

# 2016

## Jackson County Crash Profile



Prepared by

Gainesville-Hall Metropolitan Planning Organization

Based on Crash Data from

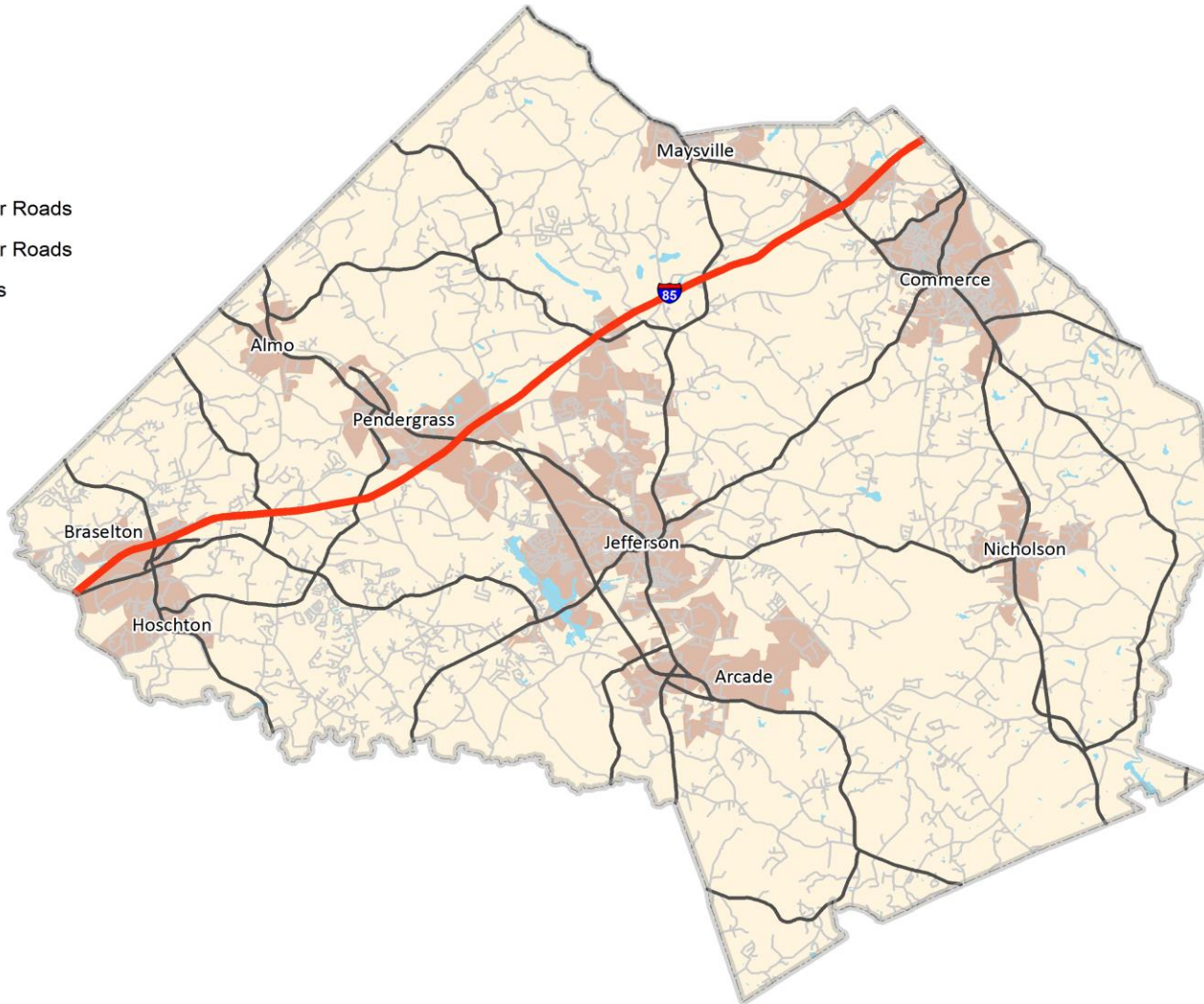
Georgia Electronic Accident Reporting System (GEARS)

