



ALABAMA DEPARTMENT OF TRANSPORTATION DRIVES A FEALABAMA.ORG

### IMPROVING HIGHWAY SAFETY IN ALABAMA CONTINUES TO BE A PRESSING NEED ACROSS THE STATE. MORE THAN 900 LIVES WERE LOST IN CRASHES ON ALABAMA ROADS IN 2020. ALMOST 38,000 INJURIES, SOME LIFE-CHANGING, HAPPENED.

Finding solutions to prevent these tragedies begins with using historical crash data to identify critical traffic safety issues and trends. The Alabama Crash Facts report contains some of the data that the Alabama Department of Transportation and local transportation agencies use to identify specific engineering and operational opportunities for improving the safety of our transportation system.

Crash data is also informative for the public.

Through crash data, the public can better understand the driver behaviors that most often lead to serious crashes. The data also shows when and where most crashes happen, along with other important details. With these facts, motorists can make better decisions that will help them stay safe on the road.

Current data shows that the following actions can reduce the number of highway crashes, injuries and deaths:

- Buckle up Follow the speed limit Drive alert, without distractions
- ▶ Drive sober ▶ Share the road with motorcycles, bicycles and pedestrians
  - Follow all warnings at railroad crossings

Safe roads start with safe drivers. Crash data clearly shows how much influence drivers can have on traffic safety.

Safety must be factored into every transportation decision at the organizational and personal level. It is with this holistic approach that positive change begins on Alabama roads.

#### **Acknowledgements**

Data analysis for the Alabama Crash Facts report is provided by the Center for Advanced Public

Safety at The University of Alabama using crash data provided by the Alabama Law Enforcement Agency. Additional data and funding for Alabama Crash Facts is provided by the Alabama Department of Transportation.

Current and previous editions of the Alabama Crash Facts publication are available online at DriveSafeAlabama.org and caps.ua.edu.







MORE ALABAMA CRASH DATA, INCLUDING COUNTY AND CITY LEVEL DATA AND CHARTS. ARE AVAILABLE ON THE AL SAFETY PORTAL: SAFETY.ALADATA.COM.

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# 2020 CRASH DATA DUICK FACTS\*

Based on 2020 data, typical drivers in Alabama have greater than a TWO IN **FIVE CHANCE OF INVOLVEMENT** IN AN INJURY OR FATAL CRASH

operating a vehicle over their lifetimes. The probability of any given driver being in

A CRASH OF ANY SEVERITY **DURING THEIR LIFETIME IS GREATER THAN 90%.** 





A traffic crash was reported every 3 minutes and 55 seconds.



# EVERY13MIN

A person was injured in a traffic crash every 13 minutes and 50 seconds.

For front seat occupants who are in vehicle crashes, the probability of being killed is 46 times higher for those not wearing safety belts than those who are properly restrained.

Most Alabama crashes (75 percent) occurred in urban areas, but most fatalities (61 percent) occurred in rural areas.





\*The increase/decrease percentage of change compares 2019 data to 2020.









For each fatality, there were about 40 injuries.



A person was killed in a traffic crash every 9 hours and 20 minutes.

Of all fatal crashes, 6 percent were caused by drivers 19 years or under, and 19 percent were caused by drivers 25 years or under.

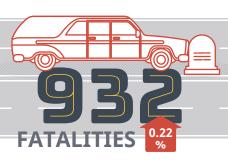
Of all fatal crashes, 48 percent occurred at night (including dusk and dawn).







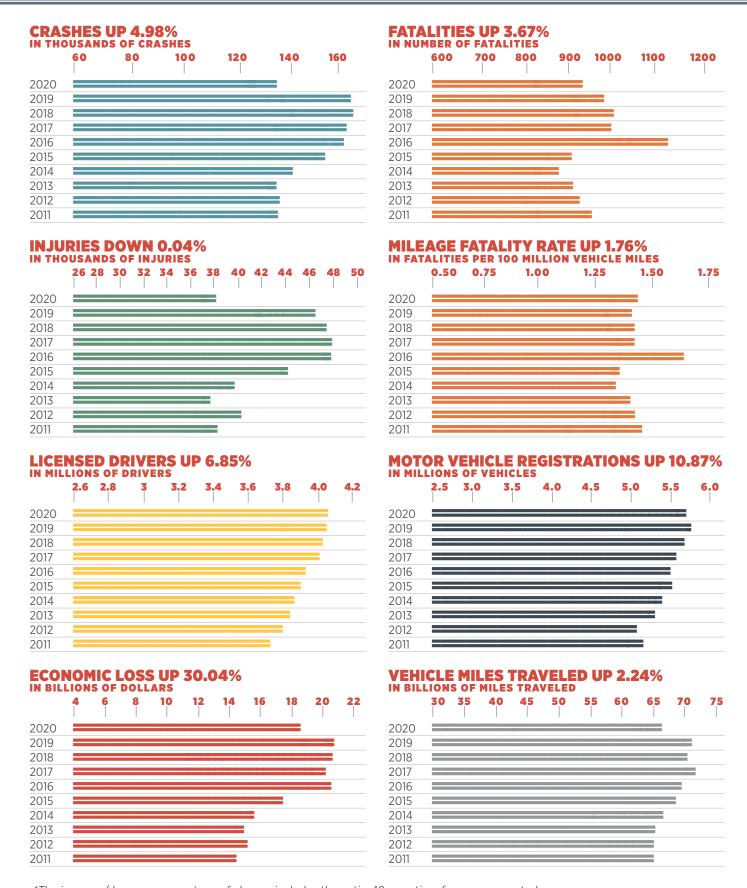








# TEN YEAR COMPARISON\* CRASH DATA 2011-2020



<sup>\*</sup>The increase/decrease percentage of change includes the entire 10-year time frame represented.

