## National Highway Traffic Safety Administration

Dear Crash Data Researchers/Users:
Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

## A. DESCRIPTION OF THE ACCIDENT SEQUENCE AND ACCIDENT PECULIARITIES

(Provide a summary of the accident sequence as well as any particular event of the accident that is noteworthy. Injury mechanism and vehicle crashworthiness is the focus, not driver culpability. Do not include any personal identifiers. Use reverse side if needed.)

Vehicle \#1 traveling westbound exited the freeway to an exit ramp, entered a right curve, lost control and rolled $1 \frac{1}{2}$ times. Vehicle \#1 came to rest on its top with the driver partially ejected and his head pinned under the vehicle. Vehicle \#1 was towed due to damage.
B. VEHICLE PROFILE(S)

| Vehicle <br> No. | Class <br> of <br> Vehicle | Year/Make/Model | Most Severe Damage <br>  <br> 1 | Fullsize | Damage <br> Plane |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1992 Lexus LS 400 <br> 4 door | Severity <br> Description | Component <br> Failure |  |  |  |
|  |  | Top | Severe | Unknown |  |

C. PERSON PROFILE(S)

| Vehicle No. | Person Role | Seat Position | Restraint Use | Most Severe Injury |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Body Region | Lesion | AIS | Injury Source |
| 1 | Driver |  |  | Head | $\begin{gathered} \text { CRush } \\ \text { Hnknown } \end{gathered}$ | $6$ | Roof (Extscion) Hollow ap Report |
| 1 | Passenger | Front Righ | $\begin{aligned} & 3 \mathrm{pt} . \text { Man } \\ & \text { Belt } \end{aligned}$ | Head | Unknown | ? | Unknown |

DO NOT SANITIZE THIS FORM

National Highway Traffic Safety

U.S. Department of Transportation

National Highway Trafflc Safety Administration

ACCIDENT COLLISION MEASUREMENT TABLE

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM


| ltem | Distance and Direction from Reference Point | Distance and Direction from Reference Line |
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1. Primary Sampling Unit Number
2. Case Number - Stratum

## IDENTIFICATION

3. Number of General Vehicle Forms Submitted
4. Date of Accident
(Month, Day, Year)
5. Time of Accident

## SPECIAL STUDIES INDICATORS

## QL

## 81 A

Check ( $\mathbf{V}$ ) each special study (SS12-SS 16 below) that has been completed; code 1 for the checked special studies and 0 for the special studies not checked.
6. ___SS12 Not Active 0
7. ___SS13 Not Active
8. $\qquad$ SS14 $\qquad$
9. $\qquad$ SS15 $\qquad$
10. $\qquad$ SS16

## NUMBER OF EVENTS

11. Number of Recorded Events in This Accident


Code the number of events which occurred in this accident.

## ACCIDENT EVENTS

For each event that occurred in the accident, code the lowest numbered vehicle in the left columns and the other involved vehicle or object on the right.


If GREATER THAN FIVE EVENTS, CONTINUE CODING ON THE ACCIDENT EVENTS SUPPLEMENT

## CODES FOR CLASS OF VEHICLE

## CODES FOR GENERAL AREA OF DAMAGE (GAD)

(00) Not a motor vehicle
(01) Subcompact/mini (wheelbase < 100 ")
(02) Compact (wheelbase $=100 "-104$ ")
(03) Intermediate (wheelbase $=105 "-109 "$ )
(04) Full size (wheelbase $=110 "-114$ ")
(05) Largest (wheelbase $\geq 115$ ")
(09) Unknown passenger car size
(11) Short utility vehicle
(12) Truck based utility ( $\leq 10,000$ Ibs GVWR)
(13) Passenger van ( $\leq 10,000$ lbs GVWR)
(14) Other van ( $\leq 10,000 \mathrm{lbs}$ GVWR)
(15) Pickup truck ( $\leq 10,000$ lbs GVWR)
(18) Other truck ( $\leq 10,000$ lbs GVWR)
(19) Unknown light truck type
(20) School bus
(21) Other bus
(22) Truck ( $>10,000$ Ibs GVWR)
(23) Tractor without trailer
(24) Tractor-trailer(s)
(25) Motored cycle
(28) Other vehicle
(99) Unknown

## CDC APPLICABLE AND OTHER VEHICLES

## codes for vehicle number or object contacted

(01-30) - Vehicle number
Noncollision
(31) Overturn - rollover
(32) Fire or explosion
(33) Jackknife
(34) Other intraunit damage (specify):
(35) Noncollision injury
(38) Other noncollision (specify):
(39) Noncollision - details unknown

Collision with Fixed Object
(41) Tree ( $\leq 4$ inches in diameter)
(42) Tree ( $>4$ inches in diameter)
(43) Shrubbery or bush
(44) Embankment
(45) Breakaway pole or post (any diameter)

Nonbreakaway Pole or Post
(50) Pole or post ( $\leq 4$ inches in diameter)
(51) Pole or post ( $=-4$ but $\leq 12$ inches in diameter)
(52) Pole or post ( $=12$ inches in diameter)
(53) Pole or post (diameter unknown)
(54) Concrete traffic barrier
(55) Impact attenuator
(56) Other traffic barrier (specify):
(57) Fence
(58) Wall
(59) Building
(60) Ditch or culvert
(61) Ground
(62) Fire hydrant
(63) Curb
(64) Bridge
(68) Other fixed object (specify):
(69) Unknown fixed object

Collision with Nonfixed Object
(71) Motor vehicle not in-transport
(72) Pedestrian
(73) Cyclist or cycle
(74) Other nonmotorist or conveyance (specify):
(75) Vehicle occupant
(76) Animal
(77) Train
(78) Trailer, disconnected in transport
(88) Other nonfixed object (specify):
(89) Unknown nonfixed object
(98) Other event (specify):
(99) Uniknown event or object

## OCCUPANT RELATED

16. Driver Presence in Vehicle
(0) Driver not present
(1) Driver present
(9) Unknown
17. Number of Occupants This Vehicle (00-96) Code actual number of occupants for this vehicle
(97) 97 or more
(99) Unknown
18. Number of Occupant Forms Submitted

## VEHICLE WEIGHT ITEMS

19. Vehicle Curb Weight
$\qquad$ 00
3759 Code weight to nearest 100 pounds.
(010) Less than 1050 pounds
(135) $13,500 \mathrm{lbs}$ or more
(999) Unknown

Source:

20. Vehicle Cargo Weight

___Code weight to nearest 100 pounds.
(00) Less than 50 pounds
(97) 9,650 lbs or more
(99) Unknown

## RECONSTRUCTION DATA

21. Towed Trailing Unit
(0) No towed unit
(1) Yes -towed trailing unit
(9) Unknown
22. Documentation of Trajectory Data for This Vehicle
(0) No
(1) Yes
23. Post Collision Condition of Tree or Pole (for Highest Delta V)
(0) Not collision (for highest delta V ) with tree or pole
(1) Not damaged
(2) Cracked/sheared
(3) Tilted $<45$ degrees
(4) Tilted $\geq 45$ degrees
(5) Uprooted tree
(6) Separated pole from base
(7) Pole replaced
(8) Other (specify):
(9) Unknown
24. Rollover
(0) No rollover (no overturning)

Rollover (primarily about the longitudinal axis)
(1) Rollover, 1 quarter turn only
(2) Rollover, 2 quarter turns
(3) Rollover, 3 quarter turns
(4) Rollover, 4 or more quarter turns (specify): PAR SAY G QUARTER TURNS
(5) Rollover-end-over-end (ie., primarily about the lateral axis)
(9) Rollover (overturn), details unknown

## OVERRIDE/UNDERRIDE (THIS VEHICLE)

25. Front Override/Underride (this vehicle)
26. Rear Override/Underride (this vehicle)
(0) No override/underride, or not an end-to-end impact

Override (see specific CDC)
(1) 1st CDC
(2) 2nd CDC
(3) Other not automated CDC (specify):

Underside (see specific CDC)
(4) 1st CDC
(5) 2nd CDC
(6) Other not automated CDC (specify):
(7) Medium/heavy truck or bus override
(9) Unknown

## HEADING ANGLE AT IMPACT FOR HIGHEST DELTA V

Values: (000)-(359) Code actual value (997) Noncollision (998) Impact with object (999) Unknown
27. Heading Angle for This Vehicle
28. Heading Angle for Other Vehicle

997

PSU 81-199A V-01.

