



Program Provided by:
 Traffic Engineering Division
 Collision Analysis and Safety Branch
 (405) 522-0985
 Created: 12/31/2025
 by Stephen Waldrop

Study Map & Totals

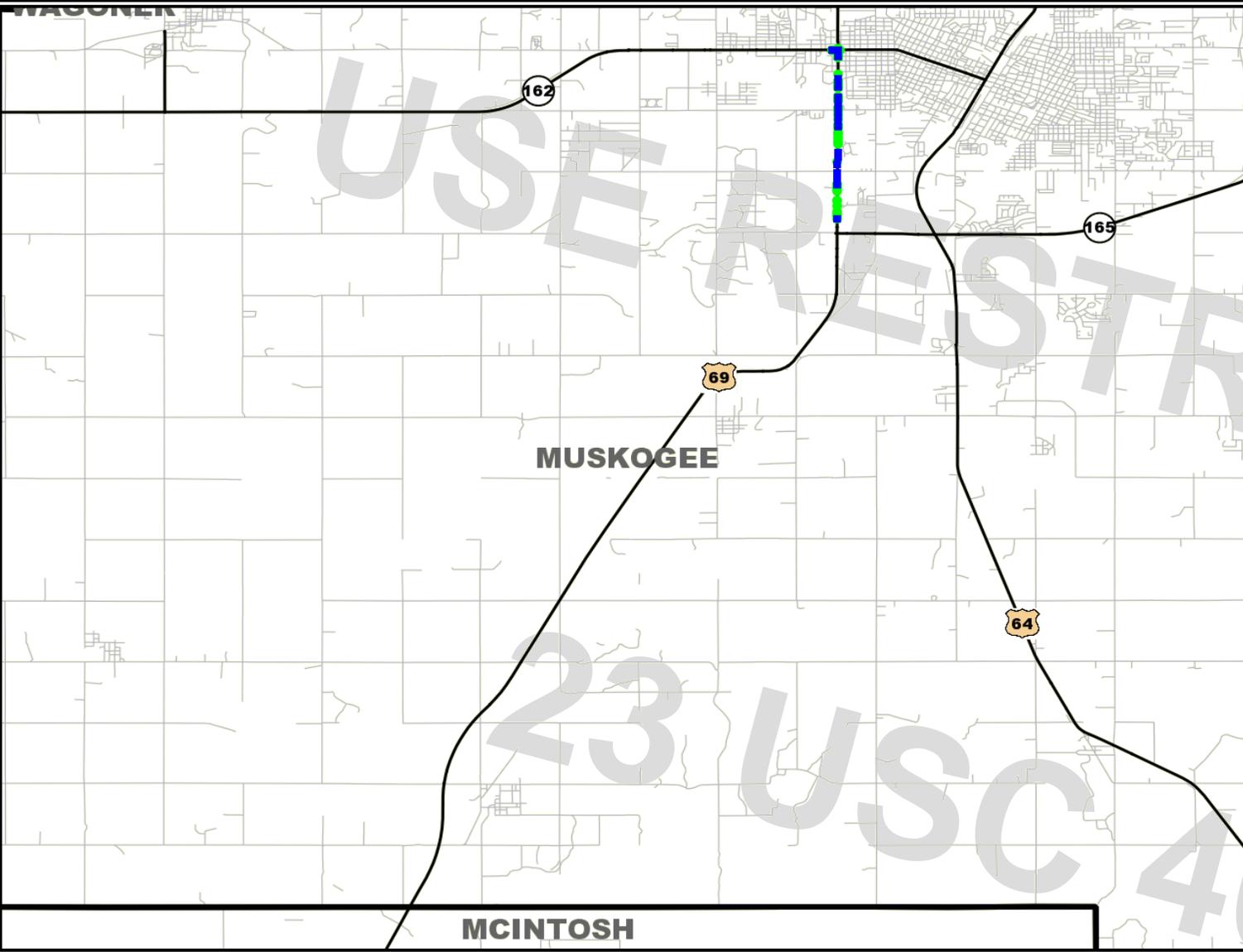
Legend

- ▲ Fatality
- Injury
- Property Damage



Remarks:

NONE



Date Range: 01-01-2017 thru 12-31-2021

	2017						2018						2019					
	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	4	7	37	49		1	2	5	34	42		2	3	11	36	52
Persons		1	7	11		19		1	2	6		9		2	3	22		27



STUDY TOTALS (CONT.)

