

HS-433B

Occupant Injury Form

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U.S. Department of Transportation  
 National Highway Traffic Safety  
 Administration

### OCCUPANT INJURY FORM

Form Approved  
 O.M.B. No. 2127-0021  
 NATIONAL ACCIDENT SAMPLING SYSTEM  
 CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number _____	3. Vehicle Number _____
2. Case Number - Stratum _____	4. Occupant Number _____

#### INJURY DATA

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

	Source of Injury Data	Body Region	A.I.S. - 90				Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
			Type of Anatomic Structure	Specific Anatomic Structure									
1st	5. ___	6. ___	7. ___	8. ___	9. ___	10. ___	11. ___	12. ___	13. ___	14. ___	15. ___		
2nd	16. ___	17. ___	18. ___	19. ___	20. ___	21. ___	22. ___	23. ___	24. ___	25. ___	26. ___		
3rd	27. ___	28. ___	29. ___	30. ___	31. ___	32. ___	33. ___	34. ___	35. ___	36. ___	37. ___		
4th	38. ___	39. ___	40. ___	41. ___	42. ___	43. ___	44. ___	45. ___	46. ___	47. ___	48. ___		
5th	49. ___	50. ___	51. ___	52. ___	53. ___	54. ___	55. ___	56. ___	57. ___	58. ___	59. ___		
6th	60. ___	61. ___	62. ___	63. ___	64. ___	65. ___	66. ___	67. ___	68. ___	69. ___	70. ___		
7th	71. ___	72. ___	73. ___	74. ___	75. ___	76. ___	77. ___	78. ___	79. ___	80. ___	81. ___		
8th	82. ___	83. ___	84. ___	85. ___	86. ___	87. ___	88. ___	89. ___	90. ___	91. ___	92. ___		
9th	93. ___	94. ___	95. ___	96. ___	97. ___	98. ___	99. ___	100. ___	101. ___	102. ___	103. ___		
10th	104. ___	105. ___	106. ___	107. ___	108. ___	109. ___	110. ___	111. ___	112. ___	113. ___	114. ___		

HS Form 433B (1/1997)

This report is authorized by P.L. 89-563, Title 1, Section 106, 108, and 112. While you are not required to respond, your cooperation is needed to make the results of this data collection effort comprehensive, accurate, and timely.

**OCCUPANT INJURY CLASSIFICATION**

Body Region	Specific Anatomic Structure	Level of Injury	Aspect
(1) Head		Specific injuries are assigned consecutive two-digit numbers beginning with 02.  To the extent possible, within the organizational framework of the AIS, 00 is assigned to an injury NFS as to severity or where only one injury is given in the dictionary for that anatomic structure. 99 is assigned to any injury NFS as to lesion or severity.	(1) Right
(2) Face			(2) Left
(3) Neck			(3) Bilateral
(4) Thorax			(4) Central
(5) Abdomen			(5) Anterior
(6) Spine			(6) Posterior
(7) Upper Extremity			(7) Superior
(8) Lower Extremity			(8) Inferior
(9) Unspecified			(9) Unknown
			(10) Whole region
<b>Type of Anatomic Structure</b>	<b>Whole Area</b>		
(1) Whole Area	(02) Skin - Abrasion		
(2) Vessels	(04) Skin - Contusion		
(3) Nerves	(06) Skin - Laceration		
(4) Organs (includes Muscles/ligaments)	(08) Skin - Avulsion		
(5) Skeletal (includes joints)	(10) Amputation		
(6) Head - LOC	(20) Burn		
(9) Skin	(30) Crush		
	(40) Degloving		
	(50) Injury - NFS		
	(90) Trauma, other than mechanical		
	<b>Head - LOC</b>		
	(02) Length of LOC		
	(04) Level of		
	(06) of		
	(08) Consciousness		
	(10) Concussion		
	<b>Spine</b>		
	(02) Cervical		
	(04) Thoracic		
	(06) Lumbar		

**Abbreviated Injury Scale**

- (1) Minor Injury
- (2) Moderate Injury
- (3) Serious Injury
- (4) Severe Injury
- (5) Critical Injury
- (6) Maximum (untreatable)
- (7) Injured, unknown severity

