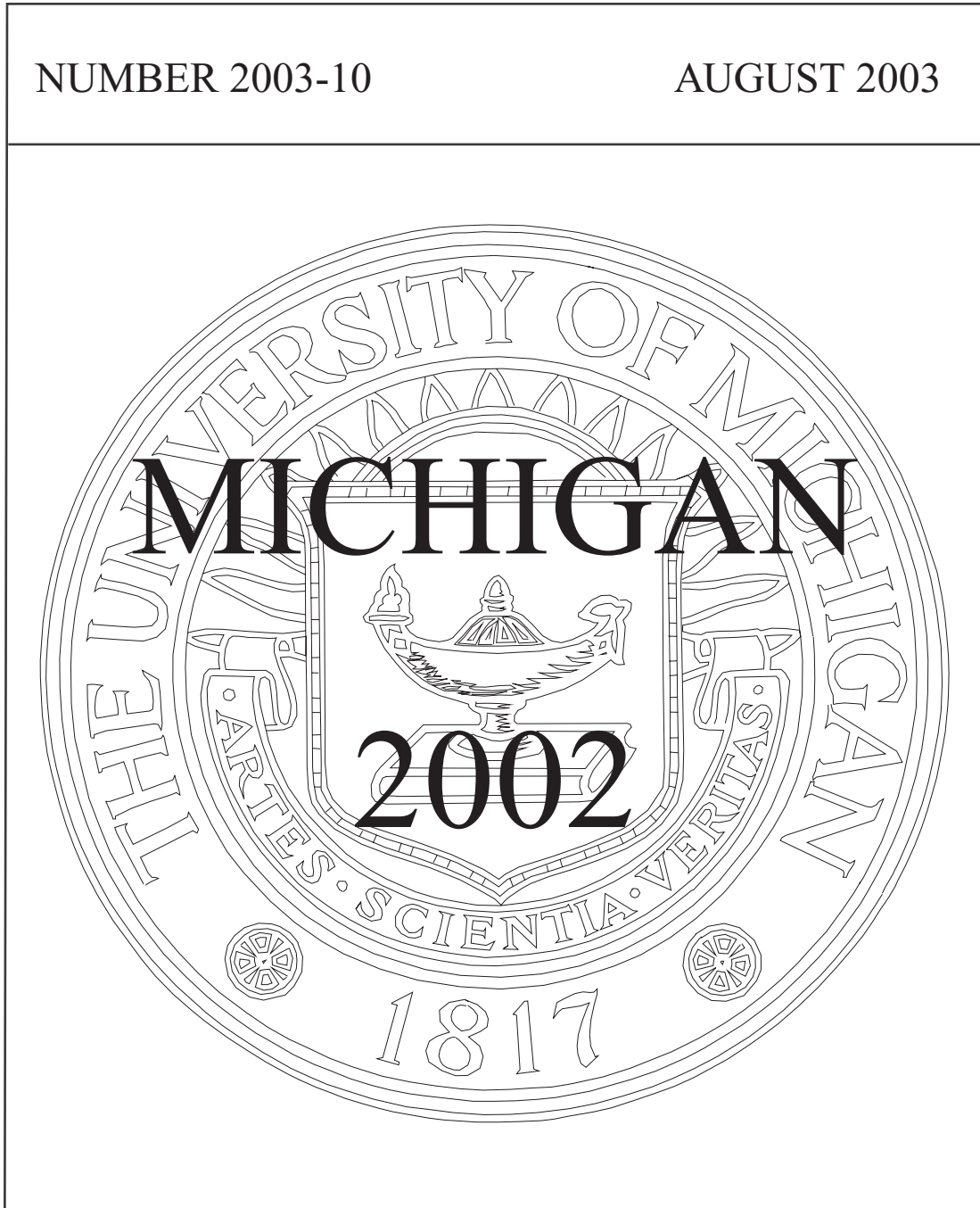


Transportation Data Center  
Data Set Codebook

NUMBER 2003-10

AUGUST 2003



The University of Michigan  
Transportation Research Institute



STATE OF MICHIGAN  
2002 MOTOR VEHICLE ACCIDENT CODEBOOK

INTRODUCTION

This code book documents data sets describing motor vehicle accidents that occurred in the State of Michigan during calendar year 2002. The data sets were developed by the Transportation Data Center at the University of Michigan's Transportation Research Institute from data supplied by the Michigan State Police. The cooperation of that agency is gratefully acknowledged.

Special note: The 2002 Michigan pedestrian and bicyclist records were not all processed correctly when received by the MSP. Approximately one third of these records indicate "driver" for occupant position and this is the only identification available for the nonmotorist vehicle record (v101-VEHICLE TYPE is "other"). The crash-level flags, v50-FLAG:PEDESTRIAN and V52-FLAG:BICYCLIST correctly identify all such crashes as they used information not subsequently available on the computerized crash record. The variable v51-FLAG:NMT REC PRESENT, derived by TDC, is not correct as it relied on the driver position variable.

Two separate data set categories have been built from the original Motor Vehicle Accident data supplied by the state.

- 1) All reported accidents that occurred in Michigan in 2002, known as the "Census" data.
- 2) All accidents in which at least one truck supplement record was found. Vehicles without a truck supplement record were given "not applicable" code values for truck supplement variables.

The table below provides summary information for each category (such as the "key" that provides access in ADAAS).

## 2002 MICHIGAN DATA SETS

CATEGORY	KEY	VARIABLES	CASES
Census	MICØ2ACC	1-76	395,515
	MICØ2VEH	1-76, 100-173	683,704
	MICØ2OCC	1-76, 100-173, 300-311	714,657
Truck	MITØ2ACC	1-76	13,515
	MITØ2VEH	1-76, 100-173, 200-224	26,021
	MITØ2OCC	1-76, 100-173, 200-224, 300-311	27,092

Each of the two data set categories have been constructed in three distinct formats: an Accident data set, a Vehicle data set, and an Occupant data set.

- 1) The Accident data set (described by variables 1 through 76) includes one record for each accident. General accident information not specific to any vehicle or its occupants is found in this data set (e.g., time of day, accident type, etc.).
- 2) The Vehicle data set (described by variables 1 through 76, and 100 through 173) includes one record for every "traffic unit" (motor vehicles, pedestrians, pedalcyclists, etc.) involved in the accident. Variables 100 through 173 describe specific characteristics of the traffic unit, while 1 through 76 repeat the accident description. The truck data variables (described by variables 200 through 224), enumerated in the Vehicle data set immediately following the Census data set univariates, include one record for every traffic unit involved in an accident where a supplemental truck record was present.

3) The Occupant data set (described by variables 1 through 76, 100 through 173, and 300 through 311) includes one record for every driver or injured occupant involved in the accident. Some uninjured, non-driver occupants are present as well. Variables 300 through 311 describe specific characteristics of the traffic unit occupants, while 1 through 76, and 100 through 173, repeat the accident and traffic unit descriptions. The truck data set will also include variables 200 through 224, repeating the truck supplement traffic unit descriptions.

This code book documents the variable names and code values for all the individual Michigan data sets. The univariate frequency counts and percentages for each variable apply to the Census data sets and to the truck vehicle data set where applicable. In using the univariate frequencies, the following convention should be noted: frequencies for variables 1 through 76 were derived from the Accident data set, frequencies for variables 100 through 173 were derived from the Vehicle data set, frequencies for variables 200 through 224 were derived from the Truck Vehicle data set, and frequencies for variables 300 through 311 were derived from the Occupant data set.

The definitions of the code values described in the codebook were taken from a document known as the "Official State of Michigan Crash File Layout" (*last revision May 23, 2001*) that was produced by the Data Processing Section of the Michigan State Police Criminal Justice Information Center. Other code definitions are self-explanatory counters that the Transportation Data Center has included as an aid for analysts. Unlabeled code values indicate erroneous coding in the data received.

While every effort has been made to provide accurate, reliable data, inconsistencies may arise from the source data or from the reformatting procedures used. Consequently, the Data Center

cannot guarantee the accuracy of the data but will try to resolve any discrepancies that are found. Any comments or suggestions concerning the data or the codebook may be made by calling the Data Center at (734) 763-3230 or by emailing TDC-UMTRI@umich.edu.

For more information about our full line of services, please visit our website: <http://www.umtri.umich.edu/tdc/>. The most current TDC codebooks are available there in PDF format and codebooks can now be ordered online.

STATE OF MICHIGAN  
2002 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
1	TDC-UMTRI CASE NUMBER	6	Numeric	1
2	ACCIDENT MONTH	2	Numeric	1
3	ACCIDENT DAY	2	Numeric	1
4	ACCIDENT YEAR	4	Numeric	1
5	TIME OF DAY	2	Numeric	2
6	WEEK OF YEAR	2	Numeric	2
7	JULIAN DAY FROM 3-1-1900	5	Numeric	3
8	DAY OF WEEK	1	Numeric	4
9	HOUR OF WEEK	3	Numeric	4
10	COUNTY	2	Numeric	7
11	CITY OR TOWNSHIP	2	Numeric	9
12	CONTROL SECTION	1	Numeric	9
13	HIGHWAY CLASS	1	Numeric	10
14	HIGHWAY NUMBER	3	Numeric	10
15	HIGHWAY CONTROL SECTION	5	Numeric	10
16	CONTROL SECTION MLPT	4	Numeric	10
17	LOCATION FLAG	1	Numeric	10
18	LOCATION ERROR	2	Numeric	11
19	ORIG DIRECTION	2	Numeric	11
20	NUMBER OF TRAFFIC LANES	2	Numeric	12
21	RELATION TO ROADWAY	1	Numeric	12
22	AREA OF ROAD AT CRASH	2	Numeric	12
23	ROAD CONDITIONS	1	Numeric	13
24	SPEED LIMIT AT CRASHSITE	2	Numeric	14
25	POSTED SPEED LIMIT	1	Numeric	14
26	TRAFFIC CONTROL	1	Numeric	14
27	CONSTRUCTION TYPE	1	Numeric	14
28	CONSTRUCTION LANE CLOSED	1	Numeric	15
29	CONSTRUCTION ACTIVITY	1	Numeric	15
30	WEATHER	1	Numeric	15
31	LIGHT	1	Numeric	15
32	CRASH TYPE	2	Numeric	16
33	CRASH INVESTGTD AT SCENE	1	Numeric	16
34	COMPLAINT STATUS	1	Numeric	16
35	PUBLIC PROPERTY DAMAGED	1	Numeric	17
36	TRAFFIC UNIT MIX	2	Numeric	17
37	NUMBER TRUCK SUPPL FORMS	3	Numeric	17
38	TOTAL UNITS REPORTED	2	Numeric	18
39	TOTAL NONPARKED UNITS	2	Numeric	18
40	FLAG: SPECIAL LOCAL STDY	1	Numeric	18
41	FLAG: SPECIAL STATE STDY	1	Numeric	19
42	FLAG: NO SPECIAL CIRCUMS	1	Numeric	19
43	FLAG: HIT AND RUN	1	Numeric	19
44	FLAG: FLEEING /PURSUING	1	Numeric	19
45	FLAG: DEER INVOLV/ASSOC	1	Numeric	20
46	FLAG: DEER CG	1	Numeric	20
47	FLAG: SCHOOL BUS INV/ASC	1	Numeric	20
48	FLAG: SCHOOL BUS CG	1	Numeric	20
49	FLAG: DRINKING OPERATOR	1	Numeric	21
50	FLAG: PEDESTRIAN	1	Numeric	21

STATE OF MICHIGAN  
2002 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
51	FLAG: NMT REC PRESENT	1	Numeric	21
52	FLAG: BICYCLIST	1	Numeric	21
53	FLAG: SNOWMOBILE	1	Numeric	22
54	FLAG: MOTORCYCLE	1	Numeric	22
55	FLAG: ORV INVOLVED	1	Numeric	22
56	FLAG: FARM EQUIPMENT	1	Numeric	22
57	FLAG: TRAIN ACCIDENT	1	Numeric	22
58	FLAG: TRUCK OR BUS	1	Numeric	23
59	FLAG: EMERGENCY VEHICLE	1	Numeric	23
60	FLAG: NONTRAFFIC CRASH	1	Numeric	23
61	FLAG: PROPERTY DAMAGE	1	Numeric	23
62	FLAG: INJURY CRASH	1	Numeric	24
63	FLAG: FATAL CRASH	1	Numeric	24
64	NUMBER INJURED IN CRASH	2	Numeric	24
65	NUMBER FATAL IN CRASH	2	Numeric	25
66	WORST INJURY IN ACCIDENT	1	Numeric	25
67	TOTAL KILLED IN ACC	2	Numeric	25
68	TOTAL A-INJURED IN ACC	2	Numeric	25
69	TOTAL B-INJURED IN ACC	2	Numeric	26
70	TOTAL C-INJURED IN ACC	2	Numeric	26
71	TOTAL INJURED IN ACC	2	Numeric	26
72	TOTAL CASUALTIES IN ACC	2	Numeric	27
73	TOTAL UNINJURED IN ACC	2	Numeric	27
74	TRAFFICWAY	2	Numeric	28
75	ACCESS CONTROL	2	Numeric	28
76	FLAG: DRUG USE	1	Numeric	28



STATE OF MICHIGAN  
2002 - Vehicle/Driver

Variable Number	Variable Name	Width	Storage Type	Page Number
100	UNIT NUMBER	2	Numeric	29
101	VEHICLE TYPE	2	Numeric	29
102	CDL TRUCK TYPE	2	Numeric	30
103	CDL TRUCK BODY STYLE	2	Numeric	31
104	SPECIAL VEHICLE	1	Numeric	31
105	VEHICLE USE	2	Numeric	31
106	VEHICLE DEFECT	1	Numeric	32
107	NONCOMM TRAILER CONFIG	1	Numeric	32
108	REGISTRATION STATE	2	Numeric	32
109	WORST IMPACT POINT	2	Numeric	34
110	EXTENT OF DAMAGE	1	Numeric	34
111	DRIVEABLE AFTER CRASH	1	Numeric	34
112	ACTION PRIOR TO CRASH	2	Numeric	35
113	DIRECTION OF TRAVEL	2	Numeric	36
114	HARMFUL EVENT #1	2	Numeric	36
115	HARMFUL EVENT #2	2	Numeric	37
116	HARMFUL EVENT #3	2	Numeric	38
117	HARMFUL EVENT #4	2	Numeric	39
118	EVENT 1 MOST HARMFUL	1	Numeric	41
119	EVENT 2 MOST HARMFUL	1	Numeric	41
120	EVENT 3 MOST HARMFUL	1	Numeric	41
121	EVENT 4 MOST HARMFUL	1	Numeric	41
122	MOST HARMFUL EVENT	2	Numeric	42
123	HAZARDOUS ACTION	2	Numeric	43
124	DRIVER HAZARDOUS CITATN	1	Numeric	43
125	DRIVER OTHER CITATION	1	Numeric	43
126	DRINKING INFORMATION	1	Numeric	44
127	REFUSAL INFORMATION	1	Numeric	44
128	FIELD SOBRIETY TEST	1	Numeric	44
129	PBT TEST	1	Numeric	44
130	BREATHALYZER TEST	1	Numeric	44
131	URINE TEST	1	Numeric	45
132	BLOOD TEST	1	Numeric	45
133	TOTAL OCCUPANTS IN VEH	2	Numeric	45
134	COMPUTED NUMBER FATAL	3	Numeric	45
135	COMPUTED NUMBER INJURED	3	Numeric	46
136	TU WORST INJURY	1	Numeric	46
137	TU TOTAL KILLED	2	Numeric	47
138	TU TOTAL A INJURED	2	Numeric	47
139	TU TOTAL B INJURED	2	Numeric	47
140	TU TOTAL C INJURED	2	Numeric	48
141	TU TOTAL INJURED	2	Numeric	48
142	TU TOTAL CASUALTIES	2	Numeric	49
143	TU TOTAL UNINJURED	1	Numeric	49
144	TOTAL OCC RECS FOR TU	2	Numeric	49
145	TDC-UMTRI UNIT NUMBER	2	Numeric	50
146	DRIVER POSITION	2	Numeric	50
147	DRIVER RESTRAINT	2	Numeric	51
148	DRIVER AIRBAG	1	Numeric	51
149	DRIVER EJECTION	1	Numeric	51

STATE OF MICHIGAN  
2002 - Vehicle/Driver

Variable Number	Variable Name	Width	Storage Type	Page Number
150	DRIVER TRAPPED	1	Numeric	52
151	DRIVER LICENSE STATE	2	Numeric	52
152	LICENSE TYPE	1	Numeric	53
153	LICENSE TYPE - CYCLE	1	Numeric	54
154	LICENSE TYPE - FARM	1	Numeric	54
155	LICENSE-RECREATIONAL DBL	1	Numeric	54
156	DRIVER BIRTH DATE	8	Numeric	54
157	DRIVER AGE	3	Numeric	54
158	DRIVER SEX	1	Numeric	55
159	DRIVER DEGREE OF INJURY	1	Numeric	55
160	DRIVER CONDITION #1	2	Numeric	55
161	DRIVER CONDITION #2	2	Numeric	56
162	DRIVER CONDITION #3	2	Numeric	56
163	DRIVER CONDITION #4	2	Numeric	56
164	DRIVER CONDITION #5	2	Numeric	56
165	DRIVER CONDITION #6	2	Numeric	56
166	DRIVER CONDITION #7	2	Numeric	57
167	DRIVER CONDITION #8	2	Numeric	57
168	DRIVER CONDITION #9	2	Numeric	57
169	DRIVER CONDITION #99	2	Numeric	57
170	DRUG USE	2	Numeric	57
171	FLAG: BLOOD TEST	1	Numeric	58
172	FLAG: URINE TEST	1	Numeric	58
173	IGNITION INTERLOCK	1	Numeric	58

STATE OF MICHIGAN  
2002 - Truck

Variable Number	Variable Name	Width	Storage Type	Page Number
200	CDL GROUP TYPE	1	Numeric	59
201	CDL H ENDORSEMENT	1	Numeric	59
202	CDL N ENDORSEMENT	1	Numeric	59
203	CDL P ENDORSEMENT	1	Numeric	60
204	CDL T ENDORSEMENT	1	Numeric	60
205	CDL X ENDORSEMENT	1	Numeric	60
206	CDL EXEMPT	1	Numeric	60
207	MEDICAL CARD	1	Numeric	61
208	CDL RESTRICTION 28	1	Numeric	61
209	CDL RESTRICTION 29	1	Numeric	61
210	CDL RESTRICTION 30	1	Numeric	62
211	CDL RESTRICTION 35	1	Numeric	62
212	CDL RESTRICTION 36	1	Numeric	62
213	CDL LICENSE STATE	2	Numeric	62
214	SOURCE OF CDL INFO	1	Numeric	64
215	INTER/INTRA STATE	1	Numeric	64
216	GROSS VEH WEIGHT RATING	6	Numeric	64
217	HAZMAT: TYPE	4	Numeric	65
218	HAZMAT: CLASS	2	Numeric	65
219	HAZMAT: PLACARD	1	Numeric	65
220	HAZMAT: SPILL	1	Numeric	65
221	TYPE & AXLES - 1ST UNIT	2	Alphabetic	65
222	TYPE & AXLES - 2ND UNIT	2	Alphabetic	66
223	TYPE & AXLES - 3RD UNIT	2	Alphabetic	66
224	TYPE & AXLES - 4TH UNIT	2	Alphabetic	66



STATE OF MICHIGAN  
2002 - Person Injury

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
300	UNIT NUMBER	2	Numeric	67
301	PERSON NUMBER	3	Numeric	67
302	PERSON POSITION	2	Numeric	67
303	PERSON RESTRAINT	2	Numeric	68
304	PERSON AIRBAG	1	Numeric	68
305	PERSON EJECTION	1	Numeric	69
306	PERSON TRAPPED	1	Numeric	69
307	BIRTH DATE	8	Numeric	69
308	AGE	3	Numeric	69
309	PERSON SEX	1	Numeric	70
310	PERSON DEGREE OF INJ	1	Numeric	70
311	AMBULANCE CODE	4	Alphabetic	70



The ACCIDENT Variables

Variables 1 through 76 describe the accident. They are included in the Accident, Vehicle, and Occupant data sets. The Accident data set includes these variables and no others.

Variable 1	TDC-UMTRI CASE NUMBER	Width: 6	Type: Numeric
		Dec: None	Miss: 0

Variable 2	ACCIDENT MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
1126	8.3	35917	9.1	1 January
1035	7.7	30607	7.7	2 February
1002	7.4	31515	8.0	3 March
883	6.5	27648	7.0	4 April
1123	8.3	31993	8.1	5 May
1163	8.6	31821	8.0	6 June
1127	8.3	29975	7.6	7 July
1152	8.5	29766	7.5	8 August
1186	8.8	30892	7.8	9 September
1310	9.7	36766	9.3	10 October
1164	8.6	38184	9.7	11 November
1244	9.2	40431	10.2	12 December

Variable 3	ACCIDENT DAY	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
389	2.9	12641	3.2	1
				- Day of month
291	2.2	7803	2.0	31

Variable 4	ACCIDENT YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: None

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description	
13515	100.0	395515	100.0
		2002	2002

STATE OF MICHIGAN  
2002 - Accident

Variable 5	TIME OF DAY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
127	0.9	6562	1.7	0 12:00 mid. - 1:00 a.m.
127	0.9	6482	1.6	1 1:00 a.m. - 2:00 a.m.
128	0.9	6625	1.7	2 2:00 a.m. - 3:00 a.m.
119	0.9	4540	1.1	3 3:00 a.m. - 4:00 a.m.
119	0.9	3980	1.0	4 4:00 a.m. - 5:00 a.m.
184	1.4	6781	1.7	5 5:00 a.m. - 6:00 a.m.
431	3.2	11622	2.9	6 6:00 a.m. - 7:00 a.m.
909	6.7	20021	5.1	7 7:00 a.m. - 8:00 a.m.
1040	7.7	16838	4.3	8 8:00 a.m. - 9:00 a.m.
881	6.5	12938	3.3	9 9:00 a.m. - 10:00 a.m.
949	7.0	13827	3.5	10 10:00 a.m. - 11:00 a.m.
965	7.1	17170	4.3	11 11:00 a.m. - 12:00 noon
1031	7.6	20251	5.1	12 12:00 noon - 1:00 p.m.
901	6.7	19043	4.8	13 1:00 p.m. - 2:00 p.m.
1043	7.7	22784	5.8	14 2:00 p.m. - 3:00 p.m.
1095	8.1	28061	7.1	15 3:00 p.m. - 4:00 p.m.
903	6.7	27449	6.9	16 4:00 p.m. - 5:00 p.m.
601	4.4	28921	7.3	17 5:00 p.m. - 6:00 p.m.
415	3.1	24938	6.3	18 6:00 p.m. - 7:00 p.m.
263	1.9	18822	4.8	19 7:00 p.m. - 8:00 p.m.
218	1.6	15463	3.9	20 8:00 p.m. - 9:00 p.m.
196	1.5	14620	3.7	21 9:00 p.m. - 10:00 p.m.
160	1.2	12909	3.3	22 10:00 p.m. - 11:00 p.m.
150	1.1	10417	2.6	23 11:00 p.m. - 12:00 mid.
1	0.0	84	0.0	24 Midnight
550	4.1	22859	5.8	77 Uncoded & errors
9	0.1	1508	0.4	99 Unknown

Variable 6	WEEK OF YEAR	Width: 2	Type: Numeric
		Dec: None	Miss: 99

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
194	1.4	8038	2.0	1 January 1 - January 7
240	1.8	7933	2.0	2 January 8 - January 14
284	2.1	9117	2.3	3 January 15 - January 21
206	1.5	6327	1.6	4 January 22 - January 28
344	2.5	9511	2.4	5 January 29 - February 4
246	1.8	7240	1.8	6 February 5 - February 11
199	1.5	6456	1.6	7 February 12 - February 18
208	1.5	6851	1.7	8 February 19 - February 25
385	2.8	10052	2.5	9 February 26 - March 3
252	1.9	8163	2.1	10 March 4 - March 10
188	1.4	5681	1.4	11 March 11 - March 17
250	1.8	7059	1.8	12 March 18 - March 24
182	1.3	6353	1.6	13 March 25 - March 31
192	1.4	6318	1.6	14 April 1 - April 7
198	1.5	6688	1.7	15 April 8 - April 15
243	1.8	6448	1.6	16 April 15 - April 21





STATE OF MICHIGAN  
2002 - Accident

Variable 8	DAY OF WEEK	Width: 1	Type: Numeric
		Dec: None	Miss: 9

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description	
347 2.6	40914 10.3	1	Sunday
2615 19.3	58888 14.9	2	Monday
2554 18.9	58887 14.9	3	Tuesday
2494 18.5	59045 14.9	4	Wednesday
2390 17.7	58158 14.7	5	Thursday
2392 17.7	66663 16.9	6	Friday
723 5.3	52960 13.4	7	Saturday

