



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.

*** *** ***



PEDESTRIAN CASE SUMMARY NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

PSU 90

CASE NO. 638P

TYPE OF ACCIDENT Car/Pedestrian straight path

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. Do not include any personal identifiers.)

Vehicle 1 was eastbound on a 5-lane roadway. The pedestrian was crossing the road in a southerly direction. The front of vehicle 1 contacted the right side of the pedestrian who was running and trying to jump up onto the hood of vehicle 1 at impact. The pedestrian wrapped into the windshield and fell of the passenger side of the hood.

B. PEDESTRIAN PROFILE									
Pedestrian			Treatment/ Mortality	Most Severe Injury (TO BE COMPLETED BY ZONE CENTER)					
No.	Age	Sex		Body Region	Ana. Struc.	AIS	Injury Source		
01	29	Male	None	Left Knee	Abrasion	1	License Plate Bracket		

Body Region	Type of Anatomic Structure
Head	Whole Area
Face	Vessels
Throat	Nerves
Chest	Organs
Abdomen/Pelvis	Skeletal
Spine	Head-I OC

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

C VEHICLE PROFILE

Skin-Burn

Skin-Other

	Class		Most Severe Damage Based on Vehicle Inspection				
Vehicle No.	of Vehicle	Year/Make/Model	Damage Plane	Damage Description			
01	Intermediate	91 Volvo 240	Front	Scrapes, scratches, smudges			

DO NOT SANITIZE THIS FORM

Rody Region

Lower Extremity

External



ACCIDENT COLLISION DIAGRAM

National Highway Traffic Safety

NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

Administration PSU No. <u>90</u> Case Number—Stratum <u>638 P</u> **→**0 11 0 0 0 0 0 \Diamond PRIVATE 5. deWALK

U.S. Department of Transportation

ACCIDENT COLLISION DIAGRAM

National Highway Traffic Safety Administration NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

PSU No. A D	Indicate	
PSU No. <u>Q 0</u> Case Number—Stratum <u>6 3 8 P</u>	North	
A-BussTopSigN+Post 3.2 West/2.0 South		;
B-V#1-P#1 POT 1#14.5 East - 5.8 North		
Pett 4.5 EAST - 5.8 North		
C-V#1 FRP- 19.3 EAST-5,9 NOTTO		
D-Ped#1 FRP-218-2,2 NerTh		
(D)		
2.0 South	/	:
		PATH
3	100	:
Private 181		
-> ' Mc		Grass Aveva
		Se
4.3 3.4 11.5 15.1		WALK
	1,2	
	2.0	
	and a second	
	1	· 1

U.S. Department of Transportation -National Flighway Traffic Safety Administration

PEDESTRIAN ACCIDENT COLLISION MEASUREMENT TABLE National accident sampling system PEDESTRIAN CRASH DATA STUDY

Primary Sampling Unit Number <u>9</u>	£	Case Numb	per-Stratum <u>6</u> <u>3</u> <u>8</u> <u>P</u>
PEDESTRIAN ACCIDENT COLI	JSION DATA (COLLECTION ,	SCALED DIAGRAM
document reference point and reference line relative to physical features	Surface Type	BIT/ASPANLT .	north arrow placed on diagram
documentation of all accident induced physical evidence including (if applicable):	Surface Condition	$\frac{uv}{z_0}$	grade measurements for all applicable roadways
a) .vehicle skid marks	Coefficient of Fr	iction	scaled representations of the physical plant including:
b) pedestrian contacts with ground or object	Grade (v/h):Mea	isurement	all road/roadway delineation (e.g., crosswalks, curb/edge lines, lane markings, medians, pavement markings, parked vehicles, poles, signs, etc.)
c) vehicle/pedestrian point of impact (POI)	a) at impa	act	b) all traffic controls (e.g., lights, signs)
d) location of pedestrian separation point from vehicle	b) between final re		scaled representations of the vehicle and pedestrian at pre-impact, impact, and final rest based upon either.
f) final resting points (FRP) for pedestrian and vehicle	Pedestrian Trave	el Direction South	e) physical evidence, or
	Vehicle Travel D	7	e) reconstructed accident dynamics
a) all road/roadway delineation (e.g., crosswalks, curb/edge ines, lane markings, medians, pavement markings, parked vehicles, poles, signs, etc.) b) all traffic controls (e.g., lights, signs)	Number of Trave	a: Lanes	•••
Reference Point: Bus STOP SIGNATURE POST	e N	Reference Line: Sou	ncurbline
ltem		Distance and Direction from Reference Point	Distance and Direction from Reference Line
ORGIN		0.0	2,0m South
Vehicle#1 POI		4.5m EAST	5.8m North
PedesTriAN#190F		4.5mEAST	5.8 m Norm
Vehicle#1 F.R.P.	·	3315 m EAST	5.9 m North
Pedestrian # F.R.	Ρ,	22.8m EAST	2.2m North
(DN 50	ene	of Accident	

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PEDESTRIAN ACCIDENT FORM NATIONAL ACCIDENT SAMPLING SYSTEM

PEDESTRIAN CRASH DATA STUDY

National Highway Traffic Safety Adminis #ration

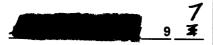
Primary Sampling Unit Number

case Number - Stratum

IDENTIFICATION

3 Number of General Vehicle Forms Submitted

4. Date of Accident (Month, Day, Year)



5. Time of Accident

Code reported military time of accident.

NOTE: Midnight = 2400 Unknown = 9999

SPECIAL STUDIES - INDICATORS

Check (✓) each special study (SS15-SS19 below) that has been completed; code 1 for the checked special studies and 0 for the special studies not checked.

