

APPENDIX F: CRASH TYPING DEFINITIONS

Contained in this appendix are several tables with definitions for the bicyclist and pedestrian crash types. In addition, there are also tables with definitions for other fields that are completed during the crash typing process (e.g., crash location, pedestrian position, and bicyclist position and direction).

Table 8. Pedestrian Crash Location Definitions

Crash_Location_Desc (Crash Location)	Crash_Location (Crash Location)	Definition
Intersection	1	The crash occurred within the intersection proper or within the crosswalk area. Note: Driveways controlled by signals or signs should be coded as intersections. Uncontrolled driveways should be coded as nonintersection locations.
Intersection-Related	4	The crash occurred outside the intersection crosswalk area but within 15 m (50 ft) of the intersection.
Nonintersection	2	The crash occurred on or along the roadway and more than 15 m (50 ft) away from an intersection.
Nonroadway	3	The crash occurred off the roadway, including parking lots, driveways, private roads, yards, alleys, and other open areas. Note: Crashes occurring on paved shoulders, sidewalks, or driveway crossings are considered to be "roadway" crashes and should not be placed in the nonroadway classification.
Unknown	9	There is insufficient information to determine where the crash occurred.
Pedestrian Position Definitions		
Pedestrian_Position_Desc (Pedestrian Position Description)	Pedestrian_Position (Pedestrian Position)	Definition
Intersection	1	Within intersection proper
Crosswalk area	2	Within a crosswalk, marked or unmarked
Travel Lane	3	On a roadway, in a travel lane
Paved Shoulder/Bike Lane/Parking Lane	4	On a roadway, in a paved shoulder or bike lane, or parking lane
Sidewalk/Shared-Use Path/Driveway Crossing	5	On a sidewalk, shared-use path, or driveway crossing
Unpaved Right-of-Way	6	Other road right-of-way (unpaved shoulder, etc.)
Driveway/Alley	7	On a driveway or alley
Nonroadway—Parking lot/Other	8	Other nonroadway areas (parking lot, non-right-of-way sidewalk or multi-use path, yard, open areas, etc.)
Other/Unknown	9	Other/unknown

Table 9. Bicyclist Crash Location Definitions

Crash_Location_Desc (Crash Location)	Crash_Location (Crash Location)	Definition
		Where did the crash occur?
Intersection	1	<u>Intersection</u> —The crash occurred within the intersection proper or within the crosswalk area. Note: Driveways are considered to be nonintersection locations. The exception is signalized commercial driveways which should be coded as intersections.
Intersection-Related	2	<u>Intersection-Related</u> —The crash occurred outside the intersection proper or crosswalk area but was the related to the presence of the intersection (e.g., the result of queueing traffic).
Nonintersection	3	<u>Nonintersection Location</u> —The crash occurred outside the intersection proper or crosswalk area and was not related to the presence of any intersection.
Nonroadway	4	<u>Nonroadway Location</u> —The crash occurred off the street network; this includes parking lots, driveways, alleys, and other open areas. Note: crashes occurring on paved shoulders, sidewalks, or driveway crossings are considered to be "roadway" crashes and should not be placed in the nonroadway classification.
Unknown Location	9	<u>Unknown/Insufficient Information</u> —There is insufficient information to determine where the crash occurred.
Bicyclist Position Definitions		
Bicyclist_Position_Desc (Bicyclist Position)	Bicyclist_Position (Bicyclist Position)	Definition
Travel Lane	1	On a roadway, in a shared travel lane
Bike Lane/Paved Shoulder	2	On a roadway, in a bicycle lane or on a paved shoulder
Sidewalk/Crosswalk/Driveway Crossing	3	On a sidewalk, crosswalk, or driveway crossing
Driveway/Alley	4	On a separate bicycle/multi-use path
Multi-use Path	5	On a driveway or alley
Nonroadway	6	Other nonroadway areas (parking lot, open areas, etc.)
Other	8	Other (e.g., unpaved shoulder, worn path, etc.)
Unknown	9	Unknown

