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**CRASH
Motorcycle Rider Questionnaire**

1. Case Number _____

2. Motorcycle Rider Number _____

BACKGROUND INFORMATION

3. How old are you? _____ **A.5.1.1.3**
Code actual age in years
(99) unknown

4. Where did you get your current driver's license? _____ **A.5.1.1.4**
(1) no license
(2) California
(3) other State (list) _____
(4) Canada
(5) Mexico
(6) military
(8) other (describe) _____
(9) unknown

5. What kind of operator's license is it? _____ **A.5.1.1.5.1**
(Code up to 4; input "97" in remaining responses) _____ **A.5.1.1.5.2**
(01) no license held _____ **A.5.1.1.5.3**
(02) learner's permit, only _____ **A.5.1.1.5.4**
(03) motorcycle license
(04) automobile license
(05) commercial license
(06) motorcycle driver and competition license
(07) license to transport people
(08) heavy truck license
(97) not applicable
(98) other (describe) _____
(99) unknown

6. What year was/were the license(s) issued? _____ **A.5.1.1.6.1**
(Listed in same order as licenses above) _____ **A.5.1.1.6.2**
(9997) not applicable _____ **A.5.1.1.6.3**
(9999) unknown _____ **A.5.1.1.6.4**

7. How many times have you acquired a motorcycle learner's permit? _____
(00) never

- (01-96) actual number of times
- (98) other (specify) _____
- (99) unknown

8. How long have you held a motorcyclist license? ___ ___ ___ Months

- (000) less than two weeks
- (001-995) actual number of months
- (996) 996 months or greater
- (997) Not applicable, no license held
- (998) other (specify) _____
- (999) unknown

9. Are you of Hispanic or Latino origin? _____

- (0) refused to answer
- (1) no
- (2) yes
- (8) other (describe) _____
- (9) unknown

10. What is your race? _____

- Please select one or more, code "7" in others _____
- (0) refused to answer
 - (1) white
 - (2) black or African American
 - (3) Asian
 - (4) Native Hawaiian or other Pacific Islander
 - (5) American Indian or Alaska native
 - (7) not applicable
 - (8) other _____
 - (9) unknown

11. What is your height? ___ ft. ___ in. A.5.1.1.9

- (9/99) unknown

12. What is your weight? ___ ___ lbs. A.5.1.1.10

- (999) unknown

13. Gender _____ A.5.1.1.11

- (1) male
- (2) female
- (9) unknown

14. How much formal education have you had? ___ ___ A.5.1.1.12

- (01) no formal schooling
- (02) less than high school diploma
- (03) high school diploma or GED
- (04) partial college/university
- (05) college/university graduate
- (06) graduate school, advanced degree, professional degree
- (07) specialty/technical school
- (97) not applicable
- (98) other (specify) _____

(99) unknown

15. What is your current occupation? ___ ___ A.5.1.1.13

- (11) management occupations
- (13) business and financial
- (15) computer and mathematical
- (17) architecture and engineering
- (19) life, physical, and social science
- (21) community and social services
- (23) legal
- (25) education, training or library
- (27) arts, design, entertainment, sports or media
- (29) healthcare practitioners and technical jobs
- (31) healthcare support
- (33) protective services
- (35) food preparation and serving related
- (37) building and grounds maintenance
- (39) personal care and services
- (41) sales and related occupations
- (43) office and administrative support
- (45) farming, fishing or forestry
- (47) construction or extraction
- (49) installation, maintenance or repair
- (53) transportation and material moving
- (55) military
- (60) full time student
- (97) not applicable, not in workforce at present
- (98) other (specify) _____
- (99) unknown

16. Are you married? ___ D.5.2.1.1.4

- (01) not married
- (02) single
- (03) married
- (04) separated
- (05) divorced
- (06) widowed
- (07) cohabitating
- (98) other (specify) _____
- (99) unknown

17. How many children do you have? ___ D.5.2.1.1.5

- (0) none
- (1) one
- (2) two
- (3) three
- (4) four
- (5) five
- (6) six
- (7) more than six
- (9) unknown

