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.
# Regional Crash Overview

**Total Crashes**

139,527

**Average Crashes Per Year**

27,905

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

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<table>
<thead>
<tr>
<th>Year</th>
<th>Total Crashes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>28,019</td>
</tr>
<tr>
<td>2016</td>
<td>27,931</td>
</tr>
<tr>
<td>2017</td>
<td>27,725</td>
</tr>
<tr>
<td>2018</td>
<td>26,289</td>
</tr>
<tr>
<td>2019</td>
<td>29,563</td>
</tr>
</tbody>
</table>

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**Linear Trendline**

- Total Crashes
- Linear Trendline

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</tr>
</tbody>
</table>
CRASHES BY MONTH AND DAY

**TOTAL CRASHES BY MONTH**

<table>
<thead>
<tr>
<th>Month</th>
<th>Number of Crashes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan</td>
<td>10,628</td>
</tr>
<tr>
<td>Feb</td>
<td>10,373</td>
</tr>
<tr>
<td>Mar</td>
<td>11,484</td>
</tr>
<tr>
<td>Apr</td>
<td>12,332</td>
</tr>
<tr>
<td>May</td>
<td>11,383</td>
</tr>
<tr>
<td>Jun</td>
<td>10,818</td>
</tr>
<tr>
<td>Jul</td>
<td>11,947</td>
</tr>
<tr>
<td>Aug</td>
<td>12,013</td>
</tr>
<tr>
<td>Sep</td>
<td>13,031</td>
</tr>
<tr>
<td>Oct</td>
<td>12,451</td>
</tr>
<tr>
<td>Nov</td>
<td>12,332</td>
</tr>
<tr>
<td>Dec</td>
<td>11,383</td>
</tr>
</tbody>
</table>

**TOTAL CRASHES BY DAY**

<table>
<thead>
<tr>
<th>Day</th>
<th>Number of Crashes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun</td>
<td>12,003</td>
</tr>
<tr>
<td>Mon</td>
<td>20,357</td>
</tr>
<tr>
<td>Tue</td>
<td>21,851</td>
</tr>
<tr>
<td>Wed</td>
<td>21,818</td>
</tr>
<tr>
<td>Thu</td>
<td>22,191</td>
</tr>
<tr>
<td>Fri</td>
<td>24,817</td>
</tr>
<tr>
<td>Sat</td>
<td>16,490</td>
</tr>
</tbody>
</table>

**Data Source:** Statewide Analysis for Engineering and Technology (SAFE-T)
CRASH CAUSES AND HEAT MAP

CRASH CAUSES

- Followed too Closely: 19%
- Failed to Yield: 19%
- Inattention: 16%
- Improper Lane Change: 9%
- Unsafe Speed: 7%
- Improper Turn: 7%
- Other: 6%
- Failed to Stop: 5%
- D-W-I: 3%
- Remaining Causes: 9%

Data Source: Statewide Analysis for Engineering and Technology (SAFE-T)
FATAL CRASHES OF 2015 - 2019

TOTAL FATAL CRASHES
611

TOTAL NUMBER OF FATALITIES
657

AVERAGE FATAL CRASHES PER YEAR
131

Data Source: Statewide Analysis for Engineering and Technology (SAFE-T)
FATALITIES BY MONTH AND DAY

TOTAL FATAL CRASHES BY MONTH

- January: 53
- February: 61
- March: 53
- April: 35
- May: 59
- June: 54
- July: 49
- August: 48
- September: 58
- October: 58
- November: 58
- December: 61

TOTAL FATAL CRASHES BY DAY

- Sunday: 93
- Monday: 84
- Tuesday: 86
- Wednesday: 102
- Thursday: 81
- Friday: 93
- Saturday: 118

Data Source: Statewide Analysis for Engineering and Technology (SAFE-T)
FATAL CAUSES AND HEAT MAP

FATAL CRASH CAUSES

- Unsafe Speed: 26%
- Other/Unknown: 14%
- D-W-I: 13%
- Failed to Yield: 11%
- Inattention: 10%
- Left of Center: 7%
- Improper Turn: 7%
- Failed to Stop: 5%
- Improper Lane Change: 5%
- Remaining Causes: 2%

Data Source: Statewide Analysis for Engineering and Technology (SAFE-T)
## Non-Motorized Crashes of 2015 - 2019

### Pedestrian-Related Crashes
- **Total:** 1,217
- **Average per Year:** 243

### Bicycle-Related Crashes
- **Total:** 537
- **Average per Year:** 107

Data Source: Statewide Analysis for Engineering and Technology (SAFE-T)
NON-MOTORIZED CRASHES BY MONTH AND DAY

Data Source: Statewide Analysis for Engineering and Technology (SAFE-T)
NON-MOTORIZED CRASH CAUSES AND HEAT MAP

NON-MOTORIZED CRASH CAUSES

- Followed too Closely: 19%
- Failed to Yield: 9%
- Inattention: 7%
- Improper Lane Change: 7%
- Unsafe Speed: 6%
- Improper Turn: 5%
- Other: 3%
- Failed to Stop: 2%
- D-W-I: 2%
- Remaining Causes: 16%

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

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ASSOCIATION OF CENTRAL OKLAHOMA GOVERNMENTS