New Format for SWITRS Raw Data

Beginning with first quarter 2002 SWITRS data, there was a change in format of raw data provided to SWITRS users.

The Statewide Integrated Traffic Records System (SWITRS) was re-engineered beginning with collisions dated January 2002. As part of this re-engineering, we have changed the format of the raw data provided upon request to SWITRS data users.

Beginning with first quarter 2002 data, the raw data will no longer be available in the format previously provided. The new format is in three separate files in ASCII fixed record length. The three files are the collision data file, party data file and victim data file. All three files are linked together with the same case ID# of each collision. The victim data is linked to the collision file by the case ID# and to their respective party by the party #.

Following is the raw data export layout for this new format. The new format is comma delimited and is available for prior years 2000 through 2009 as well as the available 2010 and available 2011.

Latitude and Longitude coordinates were added to SWITRS data beginning April 2006.

For any questions regarding this change, contact the Information Services Unit at (916) 843-4230.

SWITRS <u>Collision</u> Raw Data Export Layout

Item Name	Datatype(Length)	Description	Possible Values
Case Id	Varchar2(19)	the unique identifier of the collision report (barcode beginning 2002; 19 digit code prior to 2002)	
Collision Year	Number(4)	the year when the collision occurred	
Process Date	Number(8)	(YYYYMMDD)	
Jurisdiction	Number(4)	Four numerics assigned by DOJ	
Collision Date	Number(8)	the date when the collision occurred (YYYYMMDD)	
Collision Time	Number(4)	the time when the collision occurred (24 hour time)	Data may appear with no leading zero(s).
Officer Id	Varchar2(8)		
Reporting District	Varchar2(5)		
Day of Week	Char(1)	the code for the day of the week when the collision occurred	1 - Monday 2 - Tuesday 3 - Wednesday 4 - Thursday 5 - Friday 6 - Saturday 7 - Sunday
CHP Shift	Char(1)		1 - 0600 thru 1359 2 - 1400 thru 2159 3 - 2200 thru 0559 4 - CHP Not Stated 5 - Not CHP
Population	Char(1)		1 - Incorporated (less than 2500) 2 - Incorporated (2500 - 10000) 3 - Incorporated (10000 - 25000) 4 - Incorporated (25000 - 50000) 5 - Incorporated (50000 - 100000) 6 - Incorporated (100000 - 250000) 7 - Incorporated (over 250000) 9 - Unincorporated (Rural) 0 - University (Private Property) - - Not Stated
County City Location	Varchar2(4)	the location code of where the collision occurred	Data may appear with no leading zero.

Special Condition	Char(1)		1 - Schoolbus on Public Roadway (CHP Beat or CHP Adm Beat 901) 2 - State University (Also SFIA) 3 - Schoolbus Not on Public Roadway (CHP Adm Beat 903) 4 - Offroad (Unimproved) (CHP Adm Beat 906, 907) 5 - Vista Point or Rest Area (CHP Adm Beat 903) or Scales or Inspection Facility (CHP Com Beat 860-898) 6 - Other Public Access (Improved) (CHP Adm Beat 903) 0 - Not Above - - Not Stated
Beat Type	Char(1)		1 - CHP State Highway 2 - CHP County Road Line 3 - CHP County Road Area 4 - Schoolbus on City Roadway (CHP Adm Beat 901) 5 - Schoolbus not on Public Roadway (CHP Adm Beat 903) 6 - Offroad (Unimproved) (CHP Adm Beat 906, 907) 7 - Vista Point or Rest Area (CHP Adm Beat 903) or Scales or Inspection Facility (CHP Com Beat 860-898) 8 - Other Public Access (Improved) (CHP Adm Beat 903) 0 - Not CHP
CHP Beat Type	Char(1)		1 - Interstate 2 - US Highway 3 - State Route 4 - County Road Line 5 - County Road Area A - Safety Services Program Beats S - Administrative Beats (900's) 0 - Not CHP Contract City: 6 - US Highway 7 - State Route 8 - County Road Line 9 - County Road Area
City Division LAPD	Char(1)		Includes blanks and dashes as not stated.
CHP Beat Class	Char(1)		1 - CHP Primary 2 - CHP Other 0 - Not CHP