RIDING/DRIVING EXPERIENCE

18. Are you the owner of this motorcycle? _____

- (1) no
- (2) yes
- (8) other _____
- (9) unknown

19. Where did you purchase this motorcycle? _____

- (1) dealership (store front or internet)
- (2) family, friend, or neighbor
- (3) newspaper want ad or internet ad
- (4) motorcycle was a gift
- (7) not applicable, rider does not own this motorcycle
- (8) other, specify _____
- (9) unknown

20. How long have you owned this motorcycle? _____

- (00) less than two weeks
- (01) one year or less
- (02-96) number of years
- (97) not applicable, rider does not own this motorcycle
- (98) other (specify) _____
- (99) unknown

21. During the most recent period of riding regularly, how many MONTHS have you operated a street motorcycle? _____ A.5.1.1.16

- (000) this is the first time
- (001) less than or equal to one month
- (002-095) actual number of months
- (096) 96 months or more
- (997) not applicable
- (998) other (specify) _____
- (999) unknown

22. How many MONTHS have you operated the crash-involved motorcycle? _____ A.5.1.1.16

- (000) this is the first time
- (001) less than or equal to one month
- (002-095) actual number of months
- (096) 96 months or more
- (998) other (specify) _____
- (999) unknown

23. What is the average number of days per year you ride motorcycles? _____ A.5.1.1.18

- (001-365) Actual number of days per year
- (997) not applicable, first time
- (999) unknown

24. About how many miles per year do you ride motorcycles? _____ A.5.1.1.19

- (00000) none
- (00001-99995) actual miles
- (99996) 99996 or greater miles

(99998) other (specify) _____
(99999) unknown

25. What kind of motorcycle training have you had? _____ A.5.1.1.20

- (00) none
- (01) self taught
- (02) taught by family or friends
- (03) special voluntary motorcycle training for road riding
- (04) special compulsory motorcycle training for road riding
- (05) professional training for competition license
- (06) advanced training
- (07) compulsory motorcycle training ordered by judge/police/etc.
- (98) other (specify) _____
- (99) unknown

26. In what years have you taken any formal motorcycle training?

Code up to three _____
(9997) not applicable _____
(9999) unknown _____

27. Please tell me the reason for not taking motorcycle safety training _____

- (1) not offered
- (2) enrolled for future date
- (3) tried unsuccessfully to enroll
- (4) not interested/don't need it
- (5) cost
- (7) not applicable, took training
- (8) other (specify) _____
- (9) unknown

28. What year was your most recent motorcycle training class? _____

Code actual year
(0000) no training class
(9998) other (specify) _____
(9999) unknown

29. How old were you when you first began to ride a street motorcycle? _____

Code actual age
(00) never rode before, or rarely ever rides
(98) other (specify) _____
(99) unknown

30. Were there years in which you gave up riding a motorcycle before returning to riding? _____

- (1) no
- (2) yes
- (7) not applicable, never before rode
- (8) other (specify) _____
- (9) unknown

31. How many years before you started riding again? _____

(00) never stopped riding

- (01-96) actual number of years
- (97) not applicable, never before rode
- (98) other _____
- (99) unknown

32. When you ride a motorcycle, what is the percentage of time you use it for each of these categories? (indicate % of total riding/driving time for each of the three categories)

Recreation	_____ %	A.5.1.1.21.1
Basic transportation	_____ %	A.5.1.1.21.2
	100%	

- (000) first time use
- (997) not applicable
- (999) unknown

33. How many YEARS have you been driving any kind of motor vehicle? _____ years

- (00) less than two weeks A.5.1.1.15
- (01) one year or less
- (02-96) actual number of years
- (97) not applicable/no previous experience/first time
- (99) unknown

34. How many miles per year do you drive a car or truck? _____

- (00000) None, do not drive car or truck
- (00001-99995) actual miles
- (99996) 99996 or greater miles
- (99998) other (specify) _____
- (99999) unknown

35. Have you had any car or truck driver training? _____

- (01) no training
- (02) self taught
- (03) taught by friends or family
- (03) official driver training class
- (04) voluntary drivers education
- (05) compulsory drivers education
- (06) professional training for commercial license
- (07) compulsory motor vehicle training ordered by judge/police/etc.
- (98) other (specify) _____
- (99) unknown

