



Program Provided by:
 Traffic Engineering Division
 Collision Analysis and Safety Branch
 (405) 522-0985
 Created: 02/08/2019
 by Shelby Templin

Study Map & Totals

Legend

- ▲ Fatality
- Injury
- Property Damage



Remarks:

NONE

1 NONMAPPABLE COLLISIONS **

Date Range: 01-01-2012 thru 12-31-2017

	2012						2013						2014					
	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot
Collisions	1	1	13	22	87	124	2	5	18	25	110	160	5	12	27	88	132	
Persons	1	1	19	29		50	2	6	30	41	79		5	16	37		58	



STUDY TOTALS (CONT.)

Date Range: 01-01-2012 Thru 12-31-2017

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	2015						2016						2017*					
	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	Incap Inj	Non-Incap Inj	Poss Inj	PD	Tot
Collisions	1		9	15	106	131	6	12	29	86	133	1	2	7	20	87	117	
Persons	1		12	21		34	6	20	44		70	1	3	10	26		40	

* DENOTES A YEAR FOR WHICH DATA MAY BE INCOMPLETE.

	Study Total					
	Fatality	Incapacitating Injury	Non-Incapacitating Injury	Possible Injury	Property Damage	Total
Collisions	5	19	71	138	564	797
Persons	5	21	107	198		331

** NONMAPPABLE COLLISIONS ARE NOT PLOTTED ON THE MAP DUE TO INSUFFICIENT LOCATION INFORMATION.



STUDY TOTALS - BY CITY AND HWY CLASS

Date Range: 01-01-2012 Thru 12-31-2017

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STUDY TOTALS

Year	HIGHWAY COLLISIONS				CITY STREET COLLISIONS				COUNTY ROAD COLLISIONS				TOTAL COLLISIONS			
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot
2012	1	36	87	124									1	36	87	124
2013	2	48	110	160									2	48	110	160
2014		44	88	132										44	88	132
2015	1	24	106	131									1	24	106	131
2016		47	86	133										47	86	133
2017 *	1	29	87	117									1	29	87	117
Total:	5	228	564	797				0				0	5	228	564	797

* DENOTES A YEAR FOR WHICH DATA MAY BE INCOMPLETE.

County: (26) GRADY

	HIGHWAY COLLISIONS				CITY STREET COLLISIONS				COUNTY ROAD COLLISIONS				TOTAL COLLISIONS			
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot
(15) CHICKASHA	3	227	556	786									3	227	556	786
(50) NINNEKAH	2	1	8	11									2	1	8	11
Total:	5	228	564	797				0				0	5	228	564	797

* INCLUDES INCAPACITATING, NON-INCAPACITATING, AND POSSIBLE INJURIES.



TABULATION OF COLLISIONS

Date Range: 01-01-2012 Thru 12-31-2017

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Collisions By Type Of Collision

Type Of Collision	2012				2013				2014				2015				2016			
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot
Rear-End (front-to-rear)		13	24	37		17	32	49		16	32	48		7	34	41		19	27	46
Head-On (front-to-front)							2	2										1		1
Right Angle (front-to-side)	1	10	12	23	1	13	16	30		12	11	23		4	17	21		9	15	24
Angle Turning		7	23	30		5	34	39		9	27	36		8	27	35		15	20	35
Other Angle																			1	1
Sideswipe Same Direction		1	15	16		3	14	17		2	12	14		3	16	19			15	15
Sideswipe Opposite Direction			1	1						1	1	2			2	2				
Fixed Object		4	4	8		2	5	7		1	4	5		2	3	5		2	5	7
Pedestrian		1		1		2		2		2		2								
Pedal Cycle																				
Animal							1	1												
Overturn/Rollover			2	2		2		2						1		1				2
Vehicle-Train																				
Other Single Vehicle Crash			1	1																
Other			5	5	1	4	6	11		1	1	2			6	6		1	3	4
Total	1	36	87	124	2	48	110	160		44	88	132	1	24	106	131		47	86	133
Percent	0.1	4.5	10.9	15.6	0.3	6.0	13.8	20.1		5.5	11.0	16.6	0.1	3.0	13.3	16.4		5.9	10.8	16.7

