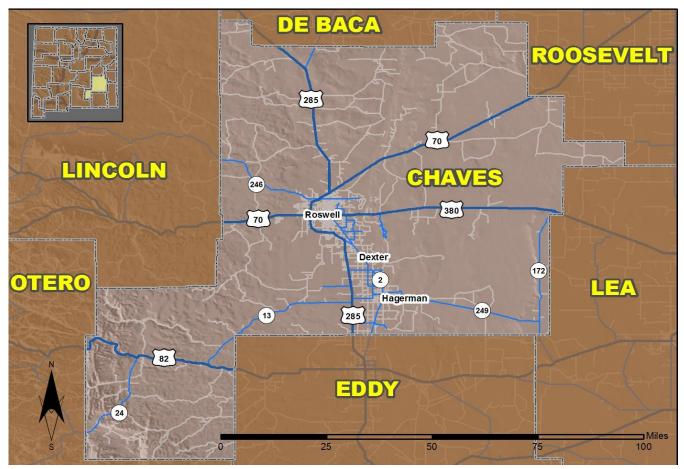




# 2017 Community Report Chaves County



Produced for the New Mexico Department of Transportation, Traffic Safety Division, Traffic Records Bureau, Under Contract 6093 by the University of New Mexico, Geospatial and Population Studies, Traffic Research Unit

Distributed in compliance with New Mexico Statute 66-7-214 as a reference source regarding New Mexico traffic crashes

For the purposes of this report, data are compiled by the University of New Mexico, Geospatial and Population Studies, Traffic Research Unit (TRU), on behalf of the New Mexico Department of Transportation (NMDOT). Data in this report may differ from that in other data sources, such as the Federal Fatality Analysis Reporting System (FARS), due to the timing of publications and rules for how data are compiled and maintained in Federal vs. State databases. If you have questions regarding this report, please contact the Traffic Safety Division at 505-827-0427.

http://tru.unm.edu/Crash-Reports/Community-Reports/





#### Definitions

**Aggravated DWI** – A driver arrested for 1) driving with a BAC of 0.16 or higher, 2) driving under the influence of alcohol or drugs and causing bodily injury to a human being as a result, or 3) driving under the influence of alcohol or drugs and refusing to submit to a BAC test at the time of arrest for DWI.

**Alcohol-involved Crash** – A crash for which the Uniform Crash Report indicated that 1) a DWI citation was issued, 2) alcohol was a contributing factor, or 3) a person in control of a vehicle (including a pedestrian or pedalcyclist) was suspected of being under the influence of alcohol.

**Alcohol-involved Driver** – A person in control of a vehicle who was cited for DWI or indicated on the Uniform Crash Report as being either suspected or determined by testing to be under the influence of alcohol. There can be multiple alcohol-involved drivers in a single alcohol-involved crash.

**Crash** – A reported incident on a public roadway involving one or more motor vehicles that resulted in death, personal injury, or at least \$500 in property damage. Crashes on private property (such as a parking lot) are not included.

**DWI Arrest (Citation)** – In this report, a DWI arrest (a.k.a. a DWI citation) is a driver arrested for either DWI or aggravated DWI. New Mexico's legal limit for presumption of driving while intoxicated (DWI) is 0.08 for non-commercial drivers older than 21 years of age, 0.04 for commercial vehicle drivers, and 0.02 for drivers younger than 21 years of age.

**DWI Conviction** – A driver convicted of driving under the intoxicating influence of alcohol, narcotics, or pathogenic drugs, including aggravated DWI.

Fatal Crash – A crash in which at least one person was killed. More than one person can be killed in a single fatal crash. Fatalities – The number of people killed in a crash. The terms "killed" and "deaths" are synonymous with "fatalities." A fatality is crash-related if it occurs at the time of the crash or if the person(s) involved in the crash dies within 30 days. Injury Crash – A reported crash in which at least one person was injured. Injury crashes involve at least one suspected serious injury (Class A), suspected minor injury (Class B), or possible injury (Class C). Fatal crashes are not included. Missing Data – An indication that the applicable field on the UCR form was left blank or contained an invalid code. Starting with crashes that occurred in 2012, improvements in the identification of missing data in the NMDOT crash database led to an increase in the reported amount of missing data.

**Pedalcyclist** – A person riding a mechanism of transport that is powered solely by pedals (a.k.a. bicyclist). **Pedestrian** – A person on foot, walking, running, jogging, hiking, sitting or lying down who is involved in a motor vehicle traffic crash.

#### Sources

Crash Data – New Mexico Department of Transportation, Traffic Safety Division, Traffic Records Bureau, Traffic Crash Database, as of the report date below. Crash data are compiled using NMDOT Uniform Crash Reports (UCR), submitted by law enforcement agencies in the state, for any incident on a public roadway involving one or more motor vehicles that resulted in death, injury, or at least \$500 in property damage. These reports are processed by the NMDOT Traffic Records Bureau and analyzed by the University of New Mexico, Geospatial and Population Studies, Traffic Research Unit (TRU).

DWI Citation Tracking System (CTS) – New Mexico Taxation and Revenue Department (NM TRD), Motor Vehicle Division (MVD), DWI Citation Tracking System (CTS), as of February 2019. Repeat offenders are identified by the combination of account key, arrest date, and citation number. County data are based upon the county where the arrest took place. City data are based upon the city where the offender resides.

Urban Areas – New Mexico Department of Transportation, Asset Management and Planning, 2010 U.S. Census Urbanized Area Boundaries, NMDOT-Adjusted, and U.S. Census Urban Clusters, August 21, 2013. In crashes before 2013, "urban" was defined as a town or city with a population of at least 2,500 people.

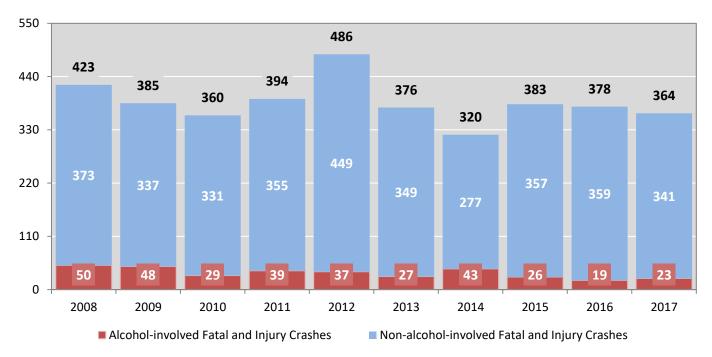




|      |       | Total C | Crashes                    |       |       | Alcohol-invo | lved Crashes               |       |
|------|-------|---------|----------------------------|-------|-------|--------------|----------------------------|-------|
| Year | Fatal | Injury  | Property<br>Damage<br>Only | Total | Fatal | Injury       | Property<br>Damage<br>Only | Total |
| 2008 | 9     | 414     | 1,224                      | 1,647 | 3     | 47           | 59                         | 109   |
| 2009 | 13    | 372     | 1,109                      | 1,494 | 4     | 44           | 36                         | 84    |
| 2010 | 15    | 345     | 1,053                      | 1,413 | 2     | 27           | 39                         | 68    |
| 2011 | 13    | 381     | 948                        | 1,342 | 5     | 34           | 37                         | 76    |
| 2012 | 6     | 480     | 1,351                      | 1,837 | 3     | 34           | 56                         | 93    |
| 2013 | 10    | 366     | 995                        | 1,371 | 5     | 22           | 22                         | 49    |
| 2014 | 7     | 313     | 894                        | 1,214 | 4     | 39           | 20                         | 63    |
| 2015 | 13    | 370     | 1,000                      | 1,383 | 3     | 23           | 30                         | 56    |
| 2016 | 13    | 365     | 996                        | 1,374 | 4     | 15           | 22                         | 41    |
| 2017 | 6     | 358     | 947                        | 1,311 | 2     | 21           | 24                         | 47    |