Variable 9	HOUR OF WEEK	Width: 3	Type: Numeric
		Dec: None	Miss: 999

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description	
11 0.1	1586 0.4	0	12:00 a.m. - 12:59 a.m. Sunday
7 0.1	1616 0.4	1	1:00 a.m. - 1:59 a.m. Sunday
6 0.0	1758 0.4	2	2:00 a.m. - 2:59 a.m. Sunday
11 0.1	1096 0.3	3	3:00 a.m. - 3:59 a.m. Sunday
7 0.1	752 0.2	4	4:00 a.m. - 4:59 a.m. Sunday
8 0.1	725 0.2	5	5:00 a.m. - 5:59 a.m. Sunday
9 0.1	756 0.2	6	6:00 a.m. - 6:59 a.m. Sunday
10 0.1	773 0.2	7	7:00 a.m. - 7:59 a.m. Sunday
9 0.1	783 0.2	8	8:00 a.m. - 8:59 a.m. Sunday
17 0.1	1151 0.3	9	9:00 a.m. - 9:59 a.m. Sunday
19 0.1	1395 0.4	10	10:00 a.m. - 10:59 a.m. Sunday
14 0.1	1631 0.4	11	11:00 a.m. - 11:59 a.m. Sunday
21 0.2	2133 0.5	12	12:00 noon - 12:59 p.m. Sunday
22 0.2	2179 0.6	13	1:00 p.m. - 1:59 p.m. Sunday
14 0.1	2182 0.6	14	2:00 p.m. - 2:59 p.m. Sunday
20 0.1	2156 0.5	15	3:00 p.m. - 3:59 p.m. Sunday
18 0.1	2133 0.5	16	4:00 p.m. - 4:59 p.m. Sunday
20 0.1	2221 0.6	17	5:00 p.m. - 5:59 p.m. Sunday
13 0.1	2452 0.6	18	6:00 p.m. - 6:59 p.m. Sunday
16 0.1	2194 0.6	19	7:00 p.m. - 7:59 p.m. Sunday
13 0.1	1983 0.5	20	8:00 p.m. - 8:59 p.m. Sunday
13 0.1	1825 0.5	21	9:00 p.m. - 9:59 p.m. Sunday
14 0.1	1638 0.4	22	10:00 p.m. - 10:59 p.m. Sunday
18 0.1	1241 0.3	23	11:00 p.m. - 11:59 p.m. Sunday
13 0.1	665 0.2	24	12:00 a.m. - 12:59 a.m. Monday
19 0.1	637 0.2	25	1:00 a.m. - 1:59 a.m. Monday
26 0.2	577 0.1	26	2:00 a.m. - 2:59 a.m. Monday
20 0.1	454 0.1	27	3:00 a.m. - 3:59 a.m. Monday
29 0.2	540 0.1	28	4:00 a.m. - 4:59 a.m. Monday
30 0.2	1048 0.3	29	5:00 a.m. - 5:59 a.m. Monday
79 0.6	2051 0.5	30	6:00 a.m. - 6:59 a.m. Monday
155 1.1	3576 0.9	31	7:00 a.m. - 7:59 a.m. Monday
238 1.8	3118 0.8	32	8:00 a.m. - 8:59 a.m. Monday
175 1.3	2259 0.6	33	9:00 a.m. - 9:59 a.m. Monday
195 1.4	2324 0.6	34	10:00 a.m. - 10:59 a.m. Monday
183 1.4	2713 0.7	35	11:00 a.m. - 11:59 a.m. Monday

STATE OF MICHIGAN  
2002 - Accident

Variable 9: HOUR OF WEEK (Continued)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
206	1.5	3314	0.8	36	12:00 noon - 12:59 p.m. Monday
194	1.4	3008	0.8	37	1:00 p.m. - 1:59 p.m. Monday
233	1.7	3851	1.0	38	2:00 p.m. - 2:59 p.m. Monday
221	1.6	4680	1.2	39	3:00 p.m. - 3:59 p.m. Monday
185	1.4	4258	1.1	40	4:00 p.m. - 4:59 p.m. Monday
103	0.8	4279	1.1	41	5:00 p.m. - 5:59 p.m. Monday
76	0.6	3261	0.8	42	6:00 p.m. - 6:59 p.m. Monday
37	0.3	2518	0.6	43	7:00 p.m. - 7:59 p.m. Monday
33	0.2	1915	0.5	44	8:00 p.m. - 8:59 p.m. Monday
34	0.3	1760	0.4	45	9:00 p.m. - 9:59 p.m. Monday
18	0.1	1424	0.4	46	10:00 p.m. - 10:59 p.m. Monday
23	0.2	1043	0.3	47	11:00 p.m. - 11:59 p.m. Monday
19	0.1	685	0.2	48	12:00 a.m. - 12:59 a.m. Tuesday
16	0.1	617	0.2	49	1:00 a.m. - 1:59 a.m. Tuesday
15	0.1	568	0.1	50	2:00 a.m. - 2:59 a.m. Tuesday
16	0.1	439	0.1	51	3:00 a.m. - 3:59 a.m. Tuesday
14	0.1	495	0.1	52	4:00 a.m. - 4:59 a.m. Tuesday
26	0.2	1053	0.3	53	5:00 a.m. - 5:59 a.m. Tuesday
87	0.6	1966	0.5	54	6:00 a.m. - 6:59 a.m. Tuesday
204	1.5	3931	1.0	55	7:00 a.m. - 7:59 a.m. Tuesday
211	1.6	3207	0.8	56	8:00 a.m. - 8:59 a.m. Tuesday
181	1.3	2116	0.5	57	9:00 a.m. - 9:59 a.m. Tuesday
172	1.3	2013	0.5	58	10:00 a.m. - 10:59 a.m. Tuesday
183	1.4	2384	0.6	59	11:00 a.m. - 11:59 a.m. Tuesday
184	1.4	2888	0.7	60	12:00 noon - 12:59 p.m. Tuesday
152	1.1	2554	0.6	61	1:00 p.m. - 1:59 p.m. Tuesday
204	1.5	3342	0.8	62	2:00 p.m. - 2:59 p.m. Tuesday
234	1.7	4492	1.1	63	3:00 p.m. - 3:59 p.m. Tuesday
168	1.2	4209	1.1	64	4:00 p.m. - 4:59 p.m. Tuesday
109	0.8	4603	1.2	65	5:00 p.m. - 5:59 p.m. Tuesday
71	0.5	3814	1.0	66	6:00 p.m. - 6:59 p.m. Tuesday
44	0.3	2696	0.7	67	7:00 p.m. - 7:59 p.m. Tuesday
41	0.3	2159	0.5	68	8:00 p.m. - 8:59 p.m. Tuesday
39	0.3	2039	0.5	69	9:00 p.m. - 9:59 p.m. Tuesday
29	0.2	1670	0.4	70	10:00 p.m. - 10:59 p.m. Tuesday
20	0.1	1273	0.3	71	11:00 p.m. - 11:59 p.m. Tuesday
16	0.1	721	0.2	72	12:00 a.m. - 12:59 a.m. Wednesday
25	0.2	650	0.2	73	1:00 a.m. - 1:59 a.m. Wednesday
22	0.2	617	0.2	74	2:00 a.m. - 2:59 a.m. Wednesday
21	0.2	430	0.1	75	3:00 a.m. - 3:59 a.m. Wednesday
22	0.2	484	0.1	76	4:00 a.m. - 4:59 a.m. Wednesday
42	0.3	1117	0.3	77	5:00 a.m. - 5:59 a.m. Wednesday
69	0.5	1917	0.5	78	6:00 a.m. - 6:59 a.m. Wednesday
168	1.2	3756	0.9	79	7:00 a.m. - 7:59 a.m. Wednesday
209	1.5	3055	0.8	80	8:00 a.m. - 8:59 a.m. Wednesday
163	1.2	2038	0.5	81	9:00 a.m. - 9:59 a.m. Wednesday
165	1.2	1973	0.5	82	10:00 a.m. - 10:59 a.m. Wednesday
193	1.4	2459	0.6	83	11:00 a.m. - 11:59 a.m. Wednesday
189	1.4	2738	0.7	84	12:00 noon - 12:59 p.m. Wednesday
155	1.1	2560	0.6	85	1:00 p.m. - 1:59 p.m. Wednesday
189	1.4	3357	0.8	86	2:00 p.m. - 2:59 p.m. Wednesday
189	1.4	4366	1.1	87	3:00 p.m. - 3:59 p.m. Wednesday

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## Variable 9: HOUR OF WEEK (Continued)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
160	1.2	4341	1.1	88	4:00 p.m. - 4:59 p.m. Wednesday
117	0.9	4945	1.3	89	5:00 p.m. - 5:59 p.m. Wednesday
74	0.5	3879	1.0	90	6:00 p.m. - 6:59 p.m. Wednesday
52	0.4	2718	0.7	91	7:00 p.m. - 7:59 p.m. Wednesday
44	0.3	2208	0.6	92	8:00 p.m. - 8:59 p.m. Wednesday
34	0.3	2039	0.5	93	9:00 p.m. - 9:59 p.m. Wednesday
34	0.3	1672	0.4	94	10:00 p.m. - 10:59 p.m. Wednesday
22	0.2	1266	0.3	95	11:00 p.m. - 11:59 p.m. Wednesday
27	0.2	802	0.2	96	12:00 a.m. - 12:59 a.m. Thursday
15	0.1	751	0.2	97	1:00 a.m. - 1:59 a.m. Thursday
21	0.2	686	0.2	98	2:00 a.m. - 2:59 a.m. Thursday
17	0.1	475	0.1	99	3:00 a.m. - 3:59 a.m. Thursday
17	0.1	512	0.1	100	4:00 a.m. - 4:59 a.m. Thursday
34	0.3	1065	0.3	101	5:00 a.m. - 5:59 a.m. Thursday
68	0.5	1985	0.5	102	6:00 a.m. - 6:59 a.m. Thursday
175	1.3	3645	0.9	103	7:00 a.m. - 7:59 a.m. Thursday
187	1.4	2776	0.7	104	8:00 a.m. - 8:59 a.m. Thursday
133	1.0	1963	0.5	105	9:00 a.m. - 9:59 a.m. Thursday
167	1.2	1921	0.5	106	10:00 a.m. - 10:59 a.m. Thursday
175	1.3	2517	0.6	107	11:00 a.m. - 11:59 a.m. Thursday
193	1.4	2907	0.7	108	12:00 noon - 12:59 p.m. Thursday
162	1.2	2572	0.7	109	1:00 p.m. - 1:59 p.m. Thursday
169	1.3	3223	0.8	110	2:00 p.m. - 2:59 p.m. Thursday
203	1.5	4444	1.1	111	3:00 p.m. - 3:59 p.m. Thursday
179	1.3	4278	1.1	112	4:00 p.m. - 4:59 p.m. Thursday
109	0.8	4615	1.2	113	5:00 p.m. - 5:59 p.m. Thursday
74	0.5	3684	0.9	114	6:00 p.m. - 6:59 p.m. Thursday
48	0.4	2602	0.7	115	7:00 p.m. - 7:59 p.m. Thursday
34	0.3	2147	0.5	116	8:00 p.m. - 8:59 p.m. Thursday
34	0.3	2020	0.5	117	9:00 p.m. - 9:59 p.m. Thursday
25	0.2	1689	0.4	118	10:00 p.m. - 10:59 p.m. Thursday
28	0.2	1326	0.3	119	11:00 p.m. - 11:59 p.m. Thursday
21	0.2	856	0.2	120	12:00 a.m. - 12:59 a.m. Friday
28	0.2	835	0.2	121	1:00 a.m. - 1:59 a.m. Friday
22	0.2	851	0.2	122	2:00 a.m. - 2:59 a.m. Friday
19	0.1	614	0.2	123	3:00 a.m. - 3:59 a.m. Friday
20	0.1	508	0.1	124	4:00 a.m. - 4:59 a.m. Friday
32	0.2	993	0.3	125	5:00 a.m. - 5:59 a.m. Friday
86	0.6	1879	0.5	126	6:00 a.m. - 6:59 a.m. Friday
165	1.2	3221	0.8	127	7:00 a.m. - 7:59 a.m. Friday
154	1.1	2602	0.7	128	8:00 a.m. - 8:59 a.m. Friday
167	1.2	1840	0.5	129	9:00 a.m. - 9:59 a.m. Friday
160	1.2	2127	0.5	130	10:00 a.m. - 10:59 a.m. Friday
165	1.2	2829	0.7	131	11:00 a.m. - 11:59 a.m. Friday
181	1.3	3405	0.9	132	12:00 noon - 12:59 p.m. Friday
169	1.3	3342	0.8	133	1:00 p.m. - 1:59 p.m. Friday
187	1.4	3967	1.0	134	2:00 p.m. - 2:59 p.m. Friday
198	1.5	5015	1.3	135	3:00 p.m. - 3:59 p.m. Friday
160	1.2	5311	1.3	136	4:00 p.m. - 4:59 p.m. Friday
114	0.8	5354	1.4	137	5:00 p.m. - 5:59 p.m. Friday
80	0.6	4543	1.1	138	6:00 p.m. - 6:59 p.m. Friday
47	0.3	3237	0.8	139	7:00 p.m. - 7:59 p.m. Friday

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Variable 9: HOUR OF WEEK (Continued)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
38	0.3	2530	0.6	140	8:00 p.m. - 8:59 p.m. Friday
29	0.2	2445	0.6	141	9:00 p.m. - 9:59 p.m. Friday
29	0.2	2326	0.6	142	10:00 p.m. - 10:59 p.m. Friday
24	0.2	2049	0.5	143	11:00 p.m. - 11:59 p.m. Friday
21	0.2	1331	0.3	144	12:00 a.m. - 12:59 a.m. Saturday
17	0.1	1376	0.3	145	1:00 a.m. - 1:59 a.m. Saturday
16	0.1	1568	0.4	146	2:00 a.m. - 2:59 a.m. Saturday
15	0.1	1032	0.3	147	3:00 a.m. - 3:59 a.m. Saturday
10	0.1	689	0.2	148	4:00 a.m. - 4:59 a.m. Saturday
12	0.1	780	0.2	149	5:00 a.m. - 5:59 a.m. Saturday
33	0.2	1068	0.3	150	6:00 a.m. - 6:59 a.m. Saturday
32	0.2	1119	0.3	151	7:00 a.m. - 7:59 a.m. Saturday
32	0.2	1297	0.3	152	8:00 a.m. - 8:59 a.m. Saturday
45	0.3	1571	0.4	153	9:00 a.m. - 9:59 a.m. Saturday
71	0.5	2074	0.5	154	10:00 a.m. - 10:59 a.m. Saturday
52	0.4	2637	0.7	155	11:00 a.m. - 11:59 a.m. Saturday
57	0.4	2866	0.7	156	12:00 noon - 12:59 p.m. Saturday
47	0.3	2828	0.7	157	1:00 p.m. - 1:59 p.m. Saturday
47	0.3	2862	0.7	158	2:00 p.m. - 2:59 p.m. Saturday
30	0.2	2908	0.7	159	3:00 p.m. - 3:59 p.m. Saturday
33	0.2	2919	0.7	160	4:00 p.m. - 4:59 p.m. Saturday
29	0.2	2904	0.7	161	5:00 p.m. - 5:59 p.m. Saturday
27	0.2	3305	0.8	162	6:00 p.m. - 6:59 p.m. Saturday
19	0.1	2857	0.7	163	7:00 p.m. - 7:59 p.m. Saturday
15	0.1	2521	0.6	164	8:00 p.m. - 8:59 p.m. Saturday
13	0.1	2492	0.6	165	9:00 p.m. - 9:59 p.m. Saturday
11	0.1	2490	0.6	166	10:00 p.m. - 10:59 p.m. Saturday
15	0.1	2219	0.6	167	11:00 p.m. - 11:59 p.m. Saturday
559	4.1	24367	6.2	999	Missing data

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Variable 10      COUNTY      Width: 2      Type: Numeric  
Dec:    None      Miss: 84

COUNTY (STATE POLICE CODING)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
7	0.1	710	0.2	1	Alcona
14	0.1	501	0.1	2	Alger
144	1.1	3947	1.0	3	Allegan
31	0.2	1249	0.3	4	Alpena
21	0.2	1123	0.3	5	Antrim
17	0.1	970	0.2	6	Arenac
15	0.1	489	0.1	7	Baraga
39	0.3	2583	0.7	8	Barry
114	0.8	3894	1.0	9	Bay
13	0.1	632	0.2	10	Benzie
301	2.2	5868	1.5	11	Berrien
77	0.6	2229	0.6	12	Branch
261	1.9	6871	1.7	13	Calhoun

## Variable 10:COUNTY (Continued)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
50	0.4	1988	0.5	14	Cass
18	0.1	1292	0.3	15	Charlevoix
32	0.2	1286	0.3	16	Cheboygan
29	0.2	1615	0.4	17	Chippewa
49	0.4	1690	0.4	18	Clare
80	0.6	2830	0.7	19	Clinton
19	0.1	810	0.2	20	Crawford
49	0.4	2440	0.6	21	Delta
23	0.2	1475	0.4	22	Dickinson
170	1.3	4452	1.1	23	Eaton
42	0.3	1818	0.5	24	Emmet
511	3.8	15520	3.9	25	Genesee
25	0.2	1148	0.3	26	Gladwin
12	0.1	519	0.1	27	Gogebic
118	0.9	4029	1.0	28	Grand Traverse
45	0.3	1872	0.5	29	Gratiot
60	0.4	2154	0.5	30	Hillsdale
51	0.4	1684	0.4	31	Houghton
37	0.3	1822	0.5	32	Huron
362	2.7	12257	3.1	33	Ingham
92	0.7	2989	0.8	34	Ionia
24	0.2	1140	0.3	35	Iosco
17	0.1	937	0.2	36	Iron
56	0.4	3234	0.8	37	Isabella
249	1.8	6900	1.7	38	Jackson
403	3.0	10768	2.7	39	Kalamazoo
23	0.2	809	0.2	40	Kalkaska
1082	8.0	25321	6.4	41	Kent
3	0.0	115	0.0	42	Keweenaw
11	0.1	594	0.2	43	Lake
111	0.8	3819	1.0	44	Lapeer
8	0.1	696	0.2	45	Leelanau
153	1.1	3467	0.9	46	Lenawee
196	1.5	5967	1.5	47	Livingston
13	0.1	314	0.1	48	Luce
32	0.2	908	0.2	49	Mackinac
1007	7.5	26578	6.7	50	Macomb
21	0.2	1153	0.3	51	Manistee
81	0.6	2618	0.7	52	Marquette
41	0.3	1721	0.4	53	Mason
40	0.3	2763	0.7	54	Mecosta
47	0.3	1871	0.5	55	Menominee
113	0.8	3205	0.8	56	Midland
21	0.2	760	0.2	57	Missaukee
254	1.9	4499	1.1	58	Monroe
79	0.6	3476	0.9	59	Montcalm
12	0.1	481	0.1	60	Montmorency
132	1.0	5934	1.5	61	Muskegon
46	0.3	2239	0.6	62	Newaygo
1450	10.7	44186	11.2	63	Oakland
22	0.2	1341	0.3	64	Oceana
23	0.2	1188	0.3	65	Ogemaw

Variable 10: COUNTY (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
10	0.1	569	0.1 66 Ontonagon
28	0.2	1393	0.4 67 Osceola
7	0.1	457	0.1 68 Oscoda
34	0.3	1070	0.3 69 Otsego
313	2.3	8057	2.0 70 Ottawa
10	0.1	668	0.2 71 Presque Isle
23	0.2	1221	0.3 72 Roscommon
237	1.8	8005	2.0 73 Saginaw
174	1.3	5199	1.3 74 St. Clair
94	0.7	2461	0.6 75 St. Joseph
44	0.3	1966	0.5 76 Sanilac
17	0.1	622	0.2 77 Schoolcraft
73	0.5	2853	0.7 78 Shiawassee
43	0.3	2267	0.6 79 Tuscola
96	0.7	2935	0.7 80 Van Buren
546	4.0	12998	3.3 81 Washtenaw
3006	22.2	75343	19.0 82 Wayne
62	0.5	1673	0.4 83 Wexford
0	0.0	0	0.0 84 Uncoded & errors

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Variable 11      CITY OR TOWNSHIP      Width: 2      Type: Numeric  
Dec: None      Miss: 0

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Use in conjunction with V10.

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
84	0.6	3227	0.8 0 Uncoded & errors
409	3.0	12955	3.3 1
			- City or township code (by county)
1402	10.4	40244	10.2 99 Detroit or non-numeric data

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Variable 12      CONTROL SECTION      Width: 1      Type: Numeric  
Dec: None      Miss: None

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TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
8789	65.0	289740	73.3 0 Primary street is not an MDOT Control Section
4726	35.0	105775	26.7 1 Primary street is an MDOT Control Section
0	0.0	0	0.0 2 Reverse direction intersecting street is an MDOT Control Section
0	0.0	0	0.0 3 Same direction intersecting street is an MDOT Control Section
0	0.0	0	0.0 4 Nontraffic location (internally generated)

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Variable 13	HIGHWAY CLASS		Width: 1	Type: Numeric
			Dec: None	Miss: None

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
4227	31.3	109490	27.7	0 Not located
1398	10.3	15562	3.9	1 Interstate route
971	7.2	19105	4.8	2 U.S. route
1890	14.0	58066	14.7	3 Michigan route
169	1.3	4609	1.2	4 Interstate business loop or spur
138	1.0	3383	0.9	5 U.S. business route
0	0.0	77	0.0	6 Michigan business route
16	0.1	484	0.1	7 Connector
0	0.0	0	0.0	8 Service drive
4706	34.8	184739	46.7	9 County road, city street, or unknown

Variable 14	HIGHWAY NUMBER		Width: 3	Type: Numeric
			Dec: None	Miss: 999

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
8933	66.1	294229	74.4	0 Did not locate
29	0.2	1299	0.3	1
				- Highway number
101	0.7	1347	0.3	696

Variable 15	HIGHWAY CONTROL SECTION		Width: 5	Type: Numeric
			Dec: None	Miss: None

Variable 16	CONTROL SECTION MLPT		Width: 4	Type: Numeric
			Dec: 2	Miss: None

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
9007	66.6	295604	74.7	0.00
30	0.2	607	0.2	0.01
				- Control Section Milepoint
0	0.0	1	0.0	34.25

Variable 17	LOCATION FLAG		Width: 1	Type: Numeric
			Dec: None	Miss: 9

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
0	0.0	9	0.0	0 Location not yet attempted
9289	68.7	286033	72.3	1 Successfully located
3687	27.3	94169	23.8	2 Could not automatically locate in MALI indexes



Variable 17:LOCATION FLAG (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
0	0.0	3	This crash will be recycled through MALI due to index change
0	0.0	4	Could not locate even after attempting a manual correction
0	0.0	6	Non-located crashes that have not been run through the "protest" (force location) processes
539	4.0	9	Missing location data, nonnumeric data

Variable 18      LOCATION ERROR      Width: 2      Type: Numeric  
Dec:    None      Miss: None

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
9294	68.8	0	None
0	0.0	1	Invalid county
128	0.9	2	Invalid city/township
317	2.3	3	Primary Street (PR) cannot be found in county/city given
280	2.1	4	Intersecting street cannot be found in county/city given
731	5.4	5	Two (2) streets given do not intersect in county/city given
1537	11.4	6	Location matches more than one specific site in the indexes
609	4.5	7	Direction to/from intersecting street is improper as indexed
528	3.9	8	Distance to/from intersecting street is improper as indexed
56	0.4	9	Direction used on ramp is not ER (end ramp) or BR (begin ramp)
35	0.3	99	Other reason than 01-09, nonnumeric data

Variable 19      ORIG DIRECTION      Width: 2      Type: Numeric  
Dec:    None      Miss: 99

DIRECTION OFFICER ORIGINALLY GAVE TO NEAREST INTERSECTING STREET

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
88	0.7	1	(BR) Begin Ramp
2453	18.2	2	( E) East
169	1.3	3	(ER) End Ramp
2522	18.7	4	( N) North
231	1.7	5	(NE) Northeast
248	1.8	6	(NW) Northwest
2621	19.4	7	( S) South
200	1.5	8	(SE) Southeast

Variable 19:ORIG DIRECTION (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
222	1.6	5702 1.4	9 (SW) Southwest
1649	12.2	48871 12.4	10 ( X) At intersection
2604	19.3	74511 18.8	11 ( W) West
508	3.8	13699 3.5	99 (Space) Uncoded & errors

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Variable 20      NUMBER OF TRAFFIC LANES      Width: 2      Type: Numeric  
Dec:    None      Miss: 99

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
38	0.3	1459 0.4	0 Crash occurred on other than a roadway
454	3.4	11537 2.9	1 One Lane
6397	47.3	216035 54.6	2 Two lanes
2135	15.8	39419 10.0	3 Three lanes
2335	17.3	56238 14.2	4 Four lanes
1494	11.1	48027 12.1	5 Five lanes
170	1.3	5513 1.4	6 Six lanes
148	1.1	3477 0.9	7 Seven lanes
32	0.2	759 0.2	8 Eight lanes
21	0.2	346 0.1	9 Nine lanes
291	2.2	12705 3.2	99 Uncoded & errors, nonnumeric data

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Variable 21      RELATION TO ROADWAY      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

LOCATION OF FIRST IMPACT

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
73	0.5	4877 1.2	0 Uncoded & errors
12192	90.2	332159 84.0	1 On the road
66	0.5	2712 0.7	2 In the median
468	3.5	16405 4.1	3 On the shoulder
524	3.9	32468 8.2	4 Outside of the shoulder/curb-line
15	0.1	845 0.2	5 In the gore (area between ramp and freeway convergence)
177	1.3	6049 1.5	6 Unknown relationship

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Variable 22      AREA OF ROAD AT CRASH      Width: 2      Type: Numeric  
Dec:    None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
Freeway Crash			
435	3.2	19614 5.0	0 Uncoded & errors
703	5.2	11197 2.8	1 Entrance/exit ramp related

