

New Jersey Crash

Data Exchange Specifications

Version 2.1

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Overview

Introduction

We are sending this specification to you because one or more of your customers have expressed interest in electronically submitting crash reports to the NJDOT NJ Crash repository. By electronically submitting, your customers can eliminate time and postage required to deliver these to the state and can decrease the number of days it currently takes to process crash data as the NJ Crash process offers near real time data import capabilities.

This document details the information needed from your system to meet the requirements for the NJ Crash data exchange and provides an overview of the data elements used in the NJ Crash data exchange service.

While reading this document it is important to note that due to the dynamic nature of crash reports, all elements may not be applicable to a situation. All data elements on the completed crash report must be present in the data. Because this is only a data definition document, it is important before starting your data extraction to contact the NJ Crash Team so that we can work with you on the process.

The information types listed below are typically what we try to obtain from a given system. Each area is discussed further in detail below.

Text data – crash, vehicle, owner, passenger, pedestrian, pedal-cyclist
and property damage information

Image data – diagrams of scene

RMS Updates

Whenever revision of the crash reporting module of the vendors' system undergoes changes, you are required by to notify the NJDOT and LexisNexis. This is especially true for schema changes that may affect the ability to retrieve data from the vendors' system. This will allow us to work with you during the development cycle so that the customer's ability to send report to the NJDOT is not disrupted.

Data Types

Text Data

All text data relating to the crash is required in the transmission. This includes, but is not limited to, supplements and corrected reports.

Report Diagram Formats

Report diagrams must be in jpg file format and cannot exceed a max size of 1920x1080 with max 1080DPI. All image data must be binary base 64 encoded in the XML file.

Report Image Format

Report images must be in PDF file format. All image data must be binary base 64 encoded in the XML file.

Data Collection Methods

Data Transfer

LexisNexis will work with the technical contact at the site to determine the best method for transferring data from the customers' system to NJ Crash. The transfer method used will depend on several factors which include:

- The RMS system
- Is database access available?
- Is real time data polling acceptable for the customer's environment?

Data Access Methods

NJ Crash will access data through the use of a XML file containing the elements outline below in the data layout section.

Method of Data Transfer

The customer's site will connect to a standard web api to transfer the XML crash file to the NJ Crash repository.

The customer will transfer XML data files daily in a secure site.

Service

The web services for data transmission are available at:

Test: <https://uat.njcrashrecords.org/api/externalservice/>
Production: <https://njcrashrecords.org/api/externalservice/>

Methods for the service include:

Method	Parameters	Returns	Description
Login	username, password	LoginResponse	Call for logging into the web service. Returned result will be used in all following calls. Tokens are only valid for 60min. Username/Password should be sent in request body. Ex: {"username":"#####", "password":"#####"}
Submit	Token, Content	SubmissionResponse	Used to send XML file into the service. Token is the LoginResponse of most recent Login call, passed as bearer token in request. Content the xml data formatted as described below, passed as body of request.
Validate	Token, Content	ValidationResponse	Used to send XML file into the service. Token is the LoginResponse of most recent Login call, passed as

			bearer token in request. Content the xml data formatted as described below, passed as body of request.
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A username and password can be obtained by either calling the NJ Crash helpdesk or contacting your data exchange contact.

Response Definitions

LoginResponse: Response containing token for future webservice interactions. If login failed/invalid token will be empty and error value will be returned. Tokens only remain valid for 60 minutes after login.

{Token: text value, Error text value}

SubmissionResponse: Response containing return message, confirmation id, list of errors associated with submission.

Note: if critical errors have been returned submission to data exchange has failed.

{Message: text value, ConfirmationId: text value, ErrorList: SubmissionResponseError array}

ValidationResponse: Response containing return message, validation status, list of errors associated with validation.

Note: if critical errors have been returned validation has failed.

{Message: text value, PassedValidation: boolean value, ErrorList: SubmissionResponseError array}

SubmissionResponseError: Error associated with submission, may consist of either system or data validation errors. Consists of error description and Boolean indicating error is critical or informational.

{Description: text value, Critical: boolean}

Recommended Processing Cycle

To send reports in, the following cycle of events is recommended

1	Login	Logging in will create your valid token for all future calls.
2	Submit	Send in each file that you want to submit.

Supplementing/Correcting

Updating of previously submitted information will occur if the same submitting user, case number, and date of crash are found in the NJ Crash system for a previous record. Change report indicator within XML must also be flagged in order for supplementing to occur.

The transmission of a supplemental and/or corrected report must include the entire report with all related data fields included. This would include all crash related data, even if unchanged to ensure the completeness of the crash record.

Validation

Upon submission, a record is ran through a series of validation checks to ensure record accuracy and completeness. Validation rule severity will determine if the record is successfully ingested into the NJ Crash database.

Critical Error: Critical errors indicate the minimum required fields for a crash report to be successfully processed. Records that fail a critical validation check will not be ingested into the NJ Crash database.

Informational Error: Informational checks are ran for data integrity purposes. If a record fails an informational check, it indicates that the record potentially has conflicting or missing information in it. Records with informational errors will still be successfully ingested into the NJ Crash database however will be recorded for data quality purposes. It is important to note that an informational error can be redesignated as a critical error in the future at the discretion of the NJDOT.

NJTR Field Number	Field Name	Criticality Level	Validation
1	Case Number	Critical	Case Number is Required
4	Date of Crash	Critical	Date of Crash is Required
4	Date of Crash	Critical	Date of Crash cannot be greater than the current date
4	Vehicle Year	Critical	Year cannot be more than 1 above the current year
0	Number of Vehicles	Critical	At least 1 vehicle must be specified
2	Police Dept. Of	Critical	Police Dept. Of is Missing
2	Police Dept. Of Code	Informational	Police Dept. Code is not valid
6	Time	Critical	Time of Crash is Missing
6	Time	Critical	If Date of Crash is Today, Time cannot be greater than current Time
7	Municipality Code	Critical	Municipality is Missing
7	Municipality Code	Critical	Must be a valid municipality code for the agency coded
8	Total Killed	Critical	Total Killed does not match the total number of persons with Victim's Physical Condition marked as Killed
9	Total Injured	Critical	Total Injured does not match the total number of persons with Victim's Physical Condition marked as Injured
10	Road Name	Critical	Crash occurred on Roadway Name is missing

10	Direction	Critical	Road Direction required
11	Roadway Speed Limit	Informational	Speed Limit is missing
12	Route No.	Informational	If Road System Code = 'Interstate' or 'State Highway', then Route No. is Required
13	Milepost	Critical	Milepost is required
13	Milepost Direction	Critical	Roadway direction is missing
17	Cross Road Name/Route No.	Critical	If Cross Road Speed Limit is not blank/empty, Cross Road Name/Route No. is Required
17	Cross Road Name/Route No.	Critical	If Crash did not occur on a Ramp, Cross Road Name/Route No. is Required
17	Cross Road Name/Route No.	Critical	DO NOT code Cross Road Name/Route No. if crash occurred on a Ramp.
18	Intersecting Street Name	Informational	Intersecting street speed limit or distance from intersection provided but no intersecting street name provided.
19	Ramp Direction	Informational	Only code ramp direction if crash occurred on a Ramp
19	Ramp Indicator	Informational	Only code ramp indicator if crash occurred on a Ramp
19	Ramp Type	Critical	Ramp Type is required
19	Ramp Indicator	Critical	Ramp Indicator is required
20	Route Name/Route No.	Critical	If Ramp Direction is coded, then Route Name/Route No. is Required
20	Ramp Roadway	Critical	Ramp Indicator or ramp direction provided but no ramp roadway provided
21	Latitude	Critical	Latitude is not valid for the state of New Jersey
21	Latitude	Critical	Latitude is Required
21	Latitude	Critical	Latitude must be in decimal degrees (99.99999999 format).
22	Longitude	Critical	Longitude must be in decimal degrees (-99.99999999 format).
22	Longitude	Critical	Longitude is not valid for the state of New Jersey
22	Longitude	Critical	Longitude is Required

