

# Community Maps – Crash Flags Technical Definitions

This document provides technical definitions for the Community Maps crash flag filters to help ensure that a common set of definitions will be used across applications and businesses processes. References are provided to existing crash flags in the DT4000 crash extracts, when available. The Community Maps crash flags values have been updated as of **March 2026** to conform with the definitions in this document. In some cases, minor discrepancies may exist between Community Maps, the DT4000 crash extracts, Crash Facts, and the Year-End Crash Stats. Last Modified 3/26/2026.

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## Section 1: Community Maps Flags by 2023-2027 SHSP Topic Area

#	SHSP Topic	CM Flag
1	Ensure Drivers are Licensed and Competent	---
2	Improve Traffic Incident Management	---
3	Improve Safety at Intersections	Intersection Flag
4	Improve Child Safety Seat Use	Occupant Protection
5	Enhance EMS to Increase Survivability	---
6	Improve Pedestrian Safety	Pedestrian Flag
7	Reduce Deer & Other Animal Crashes	Deer Flag
8	Curb Aggressive Driving	Aggressive Flag
9	Improve Timeliness and Accuracy of Safety Data and Associated Analysis/Tools	--
10	Improve Bicyclist Safety	Bike Flag
11	Reduce the Incidence and Severity of Motorcycle Crashes	Motorcycle Flag
12		Helmet Flag
13	Reduce Weather Related Crashes	Winter Road Flag
14	Reduce Lane Departure Crashes	Lane Departure 1 Unit
15		Lane Departure 2+ Units
16	Improve Teen Driver Performance	Teen Driver
17	Improve Driver Alertness	---
18	Improve Traffic Safety Culture	---
19	Improve Work Zone Safety	Work Zone Flag
20	Reduce Driver Distraction	Distracted Flag
21	Sustain Proficiency in Older Drivers	65+ Driver
22	Increase Seat Belt Use	Occupant Protection
23	Reduce Alcohol and Drug-Impaired Driving	Impaired Flag
24	Improve Safety Technology (Vehicle, Infrastructure, and Personnel Devices)	---
25	Improve Safety for Large Truck Travel	Large Truck Flag / CMV Flag
26	Reduce Speed Related Crashes	Speed Flag
27	Reduce Vehicle-Train Crashes	Train Flag

## Section 2: Community Maps Crash Flag Technical Definitions

### Aggressive Driver Flag (AGGRFLAG)

Definition	Indicates whether aggressive driving was a factor in a crash based on a combination of Driver Actions at the Time of the Crash.
Crash Extracts	Not available.
2017-Present	<p>TRUE if for any person, DRVRPC[XX] has one or more occurrences from Tier 1, two or more occurrences from Tier 2, or three or more occurrences from Tiers 2 or 3, where:</p> <p>Tier 1:</p> <ul style="list-style-type: none"> <li>• [117, Operated Motor Vehicle in Aggressive/Reckless Manner]</li> </ul> <p>Tier 2:</p> <ul style="list-style-type: none"> <li>• [101, Exceed Speed Limit]</li> <li>• [102, Speed Too Fast for Conditions]</li> <li>• [104, Following Too Close]</li> <li>• [113, Improper Overtaking / Passing Right]</li> <li>• [114, Improper Overtaking / Passing Left]</li> <li>• [118, Operated Motor Vehicle in Inattentive, Careless or Erratic Manner]</li> </ul> <p>Tier 3:</p> <ul style="list-style-type: none"> <li>• [103, Failed To Yield Right-Of-Way]</li> <li>• [107, Failure To Control]</li> <li>• [109, Disregarded Red Light]</li> <li>• [110, Disregarded Stop Sign]</li> <li>• [111, Disregarded Other Traffic Control]</li> <li>• [112, Disregarded Other Road Markings]</li> </ul>
Pre-2017	Not available.

## ATV / UTV Flag (ATVFLAG)

Definition	Indicates whether an ATV or UTV was involved in a crash with a motor vehicle. Note that ATV or UTV roadway crashes that do not involve a motor vehicle are reported separately through the DNR crash form and are not included in this flag.
Crash Extracts	Not available.
2017-Present	TRUE if for any Vehicle: VEHTYPE matches one of: <ul style="list-style-type: none"><li>• [116, ATV/UTV (Utility Terrain Vehicle)]</li><li>• [138, ATV]</li><li>• [139, UTV (Utility Terrain Vehicle)]</li></ul>
Pre-2017	Not available.
Notes	Attribute 116 was deprecated starting Fall 2018. Prior to 2017, the MV4000 combined ATV and Snowplow into one vehicle type attribute.