Variable 22:AREA OF ROAD AT CRASH (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
32	0.2	2	Median crossing related
183	1.4	3	Transition area (increase or decrease in travel lanes)
14	0.1	4	Rest area related
9	0.1	5	Scale/weigh station related
2145	15.9	6	All other freeway areas
Non-Freeway Intersection Crash (Related to or wi			
2227	16.5	7	Within intersection
644	4.8	8	Driveway related (within 150 feet of nearest edge of intersection)
1651	12.2	9	Intersection related other
Other Non-Freeway Areas			
3860	28.6	10	Straight road unrelated others
365	2.7	11	Curved road unrelated others
537	4.0	12	Driveway related (not within 150 feet of intersection)
255	1.9	13	Parking related (legal roadside)
62	0.5	14	Transition area (increase or decrease in travel lanes)
109	0.8	15	Median crossing related
71	0.5	16	Railroad grade crossing related
9	0.1	17	Rest area related
7	0.1	18	Scale/weigh station related
40	0.3	19	Nontraffic area
156	1.2	20	Other
1	0.0	21	Unknown

---

Variable 23      ROAD CONDITIONS      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

---

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
262	1.9	0	Uncoded & errors
9707	71.8	1	Dry
2068	15.3	2	Wet
580	4.3	3	Icy
679	5.0	4	Snowy
25	0.2	5	Muddy
135	1.0	6	Slushy
12	0.1	7	Debris
47	0.3	8	Other/Unknown

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Variable 24      SPEED LIMIT AT CRASHSITE      Width: 2      Type: Numeric  
Dec: None      Miss: 99

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
24	0.2	953	0.2	0 Stopped
6	0.0	125	0.0	5 5 miles per hour
20	0.1	312	0.1	10 10 miles per hour
44	0.3	1589	0.4	15 15 miles per hour
13	0.1	404	0.1	20 20 miles per hour
2293	17.0	65555	16.6	25 25 miles per hour
874	6.5	21393	5.4	30 30 miles per hour
1664	12.3	51098	12.9	35 35 miles per hour
735	5.4	26157	6.6	40 40 miles per hour
1806	13.4	53078	13.4	45 45 miles per hour
469	3.5	12224	3.1	50 50 miles per hour
2748	20.3	105556	26.7	55 55 miles per hour
30	0.2	251	0.1	60 60 miles per hour
453	3.4	6283	1.6	65 65 miles per hour
1600	11.8	21978	5.6	70 70 miles per hour
0	0.0	0	0.0	75 75 miles per hour
736	5.4	28559	7.2	99 Uncoded & errors

Variable 25      POSTED SPEED LIMIT      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
736	5.4	28288	7.2	0 Uncoded & errors
10845	80.2	289186	73.1	1 Yes
1934	14.3	78041	19.7	2 No

Variable 26      TRAFFIC CONTROL      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
630	4.7	25518	6.5	0 Uncoded & errors
3050	22.6	76076	19.2	1 Signal
1475	10.9	41406	10.5	2 Stop Sign
110	0.8	3146	0.8	3 Yield Sign
8250	61.0	249369	63.0	4 None

Variable 27      CONSTRUCTION TYPE      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
12871	95.2	388940	98.3	0 Uncoded & errors
617	4.6	6260	1.6	1 Construction/Maintenance

Variable 27: CONSTRUCTION TYPE (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code	Value	Description
27	0.2	315	0.1	2 Utility

---

Variable 28      CONSTRUCTION LANE CLOSED      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code	Value	Description
12717	94.1	382101	96.6	0 Uncoded & errors
463	3.4	4417	1.1	1 Yes
335	2.5	8997	2.3	2 No

---

Variable 29      CONSTRUCTION ACTIVITY      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code	Value	Description
12515	92.6	375284	94.9	0 Uncoded & errors
544	4.0	7963	2.0	1 On road
82	0.6	1000	0.3	2 Off road
374	2.8	11268	2.8	3 None

---

Variable 30      WEATHER      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code	Value	Description
140	1.0	6895	1.7	0 Uncoded & errors
7131	52.8	204975	51.8	1 Clear
3980	29.4	108317	27.4	2 Cloudy
69	0.5	2011	0.5	3 Fog/smoke
1065	7.9	34640	8.8	4 Rain
1035	7.7	33024	8.3	5 Snow/blowing snow
8	0.1	384	0.1	6 Severe wind
35	0.3	882	0.2	7 Sleet/hail
52	0.4	4387	1.1	8 Other/Unknown

---

Variable 31      LIGHT      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code	Value	Description
172	1.3	8216	2.1	0 Uncoded & errors
10621	78.6	238285	60.2	1 Daylight
438	3.2	12854	3.2	2 Dawn

Variable 31:LIGHT (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
175	1.3	12764 3.2	3 Dusk
909	6.7	47975 12.1	4 Dark lighted
1183	8.8	73040 18.5	5 Dark unlighted
17	0.1	2381 0.6	6 Other/Unknown

---

Variable 32      CRASH TYPE      Width: 2      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
95	0.7	4836 1.2	0 Uncoded & errors
1984	14.7	129928 32.9	1 Single motor vehicle
238	1.8	6892 1.7	2 Head-on
166	1.2	11154 2.8	3 Head-on / left turn
2263	16.7	74321 18.8	4 Angle
3023	22.4	96330 24.4	5 Rear-end
121	0.9	4164 1.1	6 Rear-end / left turn
120	0.9	3225 0.8	7 Rear-end / right turn
3282	24.3	33944 8.6	8 Sideswipe same direction
712	5.3	10065 2.5	9 Sideswipe opposite direction
1511	11.2	20656 5.2	10 Other/Unknown

---

Variable 33      CRASH INVESTGTD AT SCENE      Width: 1      Type: Numeric  
Dec: None      Miss: 0

CRASH WAS INVESTIGATED AT THE SCENE

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
587	4.3	27650 7.0	0 Uncoded & errors
11338	83.9	275797 69.7	1 Yes
1590	11.8	92068 23.3	2 No

---

Variable 34      COMPLAINT STATUS      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
1891	14.0	68743 17.4	0 Uncoded & errors
204	1.5	7622 1.9	1 Closed
11420	84.5	319150 80.7	2 Open

---

Variable 35      PUBLIC PROPERTY DAMAGED      Width: 1      Type: Numeric  
Dec: None      Miss: 0

---

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
12486	92.4	365442	92.4 0 Uncoded & errors
500	3.7	11776	3.0 1 Yes
529	3.9	18297	4.6 2 No

---

Variable 36      TRAFFIC UNIT MIX      Width: 2      Type: Numeric  
Dec: None      Miss: 0

---

This variable, generated by UMTRI, describes the accident by the types of vehicles involved. Pedestrians and pedalcyclists are handled as traffic units.

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
2949	21.8	157267	39.8 1 Single traffic unit
0	0.0	101331	25.6 2 Car - car
6645	49.2	72628	18.4 3 Car - truck
0	0.0	1035	0.3 4 Car - motorcycle, moped
0	0.0	1067	0.3 5 Car - other
1	0.0	481	0.1 6 Car - pedestrian, pedalcyclist
2790	20.6	17961	4.5 7 Truck - truck
34	0.3	363	0.1 8 Truck - motorcycle
34	0.3	522	0.1 9 Truck - other
3	0.0	156	0.0 10 Truck - pedestrian, pedalcyclist
0	0.0	54	0.0 11 Motorcycle - motorcycle
0	0.0	14	0.0 12 Motorcycle - other
0	0.0	1	0.0 13 Motorcycle - pedestrian, pedalcyclist
0	0.0	58	0.0 14 Other - other
0	0.0	3	0.0 15 Other - pedestrian, pedalcyclist
795	5.9	20021	5.1 16 Three or more traffic units
264	2.0	22553	5.7 99 Missing data

---

Variable 37      NUMBER TRUCK SUPPL FORMS      Width: 3      Type: Numeric  
Dec: None      Miss: None

---

# OF TRUCK SUPPLEMENT FORMS FOUND FOR CRASH

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
0	0.0	382000	96.6 0 None
13282	98.3	13282	3.4 1 One form
222	1.6	222	0.1 2 Two forms
10	0.1	10	0.0 3 Three forms
1	0.0	1	0.0 4 Four forms

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Variable 38      TOTAL UNITS REPORTED      Width: 2      Type: Numeric  
Dec:    None      Miss: None

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
2049	15.2	132542	33.5	1 One unit
10643	78.7	241806	61.1	2 Two units
683	5.1	17931	4.5	3 Three units
91	0.7	2639	0.7	4 Four units
33	0.2	457	0.1	5 Five units
10	0.1	93	0.0	6 Six units
2	0.0	26	0.0	7 Seven units
2	0.0	13	0.0	8 Eight units
2	0.0	8	0.0	9 Nine units

Variable 39      TOTAL NONPARKED UNITS      Width: 2      Type: Numeric  
Dec:    None      Miss: None

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
13	0.1	294	0.1	0 None
2941	21.8	157078	39.7	1 One unit
9799	72.5	218933	55.4	2 Two units
639	4.7	16409	4.1	3 Three units
82	0.6	2307	0.6	4 Four units
28	0.2	380	0.1	5 Five units
8	0.1	79	0.0	6 Six units
1	0.0	18	0.0	7 Seven units
2	0.0	11	0.0	8 Eight units
2	0.0	6	0.0	9 Nine units

Variable 40      FLAG: SPECIAL LOCAL STDY      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

FLAG: CRASH IS USED IN A SPECIAL LOCAL STUDY

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
13333	98.7	388769	98.3	0 Uncoded & errors
182	1.3	6746	1.7	1 Yes



---

Variable 41      FLAG: SPECIAL STATE STDY      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

FLAG: CRASH IS USED IN A SPECIAL STATE STUDY

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13480	99.7	394433	99.7	0	Uncoded & errors
35	0.3	1082	0.3	1	Yes

---

Variable 42      FLAG: NO SPECIAL CIRCUMS      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

FLAG: NO SPECIAL CIRCUMSTANCES IN CRASH

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
2451	18.1	115101	29.1	0	Uncoded & errors
11064	81.9	280414	70.9	1	Yes

---

Variable 43      FLAG: HIT AND RUN      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
12727	94.2	354622	89.7	0	Uncoded & errors
788	5.8	40893	10.3	1	Yes

---

Variable 44      FLAG: FLEEING /PURSUING      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

FLAG: VEHICLE FLEEING PURSUIT OR IN PURSUIT

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13508	99.9	394494	99.7	0	Uncoded & errors
7	0.1	1021	0.3	1	Yes

---

Variable 45	FLAG: DEER INVOLV/ASSOC	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

FLAG: DEER WAS INVOLVED/ASSOCIATED WITH CRASH

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13059	96.6	332379	84.0	0	Uncoded & errors
456	3.4	63136	16.0	1	Yes

---

Variable 46	FLAG: DEER CG	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

FLAG: DEER WAS INVOLVED/ASSOCIATED WITH CRASH

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13059	96.6	332379	84.0	0	Uncoded & errors
456	3.4	63136	16.0	1	This crash involved a deer

---

Variable 47	FLAG: SCHOOL BUS INV/ASC	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

FLAG: SCHOOL BUS WAS INVOLV/ASSOC WITH CRASH

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
12596	93.2	394235	99.7	0	Uncoded & errors
919	6.8	1280	0.3	1	Yes

---

Variable 48	FLAG: SCHOOL BUS CG	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

FLAG: SCHOOL BUS WAS INVOLV/ASSOC WITH CRASH

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
12596	93.2	394235	99.7	0	Uncoded & errors
919	6.8	1280	0.3	1	This crash involved a school bus

---

Variable 49      FLAG: DRINKING OPERATOR      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

---

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13277	98.2	379666	96.0	0	Uncoded & errors
238	1.8	15849	4.0	1	This crash involved a drinking driver/pedestrian/bicyclist

---

Variable 50      FLAG: PEDESTRIAN      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

---

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13449	99.5	392069	99.1	0	Uncoded & errors
66	0.5	3446	0.9	1	This crash involved a pedestrian

---

Variable 51      FLAG: NMT REC PRESENT      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

---

AT LEAST ONE OF THE CRASH TRAFFIC UNITS CODED PEDESTRIAN OR BICYCLIST

FLAG - TDC GENERATED

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
60	0.4	4501	1.1	1	Non-motorist record present
13455	99.6	391014	98.9	2	No Non-motorist record

---

Variable 52      FLAG: BICYCLIST      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

---

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13350	98.8	392832	99.3	0	Uncoded & errors
165	1.2	2683	0.7	1	This crash involved a bicyclist

---

Variable 53      FLAG: SNOWMOBILE      Width: 1      Type: Numeric  
Dec: None      Miss: 0

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13513	100.0	394984	99.9	0	Uncoded & errors
2	0.0	531	0.1	1	This crash involved a snowmobile

---

Variable 54      FLAG: MOTORCYCLE      Width: 1      Type: Numeric  
Dec: None      Miss: 0

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13478	99.7	392463	99.2	0	Uncoded & errors
37	0.3	3052	0.8	1	This crash involved a motorcycle

---

Variable 55      FLAG: ORV INVOLVED      Width: 1      Type: Numeric  
Dec: None      Miss: 0

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13515	100.0	395227	99.9	0	Uncoded & errors
0	0.0	288	0.1	1	This crash involved an Off Road Vehicle

---

Variable 56      FLAG: FARM EQUIPMENT      Width: 1      Type: Numeric  
Dec: None      Miss: 0

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13499	99.9	395325	100.0	0	Uncoded & errors
16	0.1	190	0.0	1	This crash involved farm equipment

---

Variable 57      FLAG: TRAIN ACCIDENT      Width: 1      Type: Numeric  
Dec: None      Miss: 0

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13510	100.0	395341	100.0	0	Uncoded & errors

Variable 57:FLAG: TRAIN ACCIDENT (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
5	0.0	174	0.0 1 Train involved crash

---

Variable 58      FLAG: TRUCK OR BUS      Width: 1      Type: Numeric  
Dec: None      Miss: 0

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
0	0.0	378726	95.8 0 Uncoded & errors
13515	100.0	16789	4.2 1 This crash involved a truck or bus

---

Variable 59      FLAG: EMERGENCY VEHICLE      Width: 1      Type: Numeric  
Dec: None      Miss: 0

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
13373	98.9	392531	99.2 0 Uncoded & errors
142	1.1	2984	0.8 1 This crash involved a police/fire/ambulance vehicle

---

Variable 60      FLAG: NONTRAFFIC CRASH      Width: 1      Type: Numeric  
Dec: None      Miss: 0

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
13515	100.0	395515	100.0 0 Uncoded & errors
0	0.0	0	0.0 1 This was a nontraffic crash

---

Variable 61      FLAG: PROPERTY DAMAGE      Width: 1      Type: Numeric  
Dec: None      Miss: 0

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
2688	19.9	81742	20.7 0 Uncoded & errors
10827	80.1	313773	79.3 1 This is a property damage only crash (no injuries or deaths)

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Variable 62	FLAG: INJURY CRASH	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
10955	81.1	314948	79.6 0 Uncoded & errors
2560	18.9	80567	20.4 1 This is an injury crash (injuries but no deaths)

Variable 63	FLAG: FATAL CRASH	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
13387	99.1	394340	99.7 0 Uncoded & errors
128	0.9	1175	0.3 1 This is a fatal crash (one or more deaths)

Variable 64	NUMBER INJURED IN CRASH	Width: 2	Type: Numeric
		Dec: None	Miss: None

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
10893	80.6	314362	79.5 0 None
1988	14.7	58897	14.9 1 One injured
430	3.2	15963	4.0 2 Two injured
139	1.0	4458	1.1 3 Three injured
33	0.2	1254	0.3 4 Four injured
17	0.1	399	0.1 5 Five injured
6	0.0	111	0.0 6 Six injured
1	0.0	37	0.0 7 Seven injured
3	0.0	16	0.0 8 Eight injured
0	0.0	5	0.0 9 Nine injured
0	0.0	2	0.0 10 Ten injured
3	0.0	5	0.0 11 Eleven injured
0	0.0	2	0.0 12 Twelve injured
0	0.0	1	0.0 13 Thirteen injured
0	0.0	1	0.0 15 Fifteen injured
1	0.0	1	0.0 18 Eighteen injured
1	0.0	1	0.0 33 Thirty-three injured

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Variable 65      NUMBER FATAL IN CRASH      Width: 2      Type: Numeric  
Dec: None      Miss: None

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13387	99.1	394340	99.7	0	None
113	0.8	1093	0.3	1	One killed
12	0.1	64	0.0	2	Two killed
2	0.0	16	0.0	3	Three killed
1	0.0	1	0.0	4	Four killed
0	0.0	1	0.0	6	Six killed

Variable 66      WORST INJURY IN ACCIDENT      Width: 1      Type: Numeric  
Dec: None      Miss: 9

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
128	0.9	1175	0.3	1	Fatal
353	2.6	8246	2.1	2	A - incapacitating injury
704	5.2	21270	5.4	3	B - nonincapacitating injury
1503	11.1	51051	12.9	4	C - possible injury
10827	80.1	313773	79.3	5	No injury

Variable 67      TOTAL KILLED IN ACC      Width: 2      Type: Numeric  
Dec: None      Miss: 99

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13387	99.1	394340	99.7	0	0 killed
113	0.8	1093	0.3	1	1 killed
12	0.1	64	0.0	2	2 killed
2	0.0	16	0.0	3	3 killed
1	0.0	1	0.0	4	4 killed
0	0.0	1	0.0	6	6 killed

Variable 68      TOTAL A-INJURED IN ACC      Width: 2      Type: Numeric  
Dec: None      Miss: 99

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13130	97.2	386952	97.8	0	0 A-injured
321	2.4	7105	1.8	1	1 A-injured
46	0.3	1105	0.3	2	2 A-injured
10	0.1	245	0.1	3	3 A-injured
6	0.0	76	0.0	4	4 A-injured
1	0.0	20	0.0	5	5 A-injured
0	0.0	10	0.0	6	6 A-injured
0	0.0	1	0.0	9	9 A-injured
1	0.0	1	0.0	33	33 A-injured

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Variable 69	TOTAL B-INJURED IN ACC		Width: 2	Type: Numeric
			Dec: None	Miss: 99

---

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
12745	94.3	372664	94.2	0	0 B-injured
669	5.0	18861	4.8	1	1 B-injured
80	0.6	3266	0.8	2	2 B-injured
16	0.1	557	0.1	3	3 B-injured
2	0.0	138	0.0	4	4 B-injured
2	0.0	23	0.0	5	5 B-injured
0	0.0	2	0.0	6	6 B-injured
1	0.0	4	0.0	7	7 B-injured

---

Variable 70	TOTAL C-INJURED IN ACC		Width: 2	Type: Numeric
			Dec: None	Miss: 99

---

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
11781	87.2	337827	85.4	0	0 C-injured
1393	10.3	45054	11.4	1	1 C-injured
248	1.8	9781	2.5	2	2 C-injured
68	0.5	2178	0.6	3	3 C-injured
14	0.1	489	0.1	4	4 C-injured
6	0.0	132	0.0	5	5 C-injured
2	0.0	29	0.0	6	6 C-injured
0	0.0	15	0.0	7	7 C-injured
0	0.0	2	0.0	8	8 C-injured
1	0.0	1	0.0	9	9 C-injured
0	0.0	1	0.0	10	10 C-injured
1	0.0	1	0.0	11	11 C-injured
0	0.0	2	0.0	12	12 C-injured
0	0.0	1	0.0	13	13 C-injured
0	0.0	1	0.0	14	14 C-injured
1	0.0	1	0.0	15	15 C-injured

---

Variable 71	TOTAL INJURED IN ACC		Width: 2	Type: Numeric
			Dec: None	Miss: 99

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TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
10893	80.6	314362	79.5	0	0 injured
1988	14.7	58897	14.9	1	1 injured
430	3.2	15963	4.0	2	2 injured
139	1.0	4458	1.1	3	3 injured
33	0.2	1254	0.3	4	4 injured
17	0.1	399	0.1	5	5 injured
6	0.0	111	0.0	6	6 injured
1	0.0	37	0.0	7	7 injured
3	0.0	16	0.0	8	8 injured
0	0.0	5	0.0	9	9 injured
0	0.0	2	0.0	10	10 injured



Variable 71:TOTAL INJURED IN ACC (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
3 0.0	5 0.0	11	11 injured
0 0.0	2 0.0	12	12 injured
0 0.0	1 0.0	13	13 injured
0 0.0	1 0.0	15	15 injured
1 0.0	1 0.0	18	18 injured
1 0.0	1 0.0	33	33 injured

---

Variable 72      TOTAL CASUALTIES IN ACC      Width: 2      Type: Numeric  
Dec:    None      Miss: 99

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TOTAL KILLED (v67) plus TOTAL INJURED (v71)

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
10827 80.1	313773 79.3	0	0 casualties
2009 14.9	59163 15.0	1	1 casualty
460 3.4	16090 4.1	2	2 casualties
144 1.1	4563 1.2	3	3 casualties
40 0.3	1312 0.3	4	4 casualties
18 0.1	406 0.1	5	5 casualties
7 0.1	126 0.0	6	6 casualties
2 0.0	44 0.0	7	7 casualties
3 0.0	19 0.0	8	8 casualties
0 0.0	6 0.0	9	9 casualties
0 0.0	2 0.0	10	10 casualties
2 0.0	4 0.0	11	11 casualties
0 0.0	2 0.0	12	12 casualties
0 0.0	1 0.0	13	13 casualties
1 0.0	2 0.0	15	15 casualties
1 0.0	1 0.0	18	18 casualties
1 0.0	1 0.0	34	34 casualties

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Variable 73      TOTAL UNINJURED IN ACC      Width: 2      Type: Numeric  
Dec:    None      Miss: 99

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TOTAL UNINJURED OCC RECORDS PRESENT FOR CRASH

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
598 4.4	46578 11.8	0	0 persons
4803 35.5	181578 45.9	1	1 person
7715 57.1	156681 39.6	2	2 persons
345 2.6	9390 2.4	3	3 persons
40 0.3	1084 0.3	4	4 persons
9 0.1	162 0.0	5	5 persons
2 0.0	30 0.0	6	6 persons
1 0.0	6 0.0	7	7 persons
0 0.0	3 0.0	8	8 persons

Variable 73:TOTAL UNINJURED IN ACC (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
2	0.0	3	0.0
		9	9 persons

---

Variable 74	TRAFFICWAY	Width: 2	Type: Numeric
		Dec: None	Miss: None

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
1133	8.4	47888	12.1
8108	60.0	282385	71.4
2024	15.0	32125	8.1
1663	12.3	22604	5.7
587	4.3	10513	2.7
		0	Uncoded and errors
		1	Not physically divided (2way trafficway)
		2	Divided highway, median strip, without traffic barrier
		3	Divided highway, median strip, with traffic barrier
		4	One-way trafficway

---

Variable 75	ACCESS CONTROL	Width: 2	Type: Numeric
		Dec: None	Miss: None

ACCESS IS CONTROLLED BY ROADWAY CONFIGURATION, NOT TRAFFIC CONTROL DEVICES, I.E., NO LEFT TURN SIGNS, ETC.

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
1394	10.3	55831	14.1
8757	64.8	294002	74.3
2983	22.1	38390	9.7
381	2.8	7292	1.8
		0	Uncoded and errors
		1	No control (unlimited access)
		2	Full access control (ramp entry and exit only)
		3	Other (partial access control)

---

Variable 76	FLAG: DRUG USE	Width: 1	Type: Numeric
		Dec: None	Miss: 0

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
13483	99.8	394296	99.7
32	0.2	1219	0.3
		0	Uncoded & errors
		1	Drugs involved

The VEHICLE Variables

Variables 100 through 173 describe the traffic units (motor vehicles, pedestrians, pedalcyclists, parked cars, etc.) involved in the accident. They are included in all Vehicle and Occupant data sets.

Variable 100	UNIT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
13515	51.9	395515	57.8	1 Unit one
11466	44.1	262973	38.5	2 Unit two
823	3.2	21167	3.1	3 Unit three
140	0.5	3236	0.5	4 Unit four
49	0.2	597	0.1	5 Unit five
16	0.1	140	0.0	6 Unit six
6	0.0	47	0.0	7 Unit seven
4	0.0	21	0.0	8 Unit eight
2	0.0	8	0.0	9 Unit nine

Variable 101	VEHICLE TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 0

NO CDL OR ENDORSEMENT REQUIRED

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
337	1.3	37034	5.4	0 Uncoded & errors
8376	32.2	453126	66.3	1 Passenger car & station wagon (PA)
1026	3.9	49750	7.3	2 Van & motorhome (VA)
1769	6.8	101916	14.9	3 Pickup (PU)
292	1.1	17538	2.6	4 Truck under 10,000 lbs. GVWR (ST)
38	0.1	3122	0.5	5 Cycle (CY)
4	0.0	232	0.0	6 Moped (MO)
0	0.0	21	0.0	7 Go Cart (GC)
2	0.0	560	0.1	8 Snowmobile (SM)
0	0.0	302	0.0	9 Off Road Vehicle-ORV/All Terrain Vehicle-ATV (OR)
51	0.2	2627	0.4	10 Other
14126	54.3	17476	2.6	11 Truck/Bus over 10,000 lbs.

