ENCOMPASS 2045

REGIONAL CRASH OVERVIEW

2015 - 2019

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STATEWIDE ANALYSIS FOR ENGINEERING AND TECHNOLOGY DATABASE

- ACOG staff collect vehicular crash data from the Statewide Analysis for Engineering and Technology (SAFE-T), an automated crash analysis and reporting system.

- The SAFE-T data represents all crashes that are recorded through manual police reports.

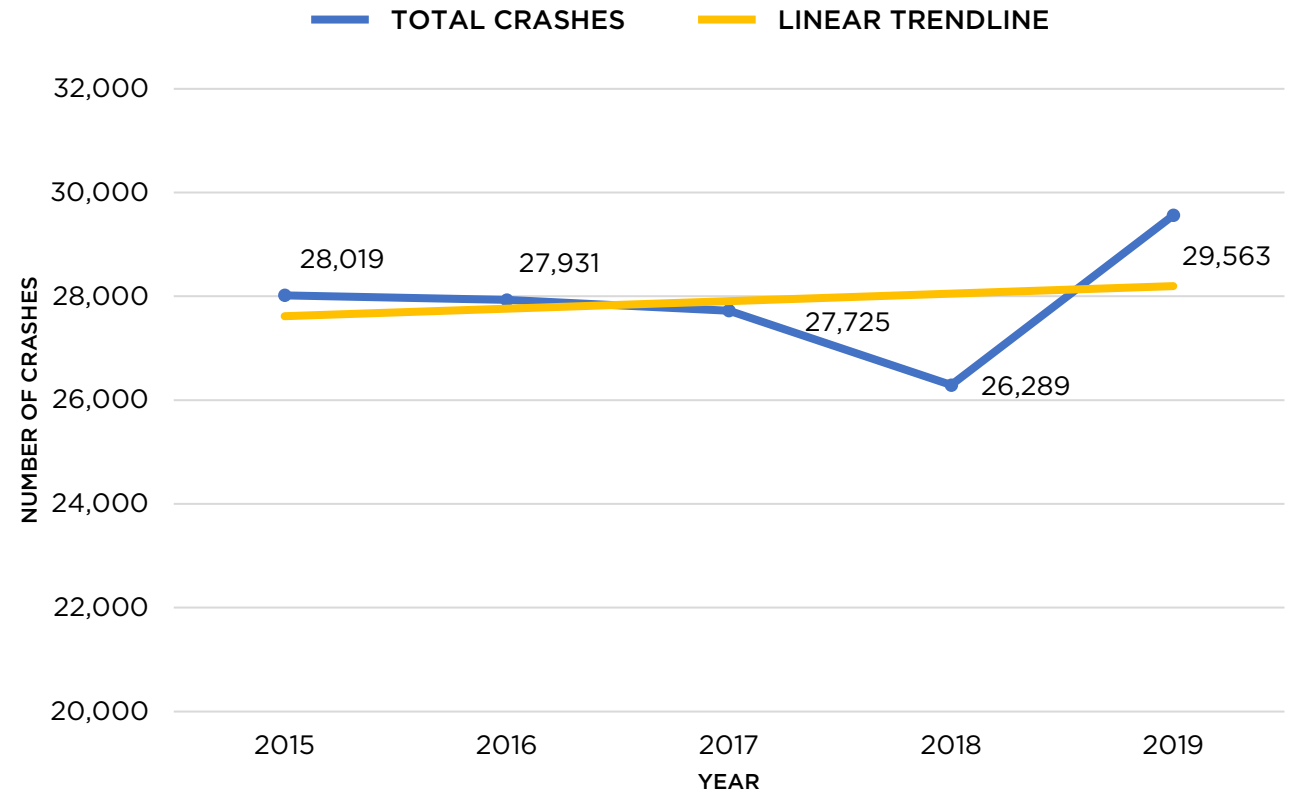- This overview covers a five-year period from 2015 to 2019.
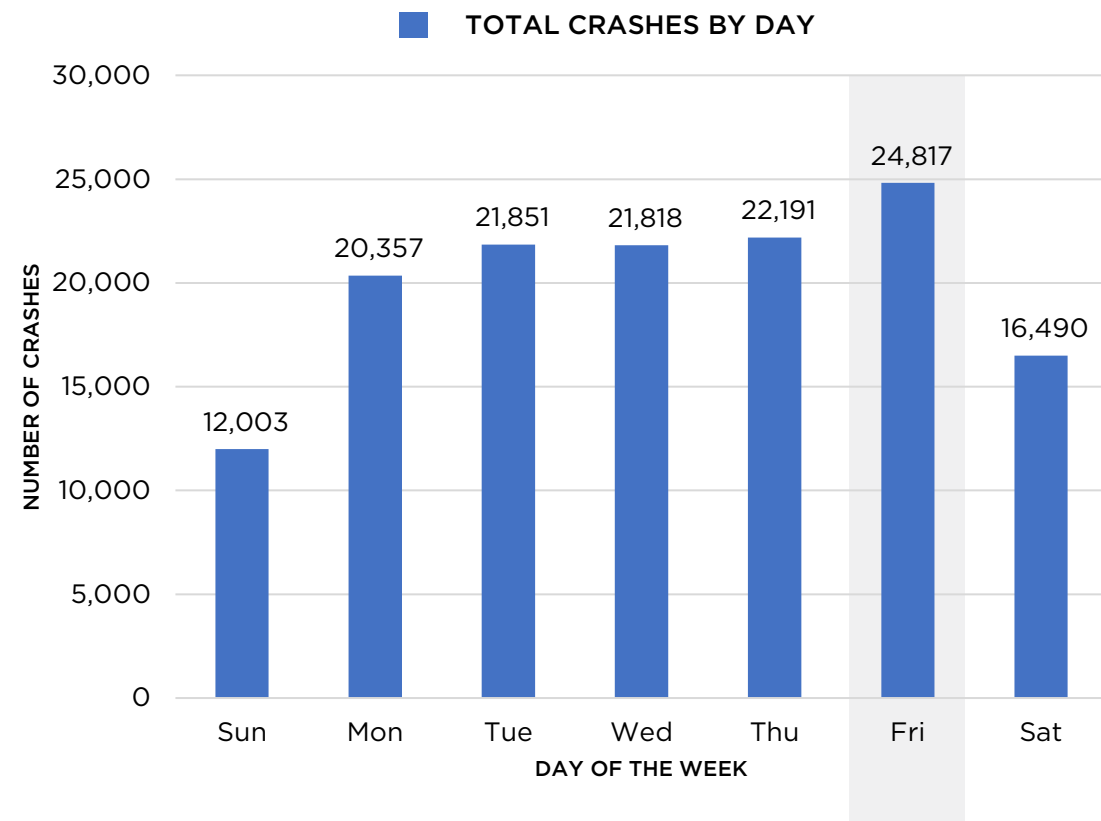
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REGIONAL CRASH OVERVIEW