36. How many moving traffic convictions have you had in the previous 5 years?

Code the total number of moving traffic convictions – any vehicle _____

- (00) none A.5.1.1.24
- (99) unknown

37. Of those how many were motorcycle moving violation-related? _____

Code the total number of previous motorcycle moving violations A.5.1.1.25

- (00) none
- (99) unknown

38. Of those how many were car or truck moving violation-related? _____

Code the total number of previous car or truck moving violations A.5.1.1.26

- (00) none
- (99) unknown

39. How much experience do you have riding with passengers on a motorcycle? _____

- (1) first time carrying passenger(s) A.5.1.1.22
- (2) very little experience
- (3) moderate experience
- (4) extensive experience
- (7) not applicable, never carry passengers
- (9) unknown

40. How much experience do you have riding with cargo/luggage? _____

- (1) first time A.5.1.1.23
- (2) seldom carries similar cargo/luggage
- (3) frequently carries similar cargo/luggage
- (4) always carries similar cargo/luggage
- (7) not applicable/no experience with cargo/luggage
- (9) unknown

TRIP INFORMATION

41. At what kind of location did you begin your trip today? _____

- (01) home A.5.1.1.27
- (02) work, business
- (03) recreation/social
- (04) school/religious activity
- (05) errand, shopping
- (06) family personal business/obligations
- (07) meals, restaurant, etc.
- (08) transport someone
- (09) medical/dental
- (10) bar, pub
- (98) other (specify) _____
- (99) unknown

42. Did you do any safety or maintenance checks on your motorcycle before leaving for this trip? Code up to 4.

- (0) none _____
- (1) exterior, visual inspection, only _____
- (2) checked fluids _____
- (3) checked lights _____
- (4) checked brakes _____
- (5) checked tire pressure
- (8) other, specify: _____
- (9) unknown

43. What was your trip destination? _____ A.5.1.1.28

- (01) home
- (02) work, business
- (03) recreation/social
- (04) school/religious activity

- (05) errand, shopping
- (06) family personal business/obligations
- (07) meals, restaurant, etc
- (08) transport someone
- (09) medical/dental
- (10) bar, pub
- (11) no destination, joy riding
- (98) other (specify) _____
- (99) unknown

44. About how many miles would the trip have been one way? ____ ____ ____ A.5.1.1.29

- (001) one mile or less
- (002-995) actual number of miles
- (996) 996 miles or greater
- (997) not applicable
- (999) unknown

45. How frequently do you travel this road on/in any vehicle? ____ ____

- (01) first time
- (02) daily use, i.e., once or more per day
- (03) weekly use, i.e., once or more per week
- (04) monthly use, i.e., once or more per month
- (05) quarterly, i.e., once or more per quarter
- (06) annually, i.e., once or more per year
- (07) less than annually
- (99) unknown

46. How many hours have you been riding today since your departure? ____ ____

- (01) one hour or less A..5.1.1.31
- (02-95) actual hours
- (96) 96 or more
- (97) not applicable, had not yet begun trip
- (98) other (specify) _____
- (99) unknown

47. How many miles had you ridden before the crash occurred? ____ ____ ____

- (001) one mile or less A..5.1.1.31
- (002-095) actual hours
- (096) 96 or more
- (997) not applicable, had not yet begun trip
- (998) other (specify) _____
- (999) unknown

SITUATION

48. What was your position on the motorcycle at time of collision? ____ ____ A.5.1.1.42

- (01) not on motorcycle, separated before collision
- (02) normal seating position
- (03) standing on footrests, foot pegs
- (04) seated, head down
- (05) shoulder check, left
- (06) shoulder check, right

- (07) dismounting, jumping to side
- (08) dismounting, jumping upward
- (09) dragging feet, foot down
- (10) abnormal seating position
- (11) standing on seat
- (98) other (specify) _____
- (99) unknown

