NYSDOT ACCIDENT DATA FILES

Information pertaining to a highway accident can be found in three related files. One file provides event information such as location, date, time, weather, and severity to list just a few items. The second file provides vehicle information with one record for each vehicle, pedestrian or bicyclist involved in the accident. The third file provides contributing factor information with two factors (records) for each vehicle, pedestrian or bicyclist involved in the accident. There are two contributing factor records related to each vehicle record based on DMV case year (case_yr), DMV case number (case_num), and vehicle sequence (veh_seq_num). Each accident event record can have from zero (none) to many vehicle records related to it based on DMV case year (case_yr), and DMV case number (case_num).

Accidents are classified as either reportable or non-reportable. All accidents involving either a death, personal injury or if the reported property damage to any single motor vehicle meets a threshold of at least one thousand dollars will be considered a reportable accident. Reportable accidents always have event, vehicle and contributing factor information. Non-reportable accidents usually have only a limited amount of event information coded by DMV. The only event information captured by DMV for a typical non-reportable accident is location (reference marker and intersection number) and date. There usually is no vehicle or contributing factor data for non-reportable accidents. However, vehicle and contributing factor records can exist for non-reportable accidents, but all the data fields will contain code values of not entered or not available.

Each accident (event) is represented by a single accident record. The amount of information available in each record depends on whether the accident is classified as reportable or non-reportable.

The accident event data file structure, field definitions, and code values are as follows:

FIELD	TYPE	WIDTH	POSITION	DEFINITION	CODE VALUES
CASE_NUM	Character	9		Case number assigned by DMV.	Integer values.
CASE_YR	Number			Year of accident	Integer values.
REF_MRKR	Character	12		NYSDOT reference marker closest to where the accident occurred.	The full reference marker legend.
ACCD_DTE	Date/Timer			Date of the accident in the format: 05-JAN-1991.	Valid calendar dates.

FIELD	TYPE	WIDTH	POSITION	DEFINITION	CODE VALUES
ROAD_SYS	Character	2		Code assigned by DMV. All valid codes found in accident data after August 31, 2001. Prior to this date all codes except 10 found in the accident file.	01 - STATE 02 - COUNTY 03 - TOWN 04 - MUNICIPALITY STREET 05 - PARKWAY 06 - THRUWAY 07 - NORTHWAY 08 - LIMITED ACCESS 09 - UNKNOWN 10 - PARKING LOT, OTHER NON-TRAFFIC 11 - INTERSTATE 12 – CITY STREET 13 - VILLAGE STREET 14 - PRIVATE ROAD 15 - OFF ROAD ?? - INVALID CODE
Num_Of_Fatalities	Numeric			Number of persons killed in the accident.	Integer value 1 THROUGH 999.
Num_Of_Injuries	Numeric			Number of persons injured in the accident.	Integer value 001 THROUGH 999.
REPORTABLE	Character	1		Indicates if accident is fully coded or only partially coded.	Y - Yes the accident is fully coded. N - No only part of the data fields are entered.
POLICE_DEPT	Character	5		Unique code which identifies each police agency.	Valid codes are available from DMV.
INTERSECT_NUM	Character	2		Intersection number assigned to an accident, which distinguishes between multiple intersections at the same reference marker.	Integer value.
MUNI	Character	2		Municipality code.	Valid Municipality codes.
PRECINCT	Character	4		Unique code which identifies a New York City Precinct.	Valid codes are available from DMV.
NUM_OF_VEH	Numeric			Number of vehicles involved in the accident. Equals the number of records that would be in the vehicle data set for the accident.	Integer value.