Collisions By Type Of Collision

Type Of Collision	2017*				Total				Pct
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	
Rear-End (front-to-rear)		10	33	43		82	182	264	33.1
Head-On (front-to-front)		1		1		2	2	4	0.5
Right Angle (front-to-side)		7	13	20	2	55	84	141	17.7
Angle Turning		7	26	33		51	157	208	26.1
Other Angle							1	1	0.1
Sideswipe Same Direction		2	5	7		11	77	88	11.0
Sideswipe Opposite Direction						1	4	5	0.6
Fixed Object		1	4	5		12	25	37	4.6
Pedestrian	1	1		2	1	6		7	0.9
Pedal Cycle									
Animal							1	1	0.1
Overturn/Rollover			2	2	1	2	5	8	1.0
Vehicle-Train									
Other Single Vehicle Crash							1	1	0.1
Other			4	4	1	6	25	32	4.0
Total	1	29	87	117	5	228	564	797	100
Percent	0.1	3.6	10.9	14.7	0.6	28.6	70.8	100	

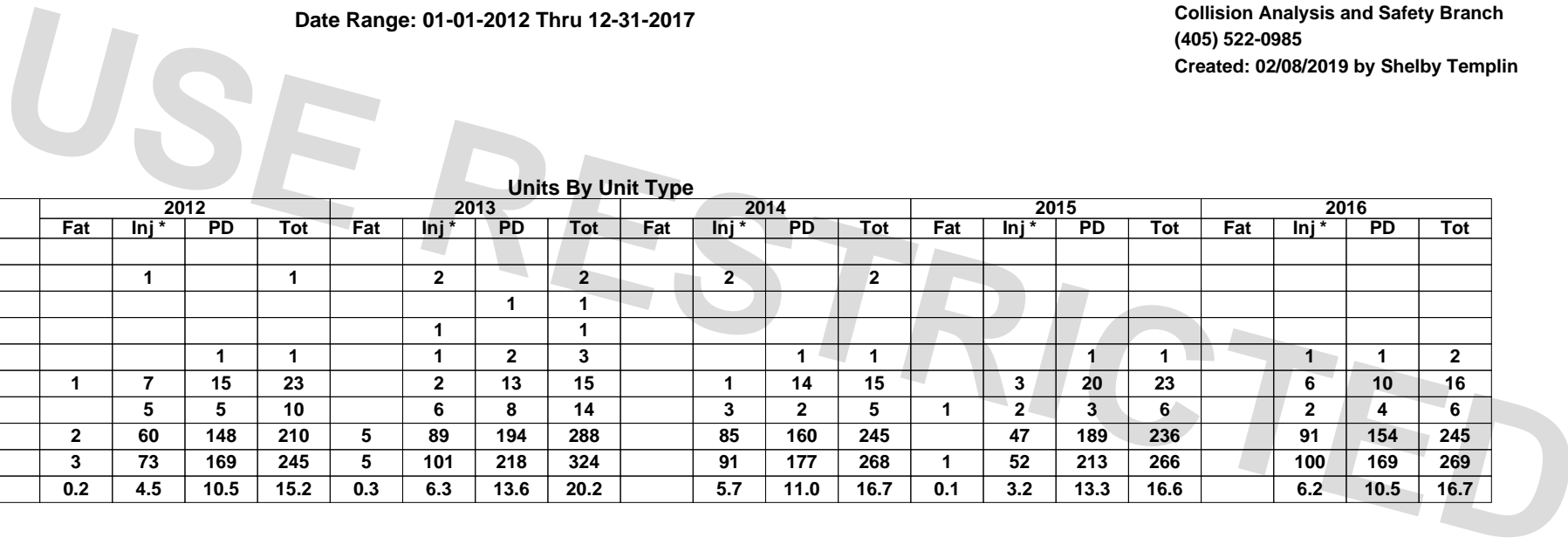
* INCLUDES INCAPACITATING, NON-INCAPACITATING, AND POSSIBLE INJURIES.