TOTAL CRASHES

139,527

AVERAGE CRASHES PER YEAR

27,905

TOTAL CRASHES — **LINEAR TRENDLINE**

NUMBER OF CRASHES

- 2015: 28,019
- 2016: 27,931
- 2017: 27,725
- 2018: 26,289
- 2019: 29,563

YEAR

Data Source: Statewide Analysis for Engineering and Technology (SAFE-T)

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CRASHES BY MONTH AND DAY

TOTAL CRASHES BY MONTH

Month	Number of Crashes
Jan	10,628
Feb	10,373
Mar	10,835
Apr	11,484
May	12,332
Jun	11,383
Jul	10,818
Aug	11,947
Sep	12,013
Oct	13,031
Nov	12,232
Dec	12,451

TOTAL CRASHES BY DAY

Day of the Week	Number of Crashes
Sun	12,003
Mon	20,357
Tue	21,851
Wed	21,818
Thu	22,191
Fri	24,817
Sat	16,490

Data Source: Statewide Analysis for Engineering and Technology (SAFE-T)

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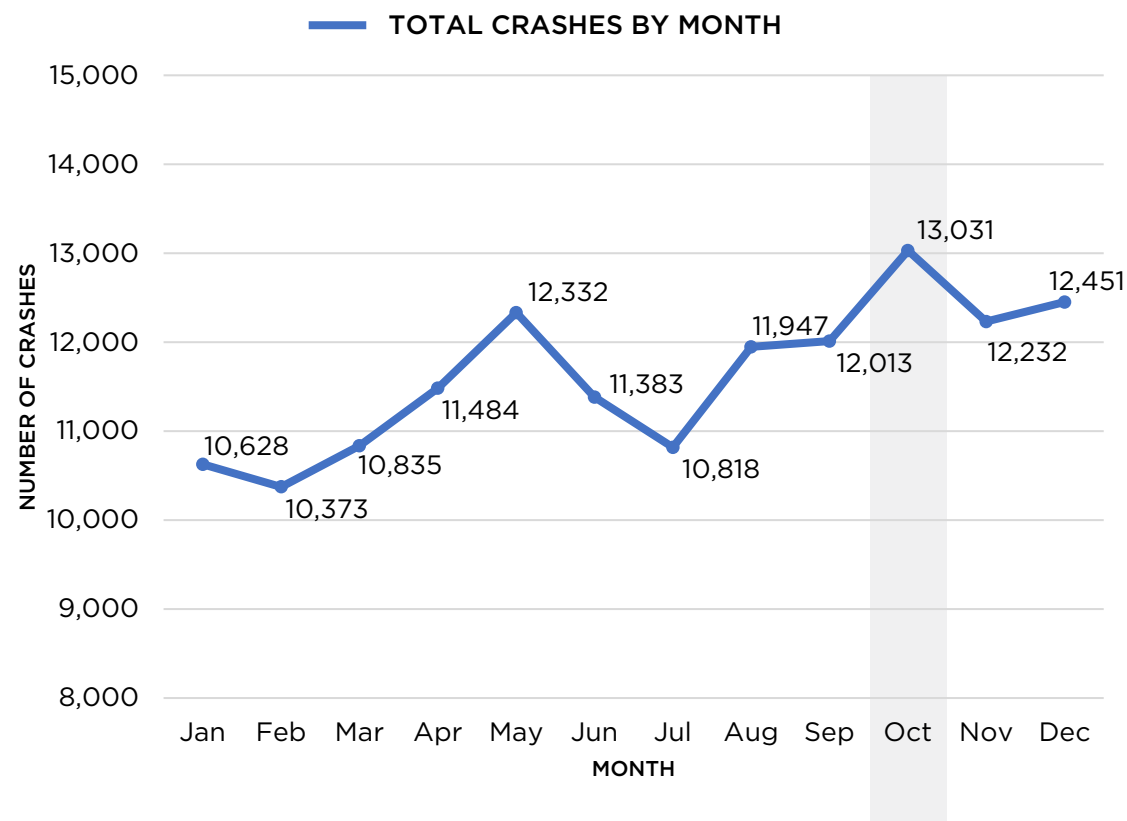
CRASH CAUSES AND HEAT MAP

CRASH CAUSES

- Followed too Closely
- Failed to Yield
- Inattention
- Improper Lane Change
- Unsafe Speed
- Improper Turn
- Other
- Failed to Stop
- D-W-I
- Remaining Causes

Pie chart values: 19%, 19%, 16%, 9%, 7%, 7%, 6%, 5%, 3%, 9%

Data Source: Statewide Analysis for Engineering and Technology (SAFE-T)

