



FY 2011 Annual Report

Motorcycle Operator Safety Training

Colorado Department of Transportation



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FY 2011 MOST Program Highlights

FY 2011 (July 1, 2010 to June 30, 2011):

- 16 MOST Sponsors offered motorcycle training to 9,246 students in 16 counties

2011 Student numbers include:

- Basic Rider Course (BRC) – 8,526
- Experienced Course (BRC 2) – 670
- Advanced Rider Course (ARC) – 50

MOST courses were offered at 41 locations with many of those training sites utilizing multiple ranges, taught by more than 150 Rider Coaches.

2011 Colorado Motorcycle Fatality Data

In 2011, 78 riders and passengers were killed in motorcycle crashes (74 operators, 4 passengers).

- Motorcycle fatalities represented 17% of the state's total traffic fatalities (78 of 447)
- Motorcycle fatalities were down 5% in 2011 from 82 in 2010 (and down by 20% from a record high of 98 fatalities in 2008.)
- The decline in motorcycle deaths trend with overall traffic fatalities, which were down 3% in 2011 and down 20% since 2008.

2011 STATISTICS

- 31% of motorcycle riders killed did not have a motorcycle endorsement on their driver's license
- 79% of riders involved in fatal crashes were determined to be "at fault"
- 51% of the fatal crashes involved only the motorcycle and no other vehicle
- 62% of riders killed were not wearing a helmet
- The number of Alcohol/Drug related motorcycle fatal crashes: 21
- The number of Alcohol/Drug related motorcycle fatalities (persons killed): 21

Colorado Motorcycle Statistics by County and Age Group

County	Fatalities
Adams	5
Alamosa	1
Arapahoe	7
Archuleta	1
Boulder	1
Conejos	1
Custer	1
Delta	1
Denver	6
Douglas	2
El Paso	15
Grand	1
Gunnison	1
Hinsdale	1
Jefferson	6
Kit Carson	1
Larimer	2
Mesa	5
Moffatt	1
Montezuma	3
Montrose	3
Park	1
Pueblo	4
San Miguel	1
Summit	3
Weld	4

Those age 40 and up were over-represented in 2011 fatalities, making up 65% of all fatalities.

Age	Fatalities
Under 20	3
20s	17
30s	7
40s	13
50s	25
60s	10
70s	3



Motorcycle Registrations by County

Motorcycle Registrations in Colorado declined slightly in 2011 with 176,885 motorcycles registered compared to 177,190 in 2010.

County	Registrations	County	Registrations	County	Registrations
ADAMS	13,443	FREMONT	2,406	MORGAN	1,047
ALAMOSA	524	GARFIELD	2,349	OTERO	704
ARAPAHOE	14,779	GILPIN	489	OURAY	387
ARCHULETA	624	GRAND	755	PARK	1,317
BACA	141	GUNNISON	898	PHILLIPS	232
BENT	150	HINSDALE	75	PITKIN	1,186
BOULDER	10,061	HUERFANO	247	PROWERS	411
BROOMFIELD	1,864	JACKSON	55	PUEBLO	5,781
CHAFFEE	1,106	JEFFERSON	21,845	RIO BLANCO	282
CHEYENNE	88	KIOWA	36	RIO GRANDE	489
CLEAR CREEK	673	KIT CARSON	301	ROUTT	1,261
CONEJOS	323	LA PLATA	2,783	SAGUACHE	267
COSTILLA	166	LAKE	267	SAN JUAN	71
CROWLEY	104	LARIMER	12,627	SAN MIGUEL	591
CUSTER	287	LAS ANIMAS	610	SEDGWICK	77
DELTA	1,258	LINCOLN	188	SUMMIT	1,323
DENVER	11,591	LOGAN	786	TELLER	1,572
DOLORES	112	MESA	5,712	WASHINGTON	213
DOUGLAS	10,040	MINERAL	58	WELD	9,965
EAGLE	2,026	MOFFAT	622	YUMA	440
ELBERT	1,289	MONTEZUMA	1,014	STATE	377
EL PASO	22,514	MONTROSE	1,606	TOTAL	176,885

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.

Map of Counties Where Training is Provided



There are Sixteen (16) counties (in orange) where training is provided, and these counties also represent 77% of the motorcycle registrations in the State of Colorado.

