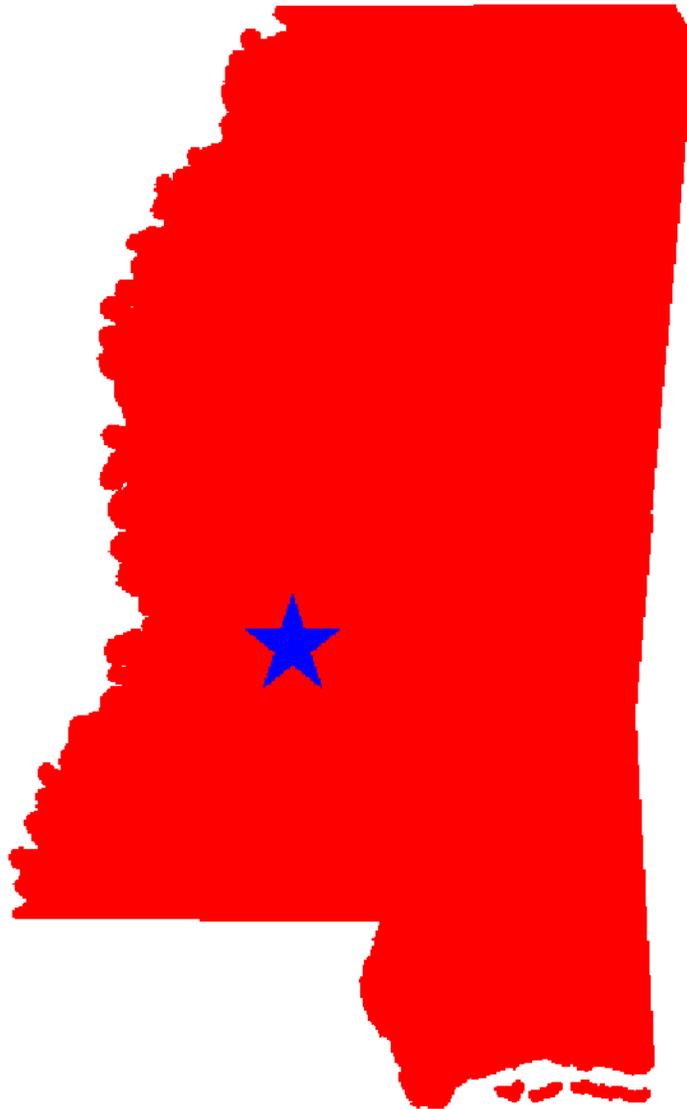




Traffic Safety Facts Mississippi 2008-2012



This Report Contains Data From the Following Sources:

Fatality Data - NCSA Fatality Analysis Reporting System (FARS): 2008-2011 Final File and 2012 Annual Report File (ARF)

Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Mississippi 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 Mississippi

Core Outcome Measures		Year				
		2008	2009	2010	2011	2012
Traffic Fatalities	Total	783	700	641	630	582
	Rural	627	507	506	508	407
	Urban	156	193	135	122	175
	Unknown	0	0	0	0	0
Fatalities Per 100 Million Vehicle Miles Driven**	Total	1.79	1.73	1.61	1.62	
	Rural	2.35	2.10	2.16	2.20	
	Urban	0.92	1.19	0.82	0.77	
Passenger Vehicle Occupant Fatalities (All Seat Positions)	Total	652	561	529	501	463
	Restrained	220	180	188	192	167
	Unrestrained	432	380	340	309	293
	Unknown	0	1	1	0	3
Alcohol-Impaired Driving Fatalities (BAC=.08+)**		251	233	174	159	179
Speeding-Related Fatalities		327	106	129	104	95
Motorcyclist Fatalities	Total	40	47	42	58	39
	Helmeted	32	41	26	52	34
	Unhelmeted	8	6	16	6	5
	Unknown	0	0	0	0	0
Drivers Involved in Fatal Crashes	Total	985	857	800	807	684
	Aged Under 15	4	6	0	2	1
	Aged 15-20	106	119	86	84	63
	Aged Under 21	110	125	86	86	64
	Aged 21 and Over	871	727	710	720	619
	Unknown Age	4	5	4	1	1
Pedestrian Fatalities		50	58	50	47	48