 VEHICLE FORM

The following data is not included in this case:
$\qquad$

PSU NUMBER
Case Number
Vehicle Number


## INTERIOR

## VEHICLE

FORM

The following data is not included in this case:

M Entire Form
[] Page Number (s) $\qquad$
26. Seat Type (This Occupant Position)
(00) Occupant not seated or no seat
(01) Bucket
(02) Bucket with folding back
(03) Bench
(04) Bench with separate back cushions
(05) Bench with folding back(s)
(06) Split bench with separate back cushions
(07) Split bench with folding back(s)
(08) Pedestal (i.e., van type)
(09) Other seat type (specify):
(99) Unknown
27. Seat Performance (This Occupant Position)
(0) Occupant not seated or no seat
(1) No seat performance failure(s)
(2) Seat adjusters failed
(3) Seat back folding locks failed
(4) Seat track/anchors failed
(5) Deformed by impact of occupant
(6) Deformed by passenger compartment intrusion (specify):
(7) Combination of above (specify):
(8) Other (specify):
(9) Unknown

## CHILD SAFETY SEAT

28. Child Safety Seat Make/Model
(000) No child safety seat

Applicable codes are found in your NASS CDS Data Collection, Coding, and Editing Manual (997) Other make/model (specify):
(998) Unknown make/model
(999) Unknown if child safety seat used
29. Type of Child Safety Seat
(0) No child safety seat
(1) Infant seat
(2) Toddler seat
(3) Convertible seat
(4) Booster seat
(7) Other type child safety seat (specify):
(8) Unknown child safety seat type
(9) Unknown if child safety seat used
30. Child Safety Seat Orientation
(00) No child safety seat

Designed for Rear Facing for This Age/Weight
(01) Rear facing
(02) Forward facing
(08) Other orientation (specify):
(09) Unknown orientation

Designed for Forward Facing for This Age/Weight
(11) Rear facing
(12) Forward facing
(18) Other orientation (specify):
(19) Unknown orientation

Unknown Design or Orientation for This Age/Weight, or Unknown Age/Weight
(21) Rear facing
(22) Forward facing
(28) Other orientation (specify):
(29) Unknown orientation
(99) Unknown if child safety seat used
31. Child Safety Seat Harness Usage
32. Child Safety Seat Shield Usage
33. Child Safety Seat Tether Usage

Note: Options below applicable to
Variables OA31-OA33.
(00) No child safety seat

Not Designed with
Harness/Shield/Tether
(01) After market harness/shield/tether added, not used
(02) After market harness/shield/tether used
(03) Child safety seat used, but no after market harness/shield/tether added
(09) Unknown if harness/shield/tether added or used

Designed with Harness/Shield/Tether
(11) Harness/shield/tether not used
(12) Harness/shield/tether used
(19) Unknown if harness/shield/tether used

Unknown If Designed with Harness/Shield/Tether
(21) Harness/shield/tether not used
(22) Harness/shield/tether used
(29) Unknown if harness/shield/tether used
(99) Unknown if child safety seat used



## OCCUPANT INJURY DATA

|  | Source of Injury Data | O.I.C.-A.I.S. |  |  |  | A.I.S. Severity | Injury Source | Injury Source Confidence Level | Direct/ Indirect Injury | Occupant Area Intrusion No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Body Region | Aspect | Lesion | System Organ |  |  |  |  |  |
| 11th | - | - | - | - | - | - | - - | - | - | - - |
| 12th | - | - | - | - | - | - | - - | - | - | - - |
| 13th | - | - | - | - | - | - | - - | - | - | - - |
| 14th | - | - | - | - | - | - | - - | - | - | - - |
| 15th | - | - | - | - | - | - | - - | - | - | - - |
| 16th | - | - | - | - | - | - | - - | - | - | - - |
| 17th | - | - | - | - | - | - | - - | - | - | - - |
| 18th | - | - | - | - | - | - | - - | - | - | - - |
| 19th | - | - | - | - | - | - | - - | - | - | - - |
| 20th | - | - | - | - | - | - | - - | - | - | - - |
| 21st | - | - | - | - | - | - | - - | - | - | - - |
| 22nd | - | - | - | - | - | - | - - | - | - | - - |
| 23rd | - | - | - | - | - | - | - - | - | - | - |



## SOURCE OF INJURY DATA

## OFFICIAL

(1) Autopsy records with or without hospital medical records
(2) Hospital medical records other than emergency room (eg. discharge summary)
(3) Emergency room records only (including associated $X$ rays or other lab reports)
(4) Private physician, walk-in or emergency clinic

UNOFFICIAL
(5) Lay coroner report
(6) E.M.S. personnel
(7) Interviewee
(8) Other source (specify):
(9) Police

## INJURY SOURCE

FRONT
(01) Windshield
(02) Mirror
(03) Sunvisor
(04) Steering whee! rim
(05) Steering wheel hub/spoke
106) Steering wheel (combination of codes 04 and 05)
(07) Steering column, transmission selector lever, other attachment
(08) Add-on equipment (e.g., CB, tape deck, air conditioner)
(09) Left instrument panel and below
(10) Center -instrument panel and below
(11) Right instrument panel and below
(12) Glove compartment door
(13) Knee boister
(14) Windshield including one or more of the foliowing front header, A-pillar, instrument panel, mirror, or steering assembly (driver side only)
(15) Windshield including one or more of the following front header, A-pillar, instrument panel, or mirror (passenger side only)
(16) Other front object (specify):

## LEFT SIDE

(20) Left side interior surface, excluding hardware or armrests
(21) Left side hardware or armrest
22) Left A pillar
(23) Left B pillar
(24) Other left pillar (specify):
(25) Left side window glass or frame
(26) Left side window glass including one or more of the following: frame, window sill, A-pillar, B-pillar, or roof side rail
(27) Other left side object (specify):

RIGHT SIDE
30) Right side interior surface, excluding hardware or armrests
(31) Right side hardware or armrest
(32) Right A pillar
(33) Right B pillar
(34) Other right pillar (specify):
(35) Right side window glass or frame
(36) Right side window glass including one or more of the following: frame, window sill, A-pillar, B-pillar, roof side rail
(37) Other right side object (specify):

## INTERIOR

40) Seat, back support
(41) Belt restraint webbing/buckle
(42) Belt restraint B-pillar attachment point
(43) Other restraint system component (specify):
41) Head restraint system
(45) Air bag
(46) Other occupants (specify):
(47) Interior loose objects
(48) Child safety seat (specify):
(49) Other interior object (specify):

