

## Crash and Injuries by Month

| Month        | Crashes      |           |            |                      | Persons   |            |
|--------------|--------------|-----------|------------|----------------------|-----------|------------|
|              | Total        | Fatal     | Injury     | Property Damage Only | Fatality  | Injury     |
| January      | 480          | 1         | 64         | 415                  | 1         | 80         |
| February     | 411          | 1         | 57         | 353                  | 1         | 81         |
| March        | 342          | 1         | 58         | 283                  | 1         | 79         |
| April        | 272          | 0         | 39         | 233                  | 0         | 62         |
| May          | 362          | 0         | 63         | 299                  | 0         | 81         |
| June         | 331          | 2         | 58         | 271                  | 2         | 81         |
| July         | 283          | 3         | 48         | 232                  | 3         | 73         |
| August       | 289          | 0         | 58         | 231                  | 0         | 69         |
| September    | 307          | 0         | 66         | 241                  | 0         | 88         |
| October      | 358          | 0         | 54         | 304                  | 0         | 78         |
| November     | 371          | 3         | 52         | 316                  | 4         | 71         |
| December     | 467          | 0         | 69         | 398                  | 0         | 93         |
| <b>TOTAL</b> | <b>4,273</b> | <b>11</b> | <b>686</b> | <b>3,576</b>         | <b>12</b> | <b>936</b> |

In Calhoun County in 2012 there were:

**4,273** crashes

Involving:

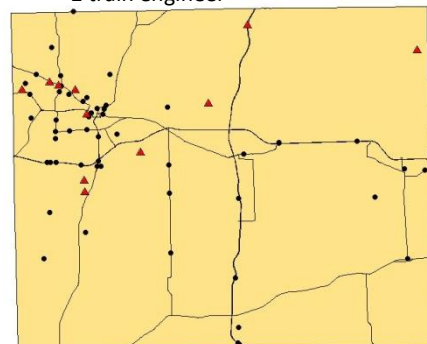
**7,694** people

**7,639** motor vehicle drivers and passengers

**27** bicyclists

**27** pedestrians

**1** train engineer



Crashes by most severe injury (mapped/actual)

▲ Fatal (11/11)

● Incapacitating (A) (55/55)

## Driver Statistics

| Age Group     |                  |                  |                    | Drivers in Crashes |                  |
|---------------|------------------|------------------|--------------------|--------------------|------------------|
|               | 2011* Population | Licensed Drivers | Drivers in Crashes | Per 10K Population | Per 10K Licensed |
| 0 - 15        | 28,411           | 575              | 8                  | 2.8                | 139.1            |
| 16 - 20       | 10,002           | 6,076            | 745                | 744.9              | 1226.1           |
| 21 - 64       | 76,804           | 69,475           | 4,621              | 601.7              | 665.1            |
| 65 +          | 20,273           | 17,996           | 660                | 325.6              | 366.7            |
| Other/Unknown | --               | --               | 496                | --                 | --               |
| <b>TOTAL</b>  | <b>135,490</b>   | <b>94,122</b>    | <b>6,530</b>       | <b>482.0</b>       | <b>693.8</b>     |

\*2012 Population of Michigan Counties (by single-year of age) not yet available from U.S. Census Bureau

## Vehicles in Crashes

| Vehicle Type                                       | Motor Vehicles     |              | Fatal Crash        |              | Injury Crash | PDO Crash    |
|----------------------------------------------------|--------------------|--------------|--------------------|--------------|--------------|--------------|
|                                                    | Number of Vehicles | % of Total   | Number of Vehicles | % of Total   |              |              |
| Passenger car & station wagon                      | 4,666              | 71.5         | 12                 | 80.0         | 807          | 3,847        |
| Van, motorhome                                     | 363                | 5.6          | 0                  | 0.0          | 65           | 298          |
| Pickup truck                                       | 844                | 12.9         | 2                  | 13.3         | 142          | 700          |
| Small truck under 10,000 lbs. GVWR                 | 247                | 3.8          | 1                  | 6.7          | 44           | 202          |
| Cycle                                              | 61                 | 0.9          | 0                  | 0.0          | 40           | 21           |
| Moped                                              | 20                 | 0.3          | 0                  | 0.0          | 16           | 4            |
| Go Cart                                            | 1                  | 0.0          | 0                  | 0.0          | 0            | 1            |
| Snowmobile                                         | 0                  | 0.0          | 0                  | 0.0          | 0            | 0            |
| Off-Road Vehicle (ORV) / All-Terrain Vehicle (ATV) | 2                  | 0.0          | 0                  | 0.0          | 1            | 1            |
| Other                                              | 24                 | 0.4          | 0                  | 0.0          | 5            | 19           |
| Truck/bus over 10,000 lbs.                         | 195                | 3.0          | 0                  | 0.0          | 39           | 156          |
| Unknown                                            | 107                | 1.6          | 0                  | 0.0          | 7            | 100          |
| <b>TOTAL</b>                                       | <b>6,530</b>       | <b>100.0</b> | <b>15</b>          | <b>100.0</b> | <b>1,166</b> | <b>5,349</b> |

## Calhoun County Experience

Calhoun County experienced the highest number of fatal crashes (3) in July and November, and the highest number of persons killed (4) in November.