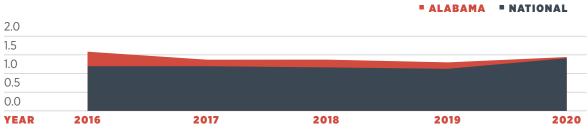
# FATALITY RATE TRENDS

### **CRASH TOTALS AND RATES FOR THE PAST FIVE YEARS**

YEAR	TOTAL CRASHES	TOTAL INJURIES	TOTAL FATALITIES		ALABAMA FATALITY RATE (PER HMVM*)	NATIONAL FATALITY RATE (PER HMVM*)
2016	155,907	47,653	1,083		1.56	1.19
2017	156,993	47,771	948		1.34	1.17
2018	159,925	47,419	953		1.34	1.14
2019	159,102	46,383	930	T	1.30	1.11
2020	134,039	37,983	932		1.40	1.37

<sup>\*</sup>Hundred Million Vehicle Miles

### **FATALITY RATE: STATE VERSUS NATIONAL**



<sup>\*</sup>National Rates Published by NHTSA's National Center for Statistics and Analysis

### FIRST HARMFUL EVENT (ORDERED BY FATALITIES)

EVENT	TOTAL CRASHES	% OF ALL CRASHES	NON-FATAL INJURIES	FATALITIES
Hit Other Vehicle	89,248	66.6%	24,028	429
Hit Fixed Object or Other Object	12,675	9.5%	4,382	230
Overturning	1,224	0.9%	726	36
Hit Parked Vehicle	6,208	4.6%	368	7
Hit Bicyclist	138	0.1%	96	5
Hit Railway Train	60	0.0%	25	3
Hit Pedestrian	0	0.0%	0	0
Other Non-Collision	0	0.0%	0	0
Hit Animal	0	0.0%	0	0
All other	20,697	15.5%	6,144	166
TOTAL	134,039	100%	36,597	932

<sup>\*</sup>Includes only those pedestrian events and train events in the First Harmful Event; for more details, see pedestrian crash statistics on page 25 and train involved crash statistics on page 26.

### **VEHICLE TYPE**

ТУРЕ	VEHICLES INVOLVED		% OF VEHICLES	0	10%	20%	<b>30%</b>	40%	50%	<b>60%</b>
Passenger Car	121,027		49.6%							
SUV, Mini-Van, or Station Wagon	62,708		25.7%							
Pick-Up (Four-Tire Light Truck)	42,800		17.5%							
Heavy or Large Truck	10,181		4.2%							
Cargo Van	2,137		0.9%	=						
Motorcycle/Moped	1,556		0.6%							
Other	3,637		1.5%							
TOTAL	244,046	Τ	100%							

### **HAZARDOUS CARGO**

CARGO TYPE	CRASHES						
Gas/Flammable	150		76.9%				
Corrosive	20		10.3%				
Explosive	6		3.1%				
Radioactive	1		0.5%				
Other	18		9.2%				
TOTAL	195		100%				

# CRASH **LOCATION**

### **RURAL VS. URBAN TRAFFIC FATALITIES 10 YEAR DATA**

AR	TOTAL	RURAL	URBAN	0	200	<b>400</b>	<b>600</b>	800	1000
011	899	542	357						•
2012	870	495	375						
2013	852	521	331						
2014	821	510	311						
2015	849	508	341						
2016	1,089	660	429						
2017	948	580	368						
2018	953	575	378						
2019	930	551	379						
2020	932	581	351						

### **RURAL LOCALE**

LOCALE TYPE	CRASHES					
Open Country	28,084		83.10%			
Residential	3,075		9.10%			
Shopping or Business	2,265		6.70%			
Manufacturing or Industrial	193		0.60%			
School	97		0.30%			
Playground	2		0.00%			
Other	59		0.20%			
TOTAL	33,775					

### **URBAN LOCALE**

LOCALE TYPE	CRASHES					
Shopping or Business	55,849		55.70%			
Residential	26,106		26.00%			
Open Country	13,250		13.20%			
Manufacturing or Industrial	2,379		2.40%			
School	1,080		1.10%			
Playground	38		0.04%			
Other	1,562		1.56%			
TOTAL	100,264					

#### **CRASH LOCATION**

LOCATION	CRASHES				
On Roadway	105,645		78.82%		
Off Roadway	19,650		14.66%		
Intersection	2,346		1.75%		
Median	1,634		1.22%		
Driveway	15		0.01%		
Other	4,749		3.54%		
TOTAL	134,039				

### **CAUSAL DRIVER'S RESIDENCE**

#### **RESIDENCE WITHIN 25 MILES OF CRASH**

Yes	63.94%
No	19.65%
Unknown	16.41%

**MOST CRASHES OCCUR** 

WITHIN 25 MILES OF

THE CAUSAL DRIVER'S HOME.

The number of RURAL FATALITIES INCREASED 5.44%

from 2019 to 2020 and INCREASED 7.20% from 2011 to 2020.

The number of **URBAN FATALITIES DECREASED 7.39%** 

from 2019 to 2020 and **DECREASED 1.68%** from 2011 to 2020.

# TIME DATA

#### TIME OF DAY **CRASHES FATALITIES** 1% **2**% **3**% **5**% **7**% 8% **10%** 4% **6**% 9% **HOUR BEGINS AT:** 1.4% Midnight 1,833 44 4.7% 1:00 AM 1,532 1.1% 25 2.7% 2:00 AM 1,274 0.9% 24 2.6% 3:00 AM 1,184 0.9% 24 2.6% 4:00 AM 1,262 0.9% 18 1.9% 5:00 AM 2,390 1.8% 38 4.1% 6:00 AM 3,638 2.7% 34 3.6% 7:00 AM 6,248 4.7% 29 **3.1**% 8:00 AM 4,979 3.7% 21 2.2% 9:00 AM 4,857 3.6% 17 1.8% 10:00 AM 5,964 4.4% 26 2.8% 11:00 AM 7,690 5.7% 46 5.0% Noon 9,105 6.8% 53 **5.7**% 1:00 PM 9.112 6.8% 40 4.3% 2:00 PM 9,854 7.3% 51 5.4% 3:00 PM 11,495 8.6% 56 6.1% 4:00 PM 11,221 8.4% 42 4.5% 5:00 PM 12,024 9.0% 7.0% 65 6:00 PM 8,171 6.1% 55 5.9% 7:00 PM 5,973 4.5% 48 5.1% 8:00 PM 4,658 3.5% 50 5.3% 9:00 PM 3,844 2.9% 53 5.8% 10:00 PM 3,080 2.3% 38 4.1% 11:00 PM 2,396 1.8% 35 **3.7**% Unknown 255 0.2% 0.0% **TOTAL** 134,039 932