Date Range: 01-01-2017 Thru 12-31-2021

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	2020						2021*					
	Fat	SRS Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	SRS Inj	Non-Incap Inj	Poss Inj	PD	Tot
Collisions		1	1	8	47	57		1	7	8	22	38
Persons		1	1	12		14		1	10	15		26

* DENOTES A YEAR FOR WHICH DATA MAY BE INCOMPLETE.

	Study Total					
	Fatality	Suspected Serious Injury	Non-Incapacitating Injury	Possible Injury	Property Damage	Total
Collisions		6	17	39	176	238
Persons		6	23	66		95



STUDY TOTALS - BY CITY AND HWY CLASS

Date Range: 01-01-2017 Thru 12-31-2021

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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
2017		12	37	49										12	37	49
2018		8	34	42										8	34	42
2019		16	36	52										16	36	52
2020		10	47	57										10	47	57
2021 *		16	22	38										16	22	38
Total:		62	176	238				0				0		62	176	238

* DENOTES A YEAR FOR WHICH DATA MAY BE INCOMPLETE.

County: (51) MUSKOGEE

	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
(30) MUSKOGEE		62	176	238										62	176	238

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



TABULATION OF COLLISIONS

Date Range: 01-01-2017 Thru 12-31-2021

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Collisions By Type Of Collision

Type Of Collision	2017				2018				2019				2020				2021*			
	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)		6	17	23		4	18	22		9	18	27		5	20	25		4	7	11
Head-On (front-to-front)																				
Right Angle (front-to-side)		1	2	3		2	1	3		3	3	6		3	4	7		4		4
Angle Turning		3	6	9			6	6		2	5	7			8	8		3	5	8
Other Angle															1	1				
Sideswipe Same Direction		1	8	9			5	5			5	5		1	12	13		1	7	8
Sideswipe Opposite Direction																				
Fixed Object						1	3	4			3	3			1	1				
Pedestrian										1		1		1		1		2		2
Pedal Cycle																				
Animal			2	2																
Overturn/Rollover		1		1		1		1		1		1						1		1
Vehicle-Train																				
Other Single Vehicle Crash																				
Other			2	2			1	1			2	2			1	1		1	3	4
Total		12	37	49		8	34	42		16	36	52		10	47	57		16	22	38
Percent		5.0	15.5	20.6		3.4	14.3	17.6		6.7	15.1	21.8		4.2	19.7	23.9		6.7	9.2	16.0

Collisions By Type Of Collision

Type Of Collision	Total				
	Fat	Inj *	PD	Tot	Pct
Rear-End (front-to-rear)		28	80	108	45.4
Head-On (front-to-front)					
Right Angle (front-to-side)		13	10	23	9.7
Angle Turning		8	30	38	16.0
Other Angle			1	1	0.4
Sideswipe Same Direction		3	37	40	16.8
Sideswipe Opposite Direction					
Fixed Object		1	7	8	3.4
Pedestrian		4		4	1.7
Pedal Cycle					
Animal			2	2	0.8
Overturn/Rollover		4		4	1.7
Vehicle-Train					
Other Single Vehicle Crash					
Other		1	9	10	4.2
Total		62	176	238	100
Percent		26.1	73.9	100	

