5	0	55	8
2009	9	7	1	1	88	9
2010	11	9	1	1	90	16

*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 Helmeted*	Lives Saved at Current Helmet Use	Additional Lives Savable at 100% Helmet Usage
2006	105	95	10	0	90	56	4
2007	85	77	8	0	91	46	3
2008	100	85	15	0	85	50	6
2009	76	69	7	0	91	41	3
2010	86	80	5	1	94	48	2

*Percent Based Only Where Helmet Use Was Known

**Lives Saved Estimates (Sum of columns may not equal other published numbers due to rounding)

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Fatalities by Person Type

Person Type		2006		2007		2008		2009		2010	
		#	%*	#	%*	#	%*	#	%*	#	%*
Occupants	Passenger Car	527	44	495	45	426	44	365	43	376	44
	Light Truck - Pickup	211	17	199	18	174	18	145	17	153	18
	Light Truck - Utility	191	16	173	16	119	12	125	15	125	15
	Light Truck - Van	44	4	37	3	32	3	26	3	33	4
	Light Truck - Other	0	0	1	0	0	0	0	0	2	0
	Large Truck	20	2	16	1	27	3	16	2	9	1
	Bus	5	0	2	0	1	0	0	0	0	0
	Other/Unknown Occupants	13	1	22	2	12	1	23	3	10	1
	Total Occupants	1,011	84	945	85	791	82	700	83	708	82
Motorcyclists	Total Motorcyclists	105	9	85	8	100	10	76	9	86	10
Nonoccupants	Pedestrian	78	6	69	6	68	7	64	8	61	7
	Bicyclist and Other Cyclist	10	1	9	1	4	0	6	1	6	1
	Other/Unknown Nonoccupants	3	0	2	0	6	1	2	0	1	0
	Total Nonoccupants	91	8	80	7	78	8	72	8	68	8
Total	Total	1,207	100	1,110	100	969	100	848	100	862	100

*Sum of Percents May Not = 100 Due to Individual Cell Rounding

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Fatalities by Crash Type

Crash Type	2006	2007	2008	2009	2010
Total Fatalities (All Crashes)*	1,207	1,110	969	848	862
- (1) Single Vehicle	686	652	595	500	500
- (2) Involving a Large Truck	137	134	131	80	114
- (3) Involving Speeding	568	497	447	327	316
- (4) Involving a Rollover	426	437	351	288	312
- (5) Involving a Roadway Departure	775	709	594	530	533
- (6) Involving an Intersection (or Intersection Related)	207	188	173	148	140

(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	Unknown	
2006	7	27	29	21	18	3	0	105
2007	8	26	19	18	10	4	0	85
2008	4	31	25	19	13	8	0	100
2009	7	9	21	18	11	9	1	76
2010	2	17	20	18	19	10	0	86

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Motorcyclist Fatalities Per 100,000 Registered Motorcycles

Year	Motorcyclist Fatalities	Total Motorcycle Registrations*	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2006	105	104,075	100.9
2007	85	110,858	76.67
2008	100	127,166	78.64
2009	76	122,471	62.06
2010	86	123,289	69.75

*Data Source: FHWA

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Fatalities by Person Type and Race/Hispanic Origin

Person Type by Race/Hispanic Origin		2006	2007	2008	2009
Occupants (All Vehicle Types)	Hispanic	51	50	38	24
	White Non-Hispanic	799	748	637	594
	Black, Non-Hispanic	246	215	200	148
	American Indian, Non-Hispanic/Unknown	2	0	7	1
	Asian, Non-Hispanic/Unknown	5	5	2	1
	All Other Non-Hispanic or Race	2	4	4	3
	Unknown Race and Unknown Hispanic	11	8	3	5
	Total	1,116	1,030	891	776
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)					
	Hispanic	5	3	4	7
	White Non-Hispanic	51	40	43	34
	Black, Non-Hispanic	32	36	31	29
	American Indian, Non-Hispanic/Unknown	0	0	0	0
	Asian, Non-Hispanic/Unknown	1	1	0	0
	All Other Non-Hispanic or Race	2	0	0	2
	Unknown Race and Unknown Hispanic	0	0	0	0
Total	91	80	78	72	
Total	1,207	1,110	969	848	

