

## SWITRS Codebook

### SWITRS Collision Raw Data Export Layout

Item Name	Variable Name	Previous Variable Name	Datatype (Length)	Description	Possible Values
Case Id	<b>CASE_ID</b>	CASEID	Varchar2(19)	the unique identifier of the collision report (barcode beginning 2002; 19 digit code prior to 2002)	
Collision Year	<b>ACCIDENT_YEAR</b>	YEAR_	Number(4)	the year when the collision occurred	
Process Date	<b>PROC_DATE</b>	PROCDATE	Number(8)	(YYYYMMDD)	
Jurisdiction	<b>JURIS</b>	JURIS	Number(4)	Four numerics assigned by DOJ	
Collision Date	<b>COLLISION_DATE</b>	DATE_	Number(8)	the date when the collision occurred (YYYYMMDD)	
Collision Time	<b>COLLISION_TIME</b>	TIME_	Number(4)	the time when the collision occurred (24 hour time)	Data may appear with no leading zero(s).
Officer Id	<b>OFFICER_ID</b>	BADGE	Varchar2(8)		
Reporting District	<b>REPORTING_DISTRICT</b>	JURIDIST	Varchar2(5)		
Day of Week	<b>DAY_OF_WEEK</b>	DAYWEEK	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	<b>CHP_SHIFT</b>	SHIFT	Char(1)		1 - 0600 thru 1359 2 - 1400 thru 2159 3 - 2200 thru 0559 4 - CHP Not Stated 5 - Not CHP
Population	<b>POPULATION</b>	POP	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	<b>CNTY_CITY_LOC</b>	LOCATION	Varchar2(4)	the location code of where the collision occurred	Data may appear with no leading zero.
Special Condition	<b>SPECIAL_COND</b>	SPECIAL	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	<b>BEAT_TYPE</b>	BEATTYPE	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	<b>CHP_BEAT_TYPE</b>	CHPTYPE	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	<b>CITY_DIVISION_LAPD</b>	LAPDDIV	Char(1)		Includes blanks and dashes as not stated.
CHP Beat Class	<b>CHP_BEAT_CLASS</b>	BEATCLAS	Char(1)		1 - CHP Primary 2 - CHP Other 0 - Not CHP
Beat Number	<b>BEAT_NUMBER</b>	BEATNUMB	Varchar2(6)		
Primary Rd	<b>PRIMARY_RD</b>	PRIMARYRD	Varchar2(50)		
Secondary Rd	<b>SECONDARY_RD</b>	SECONDRD	Varchar2(50)		
Distance	<b>DISTANCE</b>	DISTANCE	Number(9,2)		distance converted to feet
Direction	<b>DIRECTION</b>	DIRECT	Char(1)		N - North E - East S - South W - West - or blank - Not Stated, in Intersection
Intersection	<b>INTERSECTION</b>	INTERSECT_	Char(1)		Y - Intersection N - Not Intersection Blank - Not stated
Weather 1	<b>WEATHER_1</b>	WEATHER1	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	<b>WEATHER_2</b>	WEATHER2	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	<b>STATE_HWY_IND</b>	STATEHW	Char(1)		Y - State Highway N - Not State Highway Blank - Not stated
Caltrans County	<b>CALTRANS_COUNTY</b>	CALTRANC	Char(3)		Includes blanks and nulls
Caltrans District	<b>CALTRANS_DISTRICT</b>	CALTRAND	Number(2)		
State Route	<b>STATE_ROUTE</b>	STROUTE	Number(3)		0 = Not State Highway
Route Suffix	<b>ROUTE_SUFFIX</b>	ROUTESUF	Char(1)		