Calhoun County driver statistics indicate 6.5 percent of licensed drivers were age 16-20, and 11.4 percent of drivers in that age group were involved in crashes.



## Crash Type

|                             | All Crashes  |              | Fatal Crashes |              | Injury Crashes |            |            | PDO Crashes  |
|-----------------------------|--------------|--------------|---------------|--------------|----------------|------------|------------|--------------|
|                             | Number       | % of Total   | Number        | % of Fatal   | A              | B          | C          |              |
| Single Vehicle              | 2,098        | 49.1         | 7             | 63.6         | 28             | 97         | 129        | 1,837        |
| Head On                     | 50           | 1.2          | 2             | 18.2         | 3              | 8          | 9          | 28           |
| Head On - Left Turn         | 97           | 2.3          | 0             | 0.0          | 3              | 11         | 19         | 64           |
| Angle                       | 591          | 13.8         | 2             | 18.2         | 14             | 48         | 98         | 429          |
| Rear End                    | 754          | 17.6         | 0             | 0.0          | 4              | 18         | 114        | 618          |
| Rear End - Left Turn        | 55           | 1.3          | 0             | 0.0          | 0              | 2          | 7          | 46           |
| Rear End - Right Turn       | 44           | 1.0          | 0             | 0.0          | 0              | 0          | 7          | 37           |
| Sideswipe - Same Direction  | 293          | 6.9          | 0             | 0.0          | 3              | 9          | 17         | 264          |
| Sideswipe - Opposite Direct | 88           | 2.1          | 0             | 0.0          | 0              | 2          | 6          | 80           |
| Other/Unknown               | 203          | 4.8          | 0             | 0.0          | 0              | 10         | 20         | 173          |
| <b>Total</b>                | <b>4,273</b> | <b>100.0</b> | <b>11</b>     | <b>100.0</b> | <b>55</b>      | <b>205</b> | <b>426</b> | <b>3,576</b> |

## Relationship to Roadway

| Location of First Impact | All Crashes  |              | Fatal Crashes |              | Injury Crashes |            |            | PDO Crashes  |
|--------------------------|--------------|--------------|---------------|--------------|----------------|------------|------------|--------------|
|                          | Number       | % of Total   | Number        | % of Fatal   | A              | B          | C          |              |
| On Road                  | 3,394        | 79.4         | 5             | 45.5         | 36             | 137        | 332        | 2,884        |
| Median                   | 36           | 0.8          | 0             | 0.0          | 0              | 4          | 1          | 31           |
| Shoulder                 | 281          | 6.6          | 1             | 9.1          | 9              | 15         | 27         | 229          |
| Outside of Shoulder/Curb | 452          | 10.6         | 5             | 45.5         | 8              | 40         | 55         | 344          |
| Gore                     | 11           | 0.3          | 0             | 0.0          | 0              | 0          | 0          | 11           |
| Other/Unknown            | 99           | 2.3          | 0             | 0.0          | 2              | 9          | 11         | 77           |
| <b>Total</b>             | <b>4,273</b> | <b>100.0</b> | <b>11</b>     | <b>100.0</b> | <b>55</b>      | <b>205</b> | <b>426</b> | <b>3,576</b> |