2010 Race/Hispanic Origin Data is Not Yet Complete

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5 Year Trend For The Top 10 Counties of 2010 - Fatalities

Counties by 2010 Ranking		Fatalities					Percent of Total					
		2006	2007	2008	2009	2010	2006	2007	2008	2009	2010	
1	Jefferson County	80	98	104	83	89	7	9	11	10	10	
2	Mobile County	100	105	81	58	69	8	9	8	7	8	
3	Tuscaloosa County	44	45	34	36	35	4	4	4	4	4	
4	Madison County	75	34	46	41	33	6	3	5	5	4	
5	Baldwin County	45	35	31	28	25	4	3	3	3	3	
6	Elmore County	22	16	18	19	25	2	1	2	2	3	
7	Walker County	32	27	24	16	25	3	2	2	2	3	
8	Lee County	23	21	26	22	24	2	2	3	3	3	
9	Marshall County	13	13	26	25	23	1	1	3	3	3	
10	St. Clair County	17	20	14	15	23	1	2	1	2	3	
Sub Total 1.*		Top Ten Counties	515	487	439	365	371	43	44	45	43	43
Sub Total 2.**		All Other Counties	692	623	530	483	491	57	56	55	57	57
Total		All Counties	1,207	1,110	969	848	862	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 2010 - Fatalities Year to Year Percent Change

Counties by 2010 Ranking		Fatalities					Percent Change From Previous Year			
		2006	2007	2008	2009	2010	2007	2008	2009	2010
1	Jefferson County	80	98	104	83	89	23	6	-20	7
2	Mobile County	100	105	81	58	69	5	-23	-28	19
3	Tuscaloosa County	44	45	34	36	35	2	-24	6	-3
4	Madison County	75	34	46	41	33	-55	35	-11	-20
5	Baldwin County	45	35	31	28	25	-22	-11	-10	-11
6	Elmore County	22	16	18	19	25	-27	13	6	32
7	Walker County	32	27	24	16	25	-16	-11	-33	56
8	Lee County	23	21	26	22	24	-9	24	-15	9
9	Marshall County	13	13	26	25	23	0	100	-4	-8
10	St. Clair County	17	20	14	15	23	18	-30	7	53
Sub Total 1.* <i>Top Ten Counties</i>		515	487	439	365	371	-5	-10	-17	2
Sub Total 2.** <i>All Other Counties</i>		692	623	530	483	491	-10	-15	-9	2
Total <i>All Counties</i>		1,207	1,110	969	848	862	-8	-13	-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 2010 - Fatality Rates

Median Rate for all U.S. Counties: 17.1

Counties by 2010 Ranking		Fatalities Per 100,000 Population				
		2006	2007	2008	2009	2010
1	Bullock County	46.40	90.82	27.39	36.41	91.83
2	Conecuh County	58.81	59.52	82.16	22.60	68.17
3	Lowndes County	123.72	83.52	76.19	43.53	62.17
4	Coosa County	61.13	26.23	17.40	26.29	60.57
5	Greene County	74.78	85.24	96.16	43.56	55.64
6	Choctaw County	48.51	28.14	56.68	50.09	43.42
7	Clarke County	26.16	30.26	15.22	19.20	38.82
8	Hale County	30.44	85.27	49.20	31.20	38.20
9	Walker County	46.90	39.88	35.38	23.76	37.34
10	Macon County	58.49	63.80	32.41	23.60	37.14
Sub Rate 1.*	Top Ten Counties	66.94	64.16	52.46	40.52	46.58
Sub Rate 2.**	All Other Counties	24.41	21.61	19.14	16.80	16.77
Total Rate	All Counties	26.07	23.75	20.54	17.82	18.01

