

MMU CC #	MMUCC Field	MMUCC Codes	Iowa Form Field	IA Form Codes – MMUCC	IA Form Codes – Non-MMUCC
C1	Crash Case Identifier		Law Enforcement Case Number – (Iowa uses for Local Number but other state could use for a State Number)		
C10	Date and Time Crash Reported to Police Agency		Time Officer Notified of Accident		
C11	Weather Conditions	Clear Cloudy Fog, smog, smoke Rain Sleet, hail Snow Severe crosswinds Blowing sand, soil, dirt, snow Other Not reported Unknown	Weather Conditions	01 – Clear 03 – Cloudy 04 – Fog, smoke 06 – Rain 07 – Sleet, hail, freezing rain 08 - Snow 09 – Severe winds 10 – Blowing sand, soil, dirt, snow, 88 – Other Database driven - not a form field 99 - Unknown	02 – Partly Cloudy 05 - Mist
C12	Ambient Light	Daylight Dawn Dusk Dark – lighted roadway Dark – roadway not lighted Dark – unknown roadway lighting Other Not reported	Light Conditions	1 – Daylight 3 – Dawn 2 – Dusk 4 – Dark, roadway lighted 5 - Dark, roadway not lighted 6 – Dark, unknown roadway lighting Believe all situations in Iowa are covered by above codes. When other is not used it is to get a more definite description. Database driven - not a form field	

		Unknown		9 - Unknown	
C13	Road Surface Condition	Dry Wet Snow Ice Sand, mud, dirt, oil, gravel Water Slush Other Not reported Unknown	Surface Condition	1 - Dry 2 - Wet 4 - Snow 3 - Ice 6 - Sand, mud, dirt, oil, gravel 7 - Water (standing, moving) 5 - Slush 8 - Other (explain in narrative) Database driven - not a form field 9 - Unknown	
C14	Contributing Circumstances - Environment	None Weather conditions Physical obstruction Glare Animal in roadway Other Not reported Unknown	Major Contributing Circumstance - Environment	1 - None apparent 2 - Weather conditions 3 - Physical obstruction 5 - Glare 6 - Animal in roadway 8 - Other Database driven - not a form field 9 - Unknown	4 - Pedestrian Action 7 - Previous accident
C15	Contributing Circumstances - Roadway	None Road surface condition Debris Ruts, holes, bumps Work zone Worn, travel-polished surface Obstruction in roadway Traffic control device inoperative, missing or obscured Shoulders (none, low, soft, high) Non-highway work Other Not reported	Major Contribution Circumstance - Roadway	01 - None apparent 02 - Road surface condition 03 - Debris 04 - Ruts, holes, bumps 05 - Work Zone 06 - Worn, travel-polished surface 07 - Obstruction in roadway 08 - Traffic control device inoperative, missing or obscured 09 - Shoulders (none, low, soft, high) 10 - Non-highway work When other is not used it is to get a more definite description. Database driven - not a form field	11 - Non-contact vehicle

		Unknown		99 - Unknown	
C16	Type of Roadway Junction	<p>Not at junction Four-way intersection T-intersection Y-intersection Traffic circle/roundabout Five-point, or more On ramp Off ramp Crossover Driveway</p> <p>Railway grade crossing Shared-use paths or trails Not reported Unknown</p>	Type of Roadway Junction/Feature	<p>01 - No Special feature 11 - Four-way intersection 12 - T-intersection 13 - Y-intersection Have few in Iowa 14 - Five-leg or more 19 - On ramp 20 - Off ramp 07 - Crossover in median 04 - Business drive 05 - Farm/residential drive</p> <p>03 - Railroad crossing 21 - With bike/pedestrian path</p> <p>Database driven - not a form field 99 - Unknown</p>	<p>02 - Bridge/overpass/underpass 06 - Alley intersection 08 - Other non-intersection 15 - Offset four-way intersection 16 - Intersection with ramp 17 - On ramp merge area 18 - Off-ramp diverge area 22 - Other intersection</p>
C17	School Bus Related	<p>No Yes, school bus directly involved Yes, school bus indirectly involved Not reported Unknown</p>		<p>Covered in Vehicle Configuration and Contributing Circumstances Roadway #11. Felt this would be redundant. Explain in the narrative that it is a school bus.</p>	
C18 - 1	Workzone Related	<p>No Unknown Yes</p>	Workzone Related	<p>No Force a selection of Yes or No Yes</p>	
C18 - 2	Location of Crash	<p>Before the first work zone warning sign Advance warning area</p> <p>Transition area</p> <p>Activity Area</p> <p>Termination area</p>	Workzone Location	<p>1 - Before work zone warning sign 2 - Between advance warning sign and work area 3 - Within transition area for lane shift 4 - Within or adjacent to work activity 5 - Between end of work area</p>	<p>8 - Other work zone area 9 - Unknown</p>

				and "End Work Zone" sign	
C18 - 3	Type of Workzone	Lane closure Lane shift/crossover Work on shoulder or median Intermittent or moving work Other	Workzone Type	1 - Lane closure 2 - Lane shift/crossover/head-to-head traffic 3 - Work on shoulder or median 4 - Intermittent or moving work 8 - Other type of work zone	9 - Unknown
C18 - 4	Workers Present	Yes No Unknown	Workzone Workers Present	1 - Yes 2 - No 9 - Unknown	
C2 - 1	Crash Date and Time		Date of Accident		
C2 - 2	Crash Date and Time		Time of Accident		
C3	Crash County		County		
C4	Crash City/Place		Occurred within corporate limits of (city)		
C5	Crash Roadway Location		On Road, Street, Hgwy		
C6	First Harmful Event	Non-collision - Overturn Jackknife Other-non-coll. Collision Pedestrian Pedalcycle Railway vehicle Animal Motor vehicle in transport Parked motor vehicle Work zone maintenance equipment	First Harmful Event of Crash	11 - Overturn/rollover 12 - Jackknife 13 - Other non-collision 20 - Non-motorist (see Non-Motorist Type) 20 - Non-motorist (see Non-Motorist Type) 24 - Railway vehicle/train 25 - Animal 21 - Vehicle in traffic 22 - Vehicle in/from other roadway 23 - Parked motor vehicle Vehicle Configuration #21 and/or Emergency Vehicle Type #7	01 - Ran off road, right 02 - Ran off road, straight 03 - Ran off road, left 04 - Crossed centerline/median 05 - Animal or object in roadway 06 - Evasive action 07 - Downhill runaway 08 - Cargo/equipment loss or shift 09 - Equipment failure 10 - Separation of