Beat Number	Varchar2(6)		
Primary Rd	Varchar2(50)		
Secondary Rd	Varchar2(50)		
Distance	Number(9,2)		distance converted to feet
Direction	Char(1)		N - North E - East S - South W - West - or blank - Not Stated, in Intersection
Intersection	Char(1)		Y - Intersection N - Not Intersection Blank - Not stated
Weather 1	Char(1)	the weather condition at the time of the collision	A - Clear B - Cloudy C - Raining D - Snowing E - Fog F - Other G - Wind - - Not Stated
Weather 2	Char(1)	the weather condition at the time of the collision, if a second description is necessary	same as weather 1 above
State Highway Indicator	Char(1)		Y - State Highway N - Not State Highway Blank - Not stated
Caltrans County	Char(3)		Includes blanks and nulls
Caltrans District	Number(2)		
State Route	Number(3)		0 = Not State Highway
Route Suffix	Char(1)		
Postmile Prefix	Char(1)		
Postmile	Number(6,3)		
Location Type	Char(1)		H - Highway I - Intersection R - Ramp (or Collector) - or blank - Not State Highway
Ramp Intersection	Char(1)		1 - Ramp Exit, Last 50 Feet 2 - Mid-Ramp 3 - Ramp Entry, First 50 Feet 4 - Not State Highway, Ramp-related, Within 100 Feet 5 - Intersection 6 - Not State Highway, Intersection-related, Within 250 Feet 7 - Highway 8 - Not State Highway - - Not Stated

Side Of Highway	Char(1)	Code provided by Caltrans Coders; applies to divided highway, based on nominal direction of route; for single vehicle is same as nominal direction of travel, overruled by impact with second vehicle after crossing median	N - Northbound S - Southbound E - Eastbound W - Westbound Blank - Not stated/not state highway
Tow Away	Char(1)		Y - Yes N - No
Collision Severity	Char(1)	the injury level severity of the collision (highest level of injury in collision)	1 - Fatal 2 - Injury (Severe) 3 - Injury (Other Visible) 4 - Injury (Complaint of Pain) 0 - PDO
Killed victims	Number(3)	counts victims in the collision with degree of injury of 1	0 to N for each collision
Injured victims	Number(3)	counts victims in the collision with degree of injury of 2, 3, or 4	0 to N for each collision
Party Count	Number(3)	counts total parties in the collision	1 to N for each collision
Primary Collision Factor	Char(1)		A - (Vehicle) Code Violation B - Other Improper Driving C - Other Than Driver D - Unknown E - Fell Asleep - - Not Stated
PCF Violation Code	Char(1)		B - Business and Professions C - Vehicle H - City Health and Safety I - City Ordinance O - County Ordinance P - Penal S - Streets and Highways W - Welfare and Institutions - - Not Stated
PCF Violation Category	Char(2)		01 - Driving or Bicycling Under the Influence of Alcohol or Drug 02 - Impeding Traffic 03 - Unsafe Speed 04 - Following Too Closely 05 - Wrong Side of Road 06 - Improper Passing 07 - Unsafe Lane Change 08 - Improper Turning 09 - Automobile Right of Way 10 - Pedestrian Right of Way 11 - Pedestrian Violation 12 - Traffic Signals and Signs 13 - Hazardous Parking

			14 - Lights 15 - Brakes 16 - Other Equipment 17 - Other Hazardous Violation 18 - Other Than Driver (or Pedestrian) 19 - 20 - 21 - Unsafe Starting or Backing 22 - Other Improper Driving 23 - Pedestrian or "Other" Under the Influence of Alcohol or Drug 24 - Fell Asleep 00 - Unknown - - Not Stated
PCF Violation	Number (5)		
PCF Violation Subsection	Char(1)		Blank if no subsection.
Hit And Run	Char(1)		F - Felony M - Misdemeanor N - Not Hit and Run
Type of Collision	Char(1)		A - Head-On B - Sideswipe C - Rear End D - Broadside E - Hit Object F - Overturned G - Vehicle/Pedestrian H - Other - - Not Stated
Motor Vehicle Involved With	Char(1)		A - Non-Collision B - Pedestrian C - Other Motor Vehicle D - Motor Vehicle on Other Roadway E - Parked Motor Vehicle F - Train G - Bicycle H - Animal I - Fixed Object J - Other Object - - Not Stated
Ped Action	Char(1)		A - No Pedestrian Involved B - Crossing in Crosswalk at Intersection C - Crossing in Crosswalk Not at Intersection D - Crossing Not in Crosswalk E - In Road, Including Shoulder

