



# MOTORCYCLE DEMOGRAPHICS

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## COLORADO DEPARTMENT OF TRANSPORTATION 2006 ANALYSIS OF MOTORCYCLE OWNERSHIP

Prepared for:

Colorado Department of Transportation

Prepared by:

Corona Research, Inc.  
1630 Welton Street, Suite 525, Denver, CO 80202  
Phone: 303-894-8246, Fax: 303-894-9651  
E-Mail: [kevin@coronaresearch.com](mailto:kevin@coronaresearch.com)  
Web Site: [www.coronaresearch.com](http://www.coronaresearch.com)

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# Colorado Department of Transportation 2006 Analysis of Motorcycle Ownership

## INTRODUCTION

### BACKGROUND AND OBJECTIVES

In July 2006, Colorado Department of Transportation retained Corona Research to provide a profile of the geography of motorcycle and scooter ownership in Colorado, with an emphasis on understanding where motorcycle ownership is particularly high or low in the state. The profile was developed through analysis of motorcycle registrations in Colorado, using raw data provided by a commercial list firm. This report contains the results of the analysis, including number of motorcycles, size (displacement) and age of the motorcycles.

Two other studies, performed concurrently, developed 2006 baseline data on several issues regarding motorcycle safety and training issues. One study examined the attitudes, behavior and usage of Colorado motorcycle and scooter riders, and the other examined the attitudes of the general public toward motorcycles and motorcyclists. Those studies are documented in separate reports.

## **REPORT LAYOUT**

Key Findings are presented on the following pages, and represent some important global findings of the analysis. Each section of the report contains both tables and corresponding maps to illustrate the findings.

Within the main body of the survey report, three sections are presented:

- Section 1 presents general ownership statistics for Colorado, by county.
- Section 2 examines motorcycle ownership based on the size of the motorcycle, as measured by the displacement of the engine.
- Section 3 examines motorcycle ownership based on the age of the motorcycle, as well as motorcycle brands.

Please note that all references to “motorcycles,” “bikes”, or “motorcycles and scooters” refers to the total of all motorcycles and motor scooters of 49 cubic centimeters of displacement or more.

This report will take a slightly different tack than most other Corona reports. The key findings on the following page document the most significant findings from the data, and the remaining pages merely report, without comment, the data from which those key findings are derived.

## KEY FINDINGS

While many conclusions and implications can be discerned from the survey findings, several stand out as being of particular interest. These key findings are discussed below in the order in which they are presented in the report.

1. **Ownership of motorcycles is concentrated in a few geographic areas.** Jefferson and El Paso Counties (combined) hold more than 25 percent of the state's motorcycles, while the combination of Jefferson, El Paso, Arapahoe, Adams, and Larimer hold almost exactly half (49 percent) of the state's motorcycles. *Source: Exhibit 1-1.*
2. **Small rural counties in western Colorado have the most motorcycles per capita in the state.** San Juan, San Miguel, Gilpin, Pitkin, Hinsdale, Park, and Ouray Counties have motorcycle ownership rates that are at least double the statewide average. All are either mountain communities or communities in the western part of the state, or both. At the other end of the scale, Crowley, Bent, Denver, Sedgwick, Lincoln, and Baca Counties have motorcycle ownership rates that are at least 30 percent below average. All but Denver are small rural counties in the plains area of the eastern part of the state. Among major metropolitan areas, Jefferson and Weld Counties have ownership rates that are more than 10 percent above the statewide average, while Denver, Arapahoe, and Adams Counties have ownership rates that are at least ten percent lower than average. *Source: Exhibit 1-2.*
3. **Rural Eastern Plains Counties typically had the greatest percentage of 'large' motorcycles within their boundaries.** In 11 Colorado counties, more than 60 percent of motorcycles are larger than 1000cc. Of those 11 counties, 9 are small rural counties on the Eastern Plains. In contrast, in 9 Colorado counties, more than 60 percent of motorcycles are 1000cc or smaller; of these, 7 are located in south-central or southwest Colorado. *Source: Exhibit 2-2d.*
4. **Motorcycles in urban counties are more likely to be newer.** In 6 Colorado counties, more than 40 percent of motorcycles are of a 2001 model year or younger. Of those six counties, five are large urban counties: Douglas, El Paso, Arapahoe, Adams, and Broomfield. (The sixth is Eagle County.) In 6 other Colorado counties, 25 percent or fewer of motorcycles are of that new vintage; these tend to be small rural counties, primarily in the Eastern Plains and San Luis Valley (Baca, Dolores, Cheyenne, Mineral, Chaffee, and Sedgwick Counties). *Source: Exhibit 3-2c.*

## SECTION 1 MOTORCYCLE OWNERSHIP

This section of the analysis examines motorcycle and scooter ownership in the state of Colorado on a county level. The first exhibit and map displays ownership by county, both in raw numbers of motorcycles and as a percent of all motorcycles in the state. These figures are ranked from the most bikes in a county on top, to the fewest on bottom. The second exhibit and map displays ownership per capital. Again, these are ranked with the most bikes per population on the top, and fewest on the bottom.

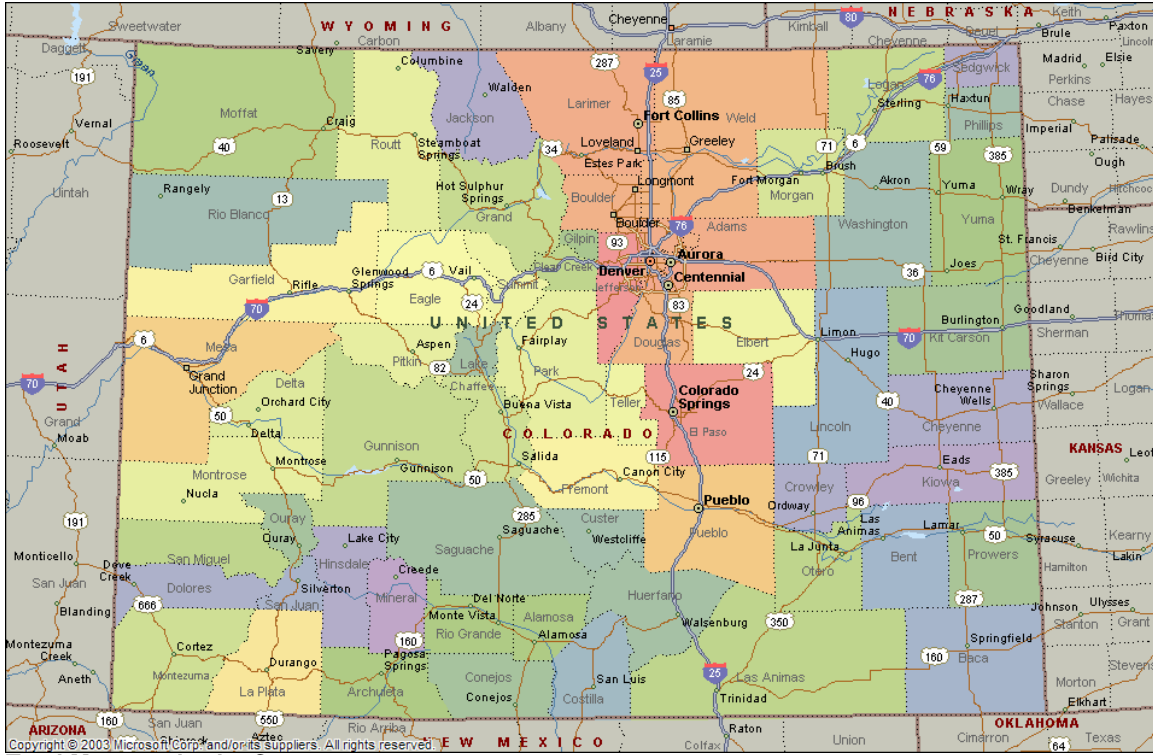
## Exhibit 1-1

### Ownership by County

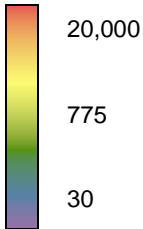
| County          | Total Motorcycles per County |                        |
|-----------------|------------------------------|------------------------|
|                 | Total (RAW NUMBER)           | Percent of Total State |
| CO, JEFFERSON   | 19,185                       | 13.4%                  |
| CO, EL PASO     | 18,153                       | 12.6%                  |
| CO, ARAPAHOE    | 12,365                       | 8.6%                   |
| CO, ADAMS       | 10,923                       | 7.6%                   |
| CO, LARIMER     | 10,296                       | 7.2%                   |
| CO, DENVER      | 9,634                        | 6.7%                   |
| CO, BOULDER     | 8,796                        | 6.1%                   |
| CO, DOUGLAS     | 7,746                        | 5.4%                   |
| CO, WELD        | 7,622                        | 5.3%                   |
| CO, PUEBLO      | 4,547                        | 3.2%                   |
| CO, MESA        | 4,177                        | 2.9%                   |
| CO, LA PLATA    | 2,337                        | 1.6%                   |
| CO, FREMONT     | 1,952                        | 1.4%                   |
| CO, GARFIELD    | 1,879                        | 1.3%                   |
| CO, EAGLE       | 1,469                        | 1.0%                   |
| CO, BROOMFIELD  | 1,359                        | 0.9%                   |
| CO, TELLER      | 1,279                        | 0.9%                   |
| CO, SUMMIT      | 1,169                        | 0.8%                   |
| CO, ELBERT      | 1,155                        | 0.8%                   |
| CO, MONTROSE    | 1,124                        | 0.8%                   |
| CO, PITKIN      | 1,074                        | 0.7%                   |
| CO, PARK        | 1,039                        | 0.7%                   |
| CO, ROUTT       | 1,030                        | 0.7%                   |
| CO, DELTA       | 965                          | 0.7%                   |
| CO, MORGAN      | 824                          | 0.6%                   |
| CO, CHAFFEE     | 751                          | 0.5%                   |
| CO, MONTEZUMA   | 742                          | 0.5%                   |
| CO, GRAND       | 633                          | 0.4%                   |
| CO, LOGAN       | 620                          | 0.4%                   |
| CO, GUNNISON    | 607                          | 0.4%                   |
| CO, OTERO       | 586                          | 0.4%                   |
| CO, SAN MIGUEL  | 549                          | 0.4%                   |
| CO, CLEAR CREEK | 525                          | 0.4%                   |
| CO, LAS ANIMAS  | 524                          | 0.4%                   |
| CO, MOFFAT      | 482                          | 0.3%                   |
| CO, RIO GRANDE  | 455                          | 0.3%                   |
| CO, ALAMOSA     | 435                          | 0.3%                   |
| CO, ARCHULETA   | 412                          | 0.3%                   |
| CO, YUMA        | 352                          | 0.2%                   |
| CO, GILPIN      | 335                          | 0.2%                   |
| CO, PROWERS     | 305                          | 0.2%                   |
| CO, KIT CARSON  | 282                          | 0.2%                   |
| CO, CONEJOS     | 265                          | 0.2%                   |
| CO, OURAY       | 259                          | 0.2%                   |
| CO, LAKE        | 225                          | 0.2%                   |
| CO, SAGUACHE    | 224                          | 0.2%                   |
| CO, HUERFANO    | 220                          | 0.2%                   |
| CO, PHILLIPS    | 204                          | 0.1%                   |
| CO, CUSTER      | 191                          | 0.1%                   |
| CO, RIO BLANCO  | 176                          | 0.1%                   |
| CO, WASHINGTON  | 174                          | 0.1%                   |
| CO, COSTILLA    | 136                          | 0.1%                   |
| CO, LINCOLN     | 109                          | 0.1%                   |
| CO, BENT        | 101                          | 0.1%                   |
| CO, BACA        | 92                           | 0.1%                   |
| CO, SAN JUAN    | 73                           | 0.1%                   |
| CO, DOLORES     | 71                           | 0.0%                   |
| CO, CROWLEY     | 62                           | 0.0%                   |
| CO, CHEYENNE    | 55                           | 0.0%                   |
| CO, HINSDALE    | 54                           | 0.0%                   |
| CO, JACKSON     | 49                           | 0.0%                   |
| CO, SEDGWICK    | 48                           | 0.0%                   |
| CO, KIOWA       | 39                           | 0.0%                   |
| CO, MINERAL     | 30                           | 0.0%                   |
| <b>TOTALS</b>   | <b>143,551</b>               | <b>100%</b>            |

