



**Traffic Engineering Division Collision Analysis and Safety Branch** (405) 522-0985

Created: 02/26/2020 by Jessica Avery

# Study Map & Totals

# Legend

- Fatality
- Injury
- **Property Damage**



# Remarks:

NONE

			2014						2015						2016			
	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	3 10 3:					45		1	5	3	39	48		2	6	11	29	48
Persons		3 10 3						1	5	6		12		4	6	15		25



# STUDY TOTALS (CONT.)

#### I-40 & DOUGLAS

Date Range: 01-01-2014 Thru 12-31-2018

Program Provided by: Traffic Engineering Division Collision Analysis and Safety Branch (405) 522-0985

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			2017						2018*			
	Fat	SRS Inj	Non-Incap Inj	Poss Inj	PD	Tot	Fat	SRS Inj	Non-Incap Inj	Poss Inj	PD	Tot
Collisions	1		3	6	43	53			6	8	24	38
Persons	1		3	8		12			7	11		18

\* DENOTES A YEAR FOR WHICH DATA MAY BE INCOMPLETE.

			Study Total			
	Fatality	Suspected Serious Injury	Non-Incapacitating Injury	Possible Injury	Property Damage	Total
Collisions	1	3	23	38	167	232
Persons	1	5	25	54		85



#### STUDY TOTALS - BY CITY AND HWY CLASS

I-40 & DOUGLAS
Date Range: 01-01-2014 Thru 12-31-2018

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#### STUDY TOTALS

	HI	GHWAY (	COLLISIO	NS	CIT	Y STREE	T COLLISION:	S	cou	NTY ROA	D COLLIS	SIONS		TOTAL C	DLLISION	s
Year	Fat	lnj *	PD	Tot	Fat	Inj *	PD 1	Γot	Fat	lnj *	PD	Tot	Fat	lnj *	PD	Tot
2014		13	32	45										13	32	45
2015		9	39	48										9	39	48
2016		19	29	48										19	29	48
2017	1	9	43	53									1	9	43	53
2018 *		14	24	38										14	24	38
Total:	1	64	167	232				0				0	1	64	167	232

\* DENOTES A YEAR FOR WHICH DATA MAY BE INCOMPLETE.

County: (55) OKLAHOMA

	Н	GHWAY (	COLLISIO	NS	CIT	Y STREE	COLLISI	ONS	cou	NTY ROA	D COLLIS	SIONS	-	TOTAL CO	DLLISION	S
	Fat	lnj *	PD	Tot	Fat	lnj *	PD	Tot	Fat	lnj *	PD	Tot	Fat	lnj *	PD	Tot
(70) OKLA. CITY	1	64	167	232									1	64	167	232



I-40 & DOUGLAS

Date Range: 01-01-2014 Thru 12-31-2018

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Collisions By Type Of Collision

		20	14				115 Dy	Type O	Comsi	20	16			20	17			20	18*	
Type Of Collision	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)		10	18	28		4	17	21		12	15	27	1	7	17	25		8	9	17
Head-On (front-to-front)			4																	
Right Angle (front-to-side)			1	1			1	1												
Angle Turning																				
Other Angle															1	1				
Sideswipe Same Direction			5	5		2	3	5		1	7	8		1	8	9		3	9	12
Sideswipe Opposite Direction		1		1																
Fixed Object		1	6	7		2	13	15		3	6	9		1	14	15		2	6	8
Pedestrian																		1		1
Pedal Cycle																				
Animal							1	1												
Overturn/Rollover		1	1	2						1		1			1	1				
Vehicle-Train																				
Other Single Vehicle Crash						1		1												
Other			1	1			4	4		2	1	3			2	2				
Total		13	32	45		9	39	48		19	29	48	1	9	43	53		14	24	38
Percent		5.6	13.8	19.4		3.9	16.8	20.7		8.2	12.5	20.7	0.4	3.9	18.5	22.8		6.0	10.3	16.4

**Collisions By Type Of Collision** 

Collisions by	iype o	COIIIS	OII		
Type Of Collision			Total		
Type Of Comston	Fat	lnj *	PD	Tot	Pct
Rear-End (front-to-rear)	1	41	76	118	50.9
Head-On (front-to-front)					
Right Angle (front-to-side)			2	2	0.9
Angle Turning					
Other Angle			1	1	0.4
Sideswipe Same Direction		7	32	39	16.8
Sideswipe Opposite Direction		1		1	0.4
Fixed Object		9	45	54	23.3
Pedestrian		1		1	0.4
Pedal Cycle					
Animal			1	1	0.4
Overturn/Rollover		2	2	4	1.7
Vehicle-Train					
Other Single Vehicle Crash		1		1	0.4
Other		2	8	10	4.3
Total	1	64	167	232	100
Percent	0.4	27.6	72.0	100	