### **DAY OF WEEK**

CRASHES	• FATAL	ITIES	0 2%	4%	<b>6% 8%</b>	10%12	2% 14%	16%1
Sunday	13,386 134	10.0%   14.4%						I
Monday	19,333 140	14.4%   15.1%						
Tuesday	19,821 108	14.8%   11.5%						
Wednesday	20,474 117	15.3%   12.5%						
Thursday	20,885 131	15.6%   14.0%						
Friday	22,927 133	17.1%   14.2%						
Saturday	17,213 169	12.8%   18.3%						
Not Reported	0	0.0%						
TOTAL	134,039 932							



THE MOST CRASH-PRONE DAY OF THE WEEK IS

FRIDAY.



THE MOST FATALITY-PRONE DAY IS

SATURDAY.



THE MOST CRASH-PRONE PERIOD OF THE DAY IS

3PM-6PM.



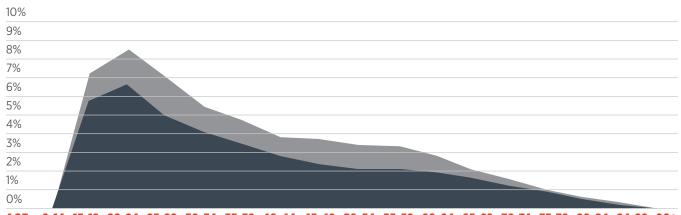
THE MOST FATALITY-PRONE PERIOD OF THE DAY IS

5PM-7PM.

# INVOLVEMENT BY AGE AND GENDER

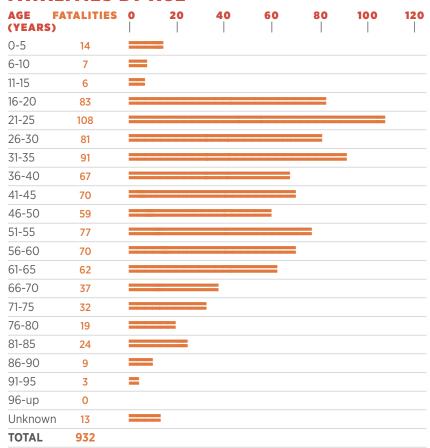
### PERCENTAGE CAUSAL DRIVERS\* INVOLVED IN **ALL TRAFFIC CRASHES BY AGE AND GENDER**

- MALE - FEMALE



AGE 0-14 15-19 20-24 25-29 30-34 35-39 40-44 45-49 50-54 55-59 60-64 65-69 70-74 75-79 80-84 84-89 90+ \*The Causal Driver is the driver of the vehicle that was determined to have caused the traffic crash. Crashes for all vehicle types are included. Each crash has only one causal driver.

### **FATALITIES BY AGE**



# DRIVERS INVOLVED\* IN ALL CRASHES AND FATAL CRASHES BY AGE

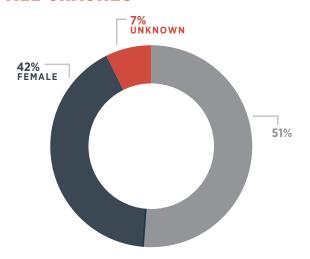
AGE	LICENSED	ALL CRASHES	F	ATAL CRASHES
0-14	59	139		1
15-19	244,063	23,359		86
20-24	329,427	30,799		154
25-29	341,585	26,338		130
30-34	326,749	22,502		139
35-39	306,685	20,094		108
40-44	299,611	17,494		110
45-49	295,814	16,325		91
50-54	315,091	15,094		113
55-59	332,114	15,120		106
60-64	332,737	12,682		88
65-69	298,117	9,768		59
70-74	258,498	7,133		34
>74	411,656	7,942		56
Unknown	0	19,257		41
TOTAL	4,092,206	244,046		1,316

\*All numbers in this chart include both causal and victim drivers. For example, if there is a four-vehicle crash, all four drivers and their ages are reflected in this chart. For all except single vehicle fatal crashes, there will be more drivers counted than there are crashes.

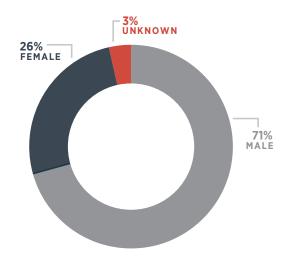
# DRIVERS INVOLVED\* IN ALL CRASHES AND FATAL CRASHES BY GENDER

GENDER	LICENSED	ALL CRASHES	FA	TAL CRASHES
Male	1,981,205	124,825		931
Female	2,111,001	101,803		345
Unknown	0	17,418	Τ	40
TOTAL	4,092,206	244,046		1,316

# GENDER OF DRIVERS INVOLVED IN ALL CRASHES



# GENDER OF DRIVERS INVOLVED IN FATAL CRASHES



# CRASH ENVIRONMENT

### TRAFFIC CONTROL

CONTROL TYPE	CRA	SHES	FAT	ALITIES
No Control Present	63,805	47.75%	451	48.40%
No Passing Zone	11,184	7.85%	257	27.60%
Stop Sign	12,108	9.00%	90	9.70%
Traffic Signal	29,851	23.25%	52	5.60%
Yield Sign	3014	2.30%	4	0.40%
Railroad Device	164	0.10%	2	0.20%
Other	3,929	2.20%	42	4.50%
Not Stated	9,984	7.55%	34	3.60%
TOTAL	134,039		932	