6. ____SS15 Administrative Use

0

7. ____SS16 Pedestrian Crash Data Study

8. SS17 Impact Fires

0

1

9. SS18 ____

10. ____SS19 ____

0

0

NUMBER OF EVENTS

Number of Recorded Events in This Accident

0 1

PEDESTRIAN STUDY CRITERIA

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 not 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

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 3</u>	15. <u>F</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

PEDESTRIAN ASSESSMENT FORM

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

National Highway Traffic Safety Administration	NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY
1. Primary Sampling Unit Number 90	10. Pedestrian's Weight Ode actual weight to the pearest
2. Case Number - Stratum 6 38 P	kilogram. (999) Unknown
3. Pedestrian Number <u>0 1</u>	$\frac{150}{\text{pounds X .4536}} = 0.68 \text{ kilograms}$
PEDESTRIAN'S CHARACTERISTICS	PEDESTRIAN'S PRE-AVOIDANCE ACTIONS
4. Pedestrian's Age Code actual age at time of accident. (00) Less than one year old (specify by month): (97) 97 years and older (99) Unknown 5. Pedestrian's Sex (1) Male (2) Female - not reported pregnant (3) Female - pregnant-1st trimester (1st-3rd month) (4) Female - pregnant-2nd trimester (4th-6th month) (5) Female - pregnant-3rd trimester (7th-9th month) (6) Female - pregnant-term unknown (9) Unknown 6. Pedestrian's Overall Height Code actual height to the nearest centimeter. (999) Unknown 1 inches X 2.54 = 17 centimeters 7. Pedestrian's Height - Ground to Knee Code to the nearest centimeter. (999) Unknown 2 inches X 2.54 = 53 centimeters 8. Pedestrian's Height - Ground to Hip Code to the nearest centimeter. (999) Unknown 3 inches X 2.54 = 793 centimeters 9. Pedestrian's Height - Ground to Shoulder Code to the nearest centimeter. (999) Unknown Unknown	11. Pedestrian Attitude (1) Standing (2) Crouching (3) Kneeling (4) Bending at waist (8) Other (specify): (9) Unknown 12. Pedestrian Motion (0) Not moving (1) Walking slowly (2) Walking rapidly (3) Running or jogging (4) Hopping (5) Skipping (6) Jumping (7) Falling/stumbling or rising (8) Other (specify): (9) Unknown 13. Pedestrian's Action Relative to Vehicle (00) Stopped (01) Crossing road, straight (02) Crossing road, diagonally (03) Moving in road, with traffic (04) Moving in road, against traffic (05) Off road, approaching road (06) Off road, going away from road (07) Off road, moving parallel (08) Off road, moving parallel (08) Off road, moving along driveway (99) Offer (specify): (99) Unknown 14. Pedestrian's Body (Chest) Orientation Relative to Striking Vehicle Prior to Avoidance Actions (1) Facing wehicle (2) Facing away (3) Left side to vehicle
$\underline{59}$ inches X 2.54 = $\underline{59}$ centimeters	(4) Right side to vehicle (8) Other (specify): (9) Unknown

DEDECTRIANC AVOIDANCE ACTIONS	
15. Pedestrian's First Avoidance Actions (00) No avoidance actions (01) Stopped (02) Accelerated pace (03) Ran away (along vehicle path) (04) Jumped (05) Turned toward vehicle (06) Turned away from vehicle (07) Dove or fell away Used hand(s) to: (11) Vault corner of vehicle (12) Vault onto vehicle (13) Brace against vehicle (14) Crouched and braced hands against vehicle (98) Other (specify): (99) Unknown	18. Pedestrian's Arm Orientation at Initial Impact (01) At sides (02) Folded across chest (03) Hands clasped behind back (04) Hands on hips (05) Hands in pockets One or both arms: (06) Extended upward (07) Extended to side (08) Extended forward bracing (09) Extended, holding object (briefcase, suitcase, etc.) (10) Holding object (young child, grocery bag, etc.) in arm(s) (11) Holding object (young child, grocery bag, etc.) on shoulder(s) or head (98) Other (specify): (99) Unknown
16. Pedestrian's Head Orientation at Initial Impact (1) To front (2) To left (3) To right (4) Up (5) Down (8) Other (specify): (9) Unknown 17. Pedestrian's Body (Chest) Orientation at Initial Impact (1) Facing vehicle (2) Facing away (3) Left side to vehicle (4) Right side to vehicle (8) Other (specify): (9) Unknown	19. Pedestrian's Leg Orientation at Initial Impact (01) Together (02) Apart-laterally (03) Apart-right leg forward (04) Apart-left leg forward (05) Apart- forward leg unknown (06) Left foot off the ground (07) Right foot off the ground (08) Both feet off the ground (98) Other (specify): (99) Unknown 20. Vehicle/Pedestrian's Interaction (01) Carried by vehicle, wrapped position (02) Carried by vehicle, slid to windshield (03) Carried by vehicle, position unknown (04) Passed over vehicle top (05) Thrown straight forward (06) Thrown forward and left of vehicle (07) Thrown forward and right of vehicle (08) Knocked to pavement, forward (09) Knocked to pavement, right of vehicle (11) Knocked to pavement, run over or dragged by vehicle (12) Shunted to left (corner impacts only) (13) Shunted to right (corner impacts only) (14) Bumped or pushed aside (15) 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: PAR 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): (3) Specimen test given, results unknown or not obtained (9) Unknown	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): (9) Unknown
	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

STOP - VARIABLES 30 THROUGH 37 AF	RE COMPLETED BY THE ZONE CENTER
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 facility. (97) Injured, details unknown (99) Unknown if injured	34. 1st Medically Reported Cause of Death 35. 2nd Medically Reported Cause of Death 36. 3rd Medically Reported Cause of Death 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): (97) Other result (includes fatal ruled disease)
32. Arterial Blood Gases (ABG) – HCO ₃ (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO ₃ (96) ABGs reported, HCO ₃ unknown (97) Injured, details unknown (99) Unknown if injured	(specify):(99) Unknown 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
ADE ALL ADDITION DECORDS	
ARE ALL APPLICABLE MEDICAL RECORD: NO []	
UPDATE CANDIDATE?	NO[] YES[]

PEDESTRIAN INJURY FORM

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

NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

National Highway Traffic Safety Administration

3. Pedestrian Number

0 1

2. Case Number - Stratum

1. Primary Sampling Unit Number

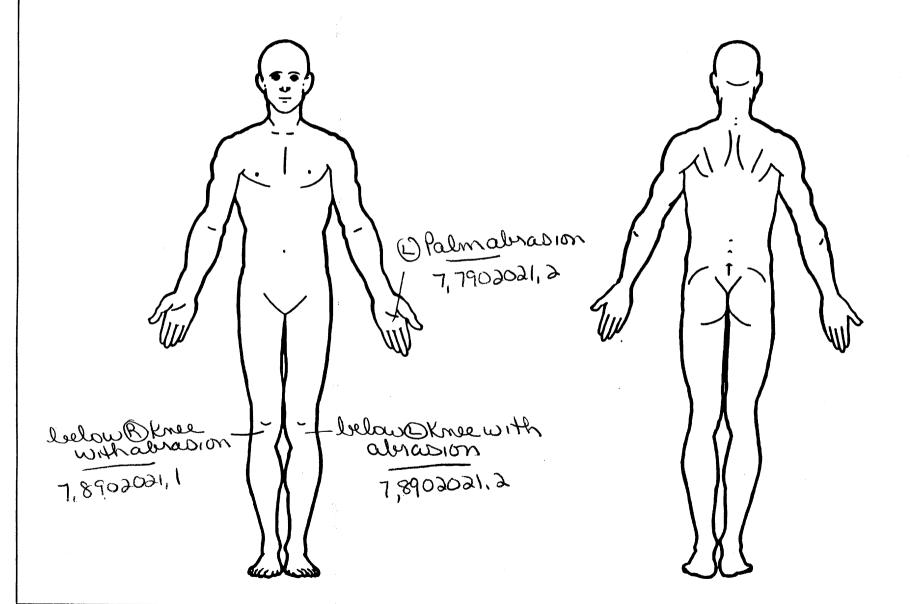
4. Blank

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.