I-40 & DOUGLAS
Date Range: 01-01-2014 Thru 12-31-2018

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Units By Unit Type

Huit Time		20	)14			2015			Typ		)16			20	017			20	18*	
Unit Type	Fat	lnj *	PD	Tot	Fat In	* P	D	Tot	Fat	lnj *	PD	Tot	Fat	lnj *	PD	Tot	Fat	lnj *	PD	Tot
Train																				
Pedestrian																		1		1
Animal																				
Pedal Cycle																				
Parked Vehicle							1	1												
CMV		1	2	3	1		1	2		1		1	1		8	9			3	3
Other Single Vehicle		1	7	8	3	1	4	17		4	6	10		1	13	14		3	6	9
Other Multi-Vehicle		24	48	72	1	1 4	19	60		33	47	80	2	20	52	74		28	33	61
Total		26	57	83	1	5 6	55	80		38	53	91	3	21	73	97		32	42	74
Percent		6.1	13.4	19.5	3	5 15	5.3	18.8		8.9	12.5	21.4	0.7	4.9	17.2	22.8		7.5	9.9	17.4

**Units By Unit Type** 

Unit Type			Total		
Unit Type	Fat	lnj *	PD	Tot	Pct
Train					
Pedestrian		1		1	0.2
Animal					
Pedal Cycle				7 7	
Parked Vehicle			1	1	0.2
CMV	1	3	14	18	4.2
Other Single Vehicle		12	46	58	13.6
Other Multi-Vehicle	2	116	229	347	81.6
Total	3	132	290	425	100
Percent	0.7	31.1	68.2	100	





I-40 & DOUGLAS

Date Range: 01-01-2014 Thru 12-31-2018

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Vehicles By Vehicle Type

							Vehicle	s By Ve	ehicle T	уре										
Vehice Type			)14				15		_		)16				)17				18*	
7.	Fat	Inj *	PD	Tot	Fat	lnj *	PD	Tot	Fat	lnj *	PD	Tot	Fat	lnj *	PD	Tot	Fat	Inj *	PD	Tot
Passenger Vehicle-2 Door		2	6	8			6	6		1	2	3			6	6			6	6
Passenger Vehicle-4 Door		5	24	29		4	27	31		11	29	40		6	37	43		8	23	31
Passenger Vehicle-Convertible						1		1												
Pickup Truck		2	19	21		3	11	14		6	19	25	1	1	18	20		1	15	16
Single-Unit Truck (2 axles)															1	1			1	1
Single-Unit Truck (3 or more axles)												-								
School Bus																				
Truck/Trailer			2	2			2	2							1	1				
Truck-Tractor (bobtail)																				
Truck-Tractor/Semi-Trailer		1		1			1	1			1	1			7	7			3	3
Truck-Tractor/Double																				
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																				
Farm Machinery																				
ATV																				
Sport Utility Vehicle (SUV)		3	16	19		1	19	20		4	13	17		3	15	18		5	9	14
Passenger Van		2	1	3			2	2			2	2							1	1
Truck More Than 10,000 lbs.						1	1	1												
Van (10,000 lbs. or less)											_1	1								
Other							1	1			1	1								
Total		15	68	83		10	70	80		23	68	91	1	10	86	97		15	58	73
Percent		3.5	16.0	19.6		2.4	16.5	18.9		5.4	16.0	21.5	0.2	2.4	20.3	22.9		3.5	13.7	17.2



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# **Vehicles By Vehicle Type**

venicies B	y venic	іе гуре			
Vehice Type	Fat	lm:*	Total PD	Tot	Pct
7,	rat	lnj *			
Passenger Vehicle-2 Door		3	26	29	6.8
Passenger Vehicle-4 Door		34	140	174	41.0
Passenger Vehicle-Convertible		1		1	0.2
Pickup Truck	1	13	82	96	22.6
Single-Unit Truck (2 axles)			2	2	0.5
Single-Unit Truck (3 or more axles)					
School Bus					
Truck/Trailer			5	5	1.2
Truck-Tractor (bobtail)					
Truck-Tractor/Semi-Trailer		1	12	13	3.1
Truck-Tractor/Double					
Truck-Tractor/Triple					
Bus/Large Van (9-15 seats)					
Bus (16+ seats)					
Motorcycle		3	1	4	0.9
Motor Scooter/Moped					
Motor Home					
Farm Machinery					
ATV					
Sport Utility Vehicle (SUV)		16	72	88	20.8
Passenger Van		2	6	8	1.9
Truck More Than 10,000 lbs.			1	1	0.2
Van (10,000 lbs. or less)			1	1	0.2
Other			2	2	0.5
Total	1	73	350	424	100
Percent	0.2	17.2	82.5	100	
	•	-	•		