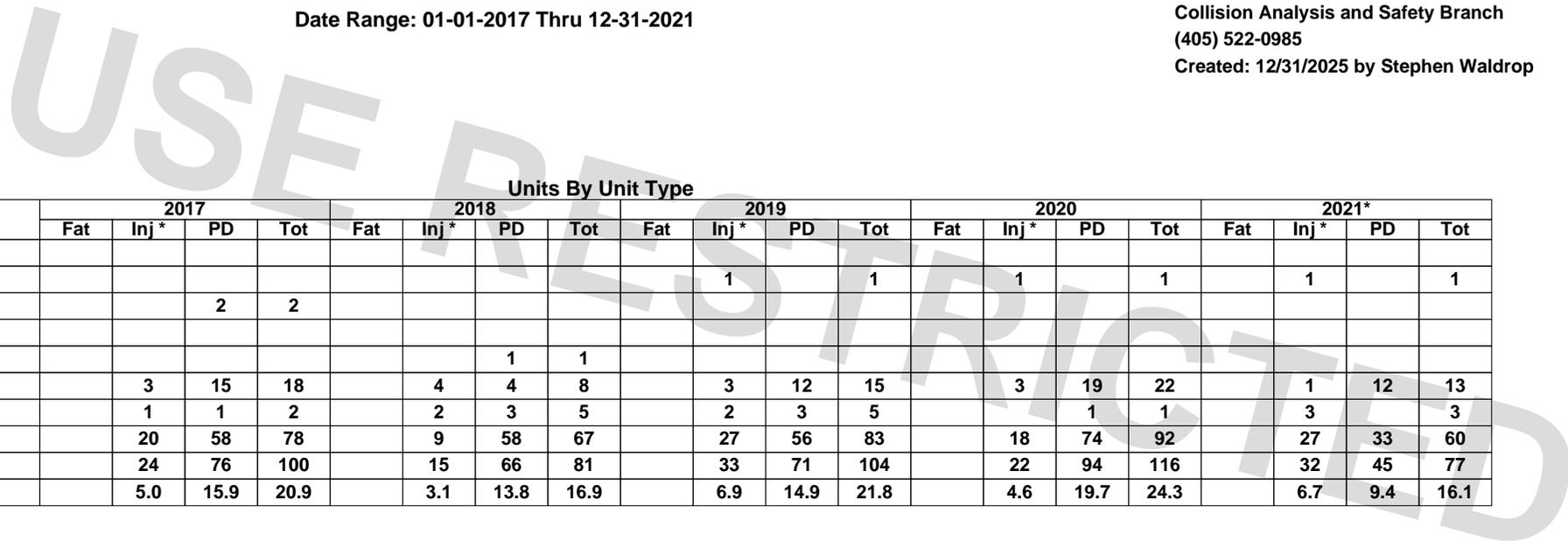
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TABULATION OF COLLISIONS

Date Range: 01-01-2017 Thru 12-31-2021

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Units By Unit Type

Unit Type	2017				2018				2019				2020				2021*			
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot
Train																				
Pedestrian									1			1		1		1		1		1
Animal			2	2																
Pedal Cycle																				
Parked Vehicle							1	1												
CMV		3	15	18		4	4	8		3	12	15		3	19	22		1	12	13
Other Single Vehicle		1	1	2		2	3	5		2	3	5			1	1		3		3
Other Multi-Vehicle		20	58	78		9	58	67		27	56	83		18	74	92		27	33	60
Total		24	76	100		15	66	81		33	71	104		22	94	116		32	45	77
Percent		5.0	15.9	20.9		3.1	13.8	16.9		6.9	14.9	21.8		4.6	19.7	24.3		6.7	9.4	16.1

Units By Unit Type

Unit Type	Total				
	Fat	Inj *	PD	Tot	Pct
Train					
Pedestrian		3		3	0.6
Animal			2	2	0.4
Pedal Cycle					
Parked Vehicle			1	1	0.2
CMV		14	62	76	15.9
Other Single Vehicle		8	8	16	3.3
Other Multi-Vehicle		101	279	380	79.5
Total		126	352	478	100
Percent		26.4	73.6	100	