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Variable 102	CDL TRUCK TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 0

## CDL TRUCK TYPE FROM TRUCK SUPPLEMENT DATA

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
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1730	6.6	1730	0.3	0	Uncoded & errors
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Group "A" is any vehicle which is towing a vehicle or trailer that has a gross vehicle weight rating (GVWR) over 10,000 lbs.

6354	24.4	6354	0.9	1	Commercial truck AA (Group A vehicle)
137	0.5	137	0.0	2	Commercial truck AH (Group A vehicle, Hazardous)
157	0.6	157	0.0	3	Commercial truck AN (Group A vehicle, Tank)
68	0.3	68	0.0	4	Commercial truck AP (Group A vehicle, Passenger)
451	1.7	451	0.1	5	Commercial truck AT (Group A vehicle, Double/Triple)
126	0.5	126	0.0	6	Commercial truck AX (Group A vehicle, Tank & Hazardous)
39	0.1	39	0.0	7	Commercial truck AY (Group A vehicle, Tank & Double/Triple)
10	0.0	10	0.0	8	Commercial truck AZ (Group A vehicle, Hazardous, Double/Triple)
13	0.0	13	0.0	9	Commercial truck AL (Group A vehicle, Hazardous tank, Double/Triple)

Group "B" is any single vehicle (including buses) with a GVWR of 26,001 lbs. or more. This would include a combination of vehicles with a combined GVWR over 26,000 lbs. when towing a trailer that has a GVWR of 10,000 lbs. or less.

2312	8.9	2312	0.3	10	Commercial truck BB (Group B)
37	0.1	37	0.0	11	Commercial truck BH (Group B, Hazardous)
80	0.3	80	0.0	12	Commercial truck BN (Group B, Tank)
923	3.5	923	0.1	13	Commercial truck BP (Group B, Passenger)
39	0.1	39	0.0	14	Commercial truck BX (Group B, Tank & Hazardous)

Group "C" is any single vehicle with a GVWR of less than 26,001 lbs. or a combination of vehicles having a combined GVWR under 26,001 lbs. when the vehicle is required to display placards for hazardous material or designed to carry 16 passengers (including driver). Group "C" is also any vehicle carrying 15 or less people (including driver) transporting children to or from school and home on a regular basis for compensation.

74	0.3	74	0.0	15	Commercial truck CH (Group C, Hazardous)
386	1.5	386	0.1	16	Commercial truck CP (Group C, Passenger)
33	0.1	33	0.0	17	Commercial truck CX (Group C, Tank & Hazardous)
791	3.0	791	0.1	18	Other
12261	47.1	669944	98.0	98	Non-CDL vehicle, no truck supplement data

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Variable 103      CDL TRUCK BODY STYLE                      Width: 2            Type: Numeric  
Dec:    None            Miss: 0

CDL TRK BODY STYLE FROM TRUCK SUPPLEMENT DATA

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
3712	14.3	3712	0.5    0    Uncoded & errors
4775	18.4	4775	0.7    1    Van/enclosed box
479	1.8	479	0.1    2    Cargo tank
1291	5.0	1291	0.2    3    Flatbed/platform
1279	4.9	1279	0.2    4    Dump
128	0.5	128	0.0    5    Concrete mixer
223	0.9	223	0.0    6    Auto transporter
391	1.5	391	0.1    7    Garbage/refuse
1482	5.7	1482	0.2    8    Other/unknown
12261	47.1	669944	98.0    98    Non-CDL vehicle, no truck supplement data

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Variable 104      SPECIAL VEHICLE                      Width: 1            Type: Numeric  
Dec:    None            Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
24681	94.9	678444	99.2    0    Uncoded & errors
51	0.2	2521	0.4    1    Police
75	0.3	266	0.0    2    Fire
839	3.2	1114	0.2    3    Bus
23	0.1	296	0.0    4    Ambulance
16	0.1	190	0.0    5    Farm Equipment
336	1.3	873	0.1    6    Construction / maintenance equipment

---

Variable 105      VEHICLE USE                      Width: 2            Type: Numeric  
Dec:    None            Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
1061	4.1	55412	8.1    0    Uncoded & errors
11068	42.5	584245	85.5    1    Private
11495	44.2	33180	4.9    2    Commercial
78	0.3	884	0.1    3    In pursuit / on emergency
80	0.3	409	0.1    4    Farm
1078	4.1	1687	0.2    5    School / education
34	0.1	350	0.1    6    Club / church ("Y" tag)
6	0.0	93	0.0    7    Military
484	1.9	3977	0.6    8    Other government nonemergency vehicle
106	0.4	561	0.1    9    Utility (gas, cable, etc.)
352	1.4	852	0.1    10    Road construction / maintenance
179	0.7	2054	0.3    11    Other

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Variable 106      VEHICLE DEFECT      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
25683	98.7	678980	99.3	0	Uncoded & errors
108	0.4	1724	0.3	1	Brakes
30	0.1	287	0.0	2	Lights/reflectors
12	0.0	264	0.0	3	Steering
87	0.3	831	0.1	4	Tires/wheels
1	0.0	63	0.0	5	Windows
100	0.4	1555	0.2	6	Other

Variable 107      NONCOMM TRAILER CONFIG      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
Noncommercial Trailer Configuration					
25434	97.7	679525	99.4	0	Uncoded & errors
176	0.7	1866	0.3	1	Utility
31	0.1	402	0.1	2	House
15	0.1	430	0.1	3	Boat
28	0.1	244	0.0	4	Farm
25	0.1	209	0.0	5	Towed auto
6	0.0	89	0.0	6	Recreational double
306	1.2	939	0.1	7	Other

Variable 108      REGISTRATION STATE      Width: 2      Type: Numeric  
Dec: None      Miss: 99

UNCODED, ERRORS = 'MI'      SANITIZED = SPACES

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
14	0.1	139	0.0	1	Alabama
3	0.0	36	0.0	2	Alaska
25	0.1	210	0.0	3	Arizona
8	0.0	84	0.0	4	Arkansas
23	0.1	292	0.0	5	California
9	0.0	102	0.0	6	Colorado
1	0.0	40	0.0	7	Connecticut
1	0.0	17	0.0	8	Delaware
0	0.0	3	0.0	9	District of Columbia
49	0.2	915	0.1	10	Florida
44	0.2	307	0.0	11	Georgia
0	0.0	4	0.0	12	Hawaii
4	0.0	29	0.0	13	Idaho
608	2.3	2628	0.4	14	Illinois
446	1.7	2640	0.4	15	Indiana
88	0.3	199	0.0	16	Iowa
5	0.0	53	0.0	17	Kansas

Variable 108:REGISTRATION STATE (Continued)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
25	0.1	209	0.0	18	Kentucky
3	0.0	58	0.0	19	Louisiana
5	0.0	26	0.0	20	Maine
5	0.0	111	0.0	21	Maryland
12	0.0	88	0.0	22	Massachusetts
22281	85.6	663684	97.1	23	Michigan
52	0.2	269	0.0	24	Minnesota
5	0.0	70	0.0	25	Mississippi
52	0.2	247	0.0	26	Missouri
5	0.0	30	0.0	27	Montana
49	0.2	90	0.0	28	Nebraska
0	0.0	34	0.0	29	Nevada
0	0.0	25	0.0	30	New Hampshire
26	0.1	139	0.0	31	New Jersey
0	0.0	31	0.0	32	New Mexico
34	0.1	308	0.0	33	New York
52	0.2	286	0.0	34	North Carolina
6	0.0	25	0.0	35	North Dakota
552	2.1	3667	0.5	36	Ohio
391	1.5	574	0.1	37	Oklahoma
19	0.1	86	0.0	38	Oregon
51	0.2	326	0.0	39	Pennsylvania
0	0.0	0	0.0	40	Puerto Rico
0	0.0	5	0.0	41	Rhode Island
8	0.0	98	0.0	42	South Carolina
5	0.0	31	0.0	43	South Dakota
121	0.5	415	0.1	44	Tennessee
46	0.2	489	0.1	45	Texas
8	0.0	23	0.0	46	Utah
2	0.0	13	0.0	47	Vermont
13	0.0	200	0.0	48	Virginia
5	0.0	76	0.0	49	Washington
6	0.0	43	0.0	50	West Virginia
198	0.8	1463	0.2	51	Wisconsin
1	0.0	19	0.0	52	Wyoming
9	0.0	20	0.0	53	Alberta
4	0.0	11	0.0	54	British Columbia
5	0.0	12	0.0	55	Manitoba
9	0.0	20	0.0	56	New Brunswick
0	0.0	0	0.0	57	Newfoundland
0	0.0	0	0.0	58	Northwest Territories
1	0.0	1	0.0	59	Nova Scotia
495	1.9	1619	0.2	60	Ontario
0	0.0	3	0.0	61	Prince Edward Island
40	0.2	57	0.0	62	Quebec
2	0.0	5	0.0	63	Saskatchewan
0	0.0	0	0.0	64	Yukon
0	0.0	1	0.0	65	Mexico
90	0.3	999	0.1	99	Sanitized, nonnumeric data

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Variable 109	WORST IMPACT POINT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## LOCATION OF GREATEST DAMAGE

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
717	2.8	13046	1.9	0	Rollover
4621	17.8	178429	26.1	1	Front center
2756	10.6	79659	11.7	2	Front corner, passenger side
2243	8.6	43037	6.3	3	Side, passenger
1287	4.9	27324	4.0	4	Rear corner, passenger side
2771	10.6	92413	13.5	5	Rear center
1585	6.1	28657	4.2	6	Rear corner, driver side
2647	10.2	50779	7.4	7	Side, driver
2893	11.1	82871	12.1	8	Front corner, driver side
216	0.8	4583	0.7	9	Undercarriage
706	2.7	15174	2.2	10	Multiple areas
959	3.7	6826	1.0	11	Other/unknown
1476	5.7	9042	1.3	12	None
1144	4.4	51864	7.6	99	Uncoded & errors, nonnumeric data

Variable 110	EXTENT OF DAMAGE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
4207	16.2	31378	4.6	0	No damage
9139	35.1	219259	32.1	1	Slight damage
4922	18.9	169038	24.7	2	Slight damage
2915	11.2	104191	15.2	3	Moderate damage
1617	6.2	53384	7.8	4	Moderate damage
829	3.2	25026	3.7	5	Moderate damage
585	2.2	13711	2.0	6	Heavy damage
546	2.1	8373	1.2	7	Heavy damage, not repairable
1261	4.8	59344	8.7	9	Uncoded & errors, nonnumeric data

Variable 111	DRIVEABLE AFTER CRASH	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
1132	4.4	53356	7.8	0	Uncoded & errors
19516	75.0	467353	68.4	1	Yes
5373	20.6	162995	23.8	2	No



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Variable 112      ACTION PRIOR TO CRASH      Width: 2      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code	Value	Description
Driver/cyclist action				
1479	5.7	56879	8.3	0 Uncoded & errors
10911	41.9	327298	47.9	1 Going straight
1818	7.0	46202	6.8	2 Turning left
1627	6.3	17386	2.5	3 Turning right
2822	10.8	64281	9.4	4 Stopped on road
23	0.1	836	0.1	5 In prior crash
1171	4.5	15190	2.2	6 Change lanes
1027	3.9	16369	2.4	7 Backing
1977	7.6	57950	8.5	8 Slowing/stopping on road
42	0.2	782	0.1	9 Slowing/stopping on other
491	1.9	11996	1.8	10 Starting up on road
23	0.1	366	0.1	11 Starting up on other
39	0.1	858	0.1	12 Enter parking
53	0.2	2207	0.3	13 Leave parking
355	1.4	9691	1.4	14 Enter road
40	0.2	1205	0.2	15 Leave road
60	0.2	1421	0.2	16 U-turn
414	1.6	5196	0.8	17 Overtake/passing
42	0.2	953	0.1	18 Avoiding object
7	0.0	188	0.0	19 Avoiding pedestrian
303	1.2	5301	0.8	20 Avoid vehicle (front/back)
122	0.5	2373	0.3	21 Avoid vehicle (angle)
22	0.1	410	0.1	22 Driverless moving
1008	3.9	27663	4.0	23 Parked
Pedestrian action				
13	0.0	1182	0.2	24 Crossing at intersection
8	0.0	1042	0.2	25 Crossing not at intersection
2	0.0	59	0.0	26 Getting on/off vehicle
1	0.0	247	0.0	27 In road with traffic
3	0.0	93	0.0	28 In road against traffic
6	0.0	124	0.0	29 Stand/lay in road
5	0.0	46	0.0	30 Push/work on vehicle
2	0.0	40	0.0	31 Other work in road
3	0.0	75	0.0	32 Playing in road
5	0.0	234	0.0	33 Other reason in road
7	0.0	206	0.0	34 Not in road
40	0.2	847	0.1	35 Other
42	0.2	4767	0.7	36 Unknown
Driver/cyclist action (continued)				
8	0.0	1741	0.3	37 Avoiding animal

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Variable 113	DIRECTION OF TRAVEL		Width: 2	Type: Numeric
			Dec: None	Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
624	2.4	32355	4.7	0 Uncoded & errors
6279	24.1	158364	23.2	1 East
6228	23.9	166071	24.3	2 North
176	0.7	2797	0.4	3 Northeast
139	0.5	2959	0.4	4 Northwest
6287	24.2	162359	23.7	5 South
141	0.5	2978	0.4	6 Southeast
172	0.7	2780	0.4	7 Southwest
5975	23.0	153041	22.4	8 West

Variable 114	HARMFUL EVENT #1		Width: 2	Type: Numeric
			Dec: None	Miss: 0

## FIRST EVENT CAUSING INJURY OR PROPERTY DAMAGE

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
Noncollision Event				
2007	7.7	76336	11.2	0 Uncoded & errors
1145	4.4	43895	6.4	1 Loss of control
263	1.0	5250	0.8	2 Cross centerline / median
112	0.4	4785	0.7	3 Ran off road left
307	1.2	10464	1.5	4 Ran off road right
12	0.0	310	0.0	5 Re-enter roadway
67	0.3	878	0.1	6 Overturn
82	0.3	1310	0.2	7 Separation of units
87	0.3	1723	0.3	8 Fire / explosion
2	0.0	46	0.0	9 Immersion
54	0.2	527	0.1	10 Jackknife
13	0.0	143	0.0	11 Downhill runaway
276	1.1	1105	0.2	12 Cargo loss / shift
11	0.0	265	0.0	13 Individual fell from vehicle
389	1.5	4860	0.7	14 Other noncollision
Collision With Nonfixed Object				
41	0.2	2579	0.4	15 Pedestrian
20	0.1	2129	0.3	16 Pedalcycle
18664	71.7	436410	63.8	17 Motor-vehicle in transport
677	2.6	17801	2.6	18 Parked vehicle
5	0.0	137	0.0	19 Railroad train / engineer
464	1.8	57405	8.4	20 Animal
642	2.5	5941	0.9	21 Other nonfixed object
Collision With Fixed Object				
81	0.3	198	0.0	22 Bridge / pier / abutment
8	0.0	322	0.0	23 Bridge parapet end
13	0.0	115	0.0	24 Bridge rail
10	0.0	395	0.1	25 Guardrail face
1	0.0	70	0.0	26 Guardrail end

Variable 114:HARMFUL EVENT #1 (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
10	0.0	27	Median barrier
37	0.1	28	Highway traffic sign post
10	0.0	29	Highway signal post
36	0.1	30	Luminary / light support
89	0.3	31	Utility pole
23	0.1	32	Other pole
1	0.0	33	Culvert
24	0.1	34	Curb
12	0.0	35	Ditch
2	0.0	36	Embankment
12	0.0	37	Fence
12	0.0	38	Mailbox
31	0.1	39	Tree
22	0.1	40	Rail crossing signal
10	0.0	41	Building
1	0.0	42	Traffic island
22	0.1	43	Fire hydrant
0	0.0	44	Impact attenuator (crash cushion)
214	0.8	45	Other fixed object

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Variable 115      HARMFUL EVENT #2      Width: 2      Type: Numeric  
Dec:    None      Miss: 0

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SECOND EVENT CAUSING INJURY OR PROPERTY DAMAGE

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
Noncollision Event			
22697	87.2	587626	85.9    0    Uncoded & errors
231	0.9	5081	0.7    1    Loss of control
146	0.6	3907	0.6    2    Cross centerline / median
181	0.7	10410	1.5    3    Ran off road left
244	0.9	14491	2.1    4    Ran off road right
32	0.1	726	0.1    5    Re-enter roadway
98	0.4	2225	0.3    6    Overturn
45	0.2	1263	0.2    7    Separation of units
5	0.0	126	0.0    8    Fire / explosion
0	0.0	12	0.0    9    Immersion
61	0.2	176	0.0    10    Jackknife
2	0.0	23	0.0    11    Downhill runaway
31	0.1	90	0.0    12    Cargo loss / shift
4	0.0	302	0.0    13    Individual fell from vehicle
22	0.1	480	0.1    14    Other noncollision
Collision With Nonfixed Object			
7	0.0	259	0.0    15    Pedestrian
0	0.0	68	0.0    16    Pedalcycle
1572	6.0	26397	3.9    17    Motor-vehicle in transport
104	0.4	2561	0.4    18    Parked vehicle
0	0.0	14	0.0    19    Railroad train / engineer

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Variable 115:HARMFUL EVENT #2 (Continued)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
8	0.0	499	0.1	20	Animal
35	0.1	839	0.1	21	Other nonfixed object
Collision With Fixed Object					
8	0.0	265	0.0	22	Bridge / pier / abutment
0	0.0	46	0.0	23	Bridge parapet end
7	0.0	282	0.0	24	Bridge rail
47	0.2	1833	0.3	25	Guardrail face
3	0.0	253	0.0	26	Guardrail end
57	0.2	2051	0.3	27	Median barrier
38	0.1	1638	0.2	28	Highway traffic sign post
5	0.0	148	0.0	29	Highway signal post
14	0.1	336	0.0	30	Luminary / light support
40	0.2	1731	0.3	31	Utility pole
12	0.0	625	0.1	32	Other pole
2	0.0	314	0.0	33	Culvert
56	0.2	3110	0.5	34	Curb
76	0.3	4250	0.6	35	Ditch
17	0.1	851	0.1	36	Embankment
9	0.0	807	0.1	37	Fence
18	0.1	1548	0.2	38	Mailbox
32	0.1	3886	0.6	39	Tree
1	0.0	28	0.0	40	Rail crossing signal
10	0.0	361	0.1	41	Building
1	0.0	39	0.0	42	Traffic island
12	0.0	275	0.0	43	Fire hydrant
0	0.0	18	0.0	44	Impact attenuator (crash cushion)
31	0.1	1434	0.2	45	Other fixed object

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Variable 116	HARMFUL EVENT #3	Width: 2	Type: Numeric
		Dec: None	Miss: 0

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THIRD EVENT CAUSING INJURY OR PROPERTY DAMAGE

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
Noncollision Event					
24802	95.3	640333	93.7	0	Uncoded & errors
15	0.1	441	0.1	1	Loss of control
17	0.1	379	0.1	2	Cross centerline / median
93	0.4	2949	0.4	3	Ran off road left
78	0.3	1919	0.3	4	Ran off road right
36	0.1	690	0.1	5	Re-enter roadway
104	0.4	5062	0.7	6	Overturn
15	0.1	183	0.0	7	Separation of units
2	0.0	43	0.0	8	Fire / explosion
2	0.0	19	0.0	9	Immersion
32	0.1	72	0.0	10	Jackknife
0	0.0	8	0.0	11	Downhill runaway
11	0.0	34	0.0	12	Cargo loss / shift

Variable 116:HARMFUL EVENT #3 (Continued)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
2	0.0	196	0.0	13	Individual fell from vehicle
9	0.0	131	0.0	14	Other noncollision
Collision With Nonfixed Object					
3	0.0	62	0.0	15	Pedestrian
2	0.0	11	0.0	16	Pedalcycle
365	1.4	4889	0.7	17	Motor-vehicle in transport
28	0.1	814	0.1	18	Parked vehicle
0	0.0	5	0.0	19	Railroad train / engineer
1	0.0	17	0.0	20	Animal
3	0.0	285	0.0	21	Other nonfixed object
Collision With Fixed Object					
9	0.0	171	0.0	22	Bridge / pier / abutment
0	0.0	18	0.0	23	Bridge parapet end
5	0.0	150	0.0	24	Bridge rail
49	0.2	1264	0.2	25	Guardrail face
10	0.0	224	0.0	26	Guardrail end
42	0.2	1004	0.1	27	Median barrier
14	0.1	1538	0.2	28	Highway traffic sign post
3	0.0	118	0.0	29	Highway signal post
7	0.0	261	0.0	30	Luminary / light support
23	0.1	1544	0.2	31	Utility pole
10	0.0	543	0.1	32	Other pole
8	0.0	396	0.1	33	Culvert
24	0.1	984	0.1	34	Curb
83	0.3	5514	0.8	35	Ditch
22	0.1	1252	0.2	36	Embankment
11	0.0	940	0.1	37	Fence
7	0.0	1235	0.2	38	Mailbox
45	0.2	6039	0.9	39	Tree
1	0.0	15	0.0	40	Rail crossing signal
4	0.0	350	0.1	41	Building
0	0.0	16	0.0	42	Traffic island
2	0.0	248	0.0	43	Fire hydrant
0	0.0	15	0.0	44	Impact attenuator (crash cushion)
22	0.1	1323	0.2	45	Other fixed object

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Variable 117      HARMFUL EVENT #4      Width: 2      Type: Numeric  
Dec:    None      Miss: 0

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FOURTH EVENT CAUSING INJURY OR PROPERTY DAMAGE

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
Noncollision Event					
25581	98.3	669010	97.9	0	Uncoded & errors
0	0.0	27	0.0	1	Loss of control
1	0.0	22	0.0	2	Cross centerline / median
11	0.0	273	0.0	3	Ran off road left

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## Variable 117:HARMFUL EVENT #4 (Continued)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
14	0.1	230	0.0	4	Ran off road right
4	0.0	279	0.0	5	Re-enter roadway
71	0.3	3270	0.5	6	Overturn
3	0.0	51	0.0	7	Separation of units
5	0.0	60	0.0	8	Fire / explosion
0	0.0	30	0.0	9	Immersion
11	0.0	17	0.0	10	Jackknife
0	0.0	4	0.0	11	Downhill runaway
3	0.0	14	0.0	12	Cargo loss / shift
1	0.0	70	0.0	13	Individual fell from vehicle
1	0.0	42	0.0	14	Other noncollision
Collision With Nonfixed Object					
1	0.0	20	0.0	15	Pedestrian
0	0.0	5	0.0	16	Pedalcycle
114	0.4	1198	0.2	17	Motor-vehicle in transport
13	0.0	329	0.0	18	Parked vehicle
0	0.0	1	0.0	19	Railroad train / engineer
0	0.0	36	0.0	20	Animal
2	0.0	76	0.0	21	Other nonfixed object
Collision With Fixed Object					
2	0.0	46	0.0	22	Bridge / pier / abutment
0	0.0	6	0.0	23	Bridge parapet end
0	0.0	41	0.0	24	Bridge rail
23	0.1	338	0.0	25	Guardrail face
4	0.0	47	0.0	26	Guardrail end
27	0.1	257	0.0	27	Median barrier
6	0.0	324	0.0	28	Highway traffic sign post
0	0.0	25	0.0	29	Highway signal post
1	0.0	64	0.0	30	Luminary / light support
8	0.0	557	0.1	31	Utility pole
2	0.0	173	0.0	32	Other pole
0	0.0	163	0.0	33	Culvert
5	0.0	150	0.0	34	Curb
40	0.2	1908	0.3	35	Ditch
13	0.0	427	0.1	36	Embankment
5	0.0	427	0.1	37	Fence
0	0.0	254	0.0	38	Mailbox
31	0.1	2604	0.4	39	Tree
0	0.0	6	0.0	40	Rail crossing signal
3	0.0	234	0.0	41	Building
0	0.0	3	0.0	42	Traffic island
2	0.0	74	0.0	43	Fire hydrant
0	0.0	3	0.0	44	Impact attenuator (crash cushion)
13	0.0	509	0.1	45	Other fixed object

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Variable 118      EVENT 1 MOST HARMFUL      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

FIRST EVENT WAS MOST HARMFUL IN CRASH

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
4571	17.6	143226	20.9	0	Uncoded & errors
21450	82.4	540478	79.1	1	Yes

---

Variable 119      EVENT 2 MOST HARMFUL      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

SECOND EVENT WAS MOST HARMFUL IN CRASH

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
24232	93.1	640063	93.6	0	Uncoded & errors
1789	6.9	43641	6.4	1	Yes

---

Variable 120      EVENT 3 MOST HARMFUL      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

THIRD EVENT WAS MOST HARMFUL IN CRASH

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
25452	97.8	657545	96.2	0	Uncoded & errors
569	2.2	26159	3.8	1	Yes

---

Variable 121      EVENT 4 MOST HARMFUL      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

FOURTH EVENT WAS MOST HARMFUL IN CRASH

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
25789	99.1	674004	98.6	0	Uncoded & errors
232	0.9	9700	1.4	1	Yes

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Variable 122	MOST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 0