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Units By Unit Type

Unit Type	2012				2013				2014				2015				2016			
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot
Train																				
Pedestrian		1		1		2		2		2		2								
Animal							1	1												
Pedal Cycle						1		1												
Parked Vehicle			1	1		1	2	3			1	1			1	1		1	1	2
CMV	1	7	15	23		2	13	15		1	14	15		3	20	23		6	10	16
Other Single Vehicle		5	5	10		6	8	14		3	2	5	1	2	3	6		2	4	6
Other Multi-Vehicle	2	60	148	210	5	89	194	288		85	160	245		47	189	236		91	154	245
Total	3	73	169	245	5	101	218	324		91	177	268	1	52	213	266		100	169	269
Percent	0.2	4.5	10.5	15.2	0.3	6.3	13.6	20.2		5.7	11.0	16.7	0.1	3.2	13.3	16.6		6.2	10.5	16.7

Units By Unit Type

Unit Type	2017*				Total				
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Pct
Train									
Pedestrian	1	1		2	1	6		7	0.4
Animal							1	1	0.1
Pedal Cycle						1		1	0.1
Parked Vehicle						2	6	8	0.5
CMV		7	11	18	1	26	83	110	6.8
Other Single Vehicle	1	1	5	7	2	19	27	48	3.0
Other Multi-Vehicle		53	155	208	7	425	1000	1432	89.1
Total	2	62	171	235	11	479	1117	1607	100
Percent	0.1	3.9	10.6	14.6	0.7	29.8	69.5	100	



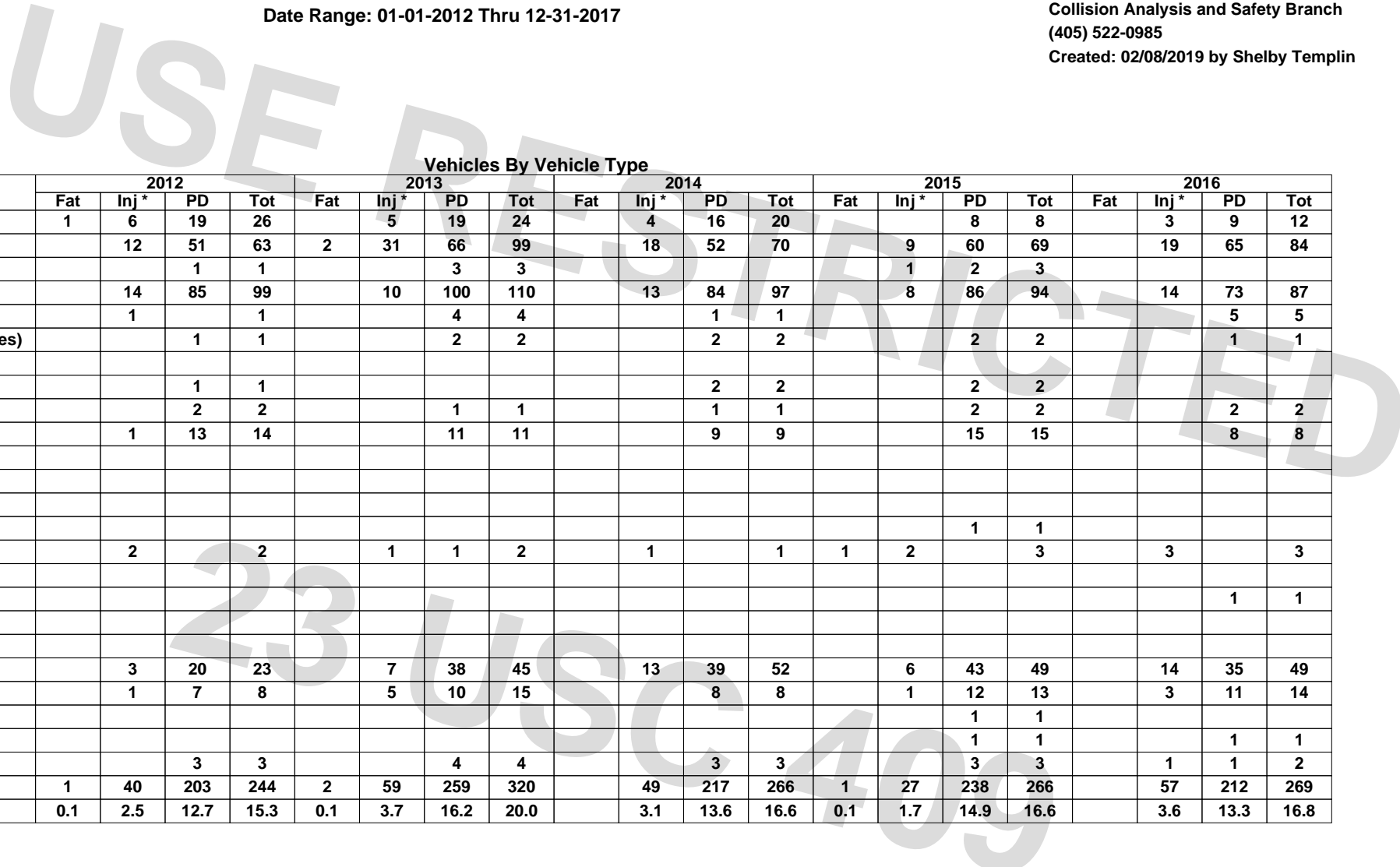
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Vehicles By Vehicle Type

