



U.S. Department of Transportation

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.

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#### PEDESTRIAN CASE SUMMARY

NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

PSU <u>70</u>

CASE NO. 607P

TYPE OF ACCIDENT CAR/PEdestRIAN / CROSSING ROOK Straight

#### 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. Pedestrian injury mechanism and vehicle interaction is the focus, not pedestrian or driver culpability. <u>Do not include any personal identifiers.</u>)

Vehicle 1 was foweling west and making left tuen, began approaching South diesction. Three

Pedestrians, (An adult wellow children) were crossing at intersection - traveling westward.

Vehicle 1 then Struck two of the pedestrians with vehicle founts of plane. The third pedestrian

Received injuries from ground contact only. There seems to be no sufficient evidence supporting

the third pedestrian's contact with vehicle. Pedestrians were transported to medical

facilities receiving treatment and release.

	B. PEDESTRIAN PROFILE											
Pedestrian					Most Severe Injury (TO BE COMPLETED BY ZONE CENTER)							
No.	Age	Sex	Mortality	Body Region	Ana. Struc.	AIS	Injury Source					
01	3	MALE	Transported/ Released	LOWER. Extremty	SteletAL	2	FRONT BUMPER					

Body Region	Type of Anatomic Structure	Abbreviated Injury Scale
Head Face Throat Chest Abdomen/Pelvis Spine Upper Extremity Lower Extremity External	Whole Area Vessels Nerves Organs Skeletal Head-LOC Skin-Burn Skin-Other	<ul> <li>(1) Minor injury</li> <li>(2) Moderate injury</li> <li>(3) Serious injury</li> <li>(4) Severe injury</li> <li>(5) Critical injury</li> <li>(6) Maximum (untreatable)</li> <li>(7) Injured, unknown severity</li> </ul>

		C. VEH	ICLE PROFIL	E						
	Class		Most Severe Damage Based on Vehicle Inspection							
Vehicle No.	of Vehicle	Year/Make/Model	Damage Plane	Damage Description						
01	Subcompact/ Mini	'90 Plymouth Sudance	FRONT	Contact to feart bumper, grille, top of hood and bottom windshield AREA.						

#### DO NOT SANITIZE THIS FORM



### **ACCIDENT COLLISION DIAGRAM**



National Highway Traffic Safety Administration NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

PSU No.	4 0	Case	Numb	er — Str	atum	6	0	<u> </u>	<u> </u>			Indica North	te (		)
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# U.S. Department of Transportation National Highway Traffic Safety Administration

# PEDESTRIAN ACCIDENT COLLISION MEASUREMENT TABLE NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

Primary Sampling Unit Number 4		Case I	Number-	Stratum <u>6</u> <u>0</u> <u>7</u>	<u>P</u>	
PEDESTRIAN ACCIDENT CO	LLISION DATA C	OLLECTION		SCALED DIAGRAM		
document reference point and reference line relative to physical features	Surface Type	<u> Bit/arph.</u>	• nort	th arrow placed on diagram		
documentation of all accident induced physical evidence including (if applicable):	Surface Condition	n <u>WE+</u>		de measurements for all applicab dways	ole	
a) vehicle skid marks     b) pedestrian contacts with ground or object	Coefficient of Fri	ction	incl	led representations of the physic uding: all road/roadway delineation (e.g. crosswalks, curb/edge lines, lan markings, medians, pavement n	g., ie	
(1) 등 경우 등 경우 이 시간 시간 시간 시간 경우 	Grade (v/h) Meas			parked vehicles, poles, signs, et		
c) vehicle/pedestrian point of impact (POI)	a) at impa	ct	b)	all traffic controls (e.g., lights, si	gns)	
d) location of pedestrian separation point from vehicle	b) betwee final res	n impact and O · O	pec	led representations of the vehicle destrian at pre-impact, impact, an t based upon either:		
<li>f) final resting points (FRP) for pedestrian and vehicle</li>	Pedestrian Trave		a)	physical evidence, or		
documentation of the physical plant including:	Vehicle Travel D	irection w/southwest	b)	reconstructed accident dynamic	:s	
all road/roadway delineation (e.g., crosswalks, curb/edge lines, lane markings, medians, pavement markings, parked vehicles, poles, signs, etc.)	Number of Trave	I Lanes Two				
b) all traffic controls (e.g., lights, signs)						
Reference Point: /,2 E of R/L, S/E ware Of South CURGEDGE	72 South	Reference Line: So	wth/E	nst Cueb Edgs		
Item		Distance and Direction from Reference Poir	Distance and Direction from Reference Line			
R.P (Stup sign At South EAST CO TRANSFERS by NUM	este.	7,2 south of south cur	1.2 East of R/L To contect Diameters			
Diam 0,3		3.6 NOR	zth	3.1 WEST		
PIAC 0.3 8		4, 0		3.71		
DIAL OIR 3		4,0		4.1		
Dism 0,5 (6)		3.4		5.1		
Diam 0.6 (9)		3,7		5.6		
Dian 0.5 (5)		3.0		5,6		
D'IAMO 0.7 (8)		3,4		5.9		
Diam 0.3 10		3,0	62			
Jian 0.4 11		2.4		6.4		
Dian DIG 4		2.6		4,9	•	

Item	Distance and Direction from Reference Point	Distance and Direction from Reference Line
Diam 1.4 9	1,8 North	4,9 WEST
N-S L= 1.2 (12)	1,0	(0:10
Street Names (Sign)	0.5	10,2
MAIL BOX DIMENSION = 0.7 X0.7 SQUARE	To Center 1.2 South	11.5 To center
No Parking (Sqw)	1.6	9.6
1.1819h+ Limit 5 Tows (Sign)	4,0	10,5
Speed Limit 30/Sign)	14. 3	10,5
Light Pole	<i>15</i> ,3 √	9,6
Utility & Light pole (S/w Coenee)	616 North	20.3 €
Note: TREES START 23 WEST OF		
Utility/light pole *		

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#### PEDESTRIAN ACCIDENT FORM NATIONAL ACCIDENT SAMPLING SYSTEM

PEDESTRIAN CRASH DATA STUDY

0 1

**National Highway Traffic Safety** Administration

	// >	SPECIAL STUDIES - INDICATORS	
<ol> <li>Primary Sampling Unit Number</li> <li>Case Number - Stratum</li> </ol>	607P	Check (✓) each special study (SS15-SS19 below) that has been completed; code 1 for the checked special studies and 0 for the checked special stud	
IDENTIFICATION		studies and 0 for the special studies not checked.	
Number of General Vehicle     Forms Submitted	0 1	6SS15 Administrative Use0	<u>_</u>
	<u>ت</u>	7. <u>✓</u> SS16 Pedestrian Crash Data Study <u>1</u>	_
4. Date of Accident (Month, Day, Year)	1 9 A	8SS17 Impact Fires0	<u>)                                    </u>
5. Time of Accident/8	44	9SS18	<u>)</u>
Code reported military time of accide	ent.	10. SS19	1
NOTE: Midnight = 2400		103319	<u>-</u> _
Unknown = 9999		NUMBER OF EVENTS	
		11. Number of Recorded Events	

#### PEDESTRIAN STUDY CRITERIA

in This Accident

#### Pedestrian Definition:

Any person who is on a trafficway or on a sidewalk or path contiguous with a trafficway, or on private property (e.g., parking lot). Note: Pedestrians include persons who are in contact with the ground, roadway, etc. and are pushing carts, wagons, etc. or holding on to a vehicle.

Persons in or on a nonmotorist conveyance are <u>not</u> pedestrians and are excluded from this study. A nonmotorist conveyance is defined as any human powered device by which a nonmotorist may move, or by which a pedestrian or nonmotorist may move another nonmotorist. A nonmotorist conveyance for purposes of this study includes the following: bicycles, baby carriages, roller skates/blades, push carts, scooters, wheelchairs, animals, etc. For example, persons on a bicycle/scooter, roller skating/blading, in a baby carriage/push cart/wheelchair or on a horse are excluded.

#### Case Selection Criteria:

A forward moving, late model year (VEH04 equals 90 to 95) CDS applicable vehicle (VEH07 equals 01 to 49) must strike a pedestrian.

The striking portion of the vehicle structure must be original equipment manufacturer (OEM) without previous damage and or parts removed in the impact area. For example, vehicles equipped with deer guards, winches, snow plows, etc. or previously damaged in the impact area are excluded.

The pedestrian may not be lying or sitting.

The pedestrian impact(s) are the vehicle's only impact(s). If multiple pedestrians are impacted, each pedestrian shall be a separate case.

The first point of contact between the late model year, CDS applicable vehicle and the pedestrian must be forward of the top of the A pillar.

