

Appendix C: Local Department Specific Data Sheets

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Aquinnah
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	0.0%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	0.0%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.0%
	Sequence of Events	23		1.1%	0.0%
	Damaged Area Code	27		7.7%	0.0%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	100.0%
	Vehicle Travel Direction			6.6%	0.0%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	40.0%
	Airbag Status	36		2.1%	0.0%
	Ejection Code	37		2.0%	40.0%
	Injury Status	39		0.9%	0.0%
	Transported by Code	40		4.9%	0.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	20.0%
	Driver Contributing Code	25		4.5%	0.0%
	Driver Distracted By	26		10.4%	0.0%
	License #			1.3%	0.0%
Non-Motorist	NM Type	15		18.2%	
	NM Action	16		20.2%	
	NM Location	17		21.1%	
	NM Condition	18		21.6%	
	NM Safety System	35		59.8%	
	NM Injury Status	39		8.0%	
	NM Transported by Code	40		14.1%	
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Arlington
Crash	Light Conditions	1		0.6%	1.6%
	Weather Conditions	2		0.7%	2.0%
	Traffic Control Device Type	4		0.8%	3.5%
	Road Surface	6		0.7%	4.7%
	Roadway Intersection Type	7		0.8%	4.7%
	Trafficway Description	8		1.0%	5.9%
	School Bus Related	9		0.8%	8.2%
	Work Zone Related Code	10		0.8%	7.0%
	First Harmful Event Location	12		0.8%	1.6%
	First Harmful Event	13		0.7%	6.3%
	Road Contributing Circumstances	14		4.2%	13.3%
	Crash Narrative			1.5%	0.8%
	Speed Limit			16.6%	30.5%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.9%
	Sequence of Events	23		1.1%	1.8%
	Damaged Area Code	27		7.7%	2.9%
	Towed from Scene?	33		1.5%	0.2%
	Registration #			0.4%	0.2%
	Responding to Emergency?			19.4%	99.8%
	Vehicle Travel Direction			6.6%	9.4%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	7.1%
	Airbag Status	36		2.1%	8.0%
	Ejection Code	37		2.0%	8.9%
	Injury Status	39		0.9%	11.9%
	Transported by Code	40		4.9%	72.1%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	16.8%
	Driver Contributing Code	25		4.5%	17.3%
	Driver Distracted By	26		10.4%	31.7%
	License #			1.3%	2.1%
Non-Motorist	NM Type	15		18.2%	26.9%
	NM Action	16		20.2%	30.8%
	NM Location	17		21.1%	26.9%
	NM Condition	18		21.6%	26.9%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	34.6%
	NM Transported by Code	40		14.1%	53.8%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Athol
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.7%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	0.0%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	41.5%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.9%
	Sequence of Events	23		1.1%	0.9%
	Damaged Area Code	27		7.7%	10.0%
	Towed from Scene?	33		1.5%	1.3%
	Registration #			0.4%	0.4%
	Responding to Emergency?			19.4%	8.3%
	Vehicle Travel Direction			6.6%	10.9%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	1.3%
	Airbag Status	36		2.1%	1.3%
	Ejection Code	37		2.0%	1.3%
	Injury Status	39		0.9%	1.3%
	Transported by Code	40		4.9%	1.3%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	3.0%
	Driver Contributing Code	25		4.5%	1.0%
	Driver Distracted By	26		10.4%	8.0%
	License #			1.3%	0.0%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	0.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	33.3%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 1/18/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Attleboro
Crash	Light Conditions	1		0.6%	0.2%
	Weather Conditions	2		0.7%	0.2%
	Traffic Control Device Type	4		0.8%	1.5%
	Road Surface	6		0.7%	0.2%
	Roadway Intersection Type	7		0.8%	2.0%
	Trafficway Description	8		1.0%	3.2%
	School Bus Related	9		0.8%	0.2%
	Work Zone Related Code	10		0.8%	0.2%
	First Harmful Event Location	12		0.8%	0.3%
	First Harmful Event	13		0.7%	0.3%
	Road Contributing Circumstances	14		4.2%	17.6%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	23.9%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.2%
	Sequence of Events	23		1.1%	0.6%
	Damaged Area Code	27		7.7%	0.6%
	Towed from Scene?	33		1.5%	6.3%
	Registration #			0.4%	0.4%
	Responding to Emergency?			19.4%	17.3%
	Vehicle Travel Direction			6.6%	3.6%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	2.1%
	Airbag Status	36		2.1%	1.9%
	Ejection Code	37		2.0%	1.0%
	Injury Status	39		0.9%	1.0%
	Transported by Code	40		4.9%	5.2%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	5.0%
	Driver Contributing Code	25		4.5%	11.1%
	Driver Distracted By	26		10.4%	18.1%
	License #			1.3%	0.9%
Non-Motorist	NM Type	15		18.2%	33.3%
	NM Action	16		20.2%	66.7%
	NM Location	17		21.1%	66.7%
	NM Condition	18		21.6%	50.0%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	16.7%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 1/18/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Belmont
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	0.0%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	0.5%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.0%
	Sequence of Events	23		1.1%	0.0%
	Damaged Area Code	27		7.7%	0.0%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	99.7%
	Vehicle Travel Direction			6.6%	2.1%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	5.7%
	Airbag Status	36		2.1%	5.3%
	Ejection Code	37		2.0%	5.5%
	Injury Status	39		0.9%	0.2%
	Transported by Code	40		4.9%	3.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	78.4%
	Driver Contributing Code	25		4.5%	30.7%
	Driver Distracted By	26		10.4%	30.7%
	License #			1.3%	3.7%
Non-Motorist	NM Type	15		18.2%	33.3%
	NM Action	16		20.2%	33.3%
	NM Location	17		21.1%	33.3%
	NM Condition	18		21.6%	33.3%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	8.3%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Bernardston
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	11.1%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	0.0%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	0.0%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.0%
	Sequence of Events	23		1.1%	0.0%
	Damaged Area Code	27		7.7%	15.4%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	7.7%
	Vehicle Travel Direction			6.6%	15.4%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	0.0%
	Airbag Status	36		2.1%	0.0%
	Ejection Code	37		2.0%	0.0%
	Injury Status	39		0.9%	0.0%
	Transported by Code	40		4.9%	0.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	0.0%
	Driver Contributing Code	25		4.5%	0.0%
	Driver Distracted By	26		10.4%	0.0%
	License #			1.3%	0.0%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Beverly
Crash	Light Conditions	1		0.6%	1.0%
	Weather Conditions	2		0.7%	1.0%
	Traffic Control Device Type	4		0.8%	1.0%
	Road Surface	6		0.7%	1.0%
	Roadway Intersection Type	7		0.8%	1.0%
	Trafficway Description	8		1.0%	1.0%
	School Bus Related	9		0.8%	1.0%
	Work Zone Related Code	10		0.8%	2.7%
	First Harmful Event Location	12		0.8%	1.0%
	First Harmful Event	13		0.7%	1.0%
	Road Contributing Circumstances	14		4.2%	1.0%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	8.8%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	2.6%
	Sequence of Events	23		1.1%	3.1%
	Damaged Area Code	27		7.7%	3.1%
	Towed from Scene?	33		1.5%	2.8%
	Registration #			0.4%	2.8%
	Responding to Emergency?			19.4%	33.6%
	Vehicle Travel Direction			6.6%	15.6%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	1.3%
	Airbag Status	36		2.1%	0.5%
	Ejection Code	37		2.0%	0.5%
	Injury Status	39		0.9%	0.5%
	Transported by Code	40		4.9%	20.2%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	7.0%
	Driver Contributing Code	25		4.5%	9.1%
	Driver Distracted By	26		10.4%	31.1%
	License #			1.3%	3.4%
Non-Motorist	NM Type	15		18.2%	12.5%
	NM Action	16		20.2%	12.5%
	NM Location	17		21.1%	12.5%
	NM Condition	18		21.6%	12.5%
	NM Safety System	35		59.8%	12.5%
	NM Injury Status	39		8.0%	12.5%
	NM Transported by Code	40		14.1%	25.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Billerica
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	7.3%
	Traffic Control Device Type	4		0.8%	6.6%
	Road Surface	6		0.7%	8.0%
	Roadway Intersection Type	7		0.8%	7.3%
	Trafficway Description	8		1.0%	10.0%
	School Bus Related	9		0.8%	14.0%
	Work Zone Related Code	10		0.8%	12.0%
	First Harmful Event Location	12		0.8%	9.3%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	11.6%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	18.3%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.2%
	Sequence of Events	23		1.1%	0.0%
	Damaged Area Code	27		7.7%	0.0%
	Towed from Scene?	33		1.5%	0.3%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	9.7%
	Vehicle Travel Direction			6.6%	8.5%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	8.2%
	Airbag Status	36		2.1%	8.5%
	Ejection Code	37		2.0%	8.5%
	Injury Status	39		0.9%	0.1%
	Transported by Code	40		4.9%	0.4%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	2.8%
	Driver Contributing Code	25		4.5%	0.4%
	Driver Distracted By	26		10.4%	39.6%
	License #			1.3%	0.4%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	40.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 1/18/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Braintree
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	1.2%
	Traffic Control Device Type	4		0.8%	1.6%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.4%
	Trafficway Description	8		1.0%	7.4%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	2.1%
	First Harmful Event	13		0.7%	1.2%
	Road Contributing Circumstances	14		4.2%	9.5%
	Crash Narrative			1.5%	4.9%
	Speed Limit			16.6%	16.0%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.2%
	Sequence of Events	23		1.1%	2.4%
	Damaged Area Code	27		7.7%	3.0%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	0.0%
	Vehicle Travel Direction			6.6%	2.4%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	8.1%
	Airbag Status	36		2.1%	8.8%
	Ejection Code	37		2.0%	7.4%
	Injury Status	39		0.9%	6.6%
	Transported by Code	40		4.9%	14.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	4.9%
	Driver Contributing Code	25		4.5%	8.9%
	Driver Distracted By	26		10.4%	23.8%