		<p>Other non-fixed object Collision with fixed object Bridge/culvert</p> <p>Embankment/ditch/curb</p> <p>Guardrail/median barrier</p> <p>Other fixed object Tree Utility Pole/light support Work zone maintenance equipment</p> <p>Unknown fixed object Not reported Unknown</p>		<p>26 – Other non-fixed object</p> <p>30 – Bridge/bridgerail/overpass 32 – Culvert 33 – Ditch/embankment 34 – Curb/island/raised median 35 – Guardrail 36 – Concrete barrier (median or right side) 42 – Other fixed object 37 – Tree 38 – Poles (utility, light, etc.) 39 – Sign post 41 – Impact attenuator 36 – Concrete barrier (median or right side) 42 – Other fixed object</p> <p>Database driven - not a form field 99 - Unknown</p>	<p>units 31 – Underpass/structure support 40 – Mailbox 50 – Fire/explosion 51 – Immersion 52 – Hit and run</p>
C7	Location of First Harmful Event	<p>Roadway Shoulder Median Roadside Gore Outside trafficway Not reported Unknown</p>	Location of First Harmful Event	<p>1 – On Roadway 2 – Shoulder 3 – Median 4 – Roadside 5 – Gore 6 – Outside trafficway Database driven - not a form field 9 - Unknown</p>	
C8	Manner of Crash/Collision Impact	<p>Not collision between two vehicles in transport Rear-end Head-on Rear-to-rear Angle Sideswipe, same</p>	Manner of Crash/Collision	<p>1 – Non-collision 3 – Rear-end 2 – Head-on Little or no application 4 - Angle, oncoming left turn 6 – Sideswipe, same direction</p>	5 – Broadside

		direction Sideswipe, opposite direction Not reported Unknown		7 – Sideswipe, opposite direction Database driven - not a form field 9 - Unknown	
C9 – 1	Source of Information	Police Agency Motorist Other	Database field.		
C9 – 2	Police Reporting Agency Identifier		Reference Agency Name		
C9 – 3	Type of Police Agency	State police/highway patrol City police Sheriff department BIA/Tribal Other	Name of Agency covers this		
CD1	Crash Severity	Property-damage-only Nonfatal injury Fatal injury Not reported Unknown	Database derived from Injuries		
CD2	Number of Vehicles		Database derived from Units		
CD3	Number of Motorists		Database derived from Injuries		
CD4	Number of Non- motorists		Database derived from Injuries		
CD5	Total Non-Fatal Injuries		Database derived from Injuries		
CD6	Total Fatalities		Database derived from Injuries		
CD7	Alcohol/Drug Involvement	Neither alcohol nor other drugs Yes (alcohol) Yes (drugs other than alcohol) Yes (alcohol and drugs)		Non-Motorist Condition #6 Alcohol Test Given Drug Test Given Driver Condition #6	

		Not reported Unknown		Database driven – not a form field	
CD8	Day of Week		Database derived from Date		
P1	Date of Birth		Driver's DOB		
P1	Date of Birth		I - DOB		
P10	Trapped	Not Trapped Extricated by mechanical means Freed by non-mechanical means Not Reported Unknown	D - Trapped	1 – Not trapped 2 – Freed by non-mechanical means 3 – Extricated by mechanical means Database driven - not a form field 9 - Unknown	
P10	Trapped	Not Trapped Extricated by mechanical means Freed by non-mechanical means Not Reported Unknown	I - Trapped	1 – Not trapped 2 – Freed by non-mechanical means 3 – Extricated by mechanical means Database driven - not a form field 9 - Unknown	
P11	Driver License State/Province	Not Licensed State Indian Nation U.S. Government Canadian Province Mexican State International License Not reported Unknown	Drivers Lic. State	Database driven - not a form field	
P12	Driver License Number		Driver's License Number		
P13	Driver Name		Driver's Name		
P13	Driver Name		I - Name		
P14	Contributing Circumstances - Driver	No Improper driving Failed to yield right of way	Contributing Circumstances - Driver	28 – No improper action Failed to yield right-of-way 13 – From stop sign 14 – From yield sign	08 - Lost Control