Postmile Prefix	<b>POSTMILE_PREFIX</b>	POSTPRE	Char(1)		
Postmile	<b>POSTMILE</b>	POSTMILE	Number(6,3)		
Location Type	<b>LOCATION_TYPE</b>	LOCATYPE	Char(1)		H - Highway I - Intersection R - Ramp (or Collector) - or blank - Not State Highway
Ramp Intersection	<b>RAMP_INTERSECTION</b>	RAMP	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	<b>SIDE_OF_HWY</b>	SIDEHW	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	<b>TOW_AWAY</b>	TOWAWAY	Char(1)		Y - Yes N - No
Collision Severity	<b>COLLISION_SEVERITY</b>	CRASHSEV	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	<b>NUMBER_KILLED</b>	KILLED	Number(3)	counts victims in the collision with degree of injury of 1	0 to N for each collision
Injured victims	<b>NUMBER_INJURED</b>	INJURED	Number(3)	counts victims in the collision with degree of injury of 2, 3, or 4	0 to N for each collision
Party Count	<b>PARTY_COUNT</b>	PARTIES	Number(3)	counts total parties in the collision	1 to N for each collision
Primary Collision Factor	<b>PRIMARY_COLL_FACTOR</b>	PCF	Char(1)		A - (Vehicle) Code Violation B - Other Improper Driving C - Other Than Driver D - Unknown E - Fell Asleep - - Not Stated

PCF Violation Code	<b>PCF_CODE_OF_VIOL</b>	VIOLCODE	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	<b>PCF_VIOL_CATEGORY</b>	VIOLCAT	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	<b>PCF_VIOLATION</b>	VIOL	Number (5)		
PCF Violation Subsection	<b>PCF_VIOL_SUBSECTION</b>	VIOLSUB	Char(1)		Blank if no subsection.
Hit And Run	<b>HIT_AND_RUN</b>	HITRUN	Char(1)		F - Felony M - Misdemeanor N - Not Hit and Run
Type of	<b>TYPE_OF_COLLISION</b>	CRASHTYP	Char(1)		A - Head-On

Collision					B - Sideswipe C - Rear End D - Broadside E - Hit Object F - Overturned G - Vehicle/Pedestrian H - Other - - Not Stated
Motor Vehicle Involved With	<b>MVIW</b>	INVOLVE	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	<b>PED_ACTION</b>	PED	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	<b>ROAD_SURFACE</b>	ROADSURF	Char(1)		A - Dry B - Wet C - Snowy or Icy D - Slippery (Muddy, Oily, etc.) - - Not Stated
Road Condition 1	<b>ROAD_COND_1</b>	RDCOND1	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	<b>ROAD_COND_2</b>	RDCOND2	Char(1)		same as road condition 1 above
Lighting	<b>LIGHTING</b>	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	<b>CONTROL_DEVICE</b>	RIGHTWAY	Char(1)		A - Functioning B - Not Functioning C - Obscured D - None - - Not Stated
CHP Road Type	<b>CHP_ROAD_TYPE</b>	CHPRDTYP	Char(1)		May be blank
Pedestrian Collision	<b>PEDESTRIAN_ACCIDENT</b>	PEDCOL	Char(1)	indicates whether the collision involved a pedestrian	Y or blank
Bicycle Collision	<b>BICYCLE_ACCIDENT</b>	BICCOL	Char(1)	indicates whether the collision involved a bicycle	Y or blank
Motorcycle Collision	<b>MOTORCYCLE_ACCIDENT</b>	MCCOL	Char(1)	indicates whether the collision involved a motorcycle	Y or blank
Truck Collision	<b>TRUCK_ACCIDENT</b>	TRUCKCOL	Char(1)	indicates whether the collision involved a big truck	Y or blank
Not Private Property	<b>NOT_PRIVATE_PROPERTY</b>	NOTPRIV	Char(1)	indicates whether the collision occurred on private property	Y or blank
Alcohol Involved	<b>ALCOHOL_INVOLVED</b>	ETOH	Char(1)	indicates whether the collision involved a party that had been drinking	Y or blank
Statewide Vehicle Type At Fault	<b>STWD_VEHTYPE_AT_FAULT</b>	STFAULT	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	<b>CHP_VEHTYPE_AT_FAULT</b>	CHPFAULT	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	<b>COUNT_SEVERE_INJ</b>	SEVINJ	Number(3)	counts victims in the collision with degree of injury of 2	0 to N for each collision
Other Visible Injury count	<b>COUNT_VISIBLE_INJ</b>	OTHERINJ	Number(3)	counts victims in the collision with degree of injury of 3	0 to N for each collision
Complaint of Pain Injury count	<b>COUNT_COMPLAINT_PAIN</b>	COP	Number(3)	counts victims in the collision with degree of injury of 4	0 to N for each collision
Pedestrian	<b>COUNT_PED_KILLED</b>	PEDKILL	Number(3)	Counts the victims in the collision	0 or 1 for each collision