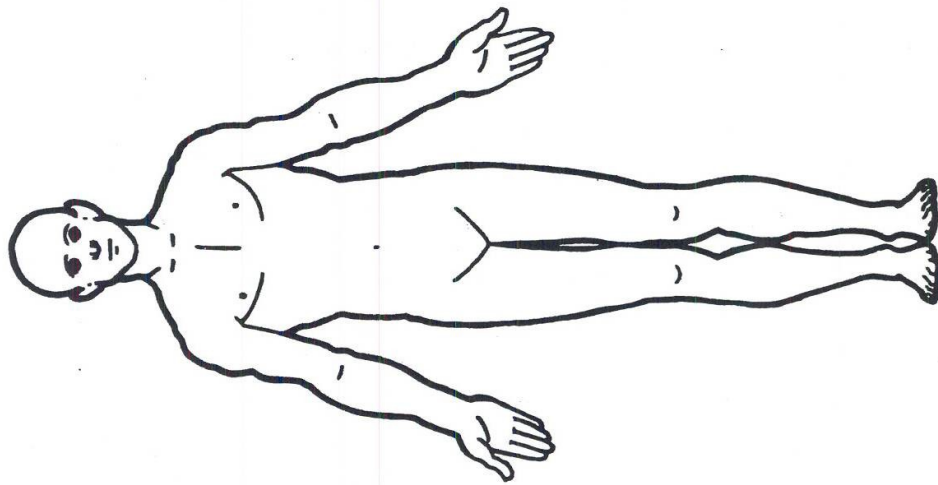
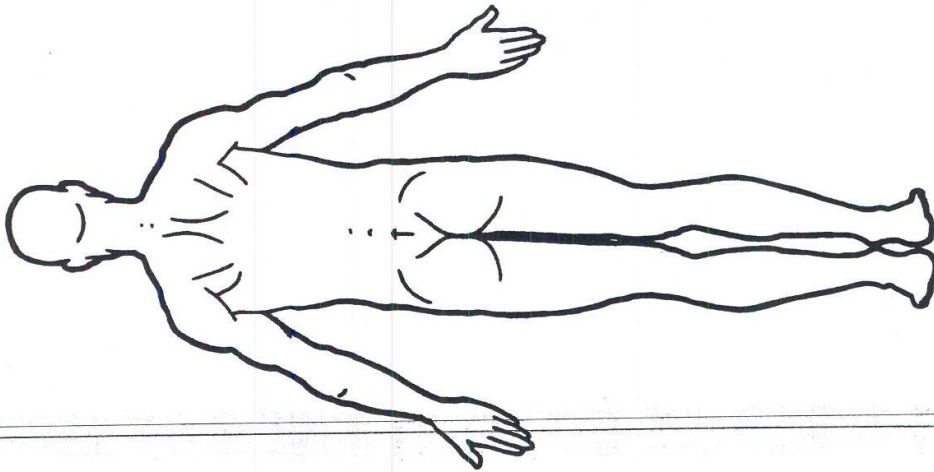
SOURCE OF INJURY DATA	INJURY SOURCE CONFIDENCE LEVEL	DIRECT/INDIRECT INJURY
<u>OFFICIAL RECORDS</u> (1) Autopsy records with or without hospital/medical records (2) Hospital/medical records other than emergency room (e.g., discharge summary) (3) Emergency room records only (including associated X-rays or other lab reports) (4) Private physician, walk-in or emergency clinic  <u>UNOFFICIAL RECORDS</u> (5) Lay coroner report (6) E.M.S. personnel (7) Interviewee (8) Other source (specify): _____  (9) Police _____	(1) Certain (2) Probable (3) Possible (9) Unknown	(1) Direct contact injury (2) Indirect contact injury (3) Noncontact injury (4) Air bag related injury (7) Injured, unknown source