		<p>Disregarded traffic signs, signals, road markings</p> <p>Exceeded authorized speed limit Driving to fast for conditions Made an improper turn Wrong side or wrong way Followed too closely Failure to keep in proper lane or running off road Operating vehicle in erratic, reckless, careless, negligent or aggressive manner Swerving or avoiding due to wind, slippery surface, vehicle, object, non-motorist in roadway Over-correcting/over-steering Visibility obstructed Inattention</p>		<p>15 – Making left turn 16 – Making right turn on red signal 17 – From driveway 18 – From parked position 19 – To pedestrian 20 – At uncontrolled intersection 21 – Other 01 – Ran traffic signal 02 – Ran stop sign 07 – Crossed centerline 03 – Exceeded authorized speed</p> <p>04 – Driving to fast for conditions</p> <p>05 – Made improper turn 06 – Traveling wrong way or on wrong side of road 09 – Followed to close 07 – Crossed centerline Harmful Events 01 - 04 12 – Operating vehicle in an erratic, reckless, careless, negligent, or aggressive manner</p> <p>10 – Swerved to avoid vehicle, object, non-motorist or animal in roadway</p> <p>11 – Over correcting/over steering 26 – Vision obstructed Inattentive/distracted by 22 – Passenger 23 – Use of phone or other device 24 – Fallen object</p>	
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		<p>Distracted</p> <p>Fatigued/asleep Operating defective equipment Other Improper action Not reported Unknown</p>		<p>Inattentive/distracted by 22 – Passenger 23 – Use of phone or other device 24 – Fallen object 25 – Fatigued/asleep Vehicle Defects 01 - 12</p> <p>27 – Other improper action Database driven - not a form field 99 - Unknown</p>	
P15	Driver Condition	<p>Apparently normal Physical Impairment Emotional Illness Fell asleep, fainted, fatigued Under the influence of medications/drugs/alcohol Other Not reported Unknown</p>	Driver Condition	<p>1 – Apparently normal 2 – Physical impairment 3 – Emotional 4 – Illness 5 – Asleep, fainted, fatigued</p> <p>6 – Under the influence of alcohol/drugs/medication</p> <p>8 – Other Database driven - not a form field 9 - Unknown</p>	
P16	Cited	<p>Yes No Pending Unknown</p>	Derived from Database		
P17	Violation Codes 1-4	<p>No violation (Violation Code) Not reported Unknown</p>	Citation Charge	Database driven - not a form field	
P18	Alcohol/Drug Suspect	<p>Neither alcohol nor drugs suspected Yes – alcohol suspected Yes – drugs suspected</p>	<p>Driver Condition – 01- Apparently Normal Derived from Alcohol Test Given Derived from Drug Test Given</p>		

		Yes – alcohol and drugs suspected Not reported Unknown	Derived from Alcohol Test Given and Drug Test Given	Database driven - not a form field	
P19 - 1	Alcohol – Test Status	None given Test refused Test given, contaminated sample/unusable Test given, results known Test given, results unknown Unknown	Derived from Alcohol Test Given and Drug Test Given Derived from Alcohol Test Given and Drug Test Given Derived from Database Derived from database	Not in database (but probably notified from Lab)	
P19 - 2	Alcohol - Type of Test	Blood Serum Breath Urine	Alcohol Test Given	2 – Blood 4 – Breath 3 – Urine	1 – None 5 - Vitreous 9 - Refused
P19- 3	Alcohol - Test Result		Alcohol Test Results		
P2	Sex	Male Female Not reported unknown	Drivers Gender	Male Female Database driven - not a form field	
P2	Sex	Male Female Not reported unknown	I - Sex	Male Female Database driven - not a form field	
P20 - 1	Drug - Test Status	Test not given Test given, no drugs reported Test given, drugs	Derived from Alcohol Test Given and Drug Test Given Derived from Drug Test Given Derived from		

		Unknown		9 - Unknown	
P24	Non-motorist Contributing Circumstances	Improper crossing Darting Lying and/or illegally in roadway Failure to yield right of way Not visible (dark clothing) Inattentive (talking, eating) Failure to obey traffic signs, signals, or officer Wrong side of road Other Not reported Unknown	NM Contribution Circumstances	01 - Improper crossing 02 - Darting 03 - Lying or sitting in roadway 04 - Failure to yield right of way 05 - Not visible (dark clothing) 06 - Inattentive (talking, eating) 07 - Failure to obey traffic signs, signals, or officer 08 - Wrong side of road 88 - Other Database driven - not a form field 99 - Unknown	
P25	Non-motorist Condition	Apparently normal Physical impairment Emotional Illness Fell asleep, fainted, fatigue Under the influence of medications/drugs/alcohol Other Not reported Unknown	NM Condition	1 - Apparently normal 2 - Physical impairment 3 - Emotional 4 - Illness 5 - Asleep, fainted, fatigued. 6 - Under the influence of alcohol/drugs/medications 8 - Other Database driven - not a form field 9 - Unknown	
P26	Non-motorist Location Prior to Impact	Marked crosswalk at intersection At intersection but no crosswalk Non-Intersection crosswalk Driveway access crosswalk In roadway	NM Location	1 - Marked crosswalk at intersection 2 - At intersection, no crosswalk 3 - Non-intersection crosswalk 4 - Driveway access crosswalk 8 - Other non-intersection	

		Not in roadway Median (but not on shoulder) Island Shoulder Sidewalk Within 10 feet of roadway Beyond 10 feet of roadway Outside trafficway Shared-use path or trails Not reported Unknown		(explain in narrative) 8 – Other non-intersection (explain in narrative) Database driven - not a form field 9 – Unknown	
P27	Non-motorist Safety Equipment	None used Helmet used Protective pads used Reflective clothing Lighting Not applicable Other Not reported Unknown	NM Safety Equipment	4 – None 1 – Helmet 2 – Reflective clothing 3 – Lighting 8 – Other Database driven - not a form field 9 - Unknown	
P28	Number of Vehicle Striking Non-motorist		NM Unit # of Vehicle Striking		
P29 - 1	Transported to Medical Facility By – Source	Not transported EMS Police Other Not reported	Database derived		

