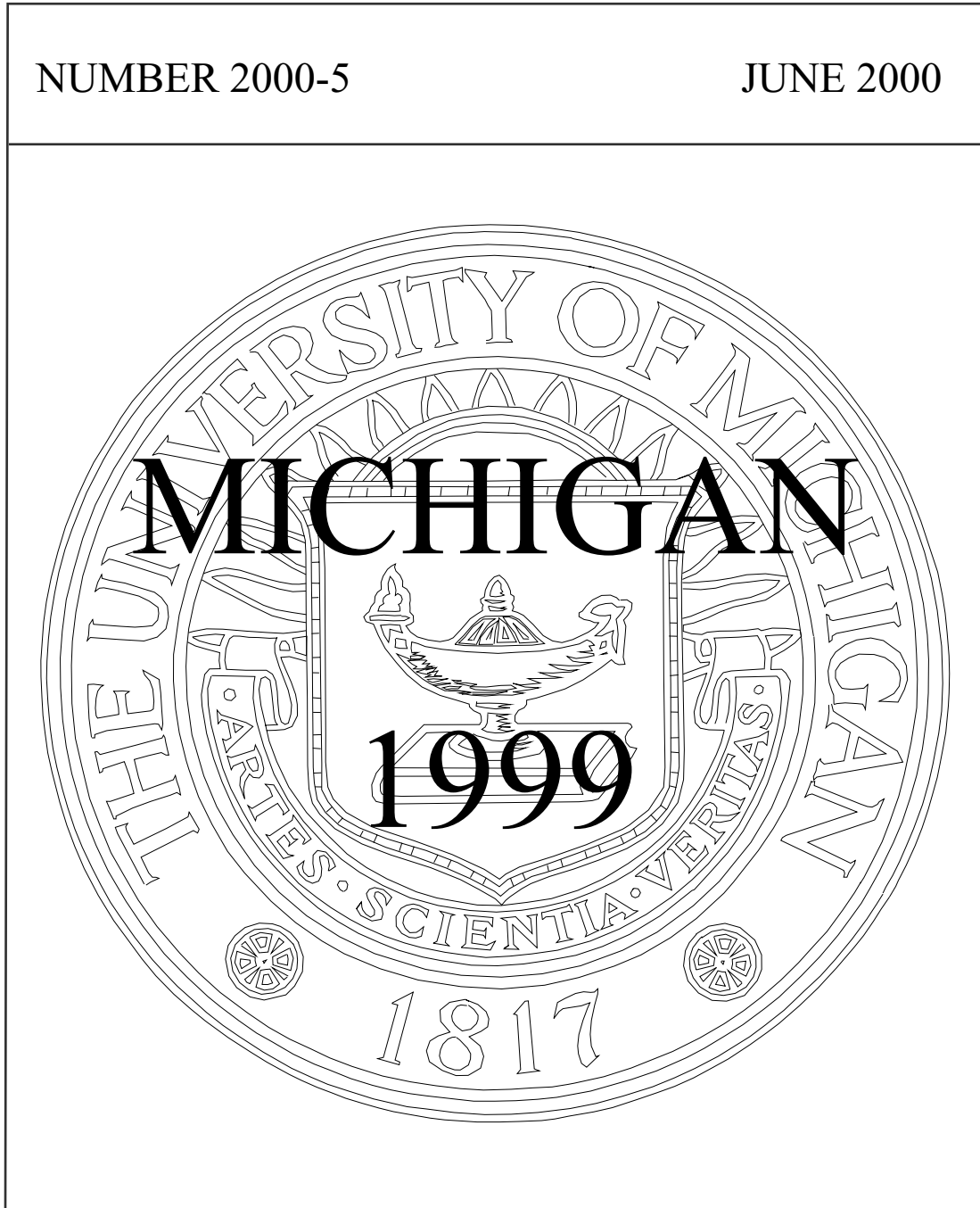


Transportation Data Center  
Data Set Codebook

NUMBER 2000-5

JUNE 2000



The University of Michigan  
Transportation Research Institute



STATE OF MICHIGAN  
1999 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 1999. 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.

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 1999, known as the "Census" data.
- 2) All accidents in which at least one truck supplement record was found. Vehicles which did not match the vehicle number on the 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).