	License #			1.3%	0.2%
Non-Motorist	NM Type	15		18.2%	42.9%
	NM Action	16		20.2%	64.3%
	NM Location	17		21.1%	64.3%
	NM Condition	18		21.6%	71.4%
	NM Safety System	35		59.8%	92.9%
	NM Injury Status	39		8.0%	50.0%
	NM Transported by Code	40		14.1%	57.1%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Brookline
Crash	Light Conditions	1		0.6%	0.5%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	1.4%
	School Bus Related	9		0.8%	1.9%
	Work Zone Related Code	10		0.8%	1.4%
	First Harmful Event Location	12		0.8%	0.5%
	First Harmful Event	13		0.7%	3.8%
	Road Contributing Circumstances	14		4.2%	40.6%
	Crash Narrative			1.5%	1.4%
	Speed Limit			16.6%	12.7%
	Crash Diagram			0.7%	35.4%
Vehicle	Vehicle Configuration	21		0.9%	0.5%
	Sequence of Events	23		1.1%	2.4%
	Damaged Area Code	27		7.7%	100.0%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.3%
	Responding to Emergency?			19.4%	15.9%
	Vehicle Travel Direction			6.6%	29.1%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	28.8%
	Airbag Status	36		2.1%	22.4%
	Ejection Code	37		2.0%	24.4%
	Injury Status	39		0.9%	24.0%
	Transported by Code	40		4.9%	24.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	14.7%
	Driver Contributing Code	25		4.5%	10.7%
	Driver Distracted By	26		10.4%	87.1%
	License #			1.3%	1.3%
Non-Motorist	NM Type	15		18.2%	21.7%
	NM Action	16		20.2%	21.7%
	NM Location	17		21.1%	21.7%
	NM Condition	18		21.6%	21.7%
	NM Safety System	35		59.8%	93.5%
	NM Injury Status	39		8.0%	58.7%
	NM Transported by Code	40		14.1%	56.5%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Cambridge
Crash	Light Conditions	1		0.6%	0.1%
	Weather Conditions	2		0.7%	0.1%
	Traffic Control Device Type	4		0.8%	0.1%
	Road Surface	6		0.7%	0.1%
	Roadway Intersection Type	7		0.8%	0.1%
	Trafficway Description	8		1.0%	0.1%
	School Bus Related	9		0.8%	0.1%
	Work Zone Related Code	10		0.8%	0.1%
	First Harmful Event Location	12		0.8%	0.1%
	First Harmful Event	13		0.7%	0.1%
	Road Contributing Circumstances	14		4.2%	0.1%
	Crash Narrative			1.5%	0.1%
	Speed Limit			16.6%	6.5%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	2.0%
	Sequence of Events	23		1.1%	0.2%
	Damaged Area Code	27		7.7%	0.2%
	Towed from Scene?	33		1.5%	0.1%
	Registration #			0.4%	0.4%
	Responding to Emergency?			19.4%	99.6%
	Vehicle Travel Direction			6.6%	13.3%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	24.1%
	Airbag Status	36		2.1%	24.4%
	Ejection Code	37		2.0%	24.8%
	Injury Status	39		0.9%	0.9%
	Transported by Code	40		4.9%	68.8%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	17.4%
	Driver Contributing Code	25		4.5%	14.8%
	Driver Distracted By	26		10.4%	15.0%
	License #			1.3%	2.5%
Non-Motorist	NM Type	15		18.2%	15.3%
	NM Action	16		20.2%	19.1%
	NM Location	17		21.1%	18.5%
	NM Condition	18		21.6%	19.7%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	6.4%
	NM Transported by Code	40		14.1%	19.7%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Carlisle
Crash	Light Conditions	1		0.6%	3.3%
	Weather Conditions	2		0.7%	3.3%
	Traffic Control Device Type	4		0.8%	3.3%
	Road Surface	6		0.7%	3.3%
	Roadway Intersection Type	7		0.8%	3.3%
	Trafficway Description	8		1.0%	3.3%
	School Bus Related	9		0.8%	3.3%
	Work Zone Related Code	10		0.8%	3.3%
	First Harmful Event Location	12		0.8%	3.3%
	First Harmful Event	13		0.7%	3.3%
	Road Contributing Circumstances	14		4.2%	3.3%
	Crash Narrative			1.5%	3.3%
	Speed Limit			16.6%	3.3%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	2.1%
	Sequence of Events	23		1.1%	14.6%
	Damaged Area Code	27		7.7%	20.8%
	Towed from Scene?	33		1.5%	4.2%
	Registration #			0.4%	2.1%
	Responding to Emergency?			19.4%	4.2%
	Vehicle Travel Direction			6.6%	4.2%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	1.9%
	Airbag Status	36		2.1%	1.9%
	Ejection Code	37		2.0%	1.9%
	Injury Status	39		0.9%	1.9%
	Transported by Code	40		4.9%	1.9%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	4.3%
	Driver Contributing Code	25		4.5%	8.5%
	Driver Distracted By	26		10.4%	2.1%
	License #			1.3%	0.0%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	0.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Chelmsford
Crash	Light Conditions	1		0.6%	1.2%
	Weather Conditions	2		0.7%	1.2%
	Traffic Control Device Type	4		0.8%	1.2%
	Road Surface	6		0.7%	1.2%
	Roadway Intersection Type	7		0.8%	1.9%
	Trafficway Description	8		1.0%	3.9%
	School Bus Related	9		0.8%	1.2%
	Work Zone Related Code	10		0.8%	1.2%
	First Harmful Event Location	12		0.8%	2.3%
	First Harmful Event	13		0.7%	1.5%
	Road Contributing Circumstances	14		4.2%	2.3%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	1.5%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	1.7%
	Sequence of Events	23		1.1%	1.0%
	Damaged Area Code	27		7.7%	2.1%
	Towed from Scene?	33		1.5%	1.5%
	Registration #			0.4%	1.0%
	Responding to Emergency?			19.4%	23.0%
	Vehicle Travel Direction			6.6%	17.1%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	11.4%
	Airbag Status	36		2.1%	1.3%
	Ejection Code	37		2.0%	0.5%
	Injury Status	39		0.9%	0.2%
	Transported by Code	40		4.9%	88.9%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	1.5%
	Driver Contributing Code	25		4.5%	16.5%
	Driver Distracted By	26		10.4%	39.9%
	License #			1.3%	0.4%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	0.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	50.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Chelsea
Crash	Light Conditions	1		0.6%	0.7%
	Weather Conditions	2		0.7%	0.7%
	Traffic Control Device Type	4		0.8%	0.7%
	Road Surface	6		0.7%	0.7%
	Roadway Intersection Type	7		0.8%	0.7%
	Trafficway Description	8		1.0%	0.7%
	School Bus Related	9		0.8%	0.7%
	Work Zone Related Code	10		0.8%	1.1%
	First Harmful Event Location	12		0.8%	0.7%
	First Harmful Event	13		0.7%	0.7%
	Road Contributing Circumstances	14		4.2%	0.9%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	8.0%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.5%
	Sequence of Events	23		1.1%	1.3%
	Damaged Area Code	27		7.7%	13.4%
	Towed from Scene?	33		1.5%	1.3%
	Registration #			0.4%	0.2%
	Responding to Emergency?			19.4%	6.2%
	Vehicle Travel Direction			6.6%	8.1%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	1.9%
	Airbag Status	36		2.1%	0.9%
	Ejection Code	37		2.0%	0.9%
	Injury Status	39		0.9%	0.5%
	Transported by Code	40		4.9%	1.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	11.8%
	Driver Contributing Code	25		4.5%	1.0%
	Driver Distracted By	26		10.4%	5.8%
	License #			1.3%	6.8%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	18.2%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 1/18/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Chicopee
Crash	Light Conditions	1		0.6%	1.8%
	Weather Conditions	2		0.7%	1.8%
	Traffic Control Device Type	4		0.8%	1.8%
	Road Surface	6		0.7%	1.8%
	Roadway Intersection Type	7		0.8%	1.8%
	Trafficway Description	8		1.0%	1.8%
	School Bus Related	9		0.8%	1.8%
	Work Zone Related Code	10		0.8%	1.9%
	First Harmful Event Location	12		0.8%	1.8%
	First Harmful Event	13		0.7%	1.8%
	Road Contributing Circumstances	14		4.2%	9.3%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	6.8%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	5.6%
	Sequence of Events	23		1.1%	4.4%
	Damaged Area Code	27		7.7%	14.6%
	Towed from Scene?	33		1.5%	6.0%
	Registration #			0.4%	1.0%
	Responding to Emergency?			19.4%	11.2%
	Vehicle Travel Direction			6.6%	13.1%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	0.7%
	Airbag Status	36		2.1%	0.4%
	Ejection Code	37		2.0%	0.4%
	Injury Status	39		0.9%	0.2%
	Transported by Code	40		4.9%	0.8%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	2.8%
	Driver Contributing Code	25		4.5%	0.5%
	Driver Distracted By	26		10.4%	7.5%
	License #			1.3%	1.0%
Non-Motorist	NM Type	15		18.2%	3.1%
	NM Action	16		20.2%	3.1%
	NM Location	17		21.1%	3.1%
	NM Condition	18		21.6%	3.1%
	NM Safety System	35		59.8%	37.5%
	NM Injury Status	39		8.0%	3.1%
	NM Transported by Code	40		14.1%	6.3%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Danvers
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	100.0%
	Crash Narrative			1.5%	0.3%
	Speed Limit			16.6%	3.5%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.0%
	Sequence of Events	23		1.1%	0.0%
	Damaged Area Code	27		7.7%	0.0%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	99.6%
	Vehicle Travel Direction			6.6%	1.6%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	2.8%
	Airbag Status	36		2.1%	2.8%
	Ejection Code	37		2.0%	2.5%
	Injury Status	39		0.9%	0.0%
	Transported by Code	40		4.9%	0.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	6.6%
	Driver Contributing Code	25		4.5%	0.0%
	Driver Distracted By	26		10.4%	100.0%
	License #			1.3%	0.2%
Non-Motorist	NM Type	15		18.2%	28.6%
	NM Action	16		20.2%	28.6%
	NM Location	17		21.1%	28.6%
	NM Condition	18		21.6%	28.6%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Dedham
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.5%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.5%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	1.1%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	0.5%
	Crash Narrative			1.5%	5.3%
	Speed Limit			16.6%	11.8%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.8%
	Sequence of Events	23		1.1%	1.1%
	Damaged Area Code	27		7.7%	7.7%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	0.0%
	Vehicle Travel Direction			6.6%	2.2%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	10.5%
	Airbag Status	36		2.1%	12.1%
	Ejection Code	37		2.0%	11.4%
	Injury Status	39		0.9%	10.8%
	Transported by Code	40		4.9%	14.3%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	7.6%
	Driver Contributing Code	25		4.5%	8.5%
	Driver Distracted By	26		10.4%	8.2%
	License #			1.3%	0.6%
Non-Motorist	NM Type	15		18.2%	47.6%
	NM Action	16		20.2%	52.4%
	NM Location	17		21.1%	52.4%
	NM Condition	18		21.6%	52.4%
	NM Safety System	35		59.8%	81.0%
	NM Injury Status	39		8.0%	33.3%
	NM Transported by Code	40		14.1%	38.1%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