Table 9. Bicyclist Crash Location Definitions (continued)

Bicyclist Direction Definitions		
Bicyclist_Direction_Desc (Bicyclist Direction)	Bicyclist_Direction (Bicyclist Direction)	Definition
With Traffic	1	With traffic
Facing Traffic	2	Facing traffic
Not Applicable	3	Not applicable (e.g., exiting a driveway, parking lot, or other nonroadway area)
Unknown	9	Unknown

Table 10. Pedestrian Crash Type Definitions

Crash_Type_Basic (Crash Type Number)	Crash_Type_Description (Crash Type Description)	Definition
110	Assault with Vehicle	The driver intentionally struck the pedestrian with the vehicle.
120	Dispute-Related	The pedestrian was struck by a vehicle during a domestic altercation or other dispute.
130	Pedestrian on Vehicle	The pedestrian was sitting on, leaning against, or clinging to a vehicle which began to move or was moving.
140	Vehicle-Vehicle/Object	The pedestrian was struck as a result of a prior vehicle-into-vehicle or vehicle-into-object crash.
150	Motor Vehicle Loss of Control	Vehicle lost control due to mechanical failure, surface conditions, driver error or impairment.
160	Pedestrian Loss of Control	The pedestrian stumbled, fell, or rolled into path of vehicle due to surface conditions, impairment or other mishap.
190	Other Unusual Circumstances	The crash involved other unusual circumstances, such as a pedestrian being struck by falling cargo or a loose wheel.
211	Backing Vehicle— Driveway	The pedestrian was struck in a driveway by a vehicle that was backing with a driver at the controls.
212	Backing Vehicle— Driveway/Sidewalk Intersection	The pedestrian was struck in a driveway/sidewalk intersection by a vehicle that was backing with a driver at the controls.
213	Backing Vehicle— Roadway	The pedestrian was struck in a roadway by a vehicle that was backing with a driver at the controls.
214	Backing Vehicle—Parking Lot	The pedestrian was struck in a parking lot by a vehicle that was backing with a driver at the controls.
219	Backing Vehicle— Other/Unknown	The pedestrian was struck in another or unknown location by a vehicle that was backing with a driver at the controls.
220	Driverless Vehicle	The pedestrian was struck by a vehicle that was moving without a driver at the controls or that was set in motion by the actions of a child.

Table 10. Pedestrian Crash Type Definitions (continued)

Crash_Type_Basic (Crash Type Number)	Crash_Type_Description (Crash Type Description)	Definition
230	Disabled Vehicle-Related	The pedestrian was struck while near or next to a disabled vehicle (including a vehicle that had been in a crash) or while walking to or from a disabled vehicle. Note: Crashes involving pedestrians standing near tow trucks responding to the disabled vehicle are also included in this crash type.
240	Emergency Vehicle-Related	The pedestrian was struck while near an active emergency vehicle, by an active emergency vehicle, or by a vehicle being pursued.
250	Play Vehicle-Related	The pedestrian was struck while riding a play vehicle that was not a bicycle (e.g., skates, scooter, wagon, sled, etc.).
311	Working in Roadway	The pedestrian was working in the roadway when struck.
312	Playing in Roadway	The pedestrian was playing in the roadway when struck.
313	Lying in Roadway	The pedestrian was lying in the roadway when struck.
320	Entering/Exiting Parked Vehicle	The pedestrian was in the process of getting into or out of a stopped or parked vehicle. Note: Does not include crashes involving pedestrian crossing or other movements that occurred after the pedestrian exited the vehicle.
330	Mailbox-Related	Going to/from or standing at a mailbox or newspaper box.
341	Commercial Bus-Related	The pedestrian was struck crossing in front of a commercial bus stopped at a marked bus stop.
342	School Bus-Related	The pedestrian was struck going to or from or waiting at a school bus or school bus stop.
360	Ice Cream/Vendor Truck-Related	The pedestrian was struck going to or from an ice cream truck or other type of vehicle vending from the curb or roadside.
410	Walking Along Roadway With Traffic—From Behind	The pedestrian was walking/running along the roadway with traffic and was struck from behind.
420	Walking Along Roadway With Traffic—From Front	The pedestrian was walking/running along the roadway with traffic and was struck from the front.
430	Walking Along Roadway Against Traffic—From Behind	The pedestrian was walking/running along the roadway against traffic and was struck from behind.