## Bike Flag (BIKEFLAG)

Definition	Indicates whether a bicycle was involved in a crash.
Crash Extracts	BIKEFLAG is a DT4000 derived element, given by: TRUE if for any Unit, UNITTYPE = [6, Bicycle]
2017-Present	TRUE if BIKEFLAG = 'Y' per the DT4000 crash extracts.
Pre-2017	TRUE if BIKEFLAG = 'Y' per the MV4000 crash extracts.

## CMV Flag (CMVFLAG)

Definition	Indicates whether a commercial motor vehicle (CMV) was involved in a crash, based on the vehicle configuration as required for FMCSA reporting.
Crash Extracts	<p>CMVFLAG is a DT4000 derived element, given by:</p> <p>TRUE if for any Vehicle, TKBSCFG matches one of:</p> <ul style="list-style-type: none"> <li>• [101, Vehicle 10,000 Lbs or Less Placarded For Hazardous Materials]</li> <li>• [102, Single-Unit Truck (2-Axle and GVWR More Than 10,000 Lbs)]</li> <li>• [103, Single Unit Truck (3 or More Axles)]</li> <li>• [104, Vehicle Pulling Trailers]</li> <li>• [105, Truck Tractor (Bobtail)]</li> <li>• [106, Truck Tractor/Semi-Trailer]</li> <li>• [107, Truck Tractor/Double]</li> <li>• [108, Truck Tractor/Triple]</li> <li>• [109, Truck More Than 10,000 Lbs, Can Not Classify/Unknown]</li> <li>• [110, Bus (Seats For More Than 15 Occupants, Including Driver)]</li> <li>• [111, Bus/Large Van (Seats For 9-15 Occupants, Including Driver)]</li> </ul>
2017-Present	TRUE if CMVFLAG = 'Y' per the DT4000 crash extracts.
Pre-2017	TRUE if CMVFLAG = 'Y' per the MV4000 crash extracts.
Notes	See the Large Truck Flag (LGTRKFLAG) for a general purpose safety flag for large track travel based on vehicle type.

## Deer Flag (DEERFLAG)

Definition	Indicates whether a crash was deer related, based on the following criteria: the First Harmful Event involved an alive or dead non-domesticated animal of type deer. Note that many deer crashes are unreported or self-reported through DT4002 driver reports which are not included in Community Maps.
Crash Extracts	DEERFLAG is a DT4000 derived element, given by: TRUE if CRSHTYPE matches one of: <ul style="list-style-type: none"> <li>• [143, Non Domesticated Animal (Alive)]</li> <li>• [144, Non Domesticated Animal (Dead)]</li> </ul> and ANMLTY[XX] = [101, Deer] for any XX
2018-Present	TRUE if DEERFLAG = 'Y' per the DT4000 crash extracts.
2017	Computed directly per the 2018+ DEERFLAG definition.
Pre-2017	TRUE if ACCDTYPE = [3, DEER]
Notes	DEERFLAG was added to the DT4000 Crash Extracts in 2018.

## Distracted Driver Flag (DISTDRVR)

Definition	Indicates whether driver distraction was a factor in a crash.
Crash Extracts	Not available.
2017-Present	<p>TRUE if for any Person:</p> <p>DRVRFLAG = 'Y' and one of the following conditions are satisfied:</p> <p>Condition 1:</p> <p>DISTACT matches one of:</p> <ul style="list-style-type: none"> <li>• [101, Talking/Listening]</li> <li>• [102, Manually Operating (texting, dialing, playing game, etc.)]</li> <li>• [103, Other Action (looking away from task, etc.)]</li> </ul> <p>Condition 2:</p> <p>DRVRDS[XX] matches one or more attributes with the exception of:</p> <ul style="list-style-type: none"> <li>• [101, Not Distracted]</li> <li>• [110, Unknown If Distracted]</li> </ul>
Pre-2017:	<p>TRUE if for any Person:</p> <p>DRVRFLAG = 'Y'</p> <p>and DRVRPC[X] matches:</p> <ul style="list-style-type: none"> <li>• [4, INATTENTIVE DRIVING]</li> </ul>
Notes	The multi-valued DRVRDS[XX] was deprecated starting Fall 2018 and replaced by DISTACT and DISTSRC.