			F - Not in Road
			G - Approaching/Leaving School Bus
			- - Not Stated
Road Surface	Char(1)		A - Dry
			B - Wet
			C - Snowy or Icy
			D - Slippery (Muddy, Oily, etc.)
			- - Not Stated
Road Condition 1	Char(1)		A - Holes, Deep Ruts
			B - Loose Material on Roadway
			C - Obstruction on Roadway
			D - Construction or Repair Zone
			E - Reduced Roadway Width
			F - Flooded
			G - Other
			H - No Unusual Condition
			- - Not Stated
Road Condition 2	Char(1)		same as road condition 1 above
Lighting	Char(1)		A - Daylight
			B - Dusk - Dawn
			C - Dark - Street Lights
			D - Dark - No Street Lights
			E - Dark - Street Lights Not Functioning
			- - Not Stated
Control Device	Char(1)		A - Functioning
			B - Not Functioning
			C - Obscured
			D - None
			- - Not Stated
CHP Road Type	Char(1)		May be blank
Pedestrian Collision	Char(1)	indicates whether the collision involved a pedestrian	Y or blank
Bicycle Collision	Char(1)	indicates whether the collision involved a bicycle	Y or blank
Motorcycle Collision	Char(1)	indicates whether the collision involved a motorcycle	Y or blank
Truck Collision	Char(1)	indicates whether the collision involved a big truck	Y or blank
Not Private Property	Char(1)	indicates whether the collision occurred on private property	Y or blank
Alcohol Involved	Char(1)	indicates whether the collision involved a party that had been drinking	Y or blank
Statewide Vehicle Type At Fault	Char(1)	indicates the Statewide Vehicle Type of the party who is at fault	see Party folder Statewide Vehicle Type item
CHP Vehicle Type At Fault	Char(2)	indicates the CHP Vehicle Type of the party who is at fault	see Party folder CHP Vehicle Type Towing item
Severe Injury count	Number(3)	counts victims in the collision with degree of	0 to N for each collision

			injury of 2
Other Visible Injury count	Number(3)	counts victims in the collision with degree of injury of 3	0 to N for each collision
Complaint of Pain Injury count	Number(3)	counts victims in the collision with degree of injury of 4	0 to N for each collision
Pedestrian Killed count	Number(3)	Counts the victims in the collision with party type of 2 and degree of injury is 1	0 or 1 for each collision
Pedestrian Injured count	Number(3)	Counts the victims in the collision with party type of 2 and degree of injury is 2, 3, or 4	0 or 1 for each collision
Bicyclist Killed count	Number(3)	Counts the victims in the collision with party type of 4 and degree of injury is 1	0 to N for each collision
Bicyclist Injured count	Number(3)	Counts the victims in the collision with party type of 4 and degree of injury is 2, 3, or 4	0 to N for each collision
Motorcyclist Killed count	Number(3)	counts victims in the collision with statewide vehicle type of C or O and degree of injury of 1	0 to N for each collision
Motorcyclist Injured count	Number(3)	counts victims in the collision with statewide vehicle type of C or O and degree of injury of 2, 3, or 4	0 to N for each collision
Primary Ramp	Varchar2(2)		NO-NB On Ramp, NF-NB Off Ramp, SO-SB On Ramp, SF-SB Off Ramp, EO-EB On Ramp, EF-EB Off Ramp, WO-WB On Ramp, WF-WB Off Ramp, To, From, Transition, Collector, Connector & blank
Secondary Ramp	Varchar2(2)		Same as above
Latitude			
Longitude			

SWITRS <u>Party</u> Raw Data Export Layout

Case Id	Varchar2(19)	the unique identifier of the collision report (barcode beginning 2002; 19 digit code prior to 2002)	
Party Number	Number(3)		1 to 999
Party Type	Char(1)		1 - Driver (including Hit and Run) 2 - Pedestrian 3 - Parked Vehicle 4 - Bicyclist 5 - Other - - Not Stated
At Fault	Char(1)	indicates whether the party was at fault in the collision	Y
Party Sex	Char(1)	the code of the sex of the party	M - Male F - Female - - Not Stated
Party Age	Number(3)	the age of the party at the time of the collision	0 to 100+ (0 & blank = Not Stated)
Party Sobriety	Char(1)		A - Had Not Been Drinking B - Had Been Drinking, Under Influence C - Had Been Drinking, Not Under Influence D - Had Been Drinking, Impairment Unknown G - Impairment Unknown H - Not Applicable - - Not Stated
Party Drug Physical	Char(1)		E - Under Drug Influence F - Impairment - Physical H - Not Applicable I - Sleepy/Fatigued - - Not Stated
Direction Of Travel	Char(1)		N - North S - South E - East W - West - - Not Stated
Party Safety Equipment 1	Char(1)		A - None in Vehicle B - Unknown C - Lap Belt Used D - Lap Belt Not Used E - Shoulder Harness Used F - Shoulder Harness Not Used G - Lap/Shoulder Harness Used H - Lap/Shoulder Harness Not Used J - Passive Restraint Used