Table 10. Pedestrian Crash Type Definitions (continued)

Crash_Type_Basic (Crash Type Number)	Crash_Type_Description (Crash Type Description)	Definition
440	Walking Along Roadway Against Traffic—From Front	The pedestrian was walking/running along the roadway against traffic and was struck from the front.
459	Walking Along Roadway—Direction/Position Unknown	The pedestrian was walking/running along the roadway, but there is insufficient information to determine either the position or direction of the pedestrian at the time of the crash.
460	Motorist Entering Driveway or Alley	The motor vehicle was turning into a driveway or alley and struck the pedestrian on a sidewalk/walkway or driveway crossing.
465	Motorist Exiting Driveway or Alley	The motor vehicle was exiting a driveway or alley and struck the pedestrian on a sidewalk/walkway or driveway crossing.
469	Driveway Crossing—Other/Unknown	The pedestrian was on a driveway intersection when struck but there were other or unknown circumstances surrounding the crash from those described .
510	Waiting to Cross—Vehicle Turning	The pedestrian was standing near the curb or roadway edge and waiting to cross the roadway when struck by a turning vehicle.
520	Waiting to Cross—Vehicle Not Turning	The pedestrian was standing near the curb or roadway edge and waiting to cross the roadway when struck by a vehicle that was not turning.
590	Waiting to Cross—Vehicle Action Unknown	The pedestrian was standing near the curb or roadway edge and waiting to cross the roadway when struck by a vehicle, but it could not be determined if the vehicle was turning or not.
610	Standing in Roadway	The pedestrian was standing in the roadway prior to the crash, but the crash cannot be further classified.
620	Walking in Roadway	The pedestrian was walking in the roadway prior to the crash, but the crash cannot be further classified.
680	Nonintersection—Other/Unknown	The crash occurred at a nonintersection location, but the actions of the pedestrian prior to the crash cannot be determined.
690	Intersection—Other/Unknown	The crash occurred at an intersection, but the actions of the pedestrian prior to the crash cannot be determined or it cannot be determined who failed to yield.

Table 10. Pedestrian Crash Type Definitions (continued)

Crash_Type_Basic (Crash Type Number)	Crash_Type_Description (Crash Type Description)	Definition
710	Multiple Threat	The pedestrian entered the traffic lane in front of stopped or slowing traffic and was struck by a vehicle traveling in the same direction as the stopped or slowing traffic.
730	Trapped	The pedestrian was struck while crossing at a signalized intersection or signalized mid-block crossing when the light changed and traffic started moving.
741	Dash	The pedestrian ran into the roadway and was struck by a vehicle whose view of the pedestrian was not obstructed.
742	Dart-Out	The pedestrian walked or ran into the roadway and was struck by a motorist whose view of the pedestrian was blocked until an instant before impact.
760	Pedestrian Failed to Yield	The pedestrian failed to yield to the motorist.
770	Motorist Failed to Yield	The motorist failed to yield to the pedestrian.
781	Motorist Left Turn— Parallel Paths	The motorist was initially traveling on a parallel path with the pedestrian before making a left turn and striking the individual.
782	Motorist Left Turn— Perpendicular Paths	The motorist was initially traveling on a crossing path with the pedestrian before making a left turn and striking the individual.
791	Motorist Right Turn— Parallel Paths	The motorist was initially travelling on a parallel path with the pedestrian before making a right turn and striking the individual
792	Motorist Right Turn on Red—Parallel Paths	The motorist was initially traveling on a parallel path with the pedestrian before making a right turn on a red signal, and striking the individual.
794	Motorist Right Turn on Red—Perpendicular Paths	The motorist was initially traveling on a crossing path with the pedestrian before making a right turn on a red signal, and striking the individual.
795	Motorist Right Turn— Perpendicular Paths	The motorist was initially travelling on a crossing path with the pedestrian before making a right turn and striking the individual.
799	Motorist Turn/Merge— Other/Unknown	The motorist turned or merged, but either the approach paths or turn direction are unknown or do not fit with any of the described circumstances.
830	Off Roadway—Parking Lot	The motor vehicle struck a pedestrian in a parking lot.
890	Off Roadway— Other/Unknown	The motor vehicle struck a pedestrian off the roadway, but there were other or unknown circumstances surrounding the crash.