### Table 1: Total Crashes and Alcohol-involved Crashes by<br/>Crash Severity in Chaves County, 2008-2017

#### Figure 1: Alcohol-involved Fatal and Injury Crashes Compared with Non-alcohol-involved Fatal and Injury Crashes in Chaves County, 2008-2017







| Month         |       |       | Crashes |       |       | 5-Year  |
|---------------|-------|-------|---------|-------|-------|---------|
| wonth         | 2013  | 2014  | 2015    | 2016  | 2017  | Average |
| January       | 108   | 91    | 138     | 144   | 104   | 117     |
| February      | 102   | 96    | 116     | 126   | 100   | 108     |
| March         | 109   | 92    | 107     | 108   | 110   | 105     |
| April         | 118   | 39    | 122     | 106   | 107   | 98      |
| May           | 106   | 102   | 103     | 103   | 137   | 110     |
| June          | 114   | 105   | 112     | 97    | 118   | 109     |
| July          | 116   | 103   | 120     | 119   | 109   | 113     |
| August        | 123   | 88    | 116     | 122   | 84    | 107     |
| September     | 99    | 117   | 103     | 131   | 118   | 114     |
| October       | 126   | 126   | 127     | 109   | 110   | 120     |
| November      | 123   | 108   | 107     | 84    | 104   | 105     |
| December      | 127   | 147   | 112     | 125   | 110   | 124     |
| Total Crashes | 1,371 | 1,214 | 1,383   | 1,374 | 1,311 | 1,331   |

### Table 2: Crashes by Month in Chaves County, 2013-2017

#### Table 3: Alcohol-involved Crashes by Month in Chaves County, 2013-2017

| Month         |      | Alcoho | ol-involved C | rashes |      | 5-Year  |
|---------------|------|--------|---------------|--------|------|---------|
| wonth         | 2013 | 2014   | 2015          | 2016   | 2017 | Average |
| January       | 4    | 4      | 5             | 3      | 2    | 4       |
| February      | 6    | 5      | 2             | 1      | 1    | 3       |
| March         | 2    | 6      | 4             | 3      | 6    | 4       |
| April         | 6    | 1      | 5             | 2      | 2    | 3       |
| May           | 3    | 6      | 4             | 6      | 6    | 5       |
| June          | 8    | 6      | 5             | 3      | 12   | 7       |
| July          | 5    | 6      | 5             | 5      | 3    | 5       |
| August        | 1    | 7      | 6             | 4      | 2    | 4       |
| September     | 5    | 6      | 6             | 7      | 5    | 6       |
| October       | 4    | 4      | 6             | 1      | 2    | 3       |
| November      | 2    | 3      | 3             | 3      | 5    | 3       |
| December      | 3    | 9      | 5             | 3      | 1    | 4       |
| Total Crashes | 49   | 63     | 56            | 41     | 47   | 51      |





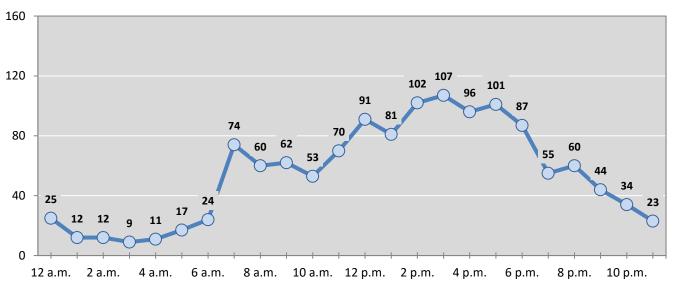
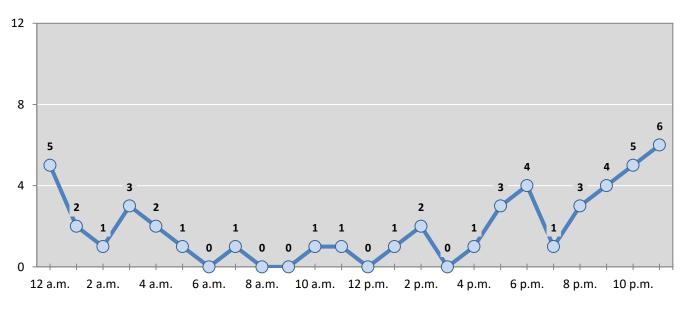


Figure 2: Crashes by Hour in Chaves County, 2017

\* In 2017, Chaves County had 1 crashes for which hour data were missing.

Figure 3: Alcohol-involved Crashes by Hour in Chaves County, 2017



<sup>\*</sup> In 2017, Chaves County had 0 alcohol-involved crashes for which hour data were missing.





#### Table 4: Alcohol-involved Crashes by Day of Week in Chaves County, 2013-2017

| Day of Week   |      | 5-Year |      |      |      |         |  |
|---------------|------|--------|------|------|------|---------|--|
| Day Of Week   | 2013 | 2014   | 2015 | 2016 | 2017 | Average |  |
| Sunday        | 12   | 18     | 7    | 7    | 8    | 10      |  |
| Monday        | 5    | 9      | 7    | 5    | 8    | 7       |  |
| Tuesday       | 5    | 4      | 8    | 4    | 4    | 5       |  |
| Wednesday     | 6    | 8      | 3    | 5    | 6    | 6       |  |
| Thursday      | 7    | 6      | 6    | 7    | 5    | 6       |  |
| Friday        | 4    | 7      | 8    | 4    | 9    | 6       |  |
| Saturday      | 10   | 11     | 17   | 9    | 7    | 11      |  |
| Total Crashes | 49   | 63     | 56   | 41   | 47   | 51      |  |

#### Table 5: Fatal and Injury Crashes by Day of Week in Chaves County, 2013-2017

| Day of Week   |      | 5-Year |      |      |      |         |
|---------------|------|--------|------|------|------|---------|
| Day of Week   | 2013 | 2014   | 2015 | 2016 | 2017 | Average |
| Sunday        | 47   | 33     | 43   | 33   | 39   | 39      |
| Monday        | 54   | 45     | 45   | 50   | 57   | 50      |
| Tuesday       | 53   | 55     | 56   | 42   | 52   | 52      |
| Wednesday     | 49   | 44     | 46   | 69   | 76   | 57      |
| Thursday      | 57   | 50     | 66   | 56   | 43   | 54      |
| Friday        | 68   | 57     | 77   | 67   | 62   | 66      |
| Saturday      | 48   | 36     | 50   | 61   | 35   | 46      |
| Total Crashes | 376  | 320    | 383  | 378  | 364  | 364     |

#### Table 6: Pedestrian and Pedalcyclist Crashes by Day of Week in Chaves County, 2013-2017

| Day of Week   |      | 5-Year |      |      |      |         |
|---------------|------|--------|------|------|------|---------|
| Day of Week   | 2013 | 2014   | 2015 | 2016 | 2017 | Average |
| Sunday        | 2    | 0      | 3    | 3    | 0    | 2       |
| Monday        | 7    | 3      | 6    | 3    | 5    | 5       |
| Tuesday       | 1    | 3      | 6    | 0    | 4    | 3       |
| Wednesday     | 3    | 5      | 3    | 5    | 4    | 4       |
| Thursday      | 1    | 0      | 7    | 4    | 3    | 3       |
| Friday        | 1    | 2      | 7    | 7    | 2    | 4       |
| Saturday      | 2    | 3      | 2    | 1    | 3    | 2       |
| Total Crashes | 17   | 16     | 34   | 23   | 21   | 22      |