MOST HARMFUL EVENT INDICATED BY THE OFFICER BASED ON VARIABLES  
118-121

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
Noncollision Event					
988	3.8	37253	5.4	0	Uncoded & errors
58	0.2	2335	0.3	1	Loss of control
20	0.1	499	0.1	2	Cross centerline / median
20	0.1	661	0.1	3	Ran off road left
35	0.1	1166	0.2	4	Ran off road right
3	0.0	76	0.0	5	Re-enter roadway
230	0.9	8363	1.2	6	Overturn
53	0.2	931	0.1	7	Separation of units
44	0.2	687	0.1	8	Fire / explosion
0	0.0	46	0.0	9	Immersion
78	0.3	253	0.0	10	Jackknife
1	0.0	46	0.0	11	Downhill runaway
194	0.7	792	0.1	12	Cargo loss / shift
8	0.0	459	0.1	13	Individual fell from vehicle
210	0.8	1991	0.3	14	Other noncollision
Collision With Nonfixed Object					
45	0.2	2457	0.4	15	Pedestrian
21	0.1	2055	0.3	16	Pedalcycle
19079	73.3	432572	63.3	17	Motor-vehicle in transport
730	2.8	18602	2.7	18	Parked vehicle
4	0.0	121	0.0	19	Railroad train / engineer
415	1.6	54889	8.0	20	Animal
618	2.4	5971	0.9	21	Other nonfixed object
Collision With Fixed Object					
91	0.3	539	0.1	22	Bridge / pier / abutment
6	0.0	256	0.0	23	Bridge parapet end
15	0.1	418	0.1	24	Bridge rail
59	0.2	2872	0.4	25	Guardrail face
8	0.0	488	0.1	26	Guardrail end
61	0.2	2776	0.4	27	Median barrier
62	0.2	2358	0.3	28	Highway traffic sign post
15	0.1	229	0.0	29	Highway signal post
46	0.2	622	0.1	30	Luminary / light support
129	0.5	3556	0.5	31	Utility pole
33	0.1	1011	0.1	32	Other pole
7	0.0	652	0.1	33	Culvert
16	0.1	1942	0.3	34	Curb
114	0.4	7775	1.1	35	Ditch
36	0.1	1640	0.2	36	Embankment
17	0.1	1444	0.2	37	Fence
26	0.1	2116	0.3	38	Mailbox
100	0.4	11326	1.7	39	Tree
23	0.1	92	0.0	40	Rail crossing signal
22	0.1	838	0.1	41	Building
1	0.0	45	0.0	42	Traffic island



Variable 122: MOST HARMFUL EVENT (Continued)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
30	0.1	526	0.1	43	Fire hydrant
0	0.0	44	0.0	44	Impact attenuator (crash cushion)
233	0.9	3263	0.5	45	Other fixed object
2017	7.8	64651	9.5	98	No event coded as most harmful

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Variable 123      HAZARDOUS ACTION      Width: 2      Type: Numeric  
Dec: None      Miss: 99

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
12616	48.5	333536	48.8	0	None
954	3.7	36695	5.4	1	Speed too fast
30	0.1	771	0.1	2	Speed too slow
1705	6.6	58264	8.5	3	Fail to yield
442	1.7	14421	2.1	4	Disregard traffic control
13	0.0	493	0.1	5	Wrong way
196	0.8	3431	0.5	6	Left of center
355	1.4	4186	0.6	7	Improper passing
1181	4.5	14161	2.1	8	Improper lane usage
740	2.8	7403	1.1	9	Improper turn
38	0.1	798	0.1	10	Improper signal
815	3.1	12373	1.8	11	Improper backing
2471	9.5	88466	12.9	12	Clear distance
1978	7.6	26185	3.8	13	Other
805	3.1	18796	2.7	14	Unknown
35	0.1	3099	0.5	15	Reckless driving
559	2.1	13713	2.0	16	Careless / negligent driving
1088	4.2	46913	6.9	99	Uncoded & errors, nonnumeric data

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Variable 124      DRIVER HAZARDOUS CITATN      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
21383	82.2	559644	81.9	0	Uncoded & errors
4638	17.8	124060	18.1	1	Yes

---

Variable 125      DRIVER OTHER CITATION      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
25203	96.9	658963	96.4	0	Uncoded & errors
818	3.1	24741	3.6	1	Yes

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Variable 126      DRINKING INFORMATION      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

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TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
3608	13.9	132832	19.4	0	Uncoded & errors
240	0.9	16075	2.4	1	Yes
22173	85.2	534797	78.2	2	No

---

Variable 127      REFUSAL INFORMATION      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

---

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
25994	99.9	682452	99.8	0	Uncoded & errors
27	0.1	1252	0.2	1	Refused

---

Variable 128      FIELD SOBRIETY TEST      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

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TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
25976	99.8	680331	99.5	0	Uncoded & errors
45	0.2	3373	0.5	1	Yes

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Variable 129      PBT TEST      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

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TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
25637	98.5	673962	98.6	0	Uncoded & errors
384	1.5	9742	1.4	1	Yes

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Variable 130      BREATHALYZER TEST      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

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TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
25948	99.7	678348	99.2	0	Uncoded & errors
73	0.3	5356	0.8	1	Yes



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Variable 134:COMPUTED NUMBER FATAL (Continued)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
11	0.0	62	0.0	2	2 killed
2	0.0	8	0.0	3	3 killed
1	0.0	1	0.0	4	4 killed
0	0.0	1	0.0	6	6 killed

---

Variable 135      COMPUTED NUMBER INJURED      Width: 3      Type: Numeric  
Dec:    None      Miss: 999

CJDC COMPUTED NUMBER OF INJURIES IN VEHICLE

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
23036	88.5	588446	86.1	0	0 injured
2534	9.7	81344	11.9	1	1 injured
351	1.3	11265	1.6	2	2 injured
70	0.3	2268	0.3	3	3 injured
14	0.1	241	0.0	4	4 injured
9	0.0	93	0.0	5	5 injured
1	0.0	22	0.0	6	6 injured
1	0.0	10	0.0	7	7 injured
2	0.0	6	0.0	8	8 injured
0	0.0	1	0.0	9	9 injured
1	0.0	2	0.0	10	10 injured
0	0.0	1	0.0	11	11 injured
0	0.0	1	0.0	12	12 injured
0	0.0	1	0.0	13	13 injured
0	0.0	1	0.0	15	15 injured
1	0.0	1	0.0	17	17 injured
1	0.0	1	0.0	30	30 injured

---

Variable 136      TU WORST INJURY      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

TDC COMPUTED WORST INJURY IN TRAFFIC UNIT (TU)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
129	0.5	1193	0.2	1	Fatal
384	1.5	9032	1.3	2	A - incapacitating injury
758	2.9	23452	3.4	3	B - nonincapacitating injury
1813	7.0	62437	9.1	4	C - possible injury
22937	88.1	587590	85.9	5	No injury

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Variable 137      TU TOTAL KILLED      Width: 2      Type: Numeric  
Dec: None      Miss: 99

TDC COMPUTED TOTAL KILLED IN TRAFFIC UNIT (TU)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
25892	99.5	682511	99.8	0	0 killed
115	0.4	1121	0.2	1	1 killed
11	0.0	62	0.0	2	2 killed
2	0.0	8	0.0	3	3 killed
1	0.0	1	0.0	4	4 killed
0	0.0	1	0.0	6	6 killed

Variable 138      TU TOTAL A INJURED      Width: 2      Type: Numeric  
Dec: None      Miss: 99

TDC COMPUTED TOTAL A-INJURED IN TRAFFIC UNIT (TU)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
25615	98.4	674458	98.6	0	0 A-injured
351	1.3	8219	1.2	1	1 A-injured
41	0.2	827	0.1	2	2 A-injured
11	0.0	155	0.0	3	3 A-injured
1	0.0	34	0.0	4	4 A-injured
1	0.0	8	0.0	5	5 A-injured
0	0.0	2	0.0	6	6 A-injured
1	0.0	1	0.0	30	30 A-injured

Variable 139      TU TOTAL B INJURED      Width: 2      Type: Numeric  
Dec: None      Miss: 99

TDC COMPUTED TOTAL B-INJURED IN TRAFFIC UNIT (TU)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
25220	96.9	659308	96.4	0	0 B-injured
725	2.8	21456	3.1	1	1 B-injured
61	0.2	2579	0.4	2	2 B-injured
10	0.0	305	0.0	3	3 B-injured
2	0.0	40	0.0	4	4 B-injured
2	0.0	15	0.0	5	5 B-injured
1	0.0	1	0.0	7	7 B-injured

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Variable 140	TU TOTAL C INJURED	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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TDC COMPUTED TOTAL C-INJURED IN TRAFFIC UNIT (TU)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value	and Description
24106	92.6	618172	90.4	0	0	C-injured
1680	6.5	58245	8.5	1	1	C-injured
188	0.7	6179	0.9	2	2	C-injured
37	0.1	981	0.1	3	3	C-injured
4	0.0	84	0.0	4	4	C-injured
3	0.0	27	0.0	5	5	C-injured
1	0.0	5	0.0	6	6	C-injured
0	0.0	4	0.0	7	7	C-injured
1	0.0	1	0.0	8	8	C-injured
0	0.0	1	0.0	10	10	C-injured
0	0.0	1	0.0	11	11	C-injured
0	0.0	1	0.0	12	12	C-injured
0	0.0	1	0.0	13	13	C-injured
1	0.0	2	0.0	14	14	C-injured

---

Variable 141	TU TOTAL INJURED	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

TDC COMPUTED TOTAL INJURED IN TRAFFIC UNIT (TU)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value	and Description
23036	88.5	588446	86.1	0	0	injured
2534	9.7	81344	11.9	1	1	injured
351	1.3	11265	1.6	2	2	injured
70	0.3	2268	0.3	3	3	injured
14	0.1	241	0.0	4	4	injured
9	0.0	93	0.0	5	5	injured
1	0.0	22	0.0	6	6	injured
1	0.0	10	0.0	7	7	injured
2	0.0	6	0.0	8	8	injured
0	0.0	1	0.0	9	9	injured
1	0.0	2	0.0	10	10	injured
0	0.0	1	0.0	11	11	injured
0	0.0	1	0.0	12	12	injured
0	0.0	1	0.0	13	13	injured
0	0.0	1	0.0	15	15	injured
1	0.0	1	0.0	17	17	injured
1	0.0	1	0.0	30	30	injured

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Variable 142      TU TOTAL CASUALTIES      Width: 2      Type: Numeric  
Dec: None      Miss: 99

TU TOTAL KILLED (v137) plus TU TOTAL INJURED (v141)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value	Description
22937	88.1	587590	85.9	0	0	casualties
2607	10.0	81938	12.0	1	1	casualty
363	1.4	11414	1.7	2	2	casualties
82	0.3	2349	0.3	3	3	casualties
15	0.1	264	0.0	4	4	casualties
9	0.0	99	0.0	5	5	casualties
2	0.0	25	0.0	6	6	casualties
1	0.0	10	0.0	7	7	casualties
2	0.0	6	0.0	8	8	casualties
0	0.0	1	0.0	9	9	casualties
0	0.0	1	0.0	10	10	casualties
0	0.0	1	0.0	11	11	casualties
0	0.0	1	0.0	12	12	casualties
0	0.0	1	0.0	13	13	casualties
1	0.0	1	0.0	14	14	casualties
0	0.0	1	0.0	15	15	casualties
1	0.0	1	0.0	17	17	casualties
1	0.0	1	0.0	30	30	casualties

Variable 143      TU TOTAL UNINJURED      Width: 1      Type: Numeric  
Dec: None      Miss: 9

TDC COMPUTED TOTAL UNINJURED IN TRAFFIC UNIT (TU)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value	Description
3271	12.6	94227	13.8	0	0	persons
17178	66.0	397432	58.1	1	1	person
2524	9.7	93615	13.7	2	2	persons
612	2.4	25593	3.7	3	3	persons
249	1.0	10306	1.5	4	4	persons
122	0.5	3046	0.4	5	5	persons
67	0.3	820	0.1	6	6	persons
636	2.4	1507	0.2	7	7	or more persons
1362	5.2	57158	8.4	9		Missing data

Variable 144      TOTAL OCC RECS FOR TU      Width: 2      Type: Numeric  
Dec: None      Miss: 9

TDC COMPUTD # OF OCC RECORDS FOR TRAFFIC UNIT (TU)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value	Description
25246	97.0	658178	96.3	1	1	person record
596	2.3	20923	3.1	2	2	person records

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Variable 144:TOTAL OCC RECS FOR TU (Continued)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
143	0.5	4122	0.6	3	3 person records
16	0.1	302	0.0	4	4 person records
10	0.0	124	0.0	5	5 person records
4	0.0	26	0.0	6	6 person records
1	0.0	13	0.0	7	7 person records
1	0.0	6	0.0	8	8 person records
1	0.0	2	0.0	9	9 person records
0	0.0	2	0.0	11	11 person records
0	0.0	1	0.0	12	12 person records
1	0.0	2	0.0	14	14 person records
0	0.0	1	0.0	15	15 person records
1	0.0	1	0.0	18	18 person records
1	0.0	1	0.0	31	31 person records

---

Variable 145      TDC-UMTRI UNIT NUMBER      Width: 2      Type: Numeric  
Dec: None      Miss: 0

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
13515	51.9	395515	57.8	1	Unit #1
				-	
2	0.0	8	0.0	9	Unit #9

---

Variable 146      DRIVER POSITION      Width: 2      Type: Numeric  
Dec: None      Miss: 99

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
25884	99.5	677527	99.1	1	Left front, in-line vehicle driver, Uncoded & errors
9	0.0	125	0.0	2	Center front
35	0.1	290	0.0	3	Right front
16	0.1	704	0.1	4	Left rear, in-line vehicle passenger #1
0	0.0	23	0.0	5	Center rear
0	0.0	8	0.0	6	Right rear
0	0.0	17	0.0	7	Left rear 3rd seat, in-line veh passenger #2
1	0.0	9	0.0	8	Center rear 3rd seat
0	0.0	22	0.0	9	Right rear 3rd seat
1	0.0	7	0.0	10	In sleeper
3	0.0	21	0.0	11	Other enclosed area
0	0.0	8	0.0	12	Other unenclosed area
0	0.0	1	0.0	13	In/on trailing unit
0	0.0	9	0.0	14	On vehicle exterior
8	0.0	219	0.0	15	Unknown
14	0.1	1988	0.3	50	(B) Bicyclist
2	0.0	65	0.0	51	(E) Engineer
48	0.2	2660	0.4	52	(P) Pedestrian



Variable 146:DRIVER POSITION (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code Value	Description		
0	0.0	1	0.0	99	Non-numeric data

---

Variable 147      DRIVER RESTRAINT      Width: 2      Type: Numeric  
Dec: None      Miss: 0

---

TRUCK Prcnt	CENSUS Prcnt	Code Value	Description		
5545	21.3	102744	15.0	0	Uncoded & errors
94	0.4	2675	0.4	1	No belts available
39	0.1	1224	0.2	2	Shoulder only used
508	2.0	2271	0.3	3	Lap only used
18711	71.9	545710	79.8	4	Both lap & shoulder used
414	1.6	7647	1.1	5	No belts used
2	0.0	26	0.0	6	Child restraint used
0	0.0	38	0.0	7	Child restraint not used, unavailable or improper use
1	0.0	39	0.0	8	Restraint failed
681	2.6	17772	2.6	9	Restraint use unknown
19	0.1	2487	0.4	10	Helmet worn
6	0.0	929	0.1	11	Helmet not worn
1	0.0	142	0.0	12	Helmet use unknown

---

Variable 148      DRIVER AIRBAG      Width: 1      Type: Numeric  
Dec: None      Miss: 0

---

TRUCK Prcnt	CENSUS Prcnt	Code Value	Description		
2923	11.2	106917	15.6	0	Uncoded & errors
902	3.5	40384	5.9	1	Deployed
11746	45.1	404337	59.1	2	Not deployed
10450	40.2	132066	19.3	3	Not available

---

Variable 149      DRIVER EJECTION      Width: 1      Type: Numeric  
Dec: None      Miss: 0

---

TRUCK Prcnt	CENSUS Prcnt	Code Value	Description		
25994	99.9	682289	99.8	0	Uncoded & errors
27	0.1	1415	0.2	1	Yes

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---

Variable 150	DRIVER TRAPPED	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
25824	99.2	681606	99.7	0	Uncoded & errors
197	0.8	2098	0.3	1	Yes

---

Variable 151	DRIVER LICENSE STATE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

UNCODED, ERRORS = 'MI'      SANITIZED = SPACES

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
2	0.0	7	0.0	1	Alabama
0	0.0	0	0.0	2	Alaska
0	0.0	10	0.0	3	Arizona
2	0.0	5	0.0	4	Arkansas
2	0.0	24	0.0	5	California
0	0.0	10	0.0	6	Colorado
0	0.0	2	0.0	7	Connecticut
0	0.0	1	0.0	8	Delaware
0	0.0	1	0.0	9	District of Columbia
4	0.0	62	0.0	10	Florida
0	0.0	7	0.0	11	Georgia
0	0.0	1	0.0	12	Hawaii
0	0.0	1	0.0	13	Idaho
14	0.1	77	0.0	14	Illinois
21	0.1	117	0.0	15	Indiana
5	0.0	13	0.0	16	Iowa
0	0.0	1	0.0	17	Kansas
4	0.0	11	0.0	18	Kentucky
0	0.0	1	0.0	19	Louisiana
1	0.0	1	0.0	20	Maine
1	0.0	8	0.0	21	Maryland
0	0.0	6	0.0	22	Massachusetts
25838	99.3	682864	99.9	23	Michigan
2	0.0	12	0.0	24	Minnesota
0	0.0	4	0.0	25	Mississippi
2	0.0	8	0.0	26	Missouri
0	0.0	2	0.0	27	Montana
0	0.0	0	0.0	28	Nebraska
0	0.0	3	0.0	29	Nevada
0	0.0	3	0.0	30	New Hampshire
0	0.0	1	0.0	31	New Jersey
0	0.0	0	0.0	32	New Mexico
2	0.0	13	0.0	33	New York
2	0.0	13	0.0	34	North Carolina
1	0.0	2	0.0	35	North Dakota
33	0.1	164	0.0	36	Ohio
1	0.0	2	0.0	37	Oklahoma
1	0.0	4	0.0	38	Oregon
0	0.0	6	0.0	39	Pennsylvania

Variable 151:DRIVER LICENSE STATE (Continued)

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
0	0.0	0	0.0	40	Puerto Rico
0	0.0	1	0.0	41	Rhode Island
3	0.0	7	0.0	42	South Carolina
0	0.0	4	0.0	43	South Dakota
5	0.0	15	0.0	44	Tennessee
3	0.0	23	0.0	45	Texas
1	0.0	1	0.0	46	Utah
0	0.0	1	0.0	47	Vermont
1	0.0	13	0.0	48	Virginia
0	0.0	1	0.0	49	Washington
0	0.0	0	0.0	50	West Virginia
11	0.0	46	0.0	51	Wisconsin
0	0.0	0	0.0	52	Wyoming
1	0.0	2	0.0	53	Alberta
0	0.0	0	0.0	54	British Columbia
2	0.0	3	0.0	55	Manitoba
0	0.0	0	0.0	56	New Brunswick
0	0.0	0	0.0	57	Newfoundland
0	0.0	0	0.0	58	Northwest Territories
0	0.0	0	0.0	59	Nova Scotia
49	0.2	97	0.0	60	Ontario
0	0.0	0	0.0	61	Prince Edward Island
5	0.0	7	0.0	62	Quebec
0	0.0	0	0.0	63	Saskatchewan
0	0.0	0	0.0	64	Yukon
0	0.0	0	0.0	65	Mexico
2	0.0	16	0.0	99	Sanitized, nonnumeric data

---

Variable 152      LICENSE TYPE      Width: 1      Type: Numeric  
Dec:    None      Miss: None

---

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
2625	10.1	94841	13.9	0	None
11337	43.6	535554	78.3	1	Operators license
11747	45.1	51667	7.6	2	Chauffeurs license
16	0.1	233	0.0	3	Moped license
290	1.1	1367	0.2	4	Operators & chauffeurs license
2	0.0	28	0.0	5	Operators & moped license
4	0.0	11	0.0	6	Chauffeurs & moped license
0	0.0	3	0.0	7	Operators, chauffeurs, & moped license

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Variable 153      LICENSE TYPE - CYCLE      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
25452    97.8	674828   98.7	0	No cycle (uncoded & errors)	
569      2.2	8876     1.3	1	Cycle	

---

Variable 154      LICENSE TYPE - FARM      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
26003    99.9	683516   100.0	0	No farm (uncoded & errors)	
18       0.1	188      0.0	1	Farm	

---

Variable 155      LICENSE-RECREATIONAL DBL      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

## LICENSE ENDORSEMENT - RECREATIONAL DOUBLE

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
25877    99.4	682461   99.8	0	No recreational double (uncoded & errors)	
144      0.6	1243     0.2	1	Recreational double	

---

Variable 156      DRIVER BIRTH DATE      Width: 8      Type: Numeric  
Dec:    None      Miss: None

---

Variable 157      DRIVER AGE      Width: 3      Type: Numeric  
Dec:    None      Miss: 999

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
0    0.0	8    0.0	0	Less than 1 year old	
		-		
0    0.0	1    0.0	102	102 years old	
0    0.0	1    0.0	116		
0    0.0	1    0.0	118		
0    0.0	1    0.0	119		
0    0.0	1    0.0	133		
0    0.0	1    0.0	145		
0    0.0	1    0.0	166		
0    0.0	1    0.0	172		
0    0.0	1    0.0	216		
0    0.0	1    0.0	218		
0    0.0	1    0.0	220		
0    0.0	1    0.0	223		

Variable 157:DRIVER AGE (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
0	0.0	1	0.0 243
0	0.0	1	0.0 244
0	0.0	1	0.0 246
0	0.0	1	0.0 278
0	0.0	1	0.0 305
0	0.0	1	0.0 329
0	0.0	1	0.0 334
0	0.0	1	0.0 342
0	0.0	1	0.0 346
0	0.0	1	0.0 362
5247	20.2	92909	13.6 999 DOB bad

---

Variable 158      DRIVER SEX      Width: 1      Type: Numeric  
Dec: None      Miss: 9

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
18042	69.3	354440	51.8 1 Male
5996	23.0	256586	37.5 2 Female
1983	7.6	72678	10.6 9 (Space) Unknown, nonnumeric data

---

Variable 159      DRIVER DEGREE OF INJURY      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
1802	6.9	72365	10.6 0 Uncoded & errors
117	0.4	998	0.1 1 Killed
340	1.3	7643	1.1 2 Incapacitating injury
661	2.5	18868	2.8 3 Nonincapacitating injury
1591	6.1	55301	8.1 4 Possible injury
21510	82.7	528529	77.3 5 No injury

---

Variable 160      DRIVER CONDITION #1      Width: 2      Type: Numeric  
Dec: None      Miss: None

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
4302	16.5	165001	24.1 0 Uncoded & errors
21719	83.5	518703	75.9 1 Appeared normal



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Variable 166      DRIVER CONDITION #7      Width: 2      Type: Numeric  
Dec: None      Miss: None

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
26004    99.9	682961    99.9	0	Uncoded & errors	
17      0.1	743      0.1	1	Medication	

---

Variable 167      DRIVER CONDITION #8      Width: 2      Type: Numeric  
Dec: None      Miss: None

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
25878    99.5	679751    99.4	0	Uncoded & errors	
143      0.5	3953      0.6	1	Driver distracted	

---

Variable 168      DRIVER CONDITION #9      Width: 2      Type: Numeric  
Dec: None      Miss: None

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
25993    99.9	682834    99.9	0	Uncoded & errors	
28      0.1	870      0.1	1	Driver using cellular phone	

---

Variable 169      DRIVER CONDITION #99      Width: 2      Type: Numeric  
Dec: None      Miss: None

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
24982    96.0	645727    94.4	0	Uncoded & errors	
1039     4.0	37977     5.6	1	Unknown	

---

Variable 170      DRUG USE      Width: 2      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
4036    15.5	144075    21.1	0	Uncoded & errors	
32      0.1	1223      0.2	1	Yes	
21953    84.4	538406    78.7	2	No	

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Variable 171	FLAG: BLOOD TEST	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

FLAG: DRIVER GIVEN A "BLOOD TEST"

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
25971	99.8	682548	99.8	0	Uncoded & errors
50	0.2	1156	0.2	1	Driver given a blood test

---

Variable 172	FLAG: URINE TEST	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

FLAG: DRIVER GIVEN AN "URINE TEST"

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
26006	99.9	683558	100.0	0	Uncoded & errors
15	0.1	146	0.0	1	Driver given an urine test

---

Variable 173	IGNITION INTERLOCK	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TRUCK	Prcnt	CENSUS	Prcnt	Code	Value and Description
3490	13.4	128847	18.8	0	Uncoded & errors
29	0.1	860	0.1	1	Yes
22502	86.5	553997	81.0	2	No

Variable 174 VIN - VEHICLE IDENTIFICATION NUMBER NOT CURRENTLY CAPTURED BY THE STATE OF MICHIGAN



The TRUCK Variables

Variables 200 through 224 describe the Truck units involved in the accident. They are included in all Vehicle and Occupant data sets in the Truck subsets.