Table 10. Pedestrian Crash Type Definitions (*continued*)

Crash_Type_Basic (Crash Type Number)	Crash_Type_Description (Crash Type Description)	Definition
900	Other—Unknown Location	There is insufficient information to determine where the crash occurred.
910	Crossing an Expressway	The pedestrian was crossing a limited access expressway or expressway ramp.

Table 11. Pedestrian Crash Group Definitions

Crash_Group_Basic (Crash Group Number)	Crash_Group_Desc (Crash Group Description)	Definition
100	Unusual Circumstances	The crash involved a disabled vehicle, emergency vehicle or vehicle in pursuit, play vehicle, driverless vehicle, or the pedestrian was struck intentionally, was clinging to a vehicle, or was struck as a result of other unusual circumstances.
200	Backing Vehicle	The pedestrian was struck by a vehicle that was backing at the time.
310	Working or Playing in Roadway	The pedestrian was working or playing in the roadway.
340	Bus-Related	The pedestrian was struck while crossing/walking to a bus or bus stop or while waiting at a bus stop.
350	Unique Midblock	The crash was associated with a vendor truck, mailbox, or other roadside 'destination' that was not a bus, or the pedestrian was struck while entering or exiting a parked vehicle.
400	Walking Along Roadway	The pedestrian was standing or walking along the roadway on the edge of a travel lane, or on a shoulder or sidewalk.
460	Crossing Driveway or Alley	The pedestrian was crossing a driveway on a sidewalk crossing, shared-use path, shoulder, or edge of the travel lane.
500	Waiting to Cross	The pedestrian was standing on the curb or near the roadway edge waiting to cross the roadway when struck.
600	Pedestrian in Roadway— Circumstances Unknown	The pedestrian was standing, walking, or lying in the road right-of-way at an intersection or midblock location but the circumstances do not otherwise fit any previously described or are unknown.
720	Multiple Threat/Trapped	The pedestrian entered the roadway on a green signal or in front of standing or slowing traffic and was trapped when the signal changed and traffic started moving or was struck by a vehicle traveling in the same direction as the stopped traffic. Note: Multiple threat may occur at nonsignalized locations.
740	Dash/Dart-Out	The pedestrian either ran into the roadway in front of a motorist whose view of the pedestrian was not obstructed or walked or ran into the road and was struck by a motorist whose view of the pedestrian was blocked until an instant before impact.

Table 11. Pedestrian Crash Group Definitions (continued)

Crash_Group_Basic (Crash Group Number)	Crash_Group_Desc (Crash Group Description)	Definition
750	Crossing Roadway— Vehicle Not Turning	The pedestrian was struck while crossing the roadway (not an expressway) by a vehicle that was traveling straight through.
790	Crossing Roadway— Vehicle Turning	The pedestrian was struck while crossing a non-expressway road by a vehicle that was turning or about to turn.
800	Off Roadway	The pedestrian was struck in a parking lot, driveway, open area or other or unknown, nonroadway area (vehicle not backing).
910	Crossing Expressway	The pedestrian was on an expressway or expressway ramp when struck by a motor vehicle.
990	Other/Unknown— Insufficient Details	The circumstances do not clearly fit any of the situations described or are unknown.