MassDOT Registry of Motor Vehicles
 Crash Report Invalid/Incomplete Field Analysis
 Accepted With Warnings 'AWW' Project

Dracut Local Police

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Dracut
Crash	Light Conditions	1		0.6%	1.8%
	Weather Conditions	2		0.7%	3.5%
	Traffic Control Device Type	4		0.8%	7.0%
	Road Surface	6		0.7%	1.8%
	Roadway Intersection Type	7		0.8%	3.2%
	Trafficway Description	8		1.0%	3.2%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	2.1%
	First Harmful Event	13		0.7%	2.8%
	Road Contributing Circumstances	14		4.2%	2.5%
	Crash Narrative			1.5%	18.2%
	Speed Limit			16.6%	33.7%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	1.6%
	Sequence of Events	23		1.1%	1.2%
	Damaged Area Code	27		7.7%	5.1%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	0.0%
	Vehicle Travel Direction			6.6%	15.3%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	5.7%
	Airbag Status	36		2.1%	6.4%
	Ejection Code	37		2.0%	5.3%
	Injury Status	39		0.9%	3.7%
	Transported by Code	40		4.9%	7.2%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	17.7%
	Driver Contributing Code	25		4.5%	10.0%
	Driver Distracted By	26		10.4%	12.4%
	License #			1.3%	0.9%
Non-Motorist	NM Type	15		18.2%	30.8%
	NM Action	16		20.2%	61.5%
	NM Location	17		21.1%	53.8%
	NM Condition	18		21.6%	46.2%
	NM Safety System	35		59.8%	76.9%
	NM Injury Status	39		8.0%	23.1%
	NM Transported by Code	40		14.1%	30.8%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Edgartown
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	0.0%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	13.8%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	2.2%
	Sequence of Events	23		1.1%	0.0%
	Damaged Area Code	27		7.7%	0.0%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	97.8%
	Vehicle Travel Direction			6.6%	8.9%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	16.7%
	Airbag Status	36		2.1%	16.7%
	Ejection Code	37		2.0%	16.7%
	Injury Status	39		0.9%	0.0%
	Transported by Code	40		4.9%	0.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	61.0%
	Driver Contributing Code	25		4.5%	51.2%
	Driver Distracted By	26		10.4%	51.2%
	License #			1.3%	0.0%
Non-Motorist	NM Type	15		18.2%	11.1%
	NM Action	16		20.2%	11.1%
	NM Location	17		21.1%	11.1%
	NM Condition	18		21.6%	22.2%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Everett
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	1.7%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	0.0%
	Crash Narrative			1.5%	5.1%
	Speed Limit			16.6%	0.0%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.9%
	Sequence of Events	23		1.1%	9.5%
	Damaged Area Code	27		7.7%	8.1%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	37.9%
	Vehicle Travel Direction			6.6%	29.9%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	1.6%
	Airbag Status	36		2.1%	1.6%
	Ejection Code	37		2.0%	0.8%
	Injury Status	39		0.9%	0.8%
	Transported by Code	40		4.9%	0.8%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	12.4%
	Driver Contributing Code	25		4.5%	30.4%
	Driver Distracted By	26		10.4%	2.6%
	License #			1.3%	1.0%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	0.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	33.3%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Fairhaven
Crash	Light Conditions	1		0.6%	0.3%
	Weather Conditions	2		0.7%	0.3%
	Traffic Control Device Type	4		0.8%	0.3%
	Road Surface	6		0.7%	0.3%
	Roadway Intersection Type	7		0.8%	0.3%
	Trafficway Description	8		1.0%	0.3%
	School Bus Related	9		0.8%	0.3%
	Work Zone Related Code	10		0.8%	0.6%
	First Harmful Event Location	12		0.8%	0.3%
	First Harmful Event	13		0.7%	0.3%
	Road Contributing Circumstances	14		4.2%	1.1%
	Crash Narrative			1.5%	0.6%
	Speed Limit			16.6%	3.4%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.6%
	Sequence of Events	23		1.1%	4.5%
	Damaged Area Code	27		7.7%	16.5%
	Towed from Scene?	33		1.5%	2.5%
	Registration #			0.4%	0.3%
	Responding to Emergency?			19.4%	7.4%
	Vehicle Travel Direction			6.6%	7.4%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	1.6%
	Airbag Status	36		2.1%	1.2%
	Ejection Code	37		2.0%	1.2%
	Injury Status	39		0.9%	1.0%
	Transported by Code	40		4.9%	1.2%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	7.3%
	Driver Contributing Code	25		4.5%	4.3%
	Driver Distracted By	26		10.4%	14.5%
	License #			1.3%	1.3%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	40.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 1/18/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Fall River
Crash	Light Conditions	1		0.6%	0.5%
	Weather Conditions	2		0.7%	0.5%
	Traffic Control Device Type	4		0.8%	0.6%
	Road Surface	6		0.7%	0.6%
	Roadway Intersection Type	7		0.8%	0.6%
	Trafficway Description	8		1.0%	0.6%
	School Bus Related	9		0.8%	0.5%
	Work Zone Related Code	10		0.8%	0.6%
	First Harmful Event Location	12		0.8%	0.5%
	First Harmful Event	13		0.7%	0.5%
	Road Contributing Circumstances	14		4.2%	0.7%
	Crash Narrative			1.5%	0.2%
	Speed Limit			16.6%	14.3%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	1.0%
	Sequence of Events	23		1.1%	1.6%
	Damaged Area Code	27		7.7%	9.1%
	Towed from Scene?	33		1.5%	2.0%
	Registration #			0.4%	0.6%
	Responding to Emergency?			19.4%	9.3%
	Vehicle Travel Direction			6.6%	10.5%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	1.0%
	Airbag Status	36		2.1%	0.6%
	Ejection Code	37		2.0%	0.6%
	Injury Status	39		0.9%	0.4%
	Transported by Code	40		4.9%	0.6%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	4.4%
	Driver Contributing Code	25		4.5%	1.0%
	Driver Distracted By	26		10.4%	4.0%
	License #			1.3%	1.8%
Non-Motorist	NM Type	15		18.2%	2.2%
	NM Action	16		20.2%	2.2%
	NM Location	17		21.1%	2.2%
	NM Condition	18		21.6%	2.2%
	NM Safety System	35		59.8%	21.7%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	10.9%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 1/18/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Framingham
Crash	Light Conditions	1		0.6%	0.4%
	Weather Conditions	2		0.7%	0.4%
	Traffic Control Device Type	4		0.8%	0.4%
	Road Surface	6		0.7%	0.4%
	Roadway Intersection Type	7		0.8%	0.4%
	Trafficway Description	8		1.0%	0.4%
	School Bus Related	9		0.8%	0.4%
	Work Zone Related Code	10		0.8%	0.4%
	First Harmful Event Location	12		0.8%	0.4%
	First Harmful Event	13		0.7%	0.4%
	Road Contributing Circumstances	14		4.2%	1.6%
	Crash Narrative			1.5%	0.1%
	Speed Limit			16.6%	73.2%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.1%
	Sequence of Events	23		1.1%	0.1%
	Damaged Area Code	27		7.7%	5.7%
	Towed from Scene?	33		1.5%	13.6%
	Registration #			0.4%	0.5%
	Responding to Emergency?			19.4%	23.4%
	Vehicle Travel Direction			6.6%	20.4%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	2.6%
	Airbag Status	36		2.1%	0.6%
	Ejection Code	37		2.0%	0.6%
	Injury Status	39		0.9%	0.6%
	Transported by Code	40		4.9%	0.6%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	8.3%
	Driver Contributing Code	25		4.5%	0.5%
	Driver Distracted By	26		10.4%	3.2%
	License #			1.3%	0.5%
Non-Motorist	NM Type	15		18.2%	18.6%
	NM Action	16		20.2%	23.3%
	NM Location	17		21.1%	44.2%
	NM Condition	18		21.6%	30.2%
	NM Safety System	35		59.8%	72.1%
	NM Injury Status	39		8.0%	23.3%
	NM Transported by Code	40		14.1%	62.8%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Franklin
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.9%
	Traffic Control Device Type	4		0.8%	0.5%
	Road Surface	6		0.7%	0.5%
	Roadway Intersection Type	7		0.8%	1.4%
	Trafficway Description	8		1.0%	0.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.9%
	Road Contributing Circumstances	14		4.2%	2.4%
	Crash Narrative			1.5%	10.8%
	Speed Limit			16.6%	27.4%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.2%
	Sequence of Events	23		1.1%	1.0%
	Damaged Area Code	27		7.7%	3.7%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	0.0%
	Vehicle Travel Direction			6.6%	1.2%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	11.0%
	Airbag Status	36		2.1%	11.6%
	Ejection Code	37		2.0%	9.2%
	Injury Status	39		0.9%	1.2%
	Transported by Code	40		4.9%	3.1%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	10.9%
	Driver Contributing Code	25		4.5%	8.6%
	Driver Distracted By	26		10.4%	11.2%
	License #			1.3%	1.0%
Non-Motorist	NM Type	15		18.2%	66.7%
	NM Action	16		20.2%	66.7%
	NM Location	17		21.1%	77.8%
	NM Condition	18		21.6%	66.7%
	NM Safety System	35		59.8%	72.2%
	NM Injury Status	39		8.0%	11.1%
	NM Transported by Code	40		14.1%	5.6%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 1/18/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Gloucester
Crash	Light Conditions	1		0.6%	1.2%
	Weather Conditions	2		0.7%	1.2%
	Traffic Control Device Type	4		0.8%	1.2%
	Road Surface	6		0.7%	1.5%
	Roadway Intersection Type	7		0.8%	1.2%
	Trafficway Description	8		1.0%	1.2%
	School Bus Related	9		0.8%	1.2%
	Work Zone Related Code	10		0.8%	1.2%
	First Harmful Event Location	12		0.8%	1.2%
	First Harmful Event	13		0.7%	1.2%
	Road Contributing Circumstances	14		4.2%	1.7%
	Crash Narrative			1.5%	2.7%
	Speed Limit			16.6%	34.9%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	1.3%
	Sequence of Events	23		1.1%	2.0%
	Damaged Area Code	27		7.7%	15.3%
	Towed from Scene?	33		1.5%	3.2%
	Registration #			0.4%	0.8%
	Responding to Emergency?			19.4%	9.0%
	Vehicle Travel Direction			6.6%	12.4%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	1.7%
	Airbag Status	36		2.1%	1.5%
	Ejection Code	37		2.0%	1.5%
	Injury Status	39		0.9%	1.2%
	Transported by Code	40		4.9%	2.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	9.6%
	Driver Contributing Code	25		4.5%	1.3%
	Driver Distracted By	26		10.4%	7.2%
	License #			1.3%	2.3%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	37.5%
	NM Injury Status	39		8.0%	12.5%
	NM Transported by Code	40		14.1%	37.5%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Hardwick
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	0.0%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	8.7%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	3.4%
	Sequence of Events	23		1.1%	6.9%
	Damaged Area Code	27		7.7%	17.2%
	Towed from Scene?	33		1.5%	6.9%
	Registration #			0.4%	3.4%
	Responding to Emergency?			19.4%	10.3%
	Vehicle Travel Direction			6.6%	10.3%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	6.3%
	Airbag Status	36		2.1%	3.1%
	Ejection Code	37		2.0%	3.1%
	Injury Status	39		0.9%	3.1%
	Transported by Code	40		4.9%	3.1%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	3.7%
	Driver Contributing Code	25		4.5%	0.0%
	Driver Distracted By	26		10.4%	3.7%
	License #			1.3%	0.0%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	0.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Haverhill
Crash	Light Conditions	1		0.6%	0.2%
	Weather Conditions	2		0.7%	0.2%
	Traffic Control Device Type	4		0.8%	0.2%
	Road Surface	6		0.7%	0.2%
	Roadway Intersection Type	7		0.8%	0.2%
	Trafficway Description	8		1.0%	0.2%
	School Bus Related	9		0.8%	0.2%
	Work Zone Related Code	10		0.8%	0.2%
	First Harmful Event Location	12		0.8%	0.2%
	First Harmful Event	13		0.7%	0.2%
	Road Contributing Circumstances	14		4.2%	0.2%
	Crash Narrative			1.5%	0.1%
	Speed Limit			16.6%	1.6%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.3%
	Sequence of Events	23		1.1%	0.0%
	Damaged Area Code	27		7.7%	0.0%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.1%
	Responding to Emergency?			19.4%	99.9%
	Vehicle Travel Direction			6.6%	5.3%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	3.8%
	Airbag Status	36		2.1%	4.9%
	Ejection Code	37		2.0%	4.5%
	Injury Status	39		0.9%	0.2%
	Transported by Code	40		4.9%	2.5%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	32.4%
	Driver Contributing Code	25		4.5%	31.5%
	Driver Distracted By	26		10.4%	31.4%
	License #			1.3%	3.6%
Non-Motorist	NM Type	15		18.2%	52.5%
	NM Action	16		20.2%	52.5%
	NM Location	17		21.1%	56.3%
	NM Condition	18		21.6%	55.0%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	7.5%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Holyoke
Crash	Light Conditions	1		0.6%	1.0%
	Weather Conditions	2		0.7%	1.0%
	Traffic Control Device Type	4		0.8%	1.0%
	Road Surface	6		0.7%	1.0%
	Roadway Intersection Type	7		0.8%	1.0%
	Trafficway Description	8		1.0%	1.0%
	School Bus Related	9		0.8%	1.0%
	Work Zone Related Code	10		0.8%	1.5%
	First Harmful Event Location	12		0.8%	1.0%
	First Harmful Event	13		0.7%	1.0%
	Road Contributing Circumstances	14		4.2%	1.7%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	4.8%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	1.2%
	Sequence of Events	23		1.1%	0.9%
	Damaged Area Code	27		7.7%	9.6%
	Towed from Scene?	33		1.5%	3.6%
	Registration #			0.4%	0.6%
	Responding to Emergency?			19.4%	7.5%
	Vehicle Travel Direction			6.6%	7.5%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	1.6%
	Airbag Status	36		2.1%	1.0%
	Ejection Code	37		2.0%	1.0%
	Injury Status	39		0.9%	0.6%
	Transported by Code	40		4.9%	1.2%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	3.2%
	Driver Contributing Code	25		4.5%	1.2%
	Driver Distracted By	26		10.4%	2.4%
	License #			1.3%	1.4%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	24.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	4.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 1/18/19.