*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)

**2012 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: Mississippi , 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
2008	Mississippi	783	43,711	1.79	2,947,806	26.56
	US	37,423	2,976,528	1.26	304,093,966	12.31
	Best State*			0.67		5.63
2009	Mississippi	700	40,427	1.73	2,958,774	23.66
	US	33,883	2,956,764	1.15	306,771,529	11.05
	Best State*			0.62		4.90
2010	Mississippi	641	39,841	1.61	2,969,137	21.59
	US	32,999	2,967,266	1.11	309,326,225	10.67
	Best State*			0.64		3.97
2011	Mississippi	630	38,851	1.62	2,977,457	21.16
	US	32,479	2,946,131	1.10	311,587,816	10.42
	Best State*			0.65		4.36
2012	Mississippi	582			2,984,926	19.50
	US	33,561			313,914,040	10.69
	Best State*					2.37

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

2012 National VMT is a Preliminary Estimate and Subject to Change

2012 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:**
Mississippi , 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
2008	Mississippi	783	318	41	0.73	267	34	0.61
	US	37,423	15,449	41	0.52	13,258	35	0.45
	Best State*			21	0.21		16	0.16
2009	Mississippi	700	281	40	0.70	253	36	0.63
	US	33,883	14,179	42	0.48	12,149	36	0.41
	Best State*			25	0.24		18	0.17
2010	Mississippi	641	205	32	0.51	188	29	0.47
	US	32,999	13,323	40	0.45	11,462	35	0.39
	Best State*			23	0.21		20	0.19
2011	Mississippi	630	184	29	0.47	172	27	0.44
	US	32,479	13,184	41	0.45	11,388	35	0.39
	Best State*			28	0.23		18	0.17
2012	Mississippi	582	215	37		196	34	
	US	33,561	13,754	41		11,904	35	
	Best State*			24			21	

*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
 2012 National VMT is a Preliminary Estimate and Subject to Change
 2012 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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Alcohol-Impaired Driving Fatalities**:
Mississippi, 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
2008	Mississippi	783	251	32	0.57
	US	37,423	11,711	31	0.39
	Best State*			16	0.16
2009	Mississippi	700	233	33	0.58
	US	33,883	10,759	32	0.36
	Best State*			17	0.16
2010	Mississippi	641	174	27	0.44
	US	32,999	10,136	31	0.34
	Best State*			18	0.17
2011	Mississippi	630	159	25	0.41
	US	32,479	9,865	30	0.33
	Best State*			17	0.16
2012	Mississippi	582	179	31	
	US	33,561	10,322	31	
	Best State*			16	

*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

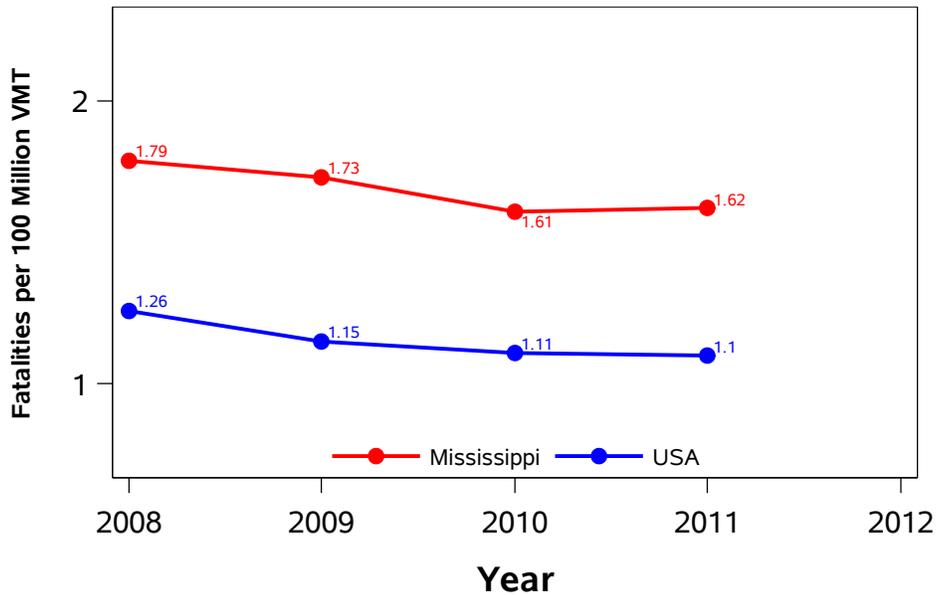
2012 National VMT is a Preliminary Estimate and Subject to Change