Crash Overview
Sparse
Dense

0   5   10 Miles
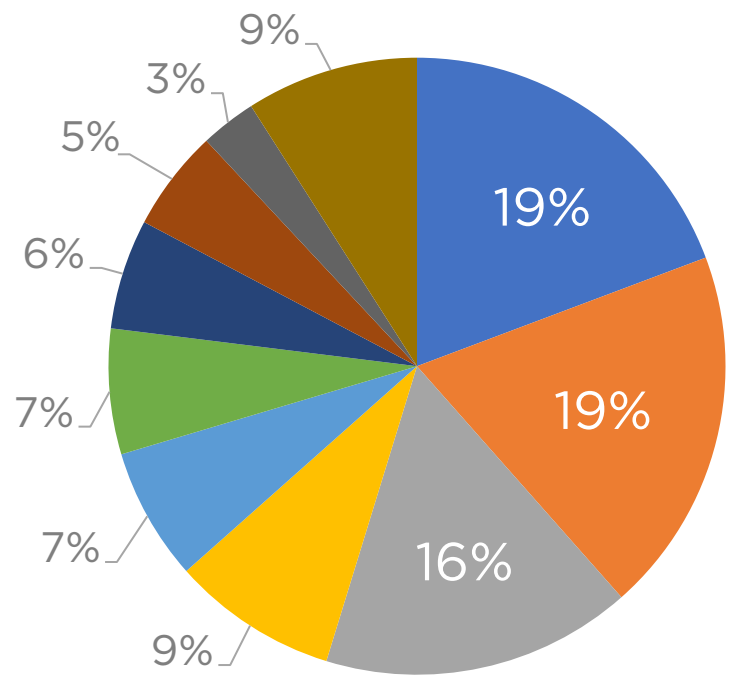
FATAL CRASHES OF 2015 - 2019

TOTAL FATAL CRASHES

611

TOTAL NUMBER OF FATALITIES

657

AVERAGE FATAL CRASHES PER YEAR

131

Legend: ■ TOTAL FATALITIES   ■ LINEAR TRENDLINE

Y-axis (NUMBER OF FATAL CRASHES): 100, 110, 120, 130, 140, 150, 160, 170

Data points: 127 (2015), 129 (2016), 148 (2017), 125 (2018), 128 (2019)

X-axis (YEAR): 2015, 2016, 2017, 2018, 2019

Data Source: Statewide Analysis for Engineering and Technology (SAFE-T)

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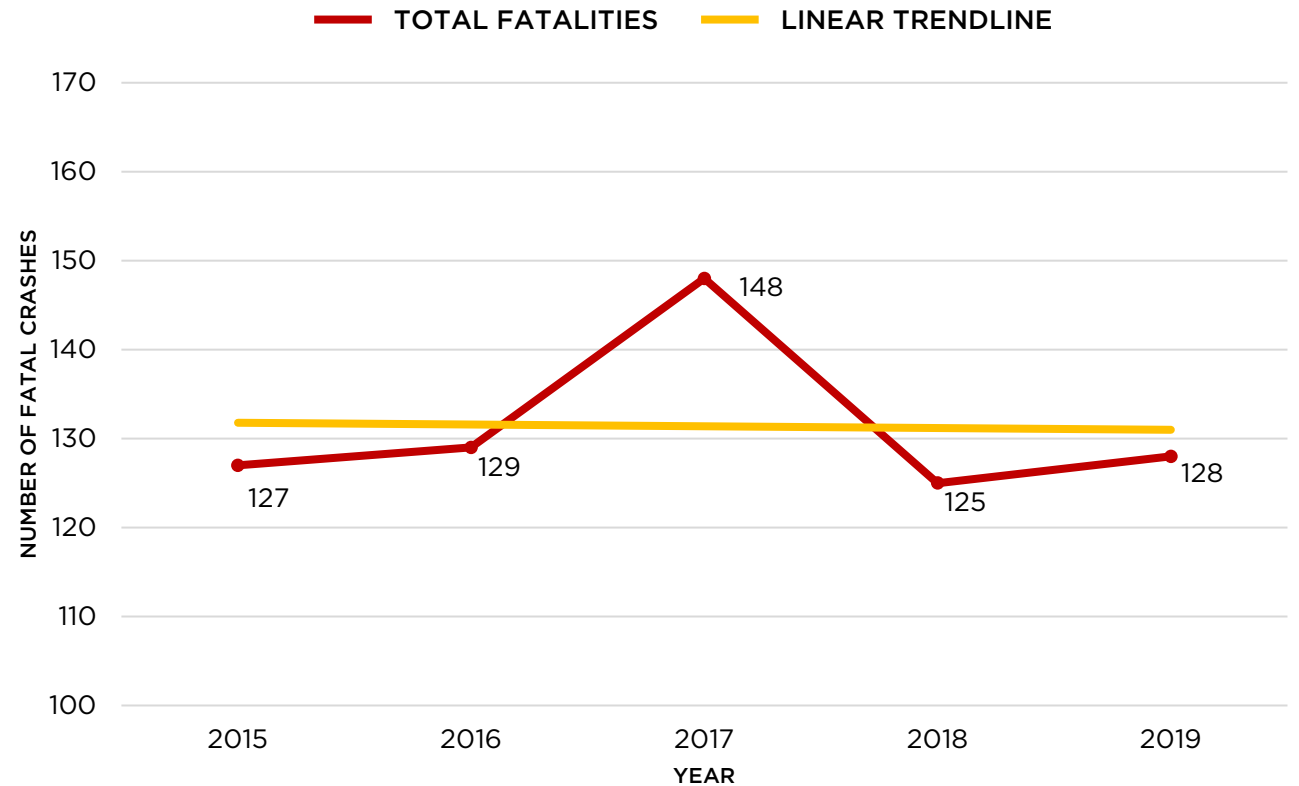
FATALITIES BY MONTH AND DAY

TOTAL FATAL CRASHES BY MONTH

Line chart — NUMBER OF CRASHES by MONTH:

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Crashes	53	48	61	53	55	59	54	49	48	58	58	61

TOTAL FATAL CRASHES BY DAY

Bar chart — NUMBER OF CRASHES by DAY OF THE WEEK:

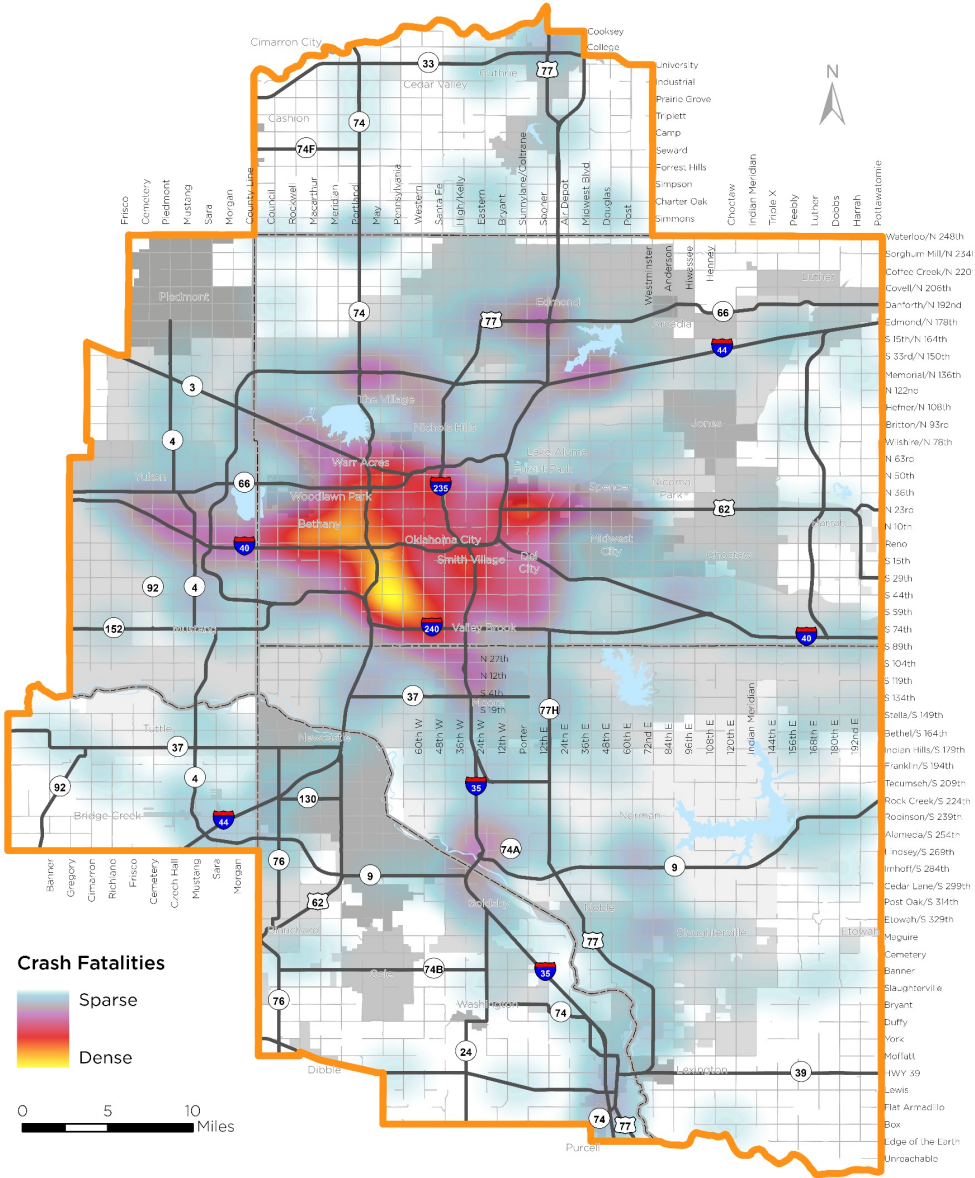| Day	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Crashes	93	84	86	102	81	93	118

Data Source: Statewide Analysis for Engineering and Technology (SAFE-T)