Killed count				with party type of 2 and degree of injury is 1	
Pedestrian Injured count	<b>COUNT_PED_INJURED</b>	PEDINJ	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	<b>COUNT_BICYCLIST_KILLED</b>	BICKILL	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	<b>COUNT_BICYCLIST_INJURED</b>	BICINJ	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	<b>COUNT_MC_KILLED</b>	MCKILL	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	<b>COUNT_MC_INJURED</b>	MCINJURE	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	<b>PRIMARY_RAMP</b>	RAMP1	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	<b>SECONDARY_RAMP</b>	RAMP2	Varchar2(2)		Same as above
CHP generated GPS latitude coordinate	<b>LATITUDE</b>	X_CHP			
CHP generated GPS longitude coordinate	<b>LONGITUDE</b>	Y_CHP			
X-Coordinate Location	<b>POINT_X</b>	POINT_X	Double	The longitude of the geocoded location; uses the World Geodetic System from 1984 (WGS84).	
Y-Coordinate Location	<b>POINT_Y</b>	POINT_Y	Double	The latitude of the geocoded location; uses the World Geodetic System from 1984 (WGS84).	
City	<b>CITY</b>	CITY	Varchar(30)		
County	<b>COUNTY</b>	COUNTY	Varchar(30)		

## SWITRS Party Raw Data Export Layout

Case Id	<b>CASE_ID</b>	caseid	Varchar2(19)	the unique identifier of the collision report (barcode beginning 2002; 19 digit code prior to 2002)	
Party Number	<b>PARTY_NUMBER</b>	parnum	Number(3)		1 to 999
Party Type	<b>PARTY_TYPE</b>	ptype	Char(1)		1 - Driver (including Hit and Run) 2 - Pedestrian 3 - Parked Vehicle 4 - Bicyclist 5 - Other - - Not Stated
At Fault	<b>AT_FAULT</b>	atfault	Char(1)	indicates whether the party was at fault in the collision	Y
Party Sex	<b>PARTY_SEX</b>	psex	Char(1)	the code of the sex of the party	M - Male F - Female - - Not Stated
Party Age	<b>PARTY_AGE</b>	page	Number(3)	the age of the party at the time of the collision	0 to 100+ (0 & blank = Not Stated)
Party Sobriety	<b>PARTY_SOBRIETY</b>	psober	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	<b>PARTY_DRUG_PHYSICAL</b>	pdrug	Char(1)		E - Under Drug Influence F - Impairment - Physical H - Not Applicable I - Sleepy/Fatigued - - Not Stated
Direction Of Travel	<b>DIR_OF_TRAVEL</b>	pdirect	Char(1)		N - North S - South E - East W - West - - Not Stated
Party Safety Equipment 1	<b>PARTY_SAFETY_EQUIP_1</b>	psafety1	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	<b>PARTY_SAFETY_EQUIP_2</b>	psafety2	Char(1)		same as Party Safety Equipment 1 above
Financial Responsibility	<b>FINAN_RESPONS</b>	insured	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	<b>SP_INFO_1</b>	hazard	Char(1)		A - Hazardous Materials -- Not Stated
Special Information 2	<b>SP_INFO_2</b>	cell	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	<b>SP_INFO_3</b>	sbus	Char(1)		E - School Bus Related (1/1/02) - - Not Stated (1/1/02)
OAF Violation Code	<b>OAF_VIOLATION_CODE</b>	pviolcod	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	<b>OAF_VIOL_CAT</b>	pviolcat	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	<b>OAF_VIOL_SECTION</b>	pviol	Number(5)		
OAF Violation Suffix	<b>OAF_VIOLATION_SUFFIX</b>	pviolsuf	Char(1)		Blank may appear if no suffix.
Other Associated Factor 1	<b>OAF_1</b>	oaf1	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	<b>OAF_2</b>	oaf2	Char(1)		same as OAF 1 above
Party Number Killed	<b>PARTY_NUMBER_KILLED</b>	pkilled	Number(3)	counts victims in the party with degree of injury of 1	0 to N for each party
Party Number Injured	<b>PARTY_NUMBER_INJURED</b>	pinjured	Number(3)	counts victims in the party with degree of injury of 2, 3,	0 to N for each party