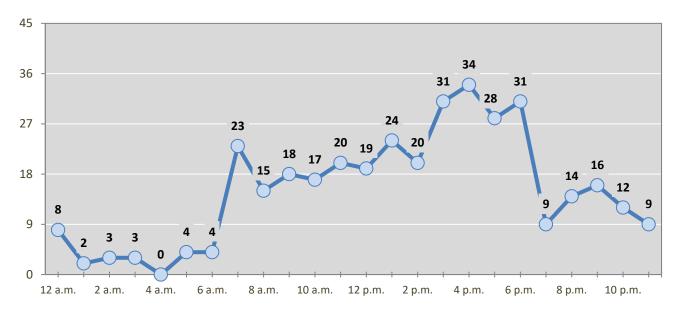


Figure 4: Fatal and Injury Crashes by Hour in Chaves County, 2017

\* In 2017, Chaves County had 0 crashes for which hour data were missing.

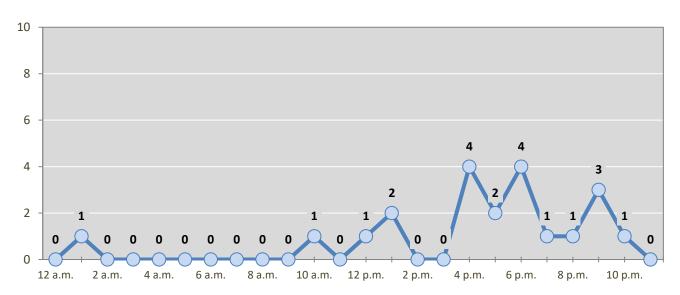


Figure 5: Pedestrian and Pedalcyclist Crashes by Hour in Chaves County, 2017

\* In 2017, Chaves County had 0 crashes for which hour data were missing.





### Table 7: Severity of Injuries to People in Crashes byRural and Urban Location in Chaves County, 2017

|   |                         | People in Cra                                 | shes by Sever                               | ity of Injuries                   |   |                 |  |
|---|-------------------------|---|---|-----------------------------------|---|-----------------|--|
| Urban and Rural Locations<br>by Alcohol-involvement | Fatalities<br>(Class K) | Suspected<br>Serious<br>Injuries<br>(Class A) | Suspected<br>Minor<br>Injuries<br>(Class B) | Possible<br>Injuries<br>(Class C) | No<br>Apparent<br>Injuries<br>(Class O) | Total<br>People |  |
| People in Alcohol-involved Crashes                  | 2                       | 5   | 13  | 9                                 | 71                                      | 100             |  |
| Urban   | 2                       | 3   | 9   | 6                                 | 56                                      | 76              |  |
| Rural Non-Interstate                                | 0                       | 2   | 4   | 3                                 | 15                                      | 24              |  |
| Rural Interstate                                    | 0                       | 0   | 0   | 0                                 | 0                                       | 0               |  |
| People in Crashes                                   | 6                       | 44  | 107   | 327                               | 2,798                                   | 3,282           |  |
| Urban   | 4                       | 26  | 79  | 285                               | 2,434                                   | 2,828           |  |
| Rural Non-Interstate                                | 2                       | 18  | 28  | 42                                | 364                                     | 454             |  |
| Rural Interstate                                    | 0                       | 0   | 0   | 0                                 | 0                                       | 0               |  |
| Percent in Alcohol-involved Crashes                 | 33%                     | 11%   | 12%   | 3%                                | 3%                                      | 3%              |  |

### Table 8: Total Crashes by Roadway System and Crash Severity in Chaves County, 2013-2017

| Crash Severity by System   |       | C    | crashes by Yea | ır    |       | 5-Year  |
|----------------------------|-------|------|----------------|-------|-------|---------|
| clash sevency by system    | 2013  | 2014 | 2015           | 2016  | 2017  | Average |
| Total Rural Interstate     | 0     | 0    | 0              | 0     | 0     | 0       |
| Fatal Crash                | 0     | 0    | 0              | 0     | 0     | 0       |
| Injury Crash               | 0     | 0    | 0              | 0     | 0     | 0       |
| Property Damage Only Crash | 0     | 0    | 0              | 0     | 0     | 0       |
| Total Rural Non-Interstate | 230   | 284  | 295            | 239   | 243   | 259     |
| Fatal Crash                | 6     | 7    | 9              | 11    | 2     | 7       |
| Injury Crash               | 83    | 90   | 92             | 57    | 61    | 77      |
| Property Damage Only Crash | 141   | 187  | 194            | 171   | 180   | 175     |
| Total Urban                | 1,141 | 930  | 1,088          | 1,135 | 1,068 | 1,073   |
| Fatal Crash                | 4     | 0    | 4              | 2     | 4     | 3       |
| Injury Crash               | 283   | 223  | 278            | 308   | 297   | 278     |
| Property Damage Only Crash | 854   | 707  | 806            | 825   | 767   | 792     |





### Table 9: Total Crashes by Crash Classification in Chaves County, 2013-2017

|                       |       | Tota  | l Crashes by | Year  |       | 5-Year  |
|-----------------------|-------|-------|--------------|-------|-------|---------|
| Crash Classification  | 2013  | 2014  | 2015         | 2016  | 2017  | Average |
| Animal                | 34    | 52    | 67           | 58    | 65    | 55      |
| Fixed Object          | 131   | 146   | 159          | 155   | 145   | 147     |
| Other (Non-Collision) | 12    | 16    | 21           | 28    | 30    | 21      |
| Other (Object)        | 19    | 20    | 22           | 19    | 11    | 18      |
| Other Vehicle         | 843   | 676   | 808          | 820   | 830   | 795     |
| Overturn/Rollover     | 87    | 89    | 22           | 40    | 34    | 54      |
| Parked Vehicle        | 178   | 147   | 142          | 159   | 141   | 153     |
| Pedalcyclist          | 5     | 7     | 16           | 13    | 15    | 11      |
| Pedestrian            | 12    | 10    | 19           | 10    | 6     | 11      |
| Railroad Train        | 3     | 1     | 2            | 2     | 1     | 2       |
| Rollover              | 0     | 0     | 57           | 26    | 26    | 22      |
| Vehicle on Other Road | 14    | 12    | 15           | 24    | 7     | 14      |
| Missing Data          | 33    | 38    | 33           | 20    | 0     | 25      |
| Total Crashes         | 1,371 | 1,214 | 1,383        | 1,374 | 1,311 | 1,331   |

#### Table 10: Vehicles in Crashes by Vehicle Type in Chaves County, 2013-2017

| 1                         |       | Vehicles in | Crashes by V | ehicle Type |       | 5-Year  |
|---------------------------|-------|-------------|--------------|-------------|-------|---------|
| Vehicle Type <sup>1</sup> | 2013  | 2014        | 2015         | 2016        | 2017  | Average |
| Bus                       | 6     | 7           | 2            | 4           | 6     | 5       |
| Motorcycle                | 25    | 21          | 23           | 32          | 40    | 28      |
| Passenger                 | 1,261 | 1,084       | 1,336        | 1,443       | 1,226 | 1,270   |
| Pedalcyclist              | 5     | 7           | 15           | 13          | 15    | 11      |
| Pedestrian                | 12    | 10          | 20           | 10          | 6     | 12      |
| Pickup                    | 573   | 529         | 535          | 473         | 535   | 529     |
| Semi                      | 67    | 51          | 66           | 68          | 56    | 62      |
| Van/SUV/4WD               | 348   | 295         | 271          | 312         | 419   | 329     |
| Other Vehicle             | 26    | 15          | 61           | 17          | 3     | 24      |
| Missing Data              | 179   | 199         | 142          | 127         | 85    | 146     |
| Total Vehicles            | 2,502 | 2,218       | 2,471        | 2,499       | 2,391 | 2,416   |

<sup>1</sup> Pedestrians and pedalcyclists are counted as non-motorized vehicles, when involved in a crash with a motor vehicle. See Page 17 for data on drivers of non-motorized vehicles in crashes (i.e. pedestrians and pedalcyclists).