Reading this exhibit: The figure on the left is the raw number of motorcycles in each county. The figure on the right is the percent of the statewide total of motorcycles that are represented by that county.

# Map 1-1 Ownership by County



Total Motorcycles by County





## Exhibit 1-2

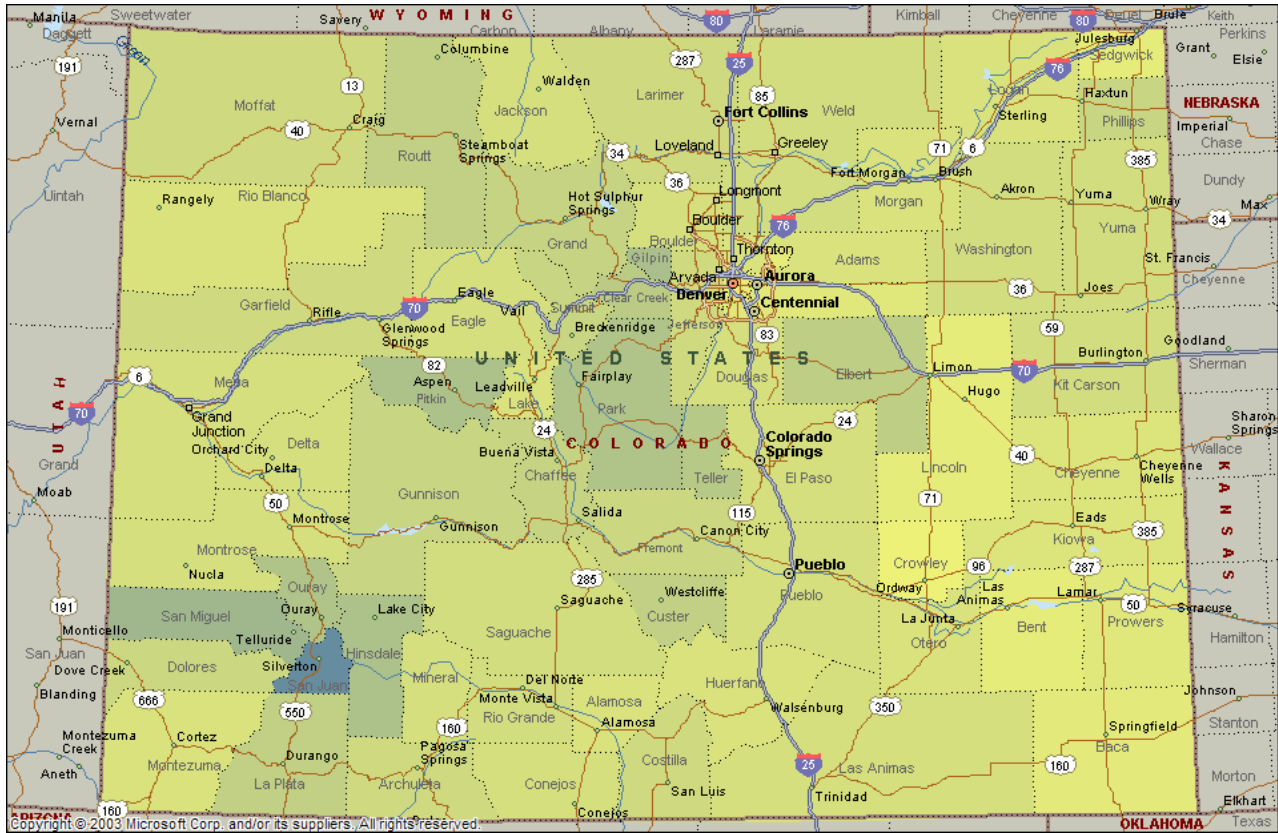
### Number of Motorcycles per Capita

| County             | Motorcycles per Capita |                            |
|--------------------|------------------------|----------------------------|
|                    | Total                  | Over/Under Representation* |
| CO, SAN JUAN       | 0.127                  | 4.108                      |
| CO, SAN MIGUEL     | 0.076                  | 2.464                      |
| CO, GILPIN         | 0.068                  | 2.215                      |
| CO, PITKIN         | 0.066                  | 2.140                      |
| CO, HINSDALE       | 0.064                  | 2.089                      |
| CO, PARK           | 0.063                  | 2.058                      |
| CO, OURAY          | 0.062                  | 2.010                      |
| CO, TELLER         | 0.058                  | 1.874                      |
| CO, CLEAR CREEK    | 0.055                  | 1.790                      |
| CO, ELBERT         | 0.051                  | 1.667                      |
| CO, LA PLATA       | 0.050                  | 1.606                      |
| CO, CUSTER         | 0.049                  | 1.573                      |
| CO, ROUTT          | 0.048                  | 1.541                      |
| CO, GRAND          | 0.045                  | 1.472                      |
| CO, CHAFFEE        | 0.045                  | 1.446                      |
| CO, PHILLIPS       | 0.044                  | 1.431                      |
| CO, GUNNISON       | 0.043                  | 1.387                      |
| CO, SUMMIT         | 0.043                  | 1.381                      |
| CO, FREMONT        | 0.041                  | 1.333                      |
| CO, DOLORES        | 0.039                  | 1.253                      |
| CO, LARIMER        | 0.038                  | 1.240                      |
| CO, GARFIELD       | 0.038                  | 1.235                      |
| CO, COSTILLA       | 0.036                  | 1.179                      |
| CO, JEFFERSON      | 0.036                  | 1.167                      |
| CO, ARCHULETA      | 0.036                  | 1.165                      |
| CO, MOFFAT         | 0.036                  | 1.164                      |
| CO, KIT CARSON     | 0.035                  | 1.149                      |
| CO, YUMA           | 0.035                  | 1.146                      |
| CO, WASHINGTON     | 0.035                  | 1.138                      |
| CO, WELD           | 0.035                  | 1.134                      |
| CO, RIO GRANDE     | 0.035                  | 1.119                      |
| CO, SAGUACHE       | 0.034                  | 1.114                      |
| CO, EL PASO        | 0.033                  | 1.061                      |
| CO, MESA           | 0.033                  | 1.059                      |
| CO, DOUGLAS        | 0.032                  | 1.050                      |
| CO, LAS ANIMAS     | 0.032                  | 1.046                      |
| CO, DELTA          | 0.032                  | 1.040                      |
| CO, MINERAL        | 0.032                  | 1.021                      |
| CO, CONEJOS        | 0.031                  | 1.011                      |
| CO, JACKSON        | 0.031                  | 1.010                      |
| CO, BOULDER        | 0.031                  | 1.000                      |
| CO, EAGLE          | 0.031                  | 0.992                      |
| CO, BROOMFIELD     | 0.030                  | 0.987                      |
| CO, MONTROSE       | 0.030                  | 0.986                      |
| CO, PUEBLO         | 0.030                  | 0.984                      |
| CO, MONTEZUMA      | 0.030                  | 0.969                      |
| CO, OTERO          | 0.030                  | 0.966                      |
| CO, MORGAN         | 0.029                  | 0.942                      |
| CO, RIO BLANCO     | 0.029                  | 0.935                      |
| CO, LOGAN          | 0.028                  | 0.921                      |
| CO, LAKE           | 0.028                  | 0.919                      |
| CO, ALAMOSA        | 0.028                  | 0.901                      |
| CO, ADAMS          | 0.028                  | 0.898                      |
| CO, HUERFANO       | 0.028                  | 0.895                      |
| CO, KIOWA          | 0.026                  | 0.828                      |
| CO, CHEYENNE       | 0.025                  | 0.826                      |
| CO, ARAPAHOE       | 0.023                  | 0.759                      |
| CO, PROWERS        | 0.022                  | 0.705                      |
| CO, BACA           | 0.021                  | 0.693                      |
| CO, LINCOLN        | 0.018                  | 0.587                      |
| CO, SEDGWICK       | 0.018                  | 0.579                      |
| CO, DENVER         | 0.017                  | 0.549                      |
| CO, BENT           | 0.016                  | 0.514                      |
| CO, CROWLEY        | 0.011                  | 0.345                      |
| <b>TOTAL STATE</b> | <b>0.031</b>           | <b>1.000</b>               |

