Data element	Columns	Column size	Definition	
Collision level data elements				
C_YEAR	1 – 4	4	Year	
C_MNTH	5-6	2	Month	
C_WDAY	7	1	Day of week	
C_HOUR	8 – 9	2	Collision hour	
C_SEV	10	1	Collision severity	
C_VEHS	11 – 12	2	Number of vehicles involved in collision	
C_CONF	13 – 14	2	Collision configuration	
C_RCFG	15 – 16	2	Roadway configuration	
C_WTHR	17	1	Weather condition	
C_RSUR	18	1	Road surface	
C_RALN	19	1	Road alignment	
C_TRAF	20 - 21	2	Traffic control	
	Vo	ehicle level data	elements	
V_ID	22 - 23	2	Vehicle sequence number	
V_TYPE	24 - 25	2	Vehicle type	
V_YEAR	26 - 29	4	Vehicle model year	
	Person level data elements			
P_ID	30 – 31	2	Person sequence number	
P_SEX	32	1	Person sex	
P_AGE	33 – 34	2	Person age	
P_PSN	35 – 36	2	Person position	
P_ISEV	37	1	Medical treatment required	
P_SAFE	38 – 39	2	Safety device used	
P_USER	40	1	Road user class	

Possible values and their meaning for each variable

C_YEAR

Code	Description
19yy-20yy	yy = last two digits of the calendar year. (e.g. 90, 91, 92)

C_MNTH

Code	Description
01	January
02	February
03	March
04	April
05	May
06	June
07	July
08	August
09	September
10	October
11	November
12	December
UU	Unknown
XX	Jurisdiction does not provide this data element

C_WDAY

Code	Description
1	Monday
2	Tuesday
3	Wednesday
4	Thursday
5	Friday
6	Saturday
7	Sunday
U	Unknown
X	Jurisdiction does not provide this data element

C_HOUR

Code	Description
00	Midnight to 0:59
01	1:00 to 1:59
02	2:00 to 2:59
03	3:00 to 3:59
04	4:00 to 4:59
05	5:00 to 5:59
06	6:00 to 6:59
07	7:00 to 7:59
08	8:00 to 8:59
09	9:00 to 9:59
10	10:00 to 10:59
11	11:00 to 11:59
12	12:00 to 12:59
13	13:00 to 13:59
14	14:00 to 14:59
15	15:00 to 15:59
16	16:00 to 16:59
17	17:00 to 17:59
18	18:00 to 18:59
19	19:00 to 19:59
20	20:00 to 20:59
21	21:00 to 21:59
22	22:00 to 22:59
23	23:00 to 23:59
UU	Unknown
XX	Jurisdiction does not provide this data element

C_SEV

Code	Description
1	Collision producing at least one fatality
2	Collision producing non-fatal injury
U	Unknown
X	Jurisdiction does not provide this data element

C_VEHS

Code	Description
01 - 98	01 - 98 vehicles involved.
99	99 or more vehicles involved.
UU	Unknown
XX	Jurisdiction does not provide this data element

C_CONF

C_CONF Code	Description		
	- 1		
Single Vehic	e in Motion:		
01	Hit a moving object	E.g. a person or an animal	
02	Hit a stationary object	E.g. a tree	
03	Ran off left shoulder	Including rollover in the left ditch	
04	Ran off right shoulder	Including rollover in the right ditch	
05	Rollover on roadway		
06	Any other single vehicle collision co	nfiguration	
	s in Motion - Same Direction of Travel:		
21	Rear-end collision		
22	Side swipe	Side swipe	
23	1 0	One vehicle passing to the left of the other, or left turn conflict	
24		One vehicle passing to the right of the other, or right turn conflict	
25	Any other two vehicle - same direction of travel configuration		
	s in Motion - Different Direction of Trav	/el:	
31	Head-on collision		
32	Approaching side-swipe		
33	Left turn across opposing traffic		
34	Right turn, including turning conflicts		
35	Right angle collision		
36	Any other two-vehicle - different direction of travel configuration		
	Γwo Vehicles - Hit a Parked Motor Vehicle:		
41	Hit a parked motor vehicle		
QQ	Choice is other than the preceding va	llues	
UU		Unknown	
XX	Jurisdiction does not provide this dat	a element	