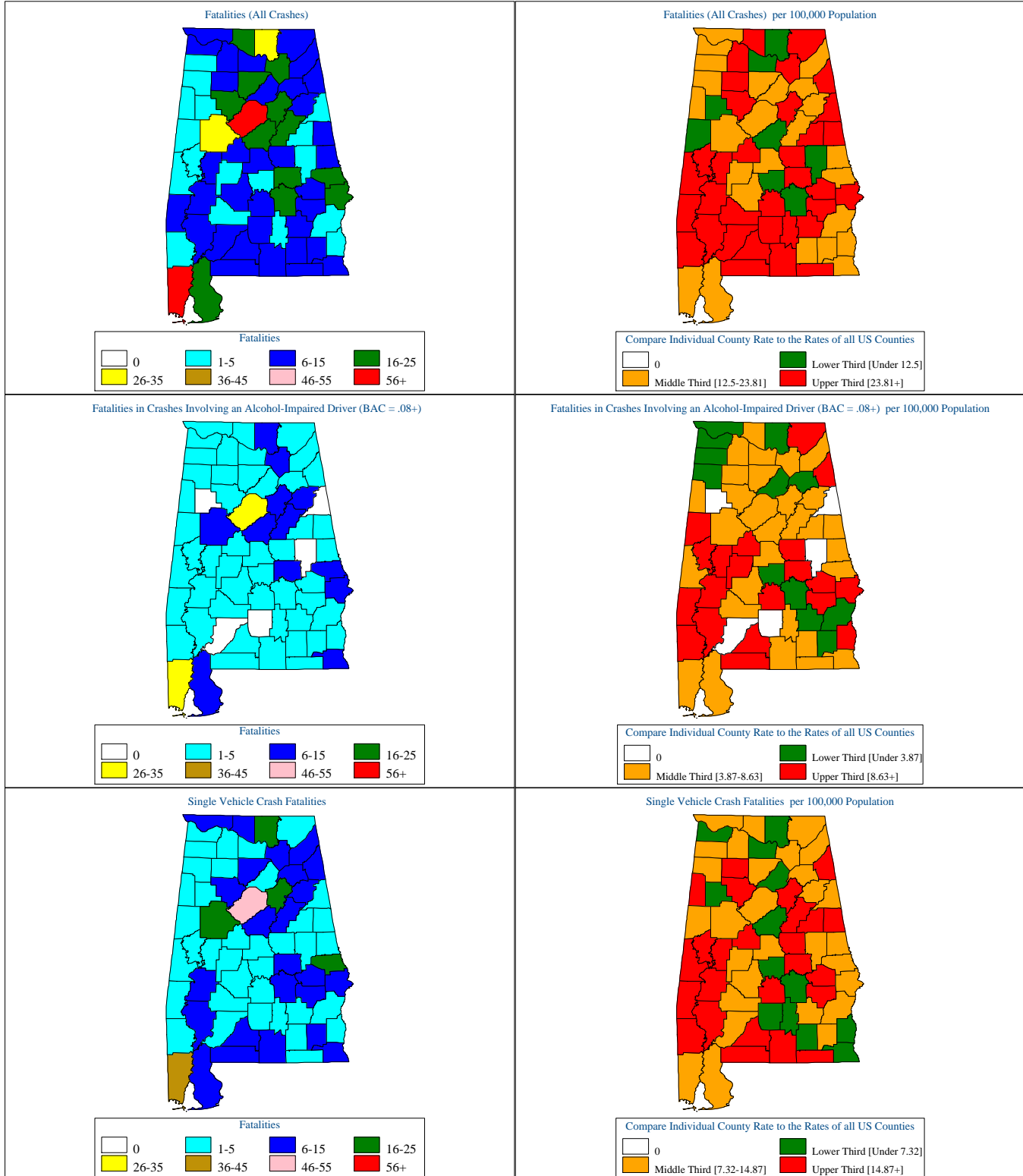
*This Sub Rate is the Rate for the Top Ten Counties