21, 22	Lat/Long	Informational	Reverse geolocated lat/long are not within NJ state limits.
21, 22	Lat/Long/CountyCode	Informational	Reverse geolocated county does not match provided county code.
21, 22	Lat/long/Roadway SRI	Informational	Reverse geo-located RoadWay Sri does not match provided RoadWay Sri
21, 22	Lat/Long/Mile Post SRI	Informational	Reverse geo-located Mile Post Sri does not match provided Mile Post Sri
21, 22, 7	Lat/Long/MunicipalityCode	Informational	Reverse geolocated municipality does not match municipality provided.
24, 54	Policy No.	Critical	Policy No. is Missing
25, 55	NJ Ins. Code	Critical	NJ Ins. Code is Missing
26, 56	Driver's Last Name	Critical	Driver information must be blank if Pre-Crash Action is 'Parked', or 'Driverless/Moving'
26, 56	Driver's Last Name	Critical	If Vehicle/Pedalcyclist Action is not 'Driverless/Moving', or 'Parked', Driver is Required
28, 58	State	Informational	Driver Address State is Required
28, 58	State	Informational	If Vehicle/Pedalcyclist Action is not Driverless/Moving, Driver's License State is Required
29, 59, 88	Sex	Critical	Sex is Required
30, 60	Driver's License Eye Color	Informational	Person's eye color must match the eye color code indicated on Driver's License. Valid Values Black – 1 Brown – 2 Gray – 3 Blue – 4 Hazel – 5 Green – 6 Other/Special Code – 7, 8,9
32, 62	Driver's License Number	Informational	Driver's License number is missing
32, 62	Driver's License Number	Informational	The first character of Driver's License Code must match the first character of Driver's last name.
32, 62	Driver's License Number	Informational	If Vehicle/Pedalcyclist Action is not Driverless/Moving, Driver's License Number is Required
33, 63	Driver's License Birth Year	Informational	The 13th and 14th character of the Driver's License Code, must match the birth year of the Driver.
33, 63	D.O.B	Critical	D.O.B cannot be greater than Date of Crash

33, 63	D.O.B	Critical	D.O.B cannot be older than 01/01/1900
33, 63	D.O.B	Critical	If Vehicle/Pedalcyclist Action is not Driverless/Moving, D.O.B is Required
33, 63	D.O.B	Critical	D.O.B is Required
34, 64	Expires	Informational	If Vehicle/Pedalcyclist Action is not Driverless/Moving, Driver's License Expire Date is Required
35, 65	Owner's Last Name	Critical	Owner's Last Name is Missing
38, 68	Make	Critical	Make is Required (if unit is not flagged as Hit and Run)
39, 69	Model	Critical	Model is Required (if unit is not flagged as Hit and Run)
40, 70	Color	Informational	Vehicle Color is missing
42, 72	Plate No.	Informational	Vehicle Plate No. is missing
44, 74	VIN	Critical	Not a valid format for the VIN (Valid VIN is 15-17 Characters)
44, 74	VIN	Critical	The same VIN cannot be used for multiple vehicles
44, 74	VIN	Informational	VIN is empty
48, 78	Alcohol and Drug Test	Informational	Alcohol and Drug Test is missing
48, 78	Results	Informational	If Alcohol Drug Test Given Type is not No, or Refused, Alcohol Drug Test Result is Required
48, 78	Alcohol Drug Test Given Type	Critical	If Alcohol Drug Test is Given, then Type is Required
48, 78	Alcohol Drug Test Given Type	Informational	If Apparent Physical Status is 'Alcohol Use', 'Drug Use', or 'Alcohol and Drug Medication Use', then Alcohol Drug Test given Type cannot be 'No'
49, 79	Hazardous Material	Critical	Hazmat Status is Missing
49, 79	Hazard Class	Critical	If Hazardous Material is not None, Hazard Class is Required
49, 79	Placard No.	Informational	If Hazardous Material is not None, Placard No. is Required
49, 79	Placard No.	Informational	Placard No. format is not valid
50, 80	Carrier No.	Critical	If Vehicle is marked as Commercial, Carrier No. is Required

51, 81	GVWR/GCWR	Critical	If Vehicle is marked as Commercial, GVWR/GCWR (Gross Vehicle Weight Rating). is Required
52, 82	Motor Carrier or Government Entity	Critical	If Vehicle is marked as Commercial, Motor Carrier or Government Entity is Required
84	Position In/On Vehicle	Informational	Position is not valid for Person type: Driver (must be front left)
84	Position In/On Vehicle	Informational	Position is not valid for Person type: Passenger (cannot be Driver)
84	Position In/On Vehicle	Informational	Position In/On Vehicle is Missing
85	Ejection From Vehicle	Critical	Ejection from Vehicle is Missing
86	Victim's Physical Condition	Critical	If Date of Death is not null, Victim's Physical Condition must be 'Killed'
86	Victim's Physical Condition	Critical	Victims Physical Condition is missing
87	Age	Informational	Age is missing
90	Type of Most Severe Physical Injury	Critical	If Victim's Physical Condition is not No Apparent Injury, Type of Most Severe Physical Injury is Required
91	Refused Medical Treatment	Critical	If Victim's Physical Condition is not No Apparent Injury, Refused Medical Treatment is Required
92	Safety Equipment Available	Informational	If Airbag Deployment = 'Front', 'Side', 'Other', or 'Multiple', then Safety Equipment Available must be 'Airbag', or 'Airbag & Seatbelts', 'Unknown', or 'Other'
92	Safety Equipment Available	Informational	Safety Equipment Available is Missing
93	Safety Equipment	Informational	If Safety Equipment Available (Block 92) is 01, 02, 03 or 04 then Safety Equipment Used (block 93) cannot be 10 or 11
94	Airbag Deployed	Informational	If Safety Equipment Used (block 93) is 10 or 11 then Airbag Deployed (block 94) can't be blank or dashed
97	Temporary Traffic Control Zone	Critical	Temporary Traffic Control Zone is Missing
98	Light Condition	Critical	Light Condition is Missing
99	Road System	Informational	Road System is Missing
100a	Road Character - Horizontal Alignment	Critical	Road Character - Horizontal Alignment cannot be Straight if Vehicle/Pedalcyclist Action is Negotiating a Curve
100b	Road Character - Grade	Critical	Road Character - Grade cannot be Level if Event is Downhill/Runaway
101	Road Surface Type	Critical	Road Surface Type is Missing