## ROOF

(50) Front header
(51) Rear header
(52) Roof left side rail
(53) Roof right side rail
(54) Roof or convertible top

FLOOR
(56) Floor including toe pan
57) Floor or console mounted transmission lever, including console
(58) Parking brake handle
(59) Foot controls including parking brake

REAR
(60) Backlight (rear window)
(61) Backlight storage rack, door, etc.
(62) Other rear object (specify):

## EXTERIOR OF OCCUPANT'S VEHICLE

(65) Hood
(66) Outside hardware (e.g., outside mirror, antenna)
67) Other exterior surface or tires (specify): $\langle A$ KOOF DRKOOF SISE KAI2
(68) Unknown exterior objects

EXTERIOR OF OTHER MOTOR VEHICLE
(70) Front bumper
71) Hood edge
(72) Other front of vehicle (specify):
(73) Hood
(74) Hood ornament
(75) Windshield, roof rail, A-pillar
(76) Side surface
(77) Side mirrors
(78) Other side protrusions (specify):
79) Rear surface
(80) Undercarriage
81) Tires and wheels
(82) Other exterior of other motor vehicle (specify):
(83) Unknown exterior of other motor vehicle

OTHER VEHICLE OR OBJECT IN THE ENVIRONMENT
(84) Ground
(85) Other vehicle or object (specity)
(86) Unknown vehicle or object

NONCONTACT INJURY
(90) Fire in vehicle
(91) Flying glass
(92) Other noncontact injury source (specify)
(97) Injured, unknown source

## INJURY SOURCE CONFIDENCE LEVEL

(1) Certain
(2) Probable
(3) Possible
(9) Unknown

## DIRECT/NNDIRECT INJURY

(1) Direct contact injury
(2) Indirect contact injury
3) Noncontact injury
(7) Injured, unknown source

## OCCUPANT INJURY CLASSIFICATION

| O.I.C. | Body Region |
| :--- | :--- |
| (M) | Abdomen |
| (Q) | Ankle-foot |
| (A) | Arm (upper) |
| (B) | Back-thoracolumbar spine |
| (C) | Chest |
| (E) | Elbow |
| (F) | Face |
| (R) | Forearm |
| (H) | Head-skull |
| (U) | Injured, unknown region |
| (K) | Knee |
| (L) | Leg (lower) |
| (Y) | Lower limb(s) (whole or unknown |
| (N) | part) |
| (Peck-cervical spine | Pelvic-hip |
| (S) | Shoulder |
| (T) | Thigh |
| (X) | Upper limb(s) (whole or unknown |
| (O) | Part) |
|  | Whole body |


| (W) | Wrist-hand |
| :---: | :---: |
| Aspect of Injury |  |
| (A) | Anterior-front |
| (B) | Bilateral (rib fracture only) |
| (C) | Central |
| (I) | Inferior-lower |
| (U) | Injured, unknown aspect |
| (L) | Left |
| (P) | Posterior-back |
| (R) | Right |
| (S) | Superior-upper |
| (W) | Whole region |
| Lesion |  |
| (A) | Abrasion |
| (M) | Amputation |
| (V) | Avulsion |
| (B) | Burn |
| (K) | Concussion |
| (C) | Contusion |
| (N) | Crush |


| (G) | Detachment, separation |
| :--- | :--- |
| (D) | Dislocation |
| (F) | Fracture |
| (Z) | Fracture and dislocation |
| (U) | Injured, unknown lesion |
| (L) | Laceration |
| (O) | Other |
| (P) | Perforation, puncture |
| (R) | Rupture |
| (S) | Sprain |
| (T) | Strain |
| (E) | Total severance, transection |

System/Organ

| (W) | All systems in region |
| :--- | :--- |
| (A) | Arteries-veins |
| (B) | Brain |
| (D) | Digestive |
| (E) | Ears |
| (D) | Eye |
| (H) | Heart |
| (U) | Injured, unknown system |

## 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

Indicate the Location, Lesion, 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.)



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


Driver or Occupant Name:

Address:


Other Information:
(Sanitize this section prior to Update submission.)

## STATUS OF LOG INJURY INFORMATION

Injury Information
(00) Not medically treated/record not required
(01) No record of treatment at medical facility
(02) Medical release required - not obtained
(03) Injury not related to accident
(04) Noncooperative hospital
(05) Hospital out-of-study area
(06) Private physician would not release data
(07) Unknown if medically treated
(08) To be updated
(09) Record not received before file closeout
(10) Record not obtained
(11) Record obtained
(12) Partial record obtained - not to be updated
(13) Partial record obtained - to be updated

UPDATED CASE INFORMATION


|  | O.I.C.-A.I.S |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Source <br> of Injury <br> Data | Body <br> Region | Aspect | Lesion | System <br> Organ | A.I.S. <br> Severity |


|  | Injury |  |  |
| :---: | :---: | :---: | :---: |
| Source | Direct/ |  |  |
| Injury | Confidence <br> Source <br> Level | Indirect <br> Injury | Occupant Area <br> Intrusion No. |



NOTE: Keep a photocopy of the following original submitted pages when applicable: Exterior Vehicle Form pages 2, 3, 4; Interior Vehicle Form pages 1 -reverse, 2, 4, 5; Occupant Injury Form pages 2, 3, 3-reverse; Interview Form pages 3, 4, 5. INJURY DATA

Record below the actual injuries sustained by this occupant that were identified from the unofficial and official prior to initial case submission and from subsequently acquired medical data. Remember not to double count an injury just because it was identified from two different sources.


If greater than 10 injuries, code additional on Occupant Injury Data Supplement.


OFFICIAL INJURY DATA - SOFT TISSUE INJURIES

Indicate the Location, Lesion, 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.)


## SOURCE OF INJURY DATA

## OFFICIAL

(1) Autopsy records with or without hospital medical records
(2) Hospital medical records other than emergency room (eg. discharge summary)
(3) Emergency room records only (including associated Xrays or other lab reports)
(4) Private physician, walk-in or emergency clinic

UNOFFICIAL
(5) Lay coroner report
(6) E.M.S. personnel
(7) Interviewee
(8) Other source (specify):
(9) Police

## INJURY SOURCE

FRONT
(01) Windshield
(02) Mirror
(03) Sunvisor
(04) Steering wheel rim
(05) Steering wheel hub/spoke
(06) Steering wheel (combination of codes 04 and 05)
(07) Steering column, transmission selector lever, other attachment
(08) Add-on equipment (e.g., CB, tape deck, air conditioner)
(09) Left instrument panel and below
(10) Center instrument panel and below
(11) Right instrument panel and below
(12) Glove compartment door
(13) Knee bolster
(14) Windshield including one or more of the following: front header, A-pillar, instrument panel, mirror, or steering assembly (driver side only)
(15) Windshield including one or more of the following front header, A-pillar, instrument panel, or mirror (passenger side only)
(16) Other front object (specify):

LEFT SIDE
(20) Left side interior surface, excluding hardware or armrests
(21) Left side hardware or armrest
(22) Left A pillar
(23) Left B pillar
(24) Other left pillar (specify):
(25) Left side window glass or frame
(26) Left side window glass including one or more of the following: frame, window sill, A-pillar, B-pillar, or roof side rail
(27) Other left side object (specify):

## RIGHT SIDE

(30) Right side interior surface, excluding hardware or armrests
(31) Right side hardware or armrest
(32) Right A pillar
(33) Right B pillar
(34) Other right pillar (specify):
(35) Right side window glass or frame
(36) Right side window glass including one or more of the following: frame, window sill, A-pillar, B-pillar, roof side rail
(37) Other right side object (specify):