Table 12. Bicyclist Crash Type Definitions

Crash_Type_Basic (Crash Type Number)	Crash_Type_Desc (Crash Type Description)	Definition
111	Motorist Turning Error—Left Turn	The motorist made a left turn, cut the corner and entered the opposing traffic lane.
112	Motorist Turning Error—Right Turn	The motorist made a right turn, swung too wide and entered the opposing traffic lane.
113	Motorist Turning Error—Other	The motorist made another type of turning error which led them into the path of the bicyclist.
114	Bicyclist Turning Error—Left Turn	The bicyclist made a left turn, cut the corner and entered the opposing traffic lane.
115	Bicyclist Turning Error—Right Turn	The bicyclist made a right turn, swung too wide and entered the opposing traffic lane.
116	Bicyclist Turning Error—Other	The bicyclist made another type of turning error which led them into the path of the motorist.
121	Bicyclist Lost Control—Mechanical Problems	The bicyclist lost control due to mechanical problems.
122	Bicyclist Lost Control—Oversteering, Improper Braking, Speed	The bicyclist lost control due to oversteering, improper braking, or speed too fast for conditions.
123	Bicyclist Lost Control—Alcohol/Drug Impairment	The bicyclist lost control due to alcohol or drug impairment.
124	Bicyclist Lost Control—Surface Conditions	The bicyclist lost control due to surface conditions (sand, debris, potholes, ice, etc.).
129	Bicyclist Lost Control—Other/Unknown	The bicyclist lost control due to other or unknown circumstances.
131	Motorist Lost Control—Mechanical Problems	The motorist lost control due to mechanical problems.
132	Motorist Lost Control—Oversteering, Improper Braking, Speed	The motorist lost control due to oversteering, improper braking, or speed too fast for conditions.

Table 12. Bicyclist Crash Type Definitions (continued)

Crash_Type_Basic (Crash Type Number)	Crash_Type_Desc (Crash Type Description)	Definition
133	Motorist Lost Control— Alcohol/Drug Impairment	The motorist lost control due to alcohol or drug impairment.
134	Motorist Lost Control—Surface Conditions	The motorist lost control due to surface conditions (potholes, ice, etc.).
139	Motorist Lost Control— Other/Unknown	The motorist lost control due to other or unknown circumstances.
141	Motorist Drive-out Sign- Controlled Intersection	The motorist was facing the sign or flashing signal and drove into the crosswalk area or intersection and collided with the bicyclist after stopping or yielding.
142	Bicyclist Ride-out—Sign- Controlled Intersection	The bicyclist was facing the sign or flashing signal and rode into the intersection and collided with the motorist after stopping or yielding.
143	Motorist Drive-through—Sign- Controlled Intersection	The motorist violated the sign or flashing signal and drove into the crosswalk area or intersection and collided with the bicyclist.
144	Bicyclist Ride Through Sign- Controlled Intersection	The bicyclist violated the sign or flashing signal and rode into the intersection and collided with the motorist.
147	Multiple Threat—Sign- Controlled Intersection	The bicyclist entered a sign-controlled intersection in front of standing or slowing traffic and was struck by another vehicle whose view of the bicyclist was blocked.
148	Sign-Controlled Intersection— Other/Unknown	The crash occurred at a sign-controlled intersection but cannot be further classified.
151	Motorist Drive-out—Right Turn on Red	The motorist was facing a red signal, stopped, and then drove into the crosswalk area or intersection and collided with the bicyclist while attempting to make a right turn on red.
152	Motorist Drive-out—Signalized Intersection	The motorist was facing a red signal, stopped, and then drove into the crosswalk area or intersection and collided with the bicyclist.
153	Bicyclist Ride-out—Signalized Intersection	The bicyclist was facing the red signal, stopped, and then rode into the intersection and collided with the motorist.
154	Motorist Drive-through— Signalized Intersection	The motorist violated the signal and drove into the crosswalk area or intersection and collided with the bicyclist.