### Government Property (GOVTPROP)

Definition	Indicates whether a crash involved damage to government property.
Crash Extracts	GOVTPROP is a DT4000 crash level form element.
2017-Present	TRUE if GOVTPROP = 'Y' per the DT4000 crash extracts.
Pre-2017	TRUE if GOVTPROP = 'Y' per the MV4000 crash extracts.

## Helmet Flag (HLMTFLAG)

Definition	Indicates whether one or more motorcyclists involved in a crash had failed to use a helmet.
Crash Extracts	Not available.
2017-Present	TRUE if CYCLFLAG = 'Y' and for any Person: HLMTUSE = [104, No] and ( VEHTYPE = [112, Motorcycle] or (UNITTYPE = [3, Motorcycle] and VEHTYPE = [118, Police on Emergency]) or (VEHTYPE = [137, Autocycle] and OLICTYPE = 'M') )
Pre-2017	Not available.
Notes	A motorcycle is defined as a vehicle that requires a Class M license to operate. The CYCLFLAG = 'Y' condition ensures consistency with the crash level Motorcycle Flag.

## Hit and Run Crash (HITRUN)

Definition	Indicates whether a crash involved at least one hit and run unit.
Crash Extracts	<p>TRUE if for any Vehicle:</p> <p>UNITTYPE is one of:</p> <ul style="list-style-type: none"> <li>• [1, Automobile]</li> <li>• [2, Truck]</li> <li>• [3, Motorcycle]</li> <li>• [4, Bus]</li> <li>• [5, Bike]</li> </ul> <p>And UNITSTAT is one of:</p> <ul style="list-style-type: none"> <li>• [102, Hit and Run/On Emergency]</li> <li>• [103, Hit and Run]</li> <li>• [107, Stolen/Hit and Run]</li> </ul>
2017-Present	TRUE if HITRUN = 'Y' per the DT4000 crash extracts
Pre-2017	TRUE if HITRUN = 'Y' per the MV4000 crash extracts.
Notes	The Crash Extracts definition went into effect 2020. Prior years applied the DT4000 Hit and Run form element.

## Horse Drawn Involved (HRSDRWN)

Definition	Indicates whether a horse drawn conveyance was involved in a crash.
Crash Extracts	TRUE if for any Vehicle: <ul style="list-style-type: none"><li>• VEHTYPE = [135, HRSDRWN).</li></ul>
2025-Present	TRUE if HRSDRWN = 'Y' per the DT4000 extracts.
2017-2024	Per the Crash Extracts definition.
Pre-2025	Not available.
Notes	HRSDRWN added to the DT4000 crash extracts starting in 2025. Community Maps backfilled to 2017.

### Impaired Driver (IMPAIRED)

Definition	Indicates whether alcohol or drug use was a factor in a crash, based on the following criteria: a driver was suspected by law enforcement of alcohol or drug use, or a citation was issued.
Crash Extracts	Not available.
2017-Present	TRUE if for any Person: DRVRFLAG = 'Y' and ( ALCSUP = [101, Yes] or DRUGSUP = [101, Yes] or a STATNM[XX] starts with '346.63' )
Pre-2017	TRUE if ALCFLAG = 'Y' or DRUGLFAG = 'Y' per the MV4000 extracts.

### Lane Departure Single Unit (LANEDP1U)

Definition	Indicates whether a single unit crash involved a lane departure, based on the First Harmful Event of the crash.
Crash Extracts	Not available.
2017-Present	<p>TRUE if TOTUNIT = 1 and CRSHTYPE matches one of:</p> <ul style="list-style-type: none"> <li>• [106, Motor Veh Tran Other Rdwy]</li> <li>• [107, Other Object - Not Fixed]</li> <li>• [108, Traffic Sign Post]</li> <li>• [109, Traffic Signal]</li> <li>• [110, Utility Pole]</li> <li>• [111, Lum Light Support]</li> <li>• [112, Other Post, Pole or Support]</li> <li>• [113, Tree]</li> <li>• [114, Mailbox]</li> <li>• [115, Guardrail Face]</li> <li>• [116, Guardrail End]</li> <li>• [117, Bridge Parapet End]</li> <li>• [118, Bridge/Pier/Abut]</li> <li>• [119, Impact Attenuator/Crash Cushion]</li> <li>• [120, Overhead Sign Post]</li> <li>• [121, Bridge Rail]</li> <li>• [122, Culvert]</li> <li>• [123, Ditch]</li> <li>• [124, Curb]</li> <li>• [125, Embankment]</li> <li>• [126, Fence]</li> <li>• [127, Other Fixed Object]</li> <li>• [128, Overturn/Rollover]</li> <li>• [131, Jackknife]</li> <li>• [140, Cable Barrier]</li> <li>• [141, Concrete Traffic Barrier]</li> <li>• [142, Other Traffic Barrier]</li> <li>• [147, Fire Hydrant]</li> </ul>
Pre-2017	Pending