	Source of Injury Data	Body Region	Type of Anatomic Structure	AIS-90 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
1st	5. 7	6. <u>8</u>	7. <u>9</u>	8. D)	9. <u>O </u>	10. /_	11.2	12.718	13	14.]	15	16	17. <u> </u>
2nd	18.7	19. 8	20. 7	21. 02	22.0 <u>2</u>	23. <u>/</u>	24.	25. 718 ed by	26. <u>l</u> Ded.	27/_	28. 4	29	30
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4.4							38. <u>948</u>					ï
4th	44	45	46	47	48	49	50	51	52	53	54	55	56
5th	57	58	59	60	61	62	63	64	65	66	67	68	69
6th	70	71	72	73	74	75	76	77	78	79	80	81	82
7th	83	84	85	86	87	88	·89. <u> </u>	90	91	92	93	94	95
8th	96	97	98	99 1	00	101	102	103	104	105	106	107	108
9th	109	110	111	1121	13	114	115	116	117	118	119	120	121
10th	122	123	124	1251	26	127	128	129	130	131	132	133	134

					PEDE!	STRIA	N INJL	JRY DAT	Α				
•	• Source of Injury Data		Type of Anatomic Structure	AIS.90 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	-								_			_
	16th			-		_							
	17th					· · ·			_	•	· ·		
	18th	_	_			_				_		_	· · ·
	19th		-									- Address	
	20th												-
	22nd	_										_	
	23rd	_	_				_						
	24th						_						
2	!5th								_	_			



Scratch (Scuff, Cloth Transfer, Smear) (3) Possible medical records Unknown (3) Dent (2) Hospital/medical records other than Large deformation DIRECT/INDIRECT INJURY emergency room (e.g., discharge (5) Cracked, fractured, shattered summary) Direct contact injury Separated from vehicle Indirect contact injury (3) Emergency room records only (including Noncontact injury Noncontact injury associated X-rays or other lab reports) Other specify: (7) Injured, unknown source (4) Private physician, walk-in or emergency Unknown STRIKING PROFILE DAMAGE DEPTH Injury not from vehicle contact (0) Injury not from vehicle contact(1) No residual damage Flat-Narrow (<15 centimeters) Flat-Wide (≥ 15 centimeters) UNOFFICIAL (5) Lay coroner report Surface only damage (6) E.M.S. personnel Rounded (contoured) Crush depth >0 to 2 centimeters Rounded edge (7) Interviewee Crush depth >2 to 5 centimeters Crush depth >5 to 10 centimeters Sharp edge Other (specify): (8) Other source (specify): (R) Other specify: (9) Police (9) Unknown (9) Unknown PEDESTRIAN INJURY CLASSIFICATION Abbreviated Injury Scale **Body Region** Specific Anatomic Structure Spine (02) Cervical Whole Area (02) Skin - Abrasion (04) Skin - Contusion Thoracic Minor injury Head Moderate injury Serious injury (2) Face (06) Lumbar (2) (3) (3) Neck (06) Skin - Laceration Vessels, Nerves, Organs, Bones, Joints Severe injury (4)Thorax are assigned consecutive two digit numbers beginning with 02 (5) (08) Skin - Avulsion (5) Critical injury Abdomen Maximum (untreatable) (10) Amputation (6) (6) Spine (7) injured, unknown severity Upper Extremity (20) Burn (7)(30) Crush Level of injury Lower Extremity (8) (40) Degioving (50) Injury - NFS (90) Trauma, other than mechanical Unspecified **Aspect** (9) Specific injuries are assigned consecutive two-digit Right Type of Anatomic Structure beginning with 02. (2) Left Bilateral Head - LOC (02) Length of LOC (04, 06, 08) Level of Consciousness Whole Area (3) To the extent possible, within the Central (2) Vessels (3) organizational framework of the AIS, 00 (5) Anterior Nerves is assigned to an injury NFS as to severity or where only one injury is given in the dictionary for that anatomic Posterior Organs (includes muscles/ (10) Concussion (6) Superior ligaments) Skeletal (includes joints) (8) Inferior (5) Head - LOC structure. 99 is assigned to any injury NFS as to lesion or severity. (9) Unknown Skin Whole region **INJURY SOURCE** Wheels / tires FRONT 790 Left front wheel / tire 700 Front bumper 744 B pillar 701 Front lower valance/spoiler 745 C pillar 791 Right front wheel / tire 702 Front grille 746 D pillar 792 Left rear wheel / tire 703 Hood edge and/or trim 748 Other pillar (specify): 793 Right rear wheel /tire 704 Hood ornament (fixed) 749 Right side roof rail 798 Other wheel / tire (specify): _ 705 Hood ornament (spring loaded) 750 Right side door surface 799 Unknown wheel / tire 706 Headlight 751 Right side door handle 707 Retractable headlight door (Open/Closed) 752 Right side mirror fixed housing Undercarriage components 708 Turn signal/parking lights 753 Right side folding mirror 800 Front crossmember 718 Other front or add on object (specify): 754 Right side glazing forward of B pillar 801 Steering assembly/Front suspension 755 Right side glazing rearward of B pillar 802 Oil pan 756 Rear antenna 803 Exhaust system pipe 719 Unknown front object 804 Transmission 757 Rear fender or quarter panel 805 Drive shaft Left Side Components 758 Other right side object 806 Catalytic converter 720 Front fender side surface (specify): 759 Unknown right side component 721 Front antenna 807 Muffler 722 A: pillar 808 Floor pan 723 A2 pillar 809 Fuel tank Back Components 760 Rear (back) bumper 724 B pillar 810 Rear suspension 818 Other undercarriage component 725 C piliar 761 Tailgate 726 D pillar 762 Hatchback, vertical surface 728 Other pillar 768 Other back component 819 Unknown undercarriage component (specify): (specify): 729 Left side roof rail 769 Unknown back component Accessories 820 Air scoop, deflector 730 Left side door surface 821 Cellular or CB radio antenna 731 Left side door handle Top Components 822 Emergency lights or bar 732 Left side mirror fixed housing 770 Hood surface 823 Fog lights 733 Left side folding mirror 771 Hood surface reinforced by under hood 824 Luggage, ski, or bike rack 734 Left side glazing forward of B pillar component 735 Left side glazing rearward of B piliar 772 Front fender top surface 825 Cargo (specify): 736 Left side back fender or quarter panel 773 Cowl area 826 Spare tire 737 Rear antenna 774 Wiper blade & mountings 827 Spotlight 738 Other left side object 775 Windshield glazing 828 Other accessory (specify): 776 Front neader (specify): _ 739 Unknown left side component Other Object or Vehicle in Environment 777 Roof surface Cerne 948 Other object (specify): Ro lib 778 Backlight glazing 779 Rear header Right Side Components 949 Unknown object in environment by 740 Front fender side surface 780 Hatchback 959 Unknown object on contacting venicle 741 Front antenna 781 Rear trunk lid 742 A1 pillar 788 Other top component (specify): ___ 997 Noncontact injury source 743 A2 pillar 789 Unknown top component 999 Unknown injury source