49. Were you distracted by any of the following? ___ ___ A.5.1.1.44

Prior to Recognition Of Critical Event

- (01) Attentive or not distracted
- (02) Looked but did not see

Distractions

- (03) By other occupant(s), (specify): _____
- (04) By moving object in vehicle (specify): _____
- (05) While talking or listening to cellular phone/intercom or short wave radio
(specify location and type of phone): _____
- (06) While dialing cellular phone/intercom/short wave radio
(specify location and type of phone): _____
- (07) While adjusting climate controls
- (08) While adjusting radio, cassette, CD (specify): _____
- (09) While using other device/controls integral to vehicle (specify): _____
- (10) While using or reaching for device/object brought into vehicle (specify): _____
- (11) Sleepy or fell asleep
- (12) Distracted by outside person, object, or event (specify): _____
- (13) Eating or drinking
- (14) Smoking related
- (15) While listening or adjusting GPS device
- (96) Distracted/inattentive, details unknown
- (98) Other, distraction (specify): _____
- (99) Unknown

RIDING HABITS

50. Are you a motorcycle-related club member? ___

- (1) no
- (2) yes
- (9) unknown

51. Were you riding with other motorcyclists? ___

- (1) no
- (2) yes
- (8) other (specify) _____
- (9) unknown

52. How many other motorcycles were in the group? ___

- (00) none, no group
- (01 – 95) code number of motorcycles
- (96) 96 motorcycles or more
- (98) other (specify) _____
- (99) unknown

53. Was the group riding in a specific formation? ____

- (1) single file
- (2) staggered
- (3) side-by-side
- (7) not applicable, no group
- (8) other (specify) _____
- (9) unknown

54. If in a formation, where was your motorcycle placed in formation? ____

- (0) not in formation
- (1) front area
- (2) middle area
- (3) rear area
- (7) not applicable, no group
- (8) other (specify) _____
- (9) unknown

PROTECTIVE CLOTHING/GEAR AT TIME OF CRASH

55. What kind of clothing was on your upper body? ____ A.5.3.1.1

- (0) none
- (1) light cloth garment, i.e., thin cotton
- (2) medium cloth garment, i.e., denim, nylon
- (3) heavy cloth garment, i.e., imitation leather
- (4) leather garment
- (5) Kevlar
- (8) other (specify)
- (9) unknown

56. Was this upper body clothing motorcycle-oriented? ____ A.5.3.1.2

- (1) no
- (2) yes
- (7) not applicable/no clothing
- (8) other (specify) _____
- (9) unknown _____

57. What kind of clothing was on your lower body? ____ A.5.3.1.3

- (0) none
- (1) light cloth garment, i.e., thin cotton
- (2) medium cloth garment, i.e., denim, nylon
- (3) heavy cloth garment, i.e., imitation leather
- (4) leather garment
- (5) Kevlar
- (8) other (specify)
- (9) unknown _____

58. Was this lower body clothing motorcycle-oriented? ____ A.5.3.1.4

- (1) no
- (2) yes
- (7) not applicable/no clothing
- (8) other (specify) _____
- (9) unknown

59. Were you wearing an inflatable safety vest? _____

- (1) no
- (2) yes
- (8) other (specify) _____
- (9) unknown

60. What kind of shoes or boots were you wearing? _____ A.5.3.1.5

- (1) no shoes or boots, barefoot
- (2) light sandal
- (3) medium street shoe, loafer
- (4) athletic, training shoe
- (5) heavy shoe or boot
- (6) reinforced work boot or motorcycle boot
- (8) other (specify) _____
- (9) unknown

61. Did this footwear go up over your ankle? _____

- (1) no
- (2) yes
- (7) not applicable, no footwear worn
- (8) other, specify _____
- (9) unknown

62. Was the footwear motorcycle-oriented? _____ A.5.3.1.6

- (1) no
- (2) yes
- (7) not applicable, no footwear worn
- (9) unknown

63. What kind of gloves were you wearing? _____ A.5.3.1.7

- (0) none
- (1) light cloth garment, i.e., thin cotton
- (2) medium cloth garment, i.e., denim, nylon
- (3) heavy cloth garment, i.e., imitation leather
- (4) leather garment
- (5) Kevlar
- (8) other (specify)
- (9) unknown

64. Are the gloves motorcycle-oriented? _____ A.5.3.1.8

- (1) no
- (2) yes, full fingered
- (3) yes-shorties
- (7) not applicable, no gloves worn
- (8) other (specify) _____
- (9) unknown