6/1/2016

# Jackson County, Georgia

## Legend

- I-85
- Major Roads
- Minor Roads
- Cities



0 1.25 2.5 5 7.5 10 Miles

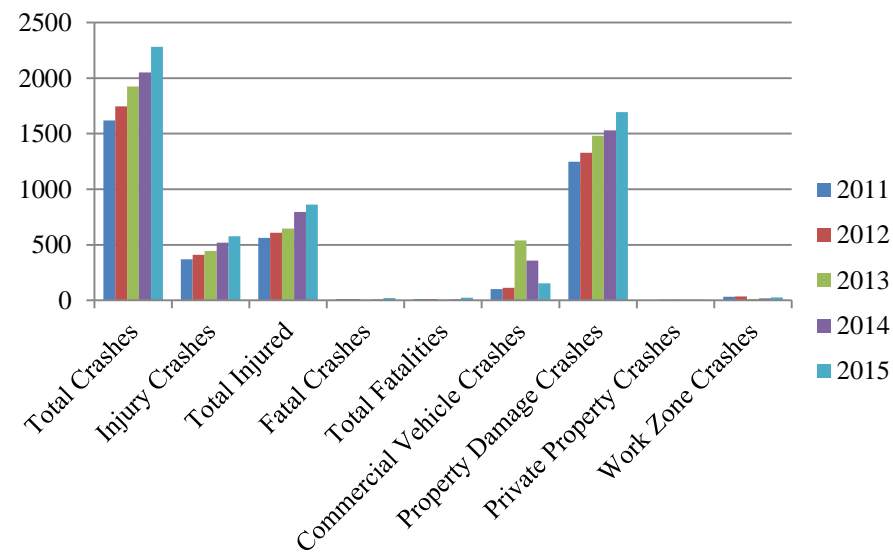


Figure 1: Jackson County, Georgia

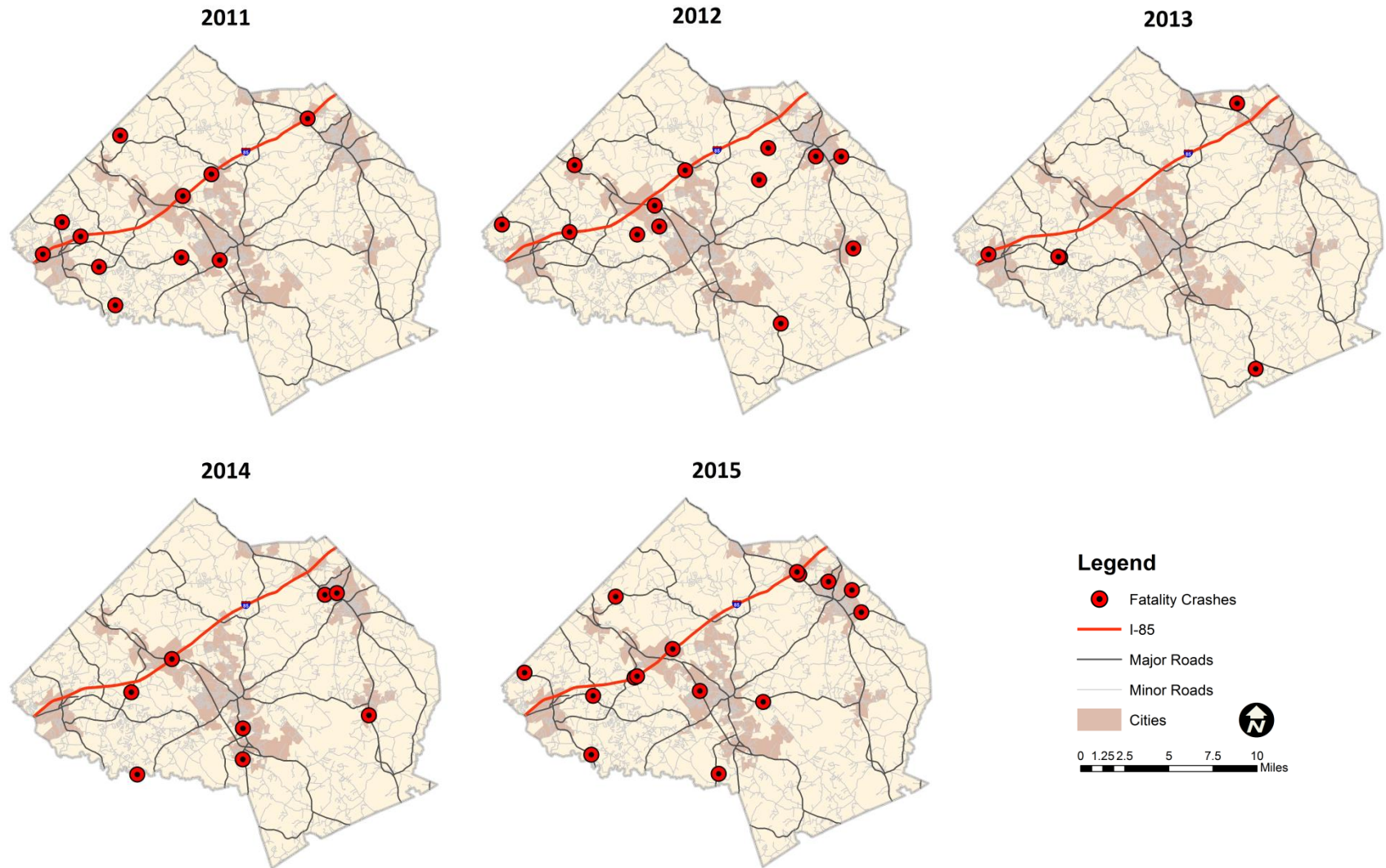
This profile has been prepared based upon crash data available from the Georgia Electronic Accident Reporting System (GEARS) developed by the Georgia Department of Transportation. Data was pulled from this tool for the time period of 2011 through 2015.