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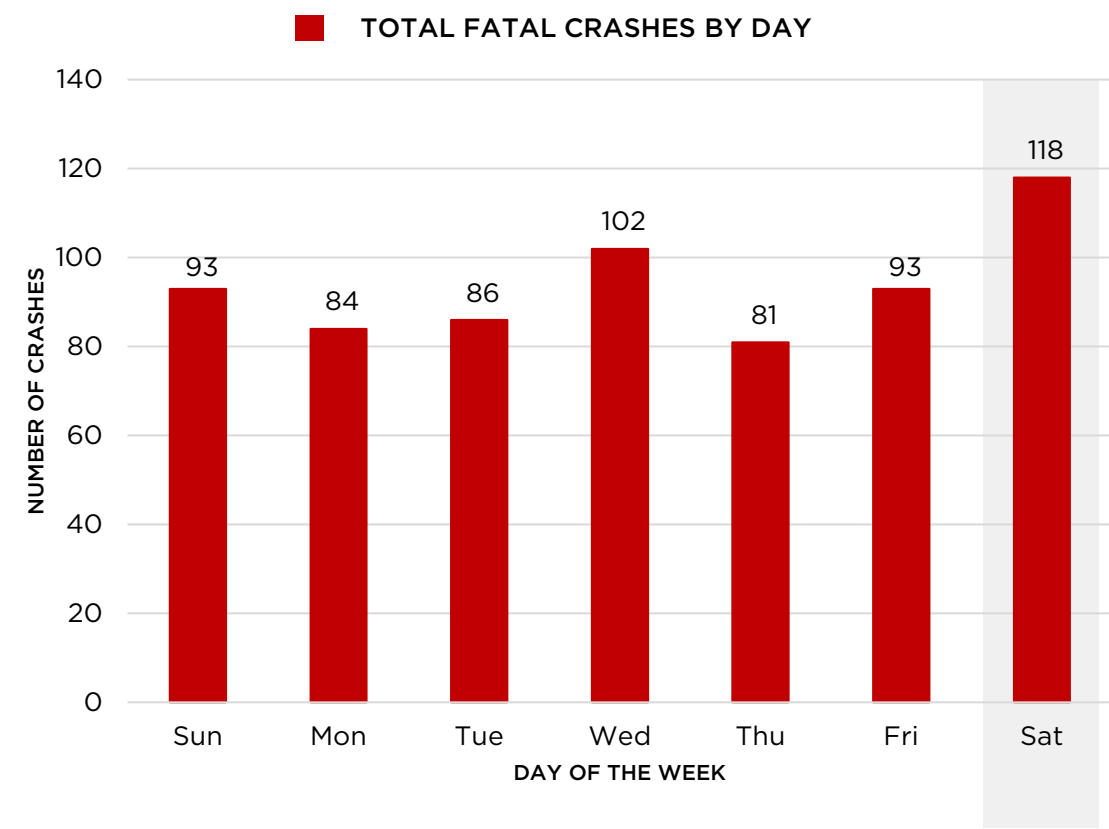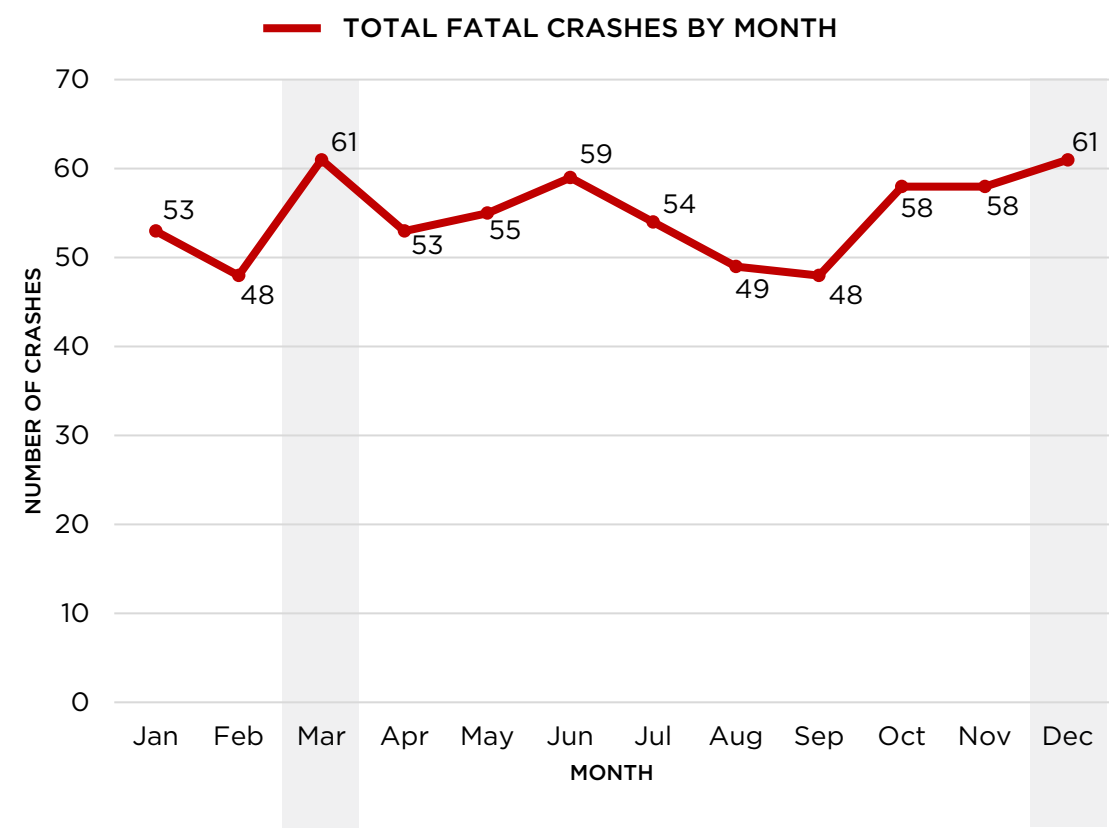
FATAL CAUSES AND HEAT MAP

FATAL CRASH CAUSES
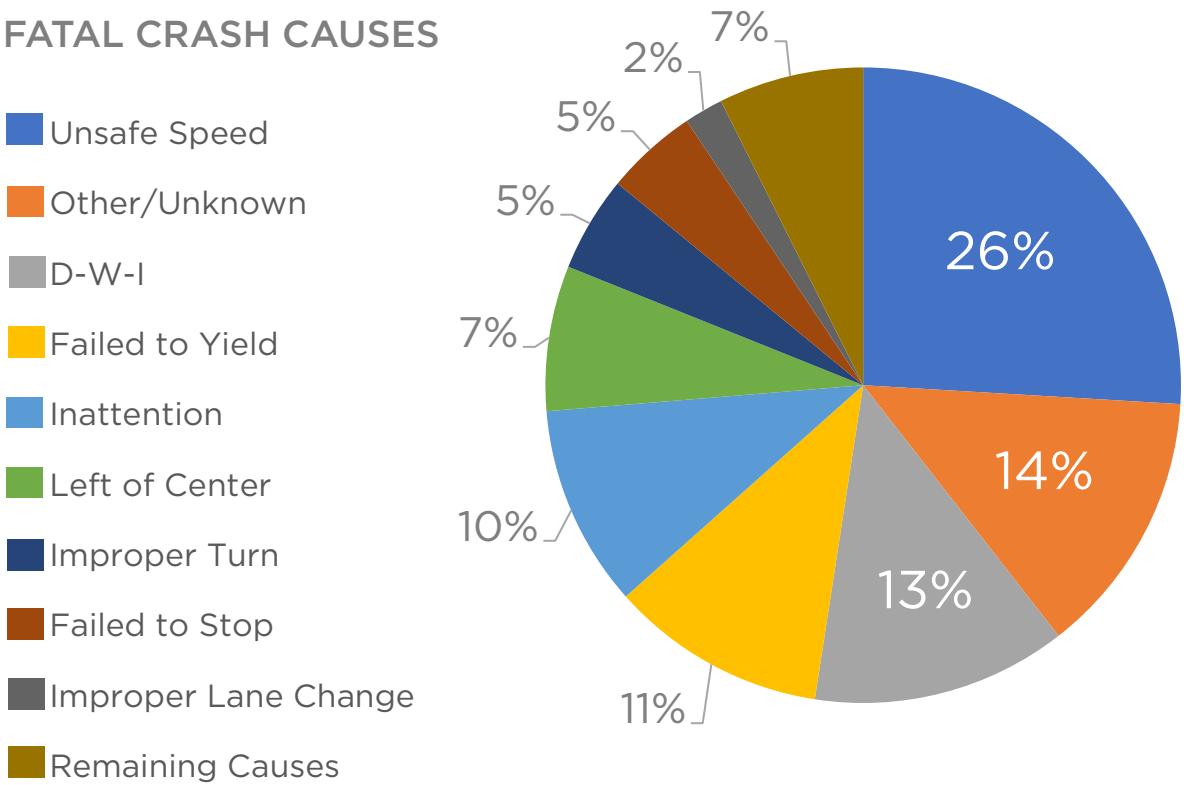
- Unsafe Speed
- Other/Unknown
- D-W-I
- Failed to Yield
- Inattention
- Left of Center
- Improper Turn
- Failed to Stop
- Improper Lane Change
- Remaining Causes