INJURY SOURCE CONFIDENCE LEVEL

121

Probable

TYPE OF DAMAGE (0) Injury not from vehicle contact

No damage/contact

(1)

SOURCE OF INJURY DATA

(1) Autopsy records with or without hospital/

OFFICIAL

OFFICIAL INJURY DATA - SKELETAL INJURIES

Restrained?

No

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

Yes

unavailable.)

Blood Alcohol Level (mg/dl)

BAL =

Glasgow Coma Scale Score

GCSS =

Units of Blood Given

Units =

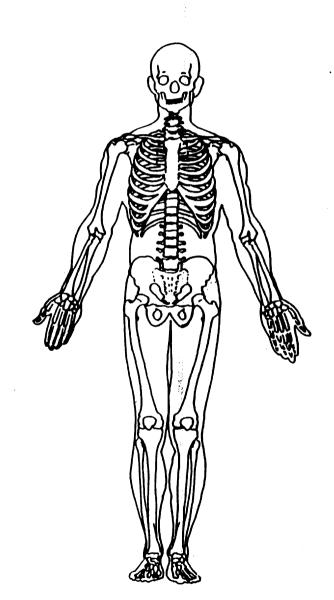
Arterial Blood Gases

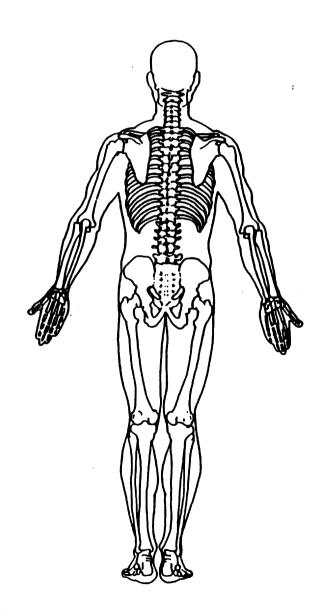
Ph =

PO, =

PCO,

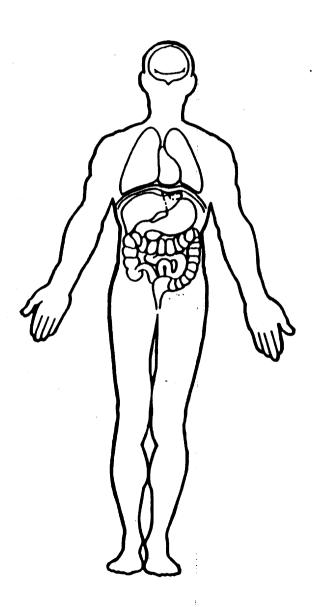
HCO,

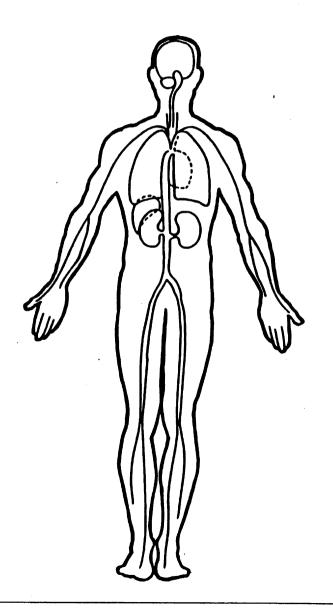




OFFICIAL INJURY DATA —INTERNAL INJURIES

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.)





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

1. Primary Sampling Unit Number 90	OFFICIAL RECORDS
2. Case Number - Stratum 6 38 P	9. Police Reported Travel Speed 999
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	mph X 1.6093 =kmph 10. Speed Limit (000) No statutory limit Code posted or statutory speed limit in kmph
5. Vehicle Make (specify): Applicable codes are found in your NASS PCDS Data Collection, Coding and Editing Manual. (99) Unknown	(999) Unknown 40 mph X 1.6093 = 064 kmph 11. Police Reported Alcohol Presence For Driver (0) No alcohol present (1) Yes alcohol present (7) Not reported (8) No driver present
6. Vehicle Model (specify): 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.	(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 Y 1 2 3 4 5 6 7 8 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: PAR 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)
- (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	18. Impact Speed Nearest kmph (NOTE: 000 means greater than .5 kmph) (160) 159.5 kmph and above (999) Unknown
Source: 16. Vehicle Cargo Weight Code weight to nearest 10 kilograms. (000) Less than 5 kilograms (450) 4,500 kilograms or more (999) Unknown Ibs X .4536 =, kgs	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
OTHER 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 STOP - VARIABLES 18 THROUGH 20 ARE COMPLETED BY THE ZONE CENTER	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): (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