The following table and graph show certain crash statistics by year. The data shows that total crashes have increased every year.

	2011	2012	2013	2014	2015
Total Crashes	1,601	1,747	1,926	2,052	2,281
Injury Crashes	368	409	443	518	577
Total Injured	561	609	647	794	862
Fatal Crashes	12	13	5	10	19
Total Fatalities	13	13	5	10	23
Commercial Vehicle Crashes	101	112	540	358	152
Property Damage Crashes	1,249	1,329	1,481	1,529	1,695
Private Property Crashes	0	6	8	6	7
Work Zone Crashes	32	36	12	16	26



**Crashes with fatalities** decreased from twelve in 2011 to five in 2013 but rose to nineteen by 2015.





**I-85** and **Highway 53** were the most accident prone locations.

## High Accident Locations

January 1, 2011 through December 31, 2015

	TOTAL COLLISIONS	TOTAL FATAL COLLISIONS	TOTAL INJURY COLLISIONS	TOTAL PROPERTY DAMAGE	NUMBER KILLED	NUMBER INJURED
N BOUND I 85 & HIGHWAY 53	80	0	7	73	0	9
HIGHWAY 53 & I 85	58	0	11	47	0	16
S BOUND I 85 & HIGHWAY 53	57	0	7	50	0	9
HIGHWAY 53 & CHARDONNAY TRCE	32	0	2	30	0	3
HIGHWAY 53 &	26	0	0	26	0	0
SR 11 & I 85	25	1	12	12	1	23
HWY 129 N & I 85	25	0	2	23	0	2
HIGHWAY 124 & HIGHWAY 53	24	0	2	22	0	3
SR 98 & SR 15	23	0	7	16	0	12
S BOUND I 85 & HIGHWAY 211	22	0	3	19	0	7
SYCAMORE ST & MARTIN ST	20	0	3	17	0	7
I 85 S & HWY 129	20	0	0	20	0	0
SR 15 & SR 98	20	1	13	6	1	37
I 85 & HWY 129	18	0	1	17	0	2
HIGHWAY 53 & HIGHWAY 124	18	0	3	15	0	4