		Unknown			
P29 - 2	Transported to Medical Facility By – EMS Response Agency Identifier		Driver Transported By		
P29 – 3	Transported to Medical Facility By – EMS Response Run Number		Database derived		
P29 – 4	Transported to Medical Facility By – Medical Facility		Driver Transported to		
P29 – 3	Transported to Medical Facility By – EMS Response Run Number		Database derived		
P29 – 4	Transported to Medical Facility By – Medical Facility		I - Transported to		
P3	Person Type	Driver Passenger Non-motorist Not reported Unknown	Derived from Seating Position		
P4	Injury Status	Fatal Injury Nonfatal – Incapacitating Nonfatal – Non-incapacitating Nonfatal – Possible No injury Not reported Unknown	Driver Injury Status	1 – Fatal 2 – Incapacitating 3 – Non-incapacitating 4 – Possible 5 – Uninjured Database driven - not a form field 9 - Unknown	
P4	Injury Status	Fatal Injury Nonfatal – Incapacitating Nonfatal – Non-incapacitating Nonfatal – Possible	I - Injury Status	1 – Fatal 2 – Incapacitating 3 – Non-incapacitating 4 – Possible	

		No injury Not reported Unknown		5 – Uninjured Database driven - not a form field 9 - Unknown	
P5	Occupants Vehicle Unit #		I - Unit #		
P6	Seating Position	Front seat – left side (motorcycle driver) Front seat – middle Front seat – right side Second seat – left side (motorcycle passenger) Second seat – middle Second seat – right side Third row – left side (motorcycle passenger) Third row – middle Third row – right side Sleeper section of cab Passenger in other enclosed passenger or cargo area Passenger in unenclosed passenger or cargo area Trailing unit Riding on vehicle exterior Not reported Unknown	I - Seating Position	1 - Front seat – left side (motorcycle driver) 2 - Front seat – middle 3 - Front seat – right side 4 - Second seat – left side (motorcycle passenger) 5 - Second seat – middle 6 - Second seat – right side 7 - Third row – left side (motorcycle passenger) 8 - Third row – middle 9 - Third row – right side 10 - Sleeper section of cab 11 - Enclosed cargo area 12 - Unenclosed cargo area 13 - Trailing unit 14 – Exterior Database driven - not a form field 99 - Unknown	15 – Pedestrian 16 – Pedalcyclist 17 – Pedalcyclist passenger 88 - Other
P7	Occupant Protection System Used	None used – vehicle occupant Shoulder belt only used Lap belt only used Shoulder and lap belt used Child safety seat used Helmet used Not reported	Driver Occupant Protection	1 – None used 4 – Shoulder belt only used 3 – Lap belt only used 2 – Shoulder and lap belt used 5 – Child safety seat used 6 – Helmet used Database driven - not a form field	8 - Other

		Restraint use unknown		9 – Unknown	
P7	Occupant Protection System Used	None used – vehicle occupant Shoulder belt only used Lap belt only used Shoulder and lap belt used Child safety seat used Helmet used Not reported Restraint use unknown	I - Occupant Protection	1 – None used 4 – Shoulder belt only used 3 – Lap belt only used 2 – Shoulder and lap belt used 5 – Child safety seat used 6 – Helmet used Database driven - not a form field 9 – Unknown	8 - Other
P8 - 1	Airbag Deployed - Deployment	Deployed – front Deployed – side Deployed – both front/side Not – deployed Not applicable Not reported Deployment unknown	D - Airbag Deployment	1 – Deployed front of person 2 – Deployed side of person 3 – Deployed both front/side 5 – Not deployed 6 – Not applicable Database driven - not a form field 9 – Unknown	4 – Other deployment
P8 - 1	Airbag Deployed - Deployment	Deployed – front Deployed – side Deployed – both front/side Not – deployed Not applicable Not reported Deployment unknown	I - Airbag Deployment	1 – Deployed front of person 2 – Deployed side of person 3 – Deployed both front/side 5 – Not deployed 6 – Not applicable Database driven - not a form field 9 – Unknown	4 – Other deployment
P8 - 2	Airbag Deployed - Switch Status	Switch in ON position Switch in OFF position ON-OFF switch not present Unknown if ON-OFF switch present Not reported Unknown position	D - Airbag Switch Status	1 – Switch in ON position 2 – Switch in OFF position 3 – No ON/OFF switch present Could be derived from VIN Database driven - not a form field 9 - Unknown	
P8 - 2	Airbag Deployed - Switch Status	Switch in ON position Switch in OFF position	I - Airbag Switch Status	1 – Switch in ON position 2 – Switch in OFF position	

		reported Test given, contaminated sample/unusable Not reported Unknown	Drug Test Given Derived from Database	Not in database (but probably notified from Lab)	
P20 - 2	Drug - Type of Test	Blood Urine Serum	Drug Test Given	2 - Blood 3 - Urine	1 - None 9 - Refused
P20 - 3	Test Results	Marijuana Cocaine Opiates Amphetamines PCP Other	Drug Pos/Neg	Results reported in Lab results - not in crash database	Pos Neg When other is not used it is to get a more definite description.
P21	Non-motorist Number				
P22	Non-motorist Type	Pedestrian Pedalcyclist Skater Other non-motorist Not reported Unknown	NM Type	1 - Pedestrian 2 - Pedalcyclist 3 - Skater 8 - Other Database driven - not a form field 9 - Unknown	
P23	Non-motorist Action	Entering or crossing specified location Walking, running, jogging, playing, cycling Working Pushing vehicle Approaching or leaving vehicle Playing or working on vehicle Standing Other Not reported	NM Action	1 - Entering or crossing roadway 2 - Walking, running, jogging, playing, cycling 3 - Working 4 - Pushing vehicle 5 - Approaching or leaving vehicle 6 - Playing or working on vehicle 7 - Standing 8 - Other Database driven - not a form field	