C_RCFG

Code	Description
01	Non-intersection e.g. 'mid-block'
02	At an intersection of at least two public roadways
03	Intersection with parking lot entrance/exit, private driveway or laneway
04	Railroad level crossing
05	Bridge, overpass, viaduct
06	Tunnel or underpass
07	Passing or climbing lane
08	Ramp
09	Traffic circle
10	Express lane of a freeway system
11	Collector lane of a freeway system
12	Transfer lane of a freeway system
QQ	Choice is other than the preceding values
UU	Unknown
XX	Jurisdiction does not provide this data element

C_WTHR

Code	Description
1	Clear and sunny
2	Overcast, cloudy but no precipitation
3	Raining
4	Snowing, not including drifting snow
5	Freezing rain, sleet, hail
6	Visibility limitation e.g. drifting snow, fog, smog, dust, smoke, mist
7	Strong wind
Q	Choice is other than the preceding values
U	Unknown
X	Jurisdiction does not provide this data element

C_RSUR

Code	Description	
1	Dry, normal	
2	Wet	
3	Snow (fresh, loose snow)	
4	Slush ,wet snow	
5	Icy	Includes packed snow
6	Sand/gravel/dirt	Refers to the debris on the road, not
		the material used to construct the road
7	Muddy	
8	Oil	Includes spilled liquid or road
		application.
9	Flooded	
Q	Choice is other than the prece	eding values
U	Unknown	
X	Jurisdiction does not provide	data element

C_RALN

Code	Description
1	Straight and level
2	Straight with gradient
3	Curved and level
4	Curved with gradient
5	Top of hill or gradient
6	Bottom of hill or gradient "Sag"
Q	Choice is other than the preceding values
U	Unknown
X	Jurisdiction does not provide this data element

C_TRAF

Code	Description	
01	Traffic signals fully operational	
02	Traffic signals in flashing mode	
03	Stop sign	
04	Yield sign	
05	Warning sign Yellow diamond shape sign	
06	Pedestrian crosswalk	
07	Police officer	
08	School guard, flagman	
09	School crossing	
10	Reduced speed zone	
11	No passing zone sign	
12	Markings on the road e.g. no passing	
13	School bus stopped with school bus signal lights flashing	
14	School bus stopped with school bus signal lights not flashing	
15	Railway crossing with signals, or signals and gates	
16	Railway crossing with signs only	
17	Control device not specified	
18	No control present	
QQ	Choice is other than the preceding values	
UU	Unknown	
XX	Jurisdiction does not provide this data element	

V_ID

Code	Description
01 - 98	01 - 98
99	Vehicle sequence number assigned to pedestrians
UU	Unknown. In cases where a person segment cannot be correctly matched with the vehicle that he/she was riding in, the Vehicle Sequence Number is set to
	UU.

V_TYPE

Code	Description		
01	Light Duty Vehicle (Passeng light duty pick up trucks)	ger car, Passenger van, Light utility vehicles and	
05	Panel/cargo van <= 4536 KG GVWR	Panel or window type of van designed primarily for carrying goods.	
06	Other trucks and vans <= 4536 KG GVWR	Unspecified, or any other types of LTVs that do not fit into the above categories(e.g., delivery or service vehicles, chip wagons, small tow trucks etc.)	
07	Unit trucks > 4536 KG GVWR	All heavy unit trucks, with or without a trailer	
08	Road tractor	With or without a semi-trailer	
09	School bus	Standard large type	
10	Smaller school bus	Smaller type, seats < 25 passengers	
11	Urban and Intercity Bus		
14	Motorcycle and moped	Motorcycle and limited-speed motorcycle	
16	Off road vehicles	Off road motorcycles (e.g. dirt bikes) and all terrain vehicles	
17	Bicycle		
18	Purpose-built motorhome	Exclude pickup campers	
19	Farm equipment		
20	Construction equipment		
21	Fire engine		
22	Snowmobile		
23	Street car		
NN	Data element is not applicable	e.g. "dummy" vehicle record created for the pedestrian	
QQ	Choice is other than the pred	ceding values	
UU	Unknown		
XX	Jurisdiction does not provide	Jurisdiction does not provide this data element	