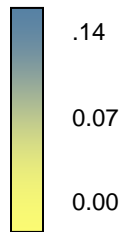
*\*Note: A ratio of 1.0 means that the proportion of motorcycles in the county is equal to the statewide proportion. A ratio higher than 1.0 means that motorcycles are more common as a proportion of total motorcycles (e.g., a ratio of 2.0 means that they're twice as common), while a ratio below 1.0 means that they're less common (e.g., a ratio of 0.5 means that they're half as common).*

Map 1-2a

Number of Motorcycles per Capita

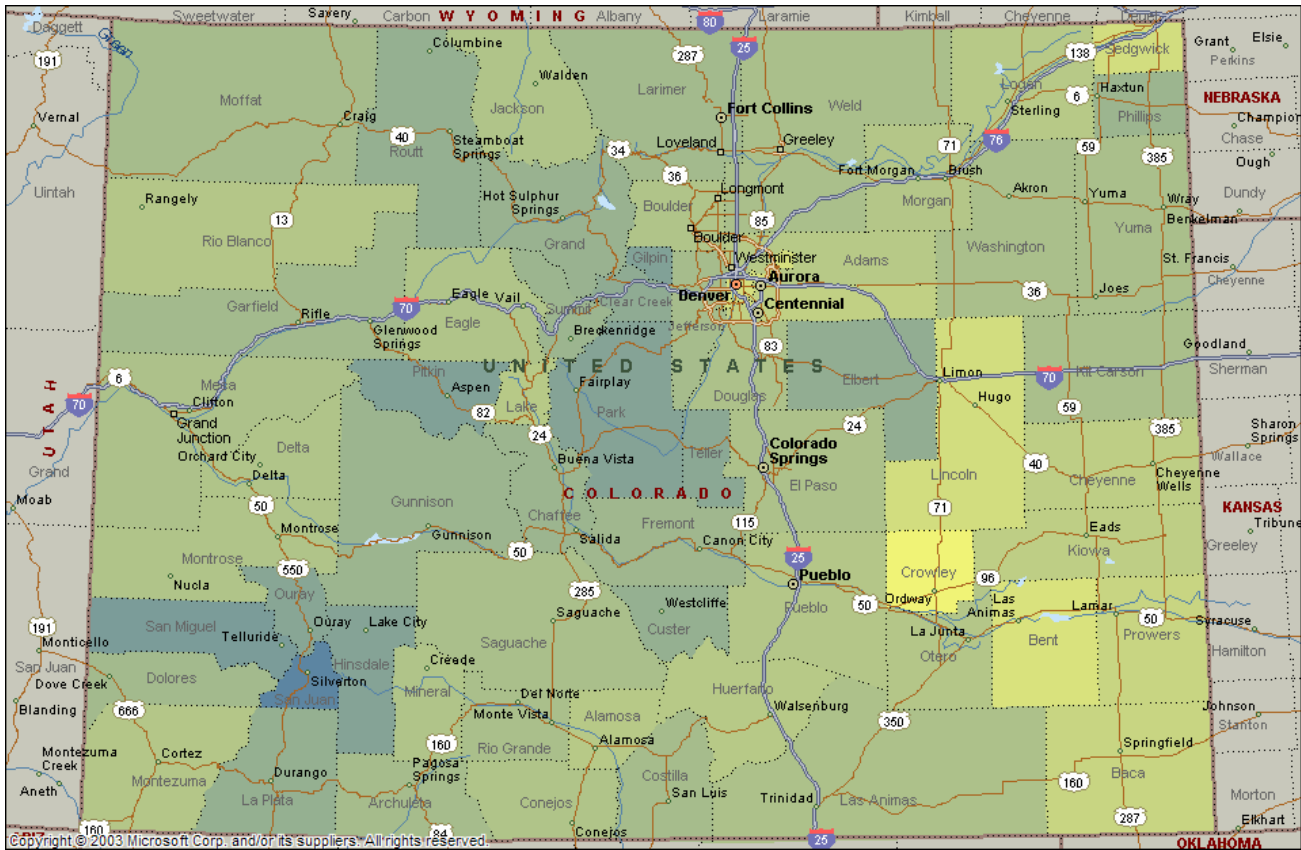


Per Capita Ownership by County

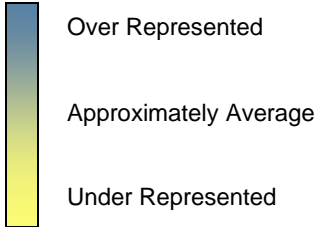


# Map 1-2b

## Under or Over Representation of Motorcycles



### Over/Under Representation by County



## SECTION 2 MOTORCYCLE OWNERSHIP BY DISPLACEMENT

This section of the survey examines the size of motorcycles in state of Colorado on the county level. The first exhibit displays ownership by county, based on the size of motorcycle. These numbers are in raw form, followed by the numbers as a percent of the county overall. The corresponding maps display the percent of large (defined as having a displacement greater than 1000cc) motorcycles compared to all large motorcycles in the state, and all motorcycles in that county.

**Exhibit 2-1**

**Motorcycles by Size – Statewide Figures**

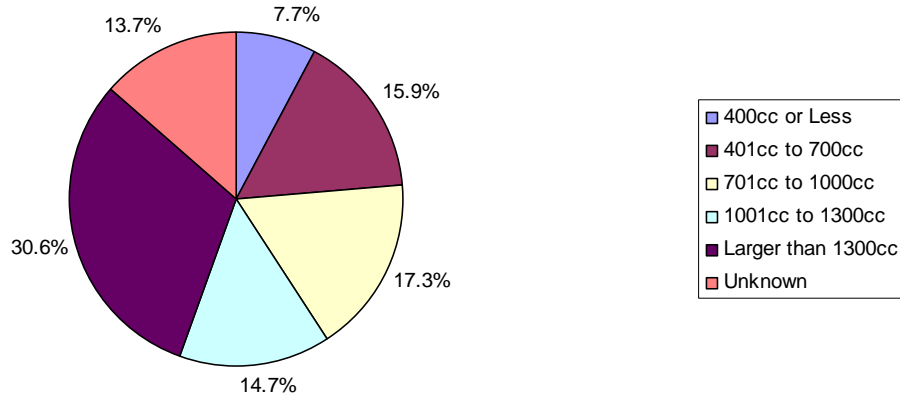


Exhibit 2-2a

Motorcycles by Size (Raw Numbers)

| County          | Motorcycles in Colorado by Size (RAW NUMBERS) |                |                 |                  |                    |              | Total         |
|-----------------|---|----------------|-----------------|------------------|--------------------|--------------|---------------|
|                 | Displacement                                  |                |                 |                  |                    |              |               |
|                 | 400cc or Less                                 | 401cc to 700cc | 701cc to 1000cc | 1001cc to 1300cc | Larger than 1300cc | Unknown      |               |
| CO, ADAMS       | 494   | 1642           | 1974            | 1547             | 3884               | 1382         | 10923         |
| CO, ALAMOSA     | 41  | 66             | 50              | 67               | 124                | 87           | 435           |
| CO, ARAPAHOE    | 776   | 1967           | 2462            | 1950             | 3846               | 1364         | 12365         |
| CO, ARCHULETA   | 45  | 64             | 58              | 61               | 117                | 67           | 412           |
| CO, BACA        | 1   | 20             | 15              | 17               | 19                 | 20           | 92            |
| CO, BENT        | 9   | 17             | 16              | 12               | 27                 | 20           | 101           |
| CO, BOULDER     | 873   | 1763           | 1621            | 1340             | 1931               | 1268         | 8796          |
| CO, BROOMFIELD  | 73  | 250            | 249             | 222              | 413                | 152          | 1359          |
| CO, CHAFFEE     | 143   | 117            | 110             | 82               | 158                | 141          | 751           |
| CO, CHEYENNE    | 3   | 8              | 8               | 10               | 12                 | 14           | 55            |
| CO, CLEAR CREEK | 33  | 75             | 80              | 71               | 168                | 98           | 525           |
| CO, CONEJOS     | 19  | 39             | 44              | 45               | 89                 | 29           | 265           |
| CO, COSTILLA    | 6   | 9              | 13              | 13               | 62                 | 33           | 136           |
| CO, CROWLEY     | 2   | 12             | 13              | 7                | 15                 | 13           | 62            |
| CO, CUSTER      | 21  | 40             | 37              | 24               | 47                 | 22           | 191           |
| CO, DELTA       | 86  | 140            | 132             | 118              | 278                | 211          | 965           |
| CO, DENVER      | 627   | 1656           | 1900            | 1332             | 2528               | 1591         | 9634          |
| CO, DOLORES     | 9   | 12             | 9               | 7                | 16                 | 18           | 71            |
| CO, DOUGLAS     | 511   | 1193           | 1354            | 1267             | 2767               | 654          | 7746          |
| CO, EAGLE       | 178   | 260            | 273             | 211              | 367                | 180          | 1469          |
| CO, EL PASO     | 1424  | 3030           | 3329            | 2553             | 5708               | 2109         | 18153         |
| CO, ELBERT      | 74  | 159            | 164             | 181              | 456                | 121          | 1155          |
| CO, FREMONT     | 188   | 293            | 302             | 238              | 594                | 337          | 1952          |
| CO, GARFIELD    | 223   | 308            | 263             | 292              | 528                | 265          | 1879          |
| CO, GILPIN      | 23  | 54             | 41              | 42               | 109                | 66           | 335           |
| CO, GRAND       | 74  | 104            | 74              | 95               | 155                | 131          | 633           |
| CO, GUNNISON    | 163   | 98             | 84              | 76               | 93                 | 93           | 607           |
| CO, HINSDALE    | 14  | 11             | 3               | 5                | 12                 | 9            | 54            |
| CO, HUERFANO    | 12  | 20             | 29              | 31               | 89                 | 39           | 220           |
| CO, JACKSON     | 7   | 7              | 9               | 7                | 12                 | 7            | 49            |
| CO, JEFFERSON   | 1390  | 2780           | 3182            | 3046             | 6199               | 2588         | 19185         |
| CO, KIOWA       | 3   | 10             | 6               | 7                | 4                  | 9            | 39            |
| CO, KIT CARSON  | 22  | 36             | 40              | 41               | 106                | 37           | 282           |
| CO, LA PLATA    | 288   | 339            | 360             | 279              | 745                | 326          | 2337          |
| CO, LAKE        | 27  | 37             | 31              | 27               | 59                 | 44           | 225           |
| CO, LARIMER     | 773   | 1760           | 1859            | 1447             | 2887               | 1570         | 10296         |
| CO, LAS ANIMAS  | 33  | 68             | 79              | 71               | 203                | 70           | 524           |
| CO, LINCOLN     | 2   | 8              | 19              | 19               | 34                 | 27           | 109           |
| CO, LOGAN       | 31  | 92             | 130             | 91               | 161                | 115          | 620           |
| CO, MESA        | 301   | 660            | 690             | 620              | 1269               | 637          | 4177          |
| CO, MINERAL     | 6   | 5              | 4               | 7                | 2                  | 6            | 30            |
| CO, MOFFAT      | 27  | 66             | 89              | 63               | 163                | 74           | 482           |
| CO, MONTEZUMA   | 68  | 103            | 102             | 108              | 237                | 124          | 742           |
| CO, MONTROSE    | 144   | 195            | 166             | 147              | 289                | 183          | 1124          |
| CO, MORGAN      | 39  | 121            | 120             | 115              | 292                | 137          | 824           |
| CO, OTERO       | 41  | 97             | 110             | 88               | 128                | 122          | 586           |
| CO, OURAY       | 64  | 48             | 26              | 31               | 45                 | 45           | 259           |
| CO, PARK        | 83  | 135            | 152             | 158              | 345                | 166          | 1039          |
| CO, PHILLIPS    | 16  | 28             | 29              | 30               | 65                 | 36           | 204           |
| CO, PITKIN      | 223   | 182            | 175             | 150              | 194                | 150          | 1074          |
| CO, PROWERS     | 22  | 58             | 44              | 45               | 80                 | 56           | 305           |
| CO, PUEBLO      | 274   | 642            | 712             | 578              | 1619               | 722          | 4547          |
| CO, RIO BLANCO  | 16  | 16             | 21              | 30               | 59                 | 34           | 176           |
| CO, RIO GRANDE  | 70  | 84             | 60              | 61               | 112                | 68           | 455           |
| CO, ROUTT       | 152   | 183            | 160             | 141              | 194                | 200          | 1030          |
| CO, SAGUACHE    | 29  | 46             | 26              | 33               | 40                 | 50           | 224           |
| CO, SAN JUAN    | 28  | 17             | 2               | 2                | 11                 | 13           | 73            |
| CO, SAN MIGUEL  | 150   | 114            | 65              | 53               | 88                 | 79           | 549           |
| CO, SEDGWICK    | 4   | 10             | 2               | 11               | 13                 | 8            | 48            |
| CO, SUMMIT      | 131   | 221            | 216             | 170              | 267                | 164          | 1169          |
| CO, TELLER      | 103   | 174            | 194             | 185              | 446                | 177          | 1279          |
| CO, WASHINGTON  | 8   | 24             | 24              | 28               | 64                 | 26           | 174           |
| CO, WELD        | 376   | 1018           | 1174            | 1181             | 2822               | 1051         | 7622          |
| CO, YUMA        | 18  | 49             | 47              | 61               | 111                | 66           | 352           |
| <b>TOTALS</b>   | <b>11114</b>                                  | <b>22860</b>   | <b>24832</b>    | <b>21047</b>     | <b>43977</b>       | <b>19721</b> | <b>143551</b> |