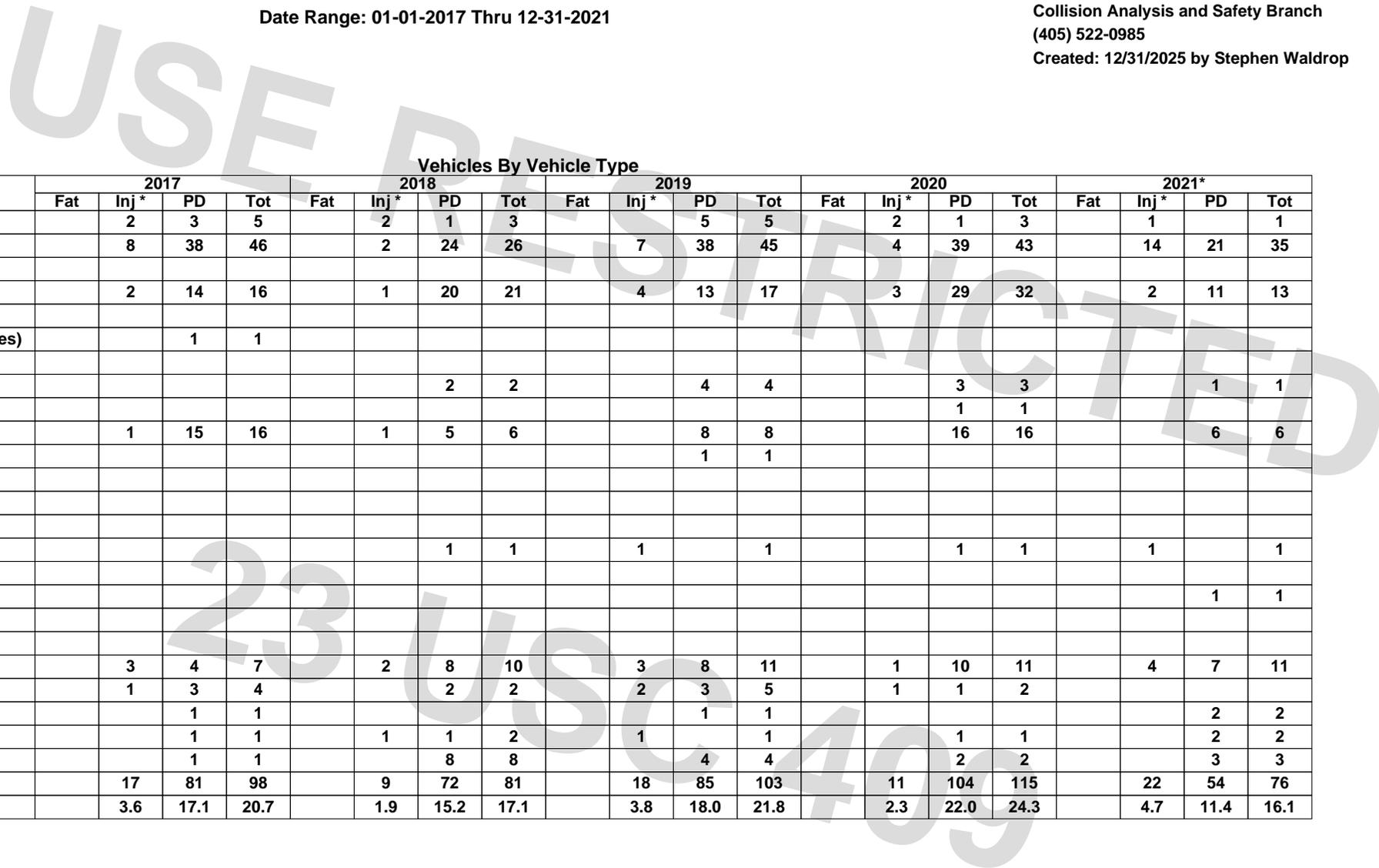
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Vehicles By Vehicle Type