I-40 & DOUGLAS
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**Day And Time Of Occurrence Of Collisions** 

												lour Of	The Da	у												
Day						Α	M											F	M							
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Tot	Pcnt
Sunday		3	1	1	2		1	1		3		2			1	3	1	2		7					21	9.1
Monday	1				1	4	10	1	1	1		1	1	1	3	2				1	2	1			31	13.4
Tuesday					1	3	8		1	1	1	1	1		2		3	1					1		24	10.3
Wednesday						1	12	3		1	1	1		3	5	6	8	2		2			1	1	47	20.3
Thursday					2	1	10	1	3	2	2	1	4	4	5	3	2	8	3				2	1	54	23.3
Friday			1				5	1		1	1		4	4	4	3	2	2		4				1	33	14.2
Saturday		1				1	1	2	2				3	1	1	1	3	1	1		1	1	2		22	9.5
		Earl	y Morni	ng - Su	nrise		Мо	rning P	eak	Mid Morning/Afternoon						PM Pea	k		E	vening -	Late Ni	ght		Tot	100	
Total				24				63		67							53					25			232	
Percent			10	0.3				27.2				28	3.9				22.8				1	0.8			100	

Roadway/Lighting

		Liç					
Roadway Conditions	Daylight	Darkness	Twilight	Lighted	Unknown	Total	Percent
Dry	124	24	6	10		164	70.7
Wet (Water)	46	13	2	2	1	64	27.6
Ice, Snow, or Slush	3	1				4	1.7
Mud, Dirt, Gravel, or Sand							
Other							
Total	173	38	8	12	1	232	100
Percent	74.6	16.4	3.4	5.2	0.4	100	

**Weather Conditions** 

Weather Conditions	Total	Percent
Clear	109	47.0
Clouds Present	65	28.0
Raining/Fog	54	23.3
Snowing/Sleet/Hail	2	0.9
Other	2	0.9
Total	232	100



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# **Drivers By Driver Conditions**

	A	namathu Ni			-	Alcohol	Involve				. C.		D	llaa laal	:tI	Umlana					Total		
Unsafe/Unlawful	Арра	rently N	ormai	Abil	ity Impa	aired	Ode	or Detec	cted	Sleep Suspected		Drug	Use Ind	icated	Unkno	own Cor	altion	Total					
	Fat	lnj *	PD	Fat	lnj *	PD	Fat	lnj *	PD	Fat	lnj *	PD	Fat	lnj*	PD	Fat	lnj *	PD	Fat	lnj *	PD	Total	Pcnt
Failed to Yield		3	8																	3	8	11	2.6
Failed to Stop																							
Failed to Signal															7								
Improper Turn																		1			1	1	0.2
Improper Start																							
Improper Stop		2															1			3		3	0.7
Improper Backing																							
Improper Parking																							
Improper Passing																		1			1	1	0.2
Improper Lane Change		3	15														2	9		5	24	29	6.9
Left of Center																							
Following Too Close		33	54														1	4		34	58	92	21.7
Unsafe Speed	1	5	38												1			3	1	5	42	48	11.3
DWI			2		1	2														1	4	5	1.2
Inattention		10	15								3	1						1		13	17	30	7.1
Negligent Driving		1	5															2		1	7	8	1.9
Defective Vehicle			3																		3	3	0.7
Wrong Way							43	V			/						1			1		1	0.2
No Improper Action	2	63	118			1											1	3	2	64	122	188	44.4
Other		1	1			7 (												1		1	2	3	0.7
Total	3	121	259		1	3					3	1			1		6	25	3	131	289	423	100
Percent	0.7	28.6	61.2		0.2	0.7					0.7	0.2			0.2		1.4	5.9	0.7	31.0	68.3	100	

Severities Indicate Highest Severity in Collision

**Collisions By Special Feature** 

Special Feature	Total								
Special realure	Fat	lnj *	PD	Tot					
Bridge		1		1					
Work Zone		3	1	4					
Cross Median									
Train Collision									



# **STUDY CRITERIA**

# I-40 & DOUGLAS

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#### **ROADWAY / REGION**

QUERY OVER			SELECTIONS				
Control Section	County: 55, Control Section: 68, CS Type: hwy, CS Query On: range, Mile Start: 06.11, Mile End: 06.58						

# DATE

Date Range	01-01-2014 to 12-31-2018
Date italige	0. 0. 20. 10 12 0. 2010

# REPORT SECTIONS

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

# FILTER COLLISIONS

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

#### REPORT FORMAT OPTIONS

Print Watermark	Checked
Print DPS Case Numbers	Unchecked