



Program Provided by:
 Traffic Engineering Division
 Collision Analysis and Safety Branch
 (405) 522-0985
 Created: 07/24/2023
 by Ashley Maggio

Study Map & Totals

Legend

- ▲ Fatality
- Injury
- Property Damage



Remarks:

NONE

Date Range: 01-01-2016 thru 12-31-2020

	2016						2017						2018					
	Fat	SRS Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	SRS Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	SRS Inj	Non-Incap Inj	Poss Inj	PD	Tot
Collisions	1		3	1	6	11	1		2	1	5	9	2	1	4		6	13
Persons	1		4	1		6	1		3	2		6	3	1	9	2		15



STUDY TOTALS (CONT.)

Date Range: 01-01-2016 Thru 12-31-2020

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	2019						2020					
	Fat	SRS Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	SRS Inj	Non-Incap Inj	Poss Inj	PD	Tot
Collisions	1			2	10	13			1	2	9	12
Persons	1			3		4			1	2		3

	Study Total					
	Fatality	Suspected Serious Injury	Non-Incapacitating Injury	Possible Injury	Property Damage	Total
Collisions	4	2	10	6	36	58
Persons	5	2	17	10		34



STUDY TOTALS - BY CITY AND HWY CLASS

Date Range: 01-01-2016 Thru 12-31-2020

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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
2016	1	4	6	11									1	4	6	11
2017		4	5	9										4	5	9
2018	2	5	6	13									2	5	6	13
2019	1	2	10	13									1	2	10	13
2020		3	9	12										3	9	12
Total:	4	18	36	58				0				0	4	18	36	58

County: (07) BRYAN

	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
(00) - RURAL -	4	12	28	44									4	12	28	44

County: (48) MARSHALL

	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
(00) - RURAL -		6	8	14										6	8	14

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



TABULATION OF COLLISIONS

Date Range: 01-01-2016 Thru 12-31-2020

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Collisions By Type Of Collision

Type Of Collision	2016				2017				2018				2019				2020			
	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)			2	2		2	1	3			3	3	1		2	3			3	3
Head-On (front-to-front)	1	1		2					1	1		2								
Right Angle (front-to-side)																		1		1
Angle Turning			1	1		2	1	3		3	1	4		1	3	4				
Other Angle																				
Sideswipe Same Direction									1			1		1	1					
Sideswipe Opposite Direction		1	1	2						1	1	2			1	1				
Fixed Object		1	1	2			2	2			1	1		1	2	3		2	4	6
Pedestrian																				
Pedal Cycle																				
Animal															1	1				
Overturn/Rollover																				
Vehicle-Train																				
Other Single Vehicle Crash																				
Other		1	1	2			1	1											2	2
Total	1	4	6	11		4	5	9	2	5	6	13	1	2	10	13		3	9	12
Percent	1.7	6.9	10.3	19.0		6.9	8.6	15.5	3.4	8.6	10.3	22.4	1.7	3.4	17.2	22.4		5.2	15.5	20.7

Collisions By Type Of Collision

Type Of Collision	Total				
	Fat	Inj *	PD	Tot	Pct
Rear-End (front-to-rear)	1	2	11	14	24.1
Head-On (front-to-front)	2	2		4	6.9
Right Angle (front-to-side)		1		1	1.7
Angle Turning		6	6	12	20.7
Other Angle					
Sideswipe Same Direction	1		1	2	3.4
Sideswipe Opposite Direction		2	3	5	8.6
Fixed Object		4	10	14	24.1
Pedestrian					
Pedal Cycle					
Animal			1	1	1.7
Overturn/Rollover					
Vehicle-Train					
Other Single Vehicle Crash					
Other		1	4	5	8.6
Total	4	18	36	58	100
Percent	6.9	31.0	62.1	100	