## INTERIOR

(40) Seat, back support
(41) Belt restraint webbing/buckle
(42) Belt restraint B-pillar attachment point
(43) Other restraint system component (specify):
(44) Head restraint system
(45) Air bag
(46) Other occupants (specify):
(47) Interior loose objects
(48) Child safety seat (specify):
(49) Other interior object (specify):

## ROOF

(50) Front header
(E1) Rear header
(52) Roof left side rail
(53) Roof right side rail
(54) Roof or convertible top

## FLOOR

(56) Floor including toe pan
(57) Floor or console mounted transmission lever, including console
(58) Parking brake handle
(59) Foot controls including parking brake

REAR
(60) Backlight (rear window)
(61) Backlight storage rack, door, etc.
(62) Other rear object (specify):

EXTERIOR OF OCCUPANT'S VEHICLE
(65) Hood
(66) Outside hardware (e.g., outside mirror, antenna)
(67) Other exterigr surface or tires (specify):
$B O C F$
(68) Unknown exterior objects

EXTERIOR OF OTHER MOTOR VEHICLE
(70) Front bumper
(71) Hood edge
(72) Other front of vehicle (specify):
(73) Hood
74) Hood ornament
(75) Windshield, roof rail, A-pillar
76) Side surface
77) Side mirrors
(78) Other side protrusions (specify):
(79) Rear surface
(80) Undercarriage
(81) Tires and wheels
(82) Other exterior of other motor vehicle (specity):
(83) Unknown exterior of other motor vehicle

OTHER VEHICLE OR OBJECT IN THE ENVIRONMENT
(84) Ground
(85) Other vehicle or object (specify)
(86) Unknown vehicle or object

NONCONTACT INJURY
(90) Fire in vehicle
(91) Flying glass
(92) Other noncontact injury source (specify)
(97) Injured, unknown source

## INJURY SOURCE CONFIDENCE LEVEL

(1) Certain
(2) Probable
(3) Possible
(9) Unknown

## DIRECT/INDIRECT INJURY

(1) Direct contảct injury
(2) Indirect contact injury
(3) Noncontact injury
(7) Injured, unknown source

## OCCUPANT INJURY CLASSIFICATION

## O.I.C. Body Region

| (M) | Abdomen |
| :--- | :--- |
| (Q) | Ankle-foot |
| (A) | Arm (upper) |
| (B) | Back-thoracolumbar spine |
| (C) | Chest |
| (E) | Elbow |
| (F) | Face |
| (R) | Forearm |
| (H) | Head-skull |
| (U) | Injured, unknown region |
| (K) | Knee |
| (L) | Leg (lower) |
| (Y) | Lower limb(s) (whole or unknown |
|  | part) |
| (N) | Neck-cervical spine |
| (P) | Pelvic-hip |
| (S) | Shoulder |
| (T) | Thigh |
| (X) | Upper limb(s) (whole or unknown |
|  | part) |
| (O) | Whole body |


| (W) | Wrist-hand |
| :---: | :---: |
| Aspect of Injury |  |
| (A) | Anterior-front |
| (B) | Bilateral (rib fracture only). |
| (C) | Central |
| (I) | Inferior-lower |
| (U) | Injured, unknown aspect |
| (L) | Left |
| (P) | Posterior-back |
| (R) | Right |
| (S) | Superior-upper |
| (W) | Whole region |
| Lesion |  |
| (A) | Abrasion |
| (M) | Amputation |
| (V) | Avulsion |
| (B) | Burn |
| (K) | Concussion |
| (C) | Contusion |
| (N) | Crush |

(G) Detachment, separation
(D) Dislocation
(F) Fracture
(Z) Fracture and dislocation
(U) Injured, unknown lesion
(L) Laceration
(0) Other
(P) Perforation, puncture
(R) Rupture
(S) Sprain
(T) Strain
(E) Total severance, transection

## System/Organ

| (W) | All systems in region |
| :--- | :--- |
| (A) | Arteries-veins |
| (B) | Brain |
| (D) | Digestive |
| (E) | Ears |
| (O) | Eye |
| (H) | Heart |
| (U) | Injured, unknown system |


| (II | Integumentary |
| :--- | :--- |
| (J) | Joints |
| (K) | Kidneys |
| (L) | Liver |
| (M) | Muscles |
| (N) | Nervous system |
| (P) | Pulmonary-lungs |
| (R) | Respiratory |
| (S) | Skeletal |
| (C) | Spinal cord |
| (Q) | Spleen |
| (T) | Thyroid, other endocrine gland |
| (G) | Urogenital |
| (V) | Vertebrae |

## 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

OFFICIAL INJURY DATA - SKELETAL INJURIES

Indicate the Location, Lesion, 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, Lesion, 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.)

26. Seat Type (This Occupant Position)

(00) Occupant not seated or no seat
(01) Bucket
(02) Bucket with folding back
(03) Bench
(04) Bench with separate back cushions
(05) Bench with folding backs)
(06) Split bench with separate back cushions
(07) Split bench with folding backs)
(08) Pedestal (ie., van type)
(09) Other seat type (specify):
(99) Unknown
27. Seat Performance (This Occupant Position)
(0) Occupant not seated or no seat
(1) No seat performance failures)
(2) Seat adjusters failed
(3) Seat back folding locks failed
(4) Seat track/anchors failed
(5) Deformed by impact of occupant
(6) Deformed by passenger compartment intrusion (specify):
(7) Combination of above (specify):
(8) Other (specify):
(9) Unknown

## CHILD SAFETY SEAT

28. Child Safety Seat Make/Model
(000) No child safety seat

Applicable codes are found in your NASS CDS
Data Collection, Coding, and Editing Manual
(997) Other make/model (specify):
(998) Unknown make/model
(999) Unknown if child safety seat used
29. Type of Child Safety Seat
(0) No child safety seat
(1) Infant seat
(2) Toddler seat
(3) Convertible seat
(4) Booster seat
(7) Other type child safety seat (specify):
(8) Unknown child safety seat type
(9) Unknown if child safety seat used
30. Child Safety Seat Orientation

(00) No child safety seat

Designed for Rear Facing for This Age/Weight
(01) Rear facing
(02) Forward facing
(08) Other orientation (specify):
(09) Unknown orientation

Designed for Forward Facing for This Age/Weight
(11) Rear facing
(12) Forward facing
(18) Other orientation (specify):
(19) Unknown orientation

Unknown Design or Orientation for This Age/Weight, or Unknown Age/Weight
(21) Rear facing
(22) Forward facing
(28) Other orientation (specify):
(29) Unknown orientation
(99) Unknown if child safety seat used
31. Child Safety Seat Harness Usage
32. Child Safety Seat Shield Usage
33. Child Safety Seat Tether Usage

Note: Options below applicable to
Variables OA31-OA33.
(00) No child safety seat

Not Designed with
Harness/Shield/Tether
(01) After market harness/shield/tether added, not used
(02) After market harness/shield/tether used
(03) Child safety seat used, but no after market harness/shield/tether added
(09) Unknown if harness/shield/tether added or used

Designed with Harness/Shield/Tether
(11) Harness/shield/tether not used
(12) Harness/shield/tether used
(19) Unknown if harness/shield/tether used