1999 MICHIGAN DATA SETS

CATEGORY	KEY	VARIABLES	CASES
Census	MIC99ACC	1-73	415,675
	MIC99VEH	1-73, 100-159	726,986
	MIC99OCC	1-73, 100-159, 300-311	760,877
Truck	MIT99ACC	1-73	19,820
	MIT99VEH	1-73, 100-159, 200-224	38,271
	MIT99OCC	1-73, 100-159, 200-224, 300-311	39,790

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 73) 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 73, and 100 through 159) includes one record for every "traffic unit" (motor vehicles, pedestrians, pedalcyclists, etc.) involved in the accident. Variables 100 through 159 describe specific characteristics of the traffic unit, while 1 through 73 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 73, 100 through 159, 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 73, and 100 through 159, 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 codebook 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 73 were derived from the Accident data set, frequencies for variables 100 through 159 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 22, 1995*) that was produced by the Data Processing Section of the Michigan Criminal Justice Data 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  
1999 - 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 03-01-00	5	Numeric	4
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	10
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	11
17	LOCATION FLAG	1	Numeric	11
18	LOCATION ERROR	2	Numeric	11
19	ORIG DIRECTION	2	Numeric	11
20	NUMBER OF TRAFFIC LANES	2	Numeric	12
21	RELATIONSHIP TO ROADWAY	1	Numeric	12
22	AREA OF ROAD AT CRASH	2	Numeric	13
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	15
28	CONSTRUCTION LANE CLOSED	1	Numeric	15
29	CONSTRUCTION ACTIVITY	1	Numeric	15
30	WEATHER	1	Numeric	15
31	LIGHT	1	Numeric	16
32	HOW CRASH TOOK PLACE	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	18
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	19
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  
1999 - 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	24
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



STATE OF MICHIGAN  
1999 - 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	DRIVABLE AFTER CRASH	1	Numeric	34
112	ACTION PRIOR TO CRASH	2	Numeric	35
113	DIRECTION OF TRAVEL	2	Numeric	35
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	CMPTD NUMBER FATAL	3	Numeric	45
135	CMPTD 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	48
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	50
148	DRIVER AIRBAG	1	Numeric	51
149	DRIVER EJECTION	1	Numeric	51

STATE OF MICHIGAN  
1999 - Vehicle/Driver

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
150	DRIVER TRAPPED	1	Numeric	51
151	DRIVER LICENSE STATE	2	Numeric	51
152	LICENSE TYPE	1	Numeric	53
153	LICENSE TYPE - CYCLE	1	Numeric	53
154	LICENSE TYPE - FARM	1	Numeric	53
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	54
159	DRIVER DEGREE OF INJURY	1	Numeric	54

STATE OF MICHIGAN  
1999 - Truck

Variable Number	Variable Name	Width	Storage Type	Page Number
200	CDL GROUP TYPE	1	Numeric	55
201	CDL H ENDORSEMENT	1	Numeric	55
202	CDL N ENDORSEMENT	1	Numeric	55
203	CDL P ENDORSEMENT	1	Numeric	56
204	CDL T ENDORSEMENT	1	Numeric	56
205	CDL X ENDORSEMENT	1	Numeric	56
206	CDL EXEMPT	1	Numeric	56
207	MEDICAL CARD	1	Numeric	57
208	CDL RESTRICTION 28	1	Numeric	57
209	CDL RESTRICTION 29	1	Numeric	57
210	CDL RESTRICTION 30	1	Numeric	58
211	CDL RESTRICTION 35	1	Numeric	58
212	CDL RESTRICTION 36	1	Numeric	58
213	CDL LICENSE STATE	2	Numeric	58
214	SOURCE OF CDL INFO	1	Numeric	60
215	INTER/INTRA STATE	1	Numeric	60
216	GROSS VEH WEIGHT RATING	6	Numeric	60
217	HAZMAT: TYPE	4	Numeric	61
218	HAZMAT: CLASS	2	Numeric	61
219	HAZMAT: PLACARD	1	Numeric	61
220	HAZMAT: SPILL	1	Numeric	61
221	TYPE & AXLES - 1ST UNIT	2	Alphabetic	61
222	TYPE & AXLES - 2ND UNIT	2	Alphabetic	62
223	TYPE & AXLES - 3RD UNIT	2	Alphabetic	62
224	TYPE & AXLES - 4TH UNIT	2	Alphabetic	62



STATE OF MICHIGAN  
1999 - Person Injury

Variable Number	Variable Name	Width	Storage Type	Page Number
300	UNIT NUMBER	2	Numeric	63
301	PERSON NUMBER	3	Numeric	63
302	PERSON POSITION	2	Numeric	63
303	PERSON RESTRAINT	2	Numeric	64
304	PERSON AIRBAG	1	Numeric	64
305	PERSON EJECTION	1	Numeric	65
306	PERSON TRAPPED	1	Numeric	65
307	BIRTH DATE	8	Numeric	65
308	AGE	3	Numeric	65
309	PERSON SEX	1	Numeric	65
310	PERSON DEGREE OF INJ	1	Numeric	66
311	AMBULANCE CODE	4	Alphabetic	66