The state of the s	rage
23. Critical Precrash Event 80	(83) Pedalcyclist or other nonmotorist in roadway
This Vehicle Loss of Control Due To:	(specify):
(01) Blow out or flat tire	(84) Pedalcyclist or other nonmotorist approaching
(O2) Stalled engine	roadway (specify):
(03) Disabling vehicle failure (e.g., wheel fell off)	(85) Pedalcyclist or other nonmotorist—unknown
(specify):	location (specify):
(04) Non-disabling vehicle problem (e.g., hood flew	Object or Animal
up) (specify):	(87) Animal in roadway
(05) Poor road conditions (puddle, pot hole, ice, etc.)	(88) Animal approaching roadway
(specify):	(89) Animal—unknown location
(06) Traveling too fast for conditions	(90) Object in roadway
(08) Other cause of control loss (specify):	(91) Object approaching roadway
	(92) Object—unknown location
(09) Unknown cause of control loss	(98) Other critical precrash event (specify):
This Vehicle Traveling	, and the second production (opening).
(10) Over the lane line on left side of travel lane	(99) Unknown
(11) Over the lane line on right side of travel lane	
(12) Off the edge of the road on the left side	24. Attempted Avoidance Maneuver
(13) Off the edge of the road on the right side	(00) No driver present
(14) End departure	(01) No avoidance actions
(15) Turning left at intersection	(02) Braking (no lockup)
(16) Turning right at intersection	(03) Braking (lockup)
(17) Crossing over (passing through) intersection	(04) Braking (lockup unknown)
(19) Unknown travel direction	(05) Releasing brakes
Other Motor Vehicle In Lane	(06) Steering left
(50) 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
(52) Traveling in same direction with higher speed	(10) Accelerating
(53) Traveling in opposite direction	(11) Accelerating and steering left
(54) In crossover	(12) Accelerating and steering right
(55) Backing	(98) Other action (specify):
(59) Unknown travel direction of other motor vehicle	(99) Unknown
in lane	
Other Motor Vehicle Encroaching Into Lane	25. Precrash Stability After Avoidance Maneuver
(60) From adjacent lane (same direction) - over left	(0) No driver present
lane line	(1) No avoidance maneuver
(61) 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
(64) From parking lane	(5) Skidding laterally—counterclockwise rotation (8) Other vehicle loss-of-control (specify):
(65) From crossing street, turning into same direction	(8) Other vehicle loss-of-control (specify):
(66) From crossing street, across path	(9) Precrash stability unknown
(67) From crossing street, turning into opposite	(a) Trooldon stability distribution
direction	26. Precrash Directional Consequences of
(68) From crossing street, intended path not known	Avoidance Maneuver (Corrective Action)
(70) From driveway, turning into same direction	(0) No driver present
(71) From driveway, across path	(1) No avoidance maneuver
(72) From driveway, turning into opposite direction	(2) Vehicle stayed in travel lane where avoidance
(73) From driveway, intended path not known	maneuver was initiated
(74) From entrance to limited access highway	(3) Vehicle stayed on roadway but left travel lane
(78) Encroachment by other vehicle—details	where avoidance maneuver was initiated
unknown	(4) Vehicle stayed on roadway, not known if left
Pedestrian or Pedalcyclist, or Other Nonmotorist	travel lane where avoidance maneuver was initiated
(80) Pedestrian in roadway	(5) Vehicle departed roadway
(81) Pedestrian approaching roadway	(6) Avoidance maneuver initiated off roadway
(82) Pedestrian—unknown location	(9) Directional consequences unknown

(9) Directional consequences unknown

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): (6) Unknown type of non-interchange (9) Unknown if interchange (1) Not physically divided (two way traffic) (2) Divided trafficway - median strip without positive barrier (3) Divided trafficway (4) Drive, alley access related (5) Sand, dirt or oil (8) Other (specify): (9) Unknown 34. Traffic Control Device (0) No traffic control(s) (1) Trafficway traffic control signal (no crossing) Regulatory or School Zone Sign (Not RR (2) Stop sign (3) Yield sign (4) School zone sign (5) Other sign (specify): (6) Unknown sign	
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(1) Interchange area (2) Wet (3) Snow and slush (4) Ice (5) Sand, dirt or oil (8) Other (specify): (9) Unknown type of non-interchange (9) Unknown if interchange (1) Not physically divided (two way traffic) (2) Divided trafficway - median strip with positive barrier (3) Divided trafficway (4) One way trafficway (5) Unknown (6) Unknown (7) Not physically divided (two way traffic) (8) Other (specify): (9) Unknown (1) Not physically divided (two way traffic) (2) Stop sign (3) Yield sign (4) School zone sign (5) Other sign (specify): (6) Unknown sign	
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(9) Unknown if interchange 28. Trafficway Flow (1) Not physically divided (two way traffic) (2) Divided trafficway - median strip without positive barrier (3) Divided trafficway - median strip with positive barrier (4) One way trafficway (9) Unknown (0) No traffic control(s) (1) Trafficway traffic control(s) (1) Trafficway traffic control(s) (1) Trafficway traffic control(s) (1) Trafficway traffic control signal (no crossing) Regulatory or School Zone Sign (Not RR (2) Stop sign (3) Yield sign (4) School zone sign (5) Other sign (specify):	
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28. Trafficway Flow (1) Not physically divided (two way traffic) (2) Divided trafficway - median strip without positive barrier (3) Divided trafficway - median strip with positive barrier (4) One way trafficway (9) Unknown (1) Not physically divided (two way traffic) (2) Regulatory or School Zone Sign (2) Stop sign (3) Yield sign (4) School zone sign (5) Other sign (specify):	
28. Trafficway Flow (1) Not physically divided (two way traffic) (2) Divided trafficway - median strip without positive barrier (3) Divided trafficway - median strip with positive barrier (4) One way trafficway (9) Unknown (1) Regulatory or School Zone Sign (Not RR (2) Stop sign (3) Yield sign (4) School zone sign (5) Other sign (specify):	t RR
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(3) Divided trafficway - median strip with positive barrier (5) Other sign (specify): (4) One way trafficway (6) Unknown sign	Grooding,
positive barrier (5) Other sign (specify): (4) One way trafficway (9) Unknown (6) Unknown sign	
(4) One way trafficway (9) Unknown (6) Unknown sign	
(9) Unknown sign	
(7) Warning sign (not RR crossing)	
29. Number of Travel Lanes (8) Miscellaneous/other controls includi controls (specify):	ng KK
(1) One	
(2) Two (9) Unknown	
(3) Three (4) Four	
(5) Five 35. Traffic Control Device Functioning	0
(6) Six (0) No traffic control	
(7) Seven or more (1) Not Functioning	
(9) Unknown (2) Functioning (9) Unknown	
1	
30. Roadway Alignment	1
(1) Straight 36. Light Conditions (2) Curve right (1) Daylight	
(2) Curve right (1) Daylight (2) Dark	
(9) Unknown (3) Dark, but lighted	
(4) Dawn	
31. Roadway Profile (5) Dusk (9) Unknown	
(1) Level	
(2) Uphill Grade (>2%)	1
(3) Downhill Grade (>2%) (4) Hillcrest (3) Atmospheric Conditions (1) No adverse atmospheric related driv	
(4) Hillcrest (1) No adverse atmospheric related driv (5) Sag conditions	ing
(9) Unknown (2) Rain	
(3) Sleet	
32. Roadway Surface Type (4) Snow (5) Fog	
(1) Concrete (6) Rain and fog	
(2) Bituminous (asphalt) (7) Sleet and fog	
(3) Brick or Block (8) Other (e.g., smog, smoke, blowing s	sand or
(4) Slag, gravel or stone dust, etc.) (specify):(5) Dirt (9) Unknown	
(8) Other (specify):	
(0)	
(9) Unknown	

90-638

9/ Vo/40 20/01=

30-70

10-20 inp. A

2970m

L-f+ 2.y

Rig 21 a --

Prople Shirt

K. Jehi

Tomai

blull up.