### Table 11: Motor Vehicle Drivers in Crashes by Vehicle Typeand Age Group in Chaves County, 2017

|               |     | Mot             | or Vehicle <sup>1</sup> | Drivers by \ | /ehicle Type | e and Age G       | roup             |                 |                  |
|---------------|-----|-----------------|-------------------------|--------------|--------------|-------------------|------------------|-----------------|------------------|
| Age Groups    | Bus | Motor-<br>cycle | Passenger               | Pickup       | Semi         | Van<br>4WD<br>SUV | Other<br>Vehicle | Missing<br>Data | Total<br>Drivers |
| 15-19         | 0   | 2               | 181                     | 52           | 0            | 25                | 0                | 0               | 260              |
| 20-24         | 0   | 3               | 186                     | 50           | 6            | 37                | 0                | 1               | 283              |
| 25-29         | 0   | 6               | 127                     | 50           | 2            | 35                | 0                | 0               | 220              |
| 30-34         | 0   | 5               | 104                     | 41           | 9            | 55                | 0                | 1               | 215              |
| 35-39         | 0   | 3               | 73                      | 36           | 5            | 28                | 0                | 0               | 145              |
| 40-44         | 1   | 2               | 79                      | 41           | 3            | 29                | 0                | 0               | 155              |
| 45-49         | 0   | 1               | 48                      | 31           | 7            | 24                | 0                | 0               | 111              |
| 50-54         | 0   | 3               | 61                      | 44           | 2            | 27                | 0                | 0               | 137              |
| 55-59         | 1   | 6               | 51                      | 35           | 9            | 22                | 0                | 2               | 126              |
| 60-64         | 1   | 3               | 39                      | 27           | 2            | 29                | 0                | 0               | 101              |
| 65-69         | 1   | 1               | 45                      | 26           | 4            | 25                | 0                | 1               | 103              |
| 70 +          | 1   | 2               | 97                      | 32           | 2            | 49                | 0                | 0               | 183              |
| Missing Data  | 1   | 3               | 135                     | 70           | 5            | 34                | 3                | 80              | 331              |
| Total Drivers | 6   | 40              | 1,226                   | 535          | 56           | 419               | 3                | 85              | 2,370            |

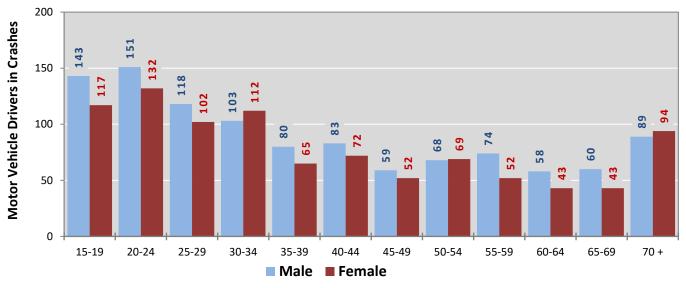
### Table 12: Alcohol-involved Motor Vehicle Drivers in Crashes by Vehicle Typeand Age Group in Chaves County, 2017

|               | A   | lcohol-invo     | lved Motor | Vehicle <sup>1</sup> Dr | ivers by Veh | nicle Type ar     | nd Age Grou      | р               |                  |
|---------------|-----|-----------------|------------|-------------------------|--------------|-------------------|------------------|-----------------|------------------|
| Age Groups    | Bus | Motor-<br>cycle | Passenger  | Pickup                  | Semi         | Van<br>4WD<br>SUV | Other<br>Vehicle | Missing<br>Data | Total<br>Drivers |
| 15-19         | 0   | 0               | 1          | 0                       | 0            | 1                 | 0                | 0               | 2                |
| 20-24         | 0   | 0               | 5          | 5                       | 0            | 0                 | 0                | 0               | 10               |
| 25-29         | 0   | 1               | 1          | 3                       | 0            | 0                 | 0                | 0               | 5                |
| 30-34         | 0   | 2               | 4          | 0                       | 0            | 1                 | 0                | 0               | 7                |
| 35-39         | 0   | 1               | 2          | 1                       | 0            | 1                 | 0                | 0               | 5                |
| 40-44         | 0   | 0               | 1          | 0                       | 0            | 1                 | 0                | 0               | 2                |
| 45-49         | 0   | 0               | 3          | 3                       | 0            | 1                 | 0                | 0               | 7                |
| 50-54         | 0   | 0               | 2          | 0                       | 0            | 0                 | 0                | 0               | 2                |
| 55-59         | 0   | 1               | 1          | 1                       | 0            | 1                 | 0                | 0               | 4                |
| 60-64         | 0   | 0               | 0          | 1                       | 0            | 0                 | 0                | 0               | 1                |
| 65-69         | 0   | 0               | 0          | 0                       | 0            | 0                 | 0                | 0               | 0                |
| 70 +          | 0   | 0               | 0          | 0                       | 0            | 0                 | 0                | 0               | 0                |
| Missing Data  | 0   | 0               | 0          | 0                       | 0            | 0                 | 0                | 0               | 0                |
| Total Drivers | 0   | 5               | 20         | 14                      | 0            | 6                 | 0                | 0               | 45               |

<sup>1</sup>See Page 17 for data on drivers of non-motorized vehicles in crashes (i.e. pedestrians and pedalcyclists).







### Figure 6: Motor Vehicle Drivers in Crashes by Age Group and Sex in Chaves County, 2017

\* In 2017, Chaves County had 331 drivers in crashes for which age or sex data were missing.

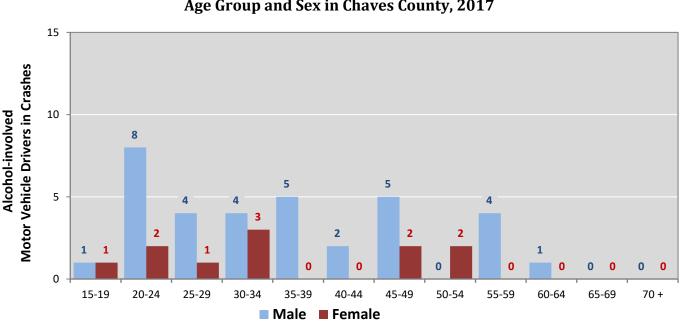


Figure 7: Alcohol-involved Motor Vehicle Drivers in Crashes by Age Group and Sex in Chaves County, 2017

\* In 2017, Chaves County had 0 drivers in crashes for which age or sex data were missing.