102	Road Surface Condition	Critical	Road Surface Condition is Missing
103	Environmental Condition	Critical	Environmental Condition is Missing
103	Environmental Condition	Critical	If block 102 is 01 dry, block 103 cannot be 02 rain
104	Total Number of Motor Vehicles Involved in Crash	Critical	Total Number of Motor Vehicles Involved in Crash must equal the number of non-Null Vehicle records entered
105	Crash Type	Critical	Crash Type is Missing
105	Crash Type	Critical	If Apparent Contributing Circumstances for both vehicles 1 & 2 = 'Backing Unsafely', Crash Type must be 'Backing'
105	Crash Type	Critical	If First Harmful Event = 'MV in Transport', or 'MV in Transport, Other Roadway', or 'Parked MV', then Crash Type must be a value between 01-09
105	Crash Type	Critical	If First Harmful Event != 'MV in Transport', or 'MV in Transport, Other Roadway', or 'Parked MV', then Crash Type must be a value between 10-16
105	Crash Type	Critical	When entering a one vehicle crash, Block 105, Crash Type, cannot be options 1-9 because they are crash types that involve two vehicles.
108, 109	Vehicle Type	Critical	Vehicle Type is missing
108, 109	Vehicle Type	Informational	If Oversize/Overweight Permit for a vehicle = 'Yes', Vehicle Type (if coded) for that vehicle must be one of the following: 'Single Unit Truck (2 axle)', 'Single Unit Truck (3+ axle)', 'Truck 2 axle w/Trailer', 'Truck 3+ axle w/Trailer', 'Truck/Tractor (Bobtail)', 'Tractor Semi-Trailer', 'Tractor Double', 'Tractor Triple', 'Other Truck'
110, 111	Vehicle Use	Informational	Vehicle Use is Missing
112, 113	Special Function Vehicles	Informational	Special Function Vehicle is Missing
114, 115	Cargo Body Type	Informational	If Special Function Vehicle = 'School Bus', 'Transit Bus' or 'Other Bus', then Cargo Body Type for that Vehicle must be 'Bus (9-15 seats)' or 'Bus (>15 seats)'
114, 115	Cargo Body Type	Informational	If Vehicle Type for a vehicle = 'Bus/Large Van', Cargo Body Type (if coded) for that vehicle must be 'Bus (9-15 Seats)' or 'Bus (>15 Seats)'
116, 117	Direction of Travel of Vehicle	Informational	If Crash Type = 'Right Angle' and Direction of Travel for Veh.1 = 'East' or 'West', Direction of Travel for Veh. 2 should* be 'North' or 'South'
116, 117	Direction of Travel of Vehicle	Informational	If Crash Type = 'Right Angle' and Direction of Travel for Veh.1 = 'North' or 'South', Direction of Travel for Veh. 2 should* be 'East' or 'West'
116, 117	Direction of Travel of Vehicle	Informational	If Crash Type = 'Same Direction (Rear-End or Sideswipe)', Direction of Travel of Vehicle must be the same for Vehicles 1 and 2
116, 117	Direction of Travel of Vehicle	Informational	If Crash Type = 'Opposite Direction (Head-On, Angular, Sideswipe)' or 'Left Turn/U Turn' and Direction of Travel for Veh. 1 = 'East', then Direction of Travel for Veh. 2 should be 'West'
116, 117	Direction of Travel of Vehicle	Informational	If Crash Type = 'Opposite Direction (Head-On, Angular, Sideswipe)' or 'Left Turn/U Turn' and Direction of Travel for Veh. 1 = 'South', then Direction of Travel for Veh. 2 should be 'North'

116, 117	Direction of Travel of Vehicle	Informational	If Crash Type = 'Opposite Direction (Head-On, Angular, Sideswipe)' or 'Left Turn/U Turn' and Direction of Travel for Veh. 1 = 'West', then Direction of Travel for Veh. 2 should be 'East'
116, 117	Direction of Travel of Vehicle	Informational	If Crash Type = 'Opposite Direction (Head-On, Angular, Sideswipe)' or 'Left Turn/U Turn' and Direction of Travel for Veh. 1 = 'North', then Direction of Travel for Veh. 2 should be 'South'
118, 119	Apparent Contributing Circumstances	Informational	Must be between '51' and '89' For Pedestrians
118, 119	Apparent Contributing Circumstances	Critical	If Traffic Controls for a vehicle = 'No Control Present', Apparent Contributing Circumstances for the vehicle cannot be 'Failed to Obey Traffic Control Device'
118, 119	Apparent Contributing Circumstances	Critical	If Traffic Controls for a vehicle is not 'Stop Sign', Apparent Contributing Circumstances for the vehicle cannot be 'Failed to Obey Stop Sign'
118, 119	Apparent Contributing Circumstances	Informational	Apparent Contributing Circumstances is not valid. Must be between '01' and '69'. (For Vehicles and Pedalcyclists)
120, 121	Apparent Physical Status	Critical	Apparent Physical Status is Required
122, 123	Pre-Crash Action	Informational	Pre-Crash Action is missing
122, 123	Pre-Crash Action	Informational	If Crash Type = 'Struck Parked Vehicle', Pre-Crash Action for one of the vehicles must be 'Parked'
122, 123	Pre-Crash Action	Informational	If Crash Type = 'Left Turn/U Turn', Pre-Crash Action for one of the vehicles must be 'Making a Left Turn' or 'Making U Turn'
122, 123	Pre-Crash Action	Informational	If Crash Type is one of the following: 'Same Direction (Rear-End, Sideswipe)', 'Right Angle', 'Opposite Direction (Head-On, Angular, Sideswipe)', 'Left Turn/U Turn', 'Backing', or 'Encroachment', neither Vehicle 1 nor Vehicle 2 can have a Pre-Crash Action = 'Parked'
122, 123	Pre-Crash Action	Informational	Pre-Crash Action for all vehicles cannot be 'Stopped in Traffic', or 'Parked'
122, 123	Pre-Crash Action	Informational	Pre-Crash Action is not valid. Must be between '31' and '49'. (For Pedestrians)
124, 125	Traffic Controls	Informational	Traffic Control Devices is missing
124, 125	Traffic Controls	Informational	Traffic Controls cannot be 'No Control Present' if Apparent Contributing Circumstances is 'Failed to Obey Traffic Signal'
128	First Harmful Event	Critical	First Harmful Event is Required
126-128	Sequence of Events	Critical	If Crash Type = 'Struck Parked Vehicle', the first Sequence of Events for one of the vehicles must be 'Parked'
126-128	Sequence of Events	Informational	If Crash Type is one of the following: 'Same Direction (Rear-End, Sideswipe)', 'Right Angle', 'Opposite Direction (Head-On, Angular, Sideswipe)', 'Left Turn/U Turn', 'Backing', or 'Encroachment', the first Sequence of Events for Vehicles 1 and 2 must be 'MV in Transport'
129-132	Vehicle Impact Area	Critical	Vehicle Impact Area is Required
133, 134	Extent of Damage	Critical	Extent of Damage is Required

144	Crash Diagram	Critical	Crash Diagram is Missing
145	Crash Description/Narrative	Critical	Crash Narrative is Missing
147	Badge Number	Critical	Officer Badge Number is Missing
149	Case Status	Critical	Case status is required.
149	Case Status	Informational	Case Status is Pending. Case Status should be updated to Complete when the case is closed.
A, B, C	Passenger Address	Informational	If Victim's Physical Condition = 'Killed', then Passenger Address is Required
A, B, C	Passenger City	Informational	If Victim's Physical Condition = 'Killed', then Passenger City is Required
A, B, C	Passenger First Name	Critical	If Victim's Physical Condition = 'Killed', then Passenger First Name is Required
A, B, C	Passenger Last Name	Critical	If Victim's Physical Condition = 'Killed', then Passenger Last Name is Required
A, B, C	Passenger Middle Initial	Informational	If Victim's Physical Condition = 'Killed', then Passenger Middle Name is Required
A, B, C	Passenger State	Informational	If Victim's Physical Condition = 'Killed', then Passenger State is Required
A, B, C	Passenger Zip	Informational	If Victim's Physical Condition = 'Killed', then Passenger Zip is Required
Check Box	Hit & Run	Informational	Hit and Run Flag should only = Y when Person Type Code = 'D' (Driver) or 'B' (Pedalcyclist)
	Date of Death	Critical	Only code if Physical Condition (Box86) = 01 Fatal Injury (K). Date of Death cannot be before Date of Crash
	Time of Death	Critical	Only code if Physical Condition (Box86) = 01 Fatal Injury (K). Time of Death cannot be before Time of Crash
Check Box	Reportable Indicator	Critical	Reportable Indicator Required
	NJTR-1 Report Image	Critical	NJTR-1 form is required with data submission

Data Dictionary/Data Layouts

The following sections define a valid data exchange file. Detailed section layouts are listed below.

File Structure

A valid NJ Crash Data Exchange File has the following structure.

Record XML Layout

The following XML structure is the standard NJ Crash transmission XML format. Any other XML format will need to be built on a case by case basis.

Note: It is important that dashes (-) are not passed through the XML to represent a field that is not applicable. Dashes should be removed from the transmit to ensure that data is properly ingested.