MassDOT Registry of Motor Vehicles
 Crash Report Invalid/Incomplete Field Analysis
 Accepted With Warnings 'AWW' Project

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Hull
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	1.6%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	1.6%
	Crash Narrative			1.5%	8.1%
	Speed Limit			16.6%	0.0%
	Crash Diagram			0.7%	35.5%
Vehicle	Vehicle Configuration	21		0.9%	1.0%
	Sequence of Events	23		1.1%	1.9%
	Damaged Area Code	27		7.7%	14.4%
	Towed from Scene?	33		1.5%	5.8%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	6.7%
	Vehicle Travel Direction			6.6%	11.5%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	1.9%
	Airbag Status	36		2.1%	1.0%
	Ejection Code	37		2.0%	1.0%
	Injury Status	39		0.9%	1.0%
	Transported by Code	40		4.9%	1.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	1.1%
	Driver Contributing Code	25		4.5%	1.1%
	Driver Distracted By	26		10.4%	12.6%
	License #			1.3%	1.1%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	0.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Lawrence
Crash	Light Conditions	1		0.6%	0.5%
	Weather Conditions	2		0.7%	0.5%
	Traffic Control Device Type	4		0.8%	0.5%
	Road Surface	6		0.7%	0.5%
	Roadway Intersection Type	7		0.8%	0.5%
	Trafficway Description	8		1.0%	0.5%
	School Bus Related	9		0.8%	0.5%
	Work Zone Related Code	10		0.8%	0.5%
	First Harmful Event Location	12		0.8%	0.5%
	First Harmful Event	13		0.7%	0.5%
	Road Contributing Circumstances	14		4.2%	0.5%
	Crash Narrative			1.5%	0.2%
	Speed Limit			16.6%	7.6%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.3%
	Sequence of Events	23		1.1%	0.1%
	Damaged Area Code	27		7.7%	0.1%
	Towed from Scene?	33		1.5%	0.1%
	Registration #			0.4%	0.2%
	Responding to Emergency?			19.4%	99.7%
	Vehicle Travel Direction			6.6%	6.2%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	4.1%
	Airbag Status	36		2.1%	4.0%
	Ejection Code	37		2.0%	5.7%
	Injury Status	39		0.9%	0.2%
	Transported by Code	40		4.9%	23.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	35.6%
	Driver Contributing Code	25		4.5%	31.4%
	Driver Distracted By	26		10.4%	31.5%
	License #			1.3%	2.0%
Non-Motorist	NM Type	15		18.2%	37.7%
	NM Action	16		20.2%	37.7%
	NM Location	17		21.1%	37.7%
	NM Condition	18		21.6%	44.3%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	6.6%
	NM Transported by Code	40		14.1%	18.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Leverett
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	62.5%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	37.5%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	11.1%
	Sequence of Events	23		1.1%	11.1%
	Damaged Area Code	27		7.7%	22.2%
	Towed from Scene?	33		1.5%	11.1%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	11.1%
	Vehicle Travel Direction			6.6%	11.1%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	10.0%
	Airbag Status	36		2.1%	10.0%
	Ejection Code	37		2.0%	10.0%
	Injury Status	39		0.9%	10.0%
	Transported by Code	40		4.9%	10.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	0.0%
	Driver Contributing Code	25		4.5%	0.0%
	Driver Distracted By	26		10.4%	77.8%
	License #			1.3%	0.0%
Non-Motorist	NM Type	15		18.2%	
	NM Action	16		20.2%	
	NM Location	17		21.1%	
	NM Condition	18		21.6%	
	NM Safety System	35		59.8%	
	NM Injury Status	39		8.0%	
	NM Transported by Code	40		14.1%	
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Lynn
Crash	Light Conditions	1		0.6%	0.3%
	Weather Conditions	2		0.7%	0.3%
	Traffic Control Device Type	4		0.8%	0.3%
	Road Surface	6		0.7%	0.3%
	Roadway Intersection Type	7		0.8%	0.3%
	Trafficway Description	8		1.0%	0.3%
	School Bus Related	9		0.8%	0.3%
	Work Zone Related Code	10		0.8%	0.3%
	First Harmful Event Location	12		0.8%	0.3%
	First Harmful Event	13		0.7%	0.3%
	Road Contributing Circumstances	14		4.2%	100.0%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	1.4%
	Crash Diagram			0.7%	0.1%
Vehicle	Vehicle Configuration	21		0.9%	0.5%
	Sequence of Events	23		1.1%	0.2%
	Damaged Area Code	27		7.7%	0.2%
	Towed from Scene?	33		1.5%	0.2%
	Registration #			0.4%	0.7%
	Responding to Emergency?			19.4%	99.3%
	Vehicle Travel Direction			6.6%	6.9%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	3.8%
	Airbag Status	36		2.1%	3.5%
	Ejection Code	37		2.0%	3.5%
	Injury Status	39		0.9%	0.0%
	Transported by Code	40		4.9%	1.6%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	14.3%
	Driver Contributing Code	25		4.5%	2.5%
	Driver Distracted By	26		10.4%	100.0%
	License #			1.3%	3.8%
Non-Motorist	NM Type	15		18.2%	43.5%
	NM Action	16		20.2%	44.3%
	NM Location	17		21.1%	47.3%
	NM Condition	18		21.6%	47.3%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	4.6%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

MassDOT Registry of Motor Vehicles
 Crash Report Invalid/Incomplete Field Analysis
 Accepted With Warnings 'AWW' Project

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %		
				Statewide	Lynn DTD1	Lynn DTD2
Crash	Light Conditions	1		0.6%	0.3%	0.0%
	Weather Conditions	2		0.7%	0.3%	0.0%
	Traffic Control Device Type	4		0.8%	0.3%	0.0%
	Road Surface	6		0.7%	0.3%	0.0%
	Roadway Intersection Type	7		0.8%	0.3%	0.0%
	Trafficway Description	8		1.0%	0.3%	0.0%
	School Bus Related	9		0.8%	0.3%	0.0%
	Work Zone Related Code	10		0.8%	0.3%	0.0%
	First Harmful Event Location	12		0.8%	0.3%	0.0%
	First Harmful Event	13		0.7%	0.3%	0.0%
	Road Contributing Circumstances	14		4.2%	100.0%	0.0%
	Crash Narrative			1.5%	0.0%	0.4%
	Speed Limit			16.6%	1.4%	97.4%*
	Crash Diagram			0.7%	0.1%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.5%	0.2%
	Sequence of Events	23		1.1%	0.2%	0.0%
	Damaged Area Code	27		7.7%	0.2%	0.0%
	Towed from Scene?	33		1.5%	0.2%	0.0%
	Registration #			0.4%	0.7%	0.0%
	Responding to Emergency?			19.4%	99.3%	100.0%
	Vehicle Travel Direction			6.6%	6.9%	7.3%
Occupant	Safety System	35	excluding 'Unknown'/Parked'	2.5%	3.8%	1.7%
	Airbag Status	36		2.1%	3.5%	1.7%
	Ejection Code	37		2.0%	3.5%	1.7%
	Injury Status	39		0.9%	0.0%	0.0%
	Transported by Code	40		4.9%	1.6%	0.0%
Driver	License Class	19	excluding 'Unknown'/Parked'	7.3%	14.3%	46.9%
	Driver Contributing Code	25		4.5%	2.5%	44.0%
	Driver Distracted By	26		10.4%	100.0%	44.0%
	License #			1.3%	3.8%	0.0%
Non-Motorist	NM Type	15		18.2%	43.5%	48.5%
	NM Action	16		20.2%	44.3%	54.5%
	NM Location	17		21.1%	47.3%	57.6%
	NM Condition	18		21.6%	47.3%	60.6%
	NM Safety System	35		59.8%	100.0%	100.0%
	NM Injury Status	39		8.0%	4.6%	0.0%
	NM Transported by Code	40		14.1%	0.0%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.			
	Interstate	43				
	Cargo Body Type Code	44				
	GVWR/GCWR	45				
	HazMat Placard	47				
	US DOT #					

Analysis completed by UMassSafe using crash data as of 8/14/19.