Exhibit 2-2b

Motorcycles by County and Size (Percent of Statewide Total)

| County          | Motorcycles in Colorado by Size (PERCENT OF COUNTY) |                |                 |                  |                    | Unknown      | Total         |
|-----------------|---|----------------|-----------------|------------------|--------------------|--------------|---------------|
|                 | 400cc or Less                                       | 401cc to 700cc | 701cc to 1000cc | 1001cc to 1300cc | Larger than 1300cc |              |               |
| CO, ADAMS       | 0.3%  | 1.1%           | 1.4%            | 1.1%             | 2.7%               | 1.0%         | 7.6%          |
| CO, ALAMOSA     | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.1%               | 0.1%         | 0.3%          |
| CO, ARAPAHOE    | 0.5%  | 1.4%           | 1.7%            | 1.4%             | 2.7%               | 1.0%         | 8.6%          |
| CO, ARCHULETA   | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.1%               | 0.0%         | 0.3%          |
| CO, BACA        | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.1%          |
| CO, BENT        | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.1%          |
| CO, BOULDER     | 0.6%  | 1.2%           | 1.1%            | 0.9%             | 1.3%               | 0.9%         | 6.1%          |
| CO, BROOMFIELD  | 0.1%  | 0.2%           | 0.2%            | 0.2%             | 0.3%               | 0.1%         | 0.9%          |
| CO, CHAFFEE     | 0.1%  | 0.1%           | 0.1%            | 0.1%             | 0.1%               | 0.1%         | 0.5%          |
| CO, CHEYENNE    | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.0%          |
| CO, CLEAR CREEK | 0.0%  | 0.1%           | 0.1%            | 0.0%             | 0.1%               | 0.1%         | 0.4%          |
| CO, CONEJOS     | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.1%               | 0.0%         | 0.2%          |
| CO, COSTILLA    | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.1%          |
| CO, CROWLEY     | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.0%          |
| CO, CUSTER      | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.1%          |
| CO, DELTA       | 0.1%  | 0.1%           | 0.1%            | 0.1%             | 0.2%               | 0.1%         | 0.7%          |
| CO, DENVER      | 0.4%  | 1.2%           | 1.3%            | 0.9%             | 1.8%               | 1.1%         | 6.7%          |
| CO, DOLORES     | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.0%          |
| CO, DOUGLAS     | 0.4%  | 0.8%           | 0.9%            | 0.9%             | 1.9%               | 0.5%         | 5.4%          |
| CO, EAGLE       | 0.1%  | 0.2%           | 0.2%            | 0.1%             | 0.3%               | 0.1%         | 1.0%          |
| CO, EL PASO     | 1.0%  | 2.1%           | 2.3%            | 1.8%             | 4.0%               | 1.5%         | 12.6%         |
| CO, ELBERT      | 0.1%  | 0.1%           | 0.1%            | 0.1%             | 0.3%               | 0.1%         | 0.8%          |
| CO, FREMONT     | 0.1%  | 0.2%           | 0.2%            | 0.2%             | 0.4%               | 0.2%         | 1.4%          |
| CO, GARFIELD    | 0.2%  | 0.2%           | 0.2%            | 0.2%             | 0.4%               | 0.2%         | 1.3%          |
| CO, GILPIN      | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.1%               | 0.0%         | 0.2%          |
| CO, GRAND       | 0.1%  | 0.1%           | 0.1%            | 0.1%             | 0.1%               | 0.1%         | 0.4%          |
| CO, GUNNISON    | 0.1%  | 0.1%           | 0.1%            | 0.1%             | 0.1%               | 0.1%         | 0.4%          |
| CO, HINSDALE    | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.0%          |
| CO, HUERFANO    | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.1%               | 0.0%         | 0.2%          |
| CO, JACKSON     | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.0%          |
| CO, JEFFERSON   | 1.0%  | 1.9%           | 2.2%            | 2.1%             | 4.3%               | 1.8%         | 13.4%         |
| CO, KIOWA       | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.0%          |
| CO, KIT CARSON  | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.1%               | 0.0%         | 0.2%          |
| CO, LA PLATA    | 0.2%  | 0.2%           | 0.3%            | 0.2%             | 0.5%               | 0.2%         | 1.6%          |
| CO, LAKE        | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.2%          |
| CO, LARIMER     | 0.5%  | 1.2%           | 1.3%            | 1.0%             | 2.0%               | 1.1%         | 7.2%          |
| CO, LAS ANIMAS  | 0.0%  | 0.0%           | 0.1%            | 0.0%             | 0.1%               | 0.0%         | 0.4%          |
| CO, LINCOLN     | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.1%          |
| CO, LOGAN       | 0.0%  | 0.1%           | 0.1%            | 0.1%             | 0.1%               | 0.1%         | 0.4%          |
| CO, MESA        | 0.2%  | 0.5%           | 0.5%            | 0.4%             | 0.9%               | 0.4%         | 2.9%          |
| CO, MINERAL     | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.0%          |
| CO, MOFFAT      | 0.0%  | 0.0%           | 0.1%            | 0.0%             | 0.1%               | 0.1%         | 0.3%          |
| CO, MONTEZUMA   | 0.0%  | 0.1%           | 0.1%            | 0.1%             | 0.2%               | 0.1%         | 0.5%          |
| CO, MONTROSE    | 0.1%  | 0.1%           | 0.1%            | 0.1%             | 0.2%               | 0.1%         | 0.8%          |
| CO, MORGAN      | 0.0%  | 0.1%           | 0.1%            | 0.1%             | 0.2%               | 0.1%         | 0.6%          |
| CO, OTERO       | 0.0%  | 0.1%           | 0.1%            | 0.1%             | 0.1%               | 0.1%         | 0.4%          |
| CO, OURAY       | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.2%          |
| CO, PARK        | 0.1%  | 0.1%           | 0.1%            | 0.1%             | 0.2%               | 0.1%         | 0.7%          |
| CO, PHILLIPS    | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.1%          |
| CO, PITKIN      | 0.2%  | 0.1%           | 0.1%            | 0.1%             | 0.1%               | 0.1%         | 0.7%          |
| CO, PROWERS     | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.1%               | 0.0%         | 0.2%          |
| CO, PUEBLO      | 0.2%  | 0.4%           | 0.5%            | 0.4%             | 1.1%               | 0.5%         | 3.2%          |
| CO, RIO BLANCO  | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.1%          |
| CO, RIO GRANDE  | 0.0%  | 0.1%           | 0.0%            | 0.0%             | 0.1%               | 0.0%         | 0.3%          |
| CO, ROUTT       | 0.1%  | 0.1%           | 0.1%            | 0.1%             | 0.1%               | 0.1%         | 0.7%          |
| CO, SAGUACHE    | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.2%          |
| CO, SAN JUAN    | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.1%          |
| CO, SAN MIGUEL  | 0.1%  | 0.1%           | 0.0%            | 0.0%             | 0.1%               | 0.1%         | 0.4%          |
| CO, SEDGWICK    | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.0%          |
| CO, SUMMIT      | 0.1%  | 0.2%           | 0.2%            | 0.1%             | 0.2%               | 0.1%         | 0.8%          |
| CO, TELLER      | 0.1%  | 0.1%           | 0.1%            | 0.1%             | 0.3%               | 0.1%         | 0.9%          |
| CO, WASHINGTON  | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.0%               | 0.0%         | 0.1%          |
| CO, WELD        | 0.3%  | 0.7%           | 0.8%            | 0.8%             | 2.0%               | 0.7%         | 5.3%          |
| CO, YUMA        | 0.0%  | 0.0%           | 0.0%            | 0.0%             | 0.1%               | 0.0%         | 0.2%          |
| <b>TOTALS</b>   | <b>7.7%</b>   | <b>15.9%</b>   | <b>17.3%</b>    | <b>14.7%</b>     | <b>30.6%</b>       | <b>13.7%</b> | <b>100.0%</b> |

Reading this exhibit: Each percentage is the percent of all motorcycles in the state that fall within that particular size/location combination. For example, in the top left corner, 0.3 percent of all motorcycles in the state are motorcycles located in Adams County that are 400cc or less.