### **LIGHT CONDITION**

CONDITION	CRA	SHES	FAT	ALITIES
Day	93,382	69.67%	471	50.54%
Dark	14,069	10.50%	274	29.40%
Streetlights	19,287	14.39%	131	14.06%
Dusk	4,291	3.20%	29	3.11%
Dawn	2,104	1.57%	23	2.47%
Other/Unknown	906	0.68%	4	0.43%
TOTAL	134,039		932	

### **ROAD CURVATURE AND GRADE**

CURVE/GRADE	CRA	SHES	FAT/	LITIES
Level	90,645	67.63%	478	51.29%
Downgrade	14,799	11.04%	174	18.67%
Upgrade	10,973	8.19%	117	12.55%
Level Curve	6,996	5.22%	115	12.34%
Hillcrest or Sag	863	0.64%	10	1.07%
Curve on Hill	222	0.17%	9	0.97%
Other/Unknown	9,541	7.12%	29	3.11%
TOTAL	134,039		932	

### **NUMBER OF LANES**

LANES	CRA	SHES	FAT/	ALITIES		
Two	59,582	44.45%	563	60.41%		
Four	37,118	27.69%	240	25.75%		
Six or More	12,908	9.63%	55	5.90%		
Three	6,343	4.73%	22	2.36%		
Five	4,862	3.63%	15	1.61%		
One	3,041	2.27%	7	0.75%		
Not Stated	10,185	7.60%	30	3.22%		
TOTAL	134,039		932			

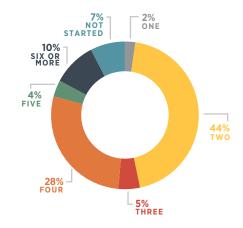
### **ROAD CONDITION**

CONDITION	CRA	SHES	FAT/	ALITIES		
Dry	98,538	73.51%	774	83.10%		
Wet	25,774	19.23%	130	13.90%		
lcy/Slushy	119	0.09%	1	0.10%		
Muddy	84	0.06%	0	0.00%		
Other/Unknown	9,524	7.11%	27	2.90%		
TOTAL	134,039		932			

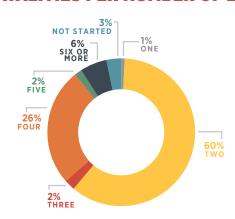
### **WEATHER**

CONDITION	CRA	CRASHES					
Clear	89,744	66.95%		611	65.56%		
Cloudy	22,661	16.91%		206	22.10%		
Rain	20,131	15.02%		97	10.41%		
Fog	792	0.59%		13	1.39%		
Snow/Sleet	115	0.09%		0	0.00%		
Other	596	0.44%		5	0.54%		
TOTAL	134,039			932			

### **CRASHES PER NUMBER OF LANES**



### **FATALITIES PER NUMBER OF LANES**



# **HOLIDAY** CRASH STATISTICS

### 2019 VS. 2020

HOLIDAY	YEAR	F/	ATALIT	IES	PERIOD	0	2	4	6	8	10	12	14	16	18
New Year	2019		9		6 pm, Fri., December 30, 2018 until 11:59 pm, Tue., January 2, 2019 (78 hrs)				++						
	2020		7		6 pm, Sun., December 30, 2019 until 11:59 pm, Wed., January 2, 2020 (78 hrs)										
Memorial Day	2019		11		6 pm, Fri., May 24, 2019 until 11:59 pm, Mon., May 27, 2019 (78 hrs)										
	2020		7		6 pm, Fri., May 22, 2020 until 11:59 pm, Mon., May 25, 2020 (78 hrs)										
July 4th	2019		6		6 pm, Wed., July 3, 2019 until 11:59 pm, Thurs., July 4, 2019 (30 hrs)										
	2020		2		6 pm, Fri., July 3, 2020 until 11:59 pm, Sat., July 4, 2020 (30 hrs)										
Labor Day	2019		7		6 pm, Fri., August 30, 2019 until 11:59 pm, Mon., September 2, 2019 (78 hrs)										
	2020		15		6 pm, Fri., September 4, 2020 until 11:59 pm, Mon., September 7, 2020 (78 hrs)										
Thanksgiving	2019		15		6 pm, Wed., November 27, 2019 until 11:59 pm, Sun., December 1, 2019 (102 hrs)										
	2020		13		6 pm, Wed., November 25, 2020 until 11:59 pm, Sun., November 29, 2020 (102 hrs)		+	++-	+-			-			
Christmas	2019		19		6 pm, Sun., December 22, 2019 until 11:59 pm, Thurs., December 26, 2019 (102 hrs)										
	2020		6		6 pm, Tues., December 22, 2020 until 11:59 pm, Sat., December 26, 2020 (102 hrs)										

<sup>\*</sup>Note that the hours for each holiday period may vary from one year to the other.

# TYPE OF ROADWAY

#### **TOTAL FOR STATE CRASHES FATALITIES** 10 20 **30** 40 **50 70** 80 90 100 60 State Route 25,273 18.9% 271 29.1% County 19.909 14.8% 230 24.7% U.S. Route 17,331 12.9% 163 17.5% City 52.382 39.1% 146 15.6% Interstate 14,891 11.1% 120 12.8% Other 4,253 3.2% 0.3% **TOTAL** 134,039 932 **RURAL AREAS** CRASHES FATALITIES 10 20 **30** 40 **50** 60 **70** 80 90 100 County 14,398 42.6% 214 36.8% State Route 7,473 22.1% 181 31.2% U.S. Route 4,668 13.8% 115 19.8% Interstate 6,696 19.9% 70 12.0% City 506 1.5% 0.2% Other 34 0.1% 0 0.0% **TOTAL** 33,775 581 **URBAN AREAS** CRASHES FATALITIES 10 20 30 40 50 60 70 80 90 100 City 51,876 51.7% 145 41.1% State Route 17,800 17.8% 90 25.8% Interstate 8.2% 8,195 50 14.2% 12,663 U.S. Route 12.6% 48 13.6% County 5.5% 5,511 4.5% 16 Other 4.219 4.2% 0.8% **TOTAL** 100,264 351