## I-85 / Highway 53 Crashes 2011-2015

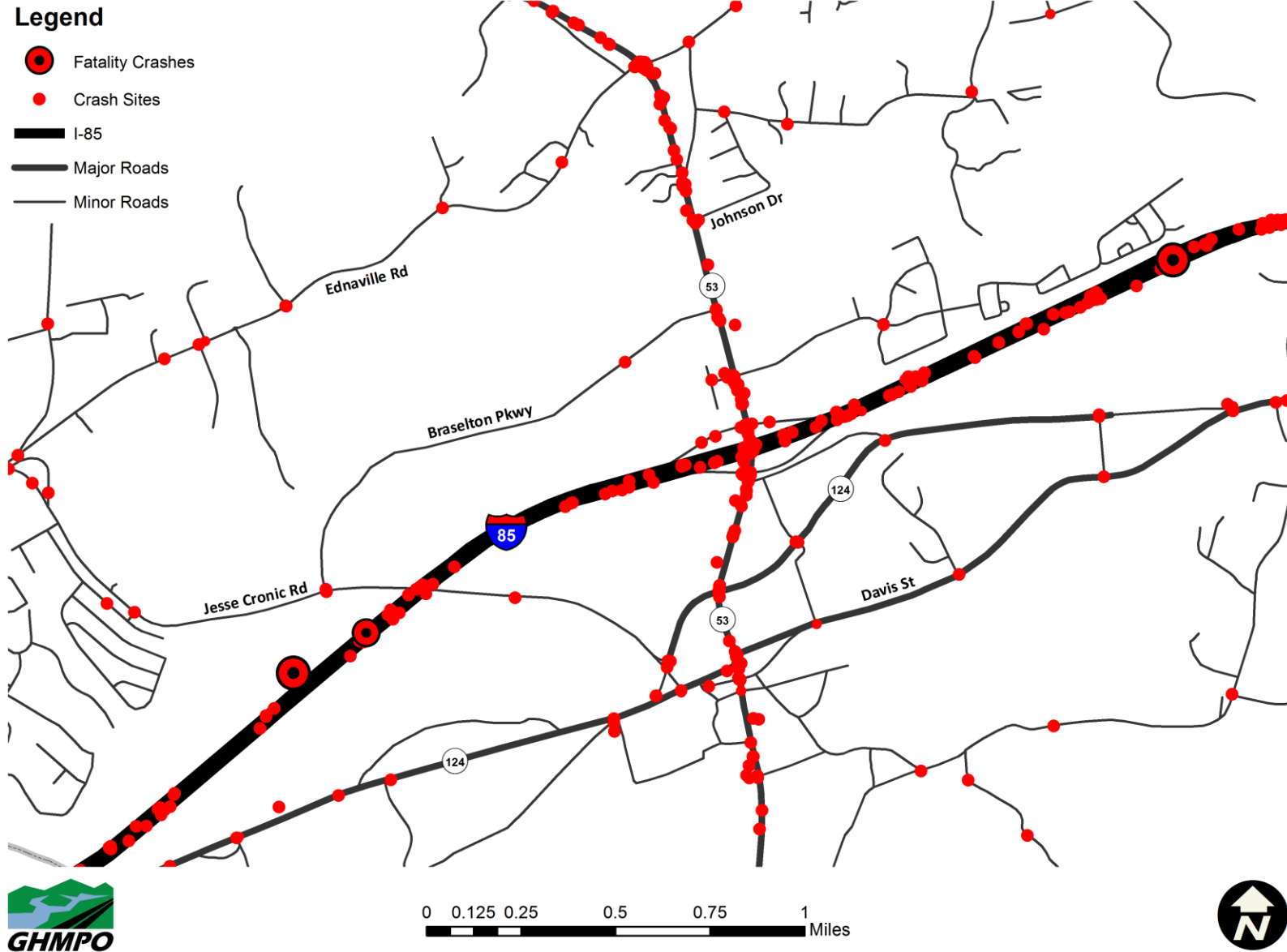


Figure 2: I-85/Hwy 53 Crashes from 2011-2015. (Data Source: GEARS)

Majority of the collisions observed occurred during the **afternoon rush hours** between 4:00 p.m. and 7:00 p.m.:

## Collisions by Time of Day

January 1, 2011 through December 31, 2015

	TOTAL COLLISIONS	TOTAL FATAL COLLISIONS	TOTAL INJURY COLLISIONS	TOTAL PROPERTY DAMAGE	NUMBER KILLED	NUMBER INJURED
22:00 TO 23:59 - LATE EVENING	478	2	115	361	3	156
09:00 TO 10:59 - MID MORNING	652	2	165	485	2	240
00:00 TO 05:59 - LATE NIGHT	949	6	221	722	6	304
19:00 TO 21:59 - EARLY EVENING	1,161	14	249	898	15	380
06:00 TO 08:59 - TO WORK	1,376	6	298	1,072	8	425
14:00 TO 15:59 - MID AFTERNOON	1,434	12	357	1,065	13	595
11:00 TO 13:59 - LUNCH	1,454	8	347	1,099	8	540
16:00 TO 18:59 - FROM WORK	2,127	9	533	1,585	9	833
<b>Total:</b>	<b>9,631</b>	<b>64</b>	<b>2,285</b>	<b>7,287</b>	<b>59</b>	<b>3,473</b>



Over the past five years, **Friday** had the highest number of collisions of the week:

## Collisions by Day of the Week

January 1, 2011 through December 31, 2015

	TOTAL COLLISIONS	TOTAL FATAL COLLISIONS	TOTAL INJURY COLLISIONS	TOTAL PROPERTY DAMAGE	NUMBER KILLED	NUMBER INJURED
<b>Sunday</b>	1,245	9	302	934	9	484
<b>Monday</b>	1,391	10	315	1,066	12	471
<b>Tuesday</b>	1,361	2	305	1,054	2	432
<b>Wednesday</b>	1,395	8	368	1,019	9	523
<b>Thursday</b>	1,359	11	314	1,034	12	483
<b>Friday</b>	1,589	8	371	1,210	9	574
<b>Saturday</b>	1,291	11	310	970	11	506
<b>Total:</b>	9,631	64	2,285	7,287	59	3,473





# Collisions by Contributing Factors

January 1, 2011 through December 31, 2015



While many collisions had no contributing factors, among the collisions that did have a contributing factor, **following the vehicle in front too closely** was the primary factor, followed by **collision with an object or an animal**.