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

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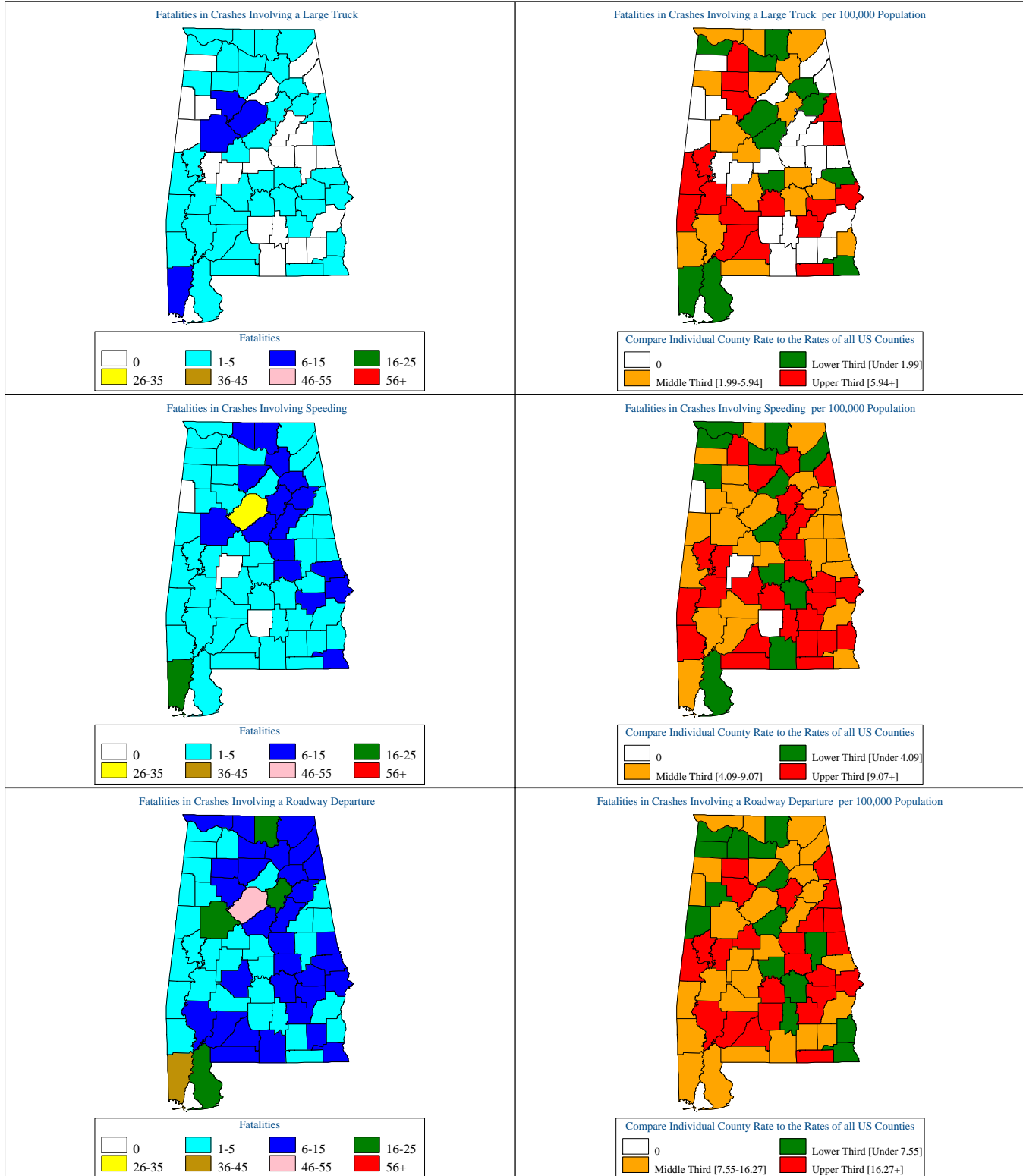
Alabama Motor Vehicle Crash Fatality Maps for 2010