65. Is any of this clothing retroreflective? _____

- Code up to 3 responses _____
- (1) no retroreflective clothing or gloves _____
 - (2) upper body (shirt/jacket/vest) _____

- (3) lower body (pants/ shorts)
- (4) gloves
- (5) special arm bands, or similar items
- (7) not applicable, no clothing or gloves
- (8) other (specify) _____
- (9) unknown

66. What is the clothing color of the following?

Upper body clothing	___ ___	D.5.3.1.6.1
Lower body clothing	___ ___	D.5.3.1.6.2
Footwear	___ ___	D.5.3.1.6.3
Gloves	___ ___	D.5.3.1.6.4

- (01) no dominating color, multi-colored
- (02) white
- (03) yellow
- (04) black
- (05) red
- (06) blue
- (07) green
- (08) silver
- (09) orange
- (10) brown
- (11) purple
- (12) gold
- (13) grey
- (97) not applicable/no clothing
- (98) other (specify) _____
- (99) unknown

67. Do you think any of your clothing helped with your ability to safely operate your motorcycle?

A.6.3.1.44 and A.6.3.1.45 combined

Upper body clothing	___ ___
Lower body clothing	___ ___
Footwear	___ ___
Gloves	___ ___

- (01) apparel had no effect
- (02) apparel protected or helped rider
- (03) apparel uncomfortable or distracting
- (97) not applicable, no apparel
- (98) other, specify _____
- (99) unknown

68. What kind of eye protection were you wearing at the time of the crash? ___ ___

A.5.1.1.14

- (01) none
- (02) non-prescription clear glasses
- (03) prescription clear glasses
- (04) non-prescription sunglasses
- (05) prescription sunglasses
- (06) goggles, non-prescription
- (07) goggles, prescription
- (08) industrial safety glasses

- (98) other (specify) _____
- (99) unknown

69. Are you required to wear corrective lenses when riding/driving? ____

- (1) no
- (2) yes
- (8) other specify _____
- (9) unknown

70. What color was the eye coverage lens? ____ A.5.3.1.10

- (1) clear
- (2) green
- (3) grey, smoke
- (4) amber, yellow
- (5) blue
- (6) reflective (any color)
- (7) not applicable, not wearing eye coverage
- (8) other (specify) _____
- (9) unknown

HELMET DATA

71. Were you wearing a helmet? ____ A.5.3.1.11

- (1) no
- (2) yes
- (3) helmet available but not used
- (8) other (specify) _____
- (9) unknown

72. What is your reason for not wearing a helmet? ____ D.5.2.1.1.13

- (01) not required by law
- (02) no expectation of accident involvement
- (03) helmets too expensive
- (04) helmets are inconvenient and uncomfortable
- (05) helmets reduce traffic awareness, limit hearing and vision
- (06) helmets ineffective in reducing head injury
- (07) helmets cause neck injury
- (08) helmets can not be used, physical or religious reasons
- (09) do not own a helmet
- (10) forgot to bring helmet today
- (97) not applicable, rider always wears a helmet
- (98) other (*describe, 80 characters) _____
- (99) unknown

IF NO HELMET WAS WORN, go to PRECRASH section

73. Was your helmet properly adjusted? ____ A.5.3.1.12

- (1) no
- (2) yes
- (7) not applicable, no helmet
- (8) other (specify) _____
- (9) unknown

74. Was your helmet securely fastened? ____ A.5.3.1.13

- (1) no
- (2) yes
- (7) not applicable, no helmet
- (8) other (specify) _____
- (9) unknown

75. What type of helmet is it? ____ A.5.3.1.14

- (1) not a motorcycle helmet
- (2) half/police motor vehicle, motorcycle helmet
- (3) open face motor vehicle, motorcycle helmet
- (4) full face motor vehicle, motorcycle helmet
- (5) novelty helmet
- (7) not applicable, not helmet
- (8) other (specify)
- (9) unknown

76. What is the type of helmet coverage? ____ ____ A.5.3.1.15

- (11) partial coverage
- (12) full coverage
- (13) full facial, integral chin bar but no face shield
- (14) full facial, removable chin bar
- (15) full facial, retractable chin bar
- (16) full facial coverage, integral chin bar and face shield
- (17) wrap around face shield
- (18) bubble type face shield
- (19) visor/face shield combo
- (97) not applicable/no helmet
- (98) other (specify)
- (99) unknown