Exhibit 2-2c.

Location of Large (>1000cc) Motorcycles in the State (Proportion of Statewide Total of Large Motorcycles)

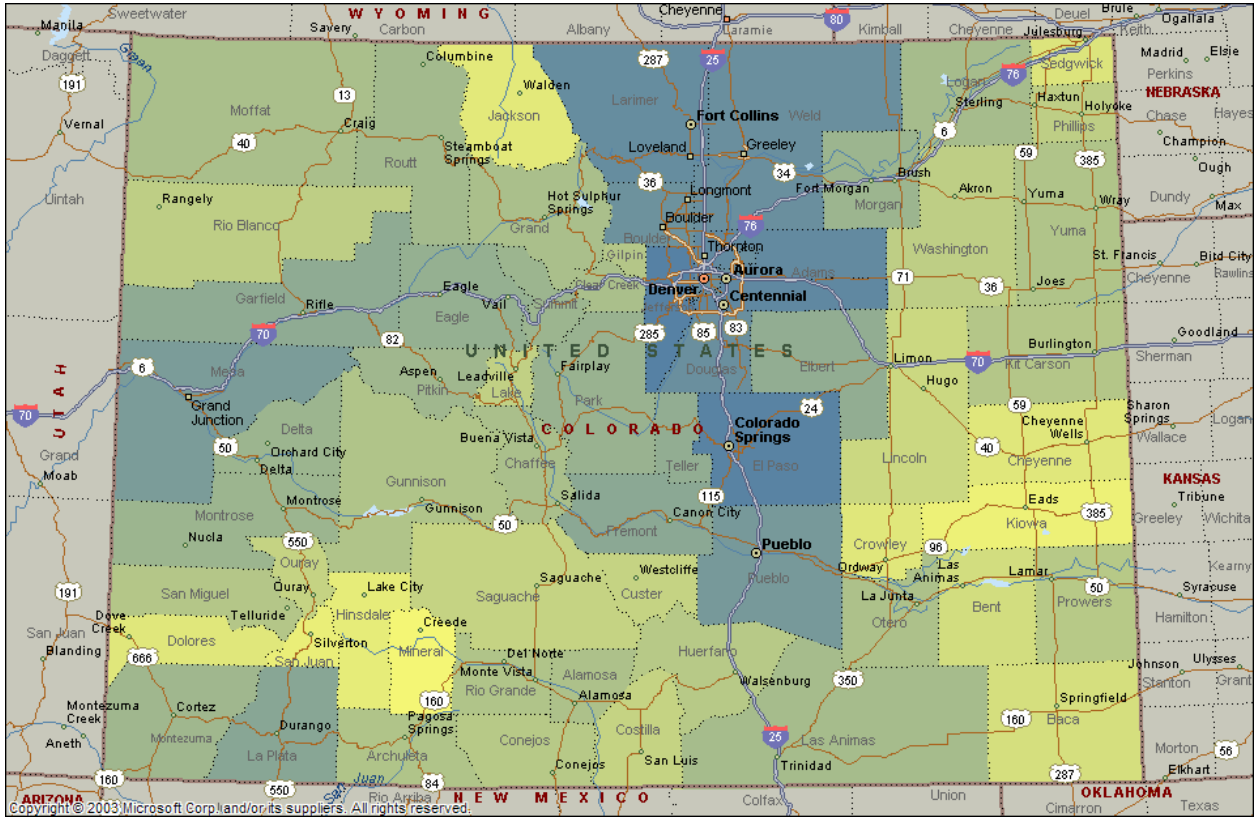
|                 | Statewide Proportion of Motorcycles Larger Than 1000cc |                 | Statewide Proportion of Motorcycles 1000cc or Smaller |
|-----------------|--|-----------------|---|
| CO, JEFFERSON   | 14.2%  | CO, EL PASO     | 13.2%   |
| CO, EL PASO     | 12.7%  | CO, JEFFERSON   | 12.5%   |
| CO, ARAPAHOE    | 8.9%   | CO, ARAPAHOE    | 8.9%  |
| CO, ADAMS       | 8.4%   | CO, LARIMER     | 7.5%  |
| CO, LARIMER     | 6.7%   | CO, BOULDER     | 7.2%  |
| CO, DOUGLAS     | 6.2%   | CO, DENVER      | 7.1%  |
| CO, WELD        | 6.2%   | CO, ADAMS       | 7.0%  |
| CO, DENVER      | 5.9%   | CO, DOUGLAS     | 5.2%  |
| CO, BOULDER     | 5.0%   | CO, WELD        | 4.4%  |
| CO, PUEBLO      | 3.4%   | CO, MESA        | 2.8%  |
| CO, MESA        | 2.9%   | CO, PUEBLO      | 2.8%  |
| CO, LA PLATA    | 1.6%   | CO, LA PLATA    | 1.7%  |
| CO, FREMONT     | 1.3%   | CO, GARFIELD    | 1.4%  |
| CO, GARFIELD    | 1.3%   | CO, FREMONT     | 1.3%  |
| CO, ELBERT      | 1.0%   | CO, EAGLE       | 1.2%  |
| CO, BROOMFIELD  | 1.0%   | CO, PITKIN      | 1.0%  |
| CO, TELLER      | 1.0%   | CO, BROOMFIELD  | 1.0%  |
| CO, EAGLE       | 0.9%   | CO, SUMMIT      | 1.0%  |
| CO, PARK        | 0.8%   | CO, MONTROSE    | 0.9%  |
| CO, SUMMIT      | 0.7%   | CO, ROUTT       | 0.8%  |
| CO, MONTROSE    | 0.7%   | CO, TELLER      | 0.8%  |
| CO, MORGAN      | 0.6%   | CO, ELBERT      | 0.7%  |
| CO, DELTA       | 0.6%   | CO, CHAFFEE     | 0.6%  |
| CO, MONTEZUMA   | 0.5%   | CO, PARK        | 0.6%  |
| CO, PITKIN      | 0.5%   | CO, DELTA       | 0.6%  |
| CO, ROUTT       | 0.5%   | CO, GUNNISON    | 0.6%  |
| CO, LAS ANIMAS  | 0.4%   | CO, SAN MIGUEL  | 0.6%  |
| CO, LOGAN       | 0.4%   | CO, MORGAN      | 0.5%  |
| CO, GRAND       | 0.4%   | CO, MONTEZUMA   | 0.5%  |
| CO, CHAFFEE     | 0.4%   | CO, LOGAN       | 0.4%  |
| CO, CLEAR CREEK | 0.4%   | CO, GRAND       | 0.4%  |
| CO, MOFFAT      | 0.3%   | CO, OTERO       | 0.4%  |
| CO, OTERO       | 0.3%   | CO, RIO GRANDE  | 0.4%  |
| CO, ALAMOSA     | 0.3%   | CO, CLEAR CREEK | 0.3%  |
| CO, ARCHULETA   | 0.3%   | CO, MOFFAT      | 0.3%  |
| CO, RIO GRANDE  | 0.3%   | CO, LAS ANIMAS  | 0.3%  |
| CO, YUMA        | 0.3%   | CO, ARCHULETA   | 0.3%  |
| CO, GUNNISON    | 0.3%   | CO, ALAMOSA     | 0.3%  |
| CO, GILPIN      | 0.2%   | CO, OURAY       | 0.2%  |
| CO, KIT CARSON  | 0.2%   | CO, PROWERS     | 0.2%  |
| CO, SAN MIGUEL  | 0.2%   | CO, GILPIN      | 0.2%  |
| CO, CONEJOS     | 0.2%   | CO, YUMA        | 0.2%  |
| CO, PROWERS     | 0.2%   | CO, CONEJOS     | 0.2%  |
| CO, HUERFANO    | 0.2%   | CO, SAGUACHE    | 0.2%  |
| CO, PHILLIPS    | 0.1%   | CO, CUSTER      | 0.2%  |
| CO, WASHINGTON  | 0.1%   | CO, KIT CARSON  | 0.2%  |
| CO, RIO BLANCO  | 0.1%   | CO, LAKE        | 0.2%  |
| CO, LAKE        | 0.1%   | CO, PHILLIPS    | 0.1%  |
| CO, OURAY       | 0.1%   | CO, HUERFANO    | 0.1%  |
| CO, COSTILLA    | 0.1%   | CO, WASHINGTON  | 0.1%  |
| CO, SAGUACHE    | 0.1%   | CO, RIO BLANCO  | 0.1%  |
| CO, CUSTER      | 0.1%   | CO, SAN JUAN    | 0.1%  |
| CO, LINCOLN     | 0.1%   | CO, BENT        | 0.1%  |
| CO, BENT        | 0.1%   | CO, BACA        | 0.1%  |
| CO, BACA        | 0.1%   | CO, DOLORES     | 0.1%  |
| CO, SEDGWICK    | 0.0%   | CO, LINCOLN     | 0.0%  |
| CO, DOLORES     | 0.0%   | CO, COSTILLA    | 0.0%  |
| CO, CHEYENNE    | 0.0%   | CO, HINSDALE    | 0.0%  |
| CO, CROWLEY     | 0.0%   | CO, CROWLEY     | 0.0%  |
| CO, JACKSON     | 0.0%   | CO, JACKSON     | 0.0%  |
| CO, HINSDALE    | 0.0%   | CO, CHEYENNE    | 0.0%  |
| CO, SAN JUAN    | 0.0%   | CO, KIOWA       | 0.0%  |
| CO, KIOWA       | 0.0%   | CO, SEDGWICK    | 0.0%  |
| CO, MINERAL     | 0.0%   | CO, MINERAL     | 0.0%  |
| <b>TOTALS</b>   | <b>100.0%</b>  |                 | <b>100.0%</b>   |

Reading this exhibit: Each column is independent, and represents the proportions of the state's motorcycles in that size range that are located in that county. For example, Jefferson County is home to 14.2 percent of the state's large motorcycles, but only 12.5 percent of the state's smaller motorcycles.