# Table 13: Alcohol-involved Motor Vehicle Drivers Under 21 (Ages 15-20) in Crashesin Chaves County, 2013-2017

|                      |      | 5-Year |      |      |      |       |
|----------------------|------|--------|------|------|------|-------|
| Age <sup>1</sup>     | 2013 | 2014   | 2015 | 2016 | 2017 | Total |
| 15                   | 0    | 0      | 0    | 1    | 0    | 1     |
| 16                   | 0    | 0      | 0    | 0    | 0    | 0     |
| 17                   | 1    | 2      | 2    | 0    | 0    | 5     |
| 18                   | 1    | 2      | 0    | 2    | 2    | 7     |
| 19                   | 0    | 3      | 0    | 0    | 0    | 3     |
| 20                   | 2    | 3      | 1    | 2    | 2    | 10    |
| <b>Total Drivers</b> | 4    | 10     | 3    | 5    | 4    | 26    |

Table 14: Motor Vehicle Drivers Under 21 (Ages 15-20) in Crashesby Age, Sex and Alcohol-involvement in Chaves County, 2017

| Total Drivers        |      |        |         |            | Alcohol-involved Drivers |        |         |            |
|----------------------|------|--------|---------|------------|--------------------------|--------|---------|------------|
| Age <sup>1</sup>     | Se   | x      | Total   | Percent of | Se                       | ex     | Total   | Percent of |
| -                    | Male | Female | Drivers | Total      | Male                     | Female | Drivers | Total      |
| 15                   | 4    | 7      | 11      | 3%         | 0                        | 0      | 0       | 0%         |
| 16                   | 21   | 28     | 49      | 16%        | 0                        | 0      | 0       | 0%         |
| 17                   | 37   | 17     | 54      | 17%        | 0                        | 0      | 0       | 0%         |
| 18                   | 50   | 37     | 87      | 28%        | 1                        | 1      | 2       | 50%        |
| 19                   | 31   | 28     | 59      | 19%        | 0                        | 0      | 0       | 0%         |
| 20                   | 36   | 20     | 56      | 18%        | 2                        | 0      | 2       | 50%        |
| <b>Total Drivers</b> | 179  | 137    | 316     | 100%       | 3                        | 1      | 4       | 100%       |

<sup>1</sup> For analysis of drivers under age 21, when the driver age or sex are not identified on the crash report (typically hitand-run drivers), the driver data are considered unreliable and are excluded from the analysis.





### Table 15: Frequency of Contributing Factors in Crashesby Crash Severity in Chaves County, 2017

|                                      | Frequency of Contributing Factor <sup>1</sup> by Crash Severity |                                |   |                             |  |  |  |  |
|--------------------------------------|---|--------------------------------|---|-----------------------------|--|--|--|--|
| Contributing Factors                 | Frequency in<br>Fatal Crashes                                   | Frequency in<br>Injury Crashes | Frequency in<br>Property Damage<br>Only Crashes | Frequency in<br>All Crashes |  |  |  |  |
| Human                                | 19  | 675                            | 1,399   | 2,093                       |  |  |  |  |
| Driver Inattention                   | 5   | 236                            | 504   | 745                         |  |  |  |  |
| Failed to Yield Right of Way         | 0   | 80                             | 155   | 235                         |  |  |  |  |
| Other Improper Driving               | 1   | 59                             | 137   | 197                         |  |  |  |  |
| Following Too Closely                | 0   | 68                             | 112   | 180                         |  |  |  |  |
| Improper Backing                     | 0   | 4                              | 106   | 110                         |  |  |  |  |
| Speed Too Fast for Conditions        | 1   | 40                             | 52  | 93                          |  |  |  |  |
| Made Improper Turn                   | 0   | 20                             | 71  | 91                          |  |  |  |  |
| Excessive Speed                      | 3   | 31                             | 40  | 74                          |  |  |  |  |
| Disregarded Traffic Signal           | 0   | 34                             | 30  | 64                          |  |  |  |  |
| Passed Stop Sign                     | 0   | 25                             | 37  | 62                          |  |  |  |  |
| Drove Left Of Center                 | 2   | 22                             | 36  | 60                          |  |  |  |  |
| Alcohol Involved                     | 2   | 22                             | 24  | 48                          |  |  |  |  |
| Improper Lane Change                 | 1   | 3                              | 25  | 29                          |  |  |  |  |
| Improper Overtaking                  | 0   | 7                              | 20  | 27                          |  |  |  |  |
| Avoid No Contact - Other             | 1   | 5                              | 18  | 24                          |  |  |  |  |
| Avoid No Contact - Vehicle           | 0   | 3                              | 14  | 17                          |  |  |  |  |
| Drug Involved                        | 3   | 8                              | 6   | 17                          |  |  |  |  |
| Cell Phone                           | 0   | 2                              | 2   | 4                           |  |  |  |  |
| Vehicle Skidded Before Brake         | 0   | 0                              | 4   | 4                           |  |  |  |  |
| Driverless Moving Vehicle            | 0   | 1                              | 2   | 3                           |  |  |  |  |
| Pedestrian Error                     | 0   | 3                              | 0   | 3                           |  |  |  |  |
| High Speed Pursuit                   | 0   | 2                              | 0   | 2                           |  |  |  |  |
| Texting                              | 0   | 0                              | 2   | 2                           |  |  |  |  |
| Failed to Yield to Emergency Vehicle | 0   | 0                              | 1   | 1                           |  |  |  |  |
| Failed to Yield to Police Vehicle    | 0   | 0                              | 1   | 1                           |  |  |  |  |
| Vehicle                              | 0   | 10                             | 23  | 33                          |  |  |  |  |
| Other Mechanical Defect              | 0   | 8                              | 13  | 21                          |  |  |  |  |
| Defective Steering                   | 0   | 1                              | 4   | 5                           |  |  |  |  |
| Inadequate Brakes                    | 0   | 1                              | 3   | 4                           |  |  |  |  |
| Defective Tires                      | 0   | 0                              | 3   | 3                           |  |  |  |  |
| Environment                          | 0   | 0                              | 4   | 4                           |  |  |  |  |
| Road Defect                          | 0   | 0                              | 2   | 2                           |  |  |  |  |
| Low Visibility Due to Smoke          | 0   | 0                              | 1   | 1                           |  |  |  |  |
| Traffic Control Not Functioning      | 0   | 0                              | 1   | 1                           |  |  |  |  |
| Other                                | 3   | 339                            | 814   | 1,156                       |  |  |  |  |
| None                                 | 3   | 301                            | 698   | 1,002                       |  |  |  |  |
| Other - No Driver Error              | 0   | 38                             | 116   | 154                         |  |  |  |  |

<sup>1</sup> Multiple contributing factors may be reported for any vehicle in a crash.