*Statewide data error under investigation, temporarily disregard

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Malden
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	0.0%
	Crash Narrative			1.5%	0.6%
	Speed Limit			16.6%	8.8%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	1.0%
	Sequence of Events	23		1.1%	0.1%
	Damaged Area Code	27		7.7%	0.1%
	Towed from Scene?	33		1.5%	0.1%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	99.2%
	Vehicle Travel Direction			6.6%	7.7%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	10.6%
	Airbag Status	36		2.1%	11.9%
	Ejection Code	37		2.0%	12.6%
	Injury Status	39		0.9%	0.2%
	Transported by Code	40		4.9%	1.4%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	27.2%
	Driver Contributing Code	25		4.5%	21.8%
	Driver Distracted By	26		10.4%	21.7%
	License #			1.3%	1.5%
Non-Motorist	NM Type	15		18.2%	34.9%
	NM Action	16		20.2%	39.7%
	NM Location	17		21.1%	41.3%
	NM Condition	18		21.6%	41.3%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	3.2%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Marblehead
Crash	Light Conditions	1		0.6%	1.2%
	Weather Conditions	2		0.7%	1.2%
	Traffic Control Device Type	4		0.8%	1.2%
	Road Surface	6		0.7%	1.2%
	Roadway Intersection Type	7		0.8%	1.2%
	Trafficway Description	8		1.0%	1.2%
	School Bus Related	9		0.8%	1.2%
	Work Zone Related Code	10		0.8%	1.2%
	First Harmful Event Location	12		0.8%	1.2%
	First Harmful Event	13		0.7%	1.2%
	Road Contributing Circumstances	14		4.2%	1.2%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	4.7%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.7%
	Sequence of Events	23		1.1%	1.0%
	Damaged Area Code	27		7.7%	13.4%
	Towed from Scene?	33		1.5%	2.4%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	13.4%
	Vehicle Travel Direction			6.6%	17.5%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	0.4%
	Airbag Status	36		2.1%	0.0%
	Ejection Code	37		2.0%	0.0%
	Injury Status	39		0.9%	0.0%
	Transported by Code	40		4.9%	0.4%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	7.4%
	Driver Contributing Code	25		4.5%	0.0%
	Driver Distracted By	26		10.4%	2.8%
	License #			1.3%	1.4%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	12.5%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 1/18/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Medford
Crash	Light Conditions	1		0.6%	1.4%
	Weather Conditions	2		0.7%	1.4%
	Traffic Control Device Type	4		0.8%	1.4%
	Road Surface	6		0.7%	1.4%
	Roadway Intersection Type	7		0.8%	1.4%
	Trafficway Description	8		1.0%	1.4%
	School Bus Related	9		0.8%	1.4%
	Work Zone Related Code	10		0.8%	1.4%
	First Harmful Event Location	12		0.8%	1.4%
	First Harmful Event	13		0.7%	1.4%
	Road Contributing Circumstances	14		4.2%	1.4%
	Crash Narrative			1.5%	0.2%
	Speed Limit			16.6%	10.2%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	3.6%
	Sequence of Events	23		1.1%	0.5%
	Damaged Area Code	27		7.7%	0.5%
	Towed from Scene?	33		1.5%	0.5%
	Registration #			0.4%	0.5%
	Responding to Emergency?			19.4%	97.7%
	Vehicle Travel Direction			6.6%	8.9%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	17.5%
	Airbag Status	36		2.1%	15.9%
	Ejection Code	37		2.0%	15.9%
	Injury Status	39		0.9%	1.5%
	Transported by Code	40		4.9%	4.4%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	38.4%
	Driver Contributing Code	25		4.5%	34.3%
	Driver Distracted By	26		10.4%	34.6%
	License #			1.3%	3.9%
Non-Motorist	NM Type	15		18.2%	36.7%
	NM Action	16		20.2%	40.0%
	NM Location	17		21.1%	43.3%
	NM Condition	18		21.6%	43.3%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	6.7%
	NM Transported by Code	40		14.1%	6.7%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Medway
Crash	Light Conditions	1		0.6%	0.9%
	Weather Conditions	2		0.7%	0.9%
	Traffic Control Device Type	4		0.8%	1.7%
	Road Surface	6		0.7%	2.6%
	Roadway Intersection Type	7		0.8%	9.5%
	Trafficway Description	8		1.0%	11.2%
	School Bus Related	9		0.8%	0.9%
	Work Zone Related Code	10		0.8%	0.9%
	First Harmful Event Location	12		0.8%	0.9%
	First Harmful Event	13		0.7%	0.9%
	Road Contributing Circumstances	14		4.2%	10.3%
	Crash Narrative			1.5%	26.7%
	Speed Limit			16.6%	51.7%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	1.8%
	Sequence of Events	23		1.1%	2.3%
	Damaged Area Code	27		7.7%	4.6%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	0.0%
	Vehicle Travel Direction			6.6%	5.5%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	19.0%
	Airbag Status	36		2.1%	25.4%
	Ejection Code	37		2.0%	20.9%
	Injury Status	39		0.9%	19.4%
	Transported by Code	40		4.9%	26.5%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	13.2%
	Driver Contributing Code	25		4.5%	20.3%
	Driver Distracted By	26		10.4%	31.1%
	License #			1.3%	0.0%
Non-Motorist	NM Type	15		18.2%	100.0%
	NM Action	16		20.2%	50.0%
	NM Location	17		21.1%	50.0%
	NM Condition	18		21.6%	100.0%
	NM Safety System	35		59.8%	50.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Methuen
Crash	Light Conditions	1		0.6%	1.0%
	Weather Conditions	2		0.7%	1.0%
	Traffic Control Device Type	4		0.8%	1.4%
	Road Surface	6		0.7%	1.0%
	Roadway Intersection Type	7		0.8%	1.7%
	Trafficway Description	8		1.0%	3.2%
	School Bus Related	9		0.8%	1.0%
	Work Zone Related Code	10		0.8%	1.0%
	First Harmful Event Location	12		0.8%	6.2%
	First Harmful Event	13		0.7%	1.0%
	Road Contributing Circumstances	14		4.2%	3.3%
	Crash Narrative			1.5%	0.3%
	Speed Limit			16.6%	8.4%
	Crash Diagram			0.7%	0.4%
Vehicle	Vehicle Configuration	21		0.9%	0.3%
	Sequence of Events	23		1.1%	1.2%
	Damaged Area Code	27		7.7%	1.0%
	Towed from Scene?	33		1.5%	2.4%
	Registration #			0.4%	0.3%
	Responding to Emergency?			19.4%	7.7%
	Vehicle Travel Direction			6.6%	4.0%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	11.5%
	Airbag Status	36		2.1%	0.7%
	Ejection Code	37		2.0%	0.5%
	Injury Status	39		0.9%	0.7%
	Transported by Code	40		4.9%	83.2%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	4.6%
	Driver Contributing Code	25		4.5%	11.2%
	Driver Distracted By	26		10.4%	31.8%
	License #			1.3%	1.6%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	11.1%
	NM Condition	18		21.6%	11.1%
	NM Safety System	35		59.8%	0.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	55.6%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Middleton
Crash	Light Conditions	1		0.6%	1.1%
	Weather Conditions	2		0.7%	1.1%
	Traffic Control Device Type	4		0.8%	1.1%
	Road Surface	6		0.7%	1.1%
	Roadway Intersection Type	7		0.8%	1.1%
	Trafficway Description	8		1.0%	1.1%
	School Bus Related	9		0.8%	1.1%
	Work Zone Related Code	10		0.8%	2.1%
	First Harmful Event Location	12		0.8%	1.1%
	First Harmful Event	13		0.7%	1.1%
	Road Contributing Circumstances	14		4.2%	4.3%
	Crash Narrative			1.5%	1.1%
	Speed Limit			16.6%	86.2%
	Crash Diagram			0.7%	3.2%
Vehicle	Vehicle Configuration	21		0.9%	0.0%
	Sequence of Events	23		1.1%	0.6%
	Damaged Area Code	27		7.7%	0.6%
	Towed from Scene?	33		1.5%	2.2%
	Registration #			0.4%	0.6%
	Responding to Emergency?			19.4%	32.6%
	Vehicle Travel Direction			6.6%	17.1%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	4.4%
	Airbag Status	36		2.1%	3.6%
	Ejection Code	37		2.0%	3.6%
	Injury Status	39		0.9%	3.6%
	Transported by Code	40		4.9%	4.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	3.4%
	Driver Contributing Code	25		4.5%	0.6%
	Driver Distracted By	26		10.4%	1.1%
	License #			1.3%	0.0%
Non-Motorist	NM Type	15		18.2%	
	NM Action	16		20.2%	
	NM Location	17		21.1%	
	NM Condition	18		21.6%	
	NM Safety System	35		59.8%	
	NM Injury Status	39		8.0%	
	NM Transported by Code	40		14.1%	
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Milford
Crash	Light Conditions	1		0.6%	0.9%
	Weather Conditions	2		0.7%	0.9%
	Traffic Control Device Type	4		0.8%	0.9%
	Road Surface	6		0.7%	0.9%
	Roadway Intersection Type	7		0.8%	0.9%
	Trafficway Description	8		1.0%	0.9%
	School Bus Related	9		0.8%	0.9%
	Work Zone Related Code	10		0.8%	0.9%
	First Harmful Event Location	12		0.8%	0.9%
	First Harmful Event	13		0.7%	0.9%
	Road Contributing Circumstances	14		4.2%	1.4%
	Crash Narrative			1.5%	5.6%
	Speed Limit			16.6%	23.2%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.8%
	Sequence of Events	23		1.1%	2.0%
	Damaged Area Code	27		7.7%	11.0%
	Towed from Scene?	33		1.5%	1.7%
	Registration #			0.4%	0.4%
	Responding to Emergency?			19.4%	5.9%
	Vehicle Travel Direction			6.6%	8.2%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	1.1%
	Airbag Status	36		2.1%	0.9%
	Ejection Code	37		2.0%	0.9%
	Injury Status	39		0.9%	0.5%
	Transported by Code	40		4.9%	1.4%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	8.3%
	Driver Contributing Code	25		4.5%	1.1%
	Driver Distracted By	26		10.4%	9.9%
	License #			1.3%	3.2%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	41.2%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	11.8%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 1/18/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Milton
Crash	Light Conditions	1		0.6%	0.4%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	1.3%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	1.7%
	Trafficway Description	8		1.0%	1.7%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.9%
	First Harmful Event	13		0.7%	0.4%
	Road Contributing Circumstances	14		4.2%	1.7%
	Crash Narrative			1.5%	2.1%
	Speed Limit			16.6%	18.0%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.7%
	Sequence of Events	23		1.1%	2.0%
	Damaged Area Code	27		7.7%	3.3%
	Towed from Scene?	33		1.5%	0.7%
	Registration #			0.4%	0.7%
	Responding to Emergency?			19.4%	0.4%
	Vehicle Travel Direction			6.6%	2.4%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	10.7%
	Airbag Status	36		2.1%	17.5%
	Ejection Code	37		2.0%	11.4%
	Injury Status	39		0.9%	9.1%
	Transported by Code	40		4.9%	13.6%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	10.8%
	Driver Contributing Code	25		4.5%	10.5%
	Driver Distracted By	26		10.4%	16.4%
	License #			1.3%	0.5%
Non-Motorist	NM Type	15		18.2%	30.8%
	NM Action	16		20.2%	38.5%
	NM Location	17		21.1%	38.5%
	NM Condition	18		21.6%	61.5%
	NM Safety System	35		59.8%	69.2%
	NM Injury Status	39		8.0%	15.4%
	NM Transported by Code	40		14.1%	15.4%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	New Bedford
Crash	Light Conditions	1		0.6%	1.0%
	Weather Conditions	2		0.7%	1.0%
	Traffic Control Device Type	4		0.8%	1.0%
	Road Surface	6		0.7%	1.0%
	Roadway Intersection Type	7		0.8%	1.0%
	Trafficway Description	8		1.0%	1.1%
	School Bus Related	9		0.8%	1.1%
	Work Zone Related Code	10		0.8%	1.2%
	First Harmful Event Location	12		0.8%	1.0%
	First Harmful Event	13		0.7%	1.0%
	Road Contributing Circumstances	14		4.2%	1.2%
	Crash Narrative			1.5%	0.1%
	Speed Limit			16.6%	9.5%
	Crash Diagram			0.7%	0.1%
Vehicle	Vehicle Configuration	21		0.9%	1.1%
	Sequence of Events	23		1.1%	2.8%
	Damaged Area Code	27		7.7%	10.2%
	Towed from Scene?	33		1.5%	2.4%
	Registration #			0.4%	0.9%
	Responding to Emergency?			19.4%	10.6%
	Vehicle Travel Direction			6.6%	11.4%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	1.0%
	Airbag Status	36		2.1%	0.7%
	Ejection Code	37		2.0%	0.7%
	Injury Status	39		0.9%	0.6%
	Transported by Code	40		4.9%	0.7%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	6.3%
	Driver Contributing Code	25		4.5%	1.8%
	Driver Distracted By	26		10.4%	3.9%
	License #			1.3%	2.6%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	14.9%
	NM Injury Status	39		8.0%	2.7%
	NM Transported by Code	40		14.1%	4.1%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 1/18/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Newton
Crash	Light Conditions	1		0.6%	0.4%
	Weather Conditions	2		0.7%	0.4%
	Traffic Control Device Type	4		0.8%	0.4%