POI to FRP = 19,5 m = 64 ft.

PRT =1,5 Sec

f=0,65

64 = 1.5V + (2)(6,65-)(82.2)

0,023912+1,51 -64-0

 $V = \frac{-1.5 \pm 70.5)^2 - (4)(6.0239)(64)}{(2)(6.0239)}$

 $\frac{1.392}{(2)(0.0239)} = 29 fPS = 20 mph =$

32KPh

PEDESTRIAN EXTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number

3. Vehicle Number

2. Case Number - Stratum

VEHICLE IDENTIFICATION

VIN Y V 1 A A B B 4 7 M 1

Model Year 9/

Vehicle Make (specify): Vok VO

Vehicle Model (specify):

PEDESTRIAN FRONT CONTACT WORK SHEET

PEV06 Hood Material

PEV08 Hood Length

PEV09 Hood Width-Forward Opening

PEV10 Hood Width-Midway

PEV11 Hood Width-Rear Opening

PEV14 Front Bumper Cover Material

PEV15 Front Bumper Reinforcement Material

5	Tee	

VERTICAL MEASUREMENTS

PEV16 Front Bumper-Bottom Height

PEV17 Front Bumper-Top Height

PEV18 Forward Hood Opening

PEV19 Front Bumper Lead

WRAP DISTANCES

PEV20 Ground to Forward Hood Opening

PEV21 Ground to Front/Top Transition Point

PEV22 Ground to Rear Hood Opening

PEV23 Ground to Base of Windshield

PEV24 Ground to Top of Windshield

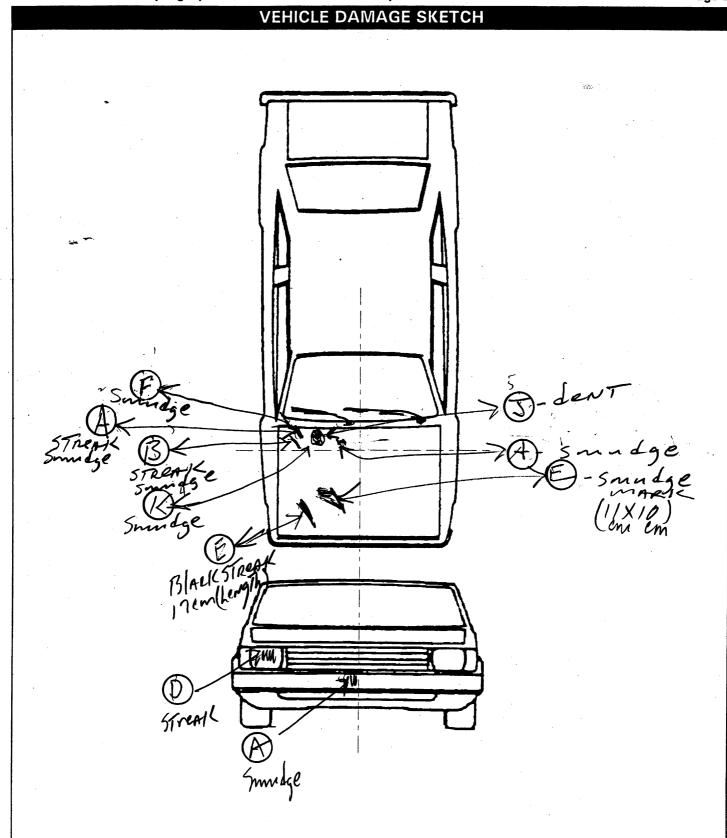
PEV25 Ground to Head Contact

cm

cm

cm cm

cm



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: ℓ cm

— /
cm
E m
cm
cm
cm
cm
cm
cm
cm
cm
cm
cm
cm
cm

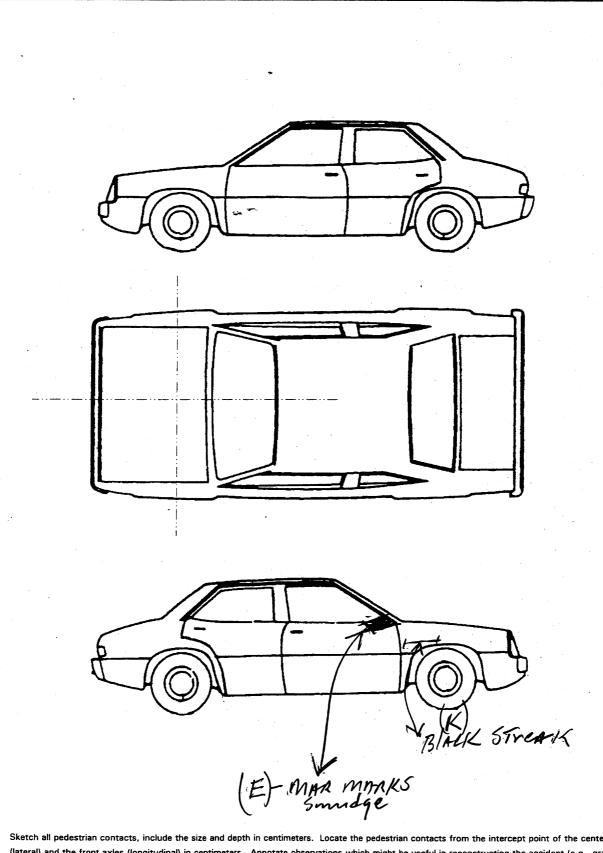
ORIGINAL SPECIFICATIONS

Whee1base	104.3 inches	x 2.54 =	265 cm
Overall Length	189.9 inches	x 2.54 =	482cm
Maximum Width	$\cancel{0}$ $\cancel{6}$ $\cancel{1}$ $\cancel{3}$ inches	x 2.54 =	171 cm
Curb Weight	2.919 pounds	x .4536 = /	. 3 2 4 kg
Average Track	$\cancel{8}\cancel{5}\cancel{4}\cancel{9}$ inches	x 2.54 =	<u> </u>
Front Overhang	\cancel{b} 96. \cancel{b} inches	x 2.54 =	244cm
Rear Overhang	L2HD inches	x 2.54 =	3 1 5 cm
Undeformed End Width	inches	x 2.54 =	cm
Engine Size: cyl./displ.	2300 cc	x .001 =	2.3 L
		x .0164 =	23 L