2012 State Vehicle Miles Traveled (VMT) Data is Not Yet Available

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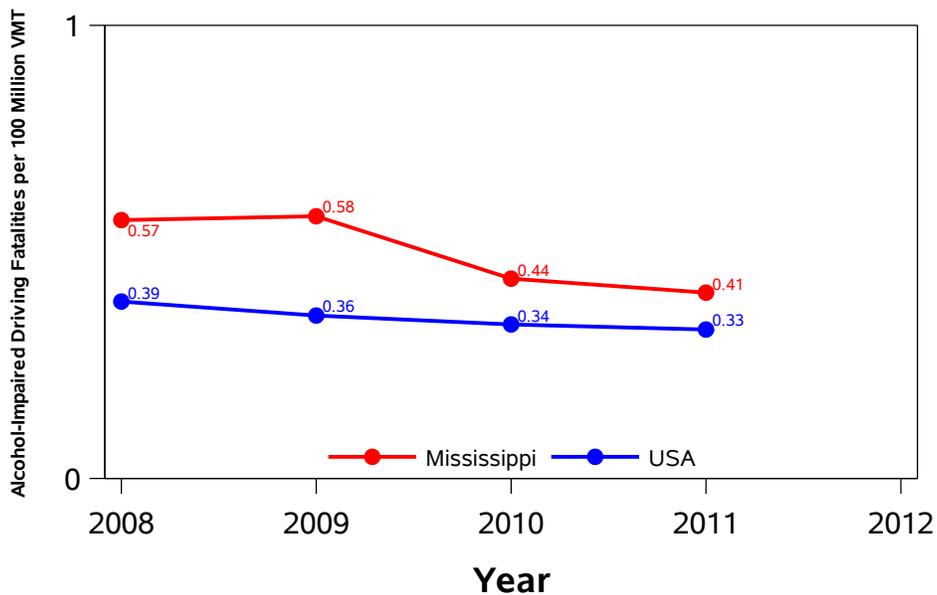


Fatalities per 100 Million VMT



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Alcohol-Impaired Driving Fatalities per 100 Million VMT



2012 National VMT is a Preliminary Estimate and Subject to Change
2012 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:
 Mississippi , 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
2008	Mississippi	417	78	19	568	265	47	985	343	35
	US	26,162	7,656	29	24,254	18,415	76	50,416	26,071	52
	Best State*			81			99			85
2009	Mississippi	370	41	11	487	109	22	857	150	18
	US	23,502	7,188	31	21,835	16,753	77	45,337	23,941	53
	Best State*			86			100			90
2010	Mississippi	339	71	21	461	215	47	800	286	36
	US	23,527	7,927	34	21,072	16,405	78	44,599	24,332	55
	Best State*			92			100			91
2011	Mississippi	362	96	27	445	224	50	807	320	40
	US	23,025	7,484	33	20,815	15,846	76	43,840	23,330	53
	Best State*			88			98			93
2012	Mississippi	278	60	22	406	125	31	684	185	27
	US	23,943	6,653	28	21,394	14,792	69	45,337	21,445	47
	Best State*			88			95			91

*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 Mississippi, U.S. and Best State

Year		Fatalities - Restrained**	Observed - Restrained***
		Percent	Percent
2008	Mississippi	41	71
	US	56	83
	Best State*	78	97
2009	Mississippi	34	76
	US	58	84
	Best State*	77	98
2010	Mississippi	45	81
	US	59	85
	Best State*	100	98
2011	Mississippi	48	82
	US	59	84
	Best State*	80	98
2012	Mississippi	42	83
	US	58	86
	Best State*	79	97