## Crashes and Injuries by Municipality

|                             | Total        |           |           |            | Alcohol-involved |          |          |           | Speed-related |          |          |          |
|-----------------------------|--------------|-----------|-----------|------------|------------------|----------|----------|-----------|---------------|----------|----------|----------|
|                             | Crashes      |           | Persons   |            | Crashes          |          | Persons  |           | Crashes       |          | Persons  |          |
|                             | Total        | Fatal     | Fatality  | Injury     | Total            | Fatal    | Fatality | Injury    | Total         | Fatal    | Fatality | Injury   |
| Albion                      | 102          | 0         | 0         | 22         | 6                | 0        | 0        | 1         | 0             | 0        | 0        | 0        |
| Albion Twp.                 | 51           | 0         | 0         | 10         | 1                | 0        | 0        | 1         | 0             | 0        | 0        | 0        |
| Athens                      | 11           | 0         | 0         | 2          | 1                | 0        | 0        | 0         | 0             | 0        | 0        | 0        |
| Athens Twp.                 | 55           | 0         | 0         | 6          | 0                | 0        | 0        | 0         | 0             | 0        | 0        | 0        |
| Battle Creek                | 1,750        | 6         | 7         | 495        | 77               | 2        | 3        | 32        | 0             | 0        | 0        | 0        |
| Bedford Twp.                | 138          | 0         | 0         | 24         | 8                | 0        | 0        | 2         | 0             | 0        | 0        | 0        |
| Burlington                  | 11           | 0         | 0         | 2          | 0                | 0        | 0        | 0         | 0             | 0        | 0        | 0        |
| Burlington Twp.             | 55           | 0         | 0         | 9          | 2                | 0        | 0        | 2         | 0             | 0        | 0        | 0        |
| Clarence Twp.               | 36           | 1         | 1         | 4          | 4                | 1        | 1        | 1         | 0             | 0        | 0        | 0        |
| Clarendon Twp.              | 35           | 0         | 0         | 4          | 0                | 0        | 0        | 0         | 0             | 0        | 0        | 0        |
| Convix Twp.                 | 75           | 1         | 1         | 9          | 0                | 0        | 0        | 0         | 0             | 0        | 0        | 0        |
| Eckford Twp.                | 51           | 0         | 0         | 3          | 5                | 0        | 0        | 2         | 0             | 0        | 0        | 0        |
| Emmet Twp.                  | 447          | 1         | 1         | 112        | 24               | 1        | 1        | 11        | 0             | 0        | 0        | 0        |
| Fredonia Twp.               | 82           | 0         | 0         | 12         | 3                | 0        | 0        | 0         | 0             | 0        | 0        | 0        |
| Homer                       | 8            | 0         | 0         | 5          | 0                | 0        | 0        | 0         | 0             | 0        | 0        | 0        |
| Homer Twp.                  | 47           | 0         | 0         | 6          | 3                | 0        | 0        | 2         | 0             | 0        | 0        | 0        |
| Lee Twp.                    | 58           | 0         | 0         | 2          | 0                | 0        | 0        | 0         | 0             | 0        | 0        | 0        |
| Leroy Twp.                  | 105          | 1         | 1         | 20         | 4                | 0        | 0        | 0         | 0             | 0        | 0        | 0        |
| Marengo Twp.                | 145          | 0         | 0         | 19         | 3                | 0        | 0        | 2         | 0             | 0        | 0        | 0        |
| Marshall                    | 167          | 0         | 0         | 31         | 14               | 0        | 0        | 3         | 0             | 0        | 0        | 0        |
| Marshall Twp.               | 221          | 1         | 1         | 35         | 10               | 1        | 1        | 6         | 0             | 0        | 0        | 0        |
| Newton Twp.                 | 91           | 0         | 0         | 16         | 3                | 0        | 0        | 2         | 0             | 0        | 0        | 0        |
| Pennfield Twp.              | 163          | 0         | 0         | 21         | 4                | 0        | 0        | 0         | 0             | 0        | 0        | 0        |
| Sheridan Twp.               | 125          | 0         | 0         | 13         | 7                | 0        | 0        | 5         | 0             | 0        | 0        | 0        |
| Springfield                 | 135          | 0         | 0         | 34         | 7                | 0        | 0        | 1         | 0             | 0        | 0        | 0        |
| Tekonsha                    | 14           | 0         | 0         | 2          | 0                | 0        | 0        | 0         | 0             | 0        | 0        | 0        |
| Tekonsha Twp.               | 95           | 0         | 0         | 18         | 3                | 0        | 0        | 2         | 0             | 0        | 0        | 0        |
| Union City                  | 0            | 0         | 0         | 0          | 0                | 0        | 0        | 0         | 0             | 0        | 0        | 0        |
| Unknown Community           | 0            | 0         | 0         | 0          | 0                | 0        | 0        | 0         | 0             | 0        | 0        | 0        |
| <b>Calhoun County TOTAL</b> | <b>4,273</b> | <b>11</b> | <b>12</b> | <b>936</b> | <b>189</b>       | <b>5</b> | <b>6</b> | <b>75</b> | <b>0</b>      | <b>0</b> | <b>0</b> | <b>0</b> |