		ON-OFF switch not present Unknown if ON-OFF switch present Not reported Unknown position		3 – No ON/OFF switch present Could be derived from VIN Database driven - not a form field 9 - Unknown	
P9	Ejection	Not ejected Totally ejected Partially ejected Not applicable Not reported Unknown	D - Ejection	1 – Not ejected 3 – Totally ejected 2 – Partially ejected 4 – Not applicable Database driven - not a form field 9 - Unknown	
P9	Ejection	Not ejected Totally ejected Partially ejected Not applicable Not reported Unknown	I - Ejection	1 – Not ejected 3 – Totally ejected 2 – Partially ejected 4 – Not applicable Database driven - not a form field 9 - Unknown	
PL1	Drivers License Class	Class A Class B Class C Class M Never held license or state can no longer provide this information	Driver's Lic. Class	Linked through the Drivers License Number	
PL2	Driver License Restrictions	None Corrective lenses Mechanical devices Prosthetic aid Automatic transmission Outside mirror Limit to daylight only Limit to employment Limited – other Other CDL – Intrastate only Vehicles without air-	Restrictions	Linked through the Drivers License Number	

		reported Test given, contaminated sample/unusable Not reported Unknown	Drug Test Given Derived from Database	Not in database (but probably notified from Lab)	
P20 - 2	Drug - Type of Test	Blood Urine Serum	Drug Test Given	2 – Blood 3 – Urine	1 - None 9 - Refused
P20 - 3	Test Results	Marijuana Cocaine Opiates Amphetamines PCP Other	Drug Pos/Neg	Results reported in Lab results – not in crash database	Pos Neg When other is not used it is to get a more definite description.
P21	Non-motorist Number				
P22	Non-motorist Type	Pedestrian Pedalcyclist Skater Other non-motorist Not reported Unknown	NM Type	1 – Pedestrian 2 – Pedalcyclist 3 – Skater 8 – Other Database driven - not a form field 9 – Unknown	
P23	Non-motorist Action	Entering or crossing specified location Walking, running, jogging, playing, cycling Working Pushing vehicle Approaching or leaving vehicle Playing or working on vehicle Standing Other Not reported	NM Action	1 – Entering or crossing roadway 2 – Walking, running, jogging, playing, cycling 3 – Working 4 – Pushing vehicle 5 – Approaching or leaving vehicle 6 – Playing or working on vehicle 7 – Standing 8 – Other Database driven - not a form field	

		brakes Except Class A bus Except Class A and Class B bus Except tractor-trailer Farm waiver			
PL3	Driver License Status	Normal, within restrictions Violation, beyond restrictions Violation, under suspension Violation, revoked Violation, no license endorsement for this vehicle type Violation, no license Violation, expired license No license required Unknown	Linked through the Drivers License Number		
PL4	Injury Area	Head Face Neck Thorax (chest) Abdomen and pelvis Spine Upper extremity Lower extremity Unspecified	Linked through EMS or Medical record		
PL5	Injury Description		Linked through EMS or Medical record		
RL1	Bridge/Structure Identification Number		Linked to Roadway file		
RL10	Average Width of Median		Linked to Roadway file		
RL11	Access Control	Full access Control Partial access Control	Linked to Roadway file		

		No Access Control			
RL12	RR Crossing Id		Linked to Roadway file		
RL13	Roadway Lighting	No lighting Spot illumination Continuous lighting	Linked to Roadway file		
RL14 - 1	Pavement Markings – Longitudinal – Function and Color	Centerline, skip-dash, yellow Centerline, solid, yellow Centerline, solid double, yellow No passing barrier, right or left, yellow Lane line, ship-dash, white Lane line, solid, white Edge line, left, yellow Edge line, right, white Left turn lane lines combination of solid and skip-dash, yellow Turn arrow symbols, right, through, left, or combination of tow Not reported Unknown	Linked to Roadway file		
RL14 - 2	Pavement Markings – Longitudinal - Material	Paint Thermoplastic Raised markers Permanent inlay Tape Other Not reported Unknown	Linked to Roadway file		
RL15	Bikeway	No Bikeway Bicycle Route (signed) Bicycle Lane (striped) –	Linked to Roadway file		

		right only Bicycle Lane (striped) – both sides Bicycle Lane (striped) – left only Separate Bicycle Path/Trail Not reported Unknown			
RL16	Delineator Presence	None Delineators, right Delineators, left Delineators, both sides Not reported Unknown	Linked to Roadway file		
RL17	Intersection Type	4-legged Greater than 4 legs Tee Y	Linked to Roadway file		
RL18	Traffic Control Type at Intersection	No control Stop signs on cross street only Stop signs on mainline only Four-way stop signs Four-way flasher (Red on cross street) Four-way flasher (Red on mainline) Four-way flasher (Red on all) Yield signs on cross street only Yield signs on mainline only Signals pretimed (2 phase)	Linked to Roadway file		

		Signals pretimed (multi-phase) Signals semi-actuated (w phase) Signals semi-actuated (multi-phase) Signals fully-actuated (2 phase) Signals fully-actuated (multi-phase) Other Unknown			
RL19	Mainline Number of Lanes at Intersection	One lane Two lane Three lanes Four to six lanes Seven to nine lanes Unknown	Linked to Roadway file		
RL2 - 1	Horizontal Alignment - Direction	Right Left	Linked to Roadway file		
RL2 - 2	Horizontal Alignment - Curve	Radius	Linked to Roadway file		
RL2 - 3	Horizontal Alignment - Length		Linked to Roadway file		
RL2 - 4	Horizontal Alignment - Superelevation		Linked to Roadway file		
RL2 - 5	Horizontal Alignment - Unit of Measure		Linked to Roadway file		
RL20	Side-road Number of Lanes	One lane Two lane Three lanes Four to six lanes Seven to nine lanes Unknown	Linked to Roadway file		
RL21	Mainline Approach Volumes		Linked to Roadway file		
RL3 - 1	Grade - Direction of	Up (+) or down (-)	Linked to Roadway		