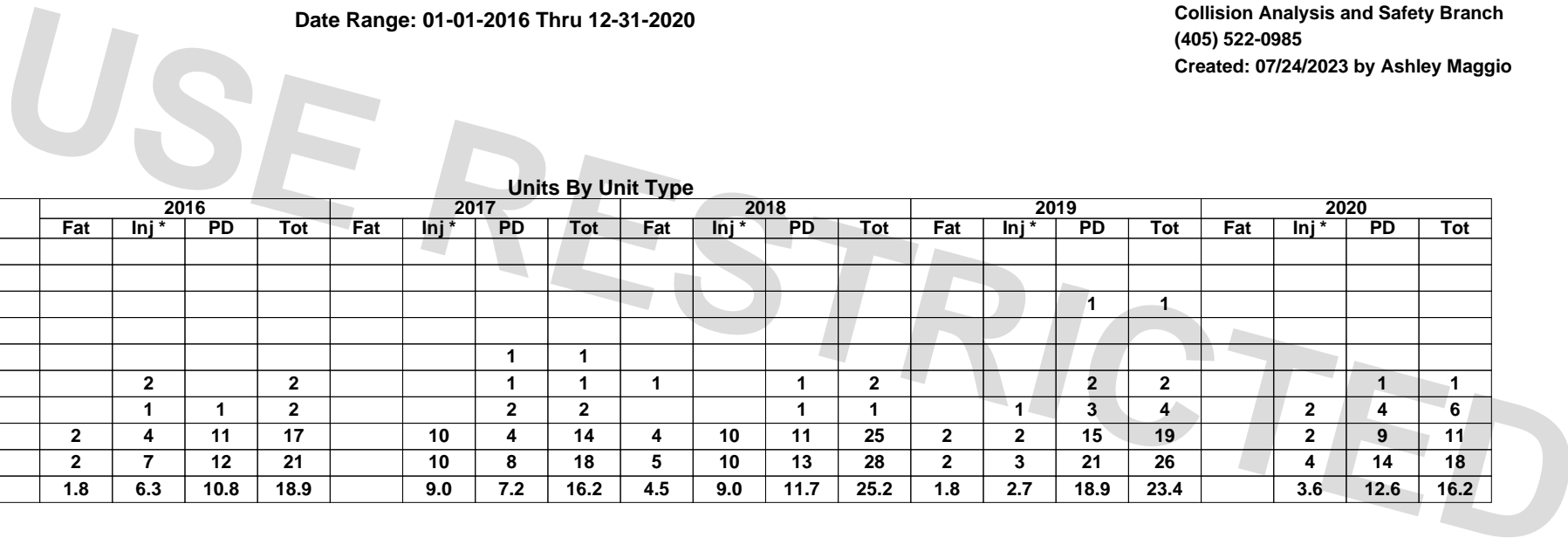
* INCLUDES SUSPECTED SERIOUS, NON-INCAPACITATING, AND POSSIBLE INJURIES.



TABULATION OF COLLISIONS

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Units By Unit Type

Unit Type	2016				2017				2018				2019				2020				
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	
Train																					
Pedestrian																					
Animal															1	1					
Pedal Cycle																					
Parked Vehicle							1	1													
CMV		2		2			1	1	1		1	2			2	2			1	1	
Other Single Vehicle		1	1	2			2	2		1	1			1	3	4		2	4	6	
Other Multi-Vehicle	2	4	11	17		10	4	14	4	10	11	25	2	2	15	19		2	9	11	
Total	2	7	12	21		10	8	18	5	10	13	28	2	3	21	26		4	14	18	
Percent	1.8	6.3	10.8	18.9		9.0	7.2	16.2	4.5	9.0	11.7	25.2	1.8	2.7	18.9	23.4		3.6	12.6	16.2	

Units By Unit Type

Unit Type	Total				
	Fat	Inj *	PD	Tot	Pct
Train					
Pedestrian					
Animal			1	1	0.9
Pedal Cycle					
Parked Vehicle			1	1	0.9
CMV	1	2	5	8	7.2
Other Single Vehicle		4	11	15	13.5
Other Multi-Vehicle	8	28	50	86	77.5
Total	9	34	68	111	100
Percent	8.1	30.6	61.3	100	