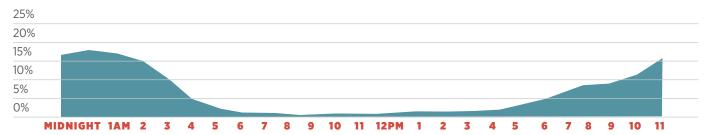
# ALCOHOL AND DRUG INVOLVEMENT

### DRIVERS SUSPECTED OF ALCOHOL OR DRUG IMPAIRMENT

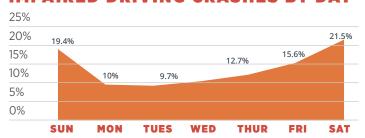
AGE	ALL*	MALE	FEMALE	UNKNOWN	0	100	200	300	400	<b>500</b>	600	700	800	900
0-14	3	2	1	0										
15-19	270	209	61	0										
20-24	722	531	189	2										
25-29	815	594	221	0										
30-34	644	463	181	0						=				
35-39	615	445	170	0						I I				
40-44	476	359	117	0					=					
45-49	384	269	112	3										
50-54	336	244	91	1										
55-59	323	249	74	0				=						
60-64	215	176	39	0										
65-69	101	82	19	0										
70-74	52	43	9	0	==									
75-over	27	23	3	1										
Unknown	124	56	4	64										
TOTAL	5,107	3,745	1,291	71										

<sup>\*</sup>All causal drivers who were cited for DUI.

### **IMPAIRED DRIVING CRASHES BY TIME**



#### IMPAIRED DRIVING CRASHES BY DAY

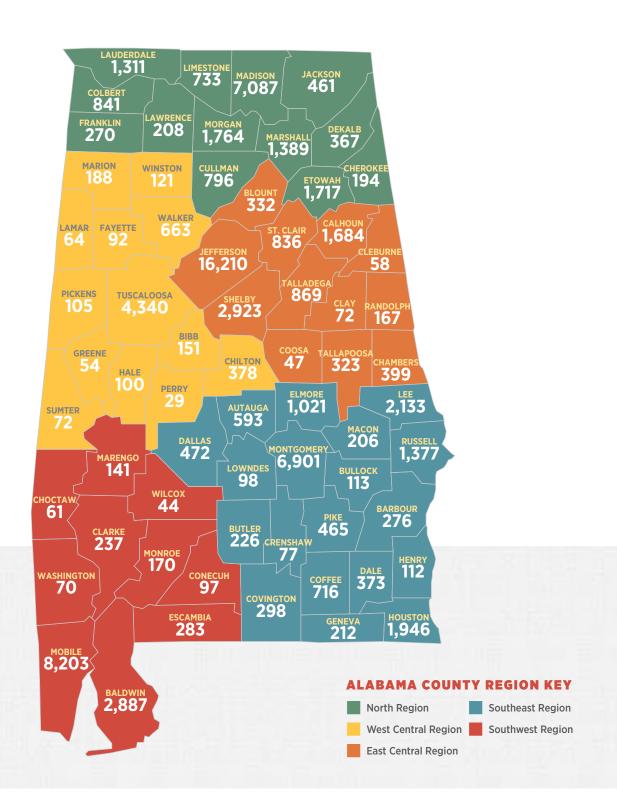


On average, less than 1 percent of crashes end in a fatality. However, for impaired driving crashes, the probability is much greater. The proportion of **FATALITY CRASHES INVOLUTING IMPAIRMENT** (3 percent) is **5.43 TIMES THAT OF CRASHES IN GENERAL** (0.5 percent), as reported in 2020.

There were 158 PEOPLE who died in 5,106
CRASHES with SUSPECTED ALCOHOL OR
DRUG IMPAIRMENT.