**Bodily Alcohol Concentration (BAC) Results among All Vehicle Drivers in Alcohol-involved Crashes by Age**

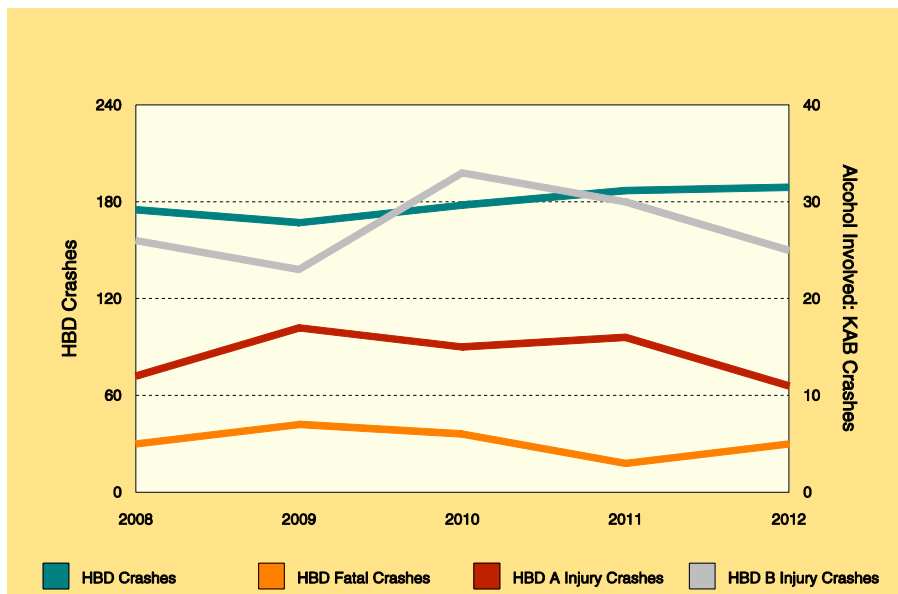
|               |                                           |                                     |                                      | BAC Result Range for Drivers Coded Drinking |            |                            |                            |                         |                  |
|---------------|-------------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------------|------------|----------------------------|----------------------------|-------------------------|------------------|
| Age group     | Total drivers in alcohol-involved crashes | Total drivers tested in all crashes | Total drivers coded drinking, tested | Total drivers coded drinking                | BAC = 0.00 | BAC 0.01 g/dL to 0.07 g/dL | BAC 0.08 g/dL to 0.16 g/dL | BAC 0.17 g/dL and above | BAC not reported |
| 0 - 15        | 0                                         | 0                                   | 0                                    | 0                                           | 0          | 0                          | 0                          | 0                       | 0                |
| 16 - 20       | 21                                        | 20                                  | 16                                   | 17                                          | 1          | 4                          | 5                          | 4                       | 3                |
| 21 - 64       | 199                                       | 179                                 | 137                                  | 165                                         | 0          | 10                         | 39                         | 39                      | 77               |
| 65 +          | 7                                         | 8                                   | 5                                    | 5                                           | 0          | 0                          | 1                          | 1                       | 3                |
| Other/Unknown | 19                                        | 1                                   | 0                                    | 1                                           | 0          | 0                          | 0                          | 0                       | 1                |
| <b>TOTAL</b>  | <b>246</b>                                | <b>208</b>                          | <b>158</b>                           | <b>188</b>                                  | <b>1</b>   | <b>14</b>                  | <b>45</b>                  | <b>44</b>               | <b>84</b>        |

Notes:

BAC measured in grams (g) per deciliter (dL)

BAC may not be reported if drivers are not tested, or if the results are not available immediately (as in the case of a blood test)

A driver may be coded by the officer as drinking even though no test is administered.

**Crashes Involving Alcohol**


Note: Had-Been-Drinking (HBD)

| CALHOUN | All Crashes | HBD Crashes | % HBD | All Fatal Crashes | HBD Fatal Crashes | % HBD  | Total A Injury Crashes | HBD A Injury Crashes | % HBD | Total B Injury Crashes | HBD B Injury Crashes | % HBD |
|---------|-------------|-------------|-------|-------------------|-------------------|--------|------------------------|----------------------|-------|------------------------|----------------------|-------|
| 2008    | 5,579       | 175         | 3.1   | 18                | 5                 | 27.8   | 79                     | 12                   | 15.2  | 206                    | 26                   | 12.6  |
| 2009    | 5,026       | 167         | 3.3   | 17                | 7                 | 41.2   | 91                     | 17                   | 18.7  | 208                    | 23                   | 11.1  |
| 2010    | 4,886       | 178         | 3.6   | 14                | 6                 | 42.9   | 73                     | 15                   | 20.6  | 197                    | 33                   | 16.8  |
| 2011    | 4,739       | 187         | 3.9   | 12                | 3                 | 25.0   | 73                     | 16                   | 21.9  | 209                    | 30                   | 14.4  |
| 2012    | 4,273*      | 189**       | 4.4** | 11*               | 5                 | 45.5** | 55*                    | 11*                  | 20.0  | 205                    | 25                   | 12.2  |

\* Lowest number/percentage reported in the 5-year period. \*\* Highest number/percentage reported in the 5-year period.