2

FIELD	TYPE	WIDTH	POSITION	DEFINITION	CODE VALUES
ACCD_TYP	Character	2		Accident type code which describes what a vehicle collided with. Multi vehicle accidents always coded "01". Single vehicle accidents use codes "02" through "40".	01 - COLLISION WITH MOTOR VEHICLE 02 - COLLISION WITH PEDESTRIAN 03 - COLLISION WITH BICYCLIST 04 - COLLISION WITH ANIMAL 05 - COLLISION WITH RAILROAD TRAIN 06 - COLLISION WITH IN-LINE SKATER 07 - COLLISION WITH DEER 08 COLLISION WITH OTHER PEDESTRIAN 10 - COLLISION WITH OTHER 11 - COLLISION. W/LIGHT SUPPORT/UTILITY POLE 12 - COLLISION WITH GUIDE RAIL 13 - COLLISION WITH CRASH CUSHION 14 - COLLISION WITH SIGN POST 15 - COLLISION WITH TREE 16 - COLLISION WITH BUILDING/WALL 17 - COLLISION WITH CURBING 18 - COLLISION WITH FENCE 19 - COLLISION WITH BRIDGE STRUCTURE 20 - COLLISION WITH CULVERT/HEAD WALL 21 - COLLISION WITH MEDIAN/BARRIER 22 - COLLISION WITH SNOW EMBANKMENT 23 - COLLISION. W/EARTH ELEMENT./ROCK CUT/DITCH 24 - COLLISION WITH FIRE HYDRANT 25 - COLLISION WITH GUIDERAIL END 26 - COLLISION WITH MEDIAN BARRIER END 27 - COLLISION WITH OTHER BARRIER 30 - COLLISION WITH OTHER FIXED OBJECT 31 - OVERTURNED 32 - FIRE/EXPLOSION 33 - SUBMERSION 34 - RAN OFF ROAD ONLY 40 - OTHER NON-COLLISION ?? - INVALID CODE XX - NOT ENTERED YY - NOT APPLICABLE ZZ - UNKNOWN
LOCN	Character	1		Location where the first event of the accident occurred.	Y - FIRST EVENT OCCURRED ON ROAD N - FIRST EVENT OCCURRED OFF ROAD ? - INVALID CODE X - NOT REPORTED

Handwritten annotations:

AccD-Type Int
1 Ped
2 bike
3 MVu

exclude = 1 = not reportable
2 = not mappable
0 = include

FIELD	TYPE	WIDTH	POSITION	DEFINITION	CODE VALUES
TRAF_CNTL	Character	2		Traffic control present at the accident location.	01 - NONE 02 - TRAFFIC SIGNAL 03 - STOP SIGN 04 - FLASHING LIGHT 05 - YIELD SIGN 06 - OFFICER/FLAGMAN/GUARD 07 - NO PASSING ZONE 08 - RR CROSSING SIGN 09 - RR CROSSING FLASH LIGHT 10 - RR CROSSING GATES 11 - STOPPED SCHOOL BUS W/RED LIGHT FLASH 12 - HIGHWAY WORK AREA (CONSTRUCTION) 13 - MAINTENANCE WORK AREA 14 - UTILITY WORK AREA 15 - POLICE/FIRE EMERGENCY 16 - SCHOOL ZONE 20 - OTHER ?? - INVALID CODE XX - NOT ENTERED YY - NOT APPLICABLE ZZ - UNKNOWN
LIGHT_COND	Character	1		Light condition at the time of the accident. Data element only found on the police accident report.	1 - DAYLIGHT 2 - DAWN 3 - DUSK 4 - DARK-ROAD LIGHTED 5 - DARK-ROAD UNLIGHTED ? - INVALID CODE X - NOT ENTERED Z - NOT REPORTED
WEATHER	Character	1		Weather condition at the time of the accident.	0 - OTHER 1 - CLEAR 2 - CLOUDY 3 - RAIN 4 - SNOW 5 - SLEET/HAIL/FREEZING RAIN 6 - FOG/SMOG/SMOKE ? - INVALID CODE X - NOT ENTERED Z - NOT REPORTED
ROAD_CHAR	Character	1		Code value which describes the road character at the location of the accident. Based on the police officers observation/interpretation.	1 - STRAIGHT AND LEVEL 2 - STRAIGHT/GRADE 3 - STRAIGHT AT HILLCREST 4 - CURVE AND LEVEL 5 - CURVE AND GRADE 6 - CURVE AND HILLCREST ? - INVALID CODE X - NOT ENTERED Y - NOT APPLICABLE Z - UNKNOWN