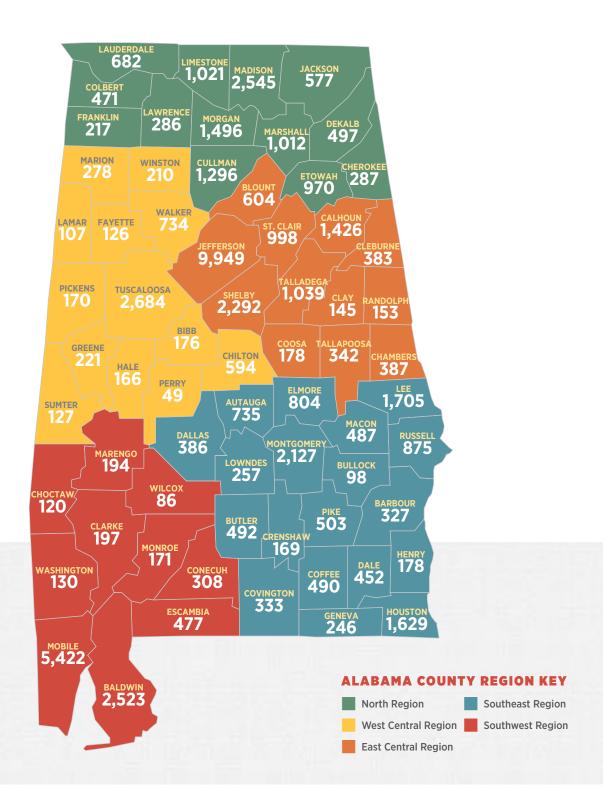
# INTERSECTION CRASHES BY COUNTY

### TOTAL INTERSECTION-RELATED CRASHES 77,223



# NON-INTERSECTION CRASHES BY COUNTY

### TOTAL NON-INTERSECTION-RELATED CRASHES 56,816



# THE **DRIVER**

### **DRIVER CONTRIBUTING CIRCUMSTANCES** WITH PERCENTAGE OF FATAL CRASHES TO ALL CRASHES

CIRCUMSTANCE	ALL CRASHES	 ATAL ASHES	0	<b>1%</b>	<b>2%</b>	<b>3%</b>	4%	<b>5%</b>	<b>6%</b>	<b>7%</b>	8%
Speeding	7,722	128			=						
Failed to Yield Right of Way	20,713	88									
Driving Under the Influence	4,016	81									
Aggressive Operation	2,681	80									
Ran Off Road	3,080	50									
Failure to Heed Sign/Signal/Officer	5,729	41									
Wrong Side of Road	552	38									
Unseen Object/Person/Vehicle	9,376	25									
Fatigued/Asleep	2,235	18									
Improper Lane Change/Use	7,896	18									
Swerved to Avoid Vehicle/Object	5,089	13									
Tailgating	16,115	7	:								
Misjudged Stopping Distance	10,473	4	1								
All Other	38,362	262									
TOTAL	134,039	853									

There may be multiple contributing circumstances in each crash.

The table above shows the primary cause determined by the officer reporting the crash.

# **MOTORCYCLE** CRASH STATISTICS

### **TEN YEAR DATA**

YEAR	MOTORCYCLIS	TS	INJURIES	FATALITIES	0	<b>500</b>	1,000	1,500	2,000	<b>2,500</b>
2011	1,925		1,438	97						
2012	1,912		1,477	92						
2013	1,583		1,173	76						
2014	1,650		1,251	64						
2015	1,601		1,254	74						
2016	1,828		1,297	114						
2017	1,918		1,222	79						
2018	1,859		1,262	83						
2019	1,867		1,213	90						
2020	1,685		1,115	72						

### **MOTORCYCLE INVOLVED CRASHES** BY AGE INCLUDES MOTOR SCOOTERS AND MOPEDS

AGE	CRASHES	INJURIES	FATALITIES
0-14	12	7	1
15-19	97	62	0
20-24	202	126	9
25-29	221	152	7
30-34	186	125	8
35-39	162	121	5
40-44	164	107	12
45-49	154	97	5
50-54	144	102	4
55-59	122	85	9
60-64	82	55	6
65-69	60	42	3
70-74	24	18	2
75-over	12	10	1
Unknown	43	6	0
TOTAL	1,685	1,115	72



**62% OF ALL FATAL MOTORCYCLE CRASHES WERE CAUSED BY THE** MOTORCYCLIST.

# SAFETY RESTRAINT USAGE

### SAFETY RESTRAINT USAGE

RESTRAINT USED	SEVERITY	DRI	VER	FRONT Passei		BACK PASSE		TOT	'ALS
	KILLED	224	0.10%	42	0.10%	8	0.10%	274	0.10%
Wearing Lap and	INJURED	21,710	10.80%	4,595	13.80%	1,358	10.70%	27,663	11.20%
Shoulder Belts	NO HARM	178,674	89.10%	28,661	86.10%	11,303	89.20%	218,638	88.70%
	SUBTOTAL	200,608		33,298		12,669		246,575	
	KILLED	1	0.10%	1	0.60%	0	0.00%	2	0.20%
Wearing Lap	INJURED	77	10.90%	23	13.30%	40	14.60%	140	12.10%
Belt Only	NO HARM	632	89.00%	149	86.10%	234	85.40%	1,015	87.70%
	SUBTOTAL	710		173		274		1,157	
	KILLED	0	0.00%	0	0.00%	0	0.00%	0	0.00%
Wearing Shoulder	INJURED	76	9.20%	27	21.380%	4	8.50%	107	10.70%
Belt Only	NO HARM	750	90.80%	100	78.70%	43	91.50%	893	89.30%
	SUBTOTAL	826		127		47		1,000	
	KILLED	298	5.40%	65	5.40%	20	2.70%	383	5.10%
None	INJURED	2,485	44.90%	577	47.70%	344	46.80%	3,406	45.50%
Used	NO HARM	2,753	49.70%	568	46.90%	371	50.50%	3,692	49.40%
	SUBTOTAL	5,536		1,210		735		7,481	
	KILLED	50	0.40%	6	0.40%	2	0.30%	58	0.40%
Unknown	INJURED	1,778	13.10%	391	26.40%	174	25.30%	2,343	14.90%
	NO HARM	11,697	86.50%	1,085	73.20%	512	74.40%	13,294	84.70%
	SUBTOTAL	13,525		1,482		688		15,695	

<sup>\*</sup>Seat belt use for non-fatal injured passengers may be over-estimated because reporting officers have no way to make a direct observation. Additionally, 58 fatalities had unknown restraint use.

### PERCENTAGE OF OCCUPANTS INVOLVED IN CRASHES



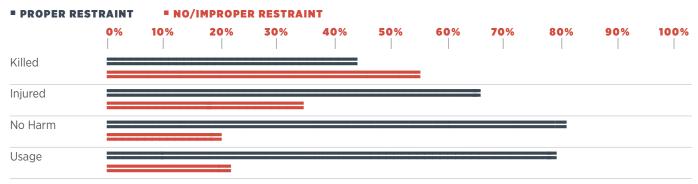
According to the crash reports, overall only 3.8 PERCENT OF PEOPLE **INVOLUED IN CRASHES WERE NOT USING SAFETY RESTRAINTS; however,** 

In contrast, 97.5 PERCENT OF PEOPLE involved in crashes but **NOT HARMED** were reported to have been **WEARING THEIR SEAT BELTS**.