Unknown If Designed with Harness/Shield/Tether
(21) Harness/shield/tether not used
(22) Harness/shield/tether used
(29) Unknown if harness/shield/tether used
(99) Unknown if child safety seat used

| 1. Primary Sampling Unit Number <br> 2. Case Number-Stratum |  |  |  | $99$ | $A$ | 3. Vehicle Number <br> 4. Occupant Number |  |  |  | $\frac{01}{02}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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. |  |  |  |  |  |  |  |  |  |  |
| O.I.C.-A.I.S. |  |  |  |  |  |  | Injury  <br> Source  <br> injury Confidence <br> Level <br> Source  |  | Direct/ Indirect Injury | Occupant Area Intrusion No. |
|  | Source of Injury Data | Body Region | Aspect | Lesion | System Organ | A.I.S. Severity |  |  |  |  |
| 1st | $5.9$ | $6 . H$ |  | $\text { 8. } 4$ | 9. <br> $\because$ | $10.7$ | $\text { 11. } 9$ | $12.9$ | $\text { 13. } 7$ | 14. 99 |
| 2nd | 15. | 16. - | 17. - | 18. | 19. | 20. | 21 | 22. | 23. - | 24. |
| 3rd | 25. - | 26. | 27. | 28. - | 29. | 30. - | 31. | 32. | 33. | 34. |
| 4th | 35. - | 36. - | 37. - | 28. | 39. | 40. | 41. | 42. - | 43. - | 44. - - |
| 5th | 45. - | 46. - | 47. | 48. | 49. | 50. - | 51. | 52. - | 53. - | 54. - - |
| 6th | 55. - | 56. - | 57. | 58. - | 59. | 60. - | 61. - | 62. | 63. - | 64. |
| 7th | 65. - | 66. - | 67. | 68. | 69. | 70. - | 71. | 72. | 73. - | 74. |
| 8 th | 75. - | 76. | 77. - | 78. | 79. - | 80. - | 81. | 82. - | 83. - | 84. - - |
| 9th | 85. - | 86. - | 87. - | 88. - | 89. | 90. | 91. | 92. - | 93. - | 94. - - |
| 10th | 95. - | 96. | 97. - | 98. | 99. - | 100. - | 101. | 102. - | 103. - | 104. - - |

OCCUPANT INJURY DATA

|  | $\begin{aligned} & \text { Source } \\ & \text { of Injury } \\ & \text { Data } \end{aligned}$ | o.I.C.-A.I.s. |  |  |  | A.I.S. ${ }_{\text {Severity }}^{\text {S. }}$ | Injury Source | $\begin{gathered} \text { Injury } \\ \text { Source } \\ \text { Contidence } \\ \text { Level } \end{gathered}$ | Direct/ Indirect Injury | Occupant Area Intrusion No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{aligned} & \text { Body } \\ & \text { Region } \end{aligned}$ | Aspect | Lesion | $\begin{aligned} & \text { System } \\ & \text { Organ } \end{aligned}$ |  |  |  |  |  |
| 11th | - | - | - | - | - | - | - - | - | - | - - |
| 12th | - | - | - | - | - | - | - - | - | - | - - |
| 13th | - | - | -. | - | - | - | - | - | - | -- |
| 14th | - | - | - | - | - | - | -- | - | - | - - |
| 15th | - | - | - | - | - | - | - - | - | - | - |
| 16th | - | - | - | - | - | - | - | - | - | - |
| 17th | - | - | - | - | - | - | -- | - | - | - - |
| 18th | - | - | - | - | - | - | - - | - | - | - |
| 19th | - | - | - | - | - | - |  | - | - | - - |
| 20th | - | - | - | - | - | - | -- | - | - | - -- |
| 21st | - | - | - | - | - | - | -- | - | - | - |
| 22nd | - | - | - | - | - | - | - | - | - | - |
| 23rd | - | - | - | - | - | - | $=$ | - - |  |  |

Indicate the Location, Lesion, 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.)


## SOURCE OF INJURY DATA

OFFICIAL
(1) Autopsy records with or without hospital medical records
(2) Hospital medical records other than amergency room (eg. discharge summary)
(3) Emergency room records only (including associated $X$ rays or other lab reports)
(4) Private physician, walk-in or emergency clinic

UNOFFICIAL
(5) Lay coroner report
(6) E.M.S. personnel
(7) Interviewee
(8) Other source (specify):
(9) Police

## INJURY SOURCE

FRONT
(01) Windshield
(02) Mirror
(03) Sunvisor
(04) Steering wheel rim
(05) Steering wheel hub/spoke
(06) Steering wheel (combination of codes 04 and 05)
(07) Steering column, transmission selector lever, other attachment
(08) Add-on equipment (e.g., CB, tape deck, air conditioner)
(09) Left instrument panel and below
(10) Center-instrument panel and below
(11) Right instrument panel and below
(12) Glove compartment door
(13) Knee bolster
(14) Windshield including one or more of the following: front header, A-pillar, instrument panel, mirror, or steering assembly (driver side only)
(15) Windshield including one or more of the following: front header, A-pillar, instrument panel, or mirror (passenger side only)
(16) Other front object (specify):

## LEFT SIDE

(20) Left side interior surface, excluding hardware or armrests
(21) Left side hardware or armrest
(22) Left A pillar
(23) Left B pillar
(24) Other left pillar (specify):
(25) Left side window glass or frame
(26) Left side window glass including one or more of the following: frame, window sill, A-pillar, B-pillar, or root side rail
27) Other left side object (specify):

RIGHT SIDE
(30) Right side interior surface, excluding hardware or armrests
(31) Right side hardware or armrest
(32) Right A pillar
(33) Right $B$ pillar
(34) Other right pillar (specify):
(35) Right side window glass or frame
(36) Right side window glass including one or more of the following: frame, window sill, A-pillar, B-pillar, roof side rail
(37) Other right side object (specify):

INTERIOR
(40) Seat, back support
(41) Belt restraint webbing/buckle
(42) Belt restraint 8 -pillar attachment point
(43) Other restraint system component (specify):
(44) Head restraint system
(45) Air bag
(46) Other occupants (specify):
(47) Interior loose objects
(48) Child safety seat (specify):
(49) Other interior object (specify):

ROOF
(50) Front header
(51) Rear header
(52) Roof left side rail
(53) Roof right side rail
(54) Roof or convertible top

FLOOR
(56) Floor including toe pan
(57) Floor or console mounted transmission lever, including console
(58) Parking brake handle
(59) Foot controls including parking brake

REAR
(60) Backlight (rear window)
(61) Backlight storage rack, door, etc.
(62) Other rear object (specify):

## EXTERIOR OF OCCUPANT'S VEHICLE

(65) Hood
66) Outside hardware (e.g., outside mirror, antenna)
(67) Other exterior surface or tires (specify):

## 68) Unknown exterior objects

EXTERIOR OF OTHER MOTOR VEHICLE
(70) Front bumper
(71) Hood edge
(72) Other front of vehicle (specify):
(73) Hood
(74) Hood ornament
(75) Windshield, roof rail, A-pillar
(76) Side surface
(77) Side mirrors
(78) Other side protrusions (specify):
(79) Rear surface
(80) Undercarriage
181) Tires and wheels
(82) . Other exterior of other motor vehicle (specify):
83) Unknown exterior of other motor vehicle

OTHER VEHICLE OR OBJECT IN THE ENVIRONMENT
(84) Ground
(85) Other vehicle or object (specify)
(86) Unknown vehicle or object