	Road Surface	6		0.7%	0.4%
	Roadway Intersection Type	7		0.8%	0.4%
	Trafficway Description	8		1.0%	0.4%
	School Bus Related	9		0.8%	0.4%
	Work Zone Related Code	10		0.8%	0.4%
	First Harmful Event Location	12		0.8%	0.4%
	First Harmful Event	13		0.7%	0.4%
	Road Contributing Circumstances	14		4.2%	0.4%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	1.2%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.9%
	Sequence of Events	23		1.1%	0.1%
	Damaged Area Code	27		7.7%	0.1%
	Towed from Scene?	33		1.5%	0.1%
	Registration #			0.4%	0.1%
	Responding to Emergency?			19.4%	99.8%
	Vehicle Travel Direction			6.6%	3.4%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	3.5%
	Airbag Status	36		2.1%	3.3%
	Ejection Code	37		2.0%	3.5%
	Injury Status	39		0.9%	0.1%
	Transported by Code	40		4.9%	1.7%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	26.0%
	Driver Contributing Code	25		4.5%	24.3%
	Driver Distracted By	26		10.4%	23.9%
	License #			1.3%	2.2%
Non-Motorist	NM Type	15		18.2%	42.9%
	NM Action	16		20.2%	51.4%
	NM Location	17		21.1%	51.4%
	NM Condition	18		21.6%	52.9%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	2.9%
	NM Transported by Code	40		14.1%	4.3%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	North Attleboro
Crash	Light Conditions	1		0.6%	1.6%
	Weather Conditions	2		0.7%	1.2%
	Traffic Control Device Type	4		0.8%	3.5%
	Road Surface	6		0.7%	2.3%
	Roadway Intersection Type	7		0.8%	5.6%
	Trafficway Description	8		1.0%	9.7%
	School Bus Related	9		0.8%	0.7%
	Work Zone Related Code	10		0.8%	0.7%
	First Harmful Event Location	12		0.8%	3.7%
	First Harmful Event	13		0.7%	3.9%
	Road Contributing Circumstances	14		4.2%	5.6%
	Crash Narrative			1.5%	4.6%
	Speed Limit			16.6%	43.6%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	3.5%
	Sequence of Events	23		1.1%	2.2%
	Damaged Area Code	27		7.7%	4.8%
	Towed from Scene?	33		1.5%	0.1%
	Registration #			0.4%	0.1%
	Responding to Emergency?			19.4%	0.3%
	Vehicle Travel Direction			6.6%	12.5%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	22.0%
	Airbag Status	36		2.1%	23.5%
	Ejection Code	37		2.0%	21.9%
	Injury Status	39		0.9%	21.3%
	Transported by Code	40		4.9%	24.5%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	26.9%
	Driver Contributing Code	25		4.5%	24.0%
	Driver Distracted By	26		10.4%	40.6%
	License #			1.3%	0.8%
Non-Motorist	NM Type	15		18.2%	68.4%
	NM Action	16		20.2%	73.7%
	NM Location	17		21.1%	73.7%
	NM Condition	18		21.6%	81.6%
	NM Safety System	35		59.8%	84.2%
	NM Injury Status	39		8.0%	34.2%
	NM Transported by Code	40		14.1%	52.6%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Northborough
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	2.3%
	Traffic Control Device Type	4		0.8%	0.8%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.8%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.8%
	First Harmful Event	13		0.7%	0.8%
	Road Contributing Circumstances	14		4.2%	0.8%
	Crash Narrative			1.5%	1.5%
	Speed Limit			16.6%	2.3%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.4%
	Sequence of Events	23		1.1%	1.3%
	Damaged Area Code	27		7.7%	3.8%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.4%
	Responding to Emergency?			19.4%	0.0%
	Vehicle Travel Direction			6.6%	1.7%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	12.0%
	Airbag Status	36		2.1%	12.0%
	Ejection Code	37		2.0%	11.7%
	Injury Status	39		0.9%	5.4%
	Transported by Code	40		4.9%	12.3%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	2.6%
	Driver Contributing Code	25		4.5%	2.2%
	Driver Distracted By	26		10.4%	1.7%
	License #			1.3%	0.0%
Non-Motorist	NM Type	15		18.2%	92.0%
	NM Action	16		20.2%	92.0%
	NM Location	17		21.1%	92.0%
	NM Condition	18		21.6%	92.0%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	92.0%
	NM Transported by Code	40		14.1%	92.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Northbridge
Crash	Light Conditions	1		0.6%	2.3%
	Weather Conditions	2		0.7%	2.3%
	Traffic Control Device Type	4		0.8%	2.3%
	Road Surface	6		0.7%	2.3%
	Roadway Intersection Type	7		0.8%	2.3%
	Trafficway Description	8		1.0%	3.0%
	School Bus Related	9		0.8%	3.0%
	Work Zone Related Code	10		0.8%	2.3%
	First Harmful Event Location	12		0.8%	2.3%
	First Harmful Event	13		0.7%	2.3%
	Road Contributing Circumstances	14		4.2%	2.3%
	Crash Narrative			1.5%	0.8%
	Speed Limit			16.6%	25.8%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	1.8%
	Sequence of Events	23		1.1%	2.3%
	Damaged Area Code	27		7.7%	13.1%
	Towed from Scene?	33		1.5%	11.3%
	Registration #			0.4%	0.9%
	Responding to Emergency?			19.4%	11.3%
	Vehicle Travel Direction			6.6%	14.0%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	0.4%
	Airbag Status	36		2.1%	0.4%
	Ejection Code	37		2.0%	0.4%
	Injury Status	39		0.9%	0.4%
	Transported by Code	40		4.9%	0.4%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	3.7%
	Driver Contributing Code	25		4.5%	2.7%
	Driver Distracted By	26		10.4%	8.5%
	License #			1.3%	2.7%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	33.3%
	NM Injury Status	39		8.0%	33.3%
	NM Transported by Code	40		14.1%	33.3%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Norton
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.5%
	Traffic Control Device Type	4		0.8%	4.8%
	Road Surface	6		0.7%	1.0%
	Roadway Intersection Type	7		0.8%	5.7%
	Trafficway Description	8		1.0%	7.7%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	1.9%
	First Harmful Event	13		0.7%	1.9%
	Road Contributing Circumstances	14		4.2%	4.3%
	Crash Narrative			1.5%	1.9%
	Speed Limit			16.6%	40.7%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	1.4%
	Sequence of Events	23		1.1%	2.5%
	Damaged Area Code	27		7.7%	9.6%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	0.0%
	Vehicle Travel Direction			6.6%	7.7%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	9.7%
	Airbag Status	36		2.1%	15.0%
	Ejection Code	37		2.0%	9.5%
	Injury Status	39		0.9%	9.0%
	Transported by Code	40		4.9%	13.9%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	15.8%
	Driver Contributing Code	25		4.5%	16.4%
	Driver Distracted By	26		10.4%	39.4%
	License #			1.3%	0.9%
Non-Motorist	NM Type	15		18.2%	69.2%
	NM Action	16		20.2%	69.2%
	NM Location	17		21.1%	76.9%
	NM Condition	18		21.6%	84.6%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	38.5%
	NM Transported by Code	40		14.1%	46.2%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Plainville
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.7%
	Traffic Control Device Type	4		0.8%	2.1%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	4.1%
	Trafficway Description	8		1.0%	2.1%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.7%
	Road Contributing Circumstances	14		4.2%	4.1%
	Crash Narrative			1.5%	14.4%
	Speed Limit			16.6%	43.8%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.7%
	Sequence of Events	23		1.1%	1.4%
	Damaged Area Code	27		7.7%	1.8%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	0.0%
	Vehicle Travel Direction			6.6%	5.8%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	7.8%
	Airbag Status	36		2.1%	15.0%
	Ejection Code	37		2.0%	15.0%
	Injury Status	39		0.9%	6.3%
	Transported by Code	40		4.9%	22.8%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	15.0%
	Driver Contributing Code	25		4.5%	24.1%
	Driver Distracted By	26		10.4%	41.0%
	License #			1.3%	0.0%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	0.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Quincy
Crash	Light Conditions	1		0.6%	0.1%
	Weather Conditions	2		0.7%	0.1%
	Traffic Control Device Type	4		0.8%	0.1%
	Road Surface	6		0.7%	0.1%
	Roadway Intersection Type	7		0.8%	0.1%
	Trafficway Description	8		1.0%	0.1%
	School Bus Related	9		0.8%	0.1%
	Work Zone Related Code	10		0.8%	0.1%
	First Harmful Event Location	12		0.8%	0.1%
	First Harmful Event	13		0.7%	0.1%
	Road Contributing Circumstances	14		4.2%	0.1%
	Crash Narrative			1.5%	0.2%
	Speed Limit			16.6%	1.0%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.3%
	Sequence of Events	23		1.1%	0.0%
	Damaged Area Code	27		7.7%	0.0%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	99.7%
	Vehicle Travel Direction			6.6%	4.1%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	2.0%
	Airbag Status	36		2.1%	2.0%
	Ejection Code	37		2.0%	2.1%
	Injury Status	39		0.9%	0.0%
	Transported by Code	40		4.9%	0.9%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	24.7%
	Driver Contributing Code	25		4.5%	23.7%
	Driver Distracted By	26		10.4%	23.6%
	License #			1.3%	1.2%
Non-Motorist	NM Type	15		18.2%	29.7%
	NM Action	16		20.2%	31.1%
	NM Location	17		21.1%	31.1%
	NM Condition	18		21.6%	31.1%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	4.1%
	NM Transported by Code	40		14.1%	1.4%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Revere
Crash	Light Conditions	1		0.6%	1.4%
	Weather Conditions	2		0.7%	1.4%
	Traffic Control Device Type	4		0.8%	1.6%
	Road Surface	6		0.7%	1.6%
	Roadway Intersection Type	7		0.8%	1.4%
	Trafficway Description	8		1.0%	1.4%
	School Bus Related	9		0.8%	1.6%
	Work Zone Related Code	10		0.8%	1.6%
	First Harmful Event Location	12		0.8%	1.4%
	First Harmful Event	13		0.7%	1.4%
	Road Contributing Circumstances	14		4.2%	1.4%
	Crash Narrative			1.5%	4.3%
	Speed Limit			16.6%	20.1%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	1.4%
	Sequence of Events	23		1.1%	2.0%
	Damaged Area Code	27		7.7%	10.8%
	Towed from Scene?	33		1.5%	3.1%
	Registration #			0.4%	0.7%
	Responding to Emergency?			19.4%	11.5%
	Vehicle Travel Direction			6.6%	13.3%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	0.6%
	Airbag Status	36		2.1%	0.6%
	Ejection Code	37		2.0%	0.4%
	Injury Status	39		0.9%	0.4%
	Transported by Code	40		4.9%	0.6%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	12.6%
	Driver Contributing Code	25		4.5%	0.3%
	Driver Distracted By	26		10.4%	3.9%
	License #			1.3%	3.9%
Non-Motorist	NM Type	15		18.2%	4.2%
	NM Action	16		20.2%	8.3%
	NM Location	17		21.1%	8.3%
	NM Condition	18		21.6%	8.3%
	NM Safety System	35		59.8%	41.7%
	NM Injury Status	39		8.0%	8.3%
	NM Transported by Code	40		14.1%	12.5%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Shrewsbury
Crash	Light Conditions	1		0.6%	3.6%
	Weather Conditions	2		0.7%	3.8%
	Traffic Control Device Type	4		0.8%	5.8%
	Road Surface	6		0.7%	4.1%
	Roadway Intersection Type	7		0.8%	5.0%
	Trafficway Description	8		1.0%	6.0%
	School Bus Related	9		0.8%	0.2%
	Work Zone Related Code	10		0.8%	0.2%
	First Harmful Event Location	12		0.8%	5.3%
	First Harmful Event	13		0.7%	4.3%
	Road Contributing Circumstances	14		4.2%	4.6%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	56.6%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.4%
	Sequence of Events	23		1.1%	2.2%
	Damaged Area Code	27		7.7%	7.7%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	0.0%
	Vehicle Travel Direction			6.6%	24.6%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	8.5%
	Airbag Status	36		2.1%	8.2%
	Ejection Code	37		2.0%	7.6%
	Injury Status	39		0.9%	7.7%
	Transported by Code	40		4.9%	7.7%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	4.2%
	Driver Contributing Code	25		4.5%	6.9%
	Driver Distracted By	26		10.4%	9.5%
	License #			1.3%	0.4%
Non-Motorist	NM Type	15		18.2%	41.7%
	NM Action	16		20.2%	75.0%
	NM Location	17		21.1%	75.0%
	NM Condition	18		21.6%	83.3%
	NM Safety System	35		59.8%	91.7%
	NM Injury Status	39		8.0%	25.0%
	NM Transported by Code	40		14.1%	16.7%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Somerville
Crash	Light Conditions	1		0.6%	1.0%
	Weather Conditions	2		0.7%	2.2%
	Traffic Control Device Type	4		0.8%	3.8%
	Road Surface	6		0.7%	2.2%
	Roadway Intersection Type	7		0.8%	3.8%
	Trafficway Description	8		1.0%	5.7%