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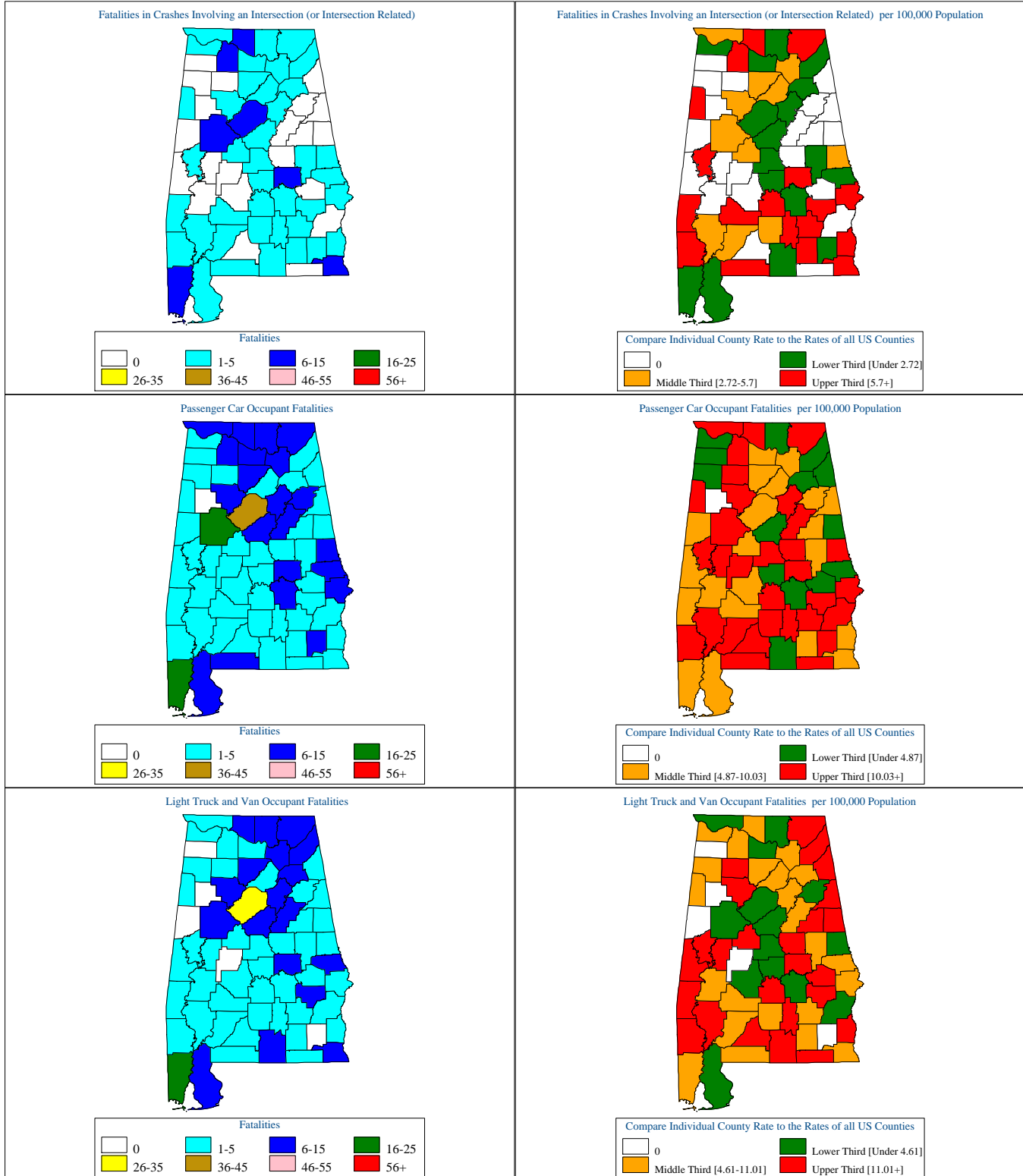
Alabama Motor Vehicle Crash Fatality Maps for 2010