---

Variable 200	CDL GROUP TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

See variable 102 for definitions of values A, B, and C

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
4690	18.0	0 Uncoded & errors
5455	21.0	1 A
1293	5.0	2 B
1769	6.8	3 C
553	2.1	4 None
12261	47.1	8 Non-CDL vehicle, no data

---

Variable 201	CDL H ENDORSEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

Operator must obtain State-issued endorsement to his/her CDL to operate commercial vehicles placarded hazardous materials

CDL Placarded Hazardous Materials (H) endorsement

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
12756	49.0	0 Uncoded & errors
1004	3.9	1 Yes
12261	47.1	8 Non-CDL vehicle, no data

---

Variable 202	CDL N ENDORSEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

Operator must obtain State-issued endorsement to his/her CDL to operate commercial tank vehicles

CDL Tank Vehicles (N) endorsement

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
13131	50.5	0 Uncoded & errors
629	2.4	1 Yes
12261	47.1	8 Non-CDL vehicle, no data

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Variable 203	CDL P ENDORSEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 0

Operator must obtain State-issued endorsement to his/her CDL to operate commercial passenger vehicles

CDL Passenger Vehicles (P) endorsement

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
12805	49.2	0 Uncoded & errors
955	3.7	1 Yes
12261	47.1	8 Non-CDL vehicle, no data

Variable 204	CDL T ENDORSEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 0

Operator must obtain State-issued endorsement to his/her CDL to operate commercial double/triple trailers

CDL Double / Triple Trailers (T) endorsement

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
12375	47.6	0 Uncoded & errors
1385	5.3	1 Yes
12261	47.1	8 Non-CDL vehicle, no data

Variable 205	CDL X ENDORSEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 0

Operator must obtain State-issued endorsement to his/her CDL to operate commercial tank and placarded hazardous materials vehicles

CDL Double / Triple Trailers (X) endorsement

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
12961	49.8	0 Uncoded & errors
799	3.1	1 Yes
12261	47.1	8 Non-CDL vehicle, no data

Variable 206	CDL EXEMPT	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
13525	52.0	0 Uncoded & errors
77	0.3	1 Farm
0	0.0	2 Other

Variable 206:CDL EXEMPT (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
12261 47.1		8 Non-CDL vehicle, no data
158 0.6		9 Non-numeric no data

---

Variable 207	MEDICAL CARD	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
4248 16.3		0 Uncoded & errors
7983 30.7		1 Yes
1529 5.9		2 No
12261 47.1		8 Non-CDL vehicle, no data

---

Variable 208	CDL RESTRICTION 28	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

Note: Meaning of restriction 28: CDL not valid for vehicle with air brakes

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
13716 52.7		0 Uncoded & errors
44 0.2		1 Yes
12261 47.1		8 Non-CDL vehicle, no data

---

Variable 209	CDL RESTRICTION 29	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

Note: Meaning of restriction 29: CDL P endorsement valid in group B or C vehicle only

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
13739 52.8		0 Uncoded & errors
21 0.1		1 Yes
12261 47.1		8 Non-CDL vehicle, no data

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Variable 210	CDL RESTRICTION 30	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

Note: Meaning of restriction 30: CDL P endorsement valid in group C vehicle only

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
13756	52.9	0 Uncoded & errors
4	0.0	1 Yes
12261	47.1	8 Non-CDL vehicle, no data

---

Variable 211	CDL RESTRICTION 35	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

Note: Meaning of restriction 35: No single vehicle/power unit GVWR over 26,000 lbs

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
13755	52.9	0 Uncoded & errors
5	0.0	1 Yes
12261	47.1	8 Non-CDL vehicle, no data

---

Variable 212	CDL RESTRICTION 36	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

Note: Meaning of restriction 36: No GVWR over 26,000 lbs if towed vehicle GVWR over 10,000 lbs

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
13752	52.8	0 Uncoded & errors
8	0.0	1 Yes
12261	47.1	8 Non-CDL vehicle, no data

---

Variable 213	CDL LICENSE STATE	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

UNCODED, ERRORS = 'MI'      SANITIZED = SPACES

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
21	0.1	1 Alabama
1	0.0	2 Alaska
31	0.1	3 Arizona
26	0.1	4 Arkansas
36	0.1	5 California
6	0.0	6 Colorado
3	0.0	7 Connecticut

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2002 - Truck

Variable 213:CDL LICENSE STATE (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
7	0.0	8 Delaware
0	0.0	9 District of Columbia
73	0.3	10 Florida
63	0.2	11 Georgia
1	0.0	12 Hawaii
3	0.0	13 Idaho
523	2.0	14 Illinois
436	1.7	15 Indiana
75	0.3	16 Iowa
11	0.0	17 Kansas
22	0.1	18 Kentucky
8	0.0	19 Louisiana
4	0.0	20 Maine
15	0.1	21 Maryland
9	0.0	22 Massachusetts
9332	35.9	23 Michigan
75	0.3	24 Minnesota
12	0.0	25 Mississippi
63	0.2	26 Missouri
4	0.0	27 Montana
62	0.2	28 Nebraska
0	0.0	29 Nevada
3	0.0	30 New Hampshire
51	0.2	31 New Jersey
1	0.0	32 New Mexico
28	0.1	33 New York
51	0.2	34 North Carolina
9	0.0	35 North Dakota
525	2.0	36 Ohio
292	1.1	37 Oklahoma
12	0.0	38 Oregon
100	0.4	39 Pennsylvania
0	0.0	40 Puerto Rico
0	0.0	41 Rhode Island
7	0.0	42 South Carolina
4	0.0	43 South Dakota
105	0.4	44 Tennessee
70	0.3	45 Texas
9	0.0	46 Utah
2	0.0	47 Vermont
13	0.0	48 Virginia
8	0.0	49 Washington
6	0.0	50 West Virginia
211	0.8	51 Wisconsin
1	0.0	52 Wyoming
4	0.0	53 Alberta
4	0.0	54 British Columbia
10	0.0	55 Manitoba
5	0.0	56 New Brunswick
0	0.0	57 Newfoundland
0	0.0	58 Northwest Territories
2	0.0	59 Nova Scotia

STATE OF MICHIGAN  
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Variable 213:CDL LICENSE STATE (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
513	2.0	60 Ontario
0	0.0	61 Prince Edward Island
45	0.2	62 Quebec
6	0.0	63 Saskatchewan
0	0.0	64 Yukon
0	0.0	65 Mexico
12261	47.1	98 Non-CDL vehicle, no data
741	2.8	99 Sanitized, nonnumeric data

---

Variable 214	SOURCE OF CDL INFO	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
3623	13.9	0 Uncoded & errors
5815	22.3	1 Papers
1805	6.9	2 Log
303	1.2	3 Driver
2214	8.5	4 Markings
12261	47.1	8 Non-CDL vehicle, no data

---

Variable 215	INTER/INTRA STATE	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
4641	17.8	0 Uncoded & errors
4197	16.1	1 Interstate only
4922	18.9	2 Intrastate
12261	47.1	8 Non-CDL vehicle, no data

---

Variable 216	GROSS VEH WEIGHT RATING	Width: 6	Type: Numeric
		Dec: None	Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description
		0 Uncoded & errors
		- GVWR
		999998 Non-CDL vehicle, no data



STATE OF MICHIGAN  
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---

Variable 222	<u>TYPE &amp; AXLES - 2ND UNIT</u>	Width: 2	Type: Alphabetic
		Dec: None	Miss: None

---

Number of axles for trailer or preface with 'S' if semi-trailer.

Examples --> "S2" = 2 axle semi-trailer or " 2" = a 2 axle trailer

---

Variable 223	<u>TYPE &amp; AXLES - 3RD UNIT</u>	Width: 2	Type: Alphabetic
		Dec: None	Miss: None

---

Number of axles for trailer or preface with 'S' if semi-trailer.

Examples --> "S2" = 2 axle semi-trailer or " 2" = a 2 axle trailer

---

Variable 224	<u>TYPE &amp; AXLES - 4TH UNIT</u>	Width: 2	Type: Alphabetic
		Dec: None	Miss: None

---

Number of axles for trailer or preface with 'S' if semi-trailer.

Examples --> "S2" = 2 axle semi-trailer or " 2" = a 2 axle trailer



The INJURY Variables

Variables 300 through 311 describe the people (motor vehicle occupants, pedestrians, pedalcyclists, etc.) involved in the accident. Uninjured motor vehicle occupants are frequently not reported and are NOT represented by an injury record.

Variable 300	UNIT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
14072	51.9	412340	57.7	1 Unit one
11910	44.0	276019	38.6	2 Unit two
883	3.3	22094	3.1	3 Unit three
146	0.5	3360	0.5	4 Unit four
53	0.2	623	0.1	5 Unit five
16	0.1	140	0.0	6 Unit six
6	0.0	52	0.0	7 Unit seven
4	0.0	21	0.0	8 Unit eight
2	0.0	8	0.0	9 Unit nine

Variable 301	PERSON NUMBER	Width: 3	Type: Numeric
		Dec: None	Miss: None

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
775	2.9	25526	3.6	1
				- Person number
1	0.0	1	0.0	30
26021	96.0	683704	95.7	995 Driver record

Variable 302	PERSON POSITION	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description		
25898	95.6	678152	94.9	1 Left front, in-line vehicle driver, uncoded & errors
33	0.1	761	0.1	2 Center front
494	1.8	16874	2.4	3 Right front
94	0.3	3646	0.5	4 Left rear, in-line vehicle passenger #1
29	0.1	1061	0.1	5 Center rear
104	0.4	3013	0.4	6 Right rear
17	0.1	445	0.1	7 Left rear 3rd seat, in-line vehicle passenger #2
8	0.0	233	0.0	8 Center rear 3rd seat
20	0.1	465	0.1	9 Right rear 3rd seat

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2002 - Person Injury

Variable 302:PERSON POSITION (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
10	0.0	21	0.0 10 In sleeper
115	0.4	221	0.0 11 Other enclosed area
11	0.0	49	0.0 12 Other unenclosed area
0	0.0	10	0.0 13 In/on trailing unit
6	0.0	42	0.0 14 On vehicle exterior
64	0.2	347	0.0 15 Unknown
14	0.1	1988	0.3 50 (B) Bicyclist
2	0.0	65	0.0 51 (E) Engineer
48	0.2	2660	0.4 52 (P) Pedestrian
125	0.5	4604	0.6 99 Uncoded & errors, nonnumeric data

---

Variable 303      PERSON RESTRAINT      Width: 2      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
5693	21.0	107599	15.1 0 Uncoded & errors
253	0.9	3292	0.5 1 No belts available
41	0.2	1302	0.2 2 Shoulder only used
539	2.0	3255	0.5 3 Lap only used
19184	70.8	564477	79.0 4 Both lap & shoulder used
580	2.1	10750	1.5 5 No belts used
45	0.2	1072	0.2 6 Child restraint used
1	0.0	140	0.0 7 Child restraint not used, unavailable or improper use
2	0.0	52	0.0 8 Restraint failed
724	2.7	18910	2.6 9 Restraint use unknown
22	0.1	2687	0.4 10 Helmet worn
6	0.0	973	0.1 11 Helmet not worn
2	0.0	148	0.0 12 Helmet use unknown

---

Variable 304      PERSON AIRBAG      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code	Value and Description
3023	11.2	110373	15.4 0 Uncoded & errors
991	3.7	44302	6.2 1 Deployed
12040	44.4	416562	58.3 2 Not deployed
11038	40.7	143420	20.1 3 Not available

STATE OF MICHIGAN  
2002 - Person Injury

Variable 305      PERSON EJECTION      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description			
27029    99.8	712103   99.6	0	Uncoded & errors		
63      0.2	2554    0.4	1	Yes		

Variable 306      PERSON TRAPPED      Width: 1      Type: Numeric  
Dec: None      Miss: 0

TRUCK Prcnt	CENSUS Prcnt	Code Value and Description			
26840    99.1	711788   99.6	0	Uncoded & errors		
252      0.9	2869    0.4	1	Yes		

Variable 307      BIRTH DATE      Width: 8      Type: Numeric  
Dec: None      Miss: None

TRUCK Prcnt      CENSUS Prcnt      Code Value and Description

Variable 308      AGE      Width: 3      Type: Numeric  
Dec: None      Miss: 999

TRUCK Prcnt      CENSUS Prcnt      Code Value and Description

12	0.0	287	0.0	0	Less than 1 year old
				-	
0	0.0	3	0.0	102	102 years old
0	0.0	1	0.0	114	
0	0.0	1	0.0	116	
0	0.0	1	0.0	118	
0	0.0	1	0.0	119	
0	0.0	1	0.0	124	
0	0.0	1	0.0	133	
0	0.0	1	0.0	145	
0	0.0	1	0.0	166	
0	0.0	1	0.0	172	
0	0.0	1	0.0	216	
0	0.0	1	0.0	218	
0	0.0	1	0.0	220	
0	0.0	1	0.0	223	
0	0.0	1	0.0	243	
0	0.0	1	0.0	244	
0	0.0	1	0.0	246	
0	0.0	1	0.0	278	
0	0.0	1	0.0	305	
0	0.0	1	0.0	311	
0	0.0	1	0.0	316	

STATE OF MICHIGAN  
2002 - Person Injury

Variable 308:AGE (Continued)

TRUCK Prcnt	CENSUS Prcnt	Code	Value	Description
0	0.0	1	0.0	321
1	0.0	3	0.0	329
0	0.0	1	0.0	334
0	0.0	1	0.0	342
0	0.0	1	0.0	346
0	0.0	1	0.0	362
5383	19.9	97713	13.7	999 DOB bad

---

Variable 309      PERSON SEX      Width: 1      Type: Numeric  
Dec: None      Miss: 9

TRUCK Prcnt	CENSUS Prcnt	Code	Value	Description
18522	68.4	365613	51.2	1 Male
6531	24.1	273587	38.3	2 Female
2039	7.5	75457	10.6	9 Uncoded & errors, nonnumeric data

---

Variable 310      PERSON DEGREE OF INJ      Width: 1      Type: Numeric  
Dec: None      Miss: 0

PERSON DEGREE OF INJURY

TRUCK Prcnt	CENSUS Prcnt	Code	Value	Description
1802	6.7	72365	10.1	0 Uncoded & errors
147	0.5	1279	0.2	1 Killed
505	1.9	10556	1.5	2 Incapacitating injury
902	3.3	27771	3.9	3 Nonincapacitating injury
2226	8.2	74157	10.4	4 Possible
21510	79.4	528529	74.0	5 No injury

---

Variable 311      AMBULANCE CODE      Width: 4      Type: Alphabetic  
Dec: None      Miss: None

Enter the four-digit ambulance code if known, or the name of the ambulance service, or the hospital where the individual was taken for treatment.

Michigan 2002

Index to Variables and Code Value Names

"\*" = Variable Name (i.e., no code value)

"+" = Many code values for this variable

Item	Var	CV	Variable Name or Code Value
abutment	114	22	Bridge / pier / abutment
abutment	115	22	Bridge / pier / abutment
abutment	116	22	Bridge / pier / abutment
abutment	117	22	Bridge / pier / abutment
abutment	122	22	Bridge / pier / abutment
access	75	*	ACCESS CONTROL
action	112	*	ACTION PRIOR TO CRASH
action	123	*	HAZARDOUS ACTION
activity	29	*	CONSTRUCTION ACTIVITY
age	157	*	DRIVER AGE
age	308	*	AGE
airbag	148	*	DRIVER AIRBAG
airbag	304	*	PERSON AIRBAG
alabama	108	1	Alabama
alabama	151	1	Alabama
alabama	213	1	Alabama
alaska	108	2	Alaska
alaska	151	2	Alaska
alaska	213	2	Alaska
alberta	108	53	Alberta
alberta	151	53	Alberta
alberta	213	53	Alberta
alcona	10	1	Alcona
alger	10	2	Alger
allegan	10	3	Allegan
alpena	10	4	Alpena
ambulance	59	1	This crash involved a police/fire/ambula
ambulance	104	4	Ambulance
ambulance	311	*	AMBULANCE CODE
angle	32	4	Angle
angle	112	21	Avoid vehicle (angle)
animal	112	37	Avoiding animal
animal	114	20	Animal
animal	115	20	Animal
animal	116	20	Animal
animal	117	20	Animal
animal	122	20	Animal
antrim	10	5	Antrim
appeared	160	1	Appeared normal
april	2	4	April
april	6	14	April 1- April 7
arenac	10	6	Arenac
arizona	108	3	Arizona
arizona	151	3	Arizona
arizona	213	3	Arizona
arkansas	108	4	Arkansas
arkansas	151	4	Arkansas
arkansas	213	4	Arkansas
arterial	14	991	Major arterial local trafficway (not a s
asleep	165	1	Asleep
attenuator	114	44	Impact attenuator (crash cushion)
attenuator	115	44	Impact attenuator (crash cushion)
attenuator	116	44	Impact attenuator (crash cushion)
attenuator	117	44	Impact attenuator (crash cushion)

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
attenuator	122	44	Impact attenuator (crash cushion)
august	2	8	August
august	6	31	July 29 - August 4
auto	103	6	Auto transporter
auto	107	5	Towed auto
axle	221	*	TYPE & AXLES - 1ST UNIT
axle	222	*	TYPE & AXLES - 2ND UNIT
axle	223	*	TYPE & AXLES - 3RD UNIT
axle	224	*	TYPE & AXLES - 4TH UNIT
back	112	20	Avoid vehicle (front/back)
backing	112	7	Backing
backing	123	11	Improper backing
baraga	10	7	Baraga
barrier	74	2	Divided highway, median strip, without t
barrier	114	27	Median barrier
barrier	115	27	Median barrier
barrier	116	27	Median barrier
barrier	117	27	Median barrier
barrier	122	27	Median barrier
barry	10	8	Barry
bay	10	9	Bay
belt	147	1	No belts available
belt	303	1	No belts available
benzie	10	10	Benzie
berrien	10	11	Berrien
between	21	5	In the gore (area between ramp and freeway)
bicyclist	49	1	This crash involved a drinking driver/pe
bicyclist	52	*	FLAG: BICYCLIST
bicyclist	146	50	(B) Bicyclist
bicyclist	302	50	(B) Bicyclist
birth	156	*	DRIVER BIRTH DATE
birth	307	*	BIRTH DATE
blood	132	*	BLOOD TEST
blood	171	*	FLAG: BLOOD TEST
blowing	30	5	Snow/blowing snow
boat	107	3	Boat
body	103	*	CDL TRUCK BODY STYLE
box	103	1	Van/enclosed box
brake	106	1	Brakes
branch	10	12	Branch
breathalyzer	130	*	BREATHALYZER TEST
bridge	114	22	Bridge / pier / abutment
bridge	115	22	Bridge / pier / abutment
bridge	116	22	Bridge / pier / abutment
bridge	117	22	Bridge / pier / abutment
bridge	122	22	Bridge / pier / abutment
british columbia	108	54	British Columbia
british columbia	151	54	British Columbia
british columbia	213	54	British Columbia
building	114	41	Building
building	115	41	Building
building	116	41	Building
building	117	41	Building
building	122	41	Building
bus	47	*	FLAG: SCHOOL BUS INV/ASC
bus	48	*	FLAG: SCHOOL BUS CG
bus	58	*	FLAG: TRUCK OR BUS

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
bus	101	11	Truck/Bus over 10,000 lbs.
bus	104	3	Bus
business	13	4	Interstate business loop or spur
cable	105	9	Utility (gas, cable, etc.)
calhoun	10	13	Calhoun
california	108	5	California
california	151	5	California
california	213	5	California
car	36	2	Car - car
car	101	1	Passenger car & station wagon (PA)
card	207	*	MEDICAL CARD
careless	123	16	Careless / negligent driving
cargo	103	2	Cargo tank
cargo	114	12	Cargo loss / shift
cargo	115	12	Cargo loss / shift
cargo	116	12	Cargo loss / shift
cargo	117	12	Cargo loss / shift
cargo	122	12	Cargo loss / shift
cart	101	7	Go Cart (GC)
case	1	*	TDC-UMTRI CASE NUMBER
cass	10	14	Cass
casualties	72	*	TOTAL CASUALTIES IN ACC
casualties	142	*	TU TOTAL CASUALTIES
casualty	72	1	1 casualty
casualty	142	1	1 casualty
cdl	102	*	CDL TRUCK TYPE
cdl	103	*	CDL TRUCK BODY STYLE
cdl	200	*	CDL GROUP TYPE
cdl	201	*	CDL H ENDORSEMENT
cdl	202	*	CDL N ENDORSEMENT
cdl	203	*	CDL P ENDORSEMENT
cdl	204	*	CDL T ENDORSEMENT
cdl	205	*	CDL X ENDORSEMENT
cdl	206	*	CDL EXEMPT
cdl	208	*	CDL RESTRICTION 28
cdl	209	*	CDL RESTRICTION 29
cdl	210	*	CDL RESTRICTION 30
cdl	211	*	CDL RESTRICTION 35
cdl	212	*	CDL RESTRICTION 36
cdl	213	*	CDL LICENSE STATE
cdl	214	*	SOURCE OF CDL INFO
cellular	168	1	Driver using cellular phone
centerline	114	2	Cross centerline / median
centerline	115	2	Cross centerline / median
centerline	116	2	Cross centerline / median
centerline	117	2	Cross centerline / median
centerline	122	2	Cross centerline / median
charlevoix	10	15	Charlevoix
chauffeurs	152	2	Chauffeurs license
cheboygan	10	16	Cheboygan
child	147	6	Child restraint used
child	303	6	Child restraint used
chippewa	10	17	Chippewa
church	105	6	Club / church ("Y" tag)
circumstance	42	*	FLAG: NO SPECIAL CIRCUMS
citation	124	*	DRIVER HAZARDOUS CITATN
citation	125	*	DRIVER OTHER CITATION

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
city	11	*	CITY OR TOWNSHIP
city	13	9	County road, city street, or unknown
city	14	993	City street that is not major arterial
city	18	2	Invalid city/township
clare	10	18	Clare
class	13	*	HIGHWAY CLASS
class	218	*	HAZMAT: CLASS
clear	30	1	Clear
clear	123	12	Clear distance
clinton	10	19	Clinton
cloudy	30	2	Cloudy
club	105	6	Club / church ("Y" tag)
code	36	0	Invalid code
code	311	*	AMBULANCE CODE
coded	122	98	No event coded as most harmful
colorado	108	6	Colorado
colorado	151	6	Colorado
colorado	213	6	Colorado
commercial	102	1	Commercial truck AA (Group A vehicle)
commercial	105	2	Commercial
complaint	34	*	COMPLAINT STATUS
computed	134	*	COMPUTED NUMBER FATAL
computed	135	*	COMPUTED NUMBER INJURED
concrete	103	5	Concrete mixer
condition	23	*	ROAD CONDITIONS
condition	160	*	DRIVER CONDITION #1
condition	161	*	DRIVER CONDITION #2
condition	162	*	DRIVER CONDITION #3
condition	163	*	DRIVER CONDITION #4
condition	164	*	DRIVER CONDITION #5
condition	165	*	DRIVER CONDITION #6
condition	166	*	DRIVER CONDITION #7
condition	167	*	DRIVER CONDITION #8
condition	168	*	DRIVER CONDITION #9
condition	169	*	DRIVER CONDITION #99
configuration	107	*	NONCOMM TRAILER CONFIG
connecticut	108	7	Connecticut
connecticut	151	7	Connecticut
connecticut	213	7	Connecticut
connector	13	7	Connector
construction	27	*	CONSTRUCTION TYPE
construction	28	*	CONSTRUCTION LANE CLOSED
construction	29	*	CONSTRUCTION ACTIVITY
construction	104	6	Construction / maintenance equipment
construction	105	10	Road construction / maintenance
control	12	*	CONTROL SECTION
control	15	*	HIGHWAY CONTROL SECTION
control	16	*	CONTROL SECTION MLPT
control	26	*	TRAFFIC CONTROL
control	75	*	ACCESS CONTROL
control	114	1	Loss of control
control	115	1	Loss of control
control	116	1	Loss of control
control	117	1	Loss of control
control	122	1	Loss of control
control	123	4	Disregard traffic control
corner	109	2	Front corner, passenger side



## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
county	10	*	COUNTY
county	13	9	County road, city street, or unknown
county	14	992	County road that is not major arterial
county	18	1	Invalid county
crash	17	3	This crash will be recycled through MALI
crash	20	0	Crash occurred on other than a roadway
crash	22	*	AREA OF ROAD AT CRASH
crash	32	*	CRASH TYPE
crash	33	*	CRASH INVESTGTD AT SCENE
crash	46	1	This crash involved a deer
crash	48	1	This crash involved a school bus
crash	49	1	This crash involved a drinking driver/pe
crash	50	1	This crash involved a pedestrian
crash	52	1	This crash involved a bicyclist
crash	53	1	This crash involved a snowmobile
crash	54	1	This crash involved a motorcycle
crash	55	1	This crash involved an Off Road Vehicle
crash	56	1	This crash involved farm equipment
crash	57	1	Train involved crash
crash	58	1	This crash involved a truck or bus
crash	59	1	This crash involved a police/fire/ambula
crash	60	*	FLAG: NONTRAFFIC CRASH
crash	61	1	This is a property damage only crash (no
crash	62	*	FLAG: INJURY CRASH
crash	63	*	FLAG: FATAL CRASH
crash	64	*	NUMBER INJURED IN CRASH
crash	65	*	NUMBER FATAL IN CRASH
crash	111	*	DRIVEABLE AFTER CRASH
crash	112	*	ACTION PRIOR TO CRASH
crash	114	44	Impact attenuator (crash cushion)
crash	115	44	Impact attenuator (crash cushion)
crash	116	44	Impact attenuator (crash cushion)
crash	117	44	Impact attenuator (crash cushion)
crash	122	44	Impact attenuator (crash cushion)
crashes	17	6	Non-located crashes that have not been r
crashsite	24	*	SPEED LIMIT AT CRASHSITE
crawford	10	20	Crawford
culvert	114	33	Culvert
culvert	115	33	Culvert
culvert	116	33	Culvert
culvert	117	33	Culvert
culvert	122	33	Culvert
curb	114	34	Curb
curb	115	34	Curb
curb	116	34	Curb
curb	117	34	Curb
curb	122	34	Curb
curb-line	21	4	Outside of the shoulder/curb-line
curved	22	11	Curved road unrelated others
cushion	114	44	Impact attenuator (crash cushion)
cushion	115	44	Impact attenuator (crash cushion)
cushion	116	44	Impact attenuator (crash cushion)
cushion	117	44	Impact attenuator (crash cushion)
cushion	122	44	Impact attenuator (crash cushion)
cycle	101	5	Cycle (CY)
cycle	153	*	LICENSE TYPE - CYCLE
damage	61	*	FLAG: PROPERTY DAMAGE