Vehicle Type	2012				2013				2014				2015				2016			
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot
Passenger Vehicle-2 Door	1	6	19	26		5	19	24	4	16	20			8	8			3	9	12
Passenger Vehicle-4 Door		12	51	63	2	31	66	99	18	52	70		9	60	69			19	65	84
Passenger Vehicle-Convertible			1	1			3	3					1	2	3					
Pickup Truck		14	85	99		10	100	110		13	84	97		8	86	94		14	73	87
Single-Unit Truck (2 axles)		1		1			4	4			1	1							5	5
Single-Unit Truck (3 or more axles)			1	1			2	2			2	2			2	2			1	1
School Bus																				
Truck/Trailer			1	1							2	2			2	2				
Truck-Tractor (bobtail)			2	2			1	1			1	1			2	2			2	2
Truck-Tractor/Semi-Trailer		1	13	14			11	11			9	9			15	15			8	8
Truck-Tractor/Double																				
Truck-Tractor/Triple																				
Bus/Large Van (9-15 seats)																				
Bus (16+ seats)															1	1				
Motorcycle		2		2		1	1	2		1		1	1	2		3		3		3
Motor Scooter/Moped																				
Motor Home																			1	1
Farm Machinery																				
ATV																				
Sport Utility Vehicle (SUV)		3	20	23		7	38	45		13	39	52		6	43	49		14	35	49
Passenger Van		1	7	8		5	10	15			8	8		1	12	13		3	11	14
Truck More Than 10,000 lbs.															1	1				
Van (10,000 lbs. or less)															1	1			1	1
Other			3	3			4	4			3	3		3	3			1	1	2
Total	1	40	203	244	2	59	259	320		49	217	266	1	27	238	266		57	212	269
Percent	0.1	2.5	12.7	15.3	0.1	3.7	16.2	20.0		3.1	13.6	16.6	0.1	1.7	14.9	16.6		3.6	13.3	16.8