FIELD	TYPE	WIDTH	POSITION	DEFINITION	CODE VALUES
ROAD_SURF_CO ND	Character	1		Road surface condition at the time of the accident.	0 - OTHER 1 - DRY 2 - WET 3 - MUDDY 4 - SNOW/ICE 5 - SLUSH 6 - FLOODED WATER ? - INVALID CODE X - NOT ENTERED Y - NOT APPLICABLE Z - UNKNOWN
COLLISION_TYP	Character	2		Type of collision encountered when the accident involves multiple vehicles.	01 - REAR END 02 - OVERTAKING 03 - LEFT TURN (AGAINST OTHER CAR) 04 - RIGHT ANGLE 05 - RIGHT TURN (AGAINST OTHER CAR) 06 - RIGHT TURN (WITH OTHER CAR) 07 - HEAD ON 08 - SIDESWIPE 09 - OTHER 10 - LEFT TURN (WITH OTHER CAR) ?? - INVALID CODE XX - NOT ENTERED YY - NOT APPLICABLE ZZ - UNKNOWN
PED_LOC	Character	1		Code which describes the location of a pedestrian when involved in an accident.	1 - PEDESTRIAN AT INTERSECTION 2 - PEDESTRIAN NOT AT INTERSECTION ? - INVALID CODE X - NOT ENTERED Y - NOT APPLICABLE Z - UNKNOWN
PED_ACTN	Character	2		Describes the pedestrian action prior to being involved in the accident.	01 - CROSSING WITH SIGNAL 02 - CROSSING AGAINST SIGNAL 03 - CROSSING, NO SIGNAL, MARKED CROSSWALK 04 - CROSSING, NO SIGNAL OR CROSSWALK 05 - ALONG HIGHWAY WITH TRAFFIC 06 - ALONG HIGHWAY AGAINST TRAFFIC 07 - EMERGE FROM BEHIND PARKED VEHICLE 08 - CHILD GETTING ON/OFF SCHOOL BUS 09 - GETTING ON/OFF VEHICLE 10 - PUSHING/WORKING ON CAR 11 - WORKING IN ROADWAY 12 - PLAYING IN ROADWAY 13 - OTHER ACTIONS IN ROADWAY 14 - NOT IN ROADWAY ?? - INVALID CODE XX - NOT ENTERED YY - NOT APPLICABLE ZZ - UNKNOWN

00 = invalid code

FIELD	TYPE	WIDTH	POSITION	DEFINITION	CODE VALUES
EXT_OF_INJURIE S	Character	5		Up to five entries per accident, one for each person injured or killed in the accident.	1 - APPARENT DEATH 2 - UNCONSCIOUS 3 - SEMI-CONSCIOUS 4 - INCOHERENT 5 - SHOCK 6 - CONSCIOUS ? - INVALID CODE A - INCAPACITATING INJURY B - NON-INCAPACITATING INJURY C - POSSIBLE INJURY K - KILLED

A= severely injured
K= fatality
B= moderate
C= low

6

FIELD	TYPE	WIDTH	POSITION	DEFINITION	CODE VALUES
REG_CNTY_CDE	Character	2		Region/county code used by SIMS.	01 - NASSAU 02 - SUFFOLK 11 - ALBANY 12 - ESSEX 13 - GREENE 14 - RENSSELAER 15 - SARATOGA 16 - SCHENECTADY 17 - WARREN 18 - WASHINGTON 21 - FULTON 22 - HAMILTON 23 - HERKIMER 24 - MADISON 25 - MONTGOMERY 26 - ONEIDA 31 - CAYUGA 32 - CORTLAND 33 - ONONDAGA 34 - OSWEGO 35 - SENECA 36 - TOMPKINS 41 - GENESSEE 42 - LIVINGSTON 43 - MONROE 44 - ONTARIO 45 - ORLEANS 46 - WYOMING 47 - WAYNE 51 - CATTARAUGUS 52 - CHAUTAUQUA 53 - ERIE 54 - NIAGARA 61 - ALLEGANY 62 - CHEMUNG 63 - SCHUYLER 64 - STEUBEN 66 - YATES 71 - CLINTON 72 - FRANKLIN 73 - JEFFERSON 74 - LEWIS 75 - ST. LAWRENCE 81 - COLUMBIA 82 - DUTCHESS 83 - ORANGE 84 - PUTNAM 85 - ROCKLAND 86 - ULSTER 87 - WESTCHESTER 91 - BROOME 92 - CHENANGO 93 - DELAWARE 94 - OTSEGO 95 - SCHOHARIE 96 – SULLIVAN 97 - TIOGA N1 - BRONX N2 - KINGS N3 - NEW YORK N4 - QUEENS N5 - RICHMOND ZZ - UNKNOWN COUNTY