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
damage	110	*	EXTENT OF DAMAGE
damaged	35	*	PUBLIC PROPERTY DAMAGED
dark lighted	31	4	Dark lighted
dark unlighted	31	5	Dark unlighted
date	156	*	DRIVER BIRTH DATE
date	307	*	BIRTH DATE
dawn	31	2	Dawn
day	3	*	ACCIDENT DAY
day	5	*	TIME OF DAY
day	7	*	JULIAN DAY FROM 3-1-1900
day	8	*	DAY OF WEEK
daylight	31	1	Daylight
death	61	1	This is a property damage only crash (no
death	62	1	This is an injury crash (injuries but no
death	63	1	This is a fatal crash (one or more death
debris	23	7	Debris
december	2	12	December
december	6	48	November 25 - December 1
december	7	37561	December 31, 2002
decrease	22	3	Transition area (increase or decrease in
deer	45	*	FLAG: DEER INVOLV/ASSOC
deer	46	*	FLAG: DEER CG
defect	106	*	VEHICLE DEFECT
degree	159	*	DRIVER DEGREE OF INJURY
degree	310	*	PERSON DEGREE OF INJ
delaware	108	8	Delaware
delaware	151	8	Delaware
delaware	213	8	Delaware
delta	10	21	Delta
deployed	148	1	Deployed
deployed	304	1	Deployed
detroit	11	99	Detroit or non-numeric data
dickinson	10	22	Dickinson
direction	12	2	Reverse direction intersecting street is
direction	18	7	Direction to/from intersecting street is
direction	19	*	ORIG DIRECTION
direction	32	8	Sideswipe same direction
direction	113	*	DIRECTION OF TRAVEL
disregard	123	4	Disregard traffic control
distance	18	8	Distance to/from intersecting street is
distance	123	12	Clear distance
distracted	167	1	Driver distracted
district of columbia	108	9	District of Columbia
district of columbia	151	9	District of Columbia
district of columbia	213	9	District of Columbia
ditch	114	35	Ditch
ditch	115	35	Ditch
ditch	116	35	Ditch
ditch	117	35	Ditch
ditch	122	35	Ditch
divided	74	1	Not physically divided (2way trafficway)
double	102	5	Commercial truck AT (Group A vehicle, Do
double	107	6	Recreational double
double	155	*	LICENSE-RECREATIONAL DBL
downhill	114	11	Downhill runaway
downhill	115	11	Downhill runaway
downhill	116	11	Downhill runaway

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
downhill	117	11	Downhill runaway
downhill	122	11	Downhill runaway
drinking	49	*	FLAG: DRINKING OPERATOR
drinking	126	*	DRINKING INFORMATION
drinking	161	1	Had been drinking
drive	13	8	Service drive
driveable	111	*	DRIVEABLE AFTER CRASH
driver	49	1	This crash involved a drinking driver/pe
driver	109	6	Rear corner, driver side
driver	124	*	DRIVER HAZARDOUS CITATN
driver	125	*	DRIVER OTHER CITATION
driver	146	*	DRIVER POSITION
driver	147	*	DRIVER RESTRAINT
driver	148	*	DRIVER AIRBAG
driver	149	*	DRIVER EJECTION
driver	150	*	DRIVER TRAPPED
driver	151	*	DRIVER LICENSE STATE
driver	156	*	DRIVER BIRTH DATE
driver	157	*	DRIVER AGE
driver	158	*	DRIVER SEX
driver	159	*	DRIVER DEGREE OF INJURY
driver	160	*	DRIVER CONDITION #1
driver	161	*	DRIVER CONDITION #2
driver	162	*	DRIVER CONDITION #3
driver	163	*	DRIVER CONDITION #4
driver	164	*	DRIVER CONDITION #5
driver	165	*	DRIVER CONDITION #6
driver	166	*	DRIVER CONDITION #7
driver	167	*	DRIVER CONDITION #8
driver	168	*	DRIVER CONDITION #9
driver	169	*	DRIVER CONDITION #99
driver	171	1	Driver given a blood test
driver	172	1	Driver given an urine test
driver	214	3	Driver
driver	301	995	Driver record
driver	302	1	Left front, in-line vehicle driver, unco
driverless	112	22	Driverless moving
driveway	22	8	Driveway related (within 150 feet of nea
driving	123	15	Reckless driving
drug	76	*	FLAG: DRUG USE
drug	162	1	Illegal drug use
drug	170	*	DRUG USE
dry	23	1	Dry
dump	103	4	Dump
dusk	31	3	Dusk
east	19	2	( E) East
east	113	1	East
eaton	10	23	Eaton
edge	22	8	Driveway related (within 150 feet of nea
education	105	5	School / education
eighteen	64	18	Eighteen injured
ejection	149	*	DRIVER EJECTION
ejection	305	*	PERSON EJECTION
embankment	114	36	Embankment
embankment	115	36	Embankment
embankment	116	36	Embankment
embankment	117	36	Embankment

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
embankment	122	36	Embankment
emergency	59	*	FLAG: EMERGENCY VEHICLE
emergency	105	3	In pursuit / on emergency
emmet	10	24	Emmet
endorsement	201	*	CDL H ENDORSEMENT
endorsement	202	*	CDL N ENDORSEMENT
endorsement	203	*	CDL P ENDORSEMENT
endorsement	204	*	CDL T ENDORSEMENT
endorsement	205	*	CDL X ENDORSEMENT
engineer	114	19	Railroad train / engineer
engineer	115	19	Railroad train / engineer
engineer	116	19	Railroad train / engineer
engineer	117	19	Railroad train / engineer
engineer	122	19	Railroad train / engineer
engineer	146	51	(E) Engineer
engineer	302	51	(E) Engineer
entrance	22	1	Entrance/exit ramp related
entry	75	2	Full access control (ramp entry and exit
equipment	56	*	FLAG: FARM EQUIPMENT
equipment	104	5	Farm Equipment
error	18	*	LOCATION ERROR
event	114	*	HARMFUL EVENT #1
event	115	*	HARMFUL EVENT #2
event	116	*	HARMFUL EVENT #3
event	117	*	HARMFUL EVENT #4
event	118	*	EVENT 1 MOST HARMFUL
event	119	*	EVENT 2 MOST HARMFUL
event	120	*	EVENT 3 MOST HARMFUL
event	121	*	EVENT 4 MOST HARMFUL
event	122	*	MOST HARMFUL EVENT
exempt	206	*	CDL EXEMPT
exit	22	1	Entrance/exit ramp related
exit	75	2	Full access control (ramp entry and exit
explosion	114	8	Fire / explosion
explosion	115	8	Fire / explosion
explosion	116	8	Fire / explosion
explosion	117	8	Fire / explosion
explosion	122	8	Fire / explosion
extent	110	*	EXTENT OF DAMAGE
exterior	146	14	On vehicle exterior
exterior	302	14	On vehicle exterior
fail	123	3	Fail to yield
farm	56	*	FLAG: FARM EQUIPMENT
farm	104	5	Farm Equipment
farm	105	4	Farm
farm	107	4	Farm
farm	154	*	LICENSE TYPE - FARM
farm	206	1	Farm
fast	123	1	Speed too fast
fatal	63	*	FLAG: FATAL CRASH
fatal	65	*	NUMBER FATAL IN CRASH
fatal	66	1	Fatal
fatal	134	*	COMPUTED NUMBER FATAL
fatal	136	1	Fatal
fatigue	164	1	Fatigue
february	2	2	February
february	6	5	January 29 - February 4

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
feet	22	8	Driveway related (within 150 feet of nea
fell	114	13	Individual fell from vehicle
fell	115	13	Individual fell from vehicle
fell	116	13	Individual fell from vehicle
fell	117	13	Individual fell from vehicle
fell	122	13	Individual fell from vehicle
female	158	2	Female
female	309	2	Female
fence	114	37	Fence
fence	115	37	Fence
fence	116	37	Fence
fence	117	37	Fence
fence	122	37	Fence
field	128	*	FIELD SOBRIETY TEST
fifteen	64	15	Fifteen injured
fire	59	1	This crash involved a police/fire/ambula
fire	104	2	Fire
fire	114	8	Fire / explosion
fire	115	8	Fire / explosion
fire	116	8	Fire / explosion
fire	117	8	Fire / explosion
fire	122	8	Fire / explosion
fixed	114	45	Other fixed object
fixed	115	45	Other fixed object
fixed	116	45	Other fixed object
fixed	117	45	Other fixed object
fixed	122	45	Other fixed object
flag	17	*	LOCATION FLAG
flag	40	*	FLAG: SPECIAL LOCAL STDY
flag	41	*	FLAG: SPECIAL STATE STDY
flag	42	*	FLAG: NO SPECIAL CIRCUMS
flag	43	*	FLAG: HIT AND RUN
flag	44	*	FLAG: FLEEING /PURSUING
flag	45	*	FLAG: DEER INVOLV/ASSOC
flag	46	*	FLAG: DEER CG
flag	47	*	FLAG: SCHOOL BUS INV/ASC
flag	48	*	FLAG: SCHOOL BUS CG
flag	49	*	FLAG: DRINKING OPERATOR
flag	50	*	FLAG: PEDESTRIAN
flag	51	*	FLAG: NMT REC PRESENT
flag	52	*	FLAG: BICYCLIST
flag	53	*	FLAG: SNOWMOBILE
flag	54	*	FLAG: MOTORCYCLE
flag	55	*	FLAG: ORV INVOLVED
flag	56	*	FLAG: FARM EQUIPMENT
flag	57	*	FLAG: TRAIN ACCIDENT
flag	58	*	FLAG: TRUCK OR BUS
flag	59	*	FLAG: EMERGENCY VEHICLE
flag	60	*	FLAG: NONTRAFFIC CRASH
flag	61	*	FLAG: PROPERTY DAMAGE
flag	62	*	FLAG: INJURY CRASH
flag	63	*	FLAG: FATAL CRASH
flag	76	*	FLAG: DRUG USE
flag	171	*	FLAG: BLOOD TEST
flag	172	*	FLAG: URINE TEST
flatbed	103	3	Flatbed/platform
fleeing	44	*	FLAG: FLEEING /PURSUING

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
florida	108	10	Florida
florida	151	10	Florida
florida	213	10	Florida
fog	30	3	Fog/smoke
force	17	6	Non-located crashes that have not been r
fourteen	64	14	Fourteen injured
freeway	21	5	In the gore (area between ramp and freew
freeway	22	6	All other freeway areas
friday	8	6	Friday
friday	9	120	12:00 a.m. - 12:59 a.m. Friday
front	109	1	Front center
front	112	20	Avoid vehicle (front/back)
front	146	1	Left front, in-line vehicle driver, Unco
front	302	1	Left front, in-line vehicle driver, unco
full	75	2	Full access control (ramp entry and exit
garbage	103	7	Garbage/refuse
gas	105	9	Utility (gas, cable, etc.)
genesee	10	25	Genesee
georgia	108	11	Georgia
georgia	151	11	Georgia
georgia	213	11	Georgia
gladwin	10	26	Gladwin
go	101	7	Go Cart (GC)
gogebic	10	27	Gogebic
gore	21	5	In the gore (area between ramp and freew
government	105	8	Other government nonemergency vehicle
grade	22	16	Railroad grade crossing related
grand traverse	10	28	Grand Traverse
gratiot	10	29	Gratiot
gross	216	*	GROSS VEH WEIGHT RATING
guardrail	114	25	Guardrail face
guardrail	115	25	Guardrail face
guardrail	116	25	Guardrail face
guardrail	117	25	Guardrail face
guardrail	122	25	Guardrail face
gvwr	101	4	Truck under 10,000 lbs. GVWR (ST)
had	161	1	Had been drinking
hail	30	7	Sleet/hail
harmful	114	*	HARMFUL EVENT #1
harmful	115	*	HARMFUL EVENT #2
harmful	116	*	HARMFUL EVENT #3
harmful	117	*	HARMFUL EVENT #4
harmful	118	*	EVENT 1 MOST HARMFUL
harmful	119	*	EVENT 2 MOST HARMFUL
harmful	120	*	EVENT 3 MOST HARMFUL
harmful	121	*	EVENT 4 MOST HARMFUL
harmful	122	*	MOST HARMFUL EVENT
hawaii	108	12	Hawaii
hawaii	151	12	Hawaii
hawaii	213	12	Hawaii
hazardous	102	2	Commercial truck AH (Group A vehicle, Ha
hazardous	123	*	HAZARDOUS ACTION
hazardous	124	*	DRIVER HAZARDOUS CITATN
hazmat	217	*	HAZMAT: TYPE
hazmat	218	*	HAZMAT: CLASS
hazmat	219	*	HAZMAT: PLACARD
hazmat	220	*	HAZMAT: SPILL

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
head-on	32	2	Head-on
heavy	110	6	Heavy damage
helmet	147	10	Helmet worn
helmet	303	10	Helmet worn
highway	13	*	HIGHWAY CLASS
highway	14	*	HIGHWAY NUMBER
highway	15	*	HIGHWAY CONTROL SECTION
highway	74	2	Divided highway, median strip, without t
highway	114	28	Highway traffic sign post
highway	115	28	Highway traffic sign post
highway	116	28	Highway traffic sign post
highway	117	28	Highway traffic sign post
highway	122	28	Highway traffic sign post
hillsdale	10	30	Hillsdale
hit	43	*	FLAG: HIT AND RUN
houghton	10	31	Houghton
hour	9	*	HOUR OF WEEK
hour	24	5	5 miles per hour
house	107	2	House
huron	10	32	Huron
hydrant	114	43	Fire hydrant
hydrant	115	43	Fire hydrant
hydrant	116	43	Fire hydrant
hydrant	117	43	Fire hydrant
hydrant	122	43	Fire hydrant
icy	23	3	Icy
idaho	108	13	Idaho
idaho	151	13	Idaho
idaho	213	13	Idaho
ignition	173	*	IGNITION INTERLOCK
illegal	162	1	Illegal drug use
illinois	108	14	Illinois
illinois	151	14	Illinois
illinois	213	14	Illinois
immersion	114	9	Immersion
immersion	115	9	Immersion
immersion	116	9	Immersion
immersion	117	9	Immersion
immersion	122	9	Immersion
impact	109	*	WORST IMPACT POINT
impact	114	44	Impact attenuator (crash cushion)
impact	115	44	Impact attenuator (crash cushion)
impact	116	44	Impact attenuator (crash cushion)
impact	117	44	Impact attenuator (crash cushion)
impact	122	44	Impact attenuator (crash cushion)
incapacitating	66	2	A - incapacitating injury
incapacitating	136	2	A - incapacitating injury
incapacitating	159	2	Incapacitating injury
incapacitating	310	2	Incapacitating injury
increase	22	3	Transition area (increase or decrease in
indexed	18	7	Direction to/from intersecting street is
indiana	108	15	Indiana
indiana	151	15	Indiana
indiana	213	15	Indiana
individual	114	13	Individual fell from vehicle
individual	115	13	Individual fell from vehicle
individual	116	13	Individual fell from vehicle

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
individual	117	13	Individual fell from vehicle
individual	122	13	Individual fell from vehicle
information	126	*	DRINKING INFORMATION
information	127	*	REFUSAL INFORMATION
information	214	*	SOURCE OF CDL INFO
ingham	10	33	Ingham
injured	64	*	NUMBER INJURED IN CRASH
injured	71	*	TOTAL INJURED IN ACC
injured	135	*	COMPUTED NUMBER INJURED
injured	138	*	TU TOTAL A INJURED
injured	139	*	TU TOTAL B INJURED
injured	140	*	TU TOTAL C INJURED
injured	141	*	TU TOTAL INJURED
injuries	61	1	This is a property damage only crash (no
injuries	62	1	This is an injury crash (injuries but no
injury	62	*	FLAG: INJURY CRASH
injury	66	*	WORST INJURY IN ACCIDENT
injury	136	*	TU WORST INJURY
injury	159	*	DRIVER DEGREE OF INJURY
injury	310	*	PERSON DEGREE OF INJ
inter	215	*	INTER/INTRA STATE
interlock	173	*	IGNITION INTERLOCK
intersect	18	5	Two (2) streets given do not intersect i
intersecting	12	2	Reverse direction intersecting street is
intersecting	18	4	Intersecting street cannot be found in c
intersection	19	10	( X) At intersection
intersection	22	7	Within intersection
intersection	112	24	Crossing at intersection
interstate	13	1	Interstate route
interstate	215	1	Interstate only
intra	215	*	INTER/INTRA STATE
intrastate	215	2	Intrastate
investigated	33	*	CRASH INVESTGTD AT SCENE
ionia	10	34	Ionia
iosco	10	35	Iosco
iowa	108	16	Iowa
iowa	151	16	Iowa
iowa	213	16	Iowa
iron	10	36	Iron
isabella	10	37	Isabella
island	114	42	Traffic island
island	115	42	Traffic island
island	116	42	Traffic island
island	117	42	Traffic island
island	122	42	Traffic island
jackknife	114	10	Jackknife
jackknife	115	10	Jackknife
jackknife	116	10	Jackknife
jackknife	117	10	Jackknife
jackknife	122	10	Jackknife
jackson	10	38	Jackson
january	2	1	January
january	6	1	January 1- January 7
january	7	37197	January 1, 2002
julian	7	*	JULIAN DAY FROM 3-1-1900
july	2	7	July
july	6	27	July 1- July 7



## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
june	2	6	June
june	6	22	May 27 - June 2
kalamazoo	10	39	Kalamazoo
kalkaska	10	40	Kalkaska
kansas	108	17	Kansas
kansas	151	17	Kansas
kansas	213	17	Kansas
kent	10	41	Kent
kentucky	108	18	Kentucky
kentucky	151	18	Kentucky
kentucky	213	18	Kentucky
keweenaw	10	42	Keweenaw
killed	65	1	One killed
killed	67	*	TOTAL KILLED IN ACC
killed	134	0	0 killed
killed	137	*	TU TOTAL KILLED
killed	159	1	Killed
killed	310	1	Killed
lake	10	43	Lake
lane	20	*	NUMBER OF TRAFFIC LANES
lane	22	3	Transition area (increase or decrease in
lane	28	*	CONSTRUCTION LANE CLOSED
lane	112	6	Change lanes
lane	123	8	Improper lane usage
lap	147	3	Lap only used
lap	303	3	Lap only used
lapeer	10	44	Lapeer
lay	112	29	Stand/lay in road
leelanau	10	45	Leelanau
left	32	3	Head-on / left turn
left	112	2	Turning left
left	114	3	Ran off road left
left	115	3	Ran off road left
left	116	3	Ran off road left
left	117	3	Ran off road left
left	122	3	Ran off road left
left	123	6	Left of center
left	146	1	Left front, in-line vehicle driver, Unco
left	302	1	Left front, in-line vehicle driver, unco
legal	22	13	Parking related (legal roadside)
lenawee	10	46	Lenawee
license	151	*	DRIVER LICENSE STATE
license	152	*	LICENSE TYPE
license	153	*	LICENSE TYPE - CYCLE
license	154	*	LICENSE TYPE - FARM
license	213	*	CDL LICENSE STATE
license-recreational	155	*	LICENSE-RECREATIONAL DBL
light	31	*	LIGHT
light	106	2	Lights/reflectors
light	114	30	Luminary / light support
light	115	30	Luminary / light support
light	116	30	Luminary / light support
light	117	30	Luminary / light support
light	122	30	Luminary / light support
limit	24	*	SPEED LIMIT AT CRASHSITE
limit	25	*	POSTED SPEED LIMIT
livingston	10	47	Livingston

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
local	14	991	Major arterial local trafficway (not a s
local	40	*	FLAG: SPECIAL LOCAL STDY
located	13	0	Not located
located	17	1	Successfully located
log	214	2	Log
loop	13	4	Interstate business loop or spur
louisiana	108	19	Louisiana
louisiana	151	19	Louisiana
louisiana	213	19	Louisiana
luce	10	48	Luce
luminary	114	30	Luminary / light support
luminary	115	30	Luminary / light support
luminary	116	30	Luminary / light support
luminary	117	30	Luminary / light support
luminary	122	30	Luminary / light support
mackinac	10	49	Mackinac
macomb	10	50	Macomb
mailbox	114	38	Mailbox
mailbox	115	38	Mailbox
mailbox	116	38	Mailbox
mailbox	117	38	Mailbox
mailbox	122	38	Mailbox
maine	108	20	Maine
maine	151	20	Maine
maine	213	20	Maine
maintenance	104	6	Construction / maintenance equipment
maintenance	105	10	Road construction / maintenance
maintenance	27	1	Construction/Maintenance
major	14	991	Major arterial local trafficway (not a s
male	158	1	Male
male	309	1	Male
mali	17	2	Could not automatically locate in MALI i
manistee	10	51	Manistee
manitoba	108	55	Manitoba
manitoba	151	55	Manitoba
manitoba	213	55	Manitoba
march	2	3	March
march	6	9	February 26 - March 3
marking	214	4	Markings
marquette	10	52	Marquette
maryland	108	21	Maryland
maryland	151	21	Maryland
maryland	213	21	Maryland
mason	10	53	Mason
massachusetts	108	22	Massachusetts
massachusetts	151	22	Massachusetts
massachusetts	213	22	Massachusetts
may	2	5	May
may	6	18	April 29 - May 5
mdot	12	0	Primary street is not an MDOT Control Se
mecosta	10	54	Mecosta
median	21	2	In the median
median	22	2	Median crossing related
median	74	2	Divided highway, median strip, without t
median	114	2	Cross centerline / median
median	115	2	Cross centerline / median
median	116	2	Cross centerline / median

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
median	117	2	Cross centerline / median
median	122	2	Cross centerline / median
medical	207	*	MEDICAL CARD
medication	166	1	Medication
menominee	10	55	Menominee
mexico	108	65	Mexico
mexico	151	65	Mexico
mexico	213	65	Mexico
michigan	13	3	Michigan route
michigan	108	23	Michigan
michigan	151	23	Michigan
michigan	213	23	Michigan
midland	10	56	Midland
midnight	5	24	Midnight
milepoint	16	*	CONTROL SECTION MLPT
military	105	7	Military
minnesota	108	24	Minnesota
minnesota	151	24	Minnesota
minnesota	213	24	Minnesota
missaukee	10	57	Missaukee
mississippi	108	25	Mississippi
mississippi	151	25	Mississippi
mississippi	213	25	Mississippi
missouri	108	26	Missouri
missouri	151	26	Missouri
missouri	213	26	Missouri
mix	36	*	TRAFFIC UNIT MIX
mixer	103	5	Concrete mixer
moderate	110	3	Moderate damage
monday	8	2	Monday
monday	9	24	12:00 a.m. - 12:59 a.m. Monday
monroe	10	58	Monroe
montana	108	27	Montana
montana	151	27	Montana
montana	213	27	Montana
montcalm	10	59	Montcalm
month	2	*	ACCIDENT MONTH
montmorency	10	60	Montmorency
moped	36	4	Car - motorcycle, moped
moped	101	6	Moped (MO)
moped	152	3	Moped license
motor	32	1	Single motor vehicle
motorcycle	36	4	Car - motorcycle, moped
motorcycle	54	*	FLAG: MOTORCYCLE
motorhome	101	2	Van & motorhome (VA)
motor-vehicle	114	17	Motor-vehicle in transport
motor-vehicle	115	17	Motor-vehicle in transport
motor-vehicle	116	17	Motor-vehicle in transport
motor-vehicle	117	17	Motor-vehicle in transport
motor-vehicle	122	17	Motor-vehicle in transport
muddy	23	5	Muddy
muskegon	10	61	Muskegon
nearest	22	8	Driveway related (within 150 feet of nea
nebraska	108	28	Nebraska
nebraska	151	28	Nebraska
nebraska	213	28	Nebraska
negligent	123	16	Careless / negligent driving