77. What is the predominant color of your helmet? ____ ____ A.5.3.1.16

- (01) no dominating color, multi-colored
- (02) white
- (03) yellow
- (04) black
- (05) red
- (06) blue
- (07) green
- (08) silver, grey
- (09) orange
- (10) brown, tan
- (11) purple
- (12) gold
- (13) chrome, metallic
- (97) not applicable/no helmet
- (98) other (specify) _____
- (99) unknown

78. What is the color of the face shield? ____ A.5.3.1.17

- (1) clear

- (2) green
- (3) grey, smoke
- (4) amber, yellow
- (5) blue
- (6) reflective (any color)
- (7) not applicable/no face shield
- (8) other (specify) _____
- (9) unknown

79. Do you own this helmet? _____ A.5.3.1.18

- (1) no
- (2) yes
- (7) not applicable, no helmet
- (8) other (specify) _____
- (9) unknown

80. How well does this helmet fit? _____ A.5.3.1.19

- (1) acceptable fit
- (2) too large, too loose
- (3) too small, too tight
- (7) not applicable/no helmet
- (8) other (specify) _____
- (9) unknown

81. What percentage of time do you wear your helmet when riding? _____ %

- Code from 001-100 percent A.5.3.1.20
- (997) not applicable/no helmet
 - (999) unknown

82. Under what conditions do you usually wear your helmet? _____ A.5.3.1.21.1

- (code up to four; input "0" for remaining responses)
- _____ A.5.3.1.21.2
 - (1) never uses helmet _____ A.5.3.1.21.3
 - (2) long trips _____ A.5.3.1.21.4
 - (3) highway traffic
 - (4) in adverse weather
 - (5) never in hot weather
 - (6) always
 - (7) not applicable/no helmet
 - (8) other (specify) _____
 - (9) unknown

83. Was the helmet retained in place on your head during crash? _____ A.5.3.1.30

- (1) no, helmet ejected from head during pre-crash time period
- (2) no, helmet ejected from head during crash
- (3) no, helmet ejected from head after collision
- (4) yes, helmet retained in place to completion of accident events
- (5) yes, helmet moved on head but was retained
- (7) not applicable/no helmet
- (8) other (specify)
- (9) unknown

PRECRASH DATA

84. How were you operating your motorcycle immediately prior to the crash?

- (00) Stopped in traffic, speed is zero
- (01) Moving in a straight line, constant speed
- (02) Moving in a straight line, foot off accelerator
- (03) Moving in a straight line, braking
- (04) Moving in a straight line, accelerating
- (05) Turning right, constant speed
- (06) Turning right, foot off accelerator
- (07) Turning right, braking
- (08) Turning right, accelerating
- (09) Turning left, constant speed
- (10) Turning left, foot off accelerator
- (11) Turning left, braking
- (12) Turning left, accelerating
- (13) Stopped at roadside, or parked
- (14) Backing up, in a straight line
- (15) Backing up, steering left
- (16) Backing up, steering right
- (17) Making U-turn right
- (18) Making U-turn left
- (19) Making Y-turn right
- (20) Making Y-turn left
- (21) Changing lanes to left
- (22) Changing lanes to right
- (23) Merging to left
- (24) Merging to right
- (25) Entering traffic from right shoulder, median, or parked
- (26) Entering traffic from left shoulder, median, or parked
- (27) Leaving traffic, turn out to right
- (28) Leaving traffic, turn out to left
- (29) Passing maneuver, passing on right
- (30) Passing maneuver, passing on left
- (31) Crossing opposing lanes of traffic
- (32) Traveling wrong way, against opposing traffic
- (36) Collision avoidance maneuver to avoid a different collision
- (37) Negotiating a curve, constant speed
- (38) Negotiating a curve, foot off accelerator
- (39) Negotiating a curve, braking
- (40) Negotiating a curve, accelerating
- (97) Not applicable
- (98) Other, specify: _____
- (99) Unknown