FIELD	TYPE	WIDTH	POSITION	DEFINITION	CODE VALUES
LOW_NODE	Character	5		The lowest numeric NODE identifying a point along a segment of highway in the highway network which can be used as a single point or combined with a HIGH_NODE to indicate a segment of highway known as a LINK.	Four or five digit integer value.
HIGH_NODE	Character	5		The highest numeric NODE identifying at one end of a segment of highway in the highway network known as a LINK. The LOW_NODE identifies the beginning of the LINK.	Four or five digit integer.
ACCD_TIME	Date/Time			Time of the accident in military hours and minutes.	Example - 22:12 . There is no value if time is unknown or was not entered.
RPT_AGCY	Character			Name of the police agency who submitted the accident report.	No code values just the police agency name.
DMV_ACCD_CLS F	Character	1		Classification assigned to an accident by the Department of Motor Vehicles.	1 - FATAL ACCIDENT 2 - INJURY ACCIDENT 3 - PROPERTY DAMAGE & INJURY 4 - PROPERTY DAMAGE 5 - NON-REPORTABLE 6 - NON-AUTO 7 - NON-MOTOR VEHICLE X - NOT ENTERED
ERR_CDE	Character	3		Code assigned to indicate if the location data (reference marker, intersection number, low node, or high node) are valid.	000 - NO ERROR EXISTS 001 - INVALID REFERENCE MARKER 002 - RM INVALID ON ACCIDENT DATE 003 - INVALID RM/INTERSECTION NUMBER 004 - INTERSECTION INVALID ON DATE 005 - DATA INTEGRITY ERROR ON LOCATION 007-VALID LOCATION, ACCD CASE PRESENT 008-INVALID LOCATION, ACCD CASE PRESENT 009 - ACCIDENT SHOULD BE CODED TO RM 010 - INVALID LOCATION LOCAL ACCIDENT 011 - ACCIDENT WITHOUT LOCATION DATA
COMM_VEH_ACC _IND	Character	1		Indicator if an accident meets Truck/Bus commercial vehicle reporting requirements.	1 - NOT A COMM VEHICLE ACCIDENT 2 - COMM VEHICLE ACCIDENT AWAITING SELECTION FOR REPORTING. 3 - COMM VEHICLE ACCIDENT ALREADY SELECTED FOR REPORTING. A - LEGACY ACCIDENT PRIOR TO SEPTEMBER 1, 2001 .
Highway_Ind	Character	1		Indicates if accident is a non-highway accident	Y - Non-Highway accident N - Highway Accident
Intersection_Ind	Character	1		Indicates if the accident occurred at an intersection.	Y - Yes accident occurred at intersection N - No, accident didn't occur at an intersection
UTM_Northing	Number			Universal Transverse Mercator (Y - Coordinate)	Values valid within New York State
UTM_Eastering	Number			Universal Transverse Mercator (X - Coordinate)	Values valid within New York State

FIELD	TYPE	WIDTH	POSITION	DEFINITION	CODE VALUES
Geo_segment_Id	Number			Unique segment Id from NYS Data Product.	Numeric value of segment to which the accident record has been located.
Geo_Node_Id	Number			Unique node Id from NYS Data Product.	Numeric value assigned to a highway intersection for the closest intersection to the accident location.
Geo_Node_Distance	Number			Distance in meters from the accident location to the nearest highway intersection.	Numeric value in meters.
Geo_Node_Direction	Character	1		Direction from the accident location to the nearest highway intersection (NYS Data Product node number).	1 - North 2 - Northeast 3 - East 4 - Southeast 5 - South 6 - Southwest 7 - West 8 - Northwest

VEHICLE DATA FILE STRUCTURE AND CODE VALUES:

The vehicle data sets contain information about the type of vehicle and vehicle actions involved in an accident. The vehicle data set can be linked with the accident (event) data set using the "case_yr" and "case_num" data fields. The relation ship can involve from zero (none) to many vehicle records relating to a single accident (event) record. *nysdot_vehicle*

The vehicle data file structure, field definitions, and code values are as follows:

FIELD	TYPE	WIDTH	POSITION	DEFINITION	CODE VALUES
CASE_NUM	Character	9		Case number assigned by DMV.	Integer values.
CASE_YR	Number			Year of accident	Integer values.
VEH_SEQ_NUM	Numeric	3		Number for each vehicle involved in the accident.	Integer value.