XML Tag Name	Type	Size	NJTR-1	Description
<TRANSFER_CONTROL>				
<CDE_NJDOT_ACTION_IND>	Char	1	n/a	Change Report Indicator
	Valid Data: Y - Indicates Change Report			
<CRASH_SCENE>				
<CDE_NJDOT_REPORTABLE_IND>	Char	1	n/a	Reportable Crashes Indicator
	Valid Data: Y - Indicates Reportable Crashes N - Indicates Non-Reportable Crashes			
<NUM_YEAR>	Number	4	n/a	Year of Crash in YYYY format
<CDE_COUNTY>	Char	2	7	County Code
	Valid Data: 01 - 21; Must be zero-filled.			
<CDE_MUNICIPALITY>	Char	2	7	Municipality Code
	Valid Data: Must be a valid municipality code within the County coded. Must be zero-filled.			
<CDE_ACC_CASE>	Char	20	1	Department Case Number
<CDE_CASE_STATUS>	Char	2	149	Case Status Code
	Valid Data: 01 - Pending 02 - Complete			
<ACC_CASE_NUM_SEQ>	Number	2	n/a	Sequence Number for Case
	This will be used to keep track if Change Reports are submitted. Original report should be set to '1'.			
<NME_DEPT>	Char	30	2	Police Department Name
	Valid Data: Must be consistent for a Police Department.			
<ORI_DEPT>	Char	9	N/A	Police Department ORI
	Valid Data: Must be valid format NJ#####			
<NUM_DEPT>	Char	2	2	Police Department Code

	<u>Valid Data:</u> 01 - Municipal Police 02 - State Police 03 - County Police 04 - Port Authority Police 05 - County Sheriff 99 - Other Police			
<NME_STATION>	Char	15	3	Police Station / Precinct
<DTE_CRASH>	Date	8	4	Date of Crash in MMDDYYYY format
<NME_CRASH_DAY>	Char	2	5	Day-of-Week of Crash
	<u>Valid Data:</u> SU - Sunday TH - Thursday MO - Monday FR - Friday TU - Tuesday SA - Saturday WE - Wednesday			
	<u>Cross Edit Check(s):</u> Must agree with Date of Crash.			
<TME_CRASH>	Char	4	6	Time of Accident in HHMM format
	<u>Valid Data:</u> 0000 - 2359; Must be zero-filled.			
<NUM_KILLED>	Number	3	8	Total Number of Persons Killed
	<u>Cross Edit Check(s):</u> Total Killed must equal the number of Related Individuals that have Victim's Physical Condition (Items 86a-e) = 'Killed'.			
<NUM_INJURED>	Number	3	9	Total Number of Persons Injured
	<u>Cross Edit Check(s):</u> Total Injured must equal the number of Related Individuals that have Victim's Physical Condition (Items 86a-e) marked as one of the following: Incapacitated Moderate Injury Complaint of Pain			
<NUM_TOT_VEH_INVOLVED>	Number	3	104	Total Number of Vehicles Involved
	<u>Cross Edit Check(s):</u> Total Vehicles Involved in Crash must equal the number of non-Null Vehicle records entered.			
<DES_LOCATION>	Char	50	10	Location of Crash
<CDE_DIR_LOCATION>	Char	1	10	Direction of Location Road/Route
	<u>Valid Data:</u> N - North; E - East; S - South; W - West;			
<NUM_POSTED_SPEED_LOC>	Number	2	11	Posted Speed for Road Crash Occurred On
<NUM_ROUTE>	Number	4	12	Route Number
<NUM_ROUTE_SX>	Char	1	12	Route Suffix
	<u>Cross Edit Check(s):</u> If this field is coded, then Route Number must be filled.			
<NUM_MILEPOST>	Number	7.2	13	Milepost

	Use 999.99 format.			
<NUM_DIST_TO_XSTREET>	Number	6	14	Distance to Cross Street
<NUM_DIST_XSTREET_UNIT>	Char	2	15	Distance to Cross Street Units
	Valid Data: AT-At Intersection With; FT-Feet; MI-Miles;			
<CDE_DIR_FROM_XSTREET>	Char	1	16	Direction from Cross Street
	Valid Data: N - North; E - East; S - South; W - West;			
<DES_XSTREET>	Char	35	17	Name of Cross Street/Route
	DO NOT code if crash occurred on a Ramp.			
<NUM_POSTED_SPEED_XSTREET>	Number	2	18	Posted Speed for Cross Street/Route
	DO NOT code if crash occurred on a Ramp.			
	Cross Edit Check(s): If this field is coded, then Cross Street must be filled.			
<CDE_RAMP_INTERSECT>	Char	1	19	Ramp Indicator
	Valid Data: T - To; F - From; Only code if crash occurred on a Ramp.			
	Cross Edit Check(s): If this field is coded, then Cross Street and Posted Speed for Cross Street must be blank. If this field is coded, then Ramp Route/Road Name must be filled in.			
<DES_RAMP_TO_FROM_RTE>	Char	25	20	Ramp Route / Road Name
	Only code if crash occurred on a Ramp.			
<CDE_RAMP_TO_FROM_DIR>	Char	2		Ramp Direction
	Valid Data: NB - NorthBound EB - EastBound SB - SouthBound WB - WestBound			
	Only code if crash occurred on a Ramp.			
	Cross Edit Check(s): If this field is coded, then Ramp Route/Name must also be coded.			
<NUM_LATITUDE>	Char	10	21	Latitude of Crash Location
	Must be in decimal degrees (99.99999999 format).			
<NUM_LONGITUDE>	Char	10	22	Longitude of Crash Location
	Must be in decimal degrees (99.99999999 format).			
<CDE_ROAD_MEDIAN>	Char	2	96	Road Divided By Code
	Valid Data: 01 - 05, 99, 00-Unknown, 98-Not Applicable (-); Must be zero-filled.			
<DES_OTH_ROAD_MEDIAN>	Char	75		Road Divided By "OTHER" Code Description
<CDE_ROAD_CONSTR>	Char	2	97	Temporary Traffic Control Zone
	Valid Data: 01 - 05, 99, 00-Unknown, 98-Not Applicable (-); Must be zero-filled.			
<CDE_LIGHT_COND>	Char	2	98	Light Condition Code

	Valid Data: 01 - 07, 99, 00-Unknown, 98-Not Applicable (-); Must be zero-filled.			
<DES_OTH_LIGHT_COND>	Char	75		Light Condition "OTHER" Code Description
<CDE_ROAD_SYS>	Char	2	99	Road System Code
	Valid Data: 01 - 10, 99, 00-Unknown, 98-Not Applicable (-); Must be zero-filled.			
	Cross Edit Check(s): If Road System Code = 'Interstate' or 'State Highway', then Route Number must be coded.			
<DES_OTH_ROAD_SYS>	Char	75		Road System "OTHER" Code Description
<CDE_HORIZ_ALIGN>	Char	2	100a	Road Character - Horizontal Alignment Code
	Valid Data: 01 - 03, 99, 00-Unknown, 98-Not Applicable (-); Must be zero-filled.			
<DES_OTH_HORIZ_ALIGN>	Char	75		Road Horizontal Alignment "OTHER" Code Desc
<CDE_ROAD_GRADE>	Char	2	100b	Road Grade Code
	Valid Data: 04 - 08, 99, 00-Unknown, 98-Not Applicable (-); Must be zero-filled.			
<DES_OTH_ROAD_GRADE>	Char	75		Road Grade "OTHER" Code Description
<CDE_ROAD_SURF>	Char	2	101	Road Surface Type Code
	Valid Data: 01 - 05, 99, 00-Unknown, 98-Not Applicable (-); Must be zero-filled.			
<DES_OTH_ROAD_SURF>	Char	75		Road Surface Type "OTHER" Code Description
<CDE_SURF_COND>	Char	2	102	Surface Condition Code
	Valid Data: 01 - 09, 99, 00-Unknown, 98-Not Applicable (-); Must be zero-filled.			
<DES_OTH_SURF_COND>	Char	75		Surface Condition "OTHER" Code Description
<CDE_WEATHER>	Char	2	103	Environmental Condition Code
	Valid Data: 01 - 10, 99, 00-Unknown, 98-Not Applicable (-); Must be zero-filled.			
<DES_OTH_WEATHER>	Char	75		Environmental Cond. "OTHER" Code Description