### **CHILD RESTRAINT USAGE (UNDER 6 YEARS OLD)**

RESTRAINT USED	SEVERITY	FRONT SEAT PASSENGER			BACK S PASSEI		TO	TALS	
	KILLED		0	0.00%	4	0.10%	4	0.00%	
Child	INJURED		15	7.60%	498	7.40%	513	4.90%	
Restraint Used	NO HARM		182	92.40%	6,209	92.50%	6,391	95.10%	
	SUBTOTAL		197		6,711		6,908		
	KILLED		0	0.00%	3	0.20%	3	0.10%	
Child Restraint	INJURED		22	15.30%	180	11.70%	202	6.50%	
Used Improperly	NO HARM		122	84.70%	1,350	88.10%	1,472	93.40%	
	SUBTOTAL		144		1,533		1,677		
	KILLED		0	0.00%	2	1.40%	2	3.80%	
None	INJURED		7	33.30%	57	38.70%	64	12.40%	
Used	NO HARM		14	66.70%	88	59.90%	102	83.80%	
	SUBTOTAL		21		147		168		
	KILLED		0	0.00%	1	0.50%	1	0.00%	
Unknown	INJURED		8	34.80%	34	16.30%	42	11.00%	
	NO HARM		15	65.20%	173	83.20%	188	89.00%	
	SUBTOTAL		23		208		231		

### PERCENTAGE OF CHILD PASSENGERS INVOLVED IN CRASHES



According to the crash reports, overall,
OVER 21 PERCENT OF CHILDREN
INVOLVED IN CRASHES WERE NOT
IN A CHILD RESTRAINT OR WERE
IMPROPERLY RESTRAINED.

Over 80 PERCENT OF CHILDREN
INVOLUED IN CRASHES BUT NOT
HARMED were reported to have been
PROTECTED BY CHILD RESTRAINTS.

# **BICYCLE** CRASH STATISTICS

### **TEN YEAR DATA**

YEAR	BICYCLISTS	INJURIES	FATALITIES
2011	280	203	5
2012	278	225	9
2013	264	192	6
2014	203	195	8
2015	260	185	9
2016	290	214	4
2017	299	212	6
2018	277	209	9
2019	256	194	6
2020	220	168	8

In 2020, ABOUT 43% OF ALL BICYCLE CRASHES WERE CAUSED BY THE BICYCLIST.

14% of all bicycle crashes OCCUR ON RURAL ROUTES, and 86% of all bicycle crashes OCCUR IN URBAN STREETS.

### **BICYCLISTS INVOLVED IN CRASHES BY AGE**

AGE	BICYCLISTS	INJURIES FATALITIES	0	5	10	15	20	25	30	35	40
0-5	1	1 0	=			,				,	
6-10	13	11   0									
11-15	20	16   0									
16-20	10	9 0									
21-25	15	11   1									
26-30	18	12   <b>2</b>									
31-40	35	30   0									
41-50	23	14   3		<del></del>							
51-60	43	36   <mark>1</mark>									
61-70	30	21   <mark>1</mark>									
71-up	3	2 0	=								
Unknov	vn 9	5 0									
TOTAL	220	168   8									

# PEDESTRIAN CRASH STATISTICS

### **TEN YEAR DATA**

YEAR	PEDESTRIANS	INJURIES	FATALITIES
2011	741	589	84
2012	798	651	80
2013	757	639	57
2014	818	623	95
2015	834	656	96
2016	932	724	122
2017	882	706	113
2018	861	691	106
2019	905	713	114
2020	725	574	97



In 2020, 62 PERCENT of all FATAL PEDESTRIAN CRASHES were CAUSED BY THE PEDESTRIAN.

PEDESTRIANS are more likely to be
INVOLVED IN TRAFFIC CRASHES when they
are DISTRACTED by their SMART PHONES.

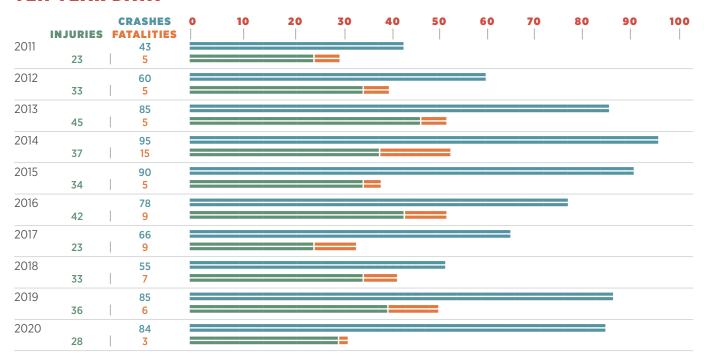
### PEDESTRIANS INVOLVED BY AGE AND SEVERITY

	DESTRIANS	INJURIES FATALITIES	0	20	40	60	80	100	120
0-5	25	20 4							
6-10	15	12 2	:						
11-15	21	20							
16-20	52	46 3				=			
21-25	82	66 5				<del></del>	:		
26-30	66	52 9				=			
31-40	144	120 15							
41-50	92	70 15		===			=		
51-60	100	78 17							
61-70	73	51 15							
71-up	40	33 5							
Unknowi	n <b>15</b>	6 7							
TOTAL*	725	574 97							

<sup>\*</sup>Total number of pedestrians involved.

# TRAIN INVOLVED CRASH STATISTICS

#### TEN YEAR DATA



### **RAILROAD CRASHES**

INJURY SEVERITY	TOTAL
Injuries	28
Fatalities	3
Crashes	84

The number of railroad

### INJURIES

and

### DECREASED

in 2020.



**DRIVER BEHAVIOR ISSUES** include ignoring

flashing lights or other active warning devices, passing through barrier gates, and driving around already lowered gates/failure to observe passive warning devices.

According to NHTSA, A MOTORIST IS ALMOST 20 TIMES MORE LIKELY TO DIE IN A CRASH INVOLUING A TRAIN than in a collision involving another motor vehicle.