			K - Passive Restraint Not Used L - Air Bag Deployed M - Air Bag Not Deployed N - Other P - Not Required Q - Child Restraint in Vehicle Used R - Child Restraint in Vehicle Not Used S - Child Restraint in Vehicle, Use Unknown T - Child Restraint in Vehicle, Improper Use U - No Child Restraint in Vehicle V - Driver, Motorcycle Helmet Not Used W - Driver, Motorcycle Helmet Used X - Passenger, Motorcycle Helmet Not Used Y - Passenger, Motorcycle Helmet Used - or blank - Not Stated
Party Safety Equipment 2	Char(1)		same as Party Safety Equipment 1 above
Financial Responsibility	Char(1)		N - No Proof of Insurance Obtained Y - Yes, Proof of Insurance Obtained O - Not Applicable (used for parked cars, bicyclists, pedestrians, and party type others) E - Used if the officer is called away from the scene of the collision prior to obtaining the insurance information Blank - not stated
Special Information 1	Char(1)		A - Hazardous Materials - - Not Stated
Special Information 2	Char(1)		B - Cell Phone in Use (4/1/01) C - Cell Phone Not in Use (4/1/01) D - No Cell Phone/Unknown (4/1/01) - - Not Stated (4/1/01)
Special Information 3	Char(1)		E - School Bus Related (1/1/02) - - Not Stated (1/1/02)
OAF Violation Code	Char(1)		B - Business and Professions C - Vehicle H - City Health and Safety I - City Ordinance O - County Ordinance P - Penal S - Streets and Highways W - Welfare and Institutions - - Not Stated
OAF Violation Category	Char(2)		01 - Under Influence in Public (647F) 02 - County Ordinance 03 - City Ordinance

			05 - Business/Professions Code
			06 - Felony Penal Code
			08 - Controlled Substances (Felony Health and Safety)
			09 - Health/Safety Code (Misdemeanor)
			10 - Penal Code (Misdemeanor)
			11 - Streets/Highways Code
			13 - Welfare/Institutions Code
			15 - Manslaughter
			16 - Non-Vehicle Code Not Specified Above
			17 - Fish & Game Code
			18 - Agriculture Code
			19 - Hit and Run
			20 - Driving or Bicycling Under the Influence of Alcohol or Drug
			21 - Improper Lane Change
			22 - Impeding Traffic
			23 - Failure to Heed Stop Signal
			24 - Failure to Heed Stop Sign
			25 - Unsafe Speed
			26 - Reckless Driving
			27 - Wrong Side of Road
			28 - Unsafe Lane Change
			29 - Improper Passing
			30 - Following Too Closely
			31 - Improper Turning
			33 - Automobile Right-of-Way
			34 - Pedestrian Right-of-Way
			35 - Pedestrian Violation
			37 -
			38 - Hazardous Parking
			39 - Lights
			40 - Brakes
			43 - Other Equipment
			44 - Other Hazardous Movement
			46 - Improper Registration
			47 - Other Non-Moving Violation
			48 - Excessive Smoke
			49 - Excessive Noise
			50 - Overweight
			51 - Oversize
			52 - Over Maximum Speed
			53 - Unsafe Starting or Backing
			60 - Off-Highway Vehicle Violation
			61 - Child Restraint
			62 - Seat Belt
			63 - Seat Belt (Equipment)