V_YEAR

Code	Description		
19yy-20yy	Model Year 19YY to 20YY where	Model Year 19YY to 20YY where 00<= YY <= Current Year + 1	
NNNN	Data element is not applicable	e.g. "dummy" vehicle record created for the pedestrian	
UUUU	Unknown		
XXXX	Jurisdiction does not provide this of	Jurisdiction does not provide this data element	

P_ID

Code	Description	
01 - 99	01 - 99	
NN	Data element is not applicable	e.g. "dummy" person record created for parked cars
UU	Unknown	e.g. applies to runaway cars

P_SEX

Code	Description	
F	Female	
M	Male	
N	Data element is not applicable	e.g. "dummy" person record created for parked cars
U	Unknown	e.g. applies to runaway cars
X	Jurisdiction does not provide this data element	

P_AGE

Code	Description	
00	Less than 1 Year old	
01 - 98	1 to 98 Years old	
99	99 Years or older	
NN	Data element is not applicable	e.g. "dummy" person record created
		for parked cars
UU	Unknown	e.g. applies to runaway cars
XX	Jurisdiction does not provide this data ele	ement

P_PSN

Code	Description		
11	Driver		
12	Front row, center		
13	Front row, right outboard, including motor	orcycle passenger in sidecar	
21	Second row, left outboard, including mot	orcycle passenger	
22	Second row, center		
23	Second row, right outboard		
31	Third row, left outboard		
32	Third row, center		
33	Third row, right outboard		
etc.			
96	Position unknown, but the person was definitely an occupant		
97	Sitting on someone's lap		
98	Outside passenger compartment	e.g. riding in the back of a pick-up truck	
99	Pedestrian		
NN	Data element is not applicable	e.g. "dummy" person record created for	
		parked cars	
QQ	Choice is other than the preceding value		
UU	Unknown	e.g. applies to runaway cars	
XX	Jurisdiction does not provide this data ele	ement	

P_ISEV

Code	Description	
1	No Injury	
2	Injury	
3	Fatality	Died immediately or within the time limit.
N	Data element is not applicable	e.g. "dummy" person record created for parked cars
U	Unknown	e.g. applies to runaway cars
X	Jurisdiction does not prov	vide this data element

P_SAFE

Code	Description		
01	No safety device used or No child restrain	No safety device used or No child restraint used	
02	Safety device used or child restraint used		
09	Helmet worn	For motorcyclists, bicyclists, snowmobilers, all-terrain vehicle riders	
10	Reflective clothing worn	For motorcyclists, bicyclists, snowmobilers, all-terrain vehicle riders and pedestrians	
11	Both helmet and reflective clothing used	For motorcyclists, bicyclists, snowmobilers, all-terrain vehicle riders and pedestrians	
12	Other safety device used		
13	No safety device equipped	e.g. buses	
NN	Data element is not applicable	e.g. "dummy" person record created for parked cars	
QQ	Choice is other than the preceding values		
UU	Unknown	e.g. applies to runaway cars	
XX	Jurisdiction does not provide this data eler	Jurisdiction does not provide this data element	

P_USER

Code	Description
1	Motor Vehicle Driver
2	Motor Vehicle Passenger
3	Pedestrian
4	Bicyclist
5	Motorcyclist
U	Not stated / Other / Unknown