FY 2011 MOST Training Contractors/Sponsors

Training Contractor fees 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



FY 2011 MOST Training Contractors/Sponsors (continued)

MOST SPONSORS	FY 2011 Funding	Balance	# Trained
1. ABATE of Colorado www.abateofcolo.org	\$250,000.00	\$12,527.58	3,322
2. T3RG International www.t3rg.com	\$100,000.00	\$5,590.00	1,321
3. Motorcycle Training Academy www.motorcycletrainingacademy.com	\$150,000.00	\$64,574.44	1,280
4. Iron Buffalo www.mcsafety.com	\$90,000.00	\$29,883.05	784
5. Motorcycle Rider Training Center www.mrtcridered.com	\$22,303.35	\$548.35	551
6. Wheels in Motion www.wheelsinmotion.com	\$30,000.00	\$6,222.70	377
7. Black B.A.G. LLC www.bbmct.com	\$35,000.00	\$7,655.00	376
8. SW CO Motorcycle Safety Training http://motorcyclesafetyswco.homestead.com	\$35,000.00	\$14,759.48	211
9. Ricky Orlando Motorcycle School www.rickyorlando.com	\$28,000.00	\$1,301.38	381
10. Rocky Mountain Motorcycle Training http://motorcyclesafetyswco.homestead.com	\$30,000.00	\$15,603.55	210
11. CO NW Rider Training www.mcridersafety.com	\$20,000.00	\$6,521.66	131
12. Full Throttle Motorcycle Academy http://fullthrottleacademy.com	\$15,000.00	\$9,330.00	84
13. Bluecreek Motorcycle Training www.bluecreekmotorcycletraining.com	\$12,000.00	\$3,422.14	114
14. A Better Ability Motorcycle Academy http://abamaclasses.org	\$15,000.00	\$9,120.00	93
15. Iride Pikes Peak Motorcycle Training http://pikespeakharleydavidson.com	\$0.00	\$0.00	0
16. Sleeping Giant Motorsports http://home.earthlink.net/~sleepinggiantmosot/	\$4,000.00	\$3,230.00	11
TOTAL	\$836,303.35	\$177,761.75	9,246

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 be 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 – Other funds are allocated to MOST training Contractors in the form of tuition subsidies passed on to students in the form of lower enrollment fees or individual student training fees.

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.”

The MOST Sponsors in Colorado charge a competitive amount for their services. For each Colorado resident and military student, the state reimburses the MOST program Sponsor \$70.00 for the Basic Rider course and \$45.00 for the BRC 2 Course; and \$45.00 for RiderCoach Instructor updates and \$200.00 for each student that wants to become a RiderCoach. These reimbursements are passed on to the student in the form of lower tuition rates.

It is the MOST Program Sponsor’s responsibility to clearly post on their websites, the intention to decrease the cost of tuition by \$70.00 for the Basic Rider Course and \$45.00 for the BRC 2 course. The MOST Program Sponsor is required to maintain a register of receipts for each student or similar documentation indicating the amount charged to each student. Additionally, all MOST Program Sponsors must have the text on their website(s) that show the Resident and Non-Resident fee structure to clearly show the monetary difference that is accounted for by the subsidy.

Motorcycle Operator Safety Training Funding (continued)

The MOST Certified Sponsors offer training year round; however, peak training times are in the spring, summer and fall. The state certified training contractors are permitted to charge a competitive fee for their services. Current fees range from \$150.00 to \$250.00 per class depending on the amount set by the contractor and where in the state the training takes place.

All MOST certified contractors are subject to the MOST Rules and Regulations as defined in

2 CCR 602-3. To access the MOST Rules, please click on the link below:

<http://www.coloradodot.info/programs/live-to-ride/documents/MOSTRulesRegsOldVersion.pdf>

FY 2011 MOST Program Budget

MOST Administration	\$ 125,432.00
New Funding (contracts)	\$ 710,784.00
Carry Forward from prior years	\$ 581,064.00
Total	\$ 1,417,280.00
Less Contracts	\$ (730,274.94)
Less Administration	\$ (79,149.70)
Balance	\$ 607,855.36



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: CRS 43-5-502 to 504

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.

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