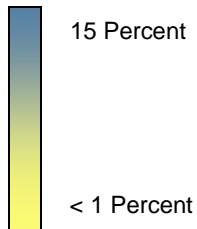


Map 2-2c.

Location of Large (>1000cc) Motorcycles in the State (Proportion of Statewide Total of Large Motorcycles)



Percent of Statewide Large (>1000cc) Motorcycles in each County



## Exhibit 2-2d

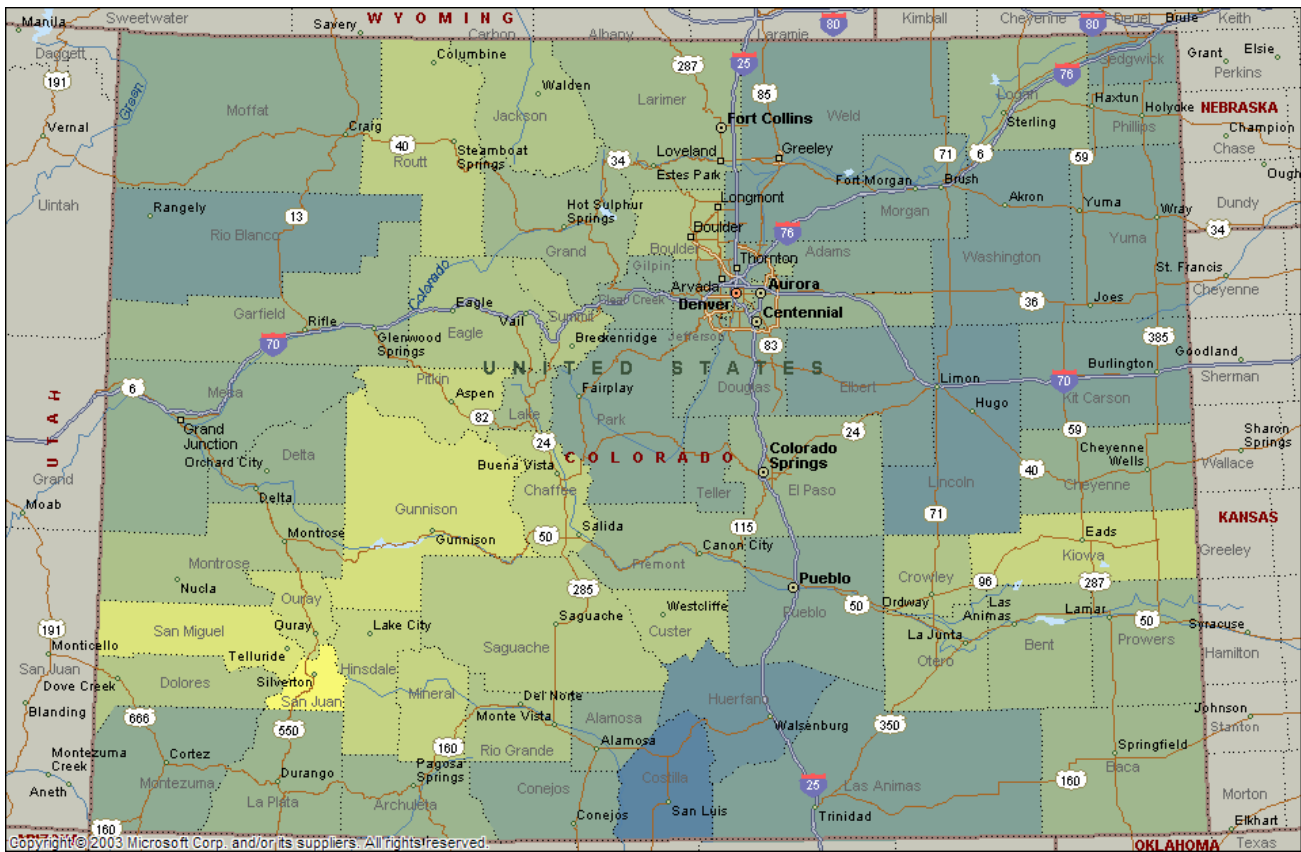
### Percent of Large (>1000cc) Motorcycles Compared to all Motorcycles in County

|                 | <b>% of Motorcycles That<br/>are Larger than 1000cc</b> |
|-----------------|---|
| CO, COSTILLA    | 72.8%   |
| CO, HUERFANO    | 66.3%   |
| CO, LINCOLN     | 64.6%   |
| CO, RIO BLANCO  | 62.7%   |
| CO, WASHINGTON  | 62.2%   |
| CO, ELBERT      | 61.6%   |
| CO, WELD        | 60.9%   |
| CO, LAS ANIMAS  | 60.4%   |
| CO, YUMA        | 60.1%   |
| CO, KIT CARSON  | 60.0%   |
| CO, SEDGWICK    | 60.0%   |
| CO, MORGAN      | 59.2%   |
| CO, PARK        | 57.6%   |
| CO, PUEBLO      | 57.4%   |
| CO, TELLER      | 57.3%   |
| CO, ADAMS       | 56.9%   |
| CO, DOUGLAS     | 56.9%   |
| CO, CONEJOS     | 56.8%   |
| CO, PHILLIPS    | 56.5%   |
| CO, GILPIN      | 56.1%   |
| CO, CLEAR CREEK | 56.0%   |
| CO, MONTEZUMA   | 55.8%   |
| CO, JEFFERSON   | 55.7%   |
| CO, MOFFAT      | 55.4%   |
| CO, ALAMOSA     | 54.9%   |
| CO, CHEYENNE    | 53.7%   |
| CO, MESA        | 53.4%   |
| CO, ARAPAHOE    | 52.7%   |
| CO, BROOMFIELD  | 52.6%   |
| CO, DELTA       | 52.5%   |
| CO, ARCHULETA   | 51.6%   |
| CO, FREMONT     | 51.5%   |
| CO, EL PASO     | 51.5%   |
| CO, LA PLATA    | 50.9%   |
| CO, GARFIELD    | 50.8%   |
| CO, PROWERS     | 50.2%   |
| CO, BACA        | 50.0%   |
| CO, LOGAN       | 49.9%   |
| CO, GRAND       | 49.8%   |
| CO, LARIMER     | 49.7%   |
| CO, BENT        | 48.1%   |
| CO, DENVER      | 48.0%   |
| CO, LAKE        | 47.5%   |
| CO, OTERO       | 46.6%   |
| CO, MONTROSE    | 46.3%   |
| CO, JACKSON     | 45.2%   |
| CO, CROWLEY     | 44.9%   |
| CO, EAGLE       | 44.8%   |
| CO, RIO GRANDE  | 44.7%   |
| CO, SUMMIT      | 43.5%   |
| CO, BOULDER     | 43.5%   |
| CO, DOLORES     | 43.4%   |
| CO, CUSTER      | 42.0%   |
| CO, SAGUACHE    | 42.0%   |
| CO, ROUTT       | 40.4%   |
| CO, CHAFFEE     | 39.3%   |
| CO, HINSDALE    | 37.8%   |
| CO, MINERAL     | 37.5%   |
| CO, PITKIN      | 37.2%   |
| CO, KIOWA       | 36.7%   |
| CO, OURAY       | 35.5%   |
| CO, GUNNISON    | 32.9%   |
| CO, SAN MIGUEL  | 30.0%   |
| CO, SAN JUAN    | 21.7%   |
| <b>Total</b>    | <b>52.5%</b>  |

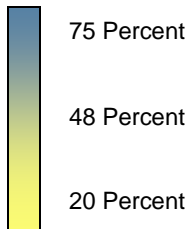
Reading this exhibit. Each figure relates only to motorcycles within the county. For example, 72.8 percent of the motorcycles in Costilla County are more than 1000cc in size.

Map 2-2d

Percent of Large (>1000cc) Motorcycles Compared to all Motorcycles in County



Percent of Large (>1000cc) Motorcycles to all Motorcycles in the County



### SECTION 3 AGE & BRAND OF MOTORCYCLES

This section of the survey examines the age of motorcycles in state of Colorado on a county-by-county basis. The first exhibit displays ownership by county, in terms of the model year of the motorcycles. These numbers are in raw form. The corresponding maps display the proportion of newer (defined as model year 2001 or later) motorcycles compared to all new motorcycles in the state, and all motorcycles in that county.