	slope		file		
RL3 - 2	Grade - Percent of slope	Nearest percent of slope	Linked to Roadway file		
RL4	Part of National Highway System	Yes No Not reported Unknown	Linked to Roadway file		
RL5	Functional Classification of Highway	Rural Principal arterial-interstate Principal arterial - other Minor arterial Major Collector Minor Collector Local Urban Principal arterial - interstate Principal arterial - other freeway or expressway Principal arterial - other Minor arterial Collector Local Unknown	Linked to Roadway file		
RL6	Lanes		Linked to Roadway file		
RL7 - 1	Annual Average Daily Traffic - Calendar Year		Linked to Roadway file		
RL7 - 2	Annual Average Daily Traffic - Vehicles per day		Linked to Roadway file		
RL8	Trafficway Description	Two-way, not divided Two-way, divided, unprotected median Two-way, divided,	Linked to Roadway file		

		positive median barrier One-way, not divided Not reported Unknown			
RL9 - 1	Average Width of the Shoulder(s) and Lane(s) - Average lane width in feet		Linked to Roadway file		
RL9 - 2	Average Width of the Shoulder(s) and Lane(s) - Average shoulder width in feet		Linked to Roadway file		
V1	Vehicle Unit Number		identified		
V10	Vehicle Configuration	Passenger car Light truck (with only 4 tires) Single-unit truck (2-axle, 6-tire) Single-unit truck (3-or-more axles) Truck/trailer Truck tractor (bobtail) Tractor/semi-trailer Tractor/doubles Tractor/triples Unknown heavy truck, cannot classify Motor home/recreational vehicle Motorcycle Bus (>15) Bus (7-15) Other Not reported	Vehicle Config.	01 - Passenger car 02 - Four-tire light truck 05 - Single-unit truck (2 axles, 6 tire) 06 - Single-unit truck (>=3 axles) 07 - Truck/trailer 08 - Truck tractor (bobtail) 09 - Tractor/semi-trailer 10 - Tractor/doubles 11 - Tractor/triples 12 - Other heavy truck 13 - Motor home/recreational vehicle 14 - Motorcycle 16 - School bus (seats >15) 18 - Other bus (seats > 15) 17 - Small school bus (seats 9 - 15) 19 - Other small bus (seats 9-15) 88 - Other Database driven - not a form field	03 - Van or mini-van 04 - sport utility vehicle 15 - Moped/All-Terrain Vehicle 20 - Farm vehicle/equipment 21 - Maintenance/construction vehicle 22 - Train

		Unknown vehicle configuration		99 – Unknown	
V11	Cargo Body Type	Not applicable Bus (>15) Bus (7 – 15) Van/enclosed box Grain/chips/gravel Pole Cargo tank Flatbed Dump Concrete mixer Auto transporter Garbage/refuse Other Not reported Unknown	Cargo Body Type	01 – Not applicable Covered in Vehicle Configuration Covered in Vehicle Configuration 02 – Van/enclosed box 03 – Dump truck (grain, gravel) 17 – Pole 04 – Cargo tank 05 – Flatbed 03 – Dump truck (grain, gravel) 06 – Concrete Mixer 07 – Auto transporter 08 – Garbage/refuse 09 – Other truck cargo type Database driven - not a form field 99 - Unknown	Trailer Type 10 – Small utility 11 – Large utility 12 – Boat 13 – Camper 14 – Large mobile home 15 – Oversize load 16 – Towed vehicle 18 – Other Trailer type
V12	Gross Vehicle Weight Rating of Power Unit	Less than or equal to 10,000 pounds 10,001-26,000 More than 26,000	Gross Vehicle Weight Rating	Value shown	
V13	Total Occupants in Vehicle		Total Occupants		
V14	Vehicle Role	Non-contact Non-collision Striking Struck Both striking and struck	Note – to be MMUCC need to include these elements.	Contributing Circumstances #11 Derived from Harmful Event Portions derived from Point of Impact and/or Vehicle Action and/or Contributing Circumstance - Driver Portions derived from Point of Impact and/or Vehicle Action and/or Contributing Circumstance - Driver Portions derived from Point of Impact and/or Vehicle Action and/or Contributing Circumstance - Driver	

		Not reported Unknown		Database driven - not a form field	
V15	Emergency Use	No Yes Not reported Unknown	Emergency Status	2 - No 1 - Yes Database driven - not a form field 9 - Unknown	3 - Not applicable
V16 - 1	Hazardous Materials Placard (Cargo Only) - Did vehicle have placard	Yes No Not reported Unknown	Database derived based on Placard #		
V16 - 2	Hazardous Materials Placard (Cargo Only) - If Yes	4-digit placard number or name from middle of diamond or from rectangular box 1-digit placard number from bottom	Placard #		
V17	Hazardous Materials Released (Cargo Only)	Not applicable Yes - hazardous materials released No - hazardous materials not released Not reported Unknown	Hazardous Materials Released	3 - Not applicable 1 - Yes 2 - No Database driven - not a form field 9 - Unknown	
V18 - 1	Vehicle Authorized Speed Limit - Authorized Value		Speed Limit		
V18 - 2	Vehicle Authorized Speed Limit - Unit of Measurement	Miles per hour Kilometers per hour Not applicable Unknown	MPH assumed in Iowa		
V19	Direction of Travel Before Crash	Northbound Southbound Eastbound Westbound Not on roadway Not reported Unknown	Initial Travel Direction	1 - North 3 - South 2 - East 4 - West Database driven - not a form field 9 - Unknown	