85. Where were you looking at the start of the crash sequence? _____

- (1) looking straight ahead
- (2) looking right
- (3) looking left
- (4) looking rearward
- (5) looking at own motorcycle
- (8) other (specify)
- (9) unknown

86. Were your motorcycle brakes functioning before the crash? _____ A.4.1.1.35

- (1) no
- (2) yes
- (8) other (specify) _____
- (9) unknown

87. Did you have your hands/fingers positioned on the front brake prior to the crash event? _____ A.6.3.1.17

- (1) no
- (2) yes
- (7) not applicable, no front brake or brake lever
- (8) other (specify) _____
- (9) unknown

88. In which lane were you traveling just before the precipitating event? _____

- (1) lane 1 (right curb lane)
- (2) lane two
- (3) lane three
- (4) lane four
- (7) not applicable, not in a travel lane
- (8) other (specify) _____
- (9) unknown

89. What was your travel speed just before the precipitating event? _____ A.4.2.2.a

- (00) stopped
- (01-95) actual miles per hour
- (96) 96 mph or more
- (98) other (specify) _____
- (99) unknown

90. What were the lateral movements of your motorcycle immediately before impact? _____

- (01) no movement/avoidance maneuver
- (02) lane departure-left side
- (03) lane return-left side
- (04) lane departure right side
- (05) lane return-right side
- (06) road departure-left side
- (07) road return-left side
- (08) road departure-right side
- (09) road return-right side
- (97) not applicable
- (98) other (specify) _____
- (99) unknown

91. What avoidance actions did you attempt (if any)? _____ A.4.2.5.1

- Code up to four _____ A.4.2.5.2
- (01) braking _____ A.4.2.5.3
- (02) downshifting _____ A.4.2.5.4
- (03) releasing brakes _____
- (04) steering left _____

- (05) steering right
- (06) accelerating
- (07) laid the bike down
- (08) use of horn
- (09) flashing headlamp
- (10) drag feet
- (11) jump or bail out
- (97) not applicable/no avoidance actions
- (98) other (specify) _____
- (99) unknown

92. Did you lose control of the motorcycle? ___ ___

A.6.3.1.11

- (01) capsized or fell over
- (02) braking slide out-low side
- (03) braking slide out-high side
- (04) cornering slide out-low side
- (05) cornering slide out-high side
- (06) ran wide on turn, ran off road
- (07) lost wheelie
- (08) low speed wobble
- (09) high speed wobble
- (10) weave, no pitch
- (11) pitch weave, low speed
- (12) pitch weave, high speed cornering
- (13) end over, flying W
- (14) continuation, no control actions
- (15) lost stoppie
- (97) not applicable, no loss of control
- (98) other (specify) _____
- (99) unknown

93. Was there any control loss due to weather, roadway or mechanical problems? ___

- (01) no control loss due to weather, roadway or mechanical problems
- (02) yes, control loss due to weather
- (03) yes, control loss due to mechanical problems
- (04) yes, control loss due to both weather and mechanical
- (05) yes, control loss due to roadway
- (06) yes, control loss due to roadway and weather
- (07) yes, control loss due to roadway and mechanical
- (08) yes, control loss due to all three
- (98) other (specify) _____
- (99) unknown

RECOGNITION/DECISION

If not multi-vehicle crash, code not applicable to questions ___ through ___

94. Where was the other vehicle coming from in relation to you? ___ ___

- (01) 180 degrees opposed (oncoming)
- (02) from left front
- (03) from left
- (04) from left rear

- (05) from right front
- (06) from right
- (07) from right rear
- (08) from behind
- (97) not applicable/no other vehicle
- (98) other (specify) _____
- (99) unknown

95. Was your line of sight to the other vehicle clear? ___ A.4.2.3

- (1) yes, clear
- (2) no, view obstructed by road curvature
- (3) no, view obstructed by roadway grade
- (4) no, view obstructed by roadside objects (shrubs, vehicles, buildings)
- (5) other vehicle in blind spot of mirror
- (7) not applicable, no other vehicle
- (8) other (specify) _____
- (9) unknown