PEDESTRIAN ACCIDENT EVENTS										
Accident Event Sequence Number	Vehicle Number	Class Of Vehicle	General Area of Damage	Vehicle Number or Object Contacted	Class Of Vehicle	General Area of Damage				
12. <u>0</u> <u>1</u>	13. <u>0 1</u>	14. <u>0</u> <u>/</u>	15. <u></u>	16. <u>7</u> <u>2</u>	17. <u>0</u> <u>0</u>	18. <u>0</u>				

## CODES FOR CLASS OF VEHICLE

- (00) Not a motor vehicle
- (01) Subcompact/mini (wheelbase < 254 cm)
- (02) Compact (wheelbase ≥ 254 but < 265 cm)
- (03) Intermediate (wheelbase ≥ 265 but < 278 cm)
- (04) Full size (wheelbase ≥ 278 but < 291 cm)
- (05) Largest (wheelbase ≥ 291 cm)
- (09) Unknown passenger car size
- (11) Compact utility vehicle
- (12) Large utility vehicle (≤ 4,500 kgs GVWR)
- (13) Passenger van (≤ 4,500 kgs GVWR)
- (14) Other van (≤ 4,500 kgs GVWR)
- (15) Pickup truck (≤ 4,500 kgs GVWR)
- (18) Other truck (≤ 4,500 kgs GVWR)
- (19) Unknown light truck type

## CODES FOR GENERAL AREA OF DAMAGE (GAD)

## CDS APPLICABLE VEHICLES

- (F) Front
- (R) Right side
- (L) Left side
- (U) Undercarriage
- (9) Unknown

### CODES FOR VEHICLE NUMBER OR OBJECT CONTACTED

Collision with Nonfixed Object

(72) Pedestrian

## U.S. Department of Transportation

**National Highway Traffic Safety** 

Administration

#### PEDESTRIAN ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

40 Primary Sampling Unit Number 10. Pedestrian's Weight Code actual weight to the nearest kilogram. 6 07 P 2. Case Number - Stratum (999) Unknown 0 4 5 pounds X .4536 = 0  $\lambda$  0 kilograms 0 1 3. Pedestrian Number PEDESTRIAN'S CHARACTERISTICS PEDESTRIAN'S PRE-AVOIDANCE ACTIONS 03 11. Pedestrian Attitude 4. Pedestrian's Age Code actual age at time of accident. (1) Standing (00) Less than one year old (specify by month): (2) Crouching (3) Kneeling (97) 97 years and older (4) Bending at waist (99) Unknown (8) Other (specify): (9) Unknown 5. Pedestrian's Sex 12. Pedestrian Motion (1) Male (0) Not moving (2) Female - not reported pregnant (3) Female - pregnant-1st trimester (1st-3rd month) (1) Walking slowly (4) Female - pregnant-2nd trimester (4th-6th month) (2) Walking rapidly (5) Female - pregnant-3rd trimester (7th-9th month) (3) Running or jogging (6) Female - pregnant-term unknown (4) Hopping (9) Unknown (5) Skipping (6) Jumping 6. Pedestrian's Overall Height (7) Falling/stumbling or rising Code actual height to the nearest (8) Other (specify): centimeter. (9) Unknown (999) Unknown 4 2 inches  $\times 2.54 = 10.7$  centimeters 13. Pedestrian's Action Relative to Vehicle \_\_\_\_\_\_\_ (00) Stopped (01) Crossing road, straight 7. Pedestrian's Height - Ground to Knee (02) Crossing road, diagonally Code to the nearest (03) Moving in road, with traffic centimeter. (04) Moving in road, against traffic (999) Unknown (05) Off road, approaching road inches X 2.54 = \_\_\_ centimeters (06) Off road, going away from road (07) Off road, moving parallel 8. Pedestrian's Height - Ground to Hip 9 9 9 (08) Off road, crossing driveway (09) Off road, moving along driveway Code to the nearest (98) Other (specify): centimeter. (99) Unknown (999) Unknown inches X 2.54 = \_\_\_\_ centimeters 14. Pedestrian's Body (Chest) Orientation Relative to Striking Vehicle Prior to 9. Pedestrian's Height - Ground to Shoulder 9 9 9 **Avoidance Actions** (1) Facing vehicle Code to the nearest Facing away (2) centimeter. Left side to vehicle (3) (999) Unknown Right side to vehicle (4) \_\_ inches X 2.54 = \_\_\_ \_\_ centimeters (8) Other (specify): Unknown

PEDESTRIAN'S AVOIDANCE ACTIONS	18. Pedestrian's Arm Orientation
	at Initial Impact
_	(01) At sides
15. Pedestrian's First Avoidance Actions	(02) Folded across chest
10. I edestrial 3 i list Avoidance Actions	
(00) No avoidance actions	(03) Hands clasped behind back
(01) Stopped	(04) Hands on hips
(02) Accelerated pace	(05) Hands in pockets
(03) Ran away (along vehicle path)	
(04) Jumped	One or both arms:
(05) Turned toward vehicle	(06) Extended upward
(06) Turned away from vehicle	(07) Extended to side
(07) Dove or fell away	(08) Extended forward bracing
,	(09) Extended, holding object
Used hand(s) to :	(briefcase, suitcase, etc.)
(11) Vault corner of vehicle	(10) Holding object (young child,
(12) Vault onto vehicle	
, ,	grocery bag, etc.) in arm(s)
(13) Brace against vehicle	(11) Holding object (young child, grocery
(14) Crouched and braced hands against vehicle	bag, etc.) on shoulder(s) or head
(98) Other (specify): Pushed away from Vehicle	(98) Other (specify): Holding Adult's HAND W
(99) Unknown by other ped.'	(99) Unknown
	IGFILLIO
	19. Pedestrian's Leg Orientation
	at Initial Impact
PEDESTRIAN'S ORIENTATION AT IMPACT	(01) Together
TEDESTRIANO SKIENTATION AT IMITACT	(02) Apart-laterally
	(03) Apart-right leg forward
	(04) Apart-left leg forward
	(05) Apart- forward leg unknown
16. Pedestrian's Head Orientation	(06) Left foot off the ground
at Initial Impact	(07) Right foot off the ground
(1) To front	
(2) To left	(08) Both feet off the ground
(3) To right	(98) Other (specify):
(4) Up	(99) Unknown
(5) Down	
(8) Other (specify):	20. Vehicle/Pedestrian's Interaction 999
(9) Unknown	(01) Carried by vehicle, wrapped position
` '	(02) Carried by vehicle, slid to windshield
	(03) Carried by vehicle, position unknown
17. Pedestrian's Body (Chest) Orientation	(04) Passed over vehicle top
at Initial Impact	(05) Thrown straight forward
(1) Facing vehicle	(06) Thrown forward and left of vehicle
· ·	(07) Thrown forward and right of vehicle
(2) Facing away	(08) Knocked to pavement, forward
(3) Left side to vehicle	(09) Knocked to pavement, left of vehicle
(4) Right side to vehicle	(10) Knocked to pavement, right of vehicle
(8) Other (specify):	(11) Knocked to pavement, run over or
(9) Unknown	dragged by vehicle
	(12) Shunted to left (corner impacts only)
	(13) Shunted to right (corner impacts only)
	(14) Bumped or pushed aside
	(15) Snagged, rotated
	(16) Snagged, dragged by vehicle
	(17) Foot or legs run over
	(98) Other (specify):
	(99) Unknown

OFFICIAL RECORDS	INJURY CONSEQUENCES
21. Police Reported Alcohol Presence For Pedestrian (0) No alcohol present (1) Yes alcohol present (7) Not reported (9) Unknown	25. Injury Severity (Police Rating) (0) O - No injury (1) C - Possible injury (2) B - Nonincapacitating injury (3) A - Incapacitating injury (4) K - Killed (5) U - Injury, severity unknown
22. Alcohol Test Result For Pedestrian Code actual value (decimal implied before first digit—0.xx) (95) Test refused (96) None given (97) AC (Alcohol Content) test performed, results unknown (99) Unknown if test given	(6) Died prior to accident (9) Unknown  26. Treatment - Mortality (0) No treatment (1) Fatal (2) Fatal - ruled disease (specify):
Source:  23. Police Reported Other Drug Presence For Pedestrian (0) No other drug(s) present (1) Yes other drug(s) present (7) Not reported (9) Unknown	Nonfatal (3) Hospitalization (4) Transported and released (5) Treatment at scene - non-transported (6) Treatment later (8) Treatment - other (specify):  (9) Unknown
24. Other Drug Specimen Test Result For Pedestrian (0) No specimen test given (1) Drug not found in specimen (2) Drug found in specimen, (specify):	27. Type Of Medical Facility (for Initial Treatment) (0) Not treated at a medical facility (1) Trauma center (2) Hospital (3) Medical clinic (4) Physician's office (5) Treatment later at medical facility (8) Other (specify):
	28. Hospital Stay (00) Not Hospitalized Code the number of days (up through 60) that the pedestrian stayed in a hospital. (61) 61 days or more (99) Unknown
	29. Working Days Lost  Code the number of days (up through 60) that the pedestrian lost from work due to the accident (00) No working days lost (61) 61 days or more (62) Fatally injured (97) Not working prior to accident (99) Unknown

STOR - VARIABLES SOUTHROUGHRY AT	to de)//installations/vittle/Ye/Ne/GE/Allast
30. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical	34. 1st Medically Reported Cause of Death OO  35. 2nd Medically Reported Cause of Death OO  36. 3rd Medically Reported Cause of Death
facility. (97) Injured, details unknown (99) Unknown if injured	Code the Pedestrian Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this pedestrian's death
31. Was the Pedestrian Given Blood?  (1) No - blood not given  (2) Yes - blood given  (specify units):  (9) Unknown if blood given	(00) Not fatal or no additional causes (96) Mode of death given but specific injuries are not linked to cause of death. (specify):
32. Arterial Blood Gases (ABG) – HCO <sub>3</sub>	(97) Other result (includes fatal ruled disease) (specify): (99) Unknown
<ul> <li>(02-50) Code the actual value of the HCO<sub>3</sub></li> <li>(96) ABGs reported, HCO<sub>3</sub> unknown</li> <li>(97) Injured, details unknown</li> <li>(99) Unknown if injured</li> </ul>	37. Number of Recorded Injuries for This Pedestrian Code the actual number of injuries recorded for this pedestrian.
Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, n days = 30 +n up through 30 days = 60)  (00) Not fatal  (96) Fatal - ruled disease  (99) Unknown	(00) No recorded injuries (97) Injured, details unknown (99) Unknown if injured
ARE ALL APPLICABLE MEDICAL RECORD	S INCLUDED WITH INITIAL SUBMISSION?
NO[]	YES[]
UPDATE CANDIDATE?	NO[] YES[]