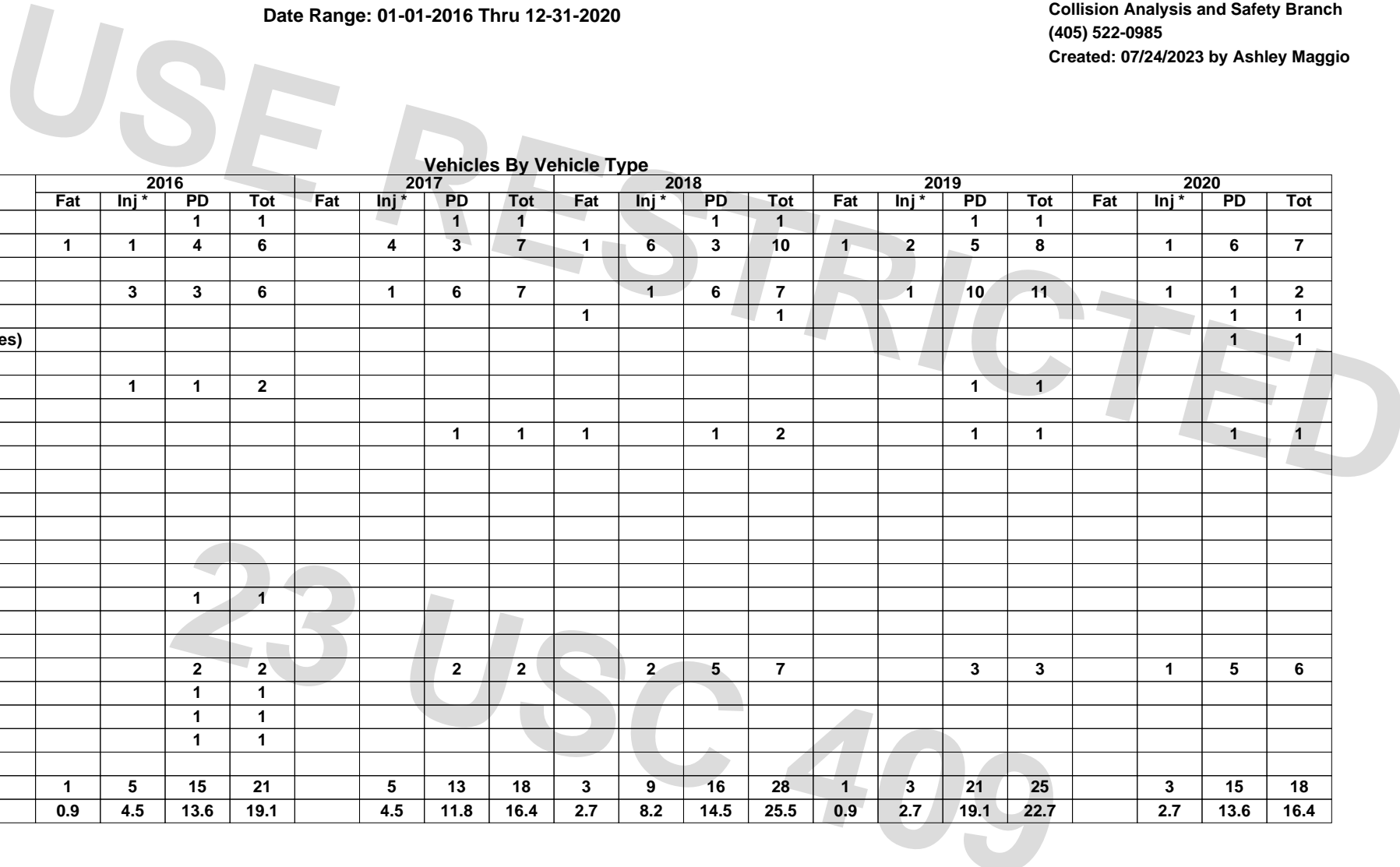
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Vehicles By Vehicle Type

Vehicle Type	2016				2017				2018				2019				2020			
	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	1			1	1			1	1			1	1				
Passenger Vehicle-4 Door	1	1	4	6		4	3	7	1	6	3	10	1	2	5	8		1	6	7
Passenger Vehicle-Convertible																				
Pickup Truck		3	3	6		1	6	7		1	6	7		1	10	11		1	1	2
Single-Unit Truck (2 axles)									1			1							1	1
Single-Unit Truck (3 or more axles)																			1	1
School Bus																				
Truck/Trailer		1	1	2											1	1				
Truck-Tractor (bobtail)																				
Truck-Tractor/Semi-Trailer							1	1	1		1	2			1	1			1	1
Truck-Tractor/Double																				
Truck-Tractor/Triple																				
Bus/Large Van (9-15 seats)																				
Bus (16+ seats)																				
Motorcycle																				
Motor Scooter/Moped																				
Motor Home			1	1																
Farm Machinery																				
ATV																				
Sport Utility Vehicle (SUV)			2	2		2	2		2	5	7			3	3			1	5	6
Passenger Van			1	1																
Truck More Than 10,000 lbs.			1	1																
Van (10,000 lbs. or less)			1	1																
Other																				
Total	1	5	15	21		5	13	18	3	9	16	28	1	3	21	25		3	15	18
Percent	0.9	4.5	13.6	19.1		4.5	11.8	16.4	2.7	8.2	14.5	25.5	0.9	2.7	19.1	22.7		2.7	13.6	16.4

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Vehicles By Vehicle Type

Vehicle Type	Total			Tot	Pct
	Fat	Inj *	PD		
Passenger Vehicle-2 Door			4	4	3.6
Passenger Vehicle-4 Door	3	14	21	38	34.5
Passenger Vehicle-Convertible					
Pickup Truck		7	26	33	30.0
Single-Unit Truck (2 axles)	1		1	2	1.8
Single-Unit Truck (3 or more axles)			1	1	0.9
School Bus					
Truck/Trailer		1	2	3	2.7
Truck-Tractor (bobtail)					
Truck-Tractor/Semi-Trailer	1		4	5	4.5
Truck-Tractor/Double					
Truck-Tractor/Triple					
Bus/Large Van (9-15 seats)					
Bus (16+ seats)					
Motorcycle					
Motor Scooter/Moped					
Motor Home			1	1	0.9
Farm Machinery					
ATV					
Sport Utility Vehicle (SUV)		3	17	20	18.2
Passenger Van			1	1	0.9
Truck More Than 10,000 lbs.			1	1	0.9
Van (10,000 lbs. or less)			1	1	0.9
Other					
Total	5	25	80	110	100
Percent	4.5	22.7	72.7	100	