Vehicle Type	2017				2018				2019				2020				2021*			
	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot	Fat	Inj *	PD	Tot
Passenger Vehicle-2 Door		2	3	5		2	1	3			5	5		2	1	3		1		1
Passenger Vehicle-4 Door		8	38	46		2	24	26		7	38	45		4	39	43		14	21	35
Passenger Vehicle-Convertible																				
Pickup Truck		2	14	16		1	20	21		4	13	17		3	29	32		2	11	13
Single-Unit Truck (2 axles)																				
Single-Unit Truck (3 or more axles)			1	1																
School Bus																				
Truck/Trailer							2	2			4	4			3	3			1	1
Truck-Tractor (bobtail)															1	1				
Truck-Tractor/Semi-Trailer		1	15	16		1	5	6			8	8			16	16			6	6
Truck-Tractor/Double											1	1								
Truck-Tractor/Triple																				
Bus/Large Van (9-15 seats)																				
Bus (16+ seats)																				
Motorcycle							1	1		1		1			1	1		1		1
Motor Scooter/Moped																				
Motor Home																			1	1
Farm Machinery																				
ATV																				
Sport Utility Vehicle (SUV)		3	4	7		2	8	10		3	8	11		1	10	11		4	7	11
Passenger Van		1	3	4			2	2		2	3	5		1	1	2				
Truck More Than 10,000 lbs.			1	1							1	1							2	2
Van (10,000 lbs. or less)			1	1		1	1	2		1		1			1	1			2	2
Other			1	1			8	8			4	4			2	2			3	3
Total		17	81	98		9	72	81		18	85	103		11	104	115		22	54	76
Percent		3.6	17.1	20.7		1.9	15.2	17.1		3.8	18.0	21.8		2.3	22.0	24.3		4.7	11.4	16.1

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



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Vehicles By Vehicle Type

Vehicle Type	Total				
	Fat	Inj *	PD	Tot	Pct
Passenger Vehicle-2 Door		7	10	17	3.6
Passenger Vehicle-4 Door		35	160	195	41.2
Passenger Vehicle-Convertible					
Pickup Truck		12	87	99	20.9
Single-Unit Truck (2 axles)					
Single-Unit Truck (3 or more axles)			1	1	0.2
School Bus					
Truck/Trailer			10	10	2.1
Truck-Tractor (bobtail)			1	1	0.2
Truck-Tractor/Semi-Trailer		2	50	52	11.0
Truck-Tractor/Double			1	1	0.2
Truck-Tractor/Triple					
Bus/Large Van (9-15 seats)					
Bus (16+ seats)					
Motorcycle		2	2	4	0.8
Motor Scooter/Moped					
Motor Home			1	1	0.2
Farm Machinery					
ATV					
Sport Utility Vehicle (SUV)		13	37	50	10.6
Passenger Van		4	9	13	2.7
Truck More Than 10,000 lbs.			4	4	0.8
Van (10,000 lbs. or less)		2	5	7	1.5
Other			18	18	3.8
Total		77	396	473	100
Percent		16.3	83.7	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	4	2		4	3	4	3	1		1	1	1		28	11.8		
Monday						2		2			1	3	5	5	2	4	3	3	3	1					34	14.3		
Tuesday					1	2	1		2	1	4	4	4	3	3	4	6	1		2					38	16.0		
Wednesday							2	1	3		3	3	4	3	6	4	1	3		1	1	3			38	16.0		
Thursday			1			1	1	1	1	1	4	4	4	3	2	5	2	2	1	2			1		36	15.1		
Friday			1		1		2	1	1	2	3	3	1		3	6	5	3	1	4	1		3	1	42	17.6		
Saturday	1	1				1	2	1	2		4	3			1	2			1	1	1	1			22	9.2		
Total	Early Morning - Sunrise						Morning Peak						Mid Morning/Afternoon						PM Peak			Evening - Late Night					Tot	Pcnt
	14						24						103						60			37					238	100
Percent	5.9						10.1						43.3						25.2			15.5					100	

Roadway/Lighting

Roadway Conditions	Lighting Conditions					Total	Percent
	Daylight	Darkness	Twilight	Lighted	Unknown		
Dry	151	8	1	38		198	83.2
Wet (Water)	28		1	8	1	38	16.0
Ice, Snow, or Slush	1					1	0.4
Mud, Dirt, Gravel, or Sand							
Other					1	1	0.4
Total	180	8	2	46	2	238	100
Percent	75.6	3.4	0.8	19.3	0.8	100	