U.S. Department of Transportation

PEDESTRIAN INJURY FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

National Highway Traffic Safety Administration

Primary Sampling Unit Number

3. Pedestrian Number

0 1

2. Case Number - Stratum

<u>607</u> P

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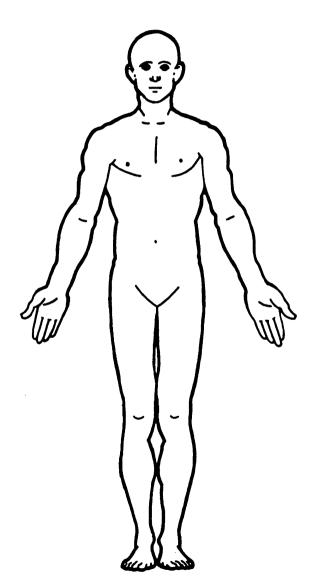
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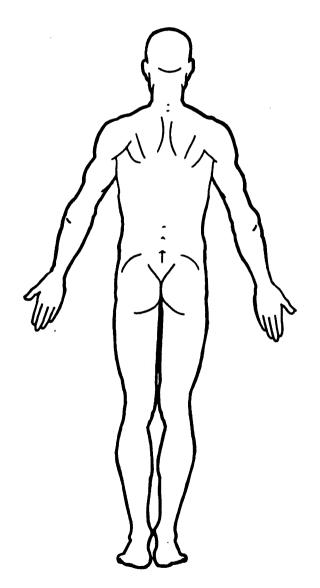
#### **INJURY DATA**

Record below the actual injuries sustained by this pedestrian in CHRONOLOGICAL order 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 twenty-five injuries have been documented, encode the balance on the Pedestrian Injury Supplement.

				AIS-90					Injury				
-	Source of Injury Data	Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Source Confidence Level	Direct/ Indirect Injury	Striking Profile	Type Of Damage	Damage Depth
Plot Lis	w 513	6. 💆	7.5	8. <u>1 8</u>	9. 16	102	11. <u>/</u>	12. 700	13. 1	14. 1	15.2	16.2	172
11 2n	hoad 18.7	19. 🔟	20. <u>9</u>	21. <u>0</u> 4	22. <u>02</u>	23	24. <u>O</u>	<sub>25.</sub> <u>94</u> 7	26/	27	28. <u>D</u>	29	30
3rd	d 31	32	33	34	35	36	37	38	39	40	41	42	43
4tl	h 44	45	46	47	48	49	50	51	52	53	54	55	56
5tl	h 57	58	59	60	61	62	63	64	65	66	67	68	69
6tl	h 70	71	72	73	74	75	76	77	78	79	80	81	82
7t1	h 83	84	85	86.	87.	88.	89 <i>.</i>	90	91.	92.	93	94.	95.
				·									
8tl	h 96	97	98	99	100	101	102	103	104	105	106	107	108
9tl	h 109	110	111	112	113	114	115	116	117	118	119	120	121
101	th 122	123	124	125	126	127	128	129	130	131	132	133	134

				PEDES	STRIA	N INJU	RY DAT	ΓΑ				
Source of Injur Data		Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Striking Profile	Type Of Damage	Damage Depth
11th									~			
12th		***************************************	***************************************									
13th								·				
14th												
15th				***************************************								<del></del>
16th												
17th										***************************************	-	
18th						_		an and an				- Approximate
19th	******									·		
20th					Manager							
21st	<del></del>	-										
22nd									***************************************		<u>.</u>	
23rd												
24th				******						***************************************		- Allegand States
	-											



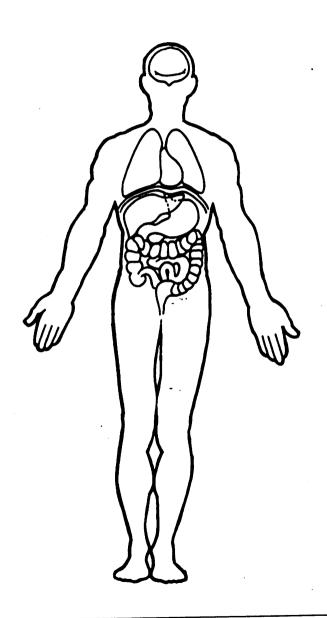


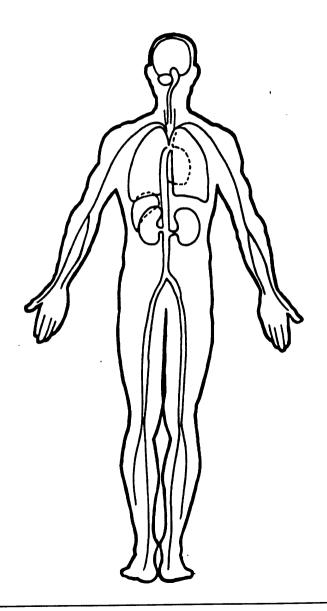
National Accident Sampling System-Crashworthiness Data System: Pedestrian Injury Form

#### INJURY SOURCE CONFIDENCE LEVEL TYPE OF DAMAGE SOURCE OF INJURY DATA Injury not from vehicle contact No damage/contact Certain Probable **OFFICIAL** (1) Autopsy records with or without hospital/ Scratch (Scuff, Cloth Transfer, Smear) Possible medical records Unknown Dent Hospital/medical records other than Large deformation DIRECT/INDIRECT INJURY emergency room (e.g., discharge Cracked, fractured, shattered Direct contact injury summary) Separated from vehicle Emergency room records only (including Indirect contact injury Noncontact injury associated X-rays or other lab reports) Noncontact injury Other specify: (8) Injured, unknown source (4) Private physician, walk-in or emergency Unknown clinic STRIKING PROFILE DAMAGE DEPTH Injury not from vehicle contact Flat-Narrow (<15 centimeters) Flat-Wide (≥ 15 centimeters) Rounded (contoured) Injury not from vehicle contact UNOFFICIAL (1) No residual damage (5) Lay coroner report Surface only damage Crush depth > 0 to 2 centimeters Crush depth > 2 to 5 centimeters Crush depth > 5 to 10 centimeters (6) E.M.S. personnel Rounded edge (7) Interviewee Sharp edge Other (specify): (8) Other source (specify): (8)TRONT BUMDER Unknown Other specify:\_ (9) Police (9) Unknown PEDESTRIAN INJURY CLASSIFICATION **Body Region Specific Anatomic Structure Abbreviated Injury Scale** Spine (02) Cervical (04) Thoracic Minor injury Whole Area (02) Skin - Abrasion (04) Skin - Contusion Head Moderate injury Serious injury Face (3) (4) (3) Neck Vessels, Nerves, Organs, Bones, Joints are assigned consecutive two digit Severe injury (06) Skin - Laceration (08) Skin - Avulsion (4) Thorax Critical injury (5) (6) Abdomen Maximum (untreatable) Injured, unknown severity (6) (7) numbers beginning with 02 Amputation Spine (20) Burn (30) Crush Upper Extremity Level of Injury (8) Lower Extremity Unspecified **Aspect** (40) Degloving Injury - NFS (50) Specific injuries are assigned consecutive two-digit beginning with 02. numbers Right Type of Anatomic Structure Trauma, other than mechanical (90)Left Bilateral Whole Area Head - LOC (02) Length of LOC (04, 06, 08) Level of Consciousness Central To the extent possible, within the organizational framework of the AIS, 00 Vessels Anterior (3)Nerves is assigned to an injury NFS as to severity or where only one injury is given in the dictionary for that anatomic (6) (7) Organs (includes muscles/ (10) Concussion Posterior (4) Superior ligaments) Inferior Skeletal (includes joints) Head - LOC structure. 99 is assigned to any injury Unknown (6) Whole region NFS as to lesion or severity. INJURY SOURCE Wheels / tires FRONT 744 B pillar 790 Left front wheel / tire 700 Front bumper 701 Front lower valance/spoiler 745 C pillar 791 Right front wheel / tire 746 D pillar 792 Left rear wheel / tire 702 Front grille 793 Right rear wheel /tire 748 Other pillar (specify):\_ 703 Hood edge and/or trim 798 Other wheel / tire (specify): \_\_ 749 Right side roof rail 704 Hood ornament (fixed) 750 Right side door surface 799 Unknown wheel / tire 705 Hood ornament (spring loaded) 751 Right side door handle 706 Headlight 752 Right side mirror fixed housing Undercarriage components 707 Retractable headlight door (Open/Closed) 800 Front crossmember 708 Turn signal/parking lights 753 Right side folding mirror 754 Right side glazing forward of B pillar 801 Steering assembly/Front suspension 718 Other front or add on object 802 Oil pan (specify): 755 Right side glazing rearward of B pillar 719 Unknown front object 756 Rear antenna 803 Exhaust system pipe 757 Rear fender or quarter panel 804 Transmission Left Side Components 758 Other right side object 805 Drive shaft 806 Catalytic converter (specify): 720 Front fender side surface 759 Unknown right side component 807 Muffler 721 Front antenna 808 Floor pan 722 A1 pillar 809 Fuel tank 723 A2 pillar Back Components 810 Rear suspension 724 B pillar 760 Rear (back) bumper 818 Other undercarriage component 725 C pillar 761 Tailgate 726 D pillar 762 Hatchback, vertical surface (specify): 819 Unknown undercarriage component 768 Other back component 728 Other pillar (specify): (specify): 769 Unknown back component 729 Left side roof rail 730 Left side door surface 820 Air scoop, deflector 821 Cellular or CB radio antenna 731 Left side door handle Top Components 822 Emergency lights or bar 770 Hood surface 732 Left side mirror fixed housing 823 Fog lights 771 Hood surface reinforced by under hood 733 Left side folding mirror 824 Luggage, ski, or bike rack 734 Left side glazing forward of B pillar component 825 Cargo (specify):\_ 735 Left side glazing rearward of B pillar 772 Front fender top surface 826 Spare tire 736 Left side back fender or quarter panel 773 Cowl area 774 Wiper blade & mountings 827 Spotlight 737 Rear antenna 828 Other accessory (specify):\_\_\_ 738 Other left side object 775 Windshield glazing 776 Front header (specify): Other Object or Vehicle in Environment 739 Unknown left side component 777 Roof surface 947 Ground 778 Backlight glazing 948 Other object (specify): Right Side Components 779 Rear header 780 Hatchback 949 Unknown object in environment 740 Front fender side surface 781 Rear trunk lid 959 Unknown object on contacting vehicle 741 Front antenna 788 Other top component (specify): \_\_\_ 997 Noncontact injury source 742 A1 pillar 999 Unknown injury source 789 Unknown top component 743 A2 pillar