Data Source: Statewide Analysis for Engineering and Technology (SAFE-T)

Crash Fatalities

Sparse

Dense

NON-MOTORIZED CRASHES OF 2015 - 2019

PEDESTRIAN-RELATED CRASHES

Total:	Average per Year:
1,217	**243**

BICYCLE-RELATED CRASHES

Total:	Average per Year:
537	**107**

Data Source: Statewide Analysis for Engineering and Technology (SAFE-T)
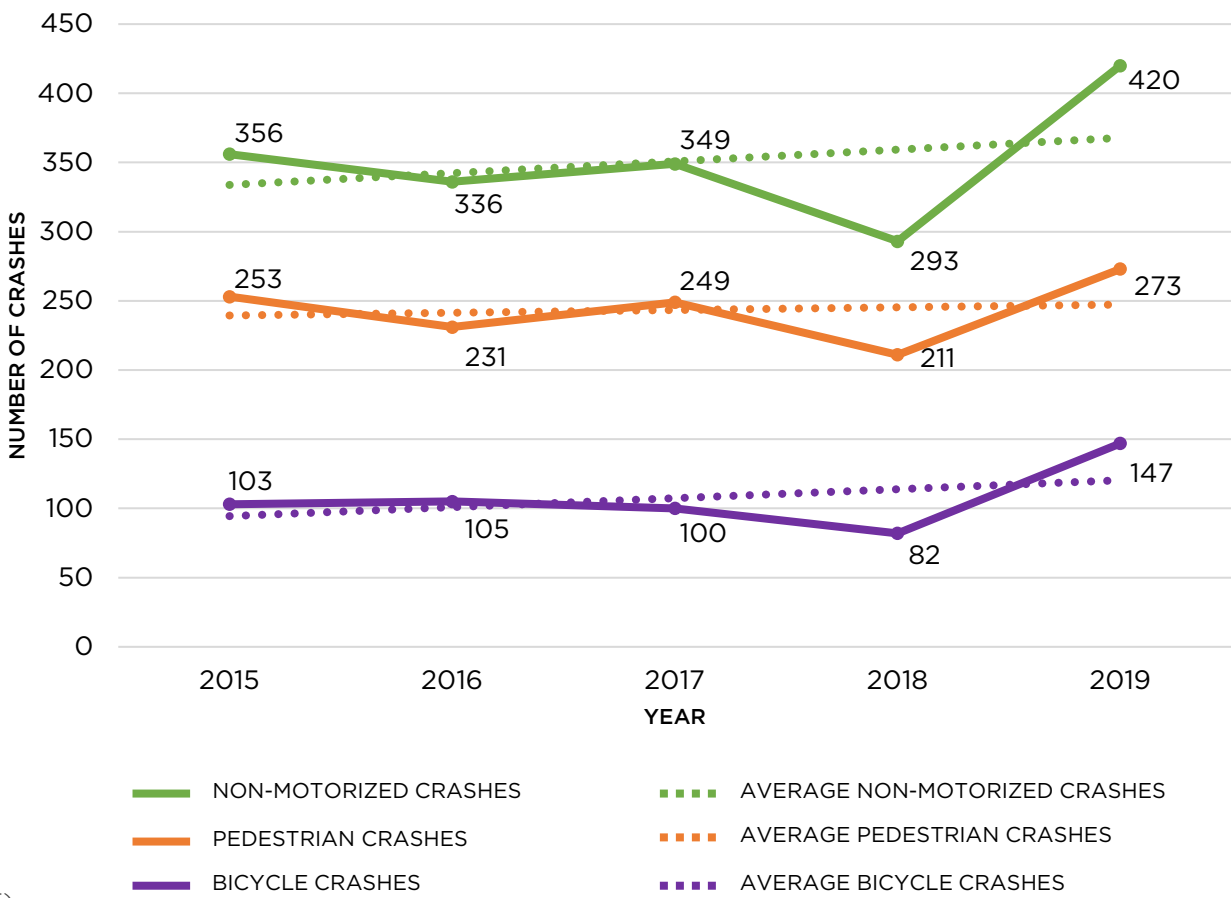
NUMBER OF CRASHES
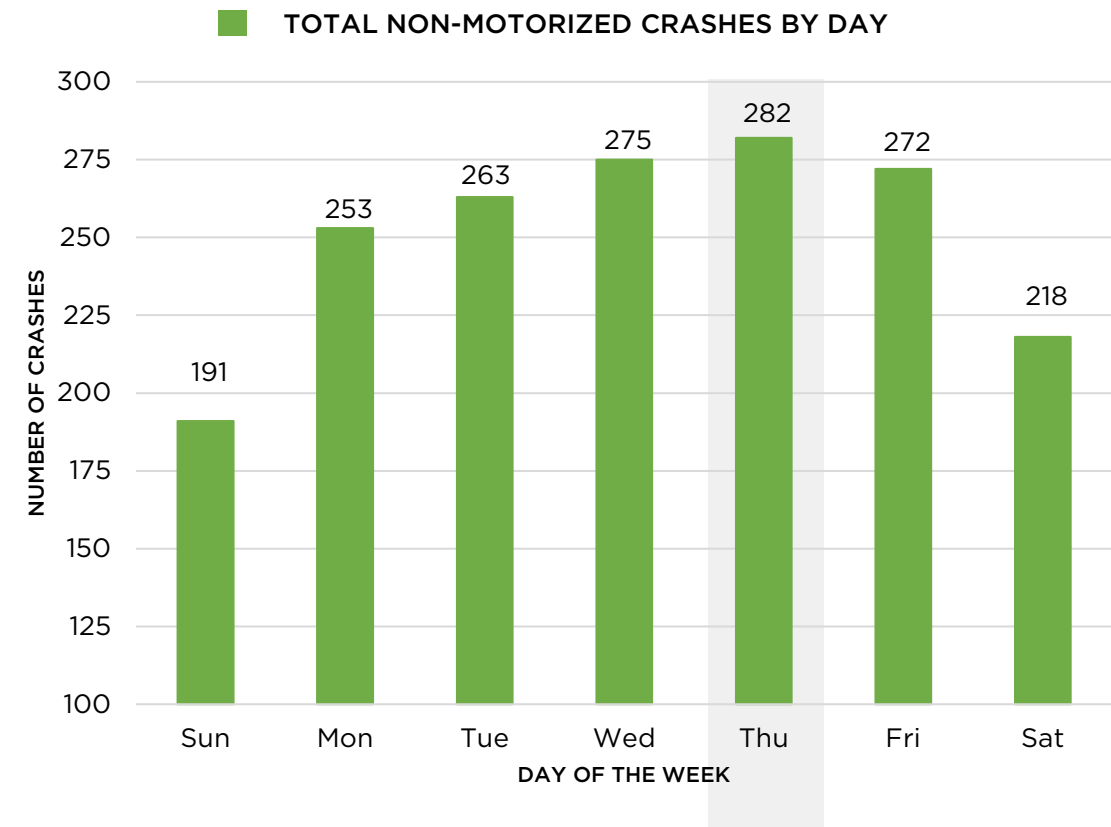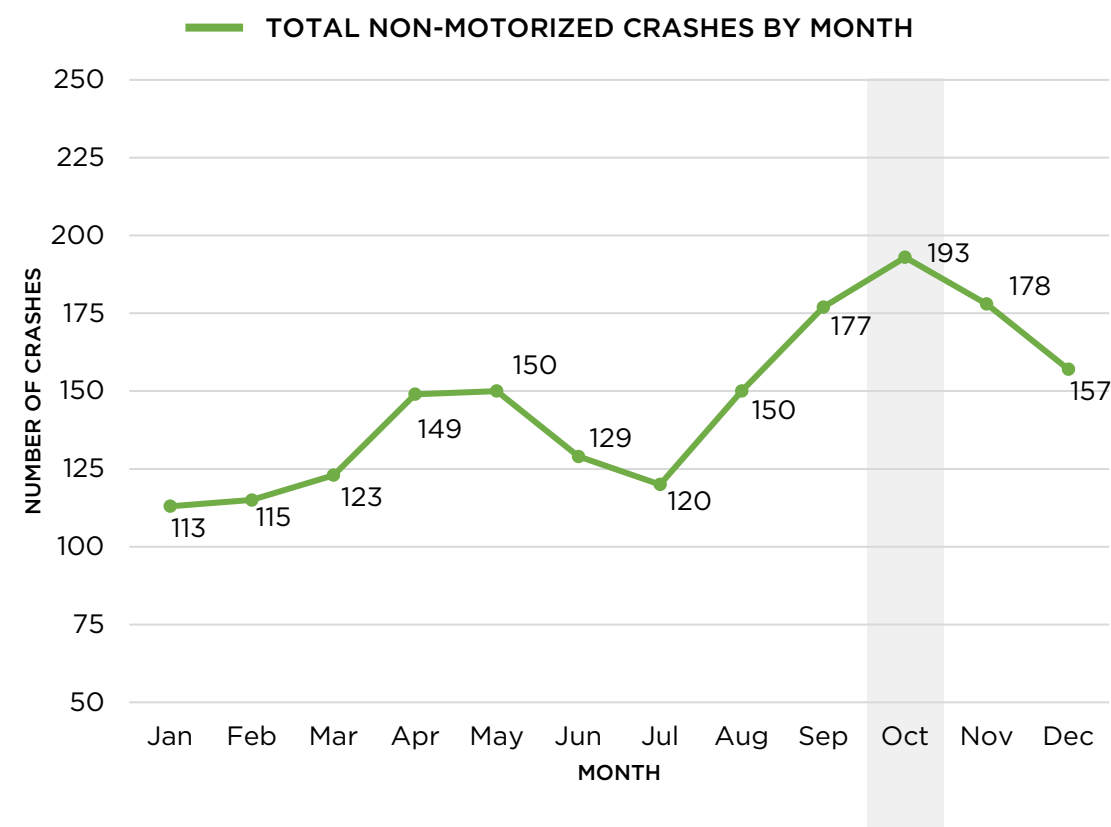
	NON-MOTORIZED CRASHES		AVERAGE NON-MOTORIZED CRASHES
	PEDESTRIAN CRASHES		AVERAGE PEDESTRIAN CRASHES
	BICYCLE CRASHES		AVERAGE BICYCLE CRASHES

