

Motorcycle Operator Safety Training Program



Annual Report **FY 2010**



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MOST Mission and Vision

This publication is the second MOST Annual Report. The statistics cited in this report are up to date for FY 2010, though the data may reflect a combination of state and federal fiscal years. The MOST program is state funded with no funding from other sources.

Mission

The mission of the Motorcycle Operator Safety Training (MOST) program is to subsidize accessible, high quality, low cost motorcycle training to Colorado residents and active duty military personnel. The program focuses on training as the first step a rider can take to riding safer and riding for longer.

Vision

The vision of the MOST program is to ensure that all motorcyclists in Colorado are trained and properly licensed.

Providing a learning environment in which students can benefit from the knowledge and skills of highly experienced trainers/riders is key to the success of the MOST program.



Executive Summary

Colorado Statute requires the Colorado Department of Transportation to administer a motorcycle training program to be offered to all Colorado citizens and active duty military personnel. The MOST program sets standards for the certification of rider training curricula in Colorado. MOST contracts with training organizations throughout Colorado for the purpose of delivering training. (See Appendix A for a copy of CRS 43-5-502 to 504.)

The program is governed by the MOST Rules and Regulations which can be found in *Rules and Regulations to Establish, Implement and Administer a Motorcycle Operator Safety Training (MOST) Program* - 2 CCR 602-3.

As the number of motorcycle registrations in Colorado increase, the number of motorcycle endorsements on drivers' licenses increase as well. The focus of the MOST program is to train as many new riders as possible, and encourage all riders to get motorcycle endorsements on their Colorado driver's licenses.

The MOST program is committed to reducing the number of motorcycle crashes by encouraging motorcyclists to be trained by a certified professional trainer. CDOT maintains a website called "Live to Ride" which offers both new and experienced riders the opportunity to look at the motorcycling community as a fellowship that believes, first and foremost, in rider safety.



2010 Program Highlights

Motorcycle fatalities continue to drop, despite increases in the number of registrations

The number of motorcycle fatalities in 2010 was 82. This number is down 7% from 2009 (with 88 fatalities), and down 15% from a record high of 98 in 2008

9,296 riders were trained in the Basic and Experienced Rider courses

947 Motorcycle Operator Safety Training courses were offered in 15 Colorado counties from July 1, 2009 to June 30, 2010

Motorcycle Operator Safety Training courses were offered at 35 locations by 12 certified training organizations using 150 training instructors and coaches



2010 Motorcycle Data

- Motorcycles represent 3% of the state's total registered vehicles, yet motorcycle riders comprise 18% of the state's total 448 traffic fatalities
- 33% of deaths were alcohol related, down 10% from 2009
- In 66% of fatalities, no helmet was worn or an improper helmet was worn
- 28% of fatalities had no motorcycle endorsement on their drivers' licenses, which is against the law
- Motorcycle registrations rose with 177,190 motorcycle registered in 2010, a 2.5% increase from 2009
- 56% of the fatal motorcycle crashes involved only the motorcycle and no other vehicle
- 70% of fatalities were over the age of 40

Fatalities by age group:

| | |
|-------------|----------|
| Under 18 | 1 |
| 20's | 13 |
| 30's | 11 |
| 40's | 25 |
| 50's | 21 |
| 60's | 7 |
| <u>70's</u> | <u>4</u> |
| Total | 82 |