<CDE_CRASH_TYPE>	Char	2	105	Crash Type Code
	Valid Data: 00, 01 - 16, 99; Must be zero-filled. Codes 01 through 09 are to be used when the First Event Code for the crash is an impact between two vehicles. If the First Event Code is anything else, use Codes 10 through 16, if applicable.			
	<u>Cross Edit Check(s)</u> : See Appendix of the 'NJDOT Crash EDT Interface Requirements' for Cross Edit Checks.			
<DES_OTH_CRASH_TYPE>	Char	75		Crash Type "OTHER" Code Description
<CDE_FIRST_HARMFUL_EVENT>	Char	2	128	First Harmful Event Code
	Valid Data: 01-04, 09, 11-12, 21-30, 39, 41-62, 69, 00-Unknown, 98-Not Applicable (-); Must be zero-filled.			
<DES_OTH_FIRST_HARMFUL_EVENT>	Char	75		First Harmful Event "OTHER" Code Description
<DES_OTHER_PROP_DAMAGE>	Char	80	135	Damage to Other Property
<DES_REPORT_FNME>	Char	15	146	Reporting Officer's First Name
<DES_REPORT_LNME>	Char	15	146	Reporting Officer's Last Name
<NUM_REPORT_BADGE>	Char	5	147	Reporting Officer's Badge Number
<DES_REVIEW_FNME>	Char	15	148	Reviewing Officer's First Name
<DES_REVIEW_LNME>	Char	15	148	Reviewing Officer's Last Name
<NUM_REVIEW_BADGE>	Char	5	148	Reviewing Officer's Badge Number
<NARRATIVE>	Char	n/a	145	Crash Description / Narrative
<VEHICLES>				
<VEHICLE>				
<NUM_VEHICLE>	Number	10	23 / 53	Vehicle Id
	Vehicle Id should match the labels on the Vehicles in the diagram. The only time this field will be NULL is when Pedestrians and/or Pedalcyclists are involved in the crash.			
	<u>Cross Edit Check(s)</u> : Vehicle Numbers for each vehicle within a crash must be unique.			
<CDE_FLG_HIT_RUN>	Char	1		Hit & Run Indicator
	Valid Data: Y - Denotes the ACTOR, not the VICTIM of a Hit & Run crash.			
<CDE_FLG_PARKED>	Char	1		Parked Vehicle Indicator
	Valid Data: Y - Parked Vehicle; Any Related Individuals associated with this vehicle (persons sitting in the vehicle) must be listed as 'Passengers', even if they are in the driver's seat.			

<CDE_FLG_RESPOND_EMERG>	Char	1		Responding to Emergency Indicator																				
	Valid Data: Y - Denotes a vehicle responding to an emergency.																							
<NUM_INS>	Char	25	24 / 54	Insurance Policy Number																				
<CDE_INS>	Char	20	25 / 55	NJ Insurance Company Code																				
<DES_OTH_INSURANCE_ACC>	Char	75		Insurance "OTHER" Code Description																				
<CDE_MAKE>	Char	30	38 / 68	Make of Vehicle																				
	<p>NJDOT has been using NCIC Names/Codes for Motor Vehicle Make when possible. NCIC Codes names/codes can be found at the following link: http://www.mnucc.us/ncic-codes-motor-vehicle-makes PLEASE NOTE: The Vehicle Make fields are not limited to this list. If a vehicle is of a type that is not listed, please allow the officer to fill in the make.</p>																							
<CDE_MODEL>	Char	20	39 / 69	Model of Vehicle																				
<CDE_COLOR>	Char	2	40 / 70	Color of Vehicle																				
	<p>See Page 2 of the NJTR-1 Overlay for valid color codes.</p> <table border="0"> <tr> <td>BG - Beige</td> <td>MN - Maroon</td> </tr> <tr> <td>BK - Black</td> <td>OG - Orange</td> </tr> <tr> <td>BL - Blue</td> <td>PK - Pink</td> </tr> <tr> <td>BN - Brown</td> <td>PL - Purple</td> </tr> <tr> <td>CL - Coral</td> <td>RD - Red</td> </tr> <tr> <td>CM - Cream</td> <td>SL - Silver</td> </tr> <tr> <td>GD - Gold</td> <td>TN - Tan</td> </tr> <tr> <td>GY - Gray</td> <td>TQ - Turquoise</td> </tr> <tr> <td>GN - Green</td> <td>UK - Unknown</td> </tr> <tr> <td>WT - White</td> <td>YL - Yellow</td> </tr> </table>				BG - Beige	MN - Maroon	BK - Black	OG - Orange	BL - Blue	PK - Pink	BN - Brown	PL - Purple	CL - Coral	RD - Red	CM - Cream	SL - Silver	GD - Gold	TN - Tan	GY - Gray	TQ - Turquoise	GN - Green	UK - Unknown	WT - White	YL - Yellow
BG - Beige	MN - Maroon																							
BK - Black	OG - Orange																							
BL - Blue	PK - Pink																							
BN - Brown	PL - Purple																							
CL - Coral	RD - Red																							
CM - Cream	SL - Silver																							
GD - Gold	TN - Tan																							
GY - Gray	TQ - Turquoise																							
GN - Green	UK - Unknown																							
WT - White	YL - Yellow																							
<NUM_YEAR>	Number	4	41 / 71	Year of Vehicle (YYYY)																				
<DES_PLATE>	Char	10	42 / 72	Vehicle License Plate																				
<CDE_STATE>	Char	2	43 / 73	Vehicle Registration State																				
<DES_VIN>	Char	25	44 / 74	Vehicle VIN Number																				
<DTE_REG_EXPIRY>	Date	8	45 / 75	Vehicle Registration Expiration Date																				
	Use MMDDYYYY format. If only Month & Year appear on registration, please use '01' for Day.																							
<DES_REMOVED_TO>	Char	35	46 / 76	Description of Where Vehicle Removed To																				
<FLG_TOWED>	Char	1	46 / 76	Driven / Left at Scene / Towed Indicator																				
	Valid Data: 1 - Driven; 2 - Left at Scene; 3 - Towed Disabled; 4 - Towed Impounded; 5 - Towed Disabled & Impounded;																							
<CDE_REMOVED_BY>	Char	2	47 / 77	Authority that removed vehicle Code																				
	Valid Data: 1 - Owner; 2 - Driver; 3 - Police;																							

<CDE_HAZMAT_STATUS>	Char	2	49 / 79	Hazardous Material Status Code
	Valid Data: N - None; O - On Board; S - Spill;			
<CDE_HAZMAT_CLASS>	Char	1	49 / 79	Hazardous Material class
<DES_HAZMAT_PLACARD1>	Char	10	49 / 79	Placard Number
<NUM_USDOT_CARRIER>	Char	10	50 / 80	USDOT Carrier No.
<NUM_MCMX_CARRIER>	Char	10	50 / 80	MC/MX Carrier No.
<CDE_NONE_CARRIER>	Char	1	50 / 80	MC/MX Carrier No. None Checkbox
	Valid Data: Y - Denotes that there was no Carrier No.;			
<CDE_VEH_WEIGHT>	Char	1	51 / 81	Vehicle Weight Rating
	Valid Data: 1 - <= 10,000 lbs. 2 - 10,001 - 26,000 lbs. 3 - >= 26,001 lbs.			
<DES_CARRIER_NAME>	Char	50	52 / 82	Carrier Name
<DES_CARRIER_ADDRESS>	Char	35	52 / 82	Carrier Number and Street
<DES_CARRIER_CITY>	Char	25	52 / 82	Carrier City
<DES_CARRIER_STATE>	Char	2	52 / 82	Carrier State
<DES_CARRIER_ZIP>	Char	10	52 / 82	Carrier Zip Code
<CDE_AUTONOMY_LEVEL_AVAIL>	Char	7	150/152	Level of Autonomy Available
	Valid Data: 0, 1, 2, 3, 4, 5, Unknown			
<CDE_AUTONOMY_LEVEL_ENG>	Char	7	151/153	Level of Autonomy Engaged
	Valid Data: 0, 1, 2, 3, 4, 5, Unknown			
<CDE_OVERSIZE_PERMIT_IND>	Char	2	106 / 107	Oversize/Overweight Permit?
	Valid Data: 01 - Yes; 02 - No;			
	<p>Cross Edit Check(s): If Oversize/Overweight Permit for a vehicle = 'Yes', Vehicle Type (if coded) for that vehicle must be one of the following:</p> <p>21-Single Unit Truck (3+ axle) 22-Truck 2 Axle w/Trailer 23-Truck 3+ Axle w/Trailer 24-Truck/Tractor (Bobtail) 25-Tractor Semi-Trailer 26-Tractor Double 27-Tractor Triple 29-Other Truck</p>			
<CDE_VEH_TYPE>	Char	2	108 / 109	Vehicle Type Code
	Valid Data: 01 - 16, 19, 20 - 27, 29 - 31, 40, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
	<p>Cross Edit Check(s): If Vehicle Type for a vehicle = 'Bus/Large Van/Limo' or 'Bus(more than 15 Seats)', Cargo Body Type (if coded) for that vehicle must be 'Bus (9-15 Seats)' or 'Bus (>15 Seats)'.</p>			
<DES_OTH_VEH_TYPE>	Char	75		Vehicle Type "OTHER" Code Description