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
nevada	108	29	Nevada
nevada	151	29	Nevada
nevada	213	29	Nevada
new brunswick	108	56	New Brunswick
new brunswick	151	56	New Brunswick
new brunswick	213	56	New Brunswick
new hampshire	108	30	New Hampshire
new hampshire	151	30	New Hampshire
new hampshire	213	30	New Hampshire
new jersey	108	31	New Jersey
new jersey	151	31	New Jersey
new jersey	213	31	New Jersey
new mexico	108	32	New Mexico
new mexico	151	32	New Mexico
new mexico	213	32	New Mexico
new york	108	33	New York
new york	151	33	New York
new york	213	33	New York
newaygo	10	62	Newaygo
newfoundland	108	57	Newfoundland
newfoundland	151	57	Newfoundland
newfoundland	213	57	Newfoundland
non-cdl	102	98	Non-CDL vehicle, no truck supplement dat
non-cdl	103	98	Non-CDL vehicle, no truck supplement dat
non-cdl	200	8	Non-CDL vehicle, no data
non-cdl	201	8	Non-CDL vehicle, no data
non-cdl	202	8	Non-CDL vehicle, no data
non-cdl	203	8	Non-CDL vehicle, no data
non-cdl	204	8	Non-CDL vehicle, no data
non-cdl	205	8	Non-CDL vehicle, no data
non-cdl	206	8	Non-CDL vehicle, no data
non-cdl	207	8	Non-CDL vehicle, no data
non-cdl	208	8	Non-CDL vehicle, no data
non-cdl	209	8	Non-CDL vehicle, no data
non-cdl	210	8	Non-CDL vehicle, no data
non-cdl	211	8	Non-CDL vehicle, no data
non-cdl	212	8	Non-CDL vehicle, no data
non-cdl	213	98	Non-CDL vehicle, no data
non-cdl	214	8	Non-CDL vehicle, no data
non-cdl	215	8	Non-CDL vehicle, no data
non-cdl	216	999998	Non-CDL vehicle, no data
non-cdl	217	9998	Non-CDL vehicle, no data
non-cdl	218	98	Non-CDL vehicle, no data
non-cdl	219	8	Non-CDL vehicle, no data
non-cdl	220	8	Non-CDL vehicle, no data
noncollision	114	14	Other noncollision
noncollision	115	14	Other noncollision
noncollision	116	14	Other noncollision
noncollision	117	14	Other noncollision
noncollision	122	14	Other noncollision
noncommerical	107	*	NONCOMM TRAILER CONFIG
nonemergency	105	8	Other government nonemergency vehicle
nonfixed	114	21	Other nonfixed object
nonfixed	115	21	Other nonfixed object
nonfixed	116	21	Other nonfixed object
nonfixed	117	21	Other nonfixed object
nonfixed	122	21	Other nonfixed object

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
nonincapacitating	66	3	B - nonincapacitating injury
nonincapacitating	136	3	B - nonincapacitating injury
nonincapacitating	159	3	Nonincapacitating injury
nonincapacitating	310	3	Nonincapacitating injury
non-located	17	6	Non-located crashes that have not been r
non-motorist	51	1	Non-motorist record present
non-numeric data	10	99	Non-numeric data
nonparked	39	*	TOTAL NONPARKED UNITS
nontraffic	12	4	Nontraffic location (internally generate
nontraffic	22	19	Nontraffic area
nontraffic	60	*	FLAG: NONTRAFFIC CRASH
normal	160	1	Appeared normal
north	19	4	( N) North
north	113	2	North
north carolina	108	34	North Carolina
north carolina	151	34	North Carolina
north carolina	213	34	North Carolina
north dakota	108	35	North Dakota
north dakota	151	35	North Dakota
north dakota	213	35	North Dakota
northeast	19	5	(NE) Northeast
northeast	113	3	Northeast
northwest	19	6	(NW) Northwest
northwest	113	4	Northwest
northwest territories	108	58	Northwest Territories
northwest territories	151	58	Northwest Territories
northwest territories	213	58	Northwest Territories
nova scotia	108	59	Nova Scotia
nova scotia	151	59	Nova Scotia
nova scotia	213	59	Nova Scotia
november	2	11	November
november	6	44	October 28 - November 3
oakland	10	63	Oakland
occupant	133	*	TOTAL OCCUPANTS IN VEH
occupant	144	*	TOTAL OCC RECS FOR TU
oceana	10	64	Oceana
october	2	10	October
october	6	40	September 30 - October 6
ogemaw	10	65	Ogemaw
ohio	108	36	Ohio
ohio	151	36	Ohio
ohio	213	36	Ohio
oklahoma	108	37	Oklahoma
oklahoma	151	37	Oklahoma
oklahoma	213	37	Oklahoma
one-way	74	4	One-way trafficway
ontario	108	60	Ontario
ontario	151	60	Ontario
ontario	213	60	Ontario
ontonagon	10	66	Ontonagon
operator	49	*	FLAG: DRINKING OPERATOR
operator	152	1	Operators license
oregon	108	38	Oregon
oregon	151	38	Oregon
oregon	213	38	Oregon
original	19	*	ORIG DIRECTION
orv	55	*	FLAG: ORV INVOLVED

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
osceola	10	67	Osceola
oscoda	10	68	Oscoda
otsego	10	69	Otsego
ottawa	10	70	Ottawa
outside	21	4	Outside of the shoulder/curb-line
over	101	11	Truck/Bus over 10,000 lbs.
overtake	112	17	Overtake/passing
overturn	114	6	Overturn
overturn	115	6	Overturn
overturn	116	6	Overturn
overturn	117	6	Overturn
overturn	122	6	Overturn
papers	214	1	Papers
parapet	114	23	Bridge parapet end
parapet	115	23	Bridge parapet end
parapet	116	23	Bridge parapet end
parapet	117	23	Bridge parapet end
parapet	122	23	Bridge parapet end
parked	112	23	Parked
parked	114	18	Parked vehicle
parked	115	18	Parked vehicle
parked	116	18	Parked vehicle
parked	117	18	Parked vehicle
parked	122	18	Parked vehicle
parking	22	13	Parking related (legal roadside)
parking	112	12	Enter parking
partial	75	3	Other (partial access control)
passenger	101	1	Passenger car & station wagon (PA)
passenger	102	4	Commercial truck AP (Group A vehicle, Pa
passenger	109	2	Front corner, passenger side
passenger	146	4	Left rear, in-line vehicle passenger #1
passenger	302	4	Left rear, in-line vehicle passenger #1
passing	112	17	Overtake/passing
passing	123	7	Improper passing
pbt	129	*	PBT TEST
pedalcycle	114	16	Pedalcycle
pedalcycle	115	16	Pedalcycle
pedalcycle	116	16	Pedalcycle
pedalcycle	117	16	Pedalcycle
pedalcycle	122	16	Pedalcycle
pedalcyclist	36	6	Car - pedestrian, pedalcyclist
pedestrian	36	6	Car - pedestrian, pedalcyclist
pedestrian	49	1	This crash involved a drinking driver/pe
pedestrian	50	*	FLAG: PEDESTRIAN
pedestrian	112	19	Avoiding pedestrian
pedestrian	114	15	Pedestrian
pedestrian	115	15	Pedestrian
pedestrian	116	15	Pedestrian
pedestrian	117	15	Pedestrian
pedestrian	122	15	Pedestrian
pedestrian	133	1	1 occupant or pedestrian
pedestrian	146	52	(P) Pedestrian
pedestrian	302	52	(P) Pedestrian
pennsylvania	108	39	Pennsylvania
pennsylvania	151	39	Pennsylvania
pennsylvania	213	39	Pennsylvania
phone	168	1	Driver using cellular phone

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
physically	74	1	Not physically divided (2way trafficway)
pickup	101	3	Pickup (PU)
pier	114	22	Bridge / pier / abutment
pier	115	22	Bridge / pier / abutment
pier	116	22	Bridge / pier / abutment
pier	117	22	Bridge / pier / abutment
pier	122	22	Bridge / pier / abutment
placard	219	*	HAZMAT: PLACARD
platform	103	3	Flatbed/platform
playing	112	32	Playing in road
point	109	*	WORST IMPACT POINT
pole	114	31	Utility pole
pole	115	31	Utility pole
pole	116	31	Utility pole
pole	117	31	Utility pole
pole	122	31	Utility pole
police	59	1	This crash involved a police/fire/ambula
police	104	1	Police
position	146	*	DRIVER POSITION
position	302	*	PERSON POSITION
post	114	28	Highway traffic sign post
post	115	28	Highway traffic sign post
post	116	28	Highway traffic sign post
post	117	28	Highway traffic sign post
post	122	28	Highway traffic sign post
posted	25	*	POSTED SPEED LIMIT
pound	101	4	Truck under 10,000 lbs. GVWR (ST)
presque isle	10	71	Presque Isle
primary	12	0	Primary street is not an MDOT Control Se
primary	18	3	Primary Street (PR) cannot be found in c
prince edward island	108	61	Prince Edward Island
prince edward island	151	61	Prince Edward Island
prince edward island	213	61	Prince Edward Island
private	105	1	Private
processes	17	6	Non-located crashes that have not been r
property	35	*	PUBLIC PROPERTY DAMAGED
property	61	*	FLAG: PROPERTY DAMAGE
pu	101	3	Pickup (PU)
public	35	*	PUBLIC PROPERTY DAMAGED
puerto rico	108	40	Puerto Rico
puerto rico	151	40	Puerto Rico
puerto rico	213	40	Puerto Rico
pursuing	44	*	FLAG: FLEEING /PURSUING
pursuit	105	3	In pursuit / on emergency
push	112	30	Push/work on vehicle
quebec	108	62	Quebec
quebec	151	62	Quebec
quebec	213	62	Quebec
rail	114	24	Bridge rail
rail	115	24	Bridge rail
rail	116	24	Bridge rail
rail	117	24	Bridge rail
rail	122	24	Bridge rail
railroad	22	16	Railroad grade crossing related
railroad	114	19	Railroad train / engineer
railroad	115	19	Railroad train / engineer
railroad	116	19	Railroad train / engineer

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
railroad	117	19	Railroad train / engineer
railroad	122	19	Railroad train / engineer
rain	30	4	Rain
ramp	18	9	Direction used on ramp is not ER (end ra
ramp	19	1	(BR) Begin Ramp
ramp	21	5	In the gore (area between ramp and freew
ramp	22	1	Entrance/exit ramp related
ramp	75	2	Full access control (ramp entry and exit
rating	216	*	GROSS VEH WEIGHT RATING
rear	109	4	Rear corner, passenger side
rear	146	4	Left rear, in-line vehicle passenger #1
rear	302	4	Left rear, in-line vehicle passenger #1
rear-end	32	5	Rear-end
reason	18	99	Other reason than 01-09, nonnumeric data
reason	112	33	Other reason in road
reckless	123	15	Reckless driving
recreational	107	6	Recreational double
recreational	155	0	No recreational double (uncoded & errors
re-enter	114	5	Re-enter roadway
re-enter	115	5	Re-enter roadway
re-enter	116	5	Re-enter roadway
re-enter	117	5	Re-enter roadway
re-enter	122	5	Re-enter roadway
reflector	106	2	Lights/reflectors
refusal	127	*	REFUSAL INFORMATION
refuse	103	7	Garbage/refuse
refused	127	1	Refused
registration	108	*	REGISTRATION STATE
relation	21	*	RELATION TO ROADWAY
relationship	21	6	Unknown relationship
repairable	110	7	Heavy damage, not repairable
rest	22	4	Rest area related
restraint	147	*	DRIVER RESTRAINT
restraint	303	*	PERSON RESTRAINT
restriction	208	*	CDL RESTRICTION 28
restriction	209	*	CDL RESTRICTION 29
restriction	210	*	CDL RESTRICTION 30
restriction	211	*	CDL RESTRICTION 35
restriction	212	*	CDL RESTRICTION 36
rhode island	108	41	Rhode Island
rhode island	151	41	Rhode Island
rhode island	213	41	Rhode Island
right	32	7	Rear-end / right turn
right	112	3	Turning right
right	114	4	Ran off road right
right	115	4	Ran off road right
right	116	4	Ran off road right
right	117	4	Ran off road right
right	122	4	Ran off road right
right	146	3	Right front
right	302	3	Right front
road	13	9	County road, city street, or unknown
road	14	991	Major arterial local trafficway (not a s
road	21	1	On the road
road	22	*	AREA OF ROAD AT CRASH
road	23	*	ROAD CONDITIONS
road	29	1	On road



## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
road	55	1	This crash involved an Off Road Vehicle
road	101	9	Off Road Vehicle-ORV/All Terrain Vehicle
road	105	10	Road construction / maintenance
road	112	4	Stopped on road
road	114	3	Ran off road left
road	115	3	Ran off road left
road	116	3	Ran off road left
road	117	3	Ran off road left
road	122	3	Ran off road left
roadside	22	13	Parking related (legal roadside)
roadway	20	0	Crash occurred on other than a roadway
roadway	21	*	RELATION TO ROADWAY
roadway	114	5	Re-enter roadway
roadway	115	5	Re-enter roadway
roadway	116	5	Re-enter roadway
roadway	117	5	Re-enter roadway
roadway	122	5	Re-enter roadway
rollover	109	0	Rollover
roscommon	10	72	Roscommon
route	13	1	Interstate route
run	17	6	Non-located crashes that have not been r
run	43	*	FLAG: HIT AND RUN
runaway	114	11	Downhill runaway
runaway	115	11	Downhill runaway
runaway	116	11	Downhill runaway
runaway	117	11	Downhill runaway
runaway	122	11	Downhill runaway
saginaw	10	73	Saginaw
sanilac	10	76	Sanilac
saskatchewan	108	63	Saskatchewan
saskatchewan	151	63	Saskatchewan
saskatchewan	213	63	Saskatchewan
saturday	8	7	Saturday
saturday	9	144	12:00 a.m. - 12:59 a.m. Saturday
scale	22	5	Scale/weigh station related
scene	33	*	CRASH INVESTGTD AT SCENE
school	47	*	FLAG: SCHOOL BUS INV/ASC
school	48	*	FLAG: SCHOOL BUS CG
school	105	5	School / education
schoolcraft	10	77	Schoolcraft
seat	146	7	Left rear 3rd seat, in-line veh passenge
seat	302	7	Left rear 3rd seat, in-line vehicle pass
section	12	*	CONTROL SECTION
section	15	*	HIGHWAY CONTROL SECTION
section	16	*	CONTROL SECTION MLPT
september	2	9	September
september	6	35	August 26 - September 1
service	13	8	Service drive
severe	30	6	Severe wind
sex	158	*	DRIVER SEX
sex	309	*	PERSON SEX
shiawassee	10	78	Shiawassee
shift	114	12	Cargo loss / shift
shift	115	12	Cargo loss / shift
shift	116	12	Cargo loss / shift
shift	117	12	Cargo loss / shift
shift	122	12	Cargo loss / shift

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
shoulder	21	3	On the shoulder
shoulder	147	2	Shoulder only used
shoulder	303	2	Shoulder only used
sick	163	1	Sick
sideswipe	32	8	Sideswipe same direction
sign	26	2	Stop Sign
sign	114	28	Highway traffic sign post
sign	115	28	Highway traffic sign post
sign	116	28	Highway traffic sign post
sign	117	28	Highway traffic sign post
sign	122	28	Highway traffic sign post
signal	26	1	Signal
signal	114	29	Highway signal post
signal	115	29	Highway signal post
signal	116	29	Highway signal post
signal	117	29	Highway signal post
signal	122	29	Highway signal post
signal	123	10	Improper signal
single	32	1	Single motor vehicle
single	36	1	Single traffic unit
site	18	6	Location matches more than one specific
sleeper	146	10	In sleeper
sleeper	302	10	In sleeper
sleet	30	7	Sleet/hail
slight	110	1	Slight damage
slow	123	2	Speed too slow
slowing	112	8	Slowing/stopping on road
slushy	23	6	Slushy
smoke	30	3	Fog/smoke
snow	30	5	Snow/blowing snow
snowmobile	53	*	FLAG: SNOWMOBILE
snowmobile	101	8	Snowmobile (SM)
snowy	23	4	Snowy
sobriety	128	*	FIELD SOBRIETY TEST
south	19	7	( S) South
south	113	5	South
south carolina	108	42	South Carolina
south carolina	151	42	South Carolina
south carolina	213	42	South Carolina
south dakota	108	43	South Dakota
south dakota	151	43	South Dakota
south dakota	213	43	South Dakota
southeast	19	8	(SE) Southeast
southeast	113	6	Southeast
southwest	19	9	(SW) Southwest
southwest	113	7	Southwest
special	40	*	FLAG: SPECIAL LOCAL STDY
special	41	*	FLAG: SPECIAL STATE STDY
special	42	*	FLAG: NO SPECIAL CIRCUMS
special	104	*	SPECIAL VEHICLE
specific	18	6	Location matches more than one specific
speed	24	*	SPEED LIMIT AT CRASHSITE
speed	25	*	POSTED SPEED LIMIT
speed	123	1	Speed too fast
spill	220	*	HAZMAT: SPILL
spur	13	4	Interstate business loop or spur
st. clair	10	74	St. Clair

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
st. joseph	10	75	St. Joseph
stand	112	29	Stand/lay in road
state	14	991	Major arterial local trafficway (not a s
state	41	*	FLAG: SPECIAL STATE STDY
state	108	*	REGISTRATION STATE
state	151	*	DRIVER LICENSE STATE
state	213	*	CDL LICENSE STATE
state	215	*	INTER/INTRA STATE
station	22	5	Scale/weigh station related
station	101	1	Passenger car & station wagon (PA)
status	34	*	COMPLAINT STATUS
steering	106	3	Steering
stop	26	2	Stop Sign
straight	22	10	Straight road unrelated others
straight	112	1	Going straight
street	12	0	Primary street is not an MDOT Control Se
street	13	9	County road, city street, or unknown
street	14	993	City street that is not major arterial
street	18	3	Primary Street (PR) cannot be found in c
streets	18	5	Two (2) streets given do not intersect i
strip	74	2	Divided highway, median strip, without t
study	40	*	FLAG: SPECIAL LOCAL STDY
study	41	*	FLAG: SPECIAL STATE STDY
style	103	*	CDL TRUCK BODY STYLE
sunday	8	1	Sunday
sunday	9	0	12:00 a.m. - 12:59 a.m. Sunday
support	114	30	Luminary / light support
support	115	30	Luminary / light support
support	116	30	Luminary / light support
support	117	30	Luminary / light support
support	122	30	Luminary / light support
tank	102	3	Commercial truck AN (Group A vehicle, Ta
tank	103	2	Cargo tank
tdc-umtri	1	*	TDC-UMTRI CASE NUMBER
tdc-umtri	145	*	TDC-UMTRI UNIT NUMBER
tennessee	108	44	Tennessee
tennessee	151	44	Tennessee
tennessee	213	44	Tennessee
terrain	101	9	Off Road Vehicle-ORV/All Terrain Vehicle
test	128	*	FIELD SOBRIETY TEST
test	129	*	PBT TEST
test	130	*	BREATHALYZER TEST
test	131	*	URINE TEST
test	132	*	BLOOD TEST
test	171	*	FLAG: BLOOD TEST
test	172	*	FLAG: URINE TEST
texas	108	45	Texas
texas	151	45	Texas
texas	213	45	Texas
thirteen	64	13	Thirteen injured
thirty-three	64	33	Thirty-three injured
thursday	8	5	Thursday
thursday	9	96	12:00 a.m. - 12:59 a.m. Thursday
time	5	*	TIME OF DAY
tire	106	4	Tires/wheels
towed	107	5	Towed auto
township	11	*	CITY OR TOWNSHIP

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
township	18	2	Invalid city/township
traffic	20	*	NUMBER OF TRAFFIC LANES
traffic	26	*	TRAFFIC CONTROL
traffic	36	*	TRAFFIC UNIT MIX
traffic	74	2	Divided highway, median strip, without t
traffic	112	27	In road with traffic
traffic	114	28	Highway traffic sign post
traffic	115	28	Highway traffic sign post
traffic	116	28	Highway traffic sign post
traffic	117	28	Highway traffic sign post
traffic	122	28	Highway traffic sign post
traffic	123	4	Disregard traffic control
traffic-unit	136	*	TU WORST INJURY
traffic-unit	137	*	TU TOTAL KILLED
traffic-unit	138	*	TU TOTAL A INJURED
traffic-unit	139	*	TU TOTAL B INJURED
traffic-unit	140	*	TU TOTAL C INJURED
traffic-unit	141	*	TU TOTAL INJURED
traffic-unit	142	*	TU TOTAL CASUALTIES
traffic-unit	143	*	TU TOTAL UNINJURED
traffic-unit	144	*	TOTAL OCC RECS FOR TU
trafficway	14	991	Major arterial local trafficway (not a s
trafficway	74	*	TRAFFICWAY
trailer	107	*	NONCOMM TRAILER CONFIG
trailing	146	13	In/on trailing unit
trailing	302	13	In/on trailing unit
train	57	*	FLAG: TRAIN ACCIDENT
train	114	19	Railroad train / engineer
train	115	19	Railroad train / engineer
train	116	19	Railroad train / engineer
train	117	19	Railroad train / engineer
train	122	19	Railroad train / engineer
transition	22	3	Transition area (increase or decrease in
transport	114	17	Motor-vehicle in transport
transport	115	17	Motor-vehicle in transport
transport	116	17	Motor-vehicle in transport
transport	117	17	Motor-vehicle in transport
transport	122	17	Motor-vehicle in transport
transporter	103	6	Auto transporter
trapped	150	*	DRIVER TRAPPED
trapped	306	*	PERSON TRAPPED
travel	22	3	Transition area (increase or decrease in
travel	113	*	DIRECTION OF TRAVEL
tree	114	39	Tree
tree	115	39	Tree
tree	116	39	Tree
tree	117	39	Tree
tree	122	39	Tree
triple	102	5	Commercial truck AT (Group A vehicle, Do
truck	36	3	Car - truck
truck	37	*	NUMBER TRUCK SUPPL FORMS
truck	58	*	FLAG: TRUCK OR BUS
truck	101	4	Truck under 10,000 lbs. GVWR (ST)
truck	102	*	CDL TRUCK TYPE
truck	103	*	CDL TRUCK BODY STYLE
tuesday	8	3	Tuesday
tuesday	9	48	12:00 a.m. - 12:59 a.m. Tuesday

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
turn	32	3	Head-on / left turn
turn	123	9	Improper turn
tuscola	10	79	Tuscola
twelve	64	12	Twelve injured
type	27	*	CONSTRUCTION TYPE
type	32	*	CRASH TYPE
type	101	*	VEHICLE TYPE
type	102	*	CDL TRUCK TYPE
type	152	*	LICENSE TYPE
type	153	*	LICENSE TYPE - CYCLE
type	154	*	LICENSE TYPE - FARM
type	200	*	CDL GROUP TYPE
type	217	*	HAZMAT: TYPE
type	221	*	TYPE & AXLES - 1ST UNIT
type	222	*	TYPE & AXLES - 2ND UNIT
type	223	*	TYPE & AXLES - 3RD UNIT
type	224	*	TYPE & AXLES - 4TH UNIT
undercarriage	109	9	Undercarriage
unenclosed	146	12	Other unenclosed area
unenclosed	302	12	Other unenclosed area
uninjured	73	*	TOTAL UNINJURED IN ACC
uninjured	143	*	TU TOTAL UNINJURED
unlimited	75	1	No control (unlimited access)
urine	131	*	URINE TEST
urine	172	*	FLAG: URINE TEST
usage	123	8	Improper lane usage
using	168	1	Driver using cellular phone
utah	108	46	Utah
utah	151	46	Utah
utah	213	46	Utah
utility	27	2	Utility
utility	105	9	Utility (gas, cable, etc.)
utility	107	1	Utility
utility	114	31	Utility pole
utility	115	31	Utility pole
utility	116	31	Utility pole
utility	117	31	Utility pole
utility	122	31	Utility pole
u-turn	112	16	U-turn
van	101	2	Van & motorhome (VA)
van	103	1	Van/enclosed box
van buren	10	80	Van Buren
vehicle-atv	101	9	Off Road Vehicle-ORV/All Terrain Vehicle
vehicle-orv	101	9	Off Road Vehicle-ORV/All Terrain Vehicle
vermont	108	47	Vermont
vermont	151	47	Vermont
vermont	213	47	Vermont
virginia	108	48	Virginia
virginia	151	48	Virginia
virginia	213	48	Virginia
wagon	101	1	Passenger car & station wagon (PA)
washington	108	49	Washington
washington	151	49	Washington
washington	213	49	Washington
washtenaw	10	81	Washtenaw
way	123	5	Wrong way
wayne	10	82	Wayne

## Michigan 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
weather	30	*	WEATHER
wednesday	8	4	Wednesday
wednesday	9	72	12:00 a.m. - 12:59 a.m. Wednesday
week	6	*	WEEK OF YEAR
week	8	*	DAY OF WEEK
week	9	*	HOUR OF WEEK
weigh	22	5	Scale/weigh station related
weight	216	*	GROSS VEH WEIGHT RATING
west	19	11	( W) West
west	113	8	West
west virginia	108	50	West Virginia
west virginia	151	50	West Virginia
west virginia	213	50	West Virginia
wet	23	2	Wet
wexford	10	83	Wexford
wheel	106	4	Tires/wheels
wind	30	6	Severe wind
window	106	5	Windows
wisconsin	108	51	Wisconsin
wisconsin	151	51	Wisconsin
wisconsin	213	51	Wisconsin
work	112	30	Push/work on vehicle
worst	66	*	WORST INJURY IN ACCIDENT
worst	109	*	WORST IMPACT POINT
worst	136	*	TU WORST INJURY
wrong	123	5	Wrong way
wyoming	108	52	Wyoming
wyoming	151	52	Wyoming
wyoming	213	52	Wyoming
year	4	*	ACCIDENT YEAR
year	6	*	WEEK OF YEAR
year	157	0	Less than 1 year old
year	308	0	Less than 1 year old
yield	26	3	Yield Sign
yield	123	3	Fail to yield
yukon	108	64	Yukon
yukon	151	64	Yukon
yukon	213	64	Yukon
2way	74	1	Not physically divided (2way trafficway)