2010 Motorcycle Fatality Data by County

| County | Rider | Passenger | Alcohol Related | No Helmet | Male | Female | Motorcycle License Endorsed | At Fault | Total County |
|-------------------------|------------|------------|-----------------|------------|------------|------------|-----------------------------|------------|--------------|
| Adams | 4 | 2 | 3 | 5 | 5 | 1 | 4 | 4 | 6 |
| Arapahoe | 2 | | 1 | 2 | 2 | | 1 | 2 | 2 |
| Bent | 1 | | | 1 | 1 | | 1 | 1 | 1 |
| Boulder | 5 | | | | 5 | | 5 | 2 | 5 |
| Custer | 1 | | | | 1 | | 1 | 1 | 1 |
| Denver | 8 | 1 | 2 | 7 | 8 | 1 | 6 | 4 | 9 |
| Dolores | 3 | | 1 | 1 | 3 | | 3 | 1 | 3 |
| Douglas | 2 | | 2 | 1 | 2 | | 2 | 2 | 2 |
| El Paso | 8 | | 3 | 6 | 7 | 1 | 6 | 6 | 8 |
| Garfield | 4 | | 1 | 2 | 3 | 1 | 3 | 4 | 4 |
| Gunnison | 2 | | | | 1 | 1 | 2 | 2 | 2 |
| Jefferson | 7 | 1 | 2 | 5 | 7 | 1 | 7 | 5 | 8 |
| Lake | 1 | | | 1 | 1 | | 1 | 1 | 1 |
| La Plata | 2 | 1 | | 3 | 2 | 1 | 2 | 3 | 3 |
| Larimer | 4 | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 5 |
| Mesa | 1 | | | 1 | 1 | | 1 | | 1 |
| Moffat | 1 | | 1 | | 1 | | 1 | 1 | 1 |
| Montrose | 1 | | | | 1 | | | 1 | 1 |
| Morgan | 1 | | | 1 | 1 | | 1 | 1 | 1 |
| Park | 1 | | | | 1 | | | 1 | 1 |
| Pitkin | 1 | | 1 | 1 | 1 | | 1 | 1 | 1 |
| Pueblo | 5 | 3 | 5 | 8 | 5 | 3 | 4 | 5 | 8 |
| Summit | 1 | | | 1 | 1 | | | 1 | 1 |
| Weld | 6 | 1 | 4 | 7 | 6 | 1 | 4 | 6 | 7 |
| TOTAL | 72 | 10 | 27 | 54 | 68 | 14 | 59 | 58 | 82 |
| Percent of Total | 88% | 12% | 33% | 66% | 83% | 17% | 72% | 71% | |

Source: Colorado FARS (as reported to NHTSA)

Note: 2010 Alcohol-related data is preliminary

Note: All passengers (non drivers) are credited with the driver's Endorsement and At-Fault status

Training Contractors and Sponsors

The MOST program began in 1991 with three training contractors. In 2010, the program consisted of 12 contractors using 150 Rider Coaches at 45 locations. They train approximately 10,000 new and experienced riders each year. The MOST certified sponsors offer training year round; however, peak training times are spring, summer and fall. The state certified training contractors are permitted to charge a competitive fee for their services. Current fees range from \$180.00 to \$250.00 depending on the amount set by the contractor. These fees also will vary according to the time of year and other factors determined by the training facilities.

All MOST certified contractors are subject to the MOST Rules and Regulations as defined in 2 CCR 602-3:

1. Authority and Purpose
2. Definitions
3. Program Sponsor Application Requirements
4. Program Sponsor Certification Requirements
5. Program Instructor Certification Requirements
6. Maintenance of Program Instructor Certification
7. Program Instructor Training
8. Approved Motorcycle Operator Safety Training Courses
9. Motorcycle Requirements
10. Program Range Requirements
11. Quality Assurance
12. Program Funds and Contract Procedures
13. Denial, Suspension and Revocation of Certification
14. Notice and Hearing Requirements



Instructors

The Basic Rider Courses and Experienced Rider Courses are conducted by approximately 150 State of Colorado Certified Training Instructors/Riders/Coaches.

State of Colorado Certified Training Curricula

In FY 2010 the MOST program offered three motorcycle training curricula. All are Motorcycle Safety Foundation (MSF) certified courses.

Basic Rider Course (BRC)

The Basic Rider course is the best place for a new rider to start, once they've made the decision to ride. Successful completion of this course including both knowledge and skill tests, consists of approximately five hours of classroom and 10 hours of on-cycle instruction, conducted over two or three sessions. This course may serve as a license test waiver program in some states. Motorcycles and helmets are provided for the students' use during the course. A course completion card may provide a rider with an insurance discount. In some states, this course may lead to only a motorcycle permit, and may require completion of the BRC2 to obtain full licensure.

Basic Rider Course 2 - License Waiver (BRC2-LW)

Formerly known as part of the Experienced Rider Suite, this course is for riders who already have basic skills. It is similar to the BRC except the speeds are higher and riders should be riding their own motorcycle. It is an excellent refresher course for practicing and renewing basic riding skills. There is an informal classroom component that discusses safety concepts based on past riding experiences and current knowledge. For a BRC2 that does not include the license waiver component (no classroom activities and no knowledge or skill test), there is a skills practice course.

Basic Rider Course 2 - Skills Practice (BRC2-SP)

This course is similar to the BRC2 - License Waiver Rider Course, but consists of only the riding exercises. It is a perfect way to reinforce basic skills on one's personal motorcycle. Passengers are permitted with a licensed operator on a personal motorcycle during these riding exercises.