<CDE_VEH_USE>	Char	2	110 / 111	Vehicle Use
	Valid Data: 01 - 05, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
<DES_OTH_VEH_USE>	Char	75		Vehicle Use "OTHER" Code Description
<CDE_SPECIAL_FUNC>	Char	2	112 / 113	Special Function Vehicles
	Valid Data: 01 - 20, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
	Cross Edit Check(s): If Special Function Vehicle = 'School Bus', 'Transit Bus', 'Tour Bus', 'Shuttle Bus', 'Intercity Bus' or 'Other Bus', then Cargo Body Type for that Vehicle must be Bus (9-15 seats) or Bus (>15 seats).			
<DES_OTH_SPECIAL_FUNC>	Char	75		Special Func Vehicle "OTHER" Code Description
<CDE_CARGO_BODY>	Char	2	114 / 115	Cargo Body Type Code
	Valid Data: 01 - 14, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
<DES_OTH_CARGO_BODY>	Char	75		Cargo Body Type "OTHER" Code Description
<CDE_FIRST_EVENT>	Char	2	126a/127a	Sequence of Events-Event 1 Code
	Valid Data: 01 - 15, 19, 21 - 30, 39, 41 - 62, 69, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
<DES_OTH_FIRST_EVENT>	Char	75		Seq of Events-Event 1 "OTHER" Code Description
<CDE_SECOND_EVENT>	Char	2	126b/127b	Sequence of Events-Event 2 Code
	Valid Data: 01 - 15, 19, 21 - 30, 39, 41 - 62, 69, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
<DES_OTH_SECOND_EVENT>	Char	75		Seq of Events-Event 2 "OTHER" Code Description
<CDE_THIRD_EVENT>	Char	2	126c/127c	Sequence of Events-Event 3 Code
	Valid Data: 01 - 15, 19, 21 - 30, 39, 41 - 62, 69, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
<DES_OTH_THIRD_EVENT>	Char	75		Seq of Events-Event 3 "OTHER" Code Description
<CDE_FOURTH_EVENT>	Char	2	126d/127d	Sequence of Events-Event 4 Code
	Valid Data: 01 - 15, 19, 21 - 30, 39, 41 - 62, 69, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
<DES_OTH_FOURTH_EVENT>	Char	75		Seq of Events-Event 4 "OTHER" Code Description
<CDE_MOST_HARMFUL_EVENT>	Char	2	126e/127e	Most Harmful Event Code

	Valid Data: 01-04, 09, 11-12, 21-30, 39, 41-62, 69, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
<DES_OTH_MOST_HARMFUL_EVENT>	Char	75		Most Harmful Event "OTHER" Code Description
<CDE_INITIAL_DAMAGE>	Char	2	129 / 131	Areas Damaged - Initial Impact Code
	Valid Data: 01 - 15, 17, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
<DES_OTH_INITIAL_DAMAGE>	Char	75		Areas Damaged - Init Impact "OTHER" Code Desc
<CDE_PRINCIPAL_DAMAGE>	Char	2	130 / 132	Areas Damaged - Principal Impact Code
	Valid Data: 01 - 15, 17, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
<DES_OTH_PRINCIPAL_DAMAGE>	Char	75		Areas Damaged - Prin Impact "OTHER" Code Desc
<CDE_EXTENT_DAMAGE>	Char	2	133 / 134	Extent of Damage Code
	Valid Data: 01 - 04, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
<CDE_TRAF_CNTRL>	Char	2	124 / 125	Traffic Control Code
	Valid Data: 01 - 14, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
	Cross Edit Check(s): If Traffic Control for a vehicle = 'No Control Present', Contributing Circumstances for the vehicle cannot be 'Failed to Obey Traffic Control Device'.			
<DES_OTH_TRAF_CNTRL>	Char	75		Traffic Control "OTHER" Code Description
<CDE_CONTR_CIRCUMA>	Char	2	118a / 119a	Apparent Contributing Circumstances Code
	Valid Data: 01 - 25, 29, 31 - 40, 49, 51 - 61, 69, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
	Cross Edit Check(s): If Apparent Contributing Circumstances for both vehicles (1 & 2) = 'Backing Unsafely', Crash Type must be 'Backing'.			
<DES_OTH_CONTR_CIRCUMA>	Char	75		Apparent Contributing Circum "OTHER" Code Desc
<CDE_CONTR_CIRCUMB>	Char	2	118b / 119b	Apparent Contributing Circumstances Code
	Valid Data: 01 - 25, 29, 31 - 40, 49, 51 - 61, 69, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
	Cross Edit Check(s): Cannot be the same code as <CDE_CONTR_CIRCUMA>.			
<DES_OTH_CONTR_CIRCUMB>	Char	75		Apparent Contributing Circum "OTHER" Code Desc
<CDE_TRAVEL_DIR>	Char	2	116 / 117	Direction of Travel
	Valid Data: 01- North; 02- East; 03- South; 04- West, 00- Unknown, 98- Not Applicable (-);			

<CDE_PRE_CRASH>	Char	2	122 / 123	Pre-Crash Action Code
	Valid Data: 01 - 19, 29, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
	<p>Cross Edit Check(s): Pre-Crash Action for all vehicles cannot be non-moving ('Stopped in Traffic', 'Parked').</p> <p>If Pre-Crash Action for a vehicle = 'Parked', all driver information for that vehicle must be blank. This includes the following fields: Driver's Name, Street Address, City, State, Zip Code Driver's License Number & State Driver's Date of Birth, Eye Color, Sex</p>			
<DES_OTH_PRE_CRASH>	Char	75		Pre-Crash Action "OTHER" Code Description
<CDE_DRIVERLESS_CLASS>	Char	2		Driverless Classification
	Valid Data: 01 - Moving; 02 - Motionless;			
<VEHICLE_OWNER>				
<NME_OWNER>	Char	55	35 / 65	Name of Vehicle's Owner
	If owner is an individual, please put name in the following order: First Name, Middle Initial and Last Name.			
<NME_FIRST_OWN>	Char	15	35 / 65	First Name of Owner
	This field is only for an individual owner and is optional. If the owner is an individual and you can break up the name, please do so.			
<NME_MIDDLE_OWN>	Char	15	35 / 65	Middle Name of Owner
	Same as above...see <NME_FIRST_OWN>.			
<NME_LAST_OWN>	Char	25	35 / 65	Last Name of Owner
	Same as above...see <NME_FIRST_OWN>.			
<DES_ADDRESS_OWN>	Char	35	36 / 66	Owner Number and Street
<DES_CITY_OWN>	Char	25	37 / 67	Owner City
<CDE_STATE_OWN>	Char	2	37 / 67	Owner State
<NUM_ZIP_OWN>	Char	10	37 / 67	Owner Zip Code
</VEHICLE_OWNER>				
<RELATED_INDIVIDUALS>				
<RELATED_INDIVIDUAL>				
<NUM_PERSON>	Char	10		Unique Person Id within a Crash
<CDE_PERSON_TYPE>	Char	2		Person Type Code
	Valid Data: D - Driver P - Passenger T - Pedestrian B - Pedalcyclist O - Other			
<FLG_HIT_RUN>	Char	1	n/a	Hit & Run Indicator