	School Bus Related	9		0.8%	5.1%
	Work Zone Related Code	10		0.8%	5.1%
	First Harmful Event Location	12		0.8%	2.9%
	First Harmful Event	13		0.7%	6.1%
	Road Contributing Circumstances	14		4.2%	4.5%
	Crash Narrative			1.5%	0.3%
	Speed Limit			16.6%	23.6%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	2.2%
	Sequence of Events	23		1.1%	2.9%
	Damaged Area Code	27		7.7%	3.9%
	Towed from Scene?	33		1.5%	0.7%
	Registration #			0.4%	0.2%
	Responding to Emergency?			19.4%	97.6%
	Vehicle Travel Direction			6.6%	17.5%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	18.1%
	Airbag Status	36		2.1%	19.0%
	Ejection Code	37		2.0%	19.0%
	Injury Status	39		0.9%	9.8%
	Transported by Code	40		4.9%	19.7%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	39.0%
	Driver Contributing Code	25		4.5%	35.9%
	Driver Distracted By	26		10.4%	37.0%
	License #			1.3%	0.0%
Non-Motorist	NM Type	15		18.2%	7.7%
	NM Action	16		20.2%	15.4%
	NM Location	17		21.1%	13.5%
	NM Condition	18		21.6%	15.4%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	7.7%
	NM Transported by Code	40		14.1%	9.6%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Springfield
Crash	Light Conditions	1		0.6%	0.3%
	Weather Conditions	2		0.7%	0.3%
	Traffic Control Device Type	4		0.8%	0.4%
	Road Surface	6		0.7%	0.3%
	Roadway Intersection Type	7		0.8%	0.3%
	Trafficway Description	8		1.0%	0.3%
	School Bus Related	9		0.8%	0.3%
	Work Zone Related Code	10		0.8%	0.4%
	First Harmful Event Location	12		0.8%	0.3%
	First Harmful Event	13		0.7%	0.3%
	Road Contributing Circumstances	14		4.2%	0.5%
	Crash Narrative			1.5%	0.1%
	Speed Limit			16.6%	26.5%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	3.9%
	Sequence of Events	23		1.1%	2.0%
	Damaged Area Code	27		7.7%	9.7%
	Towed from Scene?	33		1.5%	3.0%
	Registration #			0.4%	1.4%
	Responding to Emergency?			19.4%	7.5%
	Vehicle Travel Direction			6.6%	6.9%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	1.0%
	Airbag Status	36		2.1%	0.9%
	Ejection Code	37		2.0%	0.9%
	Injury Status	39		0.9%	0.4%
	Transported by Code	40		4.9%	1.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	3.7%
	Driver Contributing Code	25		4.5%	0.8%
	Driver Distracted By	26		10.4%	2.0%
	License #			1.3%	1.6%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	29.3%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	1.4%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 1/18/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Stoneham
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	0.0%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	1.4%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.0%
	Sequence of Events	23		1.1%	0.0%
	Damaged Area Code	27		7.7%	0.0%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	100.0%
	Vehicle Travel Direction			6.6%	3.4%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	5.7%
	Airbag Status	36		2.1%	4.1%
	Ejection Code	37		2.0%	4.1%
	Injury Status	39		0.9%	0.0%
	Transported by Code	40		4.9%	1.6%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	35.1%
	Driver Contributing Code	25		4.5%	33.9%
	Driver Distracted By	26		10.4%	33.9%
	License #			1.3%	2.1%
Non-Motorist	NM Type	15		18.2%	40.0%
	NM Action	16		20.2%	46.7%
	NM Location	17		21.1%	53.3%
	NM Condition	18		21.6%	60.0%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	6.7%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Swampscott
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	100.0%
	Crash Narrative			1.5%	1.0%
	Speed Limit			16.6%	1.0%
	Crash Diagram			0.7%	1.0%
Vehicle	Vehicle Configuration	21		0.9%	0.0%
	Sequence of Events	23		1.1%	0.0%
	Damaged Area Code	27		7.7%	0.0%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	100.0%
	Vehicle Travel Direction			6.6%	4.3%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	5.4%
	Airbag Status	36		2.1%	6.8%
	Ejection Code	37		2.0%	6.8%
	Injury Status	39		0.9%	0.0%
	Transported by Code	40		4.9%	0.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	8.7%
	Driver Contributing Code	25		4.5%	0.0%
	Driver Distracted By	26		10.4%	100.0%
	License #			1.3%	0.6%
Non-Motorist	NM Type	15		18.2%	10.0%
	NM Action	16		20.2%	10.0%
	NM Location	17		21.1%	10.0%
	NM Condition	18		21.6%	20.0%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Taunton
Crash	Light Conditions	1		0.6%	0.7%
	Weather Conditions	2		0.7%	0.8%
	Traffic Control Device Type	4		0.8%	0.7%
	Road Surface	6		0.7%	0.8%
	Roadway Intersection Type	7		0.8%	1.8%
	Trafficway Description	8		1.0%	2.5%
	School Bus Related	9		0.8%	3.1%
	Work Zone Related Code	10		0.8%	0.8%
	First Harmful Event Location	12		0.8%	0.7%
	First Harmful Event	13		0.7%	0.7%
	Road Contributing Circumstances	14		4.2%	1.0%
	Crash Narrative			1.5%	1.3%
	Speed Limit			16.6%	28.9%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.3%
	Sequence of Events	23		1.1%	0.8%
	Damaged Area Code	27		7.7%	8.3%
	Towed from Scene?	33		1.5%	1.5%
	Registration #			0.4%	0.2%
	Responding to Emergency?			19.4%	17.1%
	Vehicle Travel Direction			6.6%	9.5%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	1.6%
	Airbag Status	36		2.1%	1.3%
	Ejection Code	37		2.0%	1.4%
	Injury Status	39		0.9%	1.4%
	Transported by Code	40		4.9%	1.4%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	3.0%
	Driver Contributing Code	25		4.5%	0.4%
	Driver Distracted By	26		10.4%	1.4%
	License #			1.3%	0.5%
Non-Motorist	NM Type	15		18.2%	7.7%
	NM Action	16		20.2%	7.7%
	NM Location	17		21.1%	7.7%
	NM Condition	18		21.6%	7.7%
	NM Safety System	35		59.8%	30.8%
	NM Injury Status	39		8.0%	15.4%
	NM Transported by Code	40		14.1%	15.4%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 1/18/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Waltham
Crash	Light Conditions	1		0.6%	0.4%
	Weather Conditions	2		0.7%	0.5%
	Traffic Control Device Type	4		0.8%	1.0%
	Road Surface	6		0.7%	0.5%
	Roadway Intersection Type	7		0.8%	0.5%
	Trafficway Description	8		1.0%	0.6%
	School Bus Related	9		0.8%	1.2%
	Work Zone Related Code	10		0.8%	1.3%
	First Harmful Event Location	12		0.8%	0.6%
	First Harmful Event	13		0.7%	1.0%
	Road Contributing Circumstances	14		4.2%	1.4%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	9.9%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.3%
	Sequence of Events	23		1.1%	0.3%
	Damaged Area Code	27		7.7%	0.5%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	99.8%
	Vehicle Travel Direction			6.6%	7.3%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	3.2%
	Airbag Status	36		2.1%	3.3%
	Ejection Code	37		2.0%	3.3%
	Injury Status	39		0.9%	1.1%
	Transported by Code	40		4.9%	3.5%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	23.3%
	Driver Contributing Code	25		4.5%	18.0%
	Driver Distracted By	26		10.4%	18.4%
	License #			1.3%	1.5%
Non-Motorist	NM Type	15		18.2%	20.9%
	NM Action	16		20.2%	20.9%
	NM Location	17		21.1%	20.9%
	NM Condition	18		21.6%	20.9%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	9.3%
	NM Transported by Code	40		14.1%	11.6%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	West Tisbury
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.0%
	Trafficway Description	8		1.0%	0.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	0.0%
	Crash Narrative			1.5%	0.0%
	Speed Limit			16.6%	10.6%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.0%
	Sequence of Events	23		1.1%	0.0%
	Damaged Area Code	27		7.7%	0.0%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	100.0%
	Vehicle Travel Direction			6.6%	1.4%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	7.5%
	Airbag Status	36		2.1%	10.4%
	Ejection Code	37		2.0%	6.6%
	Injury Status	39		0.9%	0.0%
	Transported by Code	40		4.9%	0.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	62.7%
	Driver Contributing Code	25		4.5%	53.7%
	Driver Distracted By	26		10.4%	53.7%
	License #			1.3%	0.0%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Winchester
Crash	Light Conditions	1		0.6%	0.0%
	Weather Conditions	2		0.7%	0.0%
	Traffic Control Device Type	4		0.8%	0.0%
	Road Surface	6		0.7%	0.0%
	Roadway Intersection Type	7		0.8%	0.8%
	Trafficway Description	8		1.0%	2.4%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.0%
	First Harmful Event	13		0.7%	0.0%
	Road Contributing Circumstances	14		4.2%	11.4%
	Crash Narrative			1.5%	2.4%
	Speed Limit			16.6%	0.0%
	Crash Diagram			0.7%	7.3%
Vehicle	Vehicle Configuration	21		0.9%	0.9%
	Sequence of Events	23		1.1%	8.8%
	Damaged Area Code	27		7.7%	1.8%
	Towed from Scene?	33		1.5%	1.8%
	Registration #			0.4%	0.9%
	Responding to Emergency?			19.4%	18.9%
	Vehicle Travel Direction			6.6%	6.6%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	8.6%
	Airbag Status	36		2.1%	0.8%
	Ejection Code	37		2.0%	0.8%
	Injury Status	39		0.9%	1.2%
	Transported by Code	40		4.9%	38.9%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	2.8%
	Driver Contributing Code	25		4.5%	10.3%
	Driver Distracted By	26		10.4%	35.5%
	License #			1.3%	0.5%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	0.0%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Winthrop
Crash	Light Conditions	1		0.6%	2.8%
	Weather Conditions	2		0.7%	2.8%
	Traffic Control Device Type	4		0.8%	2.8%
	Road Surface	6		0.7%	2.8%
	Roadway Intersection Type	7		0.8%	2.8%
	Trafficway Description	8		1.0%	2.8%
	School Bus Related	9		0.8%	2.8%
	Work Zone Related Code	10		0.8%	3.7%
	First Harmful Event Location	12		0.8%	2.8%
	First Harmful Event	13		0.7%	2.8%
	Road Contributing Circumstances	14		4.2%	2.8%
	Crash Narrative			1.5%	7.4%
	Speed Limit			16.6%	11.1%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	1.1%
	Sequence of Events	23		1.1%	1.1%
	Damaged Area Code	27		7.7%	15.8%
	Towed from Scene?	33		1.5%	1.1%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	12.0%
	Vehicle Travel Direction			6.6%	17.9%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	3.0%
	Airbag Status	36		2.1%	2.4%
	Ejection Code	37		2.0%	2.4%
	Injury Status	39		0.9%	1.2%
	Transported by Code	40		4.9%	3.6%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	5.9%
	Driver Contributing Code	25		4.5%	3.7%
	Driver Distracted By	26		10.4%	8.1%
	License #			1.3%	5.1%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	33.3%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	0.0%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 3/5/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Woburn
Crash	Light Conditions	1		0.6%	0.9%
	Weather Conditions	2		0.7%	0.9%
	Traffic Control Device Type	4		0.8%	1.1%
	Road Surface	6		0.7%	0.9%
	Roadway Intersection Type	7		0.8%	0.9%
	Trafficway Description	8		1.0%	0.9%
	School Bus Related	9		0.8%	1.3%
	Work Zone Related Code	10		0.8%	1.3%
	First Harmful Event Location	12		0.8%	0.9%
	First Harmful Event	13		0.7%	0.9%
	Road Contributing Circumstances	14		4.2%	1.8%
	Crash Narrative			1.5%	0.7%
	Speed Limit			16.6%	89.5%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.5%
	Sequence of Events	23		1.1%	1.7%
	Damaged Area Code	27		7.7%	8.2%
	Towed from Scene?	33		1.5%	2.3%
	Registration #			0.4%	0.4%
	Responding to Emergency?			19.4%	9.3%
	Vehicle Travel Direction			6.6%	9.7%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	0.9%
	Airbag Status	36		2.1%	0.6%
	Ejection Code	37		2.0%	0.6%
	Injury Status	39		0.9%	0.6%
	Transported by Code	40		4.9%	1.0%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	3.1%
	Driver Contributing Code	25		4.5%	1.0%
	Driver Distracted By	26		10.4%	5.2%
	License #			1.3%	0.9%
Non-Motorist	NM Type	15		18.2%	0.0%
	NM Action	16		20.2%	0.0%
	NM Location	17		21.1%	0.0%
	NM Condition	18		21.6%	0.0%
	NM Safety System	35		59.8%	45.5%
	NM Injury Status	39		8.0%	0.0%
	NM Transported by Code	40		14.1%	9.1%
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
	US DOT #				