			00 or Blank - Not Stated
OAF Violation Section	Number(5)		
OAF Violation Suffix	Char(1)		Blank may appear if no suffix.
Other Associated Factor 1	Char(1)		A - Violation E - Vision Obscurements F - Inattention (beginning 1/1/01, inattention not stated) G - Stop and Go Traffic H - Entering/Leaving Ramp I - Previous Collision J - Unfamiliar With Road K - Defective Vehicle Equipment L - Uninvolved Vehicle M - Other N - None Apparent O - Runaway Vehicle P - Inattention, Cell Phone (1/1/01) Q - Inattention, Electronic Equip.(1/1/01) R - Inattention, Radio/CD (1/1/01) S - Inattention, Smoking (1/1/01) T - Inattention, Eating (1/1/01) U - Inattention, Children (1/1/01) V - Inattention, Animal (1/1/01) W - Inattention, Personal Hygiene (1/1/01) X - Inattention, Reading (1/1/01) Y - Inattention, Other (1/1/01) - - Not Stated
Other Associated Factor 2	Char(1)		same as OAF 1 above
Party Number Killed	Number(3)	counts victims in the party with degree of injury of 1	0 to N for each party
Party Number Injured	Number(3)	counts victims in the party with degree of injury of 2, 3, or 4	0 to N for each party
Movement Preceding Collision	Char(1)		A - Stopped B - Proceeding Straight C - Ran Off Road D - Making Right Turn E - Making Left Turn F - Making U-Turn G - Backing H - Slowing/Stopping I - Passing Other Vehicle J - Changing Lanes K - Parking Maneuver

			L - Entering Traffic M - Other Unsafe Turning N - Crossed Into Opposing Lane O - Parked P - Merging Q - Traveling Wrong Way R - Other - - Not Stated
Vehicle Year	Number(4)	the model year of the party's vehicle	9999 or blank = not stated
Vehicle Make	Varchar2(50)	the full description of the make of the party's vehicle	
Statewide Vehicle Type	Char(1)		A - Passenger Car/Station Wagon B - Passenger Car with Trailer C - Motorcycle/Scooter D - Pickup or Panel Truck E - Pickup or Panel Truck with Trailer F - Truck or Truck Tractor G - Truck or Truck Tractor with Trailer H - Schoolbus I - Other Bus J - Emergency Vehicle K - Highway Construction Equipment L - Bicycle M - Other Vehicle N - Pedestrian O - Moped - or blank - Not Stated
CHP Vehicle Type Towing	Char(2)		01 - Passenger Car, Station Wagon, or Jeep 02 - Motorcycle 03 - Motor-Driven Cycle (< 15 hp) 04 - Bicycle 05 - Motorized Bicycle 06 - All-Terrain Vehicle (ATV) 07 - Sport Utility Vehicle 08 - Minivan 09 - Paratransit Bus 10 - Tour Bus 11 - Other Commercial Bus 12 - Non-Commercial Bus 13 - Schoolbus Public I (eff. 2002) 14 - Schoolbus Public II (eff. 2002) 15 - Schoolbus Private I (eff. 2002) 16 - Schoolbus Private II (eff. 2002) 17 - Schoolbus Contractual I (eff. 2002) 18 - Schoolbus Contractual II (eff. 2002

			19 – General Public Paratransit Vehicle (eff 2002
			20 - Public Transit Authority
			21 - Two-Axle Tank Truck
			22 - Pickup or Panel Truck
			23 - Pickup Truck With Camper
			24 - Three-Axle Tank Truck
			25 - Truck Tractor
			26 - Two-Axle Truck
			27 - Three-Axle Truck
			41 - Ambulance
			42 - Dune Buggy
			43 - Fire Truck (not rescue)
			44 - Forklift
			45 - Highway Construction Equipment (only while not in construction area)
			46 - Implement of Husbandry
			47 - Motor Home (40 ft or less)
			48 - CHP, Police, or Sheriff Car (emergency service or not)
			49 - CHP, Police, or Sheriff Motorcycle (emergency service or not)
			50 - Mobile Equipment
			51 - Farm Labor Vehicle (certified)
			55 - Two-Axle Tow Truck
			56 - Three-Axle Tow Truck
			57 - Farm Labor Vehicle (non-certified)
			58 - Farm Labor Transporter
			59 - Motorhome (over 40 ft)
			60 - Pedestrian (includes motorized wheelchair)
			61 - School Pupil Activity Bus I (prior to 2002)
			62 - School Pupil Activity Bus II (prior to 2002
			63 - "Youth" Bus
			64 - School Pupil Activity Bus I (eff. 2002)
			65 - School Pupil Activity Bus II (eff. 2002)
			66 – School Bus – No Pupils on Board (eff 2002)
			71 - Passenger Car - Hazardous Materials Only
			72 - Pickups and Panels - Hazardous Materials Only
			73 - Pickups and Campers - Hazardous Materials Only
			75 - Truck Tractor - Hazardous Materials