### Table 16: People in Crashes by Crash Classification andSeverity of Injuries in Chaves County, 2017

|                       |                         | People in Crashes by Severity of Injuries     |   |                                   |   |                 |  |  |
|-----------------------|-------------------------|---|---|-----------------------------------|---|-----------------|--|--|
| Crash Classification  | Fatalities<br>(Class K) | Suspected<br>Serious<br>Injuries<br>(Class A) | Suspected<br>Minor<br>Injuries<br>(Class B) | Possible<br>Injuries<br>(Class C) | No<br>Apparent<br>Injuries<br>(Class O) | Total<br>People |  |  |
| Animal                | 0                       | 0   | 1   | 1                                 | 92                                      | 94              |  |  |
| Fixed Object          | 1                       | 4   | 14  | 9                                 | 152                                     | 180             |  |  |
| Other (Non-Collision) | 0                       | 1   | 1   | 4                                 | 50                                      | 56              |  |  |
| Other (Object)        | 0                       | 3   | 0   | 1                                 | 15                                      | 19              |  |  |
| Other Vehicle         | 2                       | 22  | 53  | 272                               | 2,104                                   | 2,453           |  |  |
| Overturn/Rollover     | 3                       | 5   | 16  | 9                                 | 26                                      | 59              |  |  |
| Parked Vehicle        | 0                       | 2   | 8   | 9                                 | 295                                     | 314             |  |  |
| Pedalcyclist          | 0                       | 3   | 7   | 3                                 | 22                                      | 35              |  |  |
| Pedestrian            | 0                       | 1   | 2   | 4                                 | 11                                      | 18              |  |  |
| Railroad Train        | 0                       | 0   | 0   | 0                                 | 1                                       | 1               |  |  |
| Rollover              | 0                       | 3   | 5   | 9                                 | 20                                      | 37              |  |  |
| Vehicle on Other Road | 0                       | 0   | 0   | 6                                 | 10                                      | 16              |  |  |
| Missing Data          | 0                       | 0   | 0   | 0                                 | 0                                       | 0               |  |  |
| Total People          | 6                       | 44  | 107   | 327                               | 2,798                                   | 3,282           |  |  |

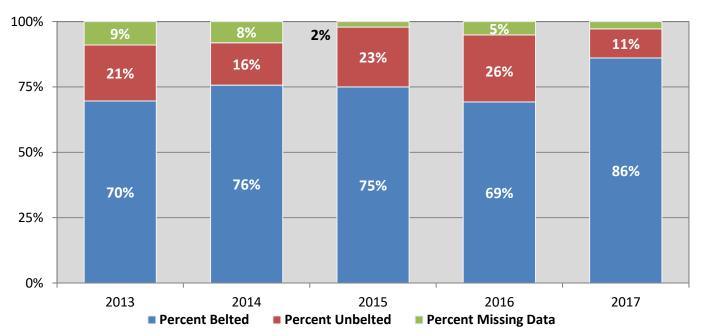




|              | Unbe | Ited People H      | Cilled or Inju | red <sup>1,2</sup>   | Total  |
|--------------|------|--------------------|----------------|----------------------|--------|
| Age Groups   | Male | Percent of<br>Male | Female         | Percent of<br>Female | People |
| 0-4          | 0    | 0%                 | 0              | 0%                   | 0      |
| 5-9          | 0    | 0%                 | 2              | 20%                  | 2      |
| 10-14        | 0    | 0%                 | 2              | 20%                  | 2      |
| 15-19        | 0    | 0%                 | 1              | 10%                  | 1      |
| 20-24        | 5    | 45%                | 2              | 20%                  | 7      |
| 25-29        | 1    | 9%                 | 1              | 10%                  | 2      |
| 30-34        | 1    | 9%                 | 1              | 10%                  | 2      |
| 35-39        | 2    | 18%                | 0              | 0%                   | 2      |
| 40-44        | 0    | 0%                 | 1              | 10%                  | 1      |
| 45-49        | 1    | 9%                 | 0              | 0%                   | 1      |
| 50-54        | 0    | 0%                 | 0              | 0%                   | 0      |
| 55-59        | 0    | 0%                 | 0              | 0%                   | 0      |
| 60-64        | 0    | 0%                 | 0              | 0%                   | 0      |
| 65-69        | 0    | 0%                 | 0              | 0%                   | 0      |
| 70 +         | 1    | 9%                 | 0              | 0%                   | 1      |
| Missing Data | 0    | 0%                 | 0              | 0%                   | 0      |
| Total People | 11   | 100%               | 10             | 100%                 | 21     |

# Table 17: Killed or Injured Unbelted People in Crashesby Sex and Age Group in Chaves County, 2017

<sup>1</sup> People injured are in one of three categories: suspected serious injury, suspected minor injury, or possible injury. <sup>2</sup> Excludes people in or on buses, heavy trucks, motorcycles, or ATVs.



### Figure 8: Seatbelt Use by People in Crashes with Fatal or Suspected Serious Injuries in Chaves County, 2013-2017

Produced for the NMDOT, Traffic Safety Division, Traffic Records Bureau, under Contract 6093 by the University of New Mexico, Geospatial and Population Studies, Traffic Research Unit





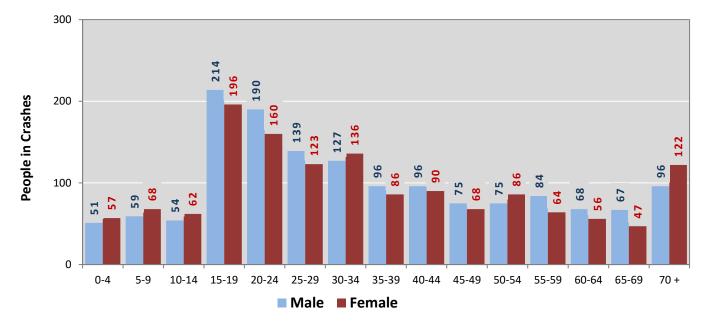
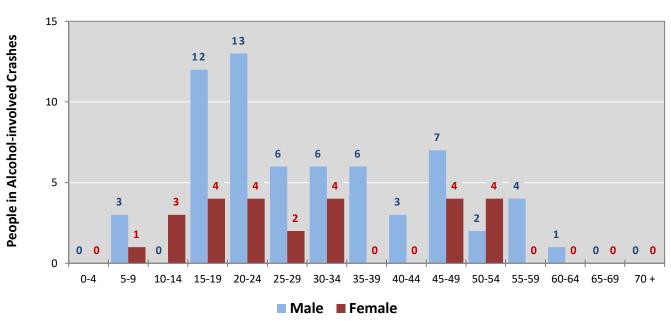


Figure 9: People in Crashes by Age Group and Sex in Chaves County, 2017

\* In 2017, Chaves County had 370 people in crashes for which age or sex data were missing.



### Figure 10: People in Alcohol-involved Crashes by Age Group and Sex in Chaves County, 2017

\* In 2017, Chaves County had 11 people in alcohol-involved crashes for which age or sex data were missing.





### Table 18: Pedestrians and Pedalcyclists in Crashes by Age Group in<br/>Chaves County, 2013-2017

| Age Groups   | F    | edestrians a | nd Pedalcycli | sts <sup>1</sup> in Crashe | s    | 5-Year<br>Total |
|--------------|------|--------------|---------------|----------------------------|------|-----------------|
| Age Groups   | 2013 | 2014         | 2015          | 2016                       | 2017 | People          |
| 0-4          | 0    | 1            | 1             | 0                          | 1    | 3               |
| 5-9          | 1    | 1            | 3             | 1                          | 1    | 7               |
| 10-14        | 1    | 1            | 5             | 3                          | 0    | 10              |
| 15-19        | 2    | 3            | 5             | 2                          | 2    | 14              |
| 20-24        | 2    | 0            | 1             | 2                          | 0    | 5               |
| 25-29        | 2    | 2            | 2             | 1                          | 3    | 10              |
| 30-34        | 0    | 3            | 2             | 3                          | 4    | 12              |
| 35-39        | 0    | 2            | 2             | 0                          | 1    | 5               |
| 40-44        | 2    | 1            | 2             | 1                          | 0    | 6               |
| 45-49        | 0    | 0            | 2             | 2                          | 5    | 9               |
| 50-54        | 1    | 1            | 3             | 0                          | 1    | 6               |
| 55-59        | 3    | 0            | 2             | 1                          | 2    | 8               |
| 60-64        | 0    | 0            | 0             | 3                          | 0    | 3               |
| 65-69        | 1    | 0            | 2             | 1                          | 0    | 4               |
| 70 +         | 0    | 0            | 2             | 0                          | 0    | 2               |
| Missing Data | 2    | 2            | 1             | 3                          | 1    | 9               |
| Total People | 17   | 17           | 35            | 23                         | 21   | 113             |