Advanced Rider Course (ARC)

This one-day course (formerly called the Experienced Rider Course) complements a rider's basic skills and helps with personal risk assessment. It includes a fast-paced classroom segment with several interactive activities to improve perception and hazard awareness. Range exercises enhance both basic skills and crash avoidance skills. Improving braking and cornering finesse is emphasized. The course is beneficial for riders on any type of street motorcycle.

Motorcycle Operator Safety Training Funding

The MOST program provides tuition reimbursement to students and is funded by a \$2.00 fee collected on motorcycle endorsements and a \$4.00 fee collected on motorcycle registrations.

Colorado statutes mandate that funds not spent during the Fiscal Year are rolled over to the next Fiscal Year operating cycle. The MOST program is set up to distribute funding to CDOT in three areas:

- MOST Administration –maximum of 15% of available funds
- MOST Out of State Travel - \$3,000.00 per FY (Included in MOST Administration)
- MOST Contracts

The 15% administrative fee is calculated using the MOST total budget for the Fiscal Year before any carry forward is added to the fund. The administrative costs for the program are outlined in the MOST Rules and Regulations, Section 12, paragraph A, subsection 1:

“The administrative costs directly related to the MOST program, including personal services costs, operating costs, capital equipment costs and travel costs in accordance with applicable state law and fiscal rules, but in no event shall the office expend more than fifteen percent of the total cost of the program for administrative costs.”

FY 2010 MOST Program Budget

| | |
|--------------------------------|------------------------|
| MOST Administration | \$ 95,962.00 |
| New Funding (contracts) | \$ 543,783.00 |
| Carry Forward from prior years | \$ 414,979.00 |
| Total | \$ 1,054,724.00 |
| Less Contracts | \$ (471,238.71) |
| Less Administration | \$ (81,090.12) |
| Balance | \$ 502,395.17 |



Appendix A: CRS 43-5-502 to 504

43-5-502. Motorcycle operator safety training program.

- (1)(a)(I) The office shall establish a motorcycle operator safety training program which shall include courses to develop the knowledge, attitudes, habits, and skills necessary for the safe operation of a motorcycle. Such program shall include instruction relating to the effects of alcohol and drugs on the operation of motorcycles, and it shall include a course to train instructors. The office shall set standards for the certification of courses in the program. The office shall contract with vendors for the purpose of providing the program.
- (II) The following individuals may enroll in a certified motorcycle operator safety training course:
- (A) Any resident of the state who holds a current valid Colorado driver's license, a minor driver's license, or an instruction permit authorized by section 42-2-106, C.R.S.; or
 - (B) Any individual who is a member of the armed forces, who has moved to Colorado on a permanent change of station basis, and who holds a valid driver's license issued by another state.
- (III) The charge for enrollment in the certified motorcycle operator training course shall be the same regardless of whether an individual qualifies for the course pursuant to sub-subparagraph (A) or (B) of subparagraph (II) of this paragraph (a).
- (b) The director may certify any person meeting the applicable standards as an instructor training specialist to assist in establishing motorcycle operator safety training courses throughout the state, in implementing the program, and in training and monitoring instructors.
 - (c) The director shall designate a program coordinator to implement and administer the program. In no event shall the office expend more than fifteen percent of the total cost of the program for administrative costs.
 - (d) The office shall adopt such rules and regulations as are necessary to carry out the provisions of the program pursuant to article 4 of title 24, C.R.S.
- (2) The office shall begin implementation of this part 5 on November 1, 1990, or when the moneys in the fund are sufficient to pay for the costs of implementing the program, whichever is later. However, operation of courses in the program shall commence no later than July 1, 1991.

Source: L. 94: Entire part added with relocations, p. 2540, § 4, effective January 1, 1995. L. 2000: (1)(a)(II) amended, p. 1360, § 44, effective July 1. L. 2007: (1)(a)(II) amended and (1)(a)(III) added, p. 855, § 1, effective August 3.

Appendix A: Continued

43-5-503. Instructor requirements and training.

- (1) The office shall establish standards for an approved instructor training course. Successful completion of the course shall require the participant to demonstrate knowledge of course material, knowledge of safe motorcycle operating practices, and the necessary aptitude for instructing students.
- (2) Each applicant for an instructor certificate shall be at least twenty-one years of age and hold a valid Colorado driver's license endorsed for motorcycles, which license has not been revoked or suspended within the three years preceding the date on which the application for certification is made.
- (3) No applicant shall be certified as an instructor if, within the three years preceding the date on which the application for certification is made:
 - (a) The applicant was convicted for an offense which is assigned eight or more points in the point system schedule, as specified in section 42-2-127 (5), C.R.S., or its equivalent in another state; or
 - (b) The applicant's driver's license from any other state was revoked or suspended.
- (4) The office shall prescribe the form for an approved instructor certificate and shall provide for verification that a certified instructor is currently active in the program. No instructor shall participate in the program without a current certificate

Source: L. 94: Entire part added with relocations, p. 2540, § 4, effective January 1, 1995.