### 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.)





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

## PEDESTRIAN GENERAL VEHICLE FORM NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

1 Driver Compliant Link Niverban	OFFICIAL RECORDS
1. Primary Sampling Unit Number	
2. Case Number - Stratum 6 0 7 P	9. Police Reported Travel Speed 9 9 9
3. Vehicle Number01  VEHICLE IDENTIFICATION	Code to the nearest kmph (NOTE: 000 means less than 0.5 kmph) (160) 159.5 kmph and above (999) Unknown
4. Vehicle Model Year Code the last two digits of the model year (99) Unknown  5. Vehicle Make (specify):  Pynouth Applicable codes are found in your NASS PCDS Data Collection, Coding and Editing Manual. (99) Unknown	mph X 1.6093 =kmph  10. Speed Limit
6. Vehicle Model (specify):  Sundance Applicable codes are found in your NASS PCDS Data Collection, Coding and Editing Manual. (999) Unknown  7. Body Type Note: Applicable codes may be found on the back of this page.	(7) Not reported (8) No driver present (9) Unknown  12. Alcohol Test Result For Driver Code actual value (decimal implied before first digit—0.xx) (95) Test refused (96) None given (97) AC (Alcohol Content) test performed, results unknown (98) No driver present (99) Unknown
8. Vehicle Identification Number  1 P 3 × P 4 8 × 2 L N 1 2 3 4 5 6 7 0 9 10 11 12 13 14 15 16 17  Left justify; Slash zeros and letter Z (Ø and Z) No VIN—Code all zeros Unknown—Code all nines	Source:  13. Police Reported Other Drug Presence For Driver (0) No other drug(s) present (1) Yes other drug(s) present (7) Not reported (8) No driver present (9) Unknown
	14. Other Drug Specimen Test Result For Driver (0) No specimen test given (1) Drug not found in specimen (2) Drug found in specimen (specify): (3) Specimen test given, results unknown or not obtained (8) No driver present (9) Unknown

#### **CODES FOR BODY TYPE**

#### CDS APPLICABLE VEHICLES

#### Automobiles

- (01) Convertible (excludes sun-roof, t-bar)
- (02) 2-door sedan, hardtop, coupe
- (03) 3-door/2-door hatchback
- (04) 4-door sedan, hardtop
- (05) 5-door/4-door hatchback
- (06) Station wagon (excluding van and truck based)
- (07) Hatchback, number of doors unknown
- (08) Other automobile type (specify):
- (09) Unknown automobile type

#### Automobile Derivatives

- (10) Auto based pickup (includes El Camino, Caballero, Ranchero, Brat, and Rabbit pickup)
- (11) Auto based panel (cargo station wagon, auto based ambulance/hearse)
- (12) Large limousine more than four side doors or stretched chassis
- (13) Three-wheel automobile or automobile derivative

#### Utility Vehicles (≤ 4,500 kgs GVWR)

- (14) Compact utility (Jeep CJ-2 CJ-7, Scrambler, Golden Eagle, Renegade, Laredo, Wrangler, Cherokee [84 and after], Dispatcher, Raider, Bronco II, Bronco [76 and before], Explorer, S-10 Blazer, Geo Tracker, Bravada, S-15 Jimmy, Thing, Pathfinder, Trooper, Trooper II, Rodeo, Amigo, Navajo, 4-Runner, Montero, Samurai, Sidekick, Rocky)
- (15) Large utility (includes Jeep Cherokee [83 and before], Ramcharger, Trailduster, Bronco-fullsize [78 and after], fullsize Blazer, fullsize Jimmy, Landcruiser, Rover, Scout)
- (16) Utility station wagon (Chevy Suburban, GMC Suburban, Travelall, Grand Wagoneer, includes suburban limousine)
- (19) Utility, unknown body type

#### Van Based Light Trucks (≤ 4,500 kgs GVWR)

- (20) Minivan (Chrysler Town and Country, Caravan, Grand Caravan, Voyager, Grand Voyager, Mini-Ram, Dodge/Plymouth Vista, Aerostar, Villager, Lumina APV, Trans Sport, Silhouette, Astro, Safari, Toyota Van, Toyota Minivan, Previa, Nissan Minivan, Quest, Mitsubishi Minivan, Vanagon/Camper.)
- (21) Large van (B150-B350, Sportsman, Royal, Maxiwagon, Ram, Tradesman, Voyager [83 and before], E150-E350, Econoline, Clubwagon, Chateau, G10-G30, Chevy Van, Beauville, Sport Van, G15-G35, Rally Van, Vandura.)
- (22) Step van or walk-in van (≤ 4,500 kgs GVWR)
- (23) Van based motorhome (≤ 4,500 kgs GVWR)
- (24) Van based school bus (≤ 4,500 kgs GVWR)
- (25) Van based other bus (≤ 4,500 kgs GVWR)
- (28) Other van type (Hi-Cube Van, Kary) (specify):
- (29) Unknown van type

### Light Conventional Trucks (Pickup style cab, ≤ 4,500 kgs GVWR)

- (30) Compact pickup (D50, Colt P/U, Ram 50, Dakota, Arrow Pickup [foreign], Ranger, Courier, S-10, T-10, LUV, S-15, T-15, Sonoma, Datsun/Nissan Pickup, P'up, Mazda Pickup, Toyota Pickup, Mitsubishi Pickup)
- (31) Large Pickup (Jeep Pickup, Comanche, Ram Pickup, D100-D350, W100-W350, F100-F350, C10-C35, K10-K35, R10-R35, V10-V35, Silverado, Sierra, R100-R500,)

- (32) Pickup with slide-in camper
- (33) Convertible pickup
- (39) Unknown pickup style light conventional truck type

#### Other Light Trucks (≤ 4,500 kgs GVWR)

- (40) Cab chassis based (includes rescue vehicles, light stake, dump, and tow truck)
- (41) Truck based panel
- (42) Light truck based motorhome (chassis mounted)
- (45) Other light conventional truck type
- (48) Unknown light truck type
- (49) Unknown light vehicle type (automobile, utility, van, or light truck)

#### **OTHER VEHICLES**

#### Buses (Excludes Van Based)

- (50) School bus (designed to carry students, not cross country or transit)
- (58) Other bus type (e.g., transit, intercity, bus based motorhome) (specify):
- (59) Unknown bus type

#### Medium/Heavy Trucks (> 4,500 kgs GVWR)

- (60) Step van (> 4,500 kgs GVWR)
- (61) Single unit straight truck (4,500 kgs < GVWR ≤ 8,850 kgs)</p>
- (62) Single unit straight truck (8,850 kgs < GVWR ≤ 12,000 kgs)</p>
- (63) Single unit straight truck (> 12,000 kgs GVWR)
- (64) Single unit straight truck, GVWR unknown
- (65) Medium/heavy truck based motorhome
- (67) Truck-tractor with no cargo trailer
- (68) Truck-tractor pulling one trailer
- (69) Truck-tractor pulling two or more trailers
- (70) Truck-tractor (unknown if pulling trailer)
- (78) Unknown medium/heavy truck type
- (79) Unknown truck type (light/medium/heavy)

### Motored Cycles (Does Not Include All-Terrain Vehicles/Cycles)

- (80) Motorcycle
- 81) Moped (motorized bicycle)
- (82) Three-wheel motorcycle or moped
- (88) Other motored cycle (minibike, motorscooter) (specify):\_\_\_\_\_
- (89) Unknown motored cycle type

#### Other Vehicles

- (90) ATV (All-Terrain Vehicle) and ATC (All-Terrain Cycle)
- (91) Snowmobile
- (92) Farm equipment other than trucks
- (93) Construction equipment other than trucks
- (97) Other vehicle type
- (99) Unknown body type