**Exhibit 3-1**

**Motorcycles by Age of Bike – Statewide Figures**

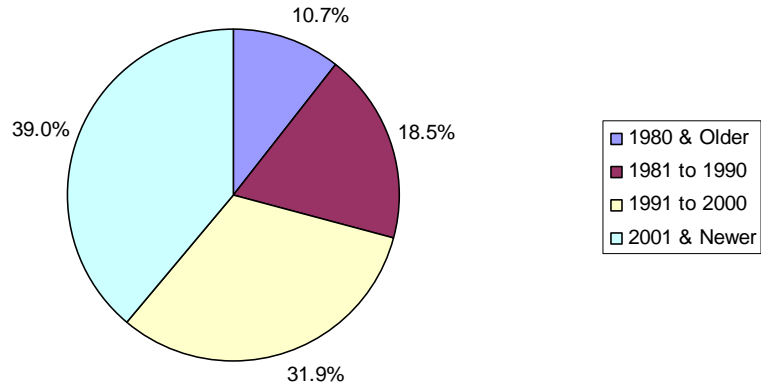


Exhibit 3-2a

Motorcycles by Age of Bike (Raw Numbers)

| County          | Motorcycles in Colorado by Age (RAW NUMBERS) |              |              |              | Total         |
|-----------------|--|--------------|--------------|--------------|---------------|
|                 | Year Range                                   |              |              |              |               |
|                 | 1980 & Older                                 | 1981 to 1990 | 1991 to 2000 | 2001 & Newer |               |
| CO, ADAMS       | 1021   | 1754         | 3560         | 4588         | 10923         |
| CO, ALAMOSA     | 70   | 92           | 120          | 153          | 435           |
| CO, ARAPAHOE    | 1057   | 2005         | 4090         | 5213         | 12365         |
| CO, ARCHULETA   | 54   | 88           | 133          | 137          | 412           |
| CO, BACA        | 19   | 33           | 23           | 17           | 92            |
| CO, BENT        | 19   | 24           | 31           | 27           | 101           |
| CO, BOULDER     | 1012   | 1864         | 2863         | 3057         | 8796          |
| CO, BROOMFIELD  | 118  | 241          | 444          | 556          | 1359          |
| CO, CHAFFEE     | 121  | 204          | 249          | 177          | 751           |
| CO, CHEYENNE    | 13   | 15           | 15           | 12           | 55            |
| CO, CLEAR CREEK | 81   | 97           | 156          | 191          | 525           |
| CO, CONEJOS     | 26   | 64           | 87           | 88           | 265           |
| CO, COSTILLA    | 20   | 27           | 44           | 45           | 136           |
| CO, CROWLEY     | 12   | 17           | 16           | 17           | 62            |
| CO, CUSTER      | 19   | 44           | 59           | 69           | 191           |
| CO, DELTA       | 188  | 236          | 284          | 257          | 965           |
| CO, DENVER      | 1183   | 1735         | 3003         | 3713         | 9634          |
| CO, DOLORES     | 15   | 14           | 27           | 15           | 71            |
| CO, DOUGLAS     | 447  | 1017         | 2488         | 3794         | 7746          |
| CO, EAGLE       | 139  | 204          | 517          | 609          | 1469          |
| CO, EL PASO     | 1590   | 3146         | 5606         | 7811         | 18153         |
| CO, ELBERT      | 92   | 212          | 396          | 455          | 1155          |
| CO, FREMONT     | 283  | 436          | 564          | 669          | 1952          |
| CO, GARFIELD    | 197  | 390          | 596          | 696          | 1879          |
| CO, GILPIN      | 60   | 75           | 95           | 105          | 335           |
| CO, GRAND       | 106  | 144          | 188          | 195          | 633           |
| CO, GUNNISON    | 80   | 116          | 207          | 204          | 607           |
| CO, HINSDALE    | 9  | 11           | 16           | 18           | 54            |
| CO, HUERFANO    | 33   | 57           | 65           | 65           | 220           |
| CO, JACKSON     | 7  | 8            | 15           | 19           | 49            |
| CO, JEFFERSON   | 1992   | 3431         | 6331         | 7431         | 19185         |
| CO, KIOWA       | 8  | 8            | 12           | 11           | 39            |
| CO, KIT CARSON  | 31   | 67           | 96           | 88           | 282           |
| CO, LA PLATA    | 266  | 423          | 770          | 878          | 2337          |
| CO, LAKE        | 39   | 67           | 61           | 58           | 225           |
| CO, LARIMER     | 1192   | 2151         | 3253         | 3700         | 10296         |
| CO, LAS ANIMAS  | 59   | 127          | 169          | 169          | 524           |
| CO, LINCOLN     | 21   | 24           | 28           | 36           | 109           |
| CO, LOGAN       | 98   | 142          | 159          | 221          | 620           |
| CO, MESA        | 539  | 950          | 1188         | 1500         | 4177          |
| CO, MINERAL     | 5  | 9            | 9            | 7            | 30            |
| CO, MOFFAT      | 59   | 83           | 162          | 178          | 482           |
| CO, MONTEZUMA   | 103  | 167          | 220          | 252          | 742           |
| CO, MONTROSE    | 161  | 231          | 363          | 369          | 1124          |
| CO, MORGAN      | 108  | 212          | 241          | 263          | 824           |
| CO, OTERO       | 109  | 160          | 163          | 154          | 586           |
| CO, OURAY       | 32   | 53           | 93           | 81           | 259           |
| CO, PARK        | 137  | 184          | 346          | 372          | 1039          |
| CO, PHILLIPS    | 27   | 45           | 57           | 75           | 204           |
| CO, PITKIN      | 118  | 206          | 378          | 372          | 1074          |
| CO, PROWERS     | 49   | 89           | 82           | 85           | 305           |
| CO, PUEBLO      | 591  | 814          | 1389         | 1753         | 4547          |
| CO, RIO BLANCO  | 33   | 33           | 48           | 62           | 176           |
| CO, RIO GRANDE  | 59   | 100          | 130          | 166          | 455           |
| CO, ROUTT       | 173  | 231          | 306          | 320          | 1030          |
| CO, SAGUACHE    | 35   | 52           | 56           | 81           | 224           |
| CO, SAN JUAN    | 8  | 21           | 20           | 24           | 73            |
| CO, SAN MIGUEL  | 60   | 109          | 204          | 176          | 549           |
| CO, SEDGWICK    | 7  | 15           | 14           | 12           | 48            |
| CO, SUMMIT      | 117  | 205          | 409          | 438          | 1169          |
| CO, TELLER      | 141  | 254          | 423          | 461          | 1279          |
| CO, WASHINGTON  | 25   | 45           | 58           | 46           | 174           |
| CO, WELD        | 781  | 1400         | 2454         | 2987         | 7622          |
| CO, YUMA        | 54   | 87           | 91           | 120          | 352           |
| <b>TOTALS</b>   | <b>15328</b>                                 | <b>26565</b> | <b>45740</b> | <b>55918</b> | <b>143551</b> |

Exhibit 3-2b

Motorcycles by County and Age of Bike (Percent of Statewide Total)

| County          | Motorcycles in Colorado by Age (PERCENT OF TOTAL) |              |              |              | Total         |
|-----------------|---|--------------|--------------|--------------|---------------|
|                 | 1980 & Older                                      | 1981 to 1990 | 1991 to 2000 | 2001 & Newer |               |
| CO, ADAMS       | 0.7%  | 1.2%         | 2.5%         | 3.2%         | 7.6%          |
| CO, ALAMOSA     | 0.0%  | 0.1%         | 0.1%         | 0.1%         | 0.3%          |
| CO, ARAPAHOE    | 0.7%  | 1.4%         | 2.8%         | 3.6%         | 8.6%          |
| CO, ARCHULETA   | 0.0%  | 0.1%         | 0.1%         | 0.1%         | 0.3%          |
| CO, BACA        | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.1%          |
| CO, BENT        | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.1%          |
| CO, BOULDER     | 0.7%  | 1.3%         | 2.0%         | 2.1%         | 6.1%          |
| CO, BROOMFIELD  | 0.1%  | 0.2%         | 0.3%         | 0.4%         | 0.9%          |
| CO, CHAFFEE     | 0.1%  | 0.1%         | 0.2%         | 0.1%         | 0.5%          |
| CO, CHEYENNE    | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.0%          |
| CO, CLEAR CREEK | 0.1%  | 0.1%         | 0.1%         | 0.1%         | 0.4%          |
| CO, CONEJOS     | 0.0%  | 0.0%         | 0.1%         | 0.1%         | 0.2%          |
| CO, COSTILLA    | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.1%          |
| CO, CROWLEY     | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.0%          |
| CO, CUSTER      | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.1%          |
| CO, DELTA       | 0.1%  | 0.2%         | 0.2%         | 0.2%         | 0.7%          |
| CO, DENVER      | 0.8%  | 1.2%         | 2.1%         | 2.6%         | 6.7%          |
| CO, DOLORES     | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.0%          |
| CO, DOUGLAS     | 0.3%  | 0.7%         | 1.7%         | 2.6%         | 5.4%          |
| CO, EAGLE       | 0.1%  | 0.1%         | 0.4%         | 0.4%         | 1.0%          |
| CO, EL PASO     | 1.1%  | 2.2%         | 3.9%         | 5.4%         | 12.6%         |
| CO, ELBERT      | 0.1%  | 0.1%         | 0.3%         | 0.3%         | 0.8%          |
| CO, FREMONT     | 0.2%  | 0.3%         | 0.4%         | 0.5%         | 1.4%          |
| CO, GARFIELD    | 0.1%  | 0.3%         | 0.4%         | 0.5%         | 1.3%          |
| CO, GILPIN      | 0.0%  | 0.1%         | 0.1%         | 0.1%         | 0.2%          |
| CO, GRAND       | 0.1%  | 0.1%         | 0.1%         | 0.1%         | 0.4%          |
| CO, GUNNISON    | 0.1%  | 0.1%         | 0.1%         | 0.1%         | 0.4%          |
| CO, HINSDALE    | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.0%          |
| CO, HUERFANO    | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.2%          |
| CO, JACKSON     | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.0%          |
| CO, JEFFERSON   | 1.4%  | 2.4%         | 4.4%         | 5.2%         | 13.4%         |
| CO, KIOWA       | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.0%          |
| CO, KIT CARSON  | 0.0%  | 0.0%         | 0.1%         | 0.1%         | 0.2%          |
| CO, LA PLATA    | 0.2%  | 0.3%         | 0.5%         | 0.6%         | 1.6%          |
| CO, LAKE        | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.2%          |
| CO, LARIMER     | 0.8%  | 1.5%         | 2.3%         | 2.6%         | 7.2%          |
| CO, LAS ANIMAS  | 0.0%  | 0.1%         | 0.1%         | 0.1%         | 0.4%          |
| CO, LINCOLN     | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.1%          |
| CO, LOGAN       | 0.1%  | 0.1%         | 0.1%         | 0.2%         | 0.4%          |
| CO, MESA        | 0.4%  | 0.7%         | 0.8%         | 1.0%         | 2.9%          |
| CO, MINERAL     | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.0%          |
| CO, MOFFAT      | 0.0%  | 0.1%         | 0.1%         | 0.1%         | 0.3%          |
| CO, MONTEZUMA   | 0.1%  | 0.1%         | 0.2%         | 0.2%         | 0.5%          |
| CO, MONTROSE    | 0.1%  | 0.2%         | 0.3%         | 0.3%         | 0.8%          |
| CO, MORGAN      | 0.1%  | 0.1%         | 0.2%         | 0.2%         | 0.6%          |
| CO, OTERO       | 0.1%  | 0.1%         | 0.1%         | 0.1%         | 0.4%          |
| CO, OURAY       | 0.0%  | 0.0%         | 0.1%         | 0.1%         | 0.2%          |
| CO, PARK        | 0.1%  | 0.1%         | 0.2%         | 0.3%         | 0.7%          |
| CO, PHILLIPS    | 0.0%  | 0.0%         | 0.0%         | 0.1%         | 0.1%          |
| CO, PITKIN      | 0.1%  | 0.1%         | 0.3%         | 0.3%         | 0.7%          |
| CO, PROWERS     | 0.0%  | 0.1%         | 0.1%         | 0.1%         | 0.2%          |
| CO, PUEBLO      | 0.4%  | 0.6%         | 1.0%         | 1.2%         | 3.2%          |
| CO, RIO BLANCO  | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.1%          |
| CO, RIO GRANDE  | 0.0%  | 0.1%         | 0.1%         | 0.1%         | 0.3%          |
| CO, ROUTT       | 0.1%  | 0.2%         | 0.2%         | 0.2%         | 0.7%          |
| CO, SAGUACHE    | 0.0%  | 0.0%         | 0.0%         | 0.1%         | 0.2%          |
| CO, SAN JUAN    | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.1%          |
| CO, SAN MIGUEL  | 0.0%  | 0.1%         | 0.1%         | 0.1%         | 0.4%          |
| CO, SEDGWICK    | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.0%          |
| CO, SUMMIT      | 0.1%  | 0.1%         | 0.3%         | 0.3%         | 0.8%          |
| CO, TELLER      | 0.1%  | 0.2%         | 0.3%         | 0.3%         | 0.9%          |
| CO, WASHINGTON  | 0.0%  | 0.0%         | 0.0%         | 0.0%         | 0.1%          |
| CO, WELD        | 0.5%  | 1.0%         | 1.7%         | 2.1%         | 5.3%          |
| CO, YUMA        | 0.0%  | 0.1%         | 0.1%         | 0.1%         | 0.2%          |
| <b>TOTALS</b>   | <b>10.7%</b>                                      | <b>18.5%</b> | <b>31.9%</b> | <b>39.0%</b> | <b>100.0%</b> |