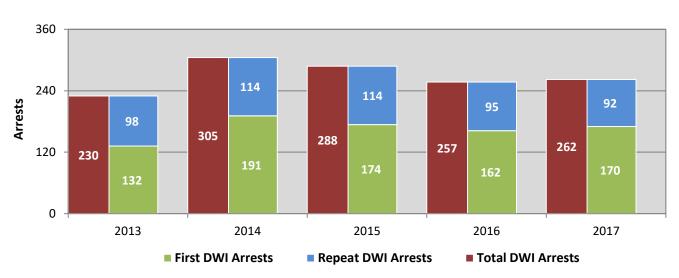
# Table 19: Pedestrians and Pedalcyclists in Crashes by Alcohol Involvementand Severity of Injuries in Chaves County, 2017

|                        | I                       | Pedestrians and Pedalcyclists <sup>1</sup> in Crashes |   |                                   |                                       |                 |  |  |  |
|------------------------|-------------------------|---|---|-----------------------------------|---------------------------------------|-----------------|--|--|--|
| Alcohol<br>Involvement | Fatalities<br>(Class K) | Suspected<br>Serious<br>Injuries<br>(Class A)         | Suspected<br>Minor<br>Injuries<br>(Class B) | Possible<br>Injuries<br>(Class C) | No<br>Apparent<br>Injury<br>(Class O) | Total<br>People |  |  |  |
| Total Pedalcyclists    | 0                       | 3   | 6   | 3                                 | 3                                     | 15              |  |  |  |
| Involved               | 0                       | 1   | 0   | 1                                 | 1                                     | 3               |  |  |  |
| Not Involved           | 0                       | 2   | 6   | 2                                 | 2                                     | 12              |  |  |  |
| Total Pedestrians      | 0                       | 1   | 2   | 3                                 | 0                                     | 6               |  |  |  |
| Involved               | 0                       | 0   | 0   | 0                                 | 0                                     | 0               |  |  |  |
| Not Involved           | 0                       | 1   | 2   | 3                                 | 0                                     | 6               |  |  |  |
| Total People           | 0                       | 4   | 8   | 6                                 | 3                                     | 21              |  |  |  |

<sup>1</sup>Pedestrians and pedalcyclists are counted as non-motorized vehicles, when involved in a crash with a motor vehicle.



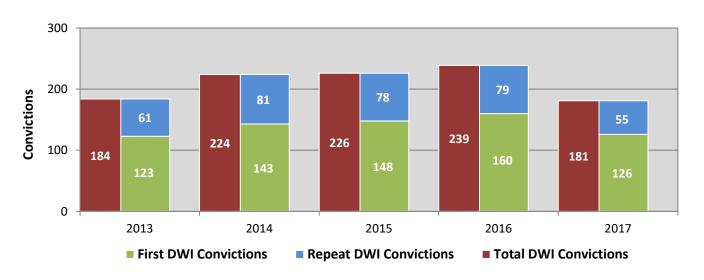




#### Figure 11: DWI Arrests in Chaves County, Showing First and Repeat DWI Arrests, 2013-2017

\*Values are based upon the year of the arrest.

Figure 12: DWI Convictions in Chaves County, Showing First and Repeat DWI Convictions, 2013-2017



\*Values are based upon the year of the conviction.





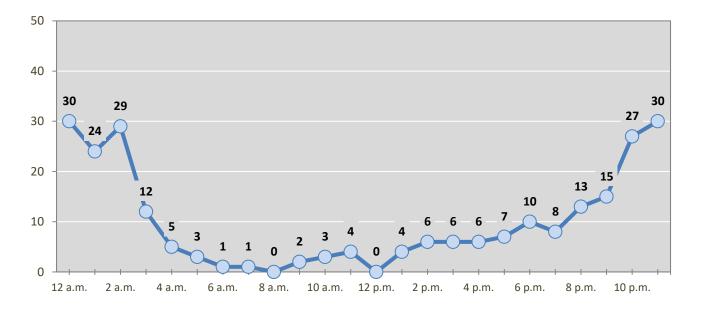


Figure 13: DWI Arrests by Hour in Chaves County, 2017

\* In 2017, Chaves County had 16 arrests for which hour data were missing.

|               |      | 5-Year |      |      |      |         |
|---------------|------|--------|------|------|------|---------|
| Day of Week   | 2013 | 2014   | 2015 | 2016 | 2017 | Average |
| Sunday        | 37   | 75     | 69   | 54   | 62   | 59      |
| Monday        | 16   | 16     | 29   | 16   | 27   | 21      |
| Tuesday       | 23   | 22     | 25   | 21   | 12   | 21      |
| Wednesday     | 18   | 30     | 24   | 30   | 27   | 26      |
| Thursday      | 28   | 31     | 29   | 29   | 27   | 29      |
| Friday        | 33   | 52     | 38   | 44   | 45   | 42      |
| Saturday      | 75   | 79     | 74   | 63   | 62   | 71      |
| Total Arrests | 230  | 305    | 288  | 257  | 262  | 268     |





|               | Driver First DWI Arrests <sup>1</sup> |      |      |      |      |  |  |  |
|---------------|---------------------------------------|------|------|------|------|--|--|--|
| Age Groups    | 2013                                  | 2014 | 2015 | 2016 | 2017 |  |  |  |
| 15-19         | 4                                     | 19   | 14   | 15   | 13   |  |  |  |
| 20-24         | 41                                    | 43   | 42   | 37   | 31   |  |  |  |
| 25-29         | 28                                    | 27   | 36   | 28   | 32   |  |  |  |
| 30-34         | 12                                    | 25   | 16   | 31   | 25   |  |  |  |
| 35-39         | 15                                    | 25   | 26   | 18   | 24   |  |  |  |
| 40-44         | 9                                     | 12   | 12   | 7    | 15   |  |  |  |
| 45-49         | 7                                     | 15   | 8    | 5    | 7    |  |  |  |
| 50-54         | 6                                     | 14   | 10   | 10   | 11   |  |  |  |
| 55-59         | 4                                     | 3    | 5    | 3    | 7    |  |  |  |
| 60-64         | 4                                     | 6    | 3    | 4    | 1    |  |  |  |
| 65-69         | 2                                     | 0    | 2    | 4    | 3    |  |  |  |
| 70 +          | 0                                     | 2    | 0    | 0    | 1    |  |  |  |
| Missing Data  | 0                                     | 0    | 0    | 0    | 0    |  |  |  |
| Total Drivers | 132                                   | 191  | 174  | 162  | 170  |  |  |  |

### Table 21: Driver First DWI Arrests by Age Group in Chaves County, 2013-2017

<sup>1</sup>Values are based upon the year of the arrest.