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Vehicles By Vehicle Type

Vehicle Type	2017*				Total				
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Pct
Passenger Vehicle-2 Door		2	8	10	1	20	79	100	6.3
Passenger Vehicle-4 Door		20	61	81	2	109	355	466	29.2
Passenger Vehicle-Convertible						1	6	7	0.4
Pickup Truck		6	67	73		65	495	560	35.0
Single-Unit Truck (2 axles)			2	2		1	12	13	0.8
Single-Unit Truck (3 or more axles)			1	1			9	9	0.6
School Bus									
Truck/Trailer			2	2			7	7	0.4
Truck-Tractor (bobtail)			1	1			9	9	0.6
Truck-Tractor/Semi-Trailer		1	12	13		2	68	70	4.4
Truck-Tractor/Double									
Truck-Tractor/Triple									
Bus/Large Van (9-15 seats)									
Bus (16+ seats)							1	1	0.1
Motorcycle		1		1	1	10	1	12	0.8
Motor Scooter/Moped									
Motor Home							1	1	0.1
Farm Machinery									
ATV									
Sport Utility Vehicle (SUV)		1	39	40		44	214	258	16.1
Passenger Van		1	6	7		11	54	65	4.1
Truck More Than 10,000 lbs.			1	1			2	2	0.1
Van (10,000 lbs. or less)							2	2	0.1
Other			1	1		1	15	16	1.0
Total		32	201	233	4	264	1330	1598	100
Percent		2.0	12.6	14.6	0.3	16.5	83.2	100	

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USE RESTRICTED 409

Day And Time Of Occurrence Of Collisions

Day	Hour Of The Day																								Tot	Pcnt						
	AM												PM																			
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12								
Sunday	1				1			2	1	2		12	7	3	4	1	6	4	2	1			1	1	49	6.1						
Monday		1	1			2	4	8	3	1	10	12	11	10	12	17	7	5	4	4	3			1	117	14.7						
Tuesday			1	1	1	1	11	8	6	5	15	16	8	10	13	13	11	1	4	3	6	2			137	17.2						
Wednesday		1				2	3	3	4	5	7	11	9	15	13	9	11	7	4	1	2	3		1	112	14.1						
Thursday	1				1	2	3	2	9	6	16	15	14	11	11	12	11	14	5	8	1	2	1	1	147	18.4						
Friday				1	1	2	4	3	4	8	13	7	15	13	11	11	9	13	8	5	6	4	1	1	141	17.7						
Saturday		1				3	1	6	4	7	8	9	6	7	11	4	5	7	1	4	3	2	5		94	11.8						
Total	Early Morning - Sunrise						Morning Peak						Mid Morning/Afternoon						PM Peak						Evening - Late Night						Tot	100
	25						89						399						178						106						797	
Percent	3.1						11.2						50.1						22.3						13.3						100	

Roadway/Lighting

Roadway Conditions	Lighting Conditions					Total	Percent
	Daylight	Darkness	Twilight	Lighted	Unknown		
Dry	596	17	8	92	1	714	89.6
Wet (Water)	40	1	4	16		61	7.7
Ice, Snow, or Slush	16			3		19	2.4
Mud, Dirt, Gravel, or Sand	1					1	0.1
Other	1	1				2	0.3
Total	654	19	12	111	1	797	100
Percent	82.1	2.4	1.5	13.9	0.1	100	

Weather Conditions

Weather Conditions	Total	Percent
Clear	660	82.8
Clouds Present	78	9.8
Raining/Fog	42	5.3
Snowing/Sleet/Hail	17	2.1
Other		
Total	797	100



TABULATION OF COLLISIONS

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Drivers By Driver Conditions