**Bodily Alcohol Concentration (BAC) Results among All Vehicle Drivers  
in Alcohol-involved Crashes by Municipality**

| Municipality                    | Total drivers<br>in alcohol-<br>involved<br>crashes | Total<br>drivers<br>tested in<br>all crashes | Total drivers<br>coded<br>drinking,<br>tested | BAC Result Range for Drivers Coded Drinking |               |                                     |                                     |                                  |                        |
|---------------------------------|-----------------------------------------------------|----------------------------------------------|-----------------------------------------------|---------------------------------------------|---------------|-------------------------------------|-------------------------------------|----------------------------------|------------------------|
|                                 |                                                     |                                              |                                               | Total<br>drivers<br>coded<br>drinking       | BAC<br>= 0.00 | BAC<br>0.01 g/dL<br>to<br>0.07 g/dL | BAC<br>0.08 g/dL<br>to<br>0.16 g/dL | BAC<br>0.17 g/dL<br>and<br>above | BAC<br>not<br>reported |
| Albion                          | 7                                                   | 5                                            | 5                                             | 6                                           | 0             | 0                                   | 1                                   | 0                                | 5                      |
| Albion Twp.                     | 1                                                   | 1                                            | 1                                             | 1                                           | 0             | 0                                   | 0                                   | 0                                | 1                      |
| Athens                          | 1                                                   | 1                                            | 1                                             | 1                                           | 0             | 0                                   | 0                                   | 0                                | 1                      |
| Athens Twp.                     | 0                                                   | 0                                            | 0                                             | 0                                           | 0             | 0                                   | 0                                   | 0                                | 0                      |
| Battle Creek                    | 111                                                 | 74                                           | 58                                            | 75                                          | 0             | 3                                   | 14                                  | 12                               | 46                     |
| Bedford Twp.                    | 8                                                   | 11                                           | 8                                             | 8                                           | 0             | 0                                   | 3                                   | 3                                | 2                      |
| Burlington                      | 0                                                   | 0                                            | 0                                             | 0                                           | 0             | 0                                   | 0                                   | 0                                | 0                      |
| Burlington Twp.                 | 2                                                   | 1                                            | 1                                             | 1                                           | 0             | 0                                   | 0                                   | 1                                | 0                      |
| Clarence Twp.                   | 4                                                   | 5                                            | 4                                             | 4                                           | 0             | 0                                   | 1                                   | 2                                | 1                      |
| Clarendon Twp.                  | 0                                                   | 0                                            | 0                                             | 0                                           | 0             | 0                                   | 0                                   | 0                                | 0                      |
| Convis Twp.                     | 0                                                   | 1                                            | 0                                             | 0                                           | 0             | 0                                   | 0                                   | 0                                | 0                      |
| Eckford Twp.                    | 5                                                   | 5                                            | 5                                             | 5                                           | 0             | 0                                   | 2                                   | 1                                | 2                      |
| Emmet Twp.                      | 32                                                  | 34                                           | 23                                            | 25                                          | 0             | 5                                   | 5                                   | 8                                | 7                      |
| Fredonia Twp.                   | 3                                                   | 3                                            | 2                                             | 3                                           | 0             | 0                                   | 2                                   | 0                                | 1                      |
| Homer                           | 0                                                   | 0                                            | 0                                             | 0                                           | 0             | 0                                   | 0                                   | 0                                | 0                      |
| Homer Twp.                      | 3                                                   | 2                                            | 2                                             | 3                                           | 0             | 0                                   | 1                                   | 1                                | 1                      |
| Lee Twp                         | 0                                                   | 0                                            | 0                                             | 0                                           | 0             | 0                                   | 0                                   | 0                                | 0                      |
| Leroy Twp.                      | 5                                                   | 6                                            | 4                                             | 4                                           | 0             | 0                                   | 3                                   | 1                                | 0                      |
| Marengo Twp.                    | 3                                                   | 3                                            | 3                                             | 3                                           | 0             | 0                                   | 2                                   | 1                                | 0                      |
| Marshall                        | 18                                                  | 19                                           | 13                                            | 15                                          | 0             | 3                                   | 3                                   | 5                                | 4                      |
| Marshall Twp.                   | 12                                                  | 10                                           | 8                                             | 10                                          | 0             | 0                                   | 2                                   | 4                                | 4                      |
| Newton Twp.                     | 3                                                   | 4                                            | 3                                             | 3                                           | 0             | 1                                   | 1                                   | 1                                | 0                      |
| Pennfield Twp.                  | 5                                                   | 5                                            | 4                                             | 4                                           | 0             | 0                                   | 3                                   | 0                                | 1                      |
| Sheridan Twp.                   | 7                                                   | 5                                            | 5                                             | 7                                           | 0             | 1                                   | 0                                   | 2                                | 4                      |
| Springfield                     | 12                                                  | 9                                            | 6                                             | 7                                           | 1             | 1                                   | 2                                   | 1                                | 2                      |
| Tekonsha                        | 0                                                   | 1                                            | 0                                             | 0                                           | 0             | 0                                   | 0                                   | 0                                | 0                      |
| Tekonsha Twp.                   | 4                                                   | 3                                            | 2                                             | 3                                           | 0             | 0                                   | 0                                   | 1                                | 2                      |
| Union City                      | 0                                                   | 0                                            | 0                                             | 0                                           | 0             | 0                                   | 0                                   | 0                                | 0                      |
| Unknown Community               | 0                                                   | 0                                            | 0                                             | 0                                           | 0             | 0                                   | 0                                   | 0                                | 0                      |
| <b>Calhoun County<br/>TOTAL</b> | <b>246</b>                                          | <b>208</b>                                   | <b>158</b>                                    | <b>188</b>                                  | <b>1</b>      | <b>14</b>                           | <b>45</b>                           | <b>44</b>                        | <b>84</b>              |