## Lane Departure Multiple Units (LANEDP2U)

Definition	Indicates whether a multi-unit crash involved a lane departure, based on the First Harmful Event or Manner of Collision of the crash.
Crash Extracts	Not available.
2017-Present	<p>TRUE if TOTUNIT &gt; 1 and (</p> <p>CRSHTYPE matches one of:</p> <ul style="list-style-type: none"> <li>• [106, Motor Veh Tran Other Rdwy]</li> <li>• [107, Other Object - Not Fixed]</li> <li>• [108, Traffic Sign Post]</li> <li>• [109, Traffic Signal]</li> <li>• [110, Utility Pole]</li> <li>• [111, Lum Light Support]</li> <li>• [112, Other Post, Pole or Support]</li> <li>• [113, Tree]</li> <li>• [114, Mailbox]</li> <li>• [115, Guardrail Face]</li> <li>• [116, Guardrail End]</li> <li>• [117, Bridge Parapet End]</li> <li>• [118, Bridge/Pier/Abut]</li> <li>• [119, Impact Attenuator/Crash Cushion]</li> <li>• [120, Overhead Sign Post]</li> <li>• [121, Bridge Rail]</li> <li>• [122, Culvert]</li> <li>• [123, Ditch]</li> <li>• [124, Curb]</li> <li>• [125, Embankment]</li> <li>• [126, Fence]</li> <li>• [127, Other Fixed Object]</li> <li>• [128, Overturn/Rollover]</li> <li>• [131, Jackknife]</li> <li>• [140, Cable Barrier]</li> <li>• [141, Concrete Traffic Barrier]</li> <li>• [142, Other Traffic Barrier]</li> <li>• [147, Fire Hydrant]</li> </ul> <p>or MNRCOLL matches one of:</p> <ul style="list-style-type: none"> <li>• [103, Front To Front]</li> <li>• [105, Sideswipe/Same Direction]</li> <li>• [106, Sideswipe/Opposite Direction]</li> </ul> <p>)</p>
Pre-2017	Pending

### Large Truck Flag (LGTRKFLAG)

Definition	Indicates whether crash involved a large truck, based on vehicle type.
Crash Extracts	Not available.
2017-Present	TRUE if for any Vehicle, VEHTYPE matches one of: <ul style="list-style-type: none"><li>• [119, Straight Truck]</li><li>• [120, Truck Tractor (Trailer Not Attached)]</li><li>• [121, Truck Tractor (Trailer Attached)]</li><li>• [122, Truck Tractor (More Than One Trailer)]</li></ul>
Pre-2017	TRUE if LGTRKFLAG = 'Y' per the MV4000 crash extracts.

## Location Type (LOCTYPE)

Definition	<p>Indicates the type of location at which a crash occurred, where:</p> <ul style="list-style-type: none"> <li>• I – Intersection</li> <li>• N – Non-Intersection</li> <li>• PP – Private Property</li> <li>• PL – Parking Lot</li> </ul>
Crash Extracts	Not available.
2017-Present	<p>If RLTNTRWY = [103, Non-Trafficway – Parking Lot] Then 'PL'</p> <p>Else If: CRSHLOC = [102, Private Property] Then 'PP'</p> <p>Else If: INTTYPE = [101, Not At Intersection] Then 'N'</p> <p>Else If: INTTYPE &gt; 101 Then 'I'</p> <p>Else If: INTDIS &gt; 0 Then 'N'</p> <p>Else: 'I'</p>
Pre-2017	Per ACCDLOC from the MV4000 crash extracts.
Notes	The Intersection Flag (INTRFLAG) was removed in March 2024. Select LOCTYPE = 'I' for the equivalent search condition.