VEHICLE WEIGHT ITEMS	RECONSTRUCTION DATA
15. Vehicle Curb Weight Code weight to nearest 10 kilograms.  (045) Less than 450 kilograms  (610) 6,100 kilograms or more  (999) Unknown  2, 5 4 4 lbs X .4536 = 1, 1 5 4 kgs	18. Impact Speed  + 0 1 6  Nearest kmph  (NOTE: 000 means greater than .5 kmph) (160) 159.5 kmph and above (999) Unknown
Sources  16. Vehicle Cargo Weight	19. Accuracy Range of Impact Speed Estimate (0) No reconstruction (1) Less than 2 kmph (2) ≥ 2 kmph and ≤ 8 kmph (3) ≥ 9 kmph and ≤ 16 kmph (4) ≥ 17 kmph and ≤ 26 kmph (9) Unknown  20. Data Source of Impact Speed (0) No impact speed calculated (1) Zone center calculation (2) Police calculation (3) Driver/witness/police estimates  PRECRASH DATA
17. Vehicle Special Use (This Trip) (0) No special use (1) Taxi (2) Vehicle used as school bus (3) Vehicle used as other bus (4) Military (5) Police (6) Ambulance (7) Fire truck or car (8) Other (specify): (9) Unknown  STEP WARRAGEES ISTHROUGH 20 ARE GOWIDERED BY THE ZONE GENTER	21. Driver's Attention to Driving (Prior to Recognition of Critical Event) (1) Full attention to driving (2) Distracted by other occupant (3) Distracted by moving object in vehicle (4) Distracted by outside person, object, or event (5) Talking on cellular phone or CB radio Specify: (6) Sleeping or dozing while driving (8) Other (specify): Deive Claims Attentive wisses (9) Unknown  22. Pre-Event Vehicle Movement (Prior to Recognition of Critical Event) (01) Going straight (02) Slowing or stopping in traffic lane (03) Starting in traffic lane (04) Stopped in traffic lane (05) Passing or overtaking another vehicle (06) Disabled or parked in travel lane (07) Leaving a parking position (08) Entering a parking position (09) Turning right (10) Turning left (11) Making a U-turn (12) Backing up (other than for parking position) (13) Negotiating a curve (14) Changing lanes (15) Merging (16) Successful avoidance maneuver to a previous critical event (97) Other (specify): (98) No driver present (99) Unknown

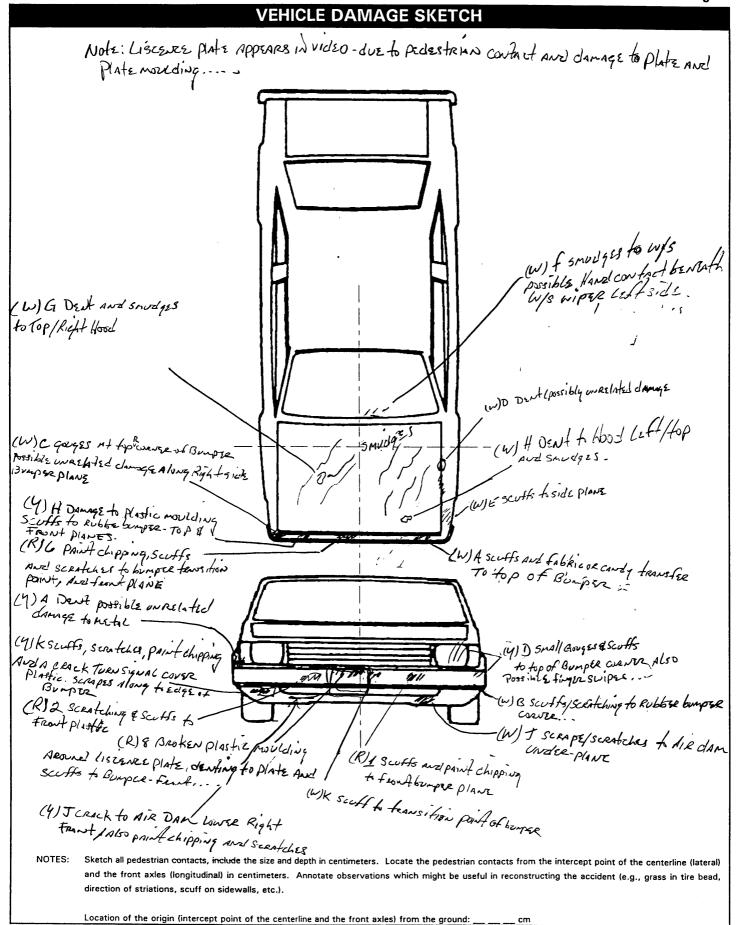
<i>This</i> (01) (02)	cal Precrash Event  Vehicle Loss of Control Due To:  Blow out or flat tire  Stalled engine  Disabling vehicle failure (e.g., wheel fell off)		<ul> <li>(83) Pedalcyclist or other nonmotorist in roadway (specify):</li> <li>(84) Pedalcyclist or other nonmotorist approaching roadway (specify):</li> <li>(85) Pedalcyclist or other nonmotorist—unknown</li> </ul>
	(specify):		location (specify): Object or Animal
	up) (specify):		(87) Animal in roadway
(05)	Poor road conditions (puddle, pot hole, ice, etc.)		(88) Animal approaching roadway
(0.0)	(specify):		(89) Animal—unknown location
	Traveling too fast for conditions		(90) Object in roadway
(08)	Other cause of control loss (specify):		(91) Object approaching roadway
(09)	Unknown cause of control loss		(92) Object—unknown location
	Vehicle Traveling		(98) Other critical precrash event (specify):
	Over the lane line on left side of travel lane		(99) Unknown
	Over the lane line on right side of travel lane		(99) Olikilowii
	Off the edge of the road on the left side	24	Attempted Avoidance Maneuver 0 4
	Off the edge of the road on the right side	27.	(00) No driver present
	End departure		(01) No avoidance actions
	Turning left at intersection		(02) Braking (no lockup)
	Turning right at intersection		(O3) Braking (lockup)
	Crossing over (passing through) intersection		(04) Braking (lockup unknown)
	Unknown travel direction		(05) Releasing brakes
Othe	r Motor Vehicle In Lane		(06) Steering left
	Stopped		(07) Steering right
(51)	Traveling in same direction with lower speed		(08) Braking and steering left
	(i.e., lower steady speed or decelerating)		(09) Braking and steering right
	Traveling in same direction with higher speed		(10) Accelerating
	Traveling in opposite direction		(11) Accelerating and steering left
	In crossover		(12) Accelerating and steering right
	Backing		(98) Other action (specify):
	Unknown travel direction of other motor vehicle in lane		(99) Unknown
	r Motor Vehicle Encroaching Into Lane	25	Precrash Stability After Avoidance Maneuver
	From adjacent lane (same direction)—over left	25.	(0) No driver present
	lane line		(1) No avoidance maneuver
	From adjacent lane (same direction) - over right		(2) Tracking
	lane line		(3) Skidding longitudinally—rotation less than 30
(62)	From opposite direction—over left lane line		degrees
(63)	From opposite direction—over right lane line		(4) Skidding laterally—clockwise rotation
	From parking lane		<ul><li>(5) Skidding laterally – counterclockwise rotation</li><li>(8) Other vehicle loss-of-control (specify):</li></ul>
	From crossing street, turning into same direction		to, other vehicle loss-or-control (specify):
	From crossing street, across path		(9) Precrash stability unknown
(67)	From crossing street, turning into opposite		,
160)	direction	26.	Precrash Directional Consequences of
(08)	From crossing street, intended path not known		Avoidance Maneuver (Corrective Action)
(70)	From driveway, turning into same direction From driveway, across path		(0) No driver present
	From driveway, across path From driveway, turning into opposite direction		<ul><li>(1) No avoidance maneuver</li><li>(2) Vehicle staved in travel lane where avoidance</li></ul>
(72)	From driveway, intended path not known		(2) Vehicle stayed in travel lane where avoidance maneuver was initiated
	From entrance to limited access highway		(3) Vehicle stayed on roadway but left travel lane
	Encroachment by other vehicle—details		where avoidance maneuver was initiated
	unknown		(4) Vehicle stayed on roadway, not known if left
	strian or Pedalcyclist, or Other Nonmotorist		travel lane where avoidance maneuver was
(80)	Pedestrian in roadway		initiated
(81)	Pedestrian approaching roadway		(5) Vehicle departed roadway
	Pedestrian—unknown location		<ul><li>(6) Avoidance maneuver initiated off roadway</li><li>(9) Directional consequences unknown</li></ul>
			(a) Directional consequences unknown
		•	

	ENVIRO	INIVIE	NIAI	DATA
27.	Relation to Junction (0) Non-junction (1) Interchange area  Non-Interchange (2) Intersection (3) Intersection-related (4) Drive, alley access related (5) Other non-interchange (specify):	2	(1) (2) (4) (4) (8)	oadway Surface Condition  Dry  Wet  Snow and slush lee  Sand, dirt or oil Other (specify): Unknown
28.	<ul> <li>(6) Unknown type of non-interchange</li> <li>(9) Unknown if interchange</li> <li>Trafficway Flow</li> <li>(1) Not physically divided (two way traffic)</li> <li>(2) Divided trafficway - median strip without positive barrier</li> <li>(3) Divided trafficway - median strip with positive barrier</li> <li>(4) One way trafficway</li> <li>(9) Unknown</li> </ul>	1	() (1) (1) (2) (3) (4) (8) (6) (7)	raffic Control Device  No traffic control(s) Trafficway traffic control signal (not RR crossing)  egulatory or School Zone Sign (Not RR Crossing) Stop sign Yield sign Cher sign (specify):  Unknown sign Warning sign (not RR crossing)
29.	Number of Travel Lanes (1) One (2) Two (3) Three (4) Four (5) Five (6) Six (7) Seven or more (9) Unknown	<u></u>	35. T (0 (1	Miscellaneous/other controls including RR controls (specify):  Unknown  Taffic Control Device Functioning No traffic control Not Functioning Functioning Unknown
	Roadway Alignment (1) Straight (2) Curve right (3) Curve left (9) Unknown  Roadway Profile (1) Level		(1 (2 (3 (4 (5	ght Conditions 3  ) Daylight  ) Dark  ) Dark, but lighted  ) Dawn
	<ul> <li>(2) Uphill Grade (&gt;2%)</li> <li>(3) Downhill Grade (&gt;2%)</li> <li>(4) Hillcrest</li> <li>(5) Sag</li> <li>(9) Unknown</li> </ul>		(1 (2 (3	tmospheric Conditions ) No adverse atmospheric related driving conditions ) Rain ) Sleet
	Roadway Surface Type (1) Concrete (2) Bituminous (asphalt) (3) Brick or Block (4) Slag, gravel or stone (5) Dirt (8) Other (specify): (9) Unknown	2	(5 (6 (7 (8	<ul> <li>Snow</li> <li>Fog</li> <li>Rain and fog</li> <li>Sleet and fog</li> <li>Other (e.g., smog, smoke, blowing sand or dust, etc.) (specify):</li> <li>Unknown</li> </ul>