	<u>Valid Data:</u> Y - Denotes the ACTOR, not the VICTIM of a Hit & Run crash. For Person Type Code = 'D' (Driver) this should be coded in <VEHICLES> segment. This should be used primarily for 'B' (Pedalcyclist).			
<NME_FIRST>	Char	15	26 / 56	Person First Name
<NME_MIDDLE>	Char	1	26 / 56	Person Middle Initial
<NME_LAST>	Char	22	26 / 56	Person Last Name
<DES_ADDRESS>	Char	35	27 / 57	Person Number and Street
<DES_CITY>	Char	25	28 / 58	Person City
<CDE_STATE>	Char	2	28 / 58	Person State code
<NUM_ZIP>	Char	10	28 / 58	Person Zip Code
<DTE_BIRTH>	Date		33 / 63	Person Date of Birth (MMDDYYYY)
<CDE_EYES>	Char	2	30 / 60	Person Eye Color
	<u>Valid Data:</u> 01 - Black 02 - Brown 03 - Gray 04 - Blue 05 - Hazel 06 - Green 07, 08, 09 - Special Code/Other			
<NUM_AGE>	Char	3	87	Person Age in Years
	<u>Valid Data:</u> 0 - 120, 01M - 23M; Code Number of Years OR for infants under 2 years, you may code months (ex: 14M).			
<CDE_GENDER>	Char	1	29 / 59 / 88	Person Gender
	<u>Valid Data:</u> F - Female; M - Male; U - Unknown; T - Transitional/Transgender;			
<NUM_DRIVER_LIC>	Char	25	32 / 62	Driver's License Number
	Only code this for a Person Type Code = 'D' (Driver).			
<CDE_DRIVER_LIC_STATE>	Char	2	31 / 61	Driver's License State
	Only code this for a Person Type Code = 'D' (Driver).			
<CDE_DRIVER_LIC_CLASS>	Char	2	30 / 60	Driver's License Class Code
	Only code this for a Person Type Code = 'D' (Driver).			
<CDE_DRIVER_LIC_RESTRICT>	Char	4	30 / 60	Driver's License Restrictions
	Only code this for a Person Type Code = 'D' (Driver).			
<CDE_DRIVER_LIC_ENDORSE>	Char	2	30 / 60	Driver's License Endorsements
	Only code this for a Person Type Code = 'D' (Driver).			
<DTE_DRIVER_LIC_EXPIRY>	Date	8	34 / 64	Driver's License Expiration Date (MMDDYYYY)
	Only code this for a Person Type Code = 'D' (Driver). If only month & year appear on driver's license, use '01' for day.			
<FLG_ALC_TEST_GIVEN>	Char	1	48 / 78	Alcohol Test Given?

	Valid Data: N - No; Y - Yes; R - Refused; Do NOT code for a Person Type Code = 'P' (Passenger).			
<FLG_ALC_TEST_TYPE>	Char	2	48 / 78	Type of Alcohol Given
	Valid Data: BR - Breath; BL - Blood; UR - Urine; Do NOT code for a Person Type Code = 'P' (Passenger).			
<NUM_ALC_TEST_RESULT>	Number	3(2)	48 / 78	Alcohol Test Results
	Valid Data: 0.00 - 0.99; This should be the test results for the type of test indicated in the previous field (breath, blood, urine). Do NOT code for a Person Type Code = 'P' (Passenger).			
	Cross Edit Check(s): If Alcohol Test Results is filled, then Alcohol Test Results Pending Indicator must be blank.			
<FLG_ALC_TEST_PENDING>	Char	1	48 / 78	Alcohol Test Results Pending Indicator
	Valid Data: Y or Null; Do NOT code for a Person Type Code = 'P' (Passenger).			
	Cross Edit Check(s): If Alcohol Test Results Pending Indicator is filled, then Alcohol Test Results must be blank.			
<CDE_TRAVEL_DIR>	Char	2	116 / 117	Direction of Travel
	Valid Data: N - North; E - East; S - South; W - West; For Person Type Code = 'D' (Driver) this should be coded in <VEHICLES> segment. Do NOT code for a Person Type Code = 'P' (Passenger)...this is for Pedestrians/Pedalcyclists.			
<CDE_CONTR_CIRCUM1>	Char	2	118a / 119a	Apparent Contributing Circumstances Code
	Valid Data: 01 - 14, 25, 29, 31 - 39, 49, 51 - 59, 69, 71 - 78, 85, 89, 00- Unknown, 98- Not Applicable (-); Must be zero-filled. For Person Type Code = 'D' (Driver) this should be coded in <VEHICLES> segment. Do NOT code for a Person Type Code = 'P' (Passenger)...this is for Pedestrians/Pedalcyclists.			
	Cross Edit Check(s): For Pedalcyclists...If filled, this field must be a valid coded between '01' and '69'. For Pedestrians...If filled, this field must be a valid code between '51' and '89'.			
<DES_OTH_CONTR_CIRCUM1>	Char	75		Apparent Contr Circumstances "OTHER" Code Desc
<CDE_CONTR_CIRCUM2>	Char	2	118b / 119b	Apparent Contributing Circumstances Code
	Valid Data: 01 - 14, 25, 29, 31 - 39, 49, 51 - 59, 69, 71 - 78, 85, 89, 00- Unknown, 98- Not Applicable (-); Must be zero-filled. For Person Type Code = 'D' (Driver) this should be coded in <VEHICLES> segment. Do NOT code for a Person Type Code = 'P' (Passenger)...this is for Pedestrians/Pedalcyclists.			
	Cross Edit Check(s): Cannot be the same code as <CDE_CONTR_CIRCUM1>. For Pedalcyclists...If filled, this field must be a valid coded between '01' and '69'. For Pedestrians...If filled, this field must be a valid code between '51' and '89'.			

<DES_OTH_CONTR_CIRCUM2>	Char	75		Apparent Contr Circumstances "OTHER" Code Desc
<CDE_FIRST_EVENT>	Char	2	126a/127a	Sequence of Events-Event 1 Code
	Valid Data: 01 - 15, 19, 21 - 30, 39, 41 - 62, 69, 00- Unknown, 98- Not Applicable (-); Must be zero-filled. For Person Type Code = 'D' (Driver) this should be coded in <VEHICLES> segment. Do NOT code for a Person Type Code = 'P' (Passenger)...this is for Pedestrians/Pedalcyclists.			
<DES_OTH_FIRST_EVENT>	Char	75		Seq of Events-Event 1 "OTHER" Code Description
<CDE_SECOND_EVENT>	Char	2	126b/127b	Sequence of Events-Event 2 Code
	Valid Data: 01 - 15, 19, 21 - 30, 39, 41 - 62, 69, 00- Unknown, 98- Not Applicable (-); Must be zero-filled. For Person Type Code = 'D' (Driver) this should be coded in <VEHICLES> segment. Do NOT code for a Person Type Code = 'P' (Passenger)...this is for Pedestrians/Pedalcyclists.			
<DES_OTH_SECOND_EVENT>	Char	75		Seq of Events-Event 2 "OTHER" Code Description
<CDE_THIRD_EVENT>	Char	2	126c/127c	Sequence of Events-Event 3 Code
	Valid Data: 01 - 15, 19, 21 - 30, 39, 41 - 62, 69, 00- Unknown, 98- Not Applicable (-); Must be zero-filled. For Person Type Code = 'D' (Driver) this should be coded in <VEHICLES> segment. Do NOT code for a Person Type Code = 'P' (Passenger)...this is for Pedestrians/Pedalcyclists.			
<DES_OTH_THIRD_EVENT>	Char	75		Seq of Events-Event 3 "OTHER" Code Description
<CDE_FOURTH_EVENT>	Char	2	126d/127d	Sequence of Events-Event 4 Code
	Valid Data: 01 - 15, 19, 21 - 30, 39, 41 - 62, 69, 00- Unknown, 98- Not Applicable (-); Must be zero-filled. For Person Type Code = 'D' (Driver) this should be coded in <VEHICLES> segment. Do NOT code for a Person Type Code = 'P' (Passenger)...this is for Pedestrians/Pedalcyclists.			
<DES_OTH_FOURTH_EVENT>	Char	75		Seq of Events-Event 4 "OTHER" Code Description
<CDE_MOST_HARMFUL_EVENT>	Char	2	126e/127e	Most Harmful Event Code
	Valid Data: 01-04, 09, 11-12, 21-30, 39, 41-62, 69, 00- Unknown, 98- Not Applicable (-); Must be zero-filled. For Person Type Code = 'D' (Driver) this should be coded in <VEHICLES> segment. Do NOT code for a Person Type Code = 'P' (Passenger)...this is for Pedestrians/Pedalcyclists.			