V2	Vehicle Registration State and Year		License Plate State		
V2	Vehicle Registration State and Year		License Plate Year		
V20	Traffic Control Device Type	No controls Traffic control signal Flashing traffic control signal School zone signs Stop signs Yield signs Warning signs Railway crossing device Not reported Unknown	Traffic Controls	01 – No controls present 02 – Traffic signal 03 – Flashing traffic control signal 08 – School zone signs 04 – Stop Signs 05 – Yield signs 07 – Warning sign 09 – Railway crossing device Database driven - not a form field 99 – Unknown	06 – No Passing Zone (marked) 10 – Traffic director 11 – Work Zone signs 88 – Other control
V21	Vehicle Maneuver/Action	Movements essentially straight ahead Backing Changing lanes Overtaking/passing Turning right Turning left Making U-turn Entering traffic lane Leaving traffic lane Parked Slowing or stopped in traffic Other Not reported Unknown	Vehicle Action	01 – Movement essentially straight 09 - Backing 06 – Changing lanes 05 – Overtaking/passing 03 – Turning right 02 – Turning left 04 – Making U-turn 07 – Entering traffic lane (merging) 08 – Leaving traffic lane 12 – Legally parked 13 – Illegally parked/Unattended 10 – Slowing/stopping 88 – Other Database driven - not a form field 99 – Unknown	11 – Stopped for stop sign/signal
V22	Point of Impact		Point of Initial Impact		
V23	Sequence of Events	Non-collision Overturn/rollover Fire/explosion	Sequence of Events – 1-4	11 – Overturn/rollover 50 – Fire/explosion	02 – Ran off road, straight 05 – Animal or object

	<p>Immersion Jackknife Cargo/equipment loss or shift Equipment failure Separation of units Ran off road right Ran off road left Cross median/centerline Downhill runaway Other non-collision Unknown non-collision Collision with person, vehicle, or object not fixed Pedestrian Pedalcycle Railway vehicle Animal Motor vehicle in transport Parked motor vehicle Work zone maintenance equipment Other movable object Unknown movable object Collision with fixed object Impact attenuator/crash cushion Bridge overhead structure Bridge pier or abutment Bridge parapet end</p>		<p>51 – Immersion 12 – Jackknife 08 – Cargo/equipment loss or shift 09 – Equipment failure 10 – Separation of units 01 – Ran off road, right 03 – Ran off road, left 04 – Crossed centerline/median 07 – Downhill runaway 13 – Other non-collision 13 – Other non-collision 20 – Non-motorist (see Non-motorist Type) 20 – Non-motorist (see Non-motorist Type) 24 – Railway vehicle/train 25 – Animal 21 – Vehicle in traffic 22 – Vehicle in/from other roadway 23 – Parked motor vehicle Vehicle Configuration #21 and/or Emergency Vehicle Type #7 26 – Other non-fixed object 26 – Other non-fixed object 41 – Impact attenuator 31 – Underpass/structure support 30 – Bridge/bridgerail/overpass 30 – Bridge/bridgerail/overpass 30 – Bridge/bridgerail/overpass</p>	<p>in roadway (swerved to avoid) 06 – Evasive action 52 – Hit and run</p>
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		Bridge rail Guardrail face Guardrail end Median barrier Highway traffic sign post Overhead sign support Light/luminaire support Utility pole Other post, pole, or support Culvert Curb Ditch Embankment Fence Mail box Tree Other fixed object Work zone maintenance Equipment Unknown fixed object Other Not reported Unknown		30 – Bridge/bridgerail/overpass 35 – Guardrail 35 - Guardrail 36 – Concrete barrier (median or right side) 39 – Sign post 38 – Poles (utility, light, etc.) 38 – Poles (utility, light, etc.) 38 – Poles (utility, light, etc.) 39 – Sign post 32 – Culvert 34 – Curb/island/raised median 33 – Ditch/embankment 33 – Ditch/embankment 42 – Other fixed object 40 – Mailbox 37 – Tree 42 – Other fixed object Vehicle Configuration #21 and/or Emergency Vehicle type #7 42 – Other fixed object 42 – Other fixed object When other is not used it is to get a more definite description. Database driven - not a form field 99 - Unknown	
V24	Most Harmful Event for this Vehicle	Non-collision Overtum/rollover Fire/explosion Immersion Jackknife Cargo/equipment loss or shift Equipment failure Separation of units Ran off road right	Most Harmful Event	11 – Overtum/rollover 50 – Fire/explosion 51 – Immersion 12 – Jackknife 08 – Cargo/equipment loss or shift 09 – Equipment failure 10 – Separation of units 01 – Ran off road, right	02 – Ran off road, straight 05 – Animal or object in roadway (swerved to avoid) 06 – Evasive action 52 – Hit and run

	<p>Ran off road left Cross median/centerline Downhill runaway Other non-collision Unknown non-collision Collision with person, vehicle, or object not fixed Pedestrian</p> <p>Pedalcycle</p> <p>Railway vehicle Animal Motor vehicle in transport</p> <p>Parked motor vehicle Work zone maintenance equipment Other movable object Unknown movable object Collision with fixed object Impact attenuator/crash cushion Bridge overhead structure Bridge pier or abutment Bridge parapet end Bridge rail Guardrail face Guardrail end Median barrier</p> <p>Highway traffic sign post Overhead sign support</p>		<p>03 – Ran off road, left 04 – Crossed centerline/median 07 – Downhill runaway 13 – Other non-collision 13 – Other non-collision</p> <p>20 – Non-motorist (see Non-motorist Type) 20 – Non-motorist (see Non-motorist Type) 24 – Railway vehicle/train 25 – Animal 21 – Vehicle in traffic 22 – Vehicle in/from other roadway 23 – Parked motor vehicle Vehicle Configuration #21 and/or Emergency Vehicle Type 26 – Other non-fixed object 26 – Other non-fixed object</p> <p>41 – Impact attenuator</p> <p>31 – Underpass/structure support</p> <p>30 – Bridge/bridgerail/overpass 30 – Bridge/bridgerail/overpass 30 – Bridge/bridgerail/overpass 35 – Guardrail 35 - Guardrail 36 – Concrete barrier (median or right side) 39 – Sign post 38 – Poles (utility, light, etc.)</p>	
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		Light/luminaire support Utility pole Other post, pole, or support Culvert Curb Ditch Embankment Fence Mail box Tree Other fixed object Work zone maintenance Equipment Unknown fixed object Other Not reported Unknown		38 – Poles (utility, light, etc.) 38 – Poles (utility, light, etc.) 39 – Sign post 32 – Culvert 34 – Curb/island/raised median 33 – Ditch/embankment 33 – Ditch/embankment 42 – Other fixed object 40 – Mailbox 37 – Tree 42 – Other fixed object Vehicle Configuration #21 and/or Emergency Vehicle Type 42 – Other fixed object 42 – Other fixed object When other is not used it is to get a more definite description. Database driven - not a form field 99 - Unknown	
V25	Direction of Force to Vehicle				
V26	Underride/Override	No underride or override Underride, compartment intrusion Underride, no compartment intrusion Underride, compartment intrusion unknown Override, motor vehicle in transport Override, other vehicle Unknown if underride or override	Underride/Override	1 – None 2 – Underride, compartment intrusion 3 – Underride, no compartment intrusion 4 – Underride, compartment intrusion unknown 5 – Override, moving vehicle 6 – Override, parked/stationary vehicle 9 – Unknown	
V27	Most Damaged Area		Most Damaged Area		
V28	Extent of Damage	None/minor damage	Extent of Damage	1 – None	2 – Minor damage