REGS_TYP **SEE NEXT PAGE FOR ADDITIONAL VALUES.**	Character	2		Registration type of vehicle involved in the accident assigned by DMV.	01 - VAN POOL
					02 - WORLD UNIVERSITY GAMES
					03 - JEWISH WAR VETERANS
					04 - MARINE CORP LEAGUE
					05 - COUNTY LEGISLATORS
					06 - COUNTY BOARD OF SUPERVISORS
					07 - PURPLE HEART
					08 - EDUCATOR
					09 - FOREIGN CONSUL. DIPLOMAT
					10 - LOCOMOTIVE
					11 - SPECIAL PASSENGER
					12 - SPECIAL PASSENGER (JUDGES/OFFICIALS)
					13 - GOVERNOR'S SECOND CAR
					14 - NEW YORK SENATE
					15 - NEW YORK ASSEMBLY
					16 - PASSENGER OR SUBURBAN (REGULAR)
					17 - U.S. CONGRESS
					18 - U.S. SENATE
					19 - SCHOOL CAR
					20 - HEARSE COACH (REGULAR OR INVALID)
					21 - HISTORICAL
					22 - SPECIAL REGISTRATION HEARSE
					23 - HISTORICAL MOTORCYCLES
					24 - LIMITED USE AUTOMOBILE
					25 - COURT OF APPEALS
					26 - SPECIAL PURPOSE COMMERCIAL
					27 - NEW YORK COUNCIL
					28 - SUPREME COURT (ADJ)
					29 - MEDICAL DOCTOR
					30 - COURT OF CLAIMS
					31 - GOVERNOR'S ADDITIONAL CAR
					32 - CONGRESSIONAL MEDAL OF HONOR
					33 - SUPREME COURT JUSTICE
					34 - COUNTY CLERK
					35 - ALL TERRAIN VEHICLE
					36 - MOTORCYCLE
					37 - LIMITED USE MOTORCYCLE - TYPE A
					38 - LIMITED USE MOTORCYCLE - TYPE B
					39 - LIMITED USE MOTORCYCLE - TYPE C
					40 - AIR NATIONAL GUARD
					41 - ARMY NATIONAL GUARD
					42 - NAVAL MILITIA
					43 - STATE NATIONAL GUARD
					44 - FORMER PRISONER OF WAR
					45 - HAM OPERATOR
					46 - FARM
					47 - BIRTHPLACE OF BASEBALL
					48 - VOLUNTEER AMBULANCE SERVICES
					49 - SURVIVORS OF THE SHIELD
					50 - OUT OF STATE OMNIBUS
					51 - AMBULANCE
					52 - (SPECIAL) OMNIBUS
					53 - (PUBLIC SERVICE) OMNIBUS
					54 - (TAXI) OMNIBUS
					55 - (LIVERY) OMNIBUS

| REGS_TYP (CONTINUED) | Character | 2 | | Registration type of vehicle involved in the accident assigned by DMV. | 56 - (REGULAR) OMNIBUS
57 - (VANITY) OMNIBUS
58 - PEARL HARBOR SURVIVORS
59 - GOLD STAR MOTHERS
60 - CORONER/MEDICAL EXAMINERS
61 - IN TRANSIT PERMITS
62 - DEALER
64 - MOTORCYCLE DEALER
65 - ALL TERRAIN DEALER
66 - TRANSPORTER
67 - REGIONAL
68 - SPORTS
69 - ORGANIZATIONAL
70 - INTERNATIONAL REGISTRATION PLAN
71 - HAM OPERATOR COMMERCIAL
72 - AGRICULTURAL TRUCK
73 - REGIONAL COMMERCIAL
74 - COMMERCIAL SPORTS
75 - ORGANIZATIONAL COMMERCIAL
76 - (REGULAR) COMMERCIAL
77 - STATE AGENCIES
78 - (HOUSEHOLD CARRIER) COMMERCIAL
79 - AGRICULTURE COMMERCIAL
80 - TOW TRUCK
81 - (REGULAR) TRACTOR
82 - (HOUSEHOLD CARRIER) TRACTOR
83 - HOG PLATES
84 - LIGHT TRAILER
85 - COMMERCIAL SEMI-TRAILER
86 - (REGULAR) TRAILER
87 - HOUSE OR COACH TRAILER
88 - POLITICAL SUBDIVISION(MUNI/THRUWAY)
90 - MOTORBOATS
93 - SNOWMOBILES
?? - INVALID
XX - NOT ENTERED
YY – NOT APPLICABLE
ZZ - UNKNOWN |