NONCONTACT INJURY
(90) Fire in vehicle
(91) Flying glass
(92) Other noncontact injury source (specify)
(97) Injured, unknown source

## INJURY SOURCE CONFIDENCE LEVEL

(1) Certain
(2) Probable
(3) Possible
(9) Unknown

## DIRECT/INDIRECT INJURY

(1) Direct contact injury
(2) Indirect contact injury
(3) Noncontact injury
(7) Injured, unknown source

## OCCUPANT INJURY CLASSIFICATION

|  | Body Region | (W) | Wrist-hand | (G) | Detachment, separation Dislocation | (I) | Integumentary Joints |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| (M) | Abdomen | Asp | of Injury | (F) | Fracture | (K) | Kidneys |
| (a) | Ankle-foot |  |  | (Z) | Fracture and dislocation | (L) | Liver |
| (A) | Arm (upper) | (A) | Anterior-front <br> Bilateral (rib fracture only) | (U) | Injured, unknown lesion | (M) | Muscles |
| (B) | Back-thoracolumbar spine | (B) | Central (rib fracture only). | (L) | Laceration | ( N ) | Nervous system |
| (C) | Chest | (II) | Central | (0) | Other | (P) | Pulmonary-lungs |
| (E) | Elbow | (II) | Inferior-lower | (P) | Perforation, puncture | (R) | Respiratory |
| (F) | Face | (1) | Injured, unknown aspect | (R) | Rupture | (S) | Skeletal |
| (R) | Forearm | (P) | Posterior - back | (S) | Sprain | (C) | Spinal cord |
| (H) | Head-skull | (R) | Posterior-back Right | (T) | Strain | (0) | Spleen |
| (U) | Injured, unknown region | (S) | Right Superior-upper | (E) | Total severance, transection | (T) (G) | Thyroid, other endocrine gland |
| (L) | Knee | (W) | Whole region |  |  | (V) | Vertebrae |
| (Y) | Lower limb(s) (whole or unknown part) | Les |  | Sys | All systems in region |  | viated Injury Scale |
| (N) | Neck-cervical spine | (A) | Abrasion | (A) | Arteries-veins |  |  |
| (P) | Pelvic-hip | (M) | Amputation | (B) | Brain | (1) | Minor injury |
| (S) | Shoulder | (V) | Avulsion | (D) | Digestive | (2) | Moderate injury |
| (T) | Thigh | (B) | Burn | (E) | Ears | (3) | Serious injury |
| (X) | Upper limb(s) (whole or unknown | (K) | Concussion | (0) | Eye | (4) | Severe injury |
|  | part) | (C) | Contusion | (H) | Heart | (5) | Critical injury |
| (0) | Whole body | (N) | Crush | (U) | Injured, unknown system | (6) (7) | Maximum (untreatable) Injured, unknown severity |

Indicate the Location, Lesion, 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.)


Indicate the Location, Lesion, 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.)



NO MOFE INTFA EFFOFS - FFESS ENTEF:

1991 ACCIDENT FOFM

1. FSU Number 8 .

IDENTIFIEATION

SFEEIAL STUDIES INDIEATOFS
E. SS12 0 7. SS13

NUMEEF OF EVENTS 11. Number af Fecorded Events in AEcident ol
ACCIDENT EVENTS


1991 GENERAL VEHICLE FORM

1. FSU Number 81
2. Case Number 199A
3. Vehicle Number 01

VEHICLE IDENTIFICATION

| 4. Model Year | 92 | 5. Matce | 59 |
| :--- | :--- | :--- | :--- |
| E. Model | O32 | 7. Eody Type | 04 |
| 8. VIN | JTBUF11E4NO |  |  |

OFFIEIAL REGORDS
9. Folice Feported Dispasition 1 10. Folice Feported Travel Speed 99
11. Folice Fep. Alcohal Fresence 1 12. Alsohal Test Fesult far Driver 13

ACLIDENT FELATED
13. Speed Limit 55
15. Aceident Type 02

OCLUFANT FELATED
16. Driver Fresence in Vehicle 1
18. No. Occupant Forms Submitted 02

VEHICLE WEIGHT ITEMS
19. Vehicle Gurb Weight 038

FEG:ONSTFUITTION DATA
21. Towed Trailing Unit O
23. Fost Eig. Gand. af Tree/Fole 0
5. Mate 59
7. Eady Type 04
14. Attempted Avaid. Manuever

OVEFEIDE/UNDEFFIDE (this vehicle)
$25 . F 0$ OE. FO
HEADING ANGLE AT IMFACT FOF: HIGHEST DELTA $V$
27. Heading Angle This Vehisle 997 28. Heading Angle Other Vehicle 997
29. Basis for Tatal Delta $V$ 5

GOMFUTEF GENERATED DELTA $V$
30. Tatal Delta $V$ 99
31. Longitudinal Eomponent of Delta $V$ Gヲ
32. Lateral Eomponent of Delta $V$ 9
33. Energy Absorption -99ヲ9
34. Eonfidence in Feconstruction Frogram Fiesults o
35. Type af Vehicle Inspection o

3E. Is this an AOFG vehicle?
37. Folice Feported Other Drug Fresence

0
38. Folice Observation/Ferception Test Type for Driver

0
3G. Other Drug Specimen Test Type for Driver

| DEC: Observation/ | Specimen |
| :---: | :---: |
| Perception | Test |
| Test Results | Results |
| 40.0 | 41.0 |
| 42.0 | 43.0 |
| 44.0 | 45.0 |
| 46.0 | 47.0 |
| 48.0 | 49.0 |
| 50.0 | 51.0 |
| 52.0 | 53.0 |
| 54.0 | 55.0 |

1. FSU Number 81
2. Case Number 199A
3. Vehicle Number OI
4. Occupant Number 01

OCLUFANT'S LHARACTERISTICS



GHild gafety seat
28. Child/Safety Seat Make/Model 000
29. Type of Child Safety Seat o
30. Orientation oo
31. Harness 00
32. Shield 00
33. Tether 00

## INJUFY EONSEQUENDES

```
34. Severity (Folice Fating) 4 35. Treatment - Mortality |
36. Type of Med. Fagility ©Initial) o 37. Haspital Stay 00
38. Warking Days Lost . E2 39. Time to Death 01
mEDIEALLY FEFOFTED EAUSE OF DEATH
40. Cause #1 99 41. Cause #2 00 42. Gause #3 00
43. Number af Fegorded Im.juries 01
```

44. Automatic (Fassive) Eelt System Availability/Function - o
45. Automatit (Fassive) Eelt System Use o
4G. Automatic (Fassive) Eelt System Type o
46. Froper Use af Automatic (Fassive) Eelt System o
47. Automatic (Fassive) Eelt System Failure Mode o
HH1271 $2 *^{*} * * * *$ THIS IGSE SHOWS EJETTION WITH FESTEATNT USEAGE. $* * * * *$
HH1272 **** GHECK YOUF DATA AND IF EOFFEET, NOTIFY YOUF ZONE ******
HH1273 EJELTION QA12 is Equal to $1-3$ and MANUAL EELT USE OA1B dGES nOt
HH1274 equal oo ar AIF EAE DEFLOYMENT DAZ玉 daes not equal o
$\mathrm{HH1275}$
or AUTOMATIE EELT USE DA4E does not equal o).
HH12BI $2 *^{*} * * * * *$ THIS VEHIELE IS INIGATED AS HAVTNG AN AIEBAG. *****
HH1282 ***** EHEGK YOUF DATA AND IF EOFFEGT, NOTIFY YOUF ZONE ******
HH12S3 AIF EAG AVAILAEILITY/FUNETION OAZ1 Equal= $1-3$.