Reading this exhibit: Each percentage is the percent of all motorcycles in the state that fall within that particular size/location combination. For example, in the top left corner, 0.7 percent of all motorcycles in the state are motorcycles located in Adams County that were built in 1980 or earlier.

Exhibit 3-2c

Percent of New (2001 or Newer) Motorcycles Compared to all Motorcycles in County

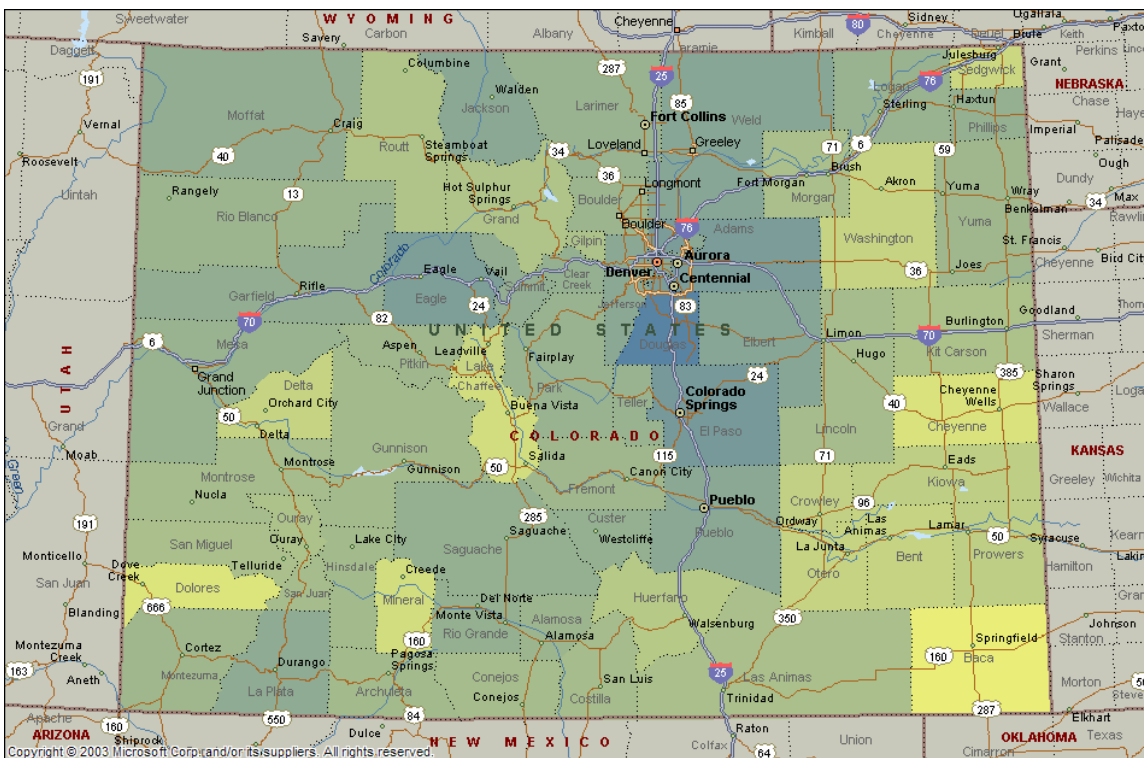
| Newer           | Percent of Motorcycles That<br>Are Year 2001 or Newer |
|-----------------|---|
| CO, DOUGLAS     | 49%   |
| CO, EL PASO     | 43%   |
| CO, ARAPAHOE    | 42%   |
| CO, ADAMS       | 42%   |
| CO, EAGLE       | 41%   |
| CO, BROOMFIELD  | 41%   |
| CO, ELBERT      | 39%   |
| CO, WELD        | 39%   |
| CO, JACKSON     | 39%   |
| CO, JEFFERSON   | 39%   |
| CO, PUEBLO      | 39%   |
| CO, DENVER      | 39%   |
| CO, LA PLATA    | 38%   |
| CO, SUMMIT      | 37%   |
| CO, GARFIELD    | 37%   |
| CO, MOFFAT      | 37%   |
| CO, PHILLIPS    | 37%   |
| CO, RIO GRANDE  | 36%   |
| CO, CLEAR CREEK | 36%   |
| CO, SAGUACHE    | 36%   |
| CO, CUSTER      | 36%   |
| CO, TELLER      | 36%   |
| CO, LARIMER     | 36%   |
| CO, MESA        | 36%   |
| CO, PARK        | 36%   |
| CO, LOGAN       | 36%   |
| CO, RIO BLANCO  | 35%   |
| CO, ALAMOSA     | 35%   |
| CO, BOULDER     | 35%   |
| CO, PITKIN      | 35%   |
| CO, FREMONT     | 34%   |
| CO, YUMA        | 34%   |
| CO, MONTEZUMA   | 34%   |
| CO, GUNNISON    | 34%   |
| CO, HINSDALE    | 33%   |
| CO, ARCHULETA   | 33%   |
| CO, CONEJOS     | 33%   |
| CO, COSTILLA    | 33%   |
| CO, LINCOLN     | 33%   |
| CO, SAN JUAN    | 33%   |
| CO, MONTROSE    | 33%   |
| CO, LAS ANIMAS  | 32%   |
| CO, SAN MIGUEL  | 32%   |
| CO, MORGAN      | 32%   |
| CO, GILPIN      | 31%   |
| CO, OURAY       | 31%   |
| CO, KIT CARSON  | 31%   |
| CO, ROUTT       | 31%   |
| CO, GRAND       | 31%   |
| CO, HUERFANO    | 30%   |
| CO, KIOWA       | 28%   |
| CO, PROWERS     | 28%   |
| CO, CROWLEY     | 27%   |
| CO, BENT        | 27%   |
| CO, DELTA       | 27%   |
| CO, WASHINGTON  | 26%   |
| CO, OTERO       | 26%   |
| CO, LAKE        | 26%   |
| CO, SEDGWICK    | 25%   |
| CO, CHAFFEE     | 24%   |
| CO, MINERAL     | 23%   |
| CO, CHEYENNE    | 22%   |
| CO, DOLORES     | 21%   |
| CO, BACA        | 18%   |
| <b>TOTALS</b>   | <b>39%</b>  |

Reading this exhibit. Each figure relates only to motorcycles within the county. For example, 49 percent of the motorcycles in Douglas County were built in 2001 or later.



Map 3-2c

Percent of New (2001 or Newer) Motorcycles Compared to all Motorcycles in County



Percent of New (2001 or Newer) Motorcycles to all Motorcycles in County

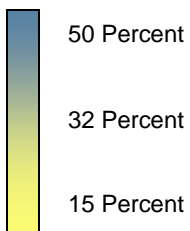


Exhibit 3-3

Motorcycle Brands – Statewide Figures

| <b>Make Name</b>     | <b>Total</b> | <b>Percent of Total</b> |
|----------------------|--------------|-------------------------|
| HONDA                | 5789         | 25.6%                   |
| HARLEY-DAVIDSON      | 4808         | 21.3%                   |
| YAMAHA               | 3071         | 13.6%                   |
| KAWASAKI             | 2903         | 12.8%                   |
| SUZUKI               | 2371         | 10.5%                   |
| BMW                  | 1411         | 6.2%                    |
| TRIUMPH              | 426          | 1.9%                    |
| DUCATI               | 400          | 1.8%                    |
| KTM                  | 316          | 1.4%                    |
| BUELL                | 254          | 1.1%                    |
| POLARIS              | 161          | 0.7%                    |
| INDIAN               | 129          | 0.6%                    |
| APRILIA              | 117          | 0.5%                    |
| BIG DOG              | 115          | 0.5%                    |
| OTHER MOTORCYCLES    | 64           | 0.3%                    |
| AMERICAN IRON HORSE  | 51           | 0.2%                    |
| MOTO GUZZI           | 51           | 0.2%                    |
| ATK                  | 42           | 0.2%                    |
| VESPA                | 42           | 0.2%                    |
| HUSABERG             | 26           | 0.1%                    |
| CAGIVA               | 24           | 0.1%                    |
| HUSQVARNA            | 18           | 0.1%                    |
| MTRRAD UND ZWEIRDWRK | 17           | 0.1%                    |
| DERBY                | 4            | 0.0%                    |
| ZONGSHEN AMERICA     | 2            | 0.0%                    |