The ACCIDENT Variables

Variables 1 through 73 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		
2587	13.1	42511	10.2	1 January
1233	6.2	29208	7.0	2 February
1634	8.2	32482	7.8	3 March
1386	7.0	28780	6.9	4 April
1547	7.8	33057	8.0	5 May
1614	8.1	33438	8.0	6 June
1578	8.0	31644	7.6	7 July
1673	8.4	31931	7.7	8 August
1642	8.3	33606	8.1	9 September
1783	9.0	40005	9.6	10 October
1575	7.9	39488	9.5	11 November
1568	7.9	39525	9.5	12 December

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

Truck Prcnt	Census Prcnt	Code Value and Description		
750	3.8	14242	3.4	1
				- Day of month
199	1.0	6308	1.5	31

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

Truck Prcnt	Census Prcnt	Code Value and Description	
19820	100.0	415675	100.0
		1999	1999

STATE OF MICHIGAN  
1999 - Accident

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

Truck Prcnt	Census Prcnt	Code	Value and Description
200	1.0	7749	1.9 0 12:00 mid. - 1:00 a.m.
161	0.8	6875	1.7 1 1:00 a.m. - 2:00 a.m.
188	0.9	6938	1.7 2 2:00 a.m. - 3:00 a.m.
177	0.9	4921	1.2 3 3:00 a.m. - 4:00 a.m.
171	0.9	4231	1.0 4 4:00 a.m. - 5:00 a.m.
284	1.4	7428	1.8 5 5:00 a.m. - 6:00 a.m.
575	2.9	12649	3.0 6 6:00 a.m. - 7:00 a.m.
1198	6.0	21336	5.1 7 7:00 a.m. - 8:00 a.m.
1567	7.9	18451	4.4 8 8:00 a.m. - 9:00 a.m.
1313	6.6	14088	3.4 9 9:00 a.m. - 10:00 a.m.
1319	6.7	15673	3.8 10 10:00 a.m. - 11:00 a.m.
1536	7.7	19572	4.7 11 11:00 a.m. - 12:00 noon
1619	8.2	23312	5.6 12 12:00 noon - 1:00 p.m.
1399	7.1	21392	5.1 13 1:00 p.m. - 2:00 p.m.
1492	7.5	25471	6.1 14 2:00 p.m. - 3:00 p.m.
1789	9.0	31448	7.6 15 3:00 p.m. - 4:00 p.m.
1377	6.9	30631	7.4 16 4:00 p.m. - 5:00 p.m.
1044	5.3	32717	7.9 17 5:00 p.m. - 6:00 p.m.
718	3.6	26730	6.4 18 6:00 p.m. - 7:00 p.m.
429	2.2	20888	5.0 19 7:00 p.m. - 8:00 p.m.
333	1.7	17194	4.1 20 8:00 p.m. - 9:00 p.m.
290	1.5	16209	3.9 21 9:00 p.m. - 10:00 p.m.
269	1.4	14106	3.4 22 10:00 p.m. - 11:00 p.m.
249	1.3	11647	2.8 23 11:00 p.m. - 12:00 mid.
4	0.0	178	0.0 24 Midnight
1	0.0	21	0.0 25
0	0.0	6	0.0 26
0	0.0	3	0.0 27
0	0.0	3	0.0 29
103	0.5	2696	0.6 77 Uncoded & errors
0	0.0	1	0.0 91
0	0.0	1	0.0 94
0	0.0	2	0.0 95
1	0.0	2	0.0 96
1	0.0	5	0.0 97
0	0.0	1	0.0 98
13	0.1	1100	0.3 99 Unknown

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

Truck Prcnt	Census Prcnt	Code	Value and Description
723	3.6	10889	2.6 1 January 1 - January 7
910	4.6	13171	3.2 2 January 8 - January 14
534	2.7	9060	2.2 3 January 15 - January 21
344	1.7	6807	1.6 4 January 22 - January 28
301	1.5	6704	1.6 5 January 29 - February 4
305	1.5	7366	1.8 6 February 5 - February 11