**INJURY SOURCES**

<b>FRONT</b>			
(001) Windshield	(102) Right side hardware or armrest	(183) Air bag-passenger side and object held	(411) Wall mounted head rest (used behind wheel chair)
(002) Mirror	(103) Right A (A1/A2)-pillar	(184) Air bag-passenger side and object in mouth	(412) Other adaptive device (specify): _____
(003) Sunvisor	(104) Right B-pillar	(185) Air bag compartment cover-passenger side	
(004) Steering wheel rim	(105) Other right pillar (specify): _____	(186) Air bag compartment cover-passenger side and eyewear	<b>EXTERIOR of OCCUPANT'S VEHICLE</b>
(005) Steering wheel hub/spoke	(106) Right side window glass	(187) Air bag compartment cover-passenger side and jewelry	(451) Hood
(006) Steering wheel (combination of codes 004 and 005)	(107) Right side window frame	(188) Air bag compartment cover-passenger side and object held	(452) Outside hardware (e.g., outside mirror, antenna)
(007) Steering column, transmission selector lever, other attachment	(108) Right side window sill	(189) Air bag compartment cover-passenger side and object in mouth	(453) Other exterior surface or tires (specify): _____
(008) Cellular telephone or CB radio	(109) Right side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.	(190) Other air bag (specify) _____	(454) Unknown exterior objects
(009) Add on equipment (e.g., tape deck, air conditioner)	(110) Other right side object (specify): _____	(195) Other air bag compartment cover (specify) _____	<b>EXTERIOR OF OTHER MOTOR VEHICLE</b>
(010) Left instrument panel and below			(501) Front bumper
(011) Center instrument panel and below	<b>INTERIOR</b>		(502) Hood edge
(012) Right instrument panel and below	(151) Seat, back support		(503) Other front of vehicle (specify): _____
(013) Glove compartment door	(152) Belt restraint webbing/buckle	<b>ROOF</b>	(504) Hood
(014) Knee bolster	(153) Belt restraint B-pillar or door frame attachment point	(201) Front header	(505) Hood ornament
(015) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, mirror, or steering assembly (driver side only)	(154) Other restraint system component (specify): _____	(202) Rear header	(506) Windshield, roof rail, A-pillar
(016) Windshield including one or more of the following: front header, A (A1/A2)-pillar, instrument panel, or mirror (passenger side only)	(155) Head restraint system	(203) Roof left side rail	(507) Side surface
(017) Windshield reinforced by exterior object (specify) _____	(160) Other occupants (specify): _____	(204) Roof right side rail	(508) Side mirrors
	(161) Interior loose objects	(205) Roof or convertible top	(509) Other side protrusions (specify): _____
	(162) Child safety seat (specify): _____		
	(163) Other interior object (specify): _____	<b>FLOOR</b>	(510) Rear surface
(019) Other front object (specify): _____		(251) Floor (including toe pan)	(511) Undercarriage
	<b>AIR BAG</b>	(252) Floor or console mounted transmission lever, including console	(512) Tires and wheels
<b>LEFT SIDE</b>	(170) Air bag-driver side	(253) Parking brake handle	(513) Other exterior of other motor vehicle (specify): _____
(051) Left side interior surface, excluding hardware or armrests	(171) Air bag-driver side and eyewear	(254) Foot controls including parking brake	(514) Unknown exterior of other motor vehicle
(052) Left side hardware or armrest	(172) Air bag-driver side and jewelry		
(053) Left A (A1/A2)-pillar	(173) Air bag-driver side and object held	<b>REAR</b>	<b>OTHER VEHICLE OR OBJECT IN THE ENVIRONMENT</b>
(054) Left B-pillar	(174) Air bag-driver side and object in mouth	(301) Backlight (rear window)	(551) Ground
(055) Other left pillar (specify): _____	(175) Air bag compartment cover-driver side	(302) Backlight storage rack, door, etc.	(598) Other vehicle or object (specify): _____
	(176) Air bag compartment cover-driver side and eyewear	(303) Other rear object (specify): _____	(599) Unknown vehicle or object
(056) Left side window glass	(177) Air bag compartment cover-driver side and jewelry	<b>ADAPTIVE (ASSISTIVE) DRIVING EQUIPMENT</b>	<b>NONCONTACT INJURY</b>
(057) Left side window frame	(178) Air bag compartment cover-driver side and object held	(401) Hand controls for braking/acceleration	(601) Fire in vehicle
(058) Left side window sill	(179) Air bag compartment cover-driver side and object in mouth	(402) Steering control devices (attached to OEM steering wheel)	(602) Flying glass
(059) Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail.	(180) Air bag-passenger side	(403) Steering knob attached to steering wheel	(603) Other noncontact injury source (specify): _____
(060) Other left side object (specify): _____	(181) Air bag-passenger side and eyewear	(405) Replacement steering wheel (i.e., reduced diameter)	(604) Air bag exhaust gases
	(182) Air bag-passenger side and jewelry	(406) Joy stick steering controls	(697) Injured, unknown source
<b>RIGHT SIDE</b>		(407) Wheelchair tie-downs	
(101) Right side interior surface, excluding hardware or armrests		(408) Modification to seat belts, (specify): _____	
		(409) Additional or relocated switches, (specify): _____	
		(410) Raised roof	

OFFICIAL INJURY DATA - SOFT TISSUE INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)



Restrained?