INJURY SOURCE

	INJURY SOURCE	
FRONT		Wheels / tires
700 Front bumper	744 B pillar	790 Left front wheel / tire
701 Front lower valance/spoiler	745 C pillar	791 Right front wheel / tire
702 Front grille	746 D pillar	792 Left rear wheel / tire
703 Hood edge and/or trim	748 Other pillar (specify):	793 Right rear wheel /tire
704 Hood ornament (fixed)	749 Right side roof rail	798 Other wheel / tire (specify):
705 Hood ornament (spring loaded)	750 Right side door surface	799 Unknown wheel / tire
706 Headlight	751 Right side door handle	
707 Retractable headlight door (Open/Closed)	752 Right side mirror fixed housing	Undercarriage components
708 Turn signal/parking lights	753 Right side folding mirror	800 Front cross member
718 Other front or add on object	754 Right side glazing forward of B pillar	801 Steering assembly/Front suspension
(specify):	755 Right side glazing rearward of B pillar	802 Oil pan
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
720 Front fender side surface	(specify):	806 Catalytic converter
721 Front antenna	759 Unknown right side component	807 Muffler
722 A1 pillar		808 Floor pan
723 A2 pillar	Back Components	809 Fuel tank
724 B pillar	760 Rear (back) bumper	810 Rear suspension
725 C pillar	761 Tailgate	818 Other undercarriage component
726 D pillar	762 Hatchback, vertical surface	(specify):
728 Other pillar	768 Other back component	819 Unknown undercarriage component
(specify):	(specify):	
729 Left side roof rail	769 Unknown back component	Accessories
730 Left side door surface		820 Air scoop, deflector
731 Left side door handle	Top Components	821 Cellular or CB radio antenna
732 Left side mirror fixed housing	770 Hood surface	822 Emergency lights or bar
733 Left side folding mirror	771 Hood surface reinforced by under hood	823 Fog lights
734 Left side glazing forward of B pillar	component	824 Luggage, ski, or bike rack
735 Left side glazing rearward of B pillar	772 Front fender top surface	825 Cargo (specify):
736 Left side back fender or quarter panel	773 Cowl area	826 Spare tire
737 Rear antenna	774 Wiper blade & mountings	827 Spotlight
738 Other left side object	775 Windshield glazing	828 Other accessory (specify):
(specify):	776 Front header	
739 Unknown left side component	777 Roof surface	Other Object or Vehicle in Environment
	778 Backlight glazing	947 Ground
Right Side Components	779 Rear header	948 Other object (specify):
740 Front fender side surface	780 Hatchback	949 Unknown object in environment
741 Front antenna	781 Rear trunk lid	959 Unknown object on contacting vehicle
742 A1 pillar	788 Other top component (specify):	_ 997 Noncontact injury source
743 A2 pillar	789 Unknown top component	999 Unknown 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:

		<u> </u>		POINTS	OF PEDEST	RIAN CONTA	CT		
				PEDEST	RIAN CONTA	CT WORKSHI	ET .		
	CONTACT 10	COMPONENT CONTACTED	LONGITUDINAL LOCATION (X)	LATERAL Location (Y)	CRUSH IN Centimeters	SUSPECTED Body region	SUPPORTING PHYSICAL EVIDENCE	CONFIDENCE LEVEL OF CONTACT POINT (Circle)	SEQUENCE #
	A	Brumper	+ 117	+28	Ø	heas	Smudge	2 3 9	7
	D	HEAT HIGHT	+86	+66	Ø	Leas	Smudge	02:11	1
(1,7cm)	(F)	Hood	+62	+43	(0)	Shoes	BIREAK	2 3 9	2
(11×10)	7	Hood	+45	+27	0	RADIO	Harriage	D2 3 9	2
10cm	13	Hord	- /3	+ 56	Ø	shoe	BISTREAK	6) 2 3 9	ك
20cm	H	11000	11	+ 66	D or	Hem	Smige	02 13	4
	$\frac{HJ}{\pi}$	14.000	_ / <u>S</u>	+ 44	Ø	HRM.	muage	2 3 9	ک 3
	なり	idanil	- 25 - 25	410	- 10 - 12	Λ	SKN Transpe	D2 3 9	3
3cm	7	tender	-60	179	Ø	HRM	Sugar 198	D2 3 9) ا
Length								1 2 3 9	<u> </u>
			*					1 2 3 9	
	E	KEAR VIEW MIRROR	-98	90	Ø	RASICO	STREAK COUGENAAK	€ 239	4
15em	K	Fisher	53	125	Ø	Shoe	Genge MARK STREAT	0233	4
Length		Lewer						1 2 3 9	
					2			1 2 3 9	
				Cass	97-	554	1507	1 2 3 9	
							1008/2	/1239	
							1008/4		
								1 2 3 9	
·								1 2 3 9	
								1 2 3 9	
								1 2 3 9	
								1 2 3 9	