**Restraint Use among Reported Vehicle Drivers and Injured Passengers by Vehicle Type**

| Vehicle Type                                      | Total Reported Occupants |                 |             | Fatalities |                 |             | Incapacitating |                 |             | Non-incapacitating |                 |             | Possible Injury |                 |             | No Injury    |                 |             |
|---------------------------------------------------|--------------------------|-----------------|-------------|------------|-----------------|-------------|----------------|-----------------|-------------|--------------------|-----------------|-------------|-----------------|-----------------|-------------|--------------|-----------------|-------------|
|                                                   | Total                    | Using Restraint | %           | Total      | Using Restraint | %           | Total          | Using Restraint | %           | Total              | Using Restraint | %           | Total           | Using Restraint | %           | Total        | Using Restraint | %           |
| Passenger car & station wagon                     | 4,860                    | 4,309           | 88.7        | 10         | 4               | 40.0        | 44             | 34              | 77.3        | 156                | 131             | 84.0        | 434             | 412             | 94.9        | 3,945        | 3,720           | 94.3        |
| Van, motorhome                                    | 384                      | 347             | 90.4        | 0          | 0               | 0.0         | 1              | 0               | 0.0         | 10                 | 5               | 50.0        | 41              | 39              | 95.1        | 317          | 303             | 95.6        |
| Pickup truck                                      | 871                      | 761             | 87.4        | 1          | 0               | 0.0         | 9              | 7               | 77.8        | 19                 | 15              | 78.9        | 70              | 60              | 85.7        | 732          | 679             | 92.8        |
| Small truck under 10,000 lbs. GVWR                | 258                      | 213             | 82.6        | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 8                  | 7               | 87.5        | 27              | 24              | 88.9        | 204          | 182             | 89.2        |
| Cycle                                             | 62                       | 33              | 53.2        | 0          | 0               | 0.0         | 7              | 1               | 14.3        | 23                 | 12              | 52.2        | 11              | 8               | 72.7        | 20           | 12              | 60.0        |
| Moped                                             | 23                       | 6               | 26.1        | 0          | 0               | 0.0         | 1              | 0               | 0.0         | 9                  | 2               | 22.2        | 8               | 4               | 50.0        | 4            | 0               | 0.0         |
| Go Cart                                           | 1                        | 1               | 100.0       | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 0                  | 0               | 0.0         | 0               | 0               | 0.0         | 1            | 1               | 100.0       |
| Snowmobile                                        | 0                        | 0               | 0.0         | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 0                  | 0               | 0.0         | 0               | 0               | 0.0         | 0            | 0               | 0.0         |
| Off-Road Vehicle (ORV) /All-Terrain Vehicle (ATV) | 2                        | 0               | 0.0         | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 1                  | 0               | 0.0         | 0               | 0               | 0.0         | 0            | 0               | 0.0         |
| Other                                             | 24                       | 12              | 50.0        | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 3                  | 1               | 33.3        | 0               | 0               | 0.0         | 17           | 11              | 64.7        |
| Truck/bus over 10,000 lbs.                        | 198                      | 174             | 87.9        | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 3                  | 3               | 100.0       | 10              | 6               | 60.0        | 174          | 165             | 94.8        |
| Uncoded & errors                                  | 107                      | 1               | 0.9         | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 1                  | 0               | 0.0         | 0               | 0               | 0.0         | 3            | 1               | 33.3        |
| <b>TOTAL</b>                                      | <b>6,790</b>             | <b>5,857</b>    | <b>86.3</b> | <b>11</b>  | <b>4</b>        | <b>36.4</b> | <b>62</b>      | <b>42</b>       | <b>67.7</b> | <b>233</b>         | <b>176</b>      | <b>75.5</b> | <b>601</b>      | <b>553</b>      | <b>92.0</b> | <b>5,417</b> | <b>5,074</b>    | <b>93.7</b> |