1991 OLCUFANT INJUFY FOFM

1. FSU NUMEEF 81
2. CASE NUMEEF 199A
3. VEHILLE NUMEEE OI
4. DELUFANT NUMEEF OI

INJUEY DATA

| SOUFIGE |  |  |  |  |  |  | INJUEY SOUFICE | DIF. $/$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| OF INJUF:Y | EODY |  |  | SYSTEM | A.I.S. | INJUFY | CONFID. | INDIE: | OLE: AFEA |
| DATA | FEGION | ASFECT | LESION | OFIGAN | SEVEEITY | SOUFICE | LEVEL | INJUFY | INTE: NO. |
| 01. 9 | H | U | U | U | 7 | 97 | 9 | 7 | 99 |

1. PSU Number

81
2. Case Number 199A
3. Vehicle Number 01
4. Occupant Number oz

OCCUFANT'S CHARACTERISTICS

| 5. | Age | 31 E. | Sex | 1 | 7 | Height | 72 | 8. | Weight | 210 | 9. Fol |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10. | Seat | Fosition |  | 13 |  | Fosture | ¢ |  |  |  |  |  |
| EJECTION/ENTFAFMENT |  |  |  |  |  |  |  |  |  |  |  |  |
| 12. | Ejec | ion | 0 |  | 13. | jection | ea | 0 | 14. | Ejection | Medium |  |
| 15. | Medi | im status | 0 |  | 16. | ntrapment |  | 0 |  |  |  |  |

## EESTEAINT SYSTEM AND SEAT EVALUATION

17. Belt System Availability 4 18. Belt System Use O4
18. Froper Use of Eelt $1 \quad 20$. Belt Failure Modes During Impact 9
19. Air Eag Availability o 22. Air Bag Deplayment o
20. Did Air Eag Fail? 0 24. Folire Reported Restraint Use 4
21. Head Eestraint Type/Damage by Occupant at this Fosition G
22. Seat Type. 99 27. Seat Ferformance 9

CHILD SAFETY SEAT
28. Ghild/Safety Seat Make/Model ooo
29. Type of Child Safety Seat o
30. Orientation 00
31. Harness 00
32. Shield 00
33. Tether 00

INJURY CONSEQUENLES

43. Number of Fecorded Injuries 01

44: Automatic (Fassive) Eelt System Availability/Function o
45. Automatir (Fassive) Eelt System Use o

4E. Automatic (Fassive) Eelt System Type o
47. Froper Use af Automatic (Fassive) Belt Systen o
48. Automatir (Fassive) Eelt System Failure Mode o



NO MOFE INTFA EFROFS - FRESS ENTEF:
1991 ACCIDENT FOFM

1. FSU Number 81
2. Gase Number $199 A$
IDENTIFICATIDN
3. Na. af G.V. Farms Sub. 01 4. Accident Date mammal 5. Accident Time 2355
SFEEIAL STUDIES INDIEATOES

NUMEEF OF EVENTS 11. Number af Fecorded Events in Actident ol

ALLIDENT EVENTS


37. Fialice Feported Other Drug Fresence o
30. Folice Observation/Ferception Test Type for Driver o
39. Other Drug Specimen Test Type for Driver o

```
Narcotic Drug
Depressant Drug
Stimulant Drug
HalluEingqen Drug
Eannabingid Drug
Fhency=1idine(FLF)
Inhalant Drug
Other Drug
Narcatic Drug
Depressant Drug
Hallumingqen Drug
Gannabinaid Drug
Fhencyclidine (FGF)
Inhalant Drug
Other Drug
```

DEE: Observation/

Ferception
Test Fesults
40.0
42.0
44.0
46.0
43.0
50. 0
52.
54.0

Specimen
Test
Fesults
41.0
43.0
45.0
47.0
49.0
51. 0
53.0
55.0

1991 NATIONAL ACTIDENT SAMFLING SYSTEM
EFEOE SUMMAEY SEREEN

| FOEM NAME | NUMEER OF DOLLAE SIGNS | NUMBEE OF LEVEL 1 EREORS | NUMEEE OF LEVEL 2 ERRORS | VEESI <br> NUME CONSIS |
| :---: | :---: | :---: | :---: | :---: |
| Actident | 0 | 0 | 0 | $Y$ |
| Generel Vehicle | $\bigcirc$ | 0 | 0 | $Y$ |
| Vehicle Exterior | 0 | 0 | 0 | $Y$ |
| Vehicle Interior | o | 0 | 0 | $Y$ |
| Dicupant Assessment | 0 | 0 | $\underline{2}$ | $Y$ |
| Dreupant Injury | \% | 0 | 9 | $Y$ |
| Total Inter Errars |  | 0 | 0 |  |
| Tatal Ease Errars | O | 0 | 2 |  |

IDENTIFICATION

SFEEIAL STUDIES INDIEATOES
E. 5S12 0 7. 5S13 0
3. 5514 - 1.35150 .50 .5160

NUMEEF OF EVENTS
11. Number Gf Fegorded Events in AGEident 03

AC:IDENT EVENTS

| AEcident Sequence Number | Venicle Number | Class af Vehicle | General Area af Damage | $\begin{aligned} & \text { Veh. Num. } \\ & \text { Ebif: Eant: } \end{aligned}$ | C1ass of Vehicle | Beneral Area gf Damage |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 012. 01 | 013.01 | O14. O4 | 015. 3 | 016. 50 | 917.00 | 018. |
| 019.02 | 020.01 | 21. 04 | 22. 9 | 玉玉. 50 | 224. 00 | 225. |
| 02E. 03 | 027. 91 | 2e8. 04 | 99.9 | 90. 31 | 931. 00 | 332. N |

1991 DCQUFAT ASSESGMENT FOEM

```
1. FSU Number
81
2. Gase Number IG9A
3. Vehinle Number Ot
4. Decupant Number Ol
DGUPANT'S EHAFAGTEETSTILS
```



```
EIEETION/ENTRAFMENT
Iz Ejection 2 ב. Ejection Aree z & E. Ejection medicm &
15. Medium Status Э
1G. Entrapment O
```

FESTEAINT SYSTEM AND SEAT EVALUATICN

19. Froper Use of Eelt $\quad$ o E Elt Failure Modes During impadt o
21. Air Eag Availability $\quad$ i 2. Air Eag Deployment 4

25. Head Eestraint Type/Damage by Dceupant at fhis Fositian $\quad$ G
2G. Seat Type 97 27. Sest Ferformanie 5

GHILD SAFETY SEAT
2B. फild/Gafety Seat miabe/Madel ou
2G. Type af Ghild Safety Seat o
30. Drientation oo
31. Harness oo
32. Shield oo
33. Tether oo

```
INJUFY GONSEQUENOES
34. Severity (FGlice Fating` 4 SE. Treatment - Mortality I
36. Type af Med. Fa=ility (Initial) O 37. Hospital Stay oo
3B. WGrting Days LGst Ez JG.Time tG Deetry Ol
MEDIG:ALLY FEFOFTED EAUSE OF DEATH
```



```
43. Number Gf Fecgraed In.juries 18
```

44. Autamati iFassive) Eelt System Availatility/Functian o
45. Automatí (Fa三sive) Belt System Use of
4E. Automatí (Fassive) Eelt System Type o
46. Frgper Use af Automatit (Fassive) Eelt System o
4e. Autcmatio faseive? EElt Ey三tem Failure Mooe o

HH1271
HH1272 HH1273 HH1274 HH1275

HH1281
HH1232
HH1283

2 ******* THIS CASE SHOWS EJECTION WITH EESTEAINT USEAGE. ****** ****** CHECK YOUF DATA AND IF COEEECT, NOTIFY YOUF ZONE ****** EJEGTION OAIZ is equal to $1-3$ and MANUAL BELT USE OA18 does not equal OO of AIE EAG DEFLOYMENT GAZZ oGes not equal o or AUTOMATIC belt USE OAas does not equal 0 .
$2 \boldsymbol{Z}^{* * * * * * * ~ T H I S ~ V E H I G L E ~ I S ~ I N I C A T E D ~ A S ~ H A V I N G ~ A N ~ A I E B A G . ~ * * * * * ~}$ ****** CHECK YOUR DATA AND IF COEEEGT, NOTIFY YOUR ZONE ******* AIE EAG AVAILABILITY/FUNC:TION OAZ1 Equals $1-3$.