			DOINITO	OF DEDECT	RIAN CONTACT		
					DER 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 (Circle)
$\left(\begin{array}{c} 1 \end{array}\right)$	718	129	0-10	O	Rhnee	Ped	2 3 9
<u>\\</u>	218	129	10-20	0	Larer	Dynamis	\bigcirc_{23}
3	hald	195 B	00m	SOX	R. Herz	obsessão	O 2 3 9
4							1 2 3 9
5							1 2 3 9
6							1 2 3 9
7					× 00 00 000000		1 2 3 9
8	48	718	= <i>L</i> ₁	chy	Plede \	Srecket	1 2 3 9
9							1 2 3 9
10							1 2 3 9
11							1 2 3 9
12							1 2 3 9
13							1 2 3 9
14							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 / 4 2
4. Original Wheelbase 2 6 5 Code to the	11. Hood Width Rear Opening Code to the nearest centimeter (210) 210 centimeters or more
nearest centimeter (999) Unknown	(999) Unknown
104.3 inches $\times 2.54 = 265$ centimeters	0.00000000000000000000000000000000000
5. Original Average Track Width Code to the nearest centimeter (185) 185 centimeters or more (999) Unknown 154. 9 inches x 2.54 = 139 centimeters	12. Hood/Fender Vertical/Lateral Crush From Pedestrian (0) Not damaged (1) Surface scratching only, no residual crush (2) Minor crush (1-3 centimeters) (3) Moderate crush (4-7 centimeters) (4) Severe crush (>7 centimeters) (8) Damage present, unknown if damage is from pedestrian impact
6. Hood Material (1) Plastic (2) Fiberglass (3) Steel	(9) Unknown 13. Windshield Contact Damage From Pedestrian Contact (0) Not contacted by pedestrian
(4) Aluminum(5) Stainless Steel(8) Other (specify):(9) Unknown	(0) Not contacted by pedestrian (1) Contacted by pedestrian - not damaged (2) Contacted by pedestrian - damaged (3) Unknown if contacted by pedestrian - not damaged (4) Unknown if contacted by pedestrian
7. Hood Original Equipment Manufacturer (OEM) (1) OEM factory installed hood	(4) Unknown if contacted by pedestrian -damaged(9) Unknown if contacted by pedestrian -
(2) OEM replacement(3) Non-OEM replacement	unknown if damaged
(2) OEM replacement(3) Non-OEM replacement(9) Unknown	unknown if damaged FRONT CONTACT DAMAGE
(2) OEM replacement (3) Non-OEM replacement (9) Unknown 8. Hood Length Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown	unknown if damaged
(2) OEM replacement (3) Non-OEM replacement (9) Unknown 8. Hood Length Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown Chapter Length centimeter	FRONT CONTACT DAMAGE Front Vertical Measurements 14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass
(2) OEM replacement (3) Non-OEM replacement (9) Unknown 8. Hood Length Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown Code to the inches X 2.54 = //// centimeter 9. Hood Width Forward Opening Code to the nearest centimeter (210) 210 centimeters or more (999) Unknown	FRONT CONTACT DAMAGE Front Vertical Measurements 14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass (3) Rubber (4) Other (specify):
(2) OEM replacement (3) Non-OEM replacement (9) Unknown 8. Hood Length Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown He hinches X 2.54 = 18 centimeter 9. Hood Width Forward Opening Code to the nearest centimeter (210) 210 centimeters or more (999) Unknown 11 3 2 Code to the nearest centimeter (210) 210 centimeters or more (999) Unknown	### TRONT CONTACT DAMAGE FRONT CONTACT DAMAGE Front Vertical Measurements 14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass (3) Rubber (4) Other (specify): (9) Unknown 15. Front Bumper Reinforcement Material (0) No front contact (1) Steel
(2) OEM replacement (3) Non-OEM replacement (9) Unknown 8. Hood Length Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown Code to the inches X 2.54 = //// centimeter 9. Hood Width Forward Opening Code to the nearest centimeter (210) 210 centimeters or more (999) Unknown	### Indept ### I

17. Front Bumper-Top Height Code to the nearest centimeter (000) No front contact (150) 150 centimeters or more (999) Unknown OLQ Cinches X 2.54 D Centimeters	23. Ground to Base of Windshield Code to the nearest centimeter (000) No front contact (400) 400 centimeters or more (999) Unknown Solution (1994) Linches X 2.54 = 2/Linches Centimeters
18. Forward Hood Opening Code to the nearest centimeter (000) No front contact (200) 200 centimeters or more (999) Unknown 11. Inches X 2.54 = 11. centimeters 12. Front Bumper Lead (00) No front contact Code to the nearest centimeter (30) 30 centimeters or more (99) Unknown 11. Inches X 2.54 = 11. centimeters 12. Front Bumper Lead (00) No front contact Code to the nearest centimeter (30) 30 centimeters or more (99) Unknown	24. Ground to Top of Windshield
	SIDE CONTACT DAMAGE
Front Wrap Distance Measurements	Side Vertical Measurements
I	
20. Ground to Forward Hood Opening	26. Ground Clearance Code to the nearest centimeter (000) No side contact (150) 150 centimeters or more (999) Unknown
Code to the nearest centimeter (000) No front contact (200) 200 centimeters or more (999) Unknown	Code to the nearest centimeter (000) No side contact (150) 150 centimeters or more

20	Contacting of Wheel	800	Side Lateral Measurements
29.	Centerline of Wheel Code to the		
	nearest centimeter		000
	(000) No side contact		35. Centerline to A-Pillar
	(150) 150 centimeters or more	_	at Bottom of Windshield (000) No side contact
	(999) Unknown -		Code to the
			nearest centimeter
	inches X 2.54 =	centimeters	(250) 250 centimeters or more
			(999) Unknown
30.	Top of Tire	220	
	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 X 2.54 =	centimeters	nearest centimeter
			(000) No side contact
		0.00	(250) 250 centimeters or more (999) Unknown
31.	Top of Wheel Well Opening	88B	(999) Onknown
-	Code to the		inches X 2.54 = centimeter
	nearest centimeter		
	(000) No side contact (250) 250 centimeters or more		
	(999) Unknown		37. Centerline to Maximum Side
			View Mirror Protrusion
	inches X 2.54 =	centimeters	Code to the nearest centimeter
		RRR	(000) No side contact
32.	Bottom of A-Pillar at Windshield	000	(300) 300 centimeters or more
	Code to the nearest centimeter		(999) Unknown
	(000) No side contact		
	(250) 250 centimeters or more		inches X 2.54 = centimeter
	(999) Unknown		
			Side Wrap Distance Measurements
	inches X 2.54 =	centimeters	·
		0.04.04	38. Ground to Side/Top Transition
33.	Top of A-Pillar at Windshield	000	Code to the
	Code to the		nearest centimeter
	nearest centimeter		(000) No side contact
	(000) No side contact (300) 300 centimeters or more		(400) 400 centimeters or more
	(999) Unknown		(999) Unknown
	(ecc, cinnotti		inches X 2.54 = centimeters
	inches X 2.54 =	centimeters	inches X 2.34 = centimeters
			A A. A.
24	Total Cirls Many Many	000	39. Ground to Hood Edge
34.	Top of Side View Mirror Code to the	200	Code to the
	nearest centimeter		nearest centimeter
	(000) No side contact		(000) No side contact (500) 500 centimeters or more
	(300) 300 centimeters or more		(999) Unknown
	(999) Unknown		
	5-1 V 0 F 4		inches X 2.54 = centimeters
	inches X 2.54 =	centimeters	

	(000) (700)	d to Centerline of Hood Code to the nearest centimeter No side contact 700 centimeters or more Unknown	220	•
		inches X 2.54 =	centimeters	
41.	Groun	d to Head Contact	998	
		Code to the		
	-	nearest centimeter		
		No side contact		· · ·
		800 centimeters or more		Section 1997
		No head contact Unknown		·
	(333)	Olikilowii		**
		inches X 2.54 =	centimeters	
				
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