43-5-504. Motorcycle operator safety training fund.

There is hereby created in the state treasury a motorcycle operator safety training fund which shall consist of moneys collected pursuant to sections 42-2-114 (2) (b) and (4) (b), 42-2-118 (1) (b) (II), and 42-3-304 (4), C.R.S. The moneys in the fund shall be available immediately, without further appropriation, for allocation by the transportation commission to the office of transportation safety to be used for the implementation and administration of the program. Moneys credited to the fund shall remain therein at the end of each fiscal year and shall not be transferred to any other fund.

Source: L. 94: Entire part added with relocations, p. 2541, § 4, effective January 1, 1995. L. 2000: Entire section amended, p. 262, § 5, effective July 1. L. 2005: Entire section amended, p. 1185, § 39, effective August 8.

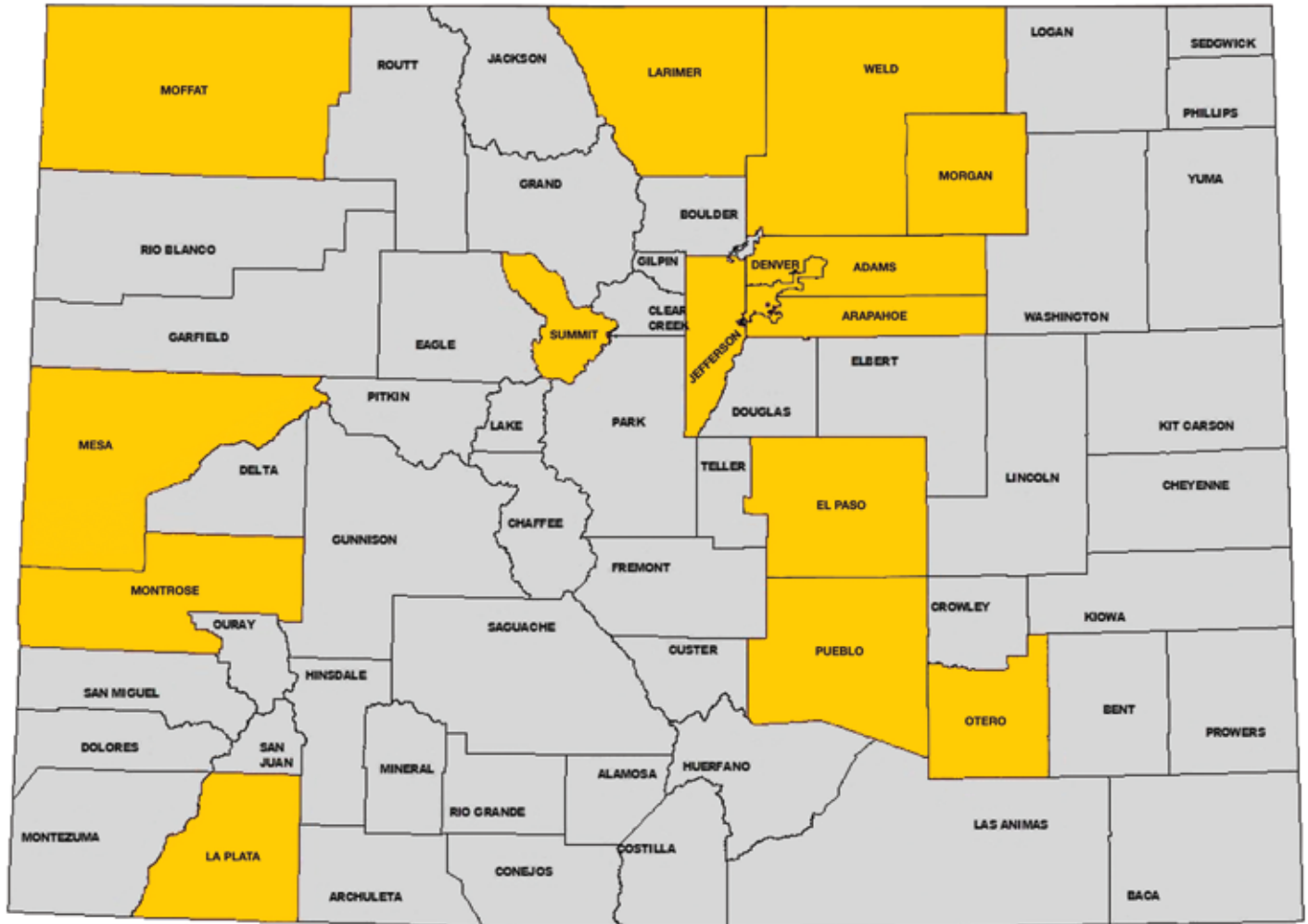
Appendix B: 2010 Motorcycle Registrations By County