No  
 Yes

Blood Alcohol Level  
 (mg/dl)

BAL = \_\_\_\_\_

Glasgow Coma  
 Scale Score

GCSS = \_\_\_\_\_

Units of Blood  
 Given

Units = \_\_\_\_\_

Arterial Blood Gases

pH = \_\_\_\_\_

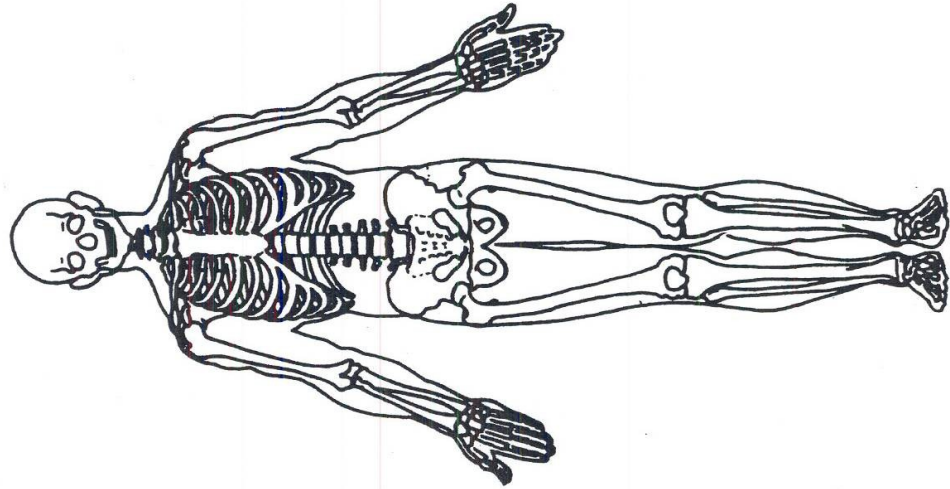
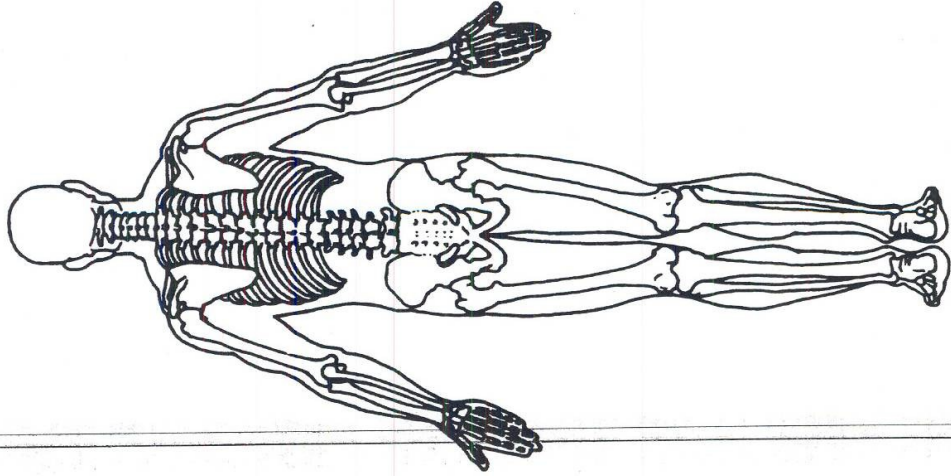
PO<sub>2</sub> = \_\_\_\_\_

PCO<sub>2</sub> = \_\_\_\_\_

HCO<sub>3</sub> = \_\_\_\_\_

OFFICIAL INJURY DATA — SKELETAL INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)



OFFICIAL INJURY DATA – INTERNAL INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