<DES_OTH_MOST_HARMFUL_EVENT>	Char	75		Most Harmful Event "OTHER" Code Description
<PHYS_STAT_CODE1>	Char	2	120a/121a	Driver/Pedestrian Physical Status
	Valid Data: 01 - 09, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled. Do NOT code for a Person Type Code = 'P' (Passenger).			
<DES_OTH_PHYS_STAT_CODE1>	Char	75		Physical Status "OTHER" Code Description
<PHYS_STAT_CODE2>	Char	2	120b/121b	Driver/Pedestrian Physical Status
	Valid Data: 01 - 09, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled. Do NOT code for a Person Type Code = 'P' (Passenger).			
<DES_OTH_PHYS_STAT_CODE2>	Char	75		Physical Status "OTHER" Code Description
<CDE_PRE_CRASH>	Char	2	122 / 123	Pre-Crash Vehicle/Pedalcyclist/Ped Action Code
	Valid Data: 01 - 19, 29, 31 - 46, 49, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled. For Person Type Code = 'D' (Driver) this should be coded in <VEHICLES> segment. Do NOT code for a Person Type Code = 'P' (Passenger)...this is for Pedestrians/Pedalcyclists.			
	<u>Cross Edit Check(s)</u> : For Pedalcyclists...If filled, this field must be a valid coded between '01' and '29'. For Pedestrians...If filled, this field must be a valid code between '31' and '49'.			
<DES_OTH_PRE_CRASH>	Char	75		Pre-Crash "OTHER" Code Description
<CDE_TRAF_CNTRL>	Char	2	124 / 125	Traffic Control Code
	Valid Data: 01 - 14, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled. For Person Type Code = 'D' (Driver) this should be coded in <VEHICLES> segment. Do NOT code for a Person Type Code = 'P' (Passenger)...this is for Pedestrians/Pedalcyclists.			
	<u>Cross Edit Check(s)</u> : If Traffic Control = 'No Control Present', Contributing Circumstances for the person cannot be 'Failed to Obey Traffic Control Device'.			
<DES_OTH_TRAF_CNTRL>	Char	75		Traffic Control "OTHER" Code Description
<CDE_POSITION_IN_VEH>	Char	2	84	Position In/On Vehicle Code
	Valid Data: 01 - 11, 12-49 (for Bus Seating), 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
<DES_OTH_POSITION_IN_VEH>	Char	75		Position In/On "OTHER" Code Description
<CDE_EJECTION>	Char	2	85	Ejection from Vehicle Code
	Valid Data: 01 - 04, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			

<DES_OTH_EJECTION>	Char	75		Ejection "OTHER" Code Description
<CDE_PHYS_COND>	Char	2	86	Person's Physical Condition Code
	Valid Data: 01 - 04, 00- Unknown, 98- Not Applicable (-); Must be zero-filled. Starting in 2019.. Valid Data: 00, 01 - 05; Must be zero-filled.			
<CDE_LOC_INJURY>	Char	2	89	Location of Most Severe Physical Injury
	Valid Data: 01 - 12, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
<DES_OTH_LOC_INJURY>	Char	75		Location Most Severe Phys Inj "OTHER" Code Desc
<CDE_TYPE_INJURY>	Char	2	90	Type of Most Severe Injury
	Valid Data: 01 - 08, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
<DES_OTH_TYPE_INJURY>	Char	75		Type of Most Severe Phys Inj "OTHER" Code Desc
<CDE_REFUSED_MED>	Char	2	91	Refused Medical Treatment
	Valid Data: 01 - Yes; 02 - No;			
<CDE_SAFETY_AVAIL>	Char	2	92	Safety Equipment Available
	Valid Data: 01 - 12, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled.			
<DES_OTH_SAFETY_AVAIL>	Char	75		Safety Equip Avail "OTHER" Code Desc
<CDE_SAFETY_USED>	Char	2	93	Safety Equipment Used
	Valid Data: 01 - 12, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled. Please note that if an airbag DOES NOT deploy, it is NOT to be considered used.			
<DES_OTH_SAFETY_USED>	Char	75		Safety Equip Used "OTHER" Code Desc
<CDE_AIRBAG_DEPLOY>	Char	2	94	Airbag Deployment Code
	Valid Data: 01 - 11, 99, 00- Unknown, 98- Not Applicable (-); Must be zero-filled. Only code for a Person Type Code = 'D' (Driver) or 'P' (Passenger).			
	Cross Edit Check(s): If Airbag Deployment = 'Front', 'Side', 'Other' or 'Combination', then Safety Equipment Available and Used must be 'Airbag' or 'Airbag & Seatbelts', 'Unknown' or 'Other'.			
<DES_OTH_AIRBAG_DEPLOY>	Char	75		Airbag Deploy "OTHER" Code Description
<CDE_HOSPITAL>	Char	4	95	Hospital Code
	00- Unknown, 98- Not Applicable (-); Hospital codes can be found at http://www.state.nj.us/health/ems/ems.pdf			
<DES_OTH_HOSPITAL>	Char	75		Hospital "OTHER" Code Description

<DTE_DEATH>	Date	8		Date of Death (MMDDYYYY)
	Only code for a fatality.			
	Cross Edit Check(s): If coded, then Physical Condition Code for person must be 'Killed'.			
<TME_DEATH>	Date	4		Time of Death (HHMM)
	Valid Data: 0000 - 2359; Must be zero-filled. Only code for a fatality.			
	Cross Edit Check(s): If coded, then Physical Condition Code for person must be 'Killed'.			
<SUMMONSES>				
<SUMMON>				
<DES_CHARGE>	Char	40	136, 138, 140, 142	Charge
	If more than one charge, code the most serious offense first. Do NOT code for a Person Type Code = 'P' (Passenger).			
<DES_SUMMONS>	Char	40	137, 139, 141, 143	Summons Number
	If more than one summons issued, code the most serious one first. Do NOT code for a Person Type Code = 'P' (Passenger).			
</SUMMON>				
</SUMMONSES>				
</RELATED_INDIVIDUAL>				
</RELATED_INDIVIDUALS>				
</VEHICLE>				
</VEHICLES>				
<IMAGES>				
<IMAGE>				
<NUM_IMAGE>	Number	10		Sequential ID for Image
	Image ID must be unique for images within a crash.			
<CDE_IMAGE_TYPE>	Char	3		Format Type of the Image
	Valid Data: 'jpg';			
<NUM_IMAGE_LENGTH>	Number	10		Length of the Image
	Size of the image in BYTES.			
<IMG_CRASH_IMAGE>	Char	n/a	144	Image of Crash Diagram
</IMAGE>				
</IMAGES>				
<REPORT_IMAGE>				
<CDE_IMAGE_TYPE>	Char	3		Format Type of the Image
	Valid Data: 'pdf';			
<NUM_IMAGE_LENGTH>	Number	10		Length of the Image

	Size of the image in BYTES.		
<IMG_REPORT_IMAGE>	Char	n/a	Image of Crash Report
</REPORT_IMAGE>			
</CRASH_SCENE>			
</TRANSFER_CONTROL>			