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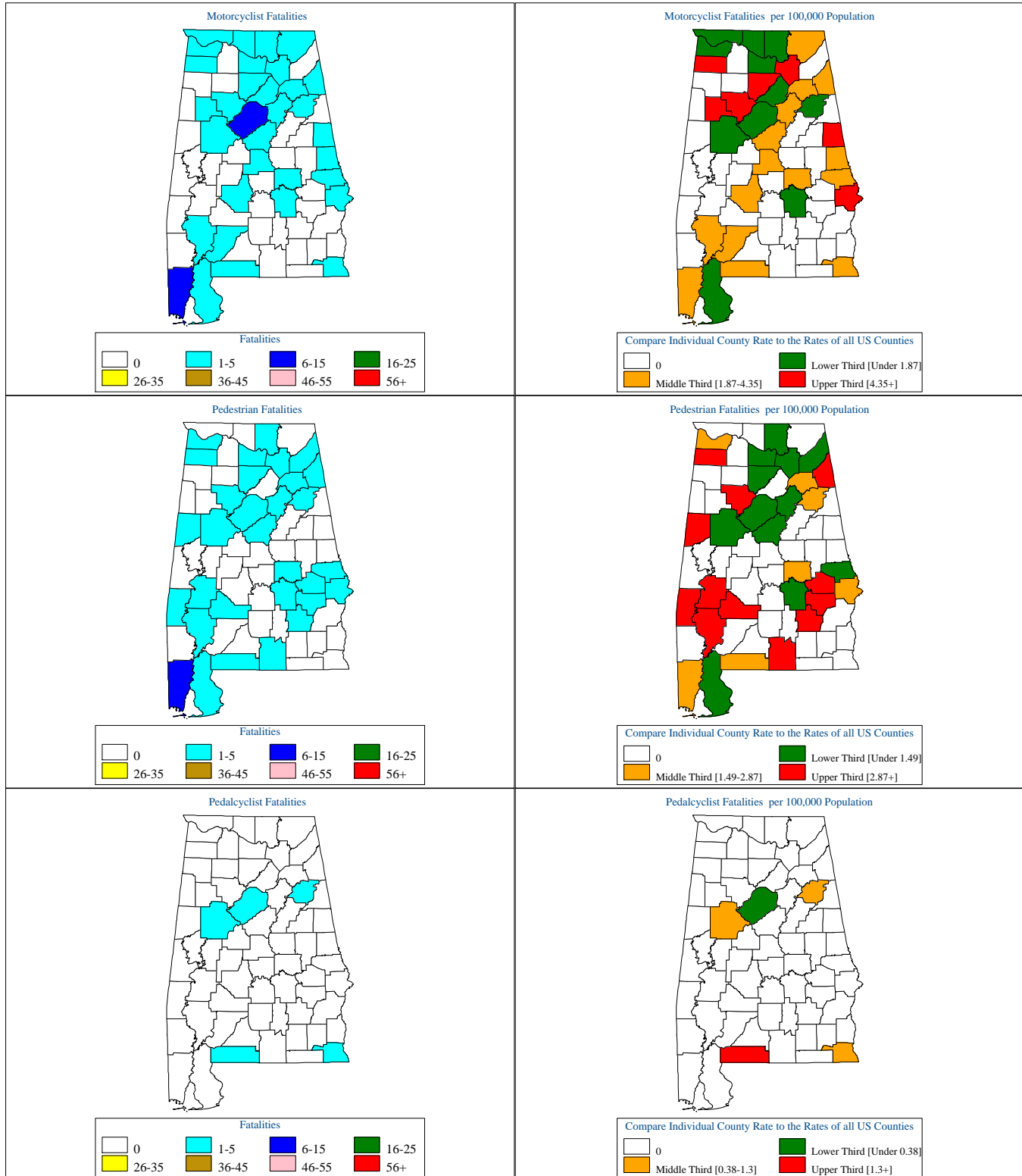
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