				or 4	
Movement Preceding Collision	<b>MOVE_PRE_ACC</b>	movement	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	<b>VEHICLE_YEAR</b>	vehyear	Number(4)	the model year of the party's vehicle	9999 or blank = not stated
Vehicle Make	<b>VEHICLE_MAKE</b>	vehmake	Varchar2(50)	the full description of the make of the party's vehicle	
Statewide Vehicle Type	<b>STWD_VEHICLE_TYPE</b>	vehtype	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	<b>CHP_VEH_TYPE_TOWING</b>	chptype1	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
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					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
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					Cart) 97 - Low Speed Vehicle 99 or dash - Not Stated or Unknown (Hit and Run)
CHP Vehicle Type Towed	<b>CHP_VEH_TYPE_TOWED</b>	chptype2	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	<b>RACE</b>	prace	Char(1)		A - Asian            O - Other B - Black            W - White H - Hispanic        Blank - Not stated Eff. 1/1/2002
Inattention	<b>INATTENTION</b>		Char(1)	The July 2003 form revision separated 'P' Cell Phone into 'A' Handheld and 'B' Handsfree. All other values 'Q' through 'Y' were converted to 'C' through 'K'.	A - Cell Phone Handheld(7/1/03) B - Cell Phone Handsfree ((7/1/03) C - Electronic Equipment (1/1/01) D - Radio/CD (1/1/01) E - Smoking (1/1/01) F - Eating (1/1/01) G - Children (1/1/01) H - Animal (1/1/01) I - Personal Hygiene (1/1/01) J - Reading (1/1/01) K - Other (1/1/01) P - Cell Phone (1/1/01, value prior to 7/03 form revision) - - Not Stated
Special Info F	<b>SPECIAL_INFO_F</b>		Char(1)		F - 75 ft Motor Truck Combo - - Not Stated

Special Info G	<b>SPECIAL_INFO_G</b>		Char(1)		G - 32 ft Trailer Combo - - Not Stated
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## SWITRS Victim Raw Data Export Layout

Case Id	<b>CASE_ID</b>	caseid	Varchar2(19)	the unique identifier of the collision report (barcode beginning 2002; 19 digit code prior to 2002)	
Party Number	<b>PARTY_NUMBER</b>	parnum	Number (3)		1 to 999
Victim Role	<b>VICTIM_ROLE</b>	vtype	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	<b>VICTIM_SEX</b>	vsex	Char(1)		M - Male F - Female - - Not Stated
Victim Age	<b>VICTIM_AGE</b>	vage	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	<b>VICTIM_DEGREE_OF_INJURY</b>	vinjury	Char(1)		1 - Killed 2 - Severe Injury 3 - Other Visible Injury 4 - Complaint of Pain 5 – Suspected Serious Injury 6 – Suspected Minor Injury 7 – Possible Injury 0 - No Injury
Victim Seating Position	<b>VICTIM_SEATING_POSITION</b>	vseat	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	<b>VICTIM_SAFETY_EQUIP_1</b>	vsafety1	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	<b>VICTIM_SAFETY_EQUIP_2</b>	vsafety2	Char(1)		same as Victim Safety Equipment 1 above (eff. Jan 2002)
Victim Ejected	<b>VICTIM_EJECTED</b>	vejected	Char(1)		0 - Not Ejected 1 - Fully Ejected 2 - Partially Ejected 3 - Unknown - - Not Stated
Victim Number	<b>VICTIM_NUMBER</b>		Number (3)	the unique identifier of the victim	