1. FSU NUMEEE 81
2. CASE NUMBEE $19 \exists \mathrm{~A}$
3. VEHIELE NUMEEE OI
4. occlifant number 01

INJUEY DATA


| 01. | 1 | $N$ | $A$ | $F$ | $S$ | 2 | 67 | 3 | 1 | 99 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 02. | 1 | $N$ | $A$ | $F$ | $F$ | 3 | 67 | 3 | 1 | 9 |
| 0. | 1 | $H$ | $W$ | $N$ | $W$ | 6 | 67 | 3 | 1 | 9 |
| 04. | 1 | $F$ | $U$ | $F$ | $S$ | 2 | 67 | 3 | 1 | 99 |
| 05. | 1 | $F$ | $I$ | $F$ | $S$ | 2 | 67 | 3 | 1 | 99 |
| 06. | 1 | $W$ | $F$ | $A$ | $I$ | 1 | 34 | 3 | 1 | 99 |
| 07. | 1 | $W$ | $L$ | $A$ | $I$ | 1 | $B 4$ | 3 | 1 | 99 |


| 08. | 1 | W | $L$ | C | I | 1 | 84 | 3 | 1 | 97 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 09. | 1 | E | $\underline{\square}$ | E | I | 1 | 26 | 3 | 1 | 99 |
| 10. | 1 | N | P | L | I | 1 | $こ も$ | 3 | 1 | 99 |
| 11. | 1 | H | $F$ | $L$ | I | 1 | 67 | 3 | 1 | 99 |
| 12. | 1 | $F$ | W | L | I | 2 | 67 | 3 | 1 | 97 |
| 13. | 1 | $F$ | 5 | $E$ | I | 1 | E. 7 | 3 | 1 | 99 |
| 14. | 1 | $F$ | F: | A | I | 1 | 67 | 3 | 1 | 93 |
| 15. | 1 | F | I | 1 | D | 1 | 97 | 9 | 7 | 95 |
| 16. | 1 | $F$ | $F$ | $E$ | 0 | 1 | 84 | 3 | 1 | 99 |
| 17. | 1 | $F^{-}$ | L | $L$ | 0 | 1 | 84 | 3 | 1 | 93 |
| 18. | 1 | $F$ | $L$ | $\square$ | 0 | 1 | 84 | 3 | 1 | 97 |

HH1271 2 ****** THIS CASE SHOWS EJEGTION WITH RESTEAINT USEAGE. ****** HH1272 HH127S HH1274 HH1275

HH1281
HH1 28 C
2 ****** THIS VEHICLE IS INICATED AS HAVING AN AIREAG.
HH1283
***** CHECK YOUR DATA AND IF COEEEET, NOTIFY
AIF EAG AVAILAEILITY/FUNGTION OAZ1 EqUEIE $1-3$.

$914.031000000000012355001000 \mathrm{~S}^{2} \mathrm{Zam}$ 914.0310000000000104950000 814.0310000000000104950000
514.031000000000010493100 N
$4.03 .000000000925903204 \mathrm{JTEUF} 11 \mathrm{E} 4 \mathrm{NO} \quad 19911355990210202036$ 9999999001
81199 AO 1000022 81199A01010051.
4.030000000000000000000000000000

062010300001800000
$31199 A 01010161$
31199A01010261
$81199 \mathrm{AO1010361}$
81.199A01010461
$81199 \mathrm{AO10105E1}$
$81199 A 01010661$
81199401010761
81199A01010861
81199A01010961
$81199 \mathrm{AO1011061}$
81199A01011161
$81199 \mathrm{AO1011261}$
$31199 \mathrm{AO1011361}$
81199A01011461
81199A01011561
$81199 A 010116 E 1$
B1199A010117E1
B1199A01011861
81199 AO 1020051
4.030000020003117122011192249040000141099990000000000004100
$4.03 .0000000001 \mathrm{NAFS2E73199}$
4.030000000001 NAFR 3673199
4.030000000001 HWNWEE 73199
4.030000000001 FUFS2673199 *
$4.03000000001 F$ IFSE 2673199
4.03000000001 WRAI 1843199
4.03000000001 WLAI 1843199
4.03000000001 WLEI1843195
4.03000000000100 CI 1263199
4.030000000001 NFLI 1263199
4.030000000001 HELI 1673199
4.030000000001 FWLI26731 35
4.03 0000000001FSCI1673195
4.030000000001 FEAI E73199
4.03000000001 FILD1979799
$4.030000000001 \mathrm{FFC01843199}$
4.03 .0000000001 FLLO1843199
$4.030000000001 F L C 01843153$
4.030000000003117221021300000040419000499990000000000002310

199000000000100000
$81199 A 01020161$
31199488888889 00000000
81199499999999
$4.030000000009 \mathrm{HUUU7979799}$
$514.031000000000 Y Y 0101$ YYY0201Y0000000000000000000000000000000000 114:0310000000000000000000000000000000000000000000000000080000
00000000000000

NUMEEE: OF
FOFM NAME

NUMEEE OF
EEVEL 1
EFFORS

NUMEEE OF LEVEL 2 EEFOFS

VEPSTON
NUMEEF: GONSISTENT

| Aににident | 9 | 0 | 0 | $Y$ |
| :---: | :---: | :---: | :---: | :---: |
| General Vehicle | 9 | 0 | 0 | $Y$ |
| Uehicle Exterior | 0 | 0 | ) | $Y$ |
| Vehicle Intericur | ] | 0 | 0 | $Y$ |
| DEGupant $A$ ssessmant | 0 | 0 | $\underline{Z}$ | Y |

Occupant Injury

Total Inter Errors

Total Ease Errors

O $Y$

0

2

Case Number -Stratum $\qquad$
9914


| Sile | $\substack{\text { Veniciel } \\ \text { No. }}$ |  | Doscsipioso of Stides Subier Mater |
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PSU 81-199A(1991) \#1
Best Available


PSU 81-199A(1991) \#2

## Best Available



PSU 81-199A(1991) \#3
Best Available


PSU 81-199A(1991) \#4 Best Available

PSU 81-199A(1991) \#5
Best Available


PSU 81-199A(1991) \#6
Best Available


PSU 81-199A(1991) \#7
Best Available


PSU 81-199A(1991) \#8
Best Avialable


PSU 81-199A(1991) \#9 Best Available

PSU 81-199A(1991) \#10

## Best Available