96. Was your view of the other vehicle obscured? ___ ___

- (01) no, not obscured
- (02) yes, obscured by sun glare
- (03) yes, obscured by headlight glare
- (04) yes, obscured by other glare (specify) _____
- (05) yes, obscured by darkness
- (06) yes, obscured by nighttime and color of vehicle
- (07) obscured by dust, smoke, smog, fog
- (08) obscured by windscreen or eye wear condition (dirt, condensation, etc)
- (97) not applicable
- (98) yes, obscured by other (specify) _____
- (99) unknown

IMPAIRMENT

97. Do you have any of the following permanent physical conditions? ___ ___ A.5.1.1.39.1

(Code up to three; input "01" in remaining responses) ___ ___ A.5.1.1.39.2

(01) no ___ ___ A.5.1.1.39.3

- (02) vision reduction or loss
- (03) hearing reduction or loss
- (04) respiratory, cardiovascular condition
- (05) paraplegia
- (06) amputee
- (07) neurological, epilepsy, stroke
- (08) endocrine system, diabetes, digestive system
- (09) infirmity, arthritis, senility
- (98) other (specify) _____
- (99) unknown

98. At the time of the crash, were you experiencing any of the following?

(Code up to three; input "01" in remaining responses) ___ ___ A.5.1.1.40.1

(01) no ___ ___ A.5.1.1.40.2

(02) fatigue ___ ___ A.5.1.1.40.3

(03) hunger

- (04) thirst
- (05) elimination urgency
- (06) muscle spasm, cramp, itch
- (07) headache, minor malaise, fever
- (08) siesta syndrome (tired in afternoon)
- (98) other (specify) _____
- (99) unknown

99. Were you concerned about any of the following issues on the day of the crash?

- (Code up to three; input "01" in remaining responses)
- | | | |
|--|---------|--------------|
| (01) no problems | ___ ___ | A.5.1.1.41.1 |
| (02) conflict with friends, relatives, divorce, separation | ___ ___ | A.5.1.1.41.2 |
| (03) work related problems | ___ ___ | A.5.1.1.41.3 |
| (04) financial distress | | |
| (05) school problems | | |
| (06) legal, police problems | | |
| (07) reward stress | | |
| (08) traffic conflict, road rage | | |
| (09) death of family, friend | | |
| (98) other (specify) _____ | | |
| (99) unknown | | |

100. How many hours of sleep did you have in the past 24 hours? ___ ___

- (00) no sleep
- (01-24) number of hours slept
- (98) other (specify) _____
- (99) unknown

101. Did you drink any alcohol or take any drugs or medications today? ___

- (1) no A.5.1.1.32
- (2) alcohol use, only
- (3) drug/medication use, only
- (4) combined alcohol and drug/medication use
- (8) other, _____
- (9) unknown

Independently determine following questions

102. Alcohol/drug impairment? ___ A.5.1.1.33

- (1) no impairment
- (2) not legally impaired
- (3) legally impaired
- (8) other (specify) _____
- (9) unknown

103. Blood alcohol concentration (BAC)? ___ ___ ___ mg/100ml A.5.1.1.34

- Code results
- (000) negative BAC
 - (995) BAC tested, results not known
 - (996) BAC not tested
 - (998) other (specify) _____
 - (999) unknown

104. Source of BAC information? ___ ___ A.5.1.1.35

- (01) not tested
- (02) tested, results not available
- (03) breath testing
- (04) blood test
- (05) urine test
- (06) unknown if tested
- (07) tested, results unknown
- (98) other (specify) _____
- (99) unknown source

**105. Time span from crash to BAC collection?
(or time of death in fatal cases)** ___ ___ hours A.5.1.1.36

- (00) no test done
- (01-96) actual hours
- (98) other (specify) _____
- (99) unknown

106. Type of drugs other than alcohol? ___ A.5.1.1.37

- (1) no drugs other than alcohol
- (2) stimulant
- (3) depressant
- (4) drugs taken, type unknown
- (5) multiple drugs taken
- (7) not applicable, no drugs or alcohol
- (8) other (specify) _____
- (9) unknown

107. Source of drugs other than alcohol? ___ A.5.1.1.38

- (1) no drugs other than alcohol
- (2) prescription
- (3) non-prescription, over the counter
- (4) illegal
- (7) not applicable, no drugs or alcohol
- (9) unknown