**Restraint Use among Reported Vehicle Drivers and Injured Passengers by Age**

| Age Group     | Total Reported Occupants |                 |             | Fatalities |                 |             | Incapacitating |                 |             | Non-incapacitating |                 |             | Possible Injury |                 |             | No Injury    |                 |             |
|---------------|--------------------------|-----------------|-------------|------------|-----------------|-------------|----------------|-----------------|-------------|--------------------|-----------------|-------------|-----------------|-----------------|-------------|--------------|-----------------|-------------|
|               | Total                    | Using Restraint | %           | Total      | Using Restraint | %           | Total          | Using Restraint | %           | Total              | Using Restraint | %           | Total           | Using Restraint | %           | Total        | Using Restraint | %           |
| 0 - 15        | 76                       | 65              | 85.5        | 1          | 0               | 0.0         | 0              | 0               | 0.0         | 25                 | 19              | 76.0        | 44              | 41              | 93.2        | 6            | 5               | 83.3        |
| 16 - 20       | 779                      | 723             | 92.8        | 3          | 1               | 33.3        | 4              | 2               | 50.0        | 37                 | 27              | 73.0        | 73              | 64              | 87.7        | 659          | 626             | 95.0        |
| 21 - 64       | 4,746                    | 4,422           | 93.2        | 6          | 2               | 33.3        | 53             | 38              | 71.7        | 145                | 107             | 73.8        | 422             | 390             | 92.4        | 4,102        | 3,882           | 94.6        |
| 65 +          | 688                      | 641             | 93.2        | 1          | 1               | 100.0       | 5              | 2               | 40.0        | 26                 | 23              | 88.5        | 57              | 54              | 94.7        | 598          | 560             | 93.6        |
| Other/Unknown | 501                      | 6               | 1.2         | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 0                  | 0               | 0.0         | 5               | 4               | 80.0        | 52           | 1               | 1.9         |
| <b>TOTAL</b>  | <b>6,790</b>             | <b>5,857</b>    | <b>86.3</b> | <b>11</b>  | <b>4</b>        | <b>36.4</b> | <b>62</b>      | <b>42</b>       | <b>67.7</b> | <b>233</b>         | <b>176</b>      | <b>75.5</b> | <b>601</b>      | <b>553</b>      | <b>92.0</b> | <b>5,417</b> | <b>5,074</b>    | <b>93.7</b> |