Table 12. Bicyclist Crash Type Definitions (continued)

Crash_Type_Basic (Crash Type Number)	Crash_Type_Desc (Crash Type Description)	Definition
155	Bicyclist Ride Through— Signalized Intersection	The bicyclist violated the signal and rode into the intersection and collided with the motorist.
156	Bicyclist Failed to Clear— Trapped	The bicyclist lawfully entered the intersection on green but did not clear the intersection before the signal changed to green for the cross-street traffic and was struck by a vehicle whose view was not obstructed by standing or stopped traffic.
157	Bicyclist Failed to Clear— Multiple Threat	The bicyclist lawfully entered the intersection on green but did not clear the intersection before the signal changed to green for the cross-street traffic and was struck by a motorist whose view of the bicyclist was obstructed by standing or stopped traffic.
158	Signalized Intersection— Other/Unknown	The crash occurred at a signal-controlled intersection but cannot be further classified.
159	Bicyclist Failed to Clear— Unknown	The bicyclist failed to clear the intersection and was struck by a motorist, but it is unknown whether the bicyclist was trapped in the intersection by a signal change or if there was a multiple threat situation or other circumstances surrounding the crash.
160	Crossing Paths—Uncontrolled Intersection	The crash occurred at an intersection not controlled by signs or signals.
180	Crossing Paths—Intersection— Other/Unknown	The crash involved a bicyclist and motorist on initial crossing paths but cannot be further classified.
211	Motorist Left Turn—Same Direction	The motorist turned left in front of a bicyclist going in the same direction.
212	Motorist Left Turn—Opposite Direction	The motorist turned left in front of a bicyclist coming from the opposite direction.
213	Motorist Right Turn—Same Direction	The motorist turned right in front of a bicyclist going in the same direction.
214	Motorist Right Turn—Opposite Direction	The motorist turned right in front of a bicyclist coming from the opposite direction.
215	Motorist Drive-in/Out—Parking	The motorist struck the bicyclist while exiting or entering on-street parking.

Table 12. Bicyclist Crash Type Definitions (continued)

Crash_Type_Basic (Crash Type Number)	Crash_Type_Desc (Crash Type Description)	Definition
216	Bus/Delivery Vehicle Pullover	The bicyclist was struck by a bus or delivery vehicle pulling into or away from the curb.
217	Motorist Right Turn on Red— Same Direction	The bicyclist and motorist were initially traveling on parallel paths when the motorist turned right on red in front of a bicyclist traveling in the same direction as the motorist.
218	Motorist Right Turn on Red— Opposite Direction	The bicyclist and motorist were initially traveling on parallel paths when the motorist turned right on red in front of a bicyclist traveling in the opposite direction as the motorist.
219	Motorist Turn/Merge— Other/Unknown	The motorist's turning maneuver is other than those described or is unknown.
221	Bicyclist Left Turn—Same Direction	The bicyclist turned or merged left in front of a motorist going in the same direction.
222	Bicyclist Left Turn—Opposite Direction	The bicyclist turned or merged left in front of a motorist coming from the opposite direction.
223	Bicyclist Right Turn—Same Direction	The bicyclist turned or merged right in front of a motorist going in the same direction.
224	Bicyclist Right Turn—Opposite Direction	The bicyclist turned or merged right in front of a motorist coming from the opposite direction.
225	Bicyclist Ride-out—Parallel Path	The bicyclist, initially on a sidewalk or other parallel path, rode into the roadway and into the path of a motor vehicle.
231	Motorist Overtaking— Undetected Bicyclist	The motorist was overtaking the bicyclist and failed to detect the bicyclist.
232	Motorist Overtaking— Misjudged Space	The motorist was overtaking the bicyclist and misjudged the width and distance required to pass the bicyclist.
235	Motorist Overtaking—Bicyclist Swerved	The bicyclist swerved or moved suddenly into the path of an overtaking vehicle.
239	Motorist Overtaking— Other/Unknown	The motorist was overtaking the bicyclist, but the specific circumstances surrounding the overtaking maneuver do not conform to the other situations described or are unknown.