		Functional damage Disabling damage Severe/vehicle totaled Not reported Unknown		3 – Functional damage 4 – Disabling damage 5 – Severe, vehicle totaled Database driven - not a form field 9 – Unknown	
V3	Vehicle License Plate #		License Plate #		
V4	Vehicle Make		Veh. Make		
V5	Commercial Trailer Registration State and Year		Commercial Trailer Lic. Plate State - Attached to Power unit		
V5	Commercial Trailer Registration State and Year		Commercial Trailer Lic. Plate Year - Attached to Power unit		
V6	Commercial Trailer License Plate Number		Commercial Trailer Lic. Plate # - Attached to Power unit		
V7 - 1	Carrier Name		Carrier name		
V7 - 2	Carrier Name Source	Shipping papers Other Not reported Unknown		When other is not used it is to get a more definite description. Database driven - not a form field	
V8	Carrier Street Address		Carrier Address		
V9 - 1	Carrier Identification Number		US DOT# or MC#		
V9 - 2	Issuing Authority	US DOT ICC State Mexico Canada		Derived from DOT Number Derived from MC Number Seldom used in IA Seldom used in IA Seldom used in IA	
V9 - 3	Source of Number	Shipping papers or trip manifest or logbook Other Not reported			

		Unknown		
VD1	Vehicle Model Year		Veh. Year	
VD2	Vehicle Model		Veh. Model	
VD3	Vehicle Body Type	Extensive list	Veh. Style	
VL1	Vehicle Identification Number		VIN #	
			Sheet ___ of ___	
			Legal Intervention	
			Private Property	
			County	
			Route	
			X-Coordinate	
			Y-Coordinate	
			Divided Highway Travel Direction	NB SB EB WB
			Occurred outside of city limits - Miles - Direction - City	N NE E SE S SW W NW
			At intersection with	
			Not at intersection - feet - miles - direction	N NE E SE S SW W NW
			Milepost Number	
			Definable intersection,	

			bridge,	
			Driver's Address	
			Endorsements	
			Owner's Name	
			Owner's Address	
			Insurance Co. Name	
			Insurance Policy #	
			Tow # - Private	
			Approximate Cost to Repair	
			Vehicle Defect	01 - None 02 - Brakes 03 - Steering 04 - Blowout 05 - Other tire defect 06 - Wipers 07 - Trailer hitch 08 - Exhaust 09 - Headlights 10 - Tail lights 11 - Turn signal 12 - Suspension 88 - Other 99 - Unknown
			Vision Obscured	01 - Not obscured 02 - Trees/crops 03 - Buildings 04 - Embankment 05 - Sign/billboard 06 - Hillcrest 07 - Parked vehicles 08 - Moving vehicles 09 - Person/object in or on vehicle 10 - Blinded by sun or headlights 11 - Frosted windows/windshield 12 - blowing snow

				13 - Fog/smoke/dust 88 - Other 99 - Unknown	
			Commercial Trailer Lic. Plate # - Attached to Trailer unit		
			Commercial Trailer Lic. Plate State - Attached to Trailer unit		
			Commercial Trailer Lic. Plate Year - Attached to Trailer unit		
			Emergency Vehicle Type	1 - Not applicable 2 - Police 3 - Fire 4 - Ambulance 5 - Towing 6 - Military 7 - Maintenance 9 - Unknown	
			Number of Axles		
			Object Damaged - PD		
			Estimate of Damage - PD		
			PD Owner's Name		
			PD Owners Address		
			Was owner notified - PD	1 - Yes 2 - No 9 - Unknown	
			Driver's Phone		
			D - Ejection Path	1 - Not ejected/not applicable 2 - Through front windshield 3 - Through side window/door 4 - Through roof	

				5 – Through back window/tailgate 9 – Unknown	
			I - Address		
			I - Ejection Path	1 – Not ejected/not applicable 2 – Through front windshield 3 – Through side window/door 4 – Through roof 5 – Through back window/tailgate 9 – Unknown	
			Diagram		
			Narrative		
			W - Name		
			W - Address		
			Signature of Officer		
			Badge #		
			Time Officer Arrived at Scene		
			Name of Agency		
			Date of Report		
			Investigation made at Scene		
			Supplemental Info will follow		
			TI#		
			Report Reviewed by		
			Date Reviewed		
			Report Given to All Drivers		
			Other Technical Investigating Agency		