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

**Percent Based Only Where Restraint Use Was Known

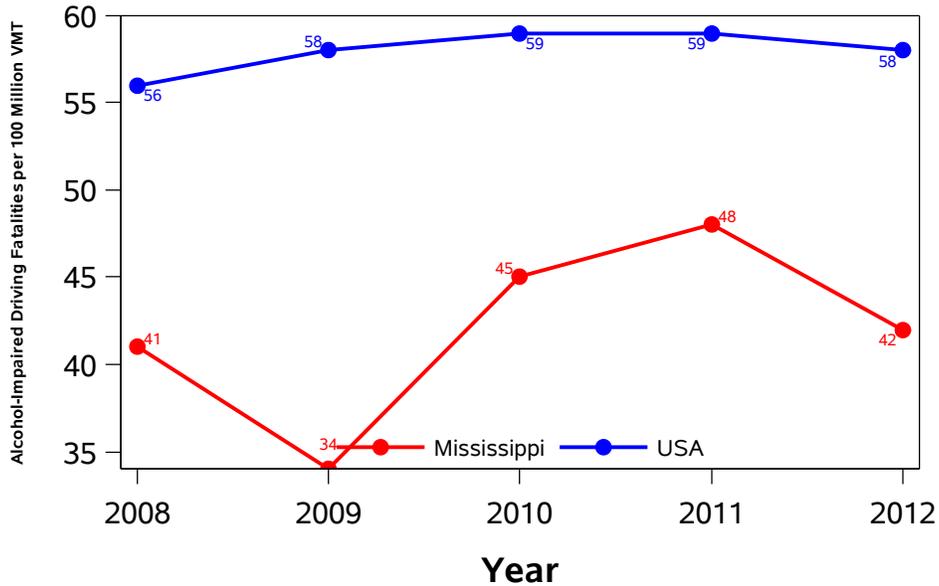
***USA Data: National Occupant Protection Use Survey. Mississippi Data: State Survey

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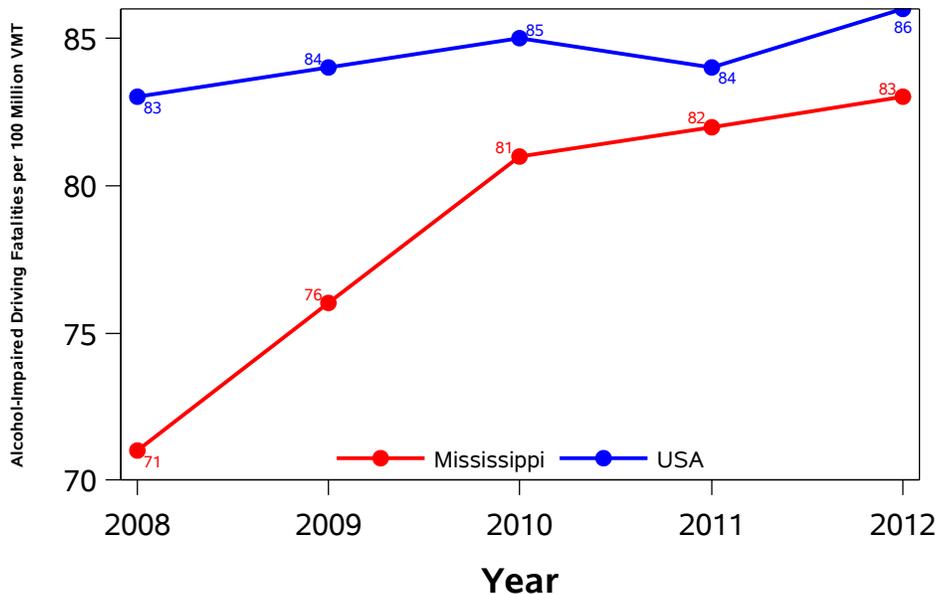
Daytime Front Seat (Outboard Only) Passenger Vehicle Occupant Fatalities, Aged 5 and Over, by Percent Restraint Use*



*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. Mississippi Data: State Survey

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Mississippi 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
2008	644	214	430	0	33	260	173
2009	553	176	376	1	32	205	134
2010	521	186	334	1	36	243	112
2011	491	184	307	0	37	233	119
2012	452	160	289	3	36	203	82