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

## PEDESTRIAN EXTERIOR VEHICLE FORM NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number 40 2. Case Number - Stratum 607 P	3. Vehicle Number <u>0 1</u>							
VEHICLE IDENTIFICATION								
VIN 1 P 3 X P 4 8								
Vehicle Make (specify):								
PEDESTRIAN FRONT CONTACT WORK SHEET								
PEV06 Hood Material	Hel							
PEV08 Hood Length	<u>/ ø &amp;</u> cm							
PEV09 Hood Width-Forward Opening	<u>/ 3 4</u> cm							
PEV10 Hood Width-Midway	<u>/ 4 /</u> cm							
PEV11 Hood Width-Rear Opening	<u>/ 4 4</u> cm							
PEV14 Front Bumper Cover Material	Stil Rubber Metal/EAD							
PEV15 Front Bumper Reinforcement Material	METAL/EAD							
VERTICAL MEASUREMENTS								
PEV16 Front Bumper-Bottom Height	<u>035</u> cm							
PEV17 Front Bumper-Top Height	<u>&amp;/</u> cm							
PEV18 Forward Hood Opening	<u>&gt;</u>							
PEV19 Front Bumper Lead	<u>/</u>							
WRAP DI	STANCES							
	b √							
PEV20 Ground to Forward Hood Opening	$\frac{\gamma}{2} \frac{5}{2} \text{ cm}$							
PEV21 Ground to Front/Top Transition Point	$\frac{7}{2}\frac{9}{2}$ cm							
PEV22 Ground to Rear Hood Opening	<u>9</u>							
PEV23 Ground to Base of Windshield	<u>9</u> & cm							
PEV24 Ground to Top of Windshield	cm 999 cm							
PEV25 Ground to Head Contact								

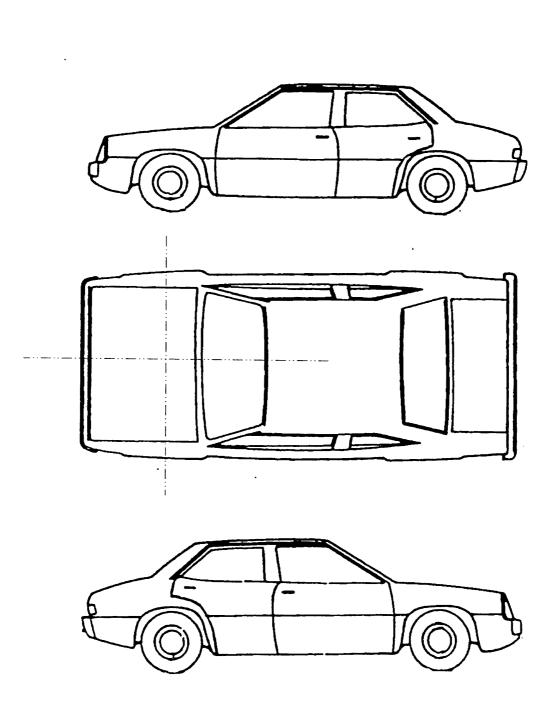




• •	PEDESTRIAN SIDE CONTACT WOR	RK SHEET
PEV06 F	Hood Material	
PEV08 H	Hood Length	cm
PEV09 H	Hood Width-Forward Opening	cm
PEV10 H	lood Width-Midway	cm
PEV11 H	Hood Width-Rear Opening	cm
•	. VEDTICAL BACA CULDEBACKITO	——————————————————————————————————————
DEV/26 C	VERTICAL MEASUREMENTS	
	Ground Clearance	cm
	Side Bumper-Bottom Height	cm
	Side Bumper-Top Height	cm
	Centerline of Wheel	cm
	op of Tire	cm
	op of Wheel Well Opening	cm
	Bottom of A-Pillar at Windshield	cm
	op of A-Pillar at Windshield	cm
PEV34 T	op of Side View Mirror	cm
	LATERAL MEASUREMENTS	
PEV35 C	C <sub>L</sub> to A-Pillar at Bottom of Windshield	cm
PEV36 C	c <sub>L</sub> to A-Pillar at Top of Windshield	cm
PEV37 C	C <sub>L</sub> to Maximum Side View Mirror Protrusion	cm
	WRAP DISTANCES	
	Ground to Side/Top Transition	cm
	Ground to Hood Edge	cm
PEV40 G	Ground to Centerline of Hood (ORIGIN)	cm
PEV41 G	Ground to Head Contact	cm

	ORIGINAL SPECIFICATION	ONS
Wheelbase Overall Length Maximum Width Curb Weight Average Track Front Overhang Rear Overhang Undeformed End Width Engine Size: cyl./displ.		$\times 2.54 = 435 \text{ cm}$
FRONT 700 Front bumper 701 Front lower valance/spoiler 702 Front grille 703 Hood edge and/or trim 704 Hood ornament (fixed) 705 Hood ornament (spring loaded) 706 Headlight 707 Retractable headlight door (Open/Closed) 708 Turn signal/parking lights 718 Other front or add on object (specify): 719 Unknown front object  Left Side Components 720 Front fender side surface 721 Front antenna 722 A1 pillar 723 A2 pillar 724 B pillar	INJURY SOURCE  744 B pillar 745 C pillar 746 D pillar 748 Other pillar (specify): 749 Right side roof rail 750 Right side door surface 751 Right side door handle 752 Right side mirror fixed housing 753 Right side folding mirror 754 Right side glazing forward of B pillar 755 Right side glazing rearward of B pillar 756 Rear antenna 757 Rear fender or quarter panel 758 Other right side object (specify): 759 Unknown right side component Back Components 760 Rear (back) bumper	Wheels / tires 790 Left front wheel / tire 791 Right front wheel / tire 792 Left rear wheel / tire 793 Right rear wheel / tire 798 Other wheel / tire (specify): 799 Unknown wheel / tire  Undercarriage components 800 Front cross member 801 Steering assembly/Front suspension 802 Oil pan 803 Exhaust system pipe 804 Transmission 805 Drive shaft 806 Catalytic converter 807 Muffler 808 Floor pan 809 Fuel tank 810 Rear suspension
726 D pillar 728 Other pillar (specify): 729 Left side roof rail 730 Left side door surface	761 Tailgate 762 Hatchback, vertical surface 768 Other back component (specify): 769 Unknown back component  Top Components 770 Hood surface 771 Hood surface reinforced by under hood component 772 Front fender top surface 773 Cowl area 774 Wiper blade & mountings 775 Windshield glazing 776 Front header 777 Roof surface 778 Backlight glazing 779 Rear header 780 Hatchback 781 Rear trunk lid 788 Other top component (specify): 789 Unknown top component	818 Other undercarriage component (specify): 819 Unknown undercarriage component  Accessories 820 Air scoop, deflector 821 Cellular or CB radio antenna 822 Emergency lights or bar 823 Fog lights 824 Luggage, ski, or bike rack 825 Cargo (specify): 826 Spare tire 827 Spotlight 828 Other accessory (specify):  Other Object or Vehicle in Environment 947 Ground 948 Other object (specify): 949 Unknown object in environment 959 Unknown object on contacting vehicle 997 Noncontact injury source

### **VEHICLE DAMAGE SKETCH**



NOTES:

Sketch all pedestrian contacts, include the size and depth in centimeters. Locate the pedestrian contacts from the intercept point of the centerline (lateral) and the front axles (longitudinal) in centimeters. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.).

Location of the origin (intercept point of the centerline and the front axles) from the ground: \_\_\_\_ cm