| | |
|-------------|--------|
| Adams | 13,477 |
| Alamosa | 531 |
| Arapahoe | 14,827 |
| Archuleta | 633 |
| Baca | 137 |
| Bent | 147 |
| Boulder | 10,112 |
| Broomfield | 1,877 |
| Chaffee | 1,111 |
| Cheyenne | 83 |
| Conejos | 322 |
| Clear Creek | 676 |
| Costilla | 164 |
| Crowley | 103 |
| Custer | 284 |
| Delta | 1,252 |
| Denver | 11,704 |
| Dolores | 110 |
| Douglas | 10,069 |
| Eagle | 2,022 |
| Elbert | 1,293 |
| El Paso | 22,648 |
| Freemont | 2,403 |
| Garfield | 2,385 |
| Gilpin | 495 |
| Grand | 754 |
| Gunnison | 903 |
| Hinsdale | 78 |
| Huerfano | 251 |
| Jackson | 52 |
| Jefferson | 21,918 |
| Kiowa | 34 |
| Kit Carson | 300 |

| | |
|------------|---------|
| La Plata | 2,782 |
| Lake | 270 |
| Larimer | 12,718 |
| Las Animas | 616 |
| Lincoln | 186 |
| Logan | 781 |
| Mesa | 5,679 |
| Mineral | 58 |
| Moffat | 620 |
| Montezuma | 1,019 |
| Montrose | 1,611 |
| Morgan | 1,049 |
| Otero | 705 |
| Ouray | 390 |
| Park | 1,319 |
| Phillips | 236 |
| Pitkin | 1,190 |
| Prowers | 415 |
| Pueblo | 5,811 |
| Rio Blanco | 282 |
| Rio Grande | 496 |
| Routt | 1,269 |
| Saguache | 264 |
| San Juan | 71 |
| San Miguel | 587 |
| Sedgwick | 76 |
| Summit | 1,328 |
| Teller | 1,585 |
| Washington | 216 |
| Weld | 9,963 |
| Yuma | 443 |
| Total | 177,190 |

Appendix B: Continued

The fifteen counties in yellow are where MOST training is provided. These counties collectively include 59% of all Motorcycle registrations in Colorado.



Appendix C: MOST Training Contractors

This chart reflects funding for all MOST Sponsors for Fiscal Year 2010.

| MOST Contractor | FY 2010 Funding | Balance | # Students Trained -- BRC + BRC 2 | Additional expenditures * |
|------------------------------------|------------------------|---------------------|--|----------------------------------|
| ABATE of Colorado | \$200,000.00 | \$16,264.68 | 3,738 | \$39,385.32 |
| T3RG International | \$130,000.00 | \$69,999.81 | 1,272 | \$4,545.19 |
| Motorcycle Training Academy | \$95,000.00 | \$26,874.37 | 1,268 | \$10,401.26 |
| Iron Buffalo | \$70,000.00 | \$25,988.26 | 838 | \$13,659.74 |
| Motorcycle Rider Training Center | \$30,000.00 | \$0.00 | 529 | \$12,580.39 |
| Wheels in Motion | \$35,000.00 | \$20,813.15 | 375 | \$961.85 |
| Black B.A.G. LLC | \$26,000.00 | \$5,139.61 | 368 | \$5,885.39 |
| SW Colorado MC Safety Training | \$35,000.00 | \$18,432.70 | 250 | \$6,005.56 |
| Ricky Orlando Motorcycle School | \$15,000.00 | \$1,256.55 | 232 | \$1,393.45 |
| Rocky Mountain Motorcycle Training | \$23,000.00 | \$6,632.25 | 162 | \$4,717.75 |
| CO Northwest Rider Training | \$20,000.00 | \$12,571.96 | 101 | \$1,137.04 |
| Bad Axe Rider Training | \$4,000.00 | \$3,250.00 | 15 | \$0.00 |
| TOTAL | \$683,000.00 | \$207,223.34 | 9,148 | \$100,672.94 |

* Additional expenditures include travel, range paint, patches, stickers, hats, and shirts

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