BODY_TYP	Character	2		Body type of vehicle involved in the accident assigned by DMV.	01 - LIMITED USE VEHICLE-SEDAN
SEE NEXT PAGE FOR ADDITIONAL CODES.					02 - LIMITED USE MOTORCYCLE - A
					03 - LIMITED USE MOTORCYCLE - B
					04 - LIMITED USE MOTORCYCLE - A, B, OR C
					05 - MOTORIZED BICYCLE
					06 - LIMITED USE MCY A, B, OR C OR M-BICYCLE
					07 - LIMITED USE MOTORCYCLE - C
					09 - POLICE
					09 - FIRE
					10 - CONVERTIBLE
					11 - SEDAN
					12 - SUBURBAN
					13 - 4 DOOR SEDAN
					14 - 2 DOOR SEDAN
					15 - HOUSE ON WHEELS
					18 - ALL TERRAIN VEHICLE
					19 - MOTORCYCLE
					20 - HEARSE - INVALID COMB.
					21 - LOCOMOTIVE
					22 - CUSTOM
					23 - REPLICA
					30 - UNKNOWN TRUCK
					31 - UNKNOWN PASSENGER
					32 - MINIBIKE
					33 - SNOWMOBILE
					34 - OTHER OFF-HIGHWAY VEHICLE
					35 - BICYCLIST
					36 - PEDESTRIAN
					37 - OTHER (PERSON)
					38 - MISC. FARM VEHICLE
					39 - AMBULANCE
					41 - POWER SHOVEL
					42 - ROAD BUILDING MACHINE
					43 - ROAD ROLLER
					44 - ROAD SWEEPERS
					45 - SAND SPREADER
					46 - SNOW PLOW
					47 - SNOW TRAVELER
					48 - SNOWMOBILE
					49 - TRACTION ENGINE
					50 - TRACTOR CRANE
					51 - TRUCK CRANE
					52 - SMALL WHEEL TRUCK
					53 - WELL DRILLER
					54 - WELL SERVICING RIG
					55 - FEED PROCESSING MACHINE
					56 - MOBILE CAR CRUSHER
					57 - EARTH MOVER
					58 - TRACTOR
					59 - UNKNOWN
					60 - DELIVERY TRUCK
					61 - DUMP TRUCK
					62 - FLAT BED TRUCK
					63 - PICK-UP TRUCK
					64 - STAKE TRUCK
					65 - TANK TRUCK
					66 - REFRIGERATED TRUCK
					67 - TOW TRUCK
					68 - VAN TRUCK
					70 - UTILITY TRUCK

BODY_TYP (CONTINUED).	Character	1		Body type of vehicle involved in the accident assigned by DMV.	71 - POLE TRAILER 80 - BOAT TRAILER 81 - HOUSE TRAILER 82 - REFRIGERATED 83 - SEMI-TRAILER OR MISC 84 - TANK 85 - TRAILER 86 - UTILITY 87 - LIGHT TRAILER 90 -BUS (OMNIBUS) 91 - IMOUSINE (OMNIBUS) 92 - HEARSE (AMBULANCE) 93 - TAXI 94 - DISABLE COMMERCIAL 94 - DISABLE COMMERCIAL 95 - CEMENT MIXER 96 - MOPED ?? - INVALID
VEH_TYP	Character	1		Vehicle type is determined by grouping selected registration and body types together. Note: the category truck is intended to include only large trucks and excludes pickups and vans.	0 - OTHER 1 - MOTORCYCLE 2 - CAR/VAN/PICKUP 3 - TRUCK 4 - BUS 5 - BICYCLE 6 - PEDESTRIAN
PRE_ACCD_ACT N	Character	2		Pre accident action describing the motions of a vehicle prior to the occurrence of the accident.	01 - GOING STRAIGHT AHEAD 02 - MAKING RIGHT TURN 03 - MAKING LEFT TURN 04 - MAKING U TURN 05 - STARTING FROM PARKING 06 - STARTING IN TRAFFIC 07 - SLOWED OR STQPPING 08 - STOPPED IN TRAFFIC 09 - ENTERING PARKED POSITION 10 - PARKED 11 - AVOIDING OBJECT IN ROADWAY 12 - CHANGING LANES 13 - OVERTAKING 14 - MERGING 15 - BACKING 16 - MAKING RIGHT TURN ON RED 17 - MAKING LEFT TURN ON RED 18 - POLICE PURSUIT 20 - OTHER ?? - INVALID CODE XX - NOT ENTERED YY - NOT APPLICABLE ZZ - UNKNOWN
SECOND_EVEN T	Character	2		Second event describes any secondary collisions or events that may happen to a vehicle after the initial first event. Uses the same codes as accident type category.	See code values for accident type.