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 1/18/19.

Category	Field Name	Field #	Criteria Notes	Invalid/Incomplete %	
				Statewide	Wrentham
Crash	Light Conditions	1		0.6%	0.6%
	Weather Conditions	2		0.7%	1.1%
	Traffic Control Device Type	4		0.8%	9.4%
	Road Surface	6		0.7%	0.6%
	Roadway Intersection Type	7		0.8%	2.8%
	Trafficway Description	8		1.0%	5.0%
	School Bus Related	9		0.8%	0.0%
	Work Zone Related Code	10		0.8%	0.0%
	First Harmful Event Location	12		0.8%	0.6%
	First Harmful Event	13		0.7%	0.6%
	Road Contributing Circumstances	14		4.2%	8.3%
	Crash Narrative			1.5%	4.4%
	Speed Limit			16.6%	43.6%
	Crash Diagram			0.7%	0.0%
Vehicle	Vehicle Configuration	21		0.9%	0.3%
	Sequence of Events	23		1.1%	3.3%
	Damaged Area Code	27		7.7%	1.5%
	Towed from Scene?	33		1.5%	0.0%
	Registration #			0.4%	0.0%
	Responding to Emergency?			19.4%	0.0%
	Vehicle Travel Direction			6.6%	6.1%
Occupant	Safety System	35	excluding 'Unknown'/'Parked'	2.5%	6.6%
	Airbag Status	36		2.1%	5.3%
	Ejection Code	37		2.0%	4.5%
	Injury Status	39		0.9%	2.8%
	Transported by Code	40		4.9%	10.9%
Driver	License Class	19	excluding 'Unknown'/'Parked'	7.3%	18.9%
	Driver Contributing Code	25		4.5%	16.0%
	Driver Distracted By	26		10.4%	19.5%
	License #			1.3%	0.0%
Non-Motorist	NM Type	15		18.2%	33.3%
	NM Action	16		20.2%	100.0%
	NM Location	17		21.1%	100.0%
	NM Condition	18		21.6%	100.0%
	NM Safety System	35		59.8%	100.0%
	NM Injury Status	39		8.0%	33.3%
NM Transported by Code	40		14.1%	0.0%	
Truck & Bus	Carrier Name		Warning only issued/applicable if one of the other T&B fields are completed.		
	Interstate	43			
	Cargo Body Type Code	44			
	GVWR/GCWR	45			
	HazMat Placard	47			
US DOT #					

*Analysis completed by UMassSafe using crash data from 6/1/18-12/31/18 as of 1/18/19.