Unsafe/Unlawful	Apparently Normal			Alcohol Involved						Sleep Suspected			Drug Use Indicated			Unknown Condition			Total					
				Ability Impaired			Odor Detected																	
	Fat	Inj *	PD	Fat	Inj *	PD	Fat	Inj *	PD	Fat	Inj *	PD	Fat	Inj *	PD	Fat	Inj *	PD	Fat	Inj *	PD	Total	Pcnt	
Failed to Yield	1	57	118												1	2	5	2	59	123	184	11.6		
Failed to Stop		29	40		1			1			1					1	3		32	44	76	4.8		
Failed to Signal																								
Improper Turn		16	76			1					1					1	3		17	81	98	6.2		
Improper Start			3												1			1		3	4	0.3		
Improper Stop		1																	1		1	0.1		
Improper Backing		1	11														3		1	14	15	0.9		
Improper Parking			1																	1	1	0.1		
Improper Passing			5																	5	5	0.3		
Improper Lane Change		12	65										1				2		12	68	80	5.0		
Left of Center			1							1						1			2	1	3	0.2		
Following Too Close		29	62													2	6		31	68	99	6.2		
Unsafe Speed		11	14		1												1		12	15	27	1.7		
DWI			1		3	7		2	2				2	7					7	17	24	1.5		
Inattention		41	85			1					1	1					4		42	91	133	8.4		
Negligent Driving			7																	7	7	0.4		
Defective Vehicle		1	9																1	9	10	0.6		
Wrong Way			1												1	1		1	1	1	3	0.2		
No Improper Action	6	233	521						1				1	5				3	5	6	237	532	775	48.7
Other		13	27					1										1	3	15	30	45	2.8	
Total	7	444	1047		5	9		4	4		2	2		3	13		3	12	35	10	470	1110	1590	100
Percent	0.4	27.9	65.8		0.3	0.6		0.3	0.3		0.1	0.1		0.2	0.8		0.2	0.8	2.2	0.6	29.6	69.8	100	

Severities Indicate Highest Severity in Collision

Collisions By Special Feature

Special Feature	Total			
	Fat	Inj *	PD	Tot
Bridge				
Work Zone		1	16	17
Cross Median				
Train Collision				

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Collision Rate Analysis

Location: Multiple Lengths of Highway
 Time Period: 01-01-2012 to 12-31-2017 (2192 days)

RATE = No. of Collisions per 100 Million Vehicle Miles

Road Characteristics

Rate Type	Location Rates	Statewide Rates ** (2014 - 2016)
Queried Collisions:	387.46	182.29
Fatal Collisions:	2.43	1.02
Vis. Injury Collisions *:	43.75	21.69

Roadway Length (miles):	07.98
Roadway Width (feet):	24 - 72
Avg. Daily Traffic (Veh/Day):	11760
Number of Lanes *:	FOUR LANES
Access Control *:	PARTIAL
Urban Area Type *:	URBAN
Rural or Municipal *:	MUNICIPAL
Median Type *:	OPEN WITH CURBS
Median Width (feet):	0 - 99

Collision History Summary (Number of Years = 6)

	# Collisions		# People
Involving Fatality:	5	Killed:	5
Vis. Injury *:	90	Vis. Injured *:	128
Poss. Injury:	138	Poss. Injured:	198
Property Damage Only:	564		
TOTAL:	797		

* Predominate value.

$$\text{RATE} = \frac{100,000,000 \times \text{NO. OF COLLISIONS}}{\text{ADT} \times \text{LENGTH} \times \text{NO. OF DAYS IN REPORT}}$$

* Includes Incapacitating and Non-Incapacitating Injuries.

** Statewide rates are computed based on similar roadways pertaining to number of lanes, divided or undivided, rural or urban, and access control. Statewide rates cannot be compared to Queried Collisions unless the queried collisions include every collision type.



STUDY CRITERIA

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ROADWAY / REGION

QUERY OVER		SELECTIONS
1	Control Section	County: 26, Control Section: 2, CS Query On: range, Mile Start: 07.65, Mile End: 09.38
2	Control Section	County: 26, Control Section: 6, CS Query On: range, Mile Start: 20.80, Mile End: 22.30
3	Control Section	County: 26, Control Section: 8, CS Query On: all
4	Control Section	County: 26, Control Section: 12, CS Query On: range, Mile Start: 00.00, Mile End: 00.65

DATE

Date Range	01-01-2012 to 12-31-2017
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FILTER COLLISIONS

Roadway Type	All Collision Data
Incl. Crashes Assoc. w/ Int.	Unchecked
Environment Fields	

REPORT SECTIONS

Collision Map & Study Totals	(Included)
Collision Analysis Tables	(Included)
- Totals By City, Hwy Class	Checked
- Other Analysis Tables	Checked
Rate Analysis	(Included)
Query Criteria	(Included)