Table 12. Bicyclist Crash Type Definitions (continued)

Crash_Type_Basic (Crash Type Number)	Crash_Type_Desc (Crash Type Description)	Definition
241	Bicyclist Overtaking—Passing on Right	The bicyclist struck a motor vehicle in the travel lane while passing on the right.
242	Bicyclist Overtaking—Passing on Left	The bicyclist struck a motor vehicle in the travel lane while passing on the left.
243	Bicyclist Overtaking—Parked Vehicle	The bicyclist struck a parked vehicle while passing.
244	Bicyclist Overtaking—Extended Door	The bicyclist struck an extended door on a parked vehicle while passing.
249	Bicyclist Overtaking—Other/Unknown	The specific circumstances surrounding the overtaking maneuver of the bicyclist do not conform to any of the situations described or are unknown.
250	Head-On—Bicyclist	The bicyclist was traveling the wrong way/wrong side and the two parties collided head-on.
255	Head-On—Motorist	The motorist was traveling the wrong way/wrong side and the two parties collided head-on.
259	Head-On—Unknown	The two parties collided head-on but it is unknown which party was traveling on the wrong side.
280	Parallel Paths—Other/Unknown	The crash involved a bicyclist and motorist on initial parallel paths but cannot be further classified.
311	Bicyclist Ride-out—Residential Driveway	The bicyclist rode into the roadway and into the path of a motor vehicle from a residential driveway.
312	Bicyclist Ride-out—Commercial Driveway/Alley	The bicyclist rode into the roadway and into the path of a motor vehicle from a commercial driveway or alley.
318	Bicyclist Ride-out—Other Midblock	The bicyclist rode into the roadway and into the path of a motor vehicle from a midblock area other than a driveway or alley.
319	Bicyclist Ride-out—Midblock—Unknown	The bicyclist rode into the roadway and into the path of a motor vehicle from an unknown midblock location.
321	Motorist Drive-out—Residential Driveway	The motorist drove into the roadway or sidewalk/driveway crossing area and into the path of a bicyclist from a residential driveway.

Table 12. Bicyclist Crash Type Definitions (continued)

Crash_Type_Basic (Crash Type Number)	Crash_Type_Desc (Crash Type Description)	Definition
322	Motorist Drive-out— Commercial Driveway/Alley	The motorist drove into the roadway or sidewalk/driveway crossing area and into the path of a bicyclist from a commercial driveway or alley.
328	Motorist Drive-out—Other Midblock	The motorist drove into the roadway or sidewalk/driveway crossing area and into the path of a bicyclist from a midblock area other than a driveway or alley.
329	Motorist Drive-out— Midblock—Unknown	The motorist drove into the roadway or sidewalk/driveway crossing area and into the path of a bicyclist an unknown midblock area.
357	Multiple Threat—Midblock	The bicyclist entered the roadway in front of standing or slowing traffic at a mid-block location and was struck by a motorist traveling in the same direction as the stopped traffic, and whose view of the bicyclist was blocked.
380	Crossing Paths—Midblock— Other/Unknown	The crash involved a bicyclist and motorist on initial crossing paths at a midblock location but cannot be further classified.
400	Bicycle Only	The crash involved a bicycle but no motor vehicle.
510	Motorist Intentionally Caused	The motorist intentionally caused the crash.
520	Bicyclist Intentionally Caused	The bicyclist intentionally caused the crash.
600	Backing Vehicle	The crash involved a motor vehicle that was backing and did not involve a play vehicle.
700	Play Vehicle-Related	The bicyclist was riding a child's vehicle such as a tricycle (not an adult tricycle), bicycle with training wheels, or "Big Wheel" type tricycle.
800	Unusual Circumstances	There were other unusual circumstances not defined above (e.g., bicyclist struck by falling cargo).
910	Nonroadway	The crash occurred off the street network (e.g., parking lots, driveways, alleys, trails, and other open areas). Note: crashes occurring on paved shoulders, bike lanes, sidewalks, or driveway crossings are considered to be "roadway" crashes and should not be placed in the nonroadway classification.
970	Unknown Approach Paths	There is insufficient information to determine the initial approach paths for the two vehicles.
980	Unknown Location	There is insufficient information to determine where the crash occurred.