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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			1	1	1	4	1	1	1			1			8	13.8
Monday					1					1		1	1				2				1				7	12.1
Tuesday						1	2						1	1		1	1								7	12.1
Wednesday								1	1	3	2			1					2						10	17.2
Thursday			1				1		1	2				2			1			1	1	1	1		12	20.7
Friday									1							2	1		2	2		1			9	15.5
Saturday										1	1						1			1			1		5	8.6
	Early Morning - Sunrise						Morning Peak			Mid Morning/Afternoon						PM Peak			Evening - Late Night						Tot	Pcnt
Total	3						8			22						13			12						58	100
Percent	5.2						13.8			37.9						22.4			20.7						100	

Roadway/Lighting

Roadway Conditions	Lighting Conditions					Total	Percent
	Daylight	Darkness	Twilight	Lighted	Unknown		
Dry	40	6	3	1		50	86.2
Wet (Water)	4		1			5	8.6
Ice, Snow, or Slush	2					2	3.4
Mud, Dirt, Gravel, or Sand							
Other	1					1	1.7
Total	47	6	4	1		58	100
Percent	81.0	10.3	6.9	1.7		100	

Weather Conditions

Weather Conditions	Total	Percent
Clear	42	72.4
Clouds Present	11	19.0
Raining/Fog	4	6.9
Snowing/Sleet/Hail	1	1.7
Other		
Total	58	100



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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		3	1																	3	1	4	3.7
Failed to Stop																							
Failed to Signal																							
Improper Turn		3	2			1											1		3	4	7	6.4	
Improper Start																							
Improper Stop																							
Improper Backing																							
Improper Parking																							
Improper Passing																1		1				1	0.9
Improper Lane Change																							
Left of Center	1	1	5												1		2	1	5	8	7.3		
Following Too Close		2	7															2	7	9	8.3		
Unsafe Speed		3	4								1							3	5	8	7.3		
DWI			1		1	1							1		2			1	1	4	6	5.5	
Inattention		1	3		1						1								3	3	6	5.5	
Negligent Driving		1															1		1	1	2	1.8	
Defective Vehicle			4																	4	4	3.7	
Wrong Way																							
No Improper Action	4	16	30													1		1	5	16	31	52	47.7
Other		1	1																	1	1	2	1.8
Total	5	31	58		2	2					1	1	1	2	3			3	9	34	66	109	100
Percent	4.6	28.4	53.2		1.8	1.8					0.9	0.9	0.9	1.8	2.8			2.8	8.3	31.2	60.6	100	

Severities Indicate Highest Severity in Collision

Collisions By Special Feature

Special Feature	Total			
	Fat	Inj *	PD	Tot
Bridge	1	3	11	15
Work Zone			2	2
Cross Median				
Train Collision				

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Collision Rate Analysis

Location: Multiple Lengths of Highway
 Time Period: 01-01-2016 to 12-31-2020 (1827 days)

RATE = No. of Collisions per 100 Million Vehicle Miles

Road Characteristics

Rate Type	Location Rates	Statewide Rates ** (2018 - 2020)
Queried Collisions:	85.37	74.58
Fatal Collisions:	5.89	2.62
Vis. Injury Collisions *:	17.66	17.57

Roadway Length (miles):	04.19
Roadway Width (feet):	24 - 48
Avg. Daily Traffic (Veh/Day):	8875
Number of Lanes *:	TWO-LANES
Access Control *:	NONE
Urban Area Type *:	RURAL
Rural or Municipal *:	RURAL
Median Type *:	UNDIVIDED
Median Width (feet):	0 - 16

Collision History Summary (Number of Years = 5)

# Collisions		# People	
Involving Fatality:	4	Killed:	5
Vis. Injury *:	12	Vis. Injured *:	19
Poss. Injury:	6	Poss. Injured:	10
Property Damage Only:	36		
TOTAL:	58		

* 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 Suspected Serious 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: 7, Control Section: 6, CS Query On: range, Mile Start: 00.00, Mile End: 3.8
2	Control Section	County: 48, Control Section: 4, CS Query On: range, Mile Start: 12, Mile End: 12.39

DATE

Date Range	01-01-2016 to 12-31-2020
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FILTER COLLISIONS

Roadway Type	All Collision Data
Incl. Crashes Assoc. w/ Every Int.	Checked
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)

REPORT FORMAT OPTIONS

Print Watermark	Checked
Print DPS Case Numbers	Unchecked

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