	POINTS OF PEDESTRIAN CONTACT							
PEDESTRIAN CONTACT WORKSHEET								
CONTACT ID Label	COMPONENT Contacted	LONGITUDINAL LOCATION (X)	LATERAL LOCATION (Y)	CRUSH IN CENTIMETERS	SUSPECTED BODY REGION	SUPPORTING PHYSICAL EVIDENCE	CONFIDENCE LEVEL OF CONTACT POINT (Circle)	SEQUENCE #
(w) F	windshield	204	-21	O	Hands	Finger Markings/ Smudges	① 2 3 9	/3
W-D	VEFT-BLANCE PANEL	134	- 76	0.3	Paguious Dagange	Dent	1 2 3 🗐	
W- H	Top/front of Hood	83	- 24	0.3	Hip	DENYSAUDGES	1) 2 3 9	11_
W-G	Top/Right/Mid Hood	100	2.9	0.7	UNK	DENTSMUDGES	1) 2 3 9	12
W-E	Left ameter PANZL	102	-101	0	ink	Scuffs to Side	1 2 ③ 9	
w-B	FRONT/LEFT BUMPER CORVER	53	-123	0	PEU RIGHT FERVR	Scutts/scantching to top of Bumpar	① 2 3 9	7
w-A	TOP/LEST	53	-65	0	PEd-Right FEMUR	Sents/fabricorcoady Transfer	① 2 3 9	6
y- D	FRONT/LEST BUMPER CORNER	77	-/19	0	Ped-Right Femury Hand	Governscuffs Finger swipes	7 2 3 9	8
R-1	Front Bungar LEFT Side	54	-42	0	Ped-Left Lowre leg	Sciffs and paint Chipping	1) 2 3 9	5
W-K	CENTER	50	-19	0	Course is a	Scuff of transition point of Burger	1 2 3 9	4
W-J	Air Dam teff UNCER-PLANE	30	- 30	0	PEd. Right Lower Leg foot		1 2 3 9	9
R-8	Ciscence plate	46	7	5cm	PEd-Right KNOE	second plate.	① 2 3 9	1
R-6	CERNTER FRONT BUMPER	60	13	0	Ped Right Kurat	Paint chipping, scuffs & Scratches	1) 2 3 9	2
R-2	Right family Bumper	39	32	0	RightLauka Leg/foot	7.7.7.	① 2 3 9	10
Y-J	Air Dam-Front Lower Right	128	31	0.2	Rightluck leg/foot	CRACKING	1 2 3 9	3
Y-H	Bunper. Topp Front-Right	, w	41	0	Inchitect Dannye	Moveding Damage/ Stuffe	(P) 2 3 9	
Y-K	160	410	69	Broken	UNK	Baken coure	(1) 2 3 9	
W-c		53	74	0	ink	SMAIL GOLYES	1) 2 3 9	<b></b>
Y-A		70	77	0.7	· UNK	Dent/ possibly unrelated	1 2 3 9	
						•	1 2 3 9	
							1 2 3 9	
							1 2 3 9	
							1 2 3 9	
							1 2 3 9	
							1 2 3 9	

\* w= white; R= Red; Y= YEllow)

## POINTS OF PEDESTRIAN CONTACT CHRONOLOGICAL ORDER OF CONTACTS

CONTACT #	COMPONENT Contacted Code	LONGITUDINAL Location (X)	LATERAL LOCATION (Y)	CRUSH IN CENTIMETERS	SUSPECTED Body region	SUPPORTING PHYSICAL EVIDENCE	CONFIDENCE LEVEL OF CONTACT POINT ( <i>Circle</i> )
1	700	46	7	5 (M	Ped #01 Right Lower Leg	Bruken Modding And dented license plate	1) 2 3 9
2	700	60	/3	0	Pend of Right lame leg	Sean Keen/Paul Chipping Scuffs	① 2 3 9
3	701	28	31	0.2	Ped Ol Right Lowbor Leg/foot	Cencking/Sentites	① 2 3 9
4	700	50	- 19	υ	lest usy	Scalf of fumper Transition	1 ② 3 9
5	700	54	-42	0	PEd 01 Lowere Left leg	Scitts and paint Chipping	① 2 3 9
6	700	53	-65	0	Ped ba Right Femur	Scoffs, Fabank De Causly Transfer	① 2 3 B
7	700	<i>5</i> 3	-123	0	PED 02 Right	Scutts, Ecnatching to top of Bumper	1 2 3 9
8	700	47	-//9	0	Porton Right Femul/Hand	gonges, sents, linger suipex	① 2 3 9
9	701	30	-30	0	Perd Oa Right Lower LEg/foot	Scenpes, Scentches	1 ② 3 9
10	7 <i>0</i> 0	39	32	ð	Parcial Right Course 169/foot	Scantches/Swife	① 2 3 9
11	703	83	-24	0,3	REDOI, HID	DENT, SMUDGES	① 2 3 9
12	720	/00	29	0.1	UNKNOWN	Dent/Smriges	Ø 2 3 9
13	775	204	-21	0	Ped 01 Right Hand	FINGER WIPES/ SMUDGES	① 2 3 9
14					ŕ		1 2 3 9
15							1 2 3 9
16							1 2 3 9
17							1 2 3 9
18							1 2 3 9
19							1 2 3 9
20							1 2 3 9
21							1 2 3 9
22							1 2 3 9
23							1 2 3 9
24							1 2 3 9
25							1 2 3 9

VEHICLE DIMENSIONS	11. Hood Width Rear Opening l 니 니
	Code to the
4. Original Wheelbase 2 4 6	nearest centimeter
Code to the	(210) 210 centimeters or more
nearest centimeter	(999) Unknown
(999) Unknown	(coo) chikhowh
inches X 2.54 = centimeters	inches X 2.54 = centimeters
<del></del>	12. Hood/Fender Vertical/Lateral Crush From
5. Original Average Track Width 1 5	Pedestrian 1
Code to the	(0) Not damaged
nearest centimeter	(1) Surface scratching only, no residual crush
(185) 185 centimeters or more	(2) Minor crush (1-3 centimeters)
(999) Unknown	(3) Moderate crush (4-7 centimeters)
inghes V 2 E4 —	(4) Severe crush (>7 centimeters)
inches X 2.54 = centimeters	(8) Damage present, unknown if damage is from
	pedestrian impact
6. Hood Material3_	(9) Unknown
(1) Plastic	
(2) Fiberglass	13. Windshield Contact Damage
(3) Steel	From Pedestrian Contact
(4) Aluminum	(0) Not contacted by pedestrian
(5) Stainless Steel	(1) Contacted by pedestrian - not damaged
(8) Other (specify):	(2) Contacted by pedestrian - damaged
(9) Unknown	(3) Unknown if contacted by pedestrian - not
	damaged
7. Hood Original 1	(4) Unknown if contacted by pedestrian -
Equipment Manufacturer (OEM)	damaged
(1) OEM factory installed hood	(9) Unknown if contacted by pedestrian -
(2) OEM replacement	unknown if damaged
(3) Non-OEM replacement	·
(9) Unknown	FRONT CONTACT DAMAGE
8. Hood Length	Front Vertical Measurements
Code to the	_
nearest centimeter	14. Front Bumper Cover Material 3
(180) 180 centimeters or more	(0) No front contact
(999) Unknown	(1) Plastic
	(2) Fiberglass
inches X 2.54 =centimeter	(3) Rubber
·	(4) Other (specify):
9. Hood Width Forward Opening 134	(9) Unknown
Code to the	45.5 .5
nearest centimeter	15. Front Bumper Reinforcement Material
(210) 210 centimeters or more	(0) No front contact
(999) Unknown	(1) Steel
	(2) Aluminum
inches X 2.54 = centimeters	(3) Stainless Steel
	(4) Other (specify):
0. Hood Width Midway <u>년 년</u> 0	(9) Unknown
Code to the	16 Front Burner - Bassan Halaka 0 7 5
nearest centimeter	16. Front Bumper-Bottom Height 0 3 5
(210) 210 centimeters or more	Code to the nearest centimeter
(999) Unknown	(000) No front contact
	(150) 150 centimeters or more
inches X 2.54 = centimeters	(999) Unknown
	(000) OHRHOWN
	inches X 2.54 = centimeters

	Front Bumper-Top Height Code to the nearest centimeter (000) No front contact (150) 150 centimeters or more (999) Unknown	23. Ground to Base of Windshield  Code to the nearest centimeter (000) No front contact (400) 400 centimeters or more (999) Unknown
	inches X 2.54 = centimeters	inches X 2.54 = centimeters
18.	Forward Hood Opening Code to the nearest centimeter (000) No front contact (200) 200 centimeters or more (999) Unknown	24. Ground to Top of Windshield  Code to the nearest centimeter (000) No front contact (500) 500 centimeters or more (999) Unknown
	inches X 2.54 = centimeters	inches X 2.54 = centimeters
	Front Bumper Lead (00) No front contact Code to the nearest centimeter (30) 30 centimeters or more (99) Unknown	25. Ground To Head Contact  Code to the nearest centimeter (000) No front contact (400) 400 centimeters or more (998) No head contact (999) Unknown
	inches X 2.54 = centimeters	inches X 2.54 = centimeters
	Front Wrap Distance Measurements	SIDE CONTACT DAMAGE
		Side Vertical Measurements
20.	Ground to Forward Hood Opening  Code to the nearest centimeter (000) No front contact (200) 200 centimeters or more (999) Unknown  inches X 2.54 = centimeters	26. Ground Clearance  Code to the nearest centimeter (000) No side contact (150) 150 centimeters or more (999) Unknown
21.	Ground to Front/Top Transition Point 2 7 9  Code to the nearest centimeter (000) No front contact (180) 180 centimeters or more (999) Unknown  inches X 2.54 = centimeters	27. Side Bumper-Bottom Height  Code to the nearest centimeter  (000) No side contact (150) 150 centimeters or more (999) Unknown
22.	Ground to Rear Hood Opening  Code to the nearest centimeter (000) No front contact (400) 400 centimeters or more (999) Unknown  inches X 2.54 = centimeters	28. Side Bumper-Top Height  Code to the nearest centimeter  (000) No side contact (150) 150 centimeters or more (999) Unknown  inches X 2.54 = centimeters
L		