Weather Conditions

Weather Conditions	Total	Percent
Clear	171	71.8
Clouds Present	34	14.3
Raining/Fog	31	13.0
Snowing/Sleet/Hail	1	0.4
Other	1	0.4
Total	238	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 *
	Fat	Inj *	PD	Fat	Inj *	PD	Fat	Inj *	PD														
Failed to Yield		11	29		1											2	3		14	32	46	9.8	
Failed to Stop		5	7													2	1		7	8	15	3.2	
Failed to Signal																							
Improper Turn			11																11	11	23	2.3	
Improper Start			2																2	2	4	0.4	
Improper Stop																							
Improper Backing		1	3															1	3	4	0.8		
Improper Parking																							
Improper Passing			2																2	2	4	0.4	
Improper Lane Change		2	19														8	2	27	29	6.2		
Left of Center			1																1	1	2	0.2	
Following Too Close		13	52													3	1	16	53	69	14.6		
Unsafe Speed		3	3															3	3	6	1.3		
DWI				3	3								3	2				6	5	11	2.3		
Inattention		5	9							1								1	6	10	16	3.4	
Negligent Driving			4																	4	4	0.8	
Defective Vehicle			1																	1	1	0.2	
Wrong Way																							
No Improper Action		62	169														3	62	172	234	49.7		
Other		4	11													2	3	6	14	20	4.2		
Total		106	323		4	3					1		3	2		10	19	123	348	471	100		
Percent		22.5	68.6		0.8	0.6					0.2		0.6	0.4		2.1	4.0	26.1	73.9	100			

Severities Indicate Highest Severity in Collision

Collisions By Special Feature

Special Feature	Total			
	Fat	Inj *	PD	Tot
Bridge				
Work Zone		2	6	8
Cross Median				
Train Collision				

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Collision Rate Analysis

Location: US-69 from (13.10) - (Muskogee) HADDOCK DR. to (15.87) - (Muskogee) US-62 - OKMULGEE AVE. in MUSKOGEE County.
 Time Period: 01-01-2017 to 12-31-2021 (1826 days)

RATE = No. of Collisions per 100 Million Vehicle Miles

Road Characteristics

Rate Type	Location Rates	Statewide Rates ** (2018 - 2020)	Critical Rates
Queried Collisions:	216.70	149.81	169.48
Fatal Collisions:	0.00	0.99	
Vis. Injury Collisions *:	20.94	17.14	
Vis. Injury + Fatal:	20.94	18.13	25.27

Roadway Length (miles):	02.77
Roadway Width (feet):	24 - 38
Avg. Daily Traffic (Veh/Day):	21714
Number of Lanes *:	FOUR LANES
Access Control *:	NONE
Urban Area Type *:	URBAN
Rural or Municipal *:	MUNICIPAL
Median Type *:	OPEN WITH CURBS
Median Width (feet):	14 - 32

Collision History Summary (Number of Years = 5)

	# Collisions		# People
Involving Fatality:	0	Killed:	0
Vis. Injury *:	23	Vis. Injured *:	29
Poss. Injury:	39	Poss. Injured:	66
Property Damage Only:	176		
TOTAL:	238		

* Predominate value.

$$\text{RATE} = \frac{\text{NO. OF COLLISIONS}}{\text{EXPOSURE}}$$

$$\text{CRIT RATE} = \text{STATE RATE} + 1.645 \times \text{SQRT}\left(\frac{\text{STATE RATE}}{\text{EXPOSURE}}\right) + \left(\frac{0.5}{\text{EXPOSURE}}\right)$$

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

* 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
Control Section	County: 51, Control Section: 56, CS Type: hwy, CS Query On: range, Mile Start: 13.10, Mile End: 15.87

DATE

Date Range	01-01-2017 to 12-31-2021
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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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