*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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Mississippi 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	
2008	8	6	2	0	75	7	
2009	8	4	4	0	50	5	
2010	8	2	6	0	25	2	
2011	10	8	2	0	80	10	
2012	11	7	4	0	64	9	

*Percent Based Only Where Restraint Use Was Known

**Lives Saved Estimates

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Mississippi 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
2008	40	32	8	0	80	19	3
2009	47	41	6	0	87	24	2
2010	42	26	16	0	62	15	6
2011	58	52	6	0	90	31	2
2012	39	34	5	0	87	20	

*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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Mississippi Fatalities by Person Type

Person Type		2008		2009		2010		2011		2012	
		#	%*	#	%*	#	%*	#	%*	#	%*
Occupants	Passenger Car	367	47	311	44	266	41	221	35	225	39
	Light Truck - Pickup	159	20	143	20	144	22	147	23	132	23
	Light Truck - Utility	110	14	84	12	107	17	113	18	87	15
	Light Truck - Van	16	2	23	3	12	2	20	3	19	3
	Large Truck	13	2	9	1	5	1	9	1	12	2
	Bus	3	0	2	0	0	0	3	0	2	0
	Other/Unknown Occupants	20	3	13	2	11	2	5	1	11	2
	Total Occupants	688	88	585	84	545	85	518	82	488	84
Motorcyclists	Total Motorcyclists	40	5	47	7	42	7	58	9	39	7
Nonoccupants	Pedestrian	50	6	58	8	50	8	47	7	48	8
	Bicyclist and Other Cyclist	4	1	10	1	4	1	7	1	4	1
	Other/Unknown Nonoccupants	1	0	0	0	0	0	0	0	3	1
	Total Nonoccupants	55	7	68	10	54	8	54	9	55	9
Total	Total	783	100	700	100	641	100	630	100	582	100

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

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Mississippi Fatalities by Crash Type

Crash Type	2008	2009	2010	2011	2012
Total Fatalities (All Crashes)*	783	700	641	630	582
- (1) Single Vehicle	503	455	418	388	388
- (2) Involving a Large Truck	70	61	55	73	51
- (3) Involving Speeding	327	106	129	104	95
- (4) Involving a Rollover	141	168	148	114	121
- (5) Involving a Roadway Departure	310	244	431	344	377
- (6) Involving an Intersection (or Intersection Related)	103	158	96	130	111

(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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Mississippi Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2008	3	10	10	8	6	3	40
2009	2	9	12	10	7	7	47
2010	1	11	10	9	5	6	42
2011	0	11	10	8	15	14	58
2012	0	8	9	5	11	6	39

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Mississippi Motorcyclist Fatalities Per 100,000 Registered Motorcycles

Year	Motorcyclist Fatalities	Total Motorcycle Registrations*	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2008	40	28,171	142.0
2009	47	28,085	167.3
2010	42	27,884	150.6
2011	58	28,078	206.6
2012	39		

*Data Source: FHWA

*2012 Motorcycle Registrations are Not Yet Available

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Mississippi Fatalities by Person Type and Race/Hispanic Origin

Person Type by Race/Hispanic Origin		2008	2009	2010	2011
Occupants (All Vehicle Types)	Hispanic	30	23	12	20
	White Non-Hispanic	464	365	363	389
	Black, Non-Hispanic	231	235	209	159
	American Indian, Non-Hispanic/Unknown	1	5	1	6
	Asian, Non-Hispanic/Unknown	0	3	2	1
	Pacific Islander, Non-Hispanic/Unknown	1	0	0	0
	Multiple Races, Non-Hispanic/Unknown	0	0	0	0
	All Other Non-Hispanic or Race	1	0	0	1
	Unknown Race and Unknown Hispanic	0	1	0	0
	<i>Total</i>	728	632	587	576
Non-Occupants (Pedestrians, Pedalcyclists and Other/Unknown NonOccupants)					
	Hispanic	4	3	1	4
	White Non-Hispanic	23	27	23	24
	Black, Non-Hispanic	28	38	30	24
	American Indian, Non-Hispanic/Unknown	0	0	0	1
	Asian, Non-Hispanic/Unknown	0	0	0	0
	Pacific Islander, Non-Hispanic/Unknown	0	0	0	0
	Multiple Races, Non-Hispanic/Unknown	0	0	0	1
	All Other Non-Hispanic or Race	0	0	0	0
	Unknown Race and Unknown Hispanic	0	0	0	0
<i>Total</i>	55	68	54	54	
Total	783	700	641	630	