VEH_DIRN_OF_TRAV	Character	1		Direction the vehicle was traveling prior to accident.	1 - NORTH 2 - NORTH-EAST 3 - EAST 4 - SOUTH-EAST 5 - SOUTH 6 - SOUTH-WEST 7 - WEST 8 - NORTH-WEST ? - INVALID CODE X - NOT ENTERED Y - NOT APPLICABLE Z - UNKNOWN
HAZ_CARGO_IND	Character	1		Hazard category Indicates whether or not a vehicle was carrying hazardous cargo	0 or N - NO 1 or Y- YES ? - INVALID CODE Z - NOT REPORTED/UNKNOWN
TCK_BUS_CLSF	Character	2		Truck bus classification for vehicles involved in the accident.	A - TRANSIT BUS B - OVER-THE-ROAD COACH C1 - 2 AX SINGLE UNIT BOX C2 - 2 AX SINGLE UNIT TANK C3 - 2 AX SINGLE UNIT PLATFORM D1 - 3 AX SINGLE UNIT BOX D2 - 3 AX SINGLE UNIT TANK D3 - 3 AX SINGLE UNIT PLATFORM E1 - 4 AX SINGLE UNIT BOX E2 - 4 AX SINGLE UNIT TANK E3 - 4 AX SINGLE UNIT PLATFORM F1 - 1 AX TRAILER, 2 AX TRACTOR BOX F2 - 1 AX TRAILER, 2 AX TRACTOR TANK F3 - 1 AX TRAILER, 2 AX TRACTOR PLATFORM G1 - 2 AX TRAILER, 2 AX TRACTOR BOX G2 - 2 AX TRAILER, 2 AX TRACTOR TANK G3 - 2 AX TRAILER, 2 AX TRACTOR PLATFORM H1 - 3 AX TRAILER, 2 AX TRACTOR BOX H2 - 3 AX TRAILER, 2 AX TRACTOR TANK H3 - 3 AX TRAILER, 2 AX TRACTOR PLATFORM I1 - 2 AX TRAILER, 3 AX TRACTOR BOX J1 - 3 AX TRAILER, 3 AX TRACTOR BOX J2 - 3 AX TRAILER, 3 AX TRACTOR TANK J3 - 3 AX TRAILER, 3 AX TRACTOR PLATFORM K1 - 2 AX TRAILER, 3 AX TRUCK BOX K2 - 2 AX TRAILER, 3 AX TRUCK TANK K3 - 2 AX TRAILER, 3 AX TRUCK PLATFORM L1 - SEMITRAILER, TRACTOR 5 AX DBL BOX L2 - SEMITRAILER, TRACTOR 5 AX DBL TANK L3 - SEMITRAILER, TRACTOR 5 AX DBL PLATF M1 - OTHER COMBINATIONS BOX M2 - OTHER COMBINATIONS TANK M3 - OTHER COMBINATIONS PLATFORM ?? - INVALID CODE XX - NOT ENTERED YY - NOT APPLICABLE ZZ - UNKNOWN
PBL_PRPT_IND	Character	1		Public property damage identifies whether the vehicle caused damage to public property.	Y - Yes N - No

COMM_VEH_IN D	Character	1		Indicator if the vehicle meets the Truck/Bus reporting requirements.	Y - Yes N - No
AGE	Numeric			Age of the driver of the motor vehicle, pedestrian, or bicyclist.	Integer values, with a space indication not known or entered.
SEX	Character	1		The sex of the driver, pedestrian or bicyclist.	F - Female M - Male Space - Indicating unknown or not entered.
OCCUPANT_NU M	Numeric			Number of persons including the driver in or on the motor vehicle.	Integer value, with a value of spaces or "0" indicating unknown or not entered.
RGST_WGT	Numeric			The registered weight in pounds of the mother vehicle.	Integer value or spaces if not known.
CIT_IND	Character	1		Indicator which tells if a ticket was issued to the driver.	Y - Yes N - No
DRVR_LIC_ST	Character	2		Two digit state abbreviation where the driver is licensed.	Two digit postal abbreviations.
VEH_LIC_ST	Character	2		Two digit state abbreviation where the vehicle is registered.	Two digit postal abbreviations.
TOW_IND	Character	1		Indicator which tells if the vehicle was towed from the scene of the accident to another location.	Y - Yes N - No