| Table 22: Driver Re | neat DWI Arrests h | ν Δσο Grour | in Chaves    | County 2013.2017  |
|---------------------|--------------------|-------------|--------------|-------------------|
| Table 22. Driver Re | peal Dwi Allesis L | y Age Group | J III CHAVES | County, 2013-2017 |

| Age Groups    | Driver Repeat DWI Arrests <sup>1</sup> |      |      |      |      |  |  |  |
|---------------|--|------|------|------|------|--|--|--|
| NBC CLOWPO    | 2013                                   | 2014 | 2015 | 2016 | 2017 |  |  |  |
| 15-19         | 0                                      | 1    | 0    | 0    | 0    |  |  |  |
| 20-24         | 13                                     | 11   | 8    | 6    | 7    |  |  |  |
| 25-29         | 15                                     | 12   | 21   | 23   | 10   |  |  |  |
| 30-34         | 14                                     | 22   | 19   | 12   | 16   |  |  |  |
| 35-39         | 11                                     | 12   | 17   | 18   | 17   |  |  |  |
| 40-44         | 11                                     | 18   | 13   | 11   | 10   |  |  |  |
| 45-49         | 11                                     | 12   | 6    | 7    | 14   |  |  |  |
| 50-54         | 11                                     | 9    | 9    | 7    | 4    |  |  |  |
| 55-59         | 5                                      | 11   | 10   | 8    | 6    |  |  |  |
| 60-64         | 6                                      | 4    | 8    | 2    | 4    |  |  |  |
| 65-69         | 1                                      | 1    | 3    | 0    | 2    |  |  |  |
| 70 +          | 0                                      | 1    | 0    | 1    | 2    |  |  |  |
| Missing Data  | 0                                      | 0    | 0    | 0    | 0    |  |  |  |
| Total Drivers | 98                                     | 114  | 114  | 95   | 92   |  |  |  |

<sup>1</sup>Values are based upon the year of the arrest.





### Table 23: Driver First DWI Convictionsby Age Group in Chaves County, 2013-2017

| Ago Groups    | Driver First DWI Convictions <sup>1</sup> |      |      |      |      |
|---------------|---|------|------|------|------|
| Age Groups    | 2013                                      | 2014 | 2015 | 2016 | 2017 |
| 15-19         | 3   | 8    | 10   | 11   | 8    |
| 20-24         | 42  | 40   | 38   | 42   | 28   |
| 25-29         | 21  | 26   | 36   | 28   | 25   |
| 30-34         | 15  | 13   | 16   | 24   | 23   |
| 35-39         | 13  | 14   | 17   | 14   | 17   |
| 40-44         | 9   | 12   | 6    | 13   | 8    |
| 45-49         | 9   | 10   | 11   | 6    | 3    |
| 50-54         | 5   | 13   | 7    | 11   | 7    |
| 55-59         | 2   | 3    | 4    | 2    | 4    |
| 60-64         | 3   | 1    | 3    | 6    | 1    |
| 65-69         | 1   | 2    | 0    | 2    | 2    |
| 70 +          | 0   | 1    | 0    | 1    | 0    |
| Missing Data  | 0   | 0    | 0    | 0    | 0    |
| Total Drivers | 123                                       | 143  | 148  | 160  | 126  |

<sup>1</sup>Values are based upon the year of the conviction.

| by fige droup in chaves county, 2010 2017 |  |      |      |      |      |
|---|--|------|------|------|------|
| Ago Groups                                | Driver Repeat DWI Convictions <sup>1</sup> |      |      |      |      |
| Age Groups                                | 2013                                       | 2014 | 2015 | 2016 | 2017 |
| 15-19                                     | 1  | 0    | 0    | 0    | 0    |
| 20-24                                     | 7  | 11   | 6    | 4    | 3    |
| 25-29                                     | 7  | 8    | 11   | 21   | 10   |
| 30-34                                     | 6  | 13   | 15   | 7    | 11   |
| 35-39                                     | 13   | 12   | 6    | 15   | 8    |
| 40-44                                     | 5  | 10   | 11   | 12   | 3    |
| 45-49                                     | 6  | 9    | 7    | 5    | 8    |
| 50-54                                     | 8  | 7    | 8    | 5    | 4    |
| 55-59                                     | 4  | 6    | 8    | 5    | 3    |
| 60-64                                     | 4  | 3    | 5    | 3    | 2    |
| 65-69                                     | 0  | 1    | 1    | 2    | 1    |
| 70 +                                      | 0  | 1    | 0    | 0    | 2    |
| Missing Data                              | 0  | 0    | 0    | 0    | 0    |
| Total Drivers                             | 61   | 81   | 78   | 79   | 55   |

### Table 24: Driver Repeat DWI Convictionsby Age Group in Chaves County, 2013-2017

<sup>1</sup>Values are based upon the year of the conviction.





### Table 25: Court Disposition of DWI Arrests for the State and Chaves County, 2017

| Court Disposition of<br>DWI Arrest <sup>1</sup>     | Chaves<br>County | Statewide | Percent of<br>Statewide |
|---|------------------|-----------|-------------------------|
| Total DWI Arrests                                   | 262              | 10,501    | 2.5%                    |
| DWI Arrests Resulting in<br>Convictions             | 183              | 5,533     | 3.3%                    |
| DWI Arrests Resulting in<br>Dismissals <sup>2</sup> | 14               | 1,426     | 1.0%                    |
| DWI Arrests Awaiting<br>Disposition                 | 65               | 3,542     | 1.8%                    |

<sup>1</sup> These are the number of DWI arrests in 2017 and whether the case resulted in a conviction or dismissal, or is still awaiting court disposition, as reported in the NM MVD Citation Tracking System (CTS) as of February 2019.

<sup>2</sup> For this table, a very small number of "not guilty" rulings may be included in the category Dismissals.

### Table 26: Average Number of Days from Date of DWI Arrestto Date of Court Disposition for the State and Chaves County, 2017

|                   | Average Nur      | Deviation from |                      |  |
|-------------------|------------------|----------------|----------------------|--|
| Court Disposition | Chaves<br>County | Statewide      | Statewide<br>Average |  |
| DWI Conviction    | 152              | 166            | -14                  |  |
| DWI Dismissal     | 182              | 175            | 7                    |  |



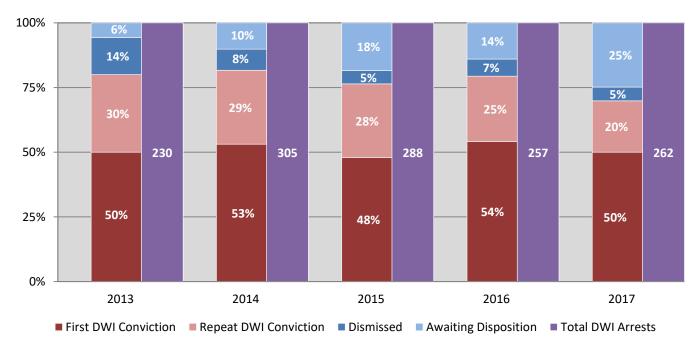


### Table 27: Court Disposition of DWI Arrests in Chaves County, 2013-2017

| Year of DWI         | Year of DWI             |                          |           |                         | Total DWI |
|---------------------|-------------------------|--------------------------|-----------|-------------------------|-----------|
| Arrest <sup>1</sup> | First DWI<br>Conviction | Repeat DWI<br>Conviction | Dismissed | Awaiting<br>Disposition | Arrests   |
| 2013                | 115                     | 69                       | 33        | 13                      | 230       |
| 2014                | 162                     | 87                       | 25        | 31                      | 305       |
| 2015                | 138                     | 82                       | 15        | 53                      | 288       |
| 2016                | 139                     | 65                       | 17        | 36                      | 257       |
| 2017                | 131                     | 52                       | 14        | 65                      | 262       |

<sup>1</sup>Values are based upon the year of the arrest.

#### Figure 14: Court Dispositions by Percentage of DWI Arrests in Chaves County, 2013-2017



\*Table 27 contains the values used to calculate percentages shown in Figure 14.