### Motorcycle Flag (MCYCFLAG)

Definition	Indicates whether a motorcycle was involved in a crash.
Crash Extracts	<p>CYCLFLAG is a DT4000 derived element, given by:</p> <p>TRUE if for any Unit:</p> <p>VEHTYPE = [112, Motorcycle]</p> <p>or (UNITTYPE = [3, Motorcycle] and VEHTYPE = [118, Police on Emergency])</p> <p>or (VEHTYPE = [137, Autocycle] and OLICTYPE = 'M')</p>
2017-Present	TRUE if CYCLFLAG = 'Y' per the DT4000 crash extracts.
Pre-2017	TRUE if CYCLFLAG = 'Y' per the MV4000 crash extracts.
Notes	A motorcycle is defined as a vehicle that requires a Class M license to operate.

### Pedestrian Flag (PEDFLAG)

Definition	Indicates whether a pedestrian was involved in a crash.
Crash Extracts	PEDFLAG is a DT4000 derived element, given by: TRUE if for any Unit, UNITTYPE = [7, Pedestrian]
2017-Present	TRUE if PEDFLAG = 'Y' per the DT4000 crash extracts.
Pre-2017	TRUE if PEDFLAG = 'Y' per the MV4000 crash extracts.

## Occupant Protection (OCCPPROT)

Definition	Indicates whether one or more motorists involved in a crash had failed to use occupant protection.
Crash Extracts	NA
2017-Present	TRUE if for any Person: SFTYEQP = [105, None Used - Vehicle Occupant]
Pre-2017	TRUE if for any Person: SFTYEQP = [88, NONE USED-VEHICLE OCCUPANT]
Notes	Includes all occupant restraint types, including seatbelts and child restraints.

### School Bus Flag (BUSFLAG)

Definition	Indicates whether a school bus or motor vehicle functioning as a school bus for a school-related purpose was involved in a crash.
Crash Extracts	BUSFLAG is a DT4000 form element.
2017-Present	TRUE if BUSFLAG matches one of: <ul style="list-style-type: none"><li>• [102, Yes, School Bus Directly Involved]</li><li>• [103, Yes, School Bus Indirectly Involved]</li></ul>
Pre-2017	TRUE if BUSFLAG = 'Y' per the MV4000 crash extracts.

## Speed Flag (SPEEDFLAG)

Definition	Indicates whether speed was a factor in a crash based on the following criteria: the reporting law enforcement officer indicated a driver exceeded the speed limit, was driving too fast for conditions, or a citation was issued.
Crash Extracts	NA
2017-Present	<p>TRUE if for any Person:</p> <p>DRVRFLAG = 'Y' and (</p> <p>DRVRPC[XX] matches one or both:</p> <ul style="list-style-type: none"> <li>• [101, Exceed Speed Limit]</li> <li>• [102, Speed Too Fast/Cond]</li> </ul> <p>or STATNMB[XX] starts with '346.57'</p> <p>)</p>
Pre-2017	<p>TRUE if for any Person:</p> <p>DRVRFLAG = 'Y' and (</p> <p>DRVRPC[XX] matches one or both:</p> <ul style="list-style-type: none"> <li>• [1, EXCEED SPEED LIMIT]</li> <li>• [2, SPEED TOO FAST/COND]</li> </ul> <p>or (STATNMB[1,2] &gt; '346.55 5' and STATNMB[1,2] &lt; '346.59')</p> <p>)</p>
Notes	346.55(5) was repealed in 1983 Act 77. Using 346.57 for the speed flag was found to be sufficient. Note the Community Maps definition differs from the Crash Facts for 2017-2022, which applies the pre-2017 statute number condition.

### Teen Driver Flag (TEENDRVR)

Definition	Indicates whether a crash involved one or more drivers between 13 and 19 years of age regardless of license status.
Crash Extracts	Not available.
2017-Present	TRUE if for any Person: DRVRFLAG = 'Y' and AGE >= 13 and AGE <= 19
Pre-2017	Backfilled per same definition.
Notes	The Teen Driver definition was changed in March 2024 to cover drivers between 13 and 19 years of age. It previously included drivers between 16 and 19 years of age. Prior year flag values have been updated accordingly.