APPARENT CONTRIBUTING FACTOR DATA FILE STRUCTURE AND CODE VALUES:

The apparent contributing factor data sets contain information about the factors which possibly led to the accident. There are two factors related to each vehicle record and can be linked with a vehicle record by using the "case_yr", "case_num", and "veh_seq_num" data fields. There is a two to one relationship. Since there are two apparent contributing factors per vehicle they are distinguished by the apparent factor sequence number "aprnt_seq_num".

The apparent contributing factor data file structure, field definitions, and code values are as follows:

FIELD	TYPE	WIDTH	POSITION	DEFINITION	CODE VALUES
CASE_NUM	Character	9		Case number assigned by DMV.	Integer values.
CASE_YR	Numeric			Year of accident	Integer values.
VEH_SEQ_NUM	Numeric			Number for each vehicle involved in the accident.	Integer value.
APRNT_SEQ_NU M	Numeric			Number associated apparent factor record.	Integer value.

15

FIELD	TYPE	WIDTH	POSITION	DEFINITION	CODE VALUES

APRNT_FCTR	Character	2		Apparent factor associated with vehicle.	NONE
					01 - NONE
					02 - ALCOHOL INVOLVEMENT
					03 - BACKING UNSAFELY
					04 - DRIVER INATTENTION
					05 - DRIVER INEXPERIENCE
					06 - DRUGS (ILLEGAL)
					07 - FAILURE TO YIELD RIGHT OF WAY
					08 - FELL ASLEEP
					09 - FOLLOWING TOO CLOSELY
					10 - ILLNESS
					11 - LOST CONSCIOUSNESS
					12 - PASSENGER DISTRACTION
					13 - PASSING OR LANE USAGE IMPROPERLY
					14 - PEDESTRIAN'S ERROR/CONFUSION
					15 - PHYSICAL DISABILITY
					16 - PRESCRIPTION MEDICATION
					17 - TRAFFIC CONTROL DEVICES
					    DISREGARDED
					18 - TURNING IMPROPER
					19 - UNSAFE SPEED
					20 - UNSAFE LANE CHANGING
					21 - FATIGUE/DROWSY
					22 - CELL PHONE (HAND HELD)
					23 - CELL PHONE (HANDS FREE)
					24 - OTHER ELECTRONIC DEVICE
					25 - OUTSIDE CAR DISTRACTION
					26 - REACTION TO OTHER UNINVOLVED VEHICLE
					27 - FAILURE TO KEEP RIGHT
					28 - AGGRESSIVE DRIVING/ROAD RAGE
					29 – PASSING TOO CLOSELY
					30 – VEHICLE VANDALISM
					31 – TEXTING
					32 – USING ON BOARD NAVIGATION SYSTEM
					33 – EATING OR DRINKING
					34 – LISTENING/USING HEADPHONES
					40 - OTHER (HUMAN)
					41 - ACCELERATOR DEFECTIVE
					42 - BRAKES DEFECTIVE
					43 - HEADLIGHTS DEFECTIVE
					44 - OTHER LIGHTING DEFECTS
					45 - OVERSIZED VEHICLE
					46 - STEERING FAILURE
					47 - TIRE FAILURE/INADEQUATE
					48 - TOW HITCH DEFECTIVE
					49 - WINDSHIELD INADEQUATE
					50 - DRIVERLESS/RUNAWAY VEHICLE
					51 – TINTED WINDOWS
					60 - OTHER (VEHICLE)
					61 - ANIMAL'S ACTION
					62 - GLARE
					63 - LANE MARKING IMPROPER/INADEQUATE
					64 - OBSTRUCTION/DEBRIS
					65 - PAVEMENT DEFECTIVE
					66 - PAVEMENT SLIPPERY
					67 - SHOULDERS DEFECTIVE/IMPROPER
					68 - TRAFFIC CONTROL DEVICE
					    IMPROPER/NON-WORKING
					69 - VIEW OBSTRUCTED/LIMITED
					80 - OTHER (ENVIRONMENTAL)
					?? - INVALID CODE
					XX - NOT ENTERED
					YY - NOT APPLICABLE
					ZZ - UNKNOWN