	TOTAL COUNT
Cell Phone	29
Changed Lanes Improperly	157
D.U.I	239
Disregard Police Officer	3
Disregard Stop Sign/Signal	88
Distracted	256
Driver Condition	101
Driver Lost Control	631
Driverless Vehicle	12
Exceeding Speed Limit	19
Failed to Yield	729
Following too Close	1,401
Improper Backing	222
Improper Passing	38
Improper Turn	93
Inattentive	305
Mechanical Or Vehicle Failure	244
Misjudged Clearance	236
No Contributing Factors	3,219
No Signal/Improper Signal	3
Object Or Animal	1,143
Other	344
Parked Improperly	14
Surface Defects	14
Too Fast For Conditions	235
Weather Conditions	406
Wrong Side of Road	68
<b>Total:</b>	<b>10,249</b>

Drivers between ages **20 and 25** were involved in more crashes than any other age group.

## Driver's Age at Time of Collision

January 1, 2011 through December 31, 2015

	TOTAL COLLISIONS INVOLVED WITH	TOTAL PROPERTY DAMAGE	NUMBER KILLED INVOLVED WITH	NUMBER INJURED INVOLVED WITH
NOT SPECIFIED	414	378	1	35
13 TO 15	15	6	0	9
16	213	160	0	53
17	345	251	3	91
18	385	266	3	116
19	349	247	0	102
20 TO 25	1,660	1239	6	415
26 TO 30	949	717	9	223
31 TO 40	1,573	1213	5	355
41 TO 50	1,507	1178	8	321
51 TO 60	1,068	805	5	258
61 TO 70	616	437	5	174
71 TO 80	327	249	6	72
81 TO 90	88	62	0	26



**Male** drivers were involved in more crashes than female drivers and accounted for **twice the amount of fatalities**.

## Driver's Gender at Time of Collision

January 1, 2011 through December 31, 2015

LOCATION: ALL

	TOTAL COLLISIONS	TOTAL FATAL COLLISIONS	TOTAL INJURY COLLISIONS	TOTAL PROPERTY DAMAGE	NUMBER KILLED	NUMBER INJURED
Male	6,772	46	1,650	5,076	51	2,544
Female	5,370	25	1,331	4,014	25	2,148
Total:	12,142	71	2,981	9,090	76	4,692



**November** and **December** had the highest number of collisions. This happens to be the period when daylight savings time ends. We cannot tell from this data, however, whether the reduction in daylight is the contributing factor why the number of collisions went up during this period.

## Collisions by Month

January 1, 2011 through December 31, 2015

	TOTAL COLLISIONS	TOTAL FATAL COLLISIONS	TOTAL INJURY COLLISIONS	TOTAL PROPERTY DAMAGE	NUMBER KILLED	NUMBER INJURED
JANUARY	773	2	174	597	2	247
FEBRUARY	685	6	144	536	5	216
MARCH	796	3	202	591	3	296
APRIL	657	13	152	494	11	251
MAY	751	4	169	578	4	262
JUNE	716	7	192	517	7	297
JULY	729	3	184	542	3	255
AUGUST	769	4	200	565	4	302
SEPTEMBER	731	5	175	551	5	261
OCTOBER	827	9	205	614	8	310
NOVEMBER	1,113	5	246	863	4	399
DECEMBER	1,084	3	242	839	3	377
<b>Total:</b>	9,631	59	2,285	7,287	64	3,473



While most of the traffic volumes were on higher classes of roads such as freeways and arterials, most of the collisions occurred on **local roads** and **collectors**. This could be because there are more local roads and collector streets than freeways and arterials. In addition, the lower classes of roads contain traffic lights, intersections, and stop signs—points where collisions are likely to occur.

## Collisions by Road Classification

January 1, 2011 through December 31, 2015

	TOTAL COLLISIONS	TOTAL FATAL COLLISIONS	TOTAL INJURY COLLISIONS	TOTAL PROPERTY DAMAGE	NUMBER KILLED	NUMBER INJURED
Interstate	1,365	11	265	1,089	12	442
Other	6,090	26	1,160	4,904	29	1,630
State Route	2,009	21	822	1,166	22	1,348
US Route	167	1	38	128	1	53
<b>Total:</b>	<b>9,631</b>	<b>59</b>	<b>2,285</b>	<b>7,287</b>	<b>64</b>	<b>3,473</b>