### Train Flag (TRAINFLAG)

Definition	Indicates whether a railway train was involved in a crash.
Crash Extracts	Not available.
2017-Present	TRUE if for any Vehicle: VEHTYPE = [128, Railway Train]
Pre-2017	TRUE if for any Vehicle: VEHTYPE = [18, RAILWAY TRAIN]

## Vulnerable Road User Involved (VRUFLAG)

Definition	Indicates whether a Vulnerable Road User (VRU), defined as any non-motorist road user such as a pedestrian, bicyclist, or individual using a personal conveyance, was involved in a crash.
Crash Extracts	TRUE if for any Person: <ul style="list-style-type: none"><li>• PEDFLAG = 'Y' OR BIKEFLAG = 'Y'</li></ul>
2025-Present	TRUE if VRUFLAG = 'Y' per the DT4000 extracts.
2017-2024	Per the Crash Extracts definition.
Pre-2025	Not available.
Notes	VRUFLAG added to the DT4000 crash extracts in 2025. Community Maps backfilled to 2017.

## Winter Road Flag (WNTRROAD)

Definition	Indicates whether a crash occurred on a winter road based on the following: the Road Surface Conditions were reported as ice, slush, or snow.
Crash Extracts	Not available.
2017-Present	TRUE if RDCOND[XX] matches one or more: <ul style="list-style-type: none"><li>• [103, Snow]</li><li>• [104, Slush]</li><li>• [105, Ice]</li></ul>
Pre-2017	Not available.
Notes	The Pre-2017 MV4000 HWYPC[XX] element combined SNOW/ICE/WET into one attribute.

### Work Zone Flag (CONSZONE)

Definition	Indicates whether a crash occurred in a construction, maintenance, or utility work zone or was related to activity within a work zone.
Crash Extracts	CONSZONE is a DT4000 form element.
2017-Present	TRUE if CONSZONE = 'Y' per the DT4000 crash report
Pre-2017	TRUE if CONSZONE = 'Y' per the MV4000 extracts

## Wrong Way Driver Involved (WWDRVR)

Definition	Indicates whether a wrong side or wrong way driver action was a factor in a crash, based on the judgment of the reporting law enforcement officer. This flag includes all crashes that meet this criterion. In particular, it is not limited to crashes on divided highways or freeways; it applies to any roadway where a wrong side or wrong way action was identified.
Crash Extracts	TRUE if for any Person: <ul style="list-style-type: none"> <li>• DRVRFLAG = TRUE</li> <li>• AND for any XX: DRVRPC[XX] = [115, WW]</li> </ul>
2025-Present	TRUE if WWDRVR = 'Y' per the DT4000 extracts
2017-2024	Per the Crash Extracts definition.
Pre-2025	Not available
Notes	WWDRVR added to the DT4000 crash extracts starting in 2025. Community Maps backfilled to 2107.

### 65+ Driver Flag (65+DRVR)

Definition	Indicates whether a crash involved one or more drivers of age 65 years or older.
Crash Extracts	Not available.
2017-Present	TRUE if for any Person: DRVRFLAG = 'Y' and AGE >= 65
Pre-2017	Backfilled per same definition

### Section 3: Revision History

Date	Author	Description
3/3/2026	Parker	Added three new flags: <ul style="list-style-type: none"> <li>• HRSDRWN – Horse Drawn Involved</li> <li>• WWDRVR – Wrong Way Driver Involved</li> <li>• VRUFLAG – Vulnerable Road User Involved</li> </ul>
6/5/2024	Parker	Renamed the distracted driver flag property from DISTRCTD to DISTDRVR.
3/11/2024	Parker	Initial version of the Technical Definitions document. The Community Maps crash flag values have been modified in some cases to align with the definitions in this document. Specifically: <ul style="list-style-type: none"> <li>• The Teen Driver flag definition has been revised to include all drivers between 13 and 19 years of age regardless of license status. All prior year flag values have been backfilled to match the new definition.</li> <li>• Limited the Speed Flag statute number comparison to the 346.57 series. Prior year flag values from 2017 to present have been backfilled to match the new definition.</li> <li>• Added a Large Truck Flag based on vehicle type, which provides a general purpose flag for large truck safety analysis. The CMV flag is still available for commercial motor vehicle enforcement purposes.</li> <li>• New flags have been added intermittently, including Hit and Run and Winter Road flags.</li> <li>• Intersection Flag has been removed. The new Location Type filter provides generalized functionality.</li> <li>• Minor corrections to flag values from 2010 to present have been applied to align all crash flags to the technical definitions in this document.</li> </ul>