			Only
			76 - Two-Axle Truck - Hazardous Materials Only
			77 - Three or More Axle Truck - Hazardous Materials Only
			78 - Two-Axle Tank Truck - Hazardous Materials Only
			79 - Three-Axle Tank Truck - Hazardous Materials Only
			81 - Passenger Car - Hazardous Waste or Waste/Material Combo
			82 - Pickups and Panels - Hazardous Waste or Waste/Material Combo
			83 - Pickups and Campers - Hazardous Waste or Waste/Material Combo
			85 - Truck Tractor - Hazardous Waste or Waste/Material Combo
			86 - Two-Axle Truck - Hazardous Waste or Waste/Material Combo
			87 - Three or More Axle Truck - Hazardous Waste or Waste/Material Combo
			88 - Two-Axle Tank Truck - Hazardous Waste or Waste/Material Combo
			89 - Three-Axle Tank Truck - Hazardous Waste or Waste/Material Combo
			94 - Motorized Transportation Device
			95 - Miscellaneous Non-Motorized Vehicle (Ridden Animal, Animal-Drawn Conveyance, Train, Or Building) With Victim
			96 - Miscellaneous Motorized Vehicle (Golf Cart)
			97 - Low Speed Vehicle
			99 or dash - Not Stated or Unknown (Hit and Run)
CHP Vehicle Type Towed	Char(2)		same as CHP vehicle type towing above with the following additions:
			28 - Semi-Tank Trailer
			29 - Pull-Tank Trailer
			30 - Two-Tank Trailer
			31 - Semi-Trailer
			32 - Pull Trailer (includes dolly)
			33 - Two Trailers (or 31 + 32)
			34 - Boat Trailer
			35 - Utility Trailer
			36 - Trailer Coach
			37 - Extralegal Permit Load
			38 - Pole, Pipe, or Logging Dolly

			39 - Three Trailers (or 31 + 33) 40 - Federally Legal Semi-Trailer 52 - Federally Legal Double Cargo Combo (over 75 ft) 53 - Fifth Wheel Trailer 54 - Container Chassis 98 – Emergency Vehicle on an Emergency Run
Party Race	Char(1)		A - Asian O - Other B - Black W - White H - Hispanic Blank - Not stated Eff. 1/1/2002

SWITRS Victim Raw Data Export Layout

Case Id	Varchar2(19)	the unique identifier of the collision report (barcode beginning 2002; 19 digit code prior to 2002)	
Party Number	Number (3)		1 to 999
Victim Role	Char(1)		1 - Driver 2 - Passenger (includes non-operator on bicycle or any victim on/in parked vehicle or multiple victims on/in non-motor vehicle) 3 - Pedestrian 4 - Bicyclist 5 - Other (single victim on/in non-motor vehicle; e.g. ridden animal, horse-drawn carriage, train, or building) 6 - Non-Injured Party
Victim Sex	Char(1)		M - Male F - Female - - Not Stated
Victim Age	Number(3)	the age of the victim at the time of the collision	0 – 125 998 – Not Stated 999 – Fatal Fetus
Victim Degree of Injury	Char(1)		1 - Killed 2 - Severe Injury 3 - Other Visible Injury 4 - Complaint of Pain 0 - No Injury
Victim Seating Position	Char(1)		1 - Driver 2 thru 6 - Passengers 7 - Station Wagon Rear 8 - Rear Occupant of Truck or Van 9 - Position Unknown 0 - Other Occupants A thru Z - Bus Occupants - - Not Stated
Victim Safety Equipment 1	Char(1)		A - None in Vehicle B - Unknown C - Lap Belt Used D - Lap Belt Not Used E - Shoulder Harness Used F - Shoulder Harness Not Used G - Lap/Shoulder Harness Used H - Lap/Shoulder Harness Not Used J - Passive Restraint Used K - Passive Restraint Not Used

			L - Air Bag Deployed M - Air Bag Not Deployed N - Other P - Not Required Q - Child Restraint in Vehicle Used R - Child Restraint in Vehicle Not Used S - Child Restraint in Vehicle, Use Unknown T - Child Restraint in Vehicle, Improper Use U - No Child Restraint in Vehicle V - Driver, Motorcycle Helmet Not Used W - Driver, Motorcycle Helmet Used X - Passenger, Motorcycle Helmet Not Used Y - Passenger, Motorcycle Helmet Used - or blank - Not Stated
Victim Safety Equipment 2	Char(1)		same as Victim Safety Equipment 1 above (eff. Jan 2002)
Victim Ejected	Char(1)		0 - Not Ejected 1 - Fully Ejected 2 - Partially Ejected 3 - Unknown - - Not Stated