# WORK ZONE CRASH STATISTICS

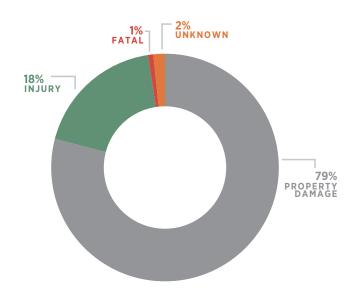
### **TEN YEAR DATA**

YEAR	INJURY CRASHES	INJURIES	FATAL CRASHES	<b>FATALITIES</b>
2011	585	869	19	21
2012	477	707	23	25
2013	541	808	22	24
2014	504	750	21	23
2015	492	705	31	31
2016	652	954	18	19
2017	640	963	26	31
2018	769	1155	27	34
2019	589	812	16	16
2020	441	616	18	19

### **WORK ZONE CRASHES**

CRASH SEVERITY	CRASHES		
Property Damage	1,880		
Injury	441		
Fatal	18		
Unknown	39		
TOTAL	2,378		

### **WORK ZONE CRASHES**



Drivers need to be particularly alert when traveling through highway work zones. When a road is not in its usual condition due to construction, it is essential to slow down. Fines for speeding double in work zones when construction workers are present. Work zone crashes are dangerous to both highway workers and motorists.

MOST WORK ZONE CRASHES ARE REAR-END COLLISIONS, RESULTING FROM SPEEDING OR INATTENTIVE DRIVING.

ALDOT promotes Work Zone

Awareness in April of each year.

Alabama's theme for

WORK ZONE
AWARENESS

in 2020 was

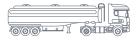
SAFE WORK
ZONES FOR ALL

# TRUCK CRASH STATISTICS

#### **TEN YEAR DATA**

YEAR	TRUCKS INVOLVED	INJURIES	FATALITIES
2011	6,927	1,715	92
2012	5,798	1,562	90
2013	7,322	1,982	116
2014	7,782	2,184	89
2015	8,484	2,367	118
2016	8,937	2,345	157
2017	9,351	2,563	101
2018	10,079	2,629	121
2019	10,486	2,612	137
2020	8,579	2,330	130

### TRUCK DEFINITION



A truck is defined as any vehicle heavier than a light truck or SUV, including delivery truck, 18 wheeler, tow truck, dually, or work truck. Truck does not include a bus of any type.

### **PRIMARY CAUSE OF ALL CRASHES** WITH TRUCK INVOLVEMENT\*

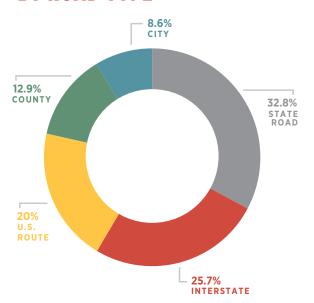
PRIMARY CAUSE	CF	RASH	ES
Improper Lane Change or Use	1,138		13.3%
Failed to Yield Right of Way	871		10.2%
Unseen Object, Person, or Vehicle	699		8.1%
Tailgating	607		7.1%
Misjudged Stopping Distance	386		4.5%
Defective Equipment	344		4.0%
Avoiding Animal, Object, or Person	324		3.8%
Improper Backing	306		3.6%
Improper Turn	292		3.4%
Crossed Median/Centerline	253		2.9%
Driving too Fast for Conditions	244		2.8%
Improper Passing	203		2.4%
Failure to Heed Sign/Signal	170		1.9%
Fatigued/Asleep	160		1.9%
Ran Off Road	142		1.7%
Driving Under the Influence	123		1.4%
Aggressive Driving	117		1.3%
Over the Speed Limit	92		1.1%
Unknown	369		4.3%
All Other	1,739		20.3%
TOTAL	8,579		100%

<sup>\*</sup>There is no inference as to whether the truck or another type of vehicle was the cause of the crash.

## **TOTAL FOR ALL CRASHES WITH** TRUCK INVOLVEMENT

ROAD TYPE	CRAS	SHES	FATA	LITIES
State Route	1,625	18.9%	46	32.8%
Interstate	2,458	28.7%	33	25.7%
U.S. Route	1,320	15.4%	28	20%
County	856	9.9%	14	12.9%
City	2,059	24%	9	8.6%
Other	261	3.1%	0	0%
TOTAL	8,579	100%	130	100%

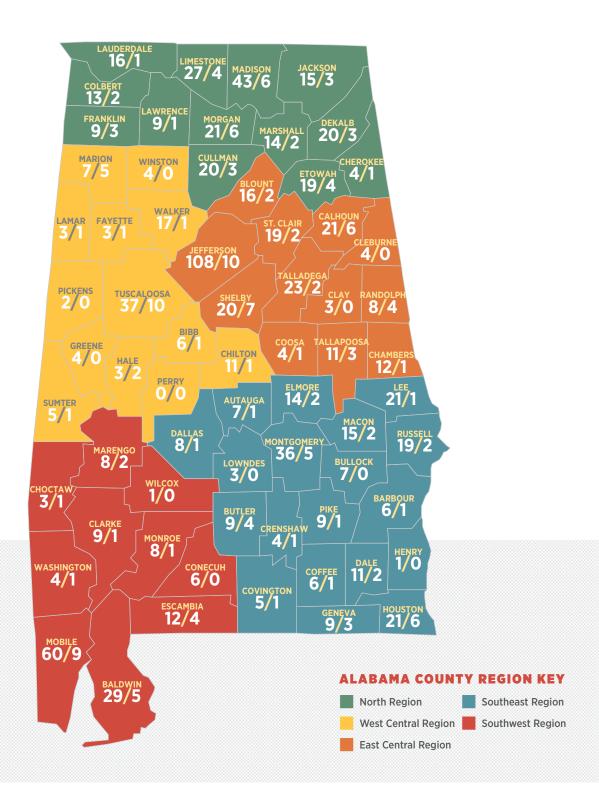
### TRUCK INVOLVED FATALITIES BY ROAD TYPE



# FATALITIES BY COUNTY

TOTAL TRAFFIC FATALITIES 932 (First Figure)

TRAFFIC FATALITIES WITH APPARENT ALCOHOL OR DRUG INVOLVEMENT 158 (Second Figure)







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