20	Centerline of Wheel	Side Lateral Measurements
23.	Code to the	
	nearest centimeter	
	(000) No side contact	35. Centerline to A-Pillar
	(150) 150 centimeters or more	at Bottom of Windshield
	(999) Unknown	(000) No side contact
		Code to the
	inches X 2.54 = centimeters	nearest centimeter
		(250) 250 centimeters or more
	^ -	(999) Unknown
30.	Top of Tire	inches V 2 5.4 —
	Code to the	inches X 2.54 = centimeters
	nearest centimeter	
	(000) No side contact	36. Centerline to A-Pillar
	(200) 200 centimeters or more	at Top of Windshield
	(999) Unknown	Code to the
	inches V O E A	nearest centimeter
	inches X 2.54 = centimeters	(000) No side contact
		(250) 250 centimeters or more
31	Top of Wheel Well Opening	(999) Unknown
"	Code to the	
	nearest centimeter	inches X 2.54 = centimeter
	(000) No side contact	
	(250) 250 centimeters or more	37. Centerline to Maximum Side
	(999) Unknown	
]		View Mirror Protrusion
	inches X 2.54 = centimeters	Code to the nearest centimeter
_		(000) No side contact
32.	Bottom of A-Pillar at Windshield OOO	(300) 300 centimeters or more
	Code to the	(999) Unknown
1	nearest centimeter	, , , , , , , , , , , , , , , , , , , ,
	(000) No side contact (250) 250 centimeters or more	inches X 2.54 = centimeter
1	(999) Unknown	
	(555) Shkilowii	Pide Marine Pillar
	inches X 2.54 = centimeters	Side Wrap Distance Measurements
		38. Ground to Side/Top Transition
33.	Top of A-Pillar at Windshield 0 0 0	Code to the
1	Code to the	nearest centimeter
	nearest centimeter	(000) No side contact
	(000) No side contact	(400) 400 centimeters or more
	(300) 300 centimeters or more	(999) Unknown
	(999) Unknown	
	inches Y 2.54 —	inches X 2.54 = centimeters
l	inches X 2.54 = centimeters	
		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
34	Top of Side View Mirror	39. Ground to Hood Edge
📆	Code to the	Code to the
	nearest centimeter	nearest centimeter
	(000) No side contact	(000) No side contact (500) 500 centimeters or more
1	(300) 300 centimeters or more	(999) Unknown
	(999) Unknown	(000) Olikilowii
1		inches X 2.54 = centimeters
	inches X 2.54 = centimeters	
L		1

Page 10

	_		2 2 0
40.	Groun	d to Centerline of Hood Code to the	000
		nearest centimeter	
	(000)	No side contact	
	(700)	700 centimeters or more	
	(999)	Unknown	
		inches X 2.54 =	centimeters
41.	Groun	d to Head Contact	000
		Code to the	
		nearest centimeter	
		No side contact	
	(800)	800 centimeters or more	
	(998)	No head contact	
	(999)	Unknown	
		inches X 2.54 =	
		Inches X 2.54 =	centimeters

PSU40 CASE 607P

#### 1995 PEDESTRIAN ACCIDENT FORM

IDENTIFICATION

3. Number of General Vehicle Forms Submitted

4. Date of Accident (Month, Day, Year) 5. Time of Accident (military time)

1844

SPECIAL STUDIES - INDICATORS

6. SS15 0 7. SS16 1 8. SS17 0 9. SS18 0 10. SS19 0

NUMBER OF EVENTS

11. Number of Recorded Events in This Accident 01

#### PSU40 CASE 607P

#### 1995 PEDESTRIAN ACCIDENT FORM

#### PEDESTRIAN ACCIDENT EVENTS

Accident Sequence Number	Vehicle Number	Class of Vehicle	General Area of Damage	Veh. Num. or Obj. Cont.	Class of Vehicle	General Area of Damage
***** **** **** **** **** ****	******************************				***** **** **** **** ****	•••·
12. 01	13. O1	14. 01	15. F	16. 72	17. 00	18. 0

# PSU40 1995 PEDESTRIAN INJURY FORM CASE 607P

VEHICLE 01 PEDESTRIAN 01

PEDESTRI	AN IN	JURY	DATA

	Source		Type						Inj.				
	of		o f	Spec.	Lev.				Source	Dir./		Type	
	Inj.	Body	Anat.	Anat.	of	AIS		Inj.	Conf.	Indir.	Str.	c f	Dmg.
	Data	Reg.	Struc.	Struc.	Imj.	Sev.	Asp.	Source	Level	Inj"	Pro.	Dmg.	Dep.
				**** **** **** **** ****	**** **** ****	**** **** ****	**** **** **** ****				···· ··· ···		
01.	3	8	<b>5</b>	18	16	2	1	700	1.	1	2	2	2

PSU40 CASE 607P

### 1995 PEDESTRIAN INJURY FORM

VEHICLE 01 PEDESTRIAN 01

### PEDESTRIAN INJURY DATA

	Source of Inj.		Type of Anat	Spec. Anat.		^ T.C				Dir./		Туре	
	Data	Reg.	Struc.	Struc.	Inj.	Sev.	Asp.	Inj. Source	Conf. Level	Indir. Inj.	Str. Pro.	of Dmg.	Dmg. Dep.
01. 02.	3 7	≅ 1	9	18 04	16 02	2 1	1 O		1	1	2 0	2	2

#### 1995 PEDESTRIAN GENERAL VEHICLE FORM

#### VEHICLE IDENTIFICATION 4. Vehicle Model Year 90 5. Vehicle Make $O_{\Theta}$ 6. Vehicle Model 017 7. Body Type 05 8. Vehicle Identification Number 1P3XP48K2LM OFFICIAL RECORDS 9. Police Reported Travel Speed 999 10. Speed Limit 048 11. Police Reported Alcohol Presence For Driver 12. Alcohol Test Result For Driver 99 13. Police Reported Other Drug Presence 7 14. Other Drug Specimen Test Result for Driver 9 VEHICLE WEIGHT ITEMS 15. Vehicle Curb Weight 1,150 16. Vehicle Cargo Weight 9,990 OTHER DATA 17. Vehicle Special Use (This Trip) RECONSTRUCTION DATA (COMPLETED BY THE ZONE CENTER) 18. Impact Speed 19. Accuracy Range of Impact Speed Estimate 1...( 20. Data Source of Impact Speed 3 PRECRASH DATA 21. Driver's Attention to Driving 9

10

FRECRASH DATA (continued)	
23. Critical Precrash Event	1 55
24. Attempted Avoidance Maneuver	(°):1
25. Precrash Stability After Avoidance Maneuve	r 9
26. Precrash Directional Consequences of	•
Avoidance Manuver (Corrective Action)	2

22. Pre-Event Vehicle Movement

ENV	IRONMENTAL DATA	
	Relation to Junction	2
28.	Trafficway Flow	1
29.	Number of Travel Lanes	2
	Roadway Alignment	1
	Roadway Profile	1
92.	Roadway Surface Type	2
33.	Roadway Surface Condition	2
34.	Traffic Control Device	0
35.	Traffic Control Device Functioning	Ō
36.	Light Conditions	3
	Atmospheric Conditions	2

#### 1995 PEDESTRIAN EXTERIOR VEHICLE FORM

#### VEHICLE DIMENSIONS

4.	Original Wheelbase	246
5.	Original Average Track Width	145
6.	Hood Material	3
7.	Hood Original Equip. Manufacturer	1
8.	Hood Length	106
9.	Hood Width Forward Opening	134
10.	Hood Width Midway	140
	Hood Width Rear Opening	144
12.	Hood/Fender Vertical/Lateral	
	Crush From Pedestrian	2
13.	Windshield Contact Damage From	
	Pedestrian Contact	1

#### FRONT CONTACT DAMAGE

## FRONT VERTICAL MEASUREMENTS 14. Front Bumper Cover Mater

16. Front Bumper-Bottom Height	035	15. Front Bumper Reinforcement Mat. 17. Front Bumper-Top Height 19. Front Bumper Lead	1 051 10
FRONT WRAP DISTANCE MEASUREMENTS			
20. Ground to Fwd. Hood Opening	075	21. Ground to Front/Top Transition P	t 079
22. Ground to Rear Hood Opening	098	23. Ground to Base of Windshield	098
24. Ground to Top of Windshield	130	25. Ground to Head Contact	999

#### SIDE CONTACT DAMAGE

#### SIDE VERTICAL MEASUREMENTS

26.	Ground Clearance	000
27.	Side Bumper-Bottom Height	000
28.	Side Bumper-Top Height	000
29.	Centerline of Wheel	000
30.	Top of Tire	000
31.	Top of Wheel Well Opening	000
32.	Bottom of A-Pillar at Windshield	000
	Top of A-Fillar at Windshield	000
34.	Top of Side View Mirror	000

#### SIDE CONTACT DAMAGE (continued)

#### SIDE LATERAL MEASUREMENTS

35.	Centerline	to	A-Pillar	at	Bottom	of Windshield	000
36.	Centerline	to	A-Pillar	at	Top of	Windshield	000
37.	Centerline	1:0	Mavioum C	Sida	a Uisau b	Mirror Protrucion	000

#### SIDE WRAP DISTANCE MEASUREMENTS

38.	Ground	to	Side/Top Transition	000
39.	Ground	to	Hood Edge	000
40 "	Ground	to	Centerline of Hood (Origin)	000
41.	Ground	to	Head Contact	000

40607P00000011 958.050000000000118440100001 9600000000 40607P00010012**333**958.051000000000101F72000 40607P00010021 8.05 000000000311079999999902011014989498999979670932999702 10100000000002 40607P00010131 8.05 00000000038518162170011222 40607P00010231 8.05 00000000071904021094711000 40607P01000041 8.05 0000000009009017051P3XP48K2LN 99904879979115999001 69391015049221211220032 40607P01000051 8.05 000000002461453110613414014421310350510751007507909809 

0000000000000

PSU40 CASE 607P CURRENT VERSION: 8.05

## ERROR SUMMARY SCREEN PEDESTRIAN STUDY



	1BER OF LLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
Pedestrian Accident	Ō	0	0	Υ
Pedestrian Assessment	Ô	Ö	Ö	Y
Pedestrian Injury	O	O	0	Υ
Pedestrian General Vehicle	0	0	Ō	Υ
Pedestrian Exterior Vehicle	0	0	O	Υ
Total Inter Errors		0	0	
Total Case Errors	0	O	0	