## Restraint Use Among Reported Vehicle Drivers and Injured Passengers by Municipality

| Municipality                | Total Occupants |                 |             | Fatalities |                 |             | Incapacitating |                 |             | Non-incapacitating |                 |             | Possible Injury |                 |             | Not Injured  |                 |             |
|-----------------------------|-----------------|-----------------|-------------|------------|-----------------|-------------|----------------|-----------------|-------------|--------------------|-----------------|-------------|-----------------|-----------------|-------------|--------------|-----------------|-------------|
|                             | Total           | Using Restraint | %           | Total      | Using Restraint | %           | Total          | Using Restraint | %           | Total              | Using Restraint | %           | Total           | Using Restraint | %           | Total        | Using Restraint | %           |
| Albion                      | 184             | 131             | 71.2        | 0          | 0               | 0.0         | 1              | 0               | 0.0         | 5                  | 4               | 80.0        | 14              | 14              | 100.0       | 136          | 113             | 83.1        |
| Albion Twp.                 | 61              | 57              | 93.4        | 0          | 0               | 0.0         | 2              | 2               | 100.0       | 5                  | 3               | 60.0        | 3               | 2               | 66.7        | 51           | 50              | 98.0        |
| Athens                      | 19              | 18              | 94.7        | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 1                  | 1               | 100.0       | 1               | 1               | 100.0       | 17           | 16              | 94.1        |
| Athens Twp.                 | 65              | 62              | 95.4        | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 2                  | 0               | 0.0         | 4               | 4               | 100.0       | 58           | 58              | 100.0       |
| Battle Creek                | 3,247           | 2,751           | 84.7        | 6          | 1               | 16.7        | 30             | 20              | 66.7        | 94                 | 68              | 72.3        | 345             | 318             | 92.2        | 2,467        | 2,338           | 94.8        |
| Bedford Twp.                | 192             | 160             | 83.3        | 0          | 0               | 0.0         | 4              | 2               | 50.0        | 5                  | 4               | 80.0        | 15              | 11              | 73.3        | 152          | 142             | 93.4        |
| Burlington                  | 17              | 14              | 82.4        | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 0                  | 0               | 0.0         | 2               | 1               | 50.0        | 13           | 13              | 100.0       |
| Burlington Twp.             | 60              | 57              | 95.0        | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 3                  | 3               | 100.0       | 5               | 5               | 100.0       | 51           | 49              | 96.1        |
| Clarence Twp.               | 37              | 32              | 86.5        | 1          | 0               | 0.0         | 0              | 0               | 0.0         | 2                  | 1               | 50.0        | 2               | 2               | 100.0       | 31           | 29              | 93.5        |
| Clarendon Twp.              | 37              | 37              | 100.0       | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 1                  | 1               | 100.0       | 3               | 3               | 100.0       | 33           | 33              | 100.0       |
| Convis Twp.                 | 90              | 87              | 96.7        | 1          | 1               | 100.0       | 0              | 0               | 0.0         | 2                  | 2               | 100.0       | 7               | 7               | 100.0       | 77           | 77              | 100.0       |
| Eckford Twp.                | 56              | 51              | 91.1        | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 2                  | 1               | 50.0        | 1               | 1               | 100.0       | 52           | 49              | 94.2        |
| Emmet Twp.                  | 719             | 648             | 90.1        | 1          | 1               | 100.0       | 4              | 4               | 100.0       | 27                 | 22              | 81.5        | 77              | 73              | 94.8        | 577          | 548             | 95.0        |
| Fredonia Twp.               | 93              | 90              | 96.8        | 0          | 0               | 0.0         | 1              | 1               | 100.0       | 6                  | 4               | 66.7        | 5               | 5               | 100.0       | 80           | 80              | 100.0       |
| Homer                       | 18              | 16              | 88.9        | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 1                  | 1               | 100.0       | 4               | 4               | 100.0       | 12           | 11              | 91.7        |
| Homer Twp.                  | 54              | 51              | 94.4        | 0          | 0               | 0.0         | 1              | 1               | 100.0       | 2                  | 2               | 100.0       | 3               | 3               | 100.0       | 46           | 45              | 97.8        |
| Lee Twp                     | 62              | 54              | 87.1        | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 1                  | 0               | 0.0         | 0               | 0               | 0.0         | 57           | 54              | 94.7        |
| Leroy Twp.                  | 132             | 128             | 97.0        | 1          | 0               | 0.0         | 4              | 3               | 75.0        | 4                  | 4               | 100.0       | 12              | 11              | 91.7        | 111          | 110             | 99.1        |
| Marengo Twp.                | 182             | 175             | 96.2        | 0          | 0               | 0.0         | 2              | 1               | 50.0        | 3                  | 3               | 100.0       | 12              | 12              | 100.0       | 160          | 159             | 99.4        |
| Marshall                    | 290             | 146             | 50.3        | 0          | 0               | 0.0         | 1              | 0               | 0.0         | 13                 | 7               | 53.8        | 15              | 12              | 80.0        | 237          | 127             | 53.6        |
| Marshall Twp.               | 291             | 274             | 94.2        | 1          | 1               | 100.0       | 1              | 1               | 100.0       | 20                 | 15              | 75.0        | 14              | 13              | 92.9        | 248          | 244             | 98.4        |
| Newton Twp.                 | 111             | 104             | 93.7        | 0          | 0               | 0.0         | 2              | 2               | 100.0       | 8                  | 7               | 87.5        | 6               | 6               | 100.0       | 92           | 89              | 96.7        |
| Pennfield Twp.              | 230             | 216             | 93.9        | 0          | 0               | 0.0         | 1              | 0               | 0.0         | 8                  | 7               | 87.5        | 12              | 12              | 100.0       | 202          | 196             | 97.0        |
| Sheridan Twp.               | 143             | 133             | 93.0        | 0          | 0               | 0.0         | 3              | 1               | 33.3        | 4                  | 3               | 75.0        | 6               | 4               | 66.7        | 128          | 125             | 97.7        |
| Springfield                 | 266             | 233             | 87.6        | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 9                  | 8               | 88.9        | 23              | 19              | 82.6        | 215          | 206             | 95.8        |
| Tekonsha                    | 19              | 17              | 89.5        | 0          | 0               | 0.0         | 1              | 0               | 0.0         | 0                  | 0               | 0.0         | 1               | 1               | 100.0       | 17           | 16              | 94.1        |
| Tekonsha Twp.               | 115             | 115             | 100.0       | 0          | 0               | 0.0         | 4              | 4               | 100.0       | 5                  | 5               | 100.0       | 9               | 9               | 100.0       | 97           | 97              | 100.0       |
| Union City                  | 0               | 0               | 0.0         | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 0                  | 0               | 0.0         | 0               | 0               | 0.0         | 0            | 0               | 0.0         |
| Unknown Community           | 0               | 0               | 0.0         | 0          | 0               | 0.0         | 0              | 0               | 0.0         | 0                  | 0               | 0.0         | 0               | 0               | 0.0         | 0            | 0               | 0.0         |
| <b>Calhoun County TOTAL</b> | <b>6,790</b>    | <b>5,857</b>    | <b>86.3</b> | <b>11</b>  | <b>4</b>        | <b>36.4</b> | <b>62</b>      | <b>42</b>       | <b>67.7</b> | <b>233</b>         | <b>176</b>      | <b>75.5</b> | <b>601</b>      | <b>553</b>      | <b>92.0</b> | <b>5,417</b> | <b>5,074</b>    | <b>93.7</b> |

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