2012 Race/Hispanic Origin Data is Not Yet Complete

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5 Year Trend For The Top 10 Counties of 2012 - Fatalities

Mississippi Counties by 2012 Ranking		Fatalities					Percent of Total				
		2008	2009	2010	2011	2012	2008	2009	2010	2011	2012
1	Harrison County	30	29	22	34	30	4	4	3	5	5
2	Hinds County	45	53	40	32	29	6	8	6	5	5
3	Rankin County	29	19	16	16	22	4	3	2	3	4
4	Washington County	9	18	14	10	21	1	3	2	2	4
5	Forrest County	19	24	17	25	18	2	3	3	4	3
6	Jackson County	25	22	26	18	16	3	3	4	3	3
7	Warren County	12	12	7	11	16	2	2	1	2	3
8	Jones County	26	18	14	27	15	3	3	2	4	3
9	Lauderdale County	18	10	9	18	15	2	1	1	3	3
10	Lee County	23	10	10	17	15	3	1	2	3	3
Sub Total 1.*	Top Ten Counties	276	250	211	228	197	35	36	33	36	34
Sub Total 2.**	All Other Counties	507	450	430	402	385	65	64	67	64	66
Total	All Counties	783	700	641	630	582	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 2012 - Fatalities Year to Year Percent Change

Mississippi Counties by 2012 Ranking		Fatalities					Percent Change From Previous Year			
		2008	2009	2010	2011	2012	2009	2010	2011	2012
1	Harrison County	30	29	22	34	30	-3	-24	55	-12
2	Hinds County	45	53	40	32	29	18	-25	-20	-9
3	Rankin County	29	19	16	16	22	-34	-16	0	38
4	Washington County	9	18	14	10	21	100	-22	-29	110
5	Forrest County	19	24	17	25	18	26	-29	47	-28
6	Jackson County	25	22	26	18	16	-12	18	-31	-11
7	Warren County	12	12	7	11	16	0	-42	57	45
8	Jones County	26	18	14	27	15	-31	-22	93	-44
9	Lauderdale County	18	10	9	18	15	-44	-10	100	-17
10	Lee County	23	10	10	17	15	-57	0	70	-12
Sub Total 1.*	Top Ten Counties	276	250	211	228	197	-9	-16	8	-14
Sub Total 2.**	All Other Counties	507	450	430	402	385	-11	-4	-7	-4
Total	All Counties	783	700	641	630	582	-11	-8	-2	-8

*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 2012 - Fatality Rates

Median Rate for all U.S. Counties: 17.42

Mississippi Counties by 2012 Ranking		Fatalities Per 100,000 Population				
		2008	2009	2010	2011	2012
1	Issaquena County	0.00	69.30	0.00	0.00	216.45
2	Carroll County	46.76	28.29	28.37	38.21	76.75
3	Benton County	79.83	34.53	34.44	11.46	57.27
4	George County	36.05	40.39	44.11	35.05	56.69
5	Yalobusha County	31.11	38.98	39.54	31.98	56.45
6	Greene County	0.00	27.68	34.70	27.98	55.90
7	Jefferson County	50.46	51.01	51.82	26.35	52.37
8	Leake County	8.46	37.83	37.85	34.32	42.92
9	Washington County	17.23	34.91	27.43	19.82	42.21
10	Sharkey County	38.53	0.00	82.10	61.36	41.68
<i>Sub Rate 1.*</i>	<i>Top Ten Counties</i>	65.33	62.33	52.42	45.13	52.03
<i>Sub Rate 2.**</i>	<i>All Other Counties</i>	23.62	21.60	19.56	18.72	17.71
<i>Total Rate</i>	<i>All Counties</i>	26.56	23.66	21.59	21.16	19.50

*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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