Table 13. Bicyclist Crash Group Definitions

Crash_Group_Basic (Crash Group Number)	Crash_Group_Desc (Crash Group Description)	Definition
110	Loss of Control/Turning Error	Either the motorist or the bicyclist lost control of their vehicle or made a turning error and inadvertently moved into the path of the other operator. Note: Includes loss of control due to mechanical problems or operator error, or turning errors such as traveling into the opposing lane.
140	Motorist Failed to Yield—Sign-Controlled Intersection	The motorist drove into the crosswalk area or intersection and collided with the bicyclist. The motorist either violated the sign or did not properly yield right-of-way to the bicyclist. Note: Crashes at traffic circles or roundabouts with yield control are included here.
145	Bicyclist Failed to Yield—Sign-Controlled Intersection	The bicyclist rode into the intersection and collided with the motorist. The bicyclist either violated the sign or did not properly yield right-of-way to the motorist. Note: Crashes at traffic circles or roundabouts with yield control are included here.
150	Motorist Failed to Yield—Signalized Intersection	The motorist drove into the crosswalk area or intersection and collided with the bicyclist. The motorist either violated the signal or did not properly yield right-of-way to the bicyclist.
158	Bicyclist Failed to Yield—Signalized Intersection	The bicyclist rode into the intersection and collided with the motorist. The bicyclist either violated the signal or did not properly yield right-of-way to the motorist.
190	Crossing Paths—Other Circumstances	The bicyclist and motorist were on initial crossing paths, but the crash cannot be further classified.
210	Motorist Left Turn/Merge	The motorist made a left turn or merge into the path of a bicyclist traveling in the same or opposite direction.
215	Motorist Right Turn/Merge	The motorist made a right turn or merge into the path of a bicyclist traveling in the same or opposite direction.
219	Parking/Bus-Related	The bicyclist was struck by a motorist entering or exiting a parking space or by a bus or delivery vehicle pulling into or away from the curb.
220	Bicyclist Left Turn/Merge	The bicyclist made a left turn or merge into the path of a motor vehicle traveling in the same or opposite direction.

Table 13. Bicyclist Crash Group Definitions (continued)

Crash_Group_Basic (Crash Group Number)	Crash_Group_Desc (Crash Group Description)	Definition
225	Bicyclist Right Turn/Merge	The bicyclist made a right turn or merge into the path of a motor vehicle traveling in the same or opposite direction.
230	Motorist Overtaking Bicyclist	The motorist was overtaking the bicyclist at the time of the crash.
240	Bicyclist Overtaking Motorist	The bicyclist was overtaking the motorist at the time of the crash. Note: This group includes crashes involving bicyclists striking parked cars or extended doors.
258	Head-On	Either operator was going the wrong way, and the two parties collided head-on.
290	Parallel Paths—Other Circumstances	The bicyclist and motorist were on initial parallel paths, but the crash cannot be further classified.
310	Bicyclist Failed to Yield— Midblock	The bicyclist rode into the street from a nonintersection location (including residential or commercial driveway or other midblock location) without yielding to the motorist.
320	Motorist Failed to Yield— Midblock	The motorist drove across the sidewalk or into the street from a nonintersection location (including residential or commercial driveway or other midblock location) without yielding to the bicyclist.
600	Backing Vehicle	The motorist was backing up at the time the crash occurred.
850	Other/Unusual Circumstances	There were unusual circumstances surrounding the crash, but the crash cannot be further classified.
910	Nonroadway	The crash occurred off the road network such as in a parking lot, driveway, on a multi-use path separated from the road right-of-way, in an open grassy area or yard, etc.
990	Other/Unknown— Insufficient Details	There is insufficient information to determine where the crash occurred.