YEAR

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NON-MOTORIZED CRASHES BY MONTH AND DAY

TOTAL NON-MOTORIZED CRASHES BY MONTH

Jan 113, Feb 115, Mar 123, Apr 149, May 150, Jun 129, Jul 120, Aug 150, Sep 177, Oct 193, Nov 178, Dec 157

TOTAL NON-MOTORIZED CRASHES BY DAY

Sun 191, Mon 253, Tue 263, Wed 275, Thu 282, Fri 272, Sat 218

Data Source: Statewide Analysis for Engineering and Technology (SAFE-T)

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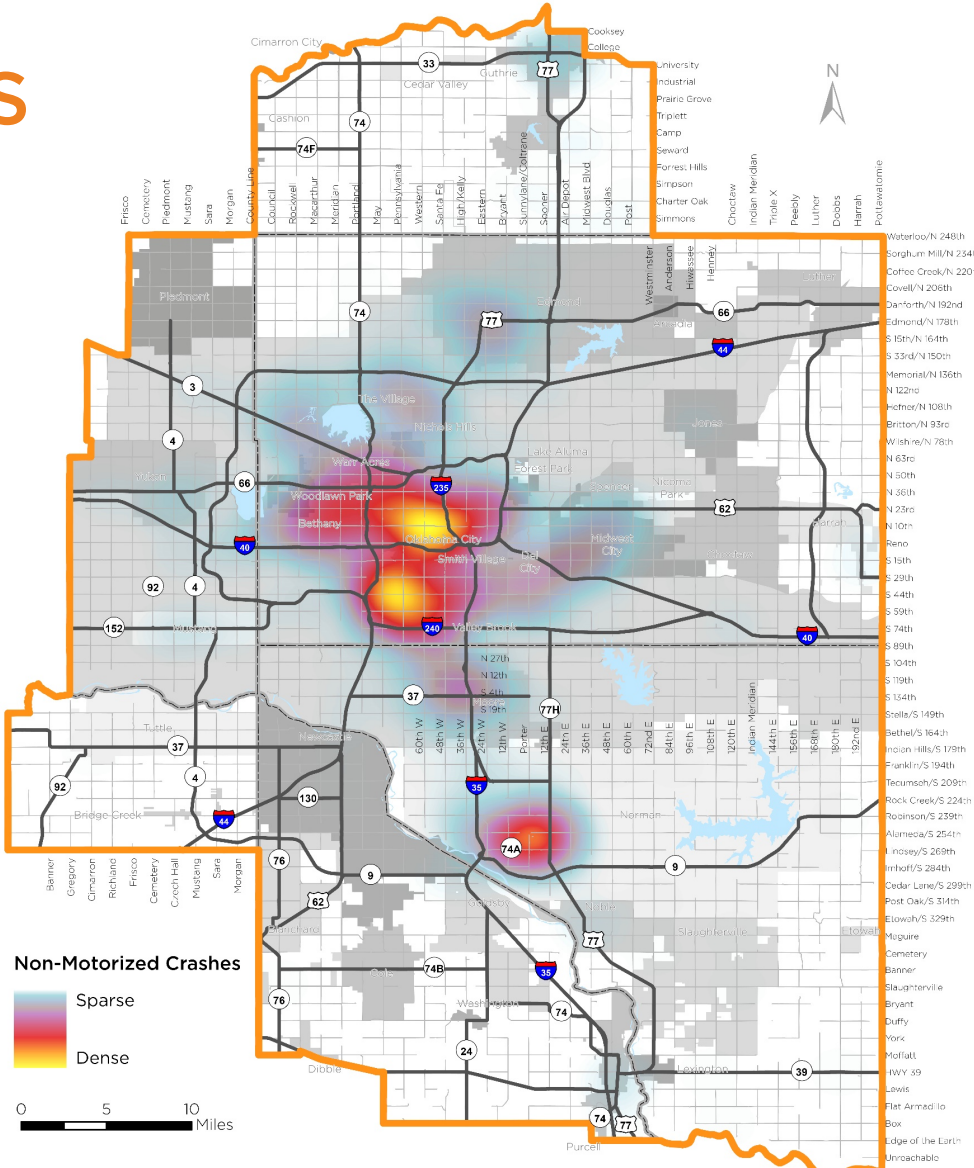# NON-MOTORIZED CRASH CAUSES AND HEAT MAP

NON-MOTORIZED CRASH CAUSES

- **Followed too Closely**
- **Failed to Yield**
- **Inattention**
- **Improper Lane Change**
- **Unsafe Speed**
- **Improper Turn**
- **Other**
- **Failed to Stop**
- **D-W-I**
- **Remaining Causes**

Pie chart values: 19%, 19%, 16%, 9%, 7%, 7%, 6%, 5%, 3%, 9%

Non-Motorized Crashes

Sparse — Dense

0   5   10 Miles

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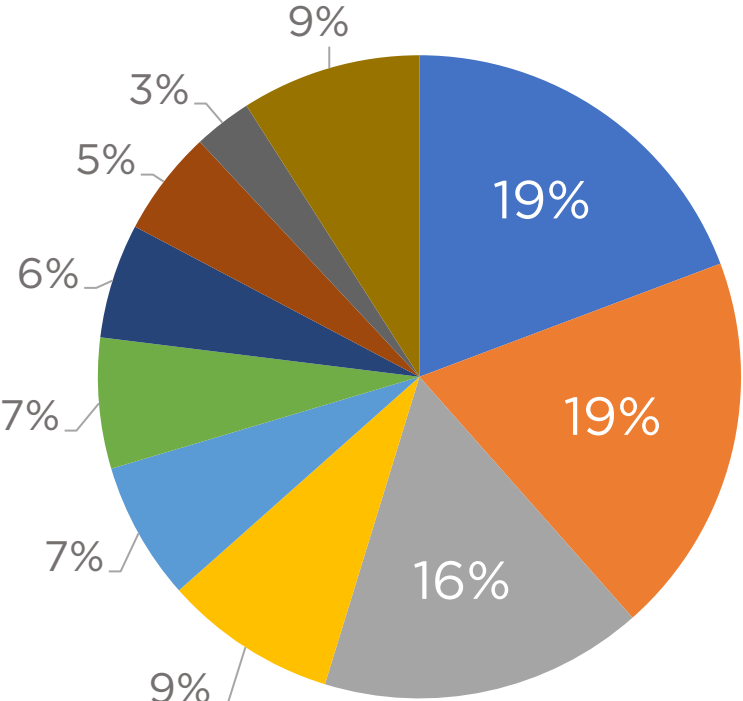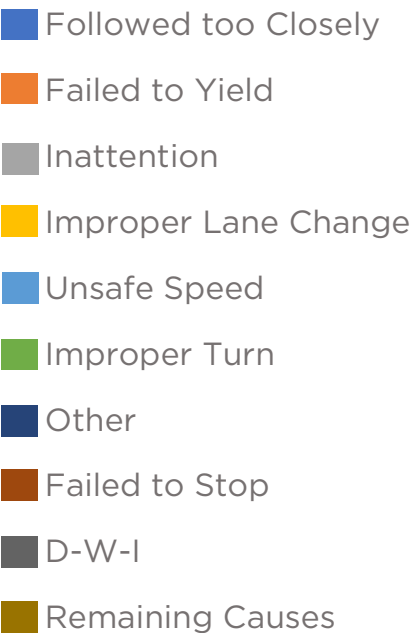
Data Source: Statewide Analysis for Engineering and Technology (SAFE-T)

QUESTIONS?

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