STATE OF MICHIGAN  
1999 - Accident

Variable 6:WEEK OF YEAR (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
339	1.7	7787	1.9 7 February 12 - February 18
290	1.5	6868	1.7 8 February 19 - February 25
316	1.6	7743	1.9 9 February 26 - March 3
585	3.0	10704	2.6 10 March 4 - March 10
266	1.3	5880	1.4 11 March 11 - March 17
270	1.4	5689	1.4 12 March 18 - March 24
322	1.6	6495	1.6 13 March 25 - March 31
233	1.2	5864	1.4 14 April 1 - April 7
304	1.5	6730	1.6 15 April 8 - April 15
351	1.8	6751	1.6 16 April 15 - April 21
386	1.9	7159	1.7 17 April 22 - April 28
366	1.8	7530	1.8 18 April 29 - May 5
395	2.0	7457	1.8 19 May 6 - May 12
351	1.8	7831	1.9 20 May 13 - May 19
389	2.0	7573	1.8 21 May 20 - May 26
329	1.7	7616	1.8 22 May 27 - June 2
389	2.0	8134	2.0 23 June 3 - June 9
363	1.8	7586	1.8 24 June 10 - June 16
352	1.8	7593	1.8 25 June 17 - June 23
376	1.9	7884	1.9 26 June 24 - June 30
288	1.5	7032	1.7 27 July 1 - July 7
360	1.8	7005	1.7 28 July 8 - July 14
341	1.7	6921	1.7 29 July 15 - July 21
404	2.0	6969	1.7 30 July 22 - July 28
384	1.9	7475	1.8 31 July 29 - August 4
342	1.7	7004	1.7 32 August 5 - August 11
378	1.9	6912	1.7 33 August 12 - August 18
380	1.9	7824	1.9 34 August 19 - August 25
466	2.4	7393	1.8 35 August 26 - September 1
297	1.5	6923	1.7 36 September 2 - September 8
350	1.8	7317	1.8 37 September 9 - September 15
384	1.9	8102	1.9 38 September 16 - September 22
431	2.2	8909	2.1 39 September 23 - September 29
385	1.9	8256	2.0 40 September 30 - October 6
460	2.3	9163	2.2 41 October 7 - October 13
394	2.0	8621	2.1 42 October 14 - October 20
439	2.2	10014	2.4 43 October 21 - October 27
402	2.0	9634	2.3 44 October 28 - November 3
388	2.0	9345	2.2 45 November 4 - November 10
372	1.9	9391	2.3 46 November 11 - November 17
320	1.6	9201	2.2 47 November 18 - November 24
324	1.6	8098	1.9 48 November 25 - December 1
386	1.9	8784	2.1 49 December 2 - December 8
388	2.0	9526	2.3 50 December 9 - December 15
397	2.0	9917	2.4 51 December 16 - December 22
262	1.3	8302	2.0 52 December 23 - December 29
9	0.0	766	0.2 53 December 30 - December 31
0	0.0	0	0.0 99 Missing data

STATE OF MICHIGAN  
1999 - Accident

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Variable 7	JULIAN DAY FROM 03-01-00	Width: 5	Type: Numeric
		Dec: None	Miss: 99999

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

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Truck Prcnt	Census Prcnt	Code Value and Description		
655	3.3	43129	10.4	1 Sunday
3526	17.8	60277	14.5	2 Monday
3822	19.3	61974	14.9	3 Tuesday
3716	18.7	61439	14.8	4 Wednesday
3433	17.3	60654	14.6	5 Thursday
3568	18.0	73881	17.8	6 Friday
1100	5.5	54321	13.1	7 Saturday

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

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Truck Prcnt	Census Prcnt	Code Value and Description		
14	0.1	1642	0.4	0 12:00 a.m. - 12:59 a.m. Sunday
16	0.1	1633	0.4	1 1:00 a.m. - 1:59 a.m. Sunday
16	0.1	1675	0.4	2 2:00 a.m. - 2:59 a.m. Sunday
15	0.1	1128	0.3	3 3:00 a.m. - 3:59 a.m. Sunday
8	0.0	729	0.2	4 4:00 a.m. - 4:59 a.m. Sunday
9	0.0	670	0.2	5 5:00 a.m. - 5:59 a.m. Sunday
12	0.1	875	0.2	6 6:00 a.m. - 6:59 a.m. Sunday
11	0.1	786	0.2	7 7:00 a.m. - 7:59 a.m. Sunday
27	0.1	903	0.2	8 8:00 a.m. - 8:59 a.m. Sunday
32	0.2	1184	0.3	9 9:00 a.m. - 9:59 a.m. Sunday
26	0.1	1577	0.4	10 10:00 a.m. - 10:59 a.m. Sunday
41	0.2	1835	0.4	11 11:00 a.m. - 11:59 a.m. Sunday
38	0.2	2353	0.6	12 12:00 noon - 12:59 p.m. Sunday
48	0.2	2521	0.6	13 1:00 p.m. - 1:59 p.m. Sunday
37	0.2	2560	0.6	14 2:00 p.m. - 2:59 p.m. Sunday
41	0.2	2567	0.6	15 3:00 p.m. - 3:59 p.m. Sunday
50	0.3	2560	0.6	16 4:00 p.m. - 4:59 p.m. Sunday
35	0.2	2531	0.6	17 5:00 p.m. - 5:59 p.m. Sunday
30	0.2	2686	0.6	18 6:00 p.m. - 6:59 p.m. Sunday
33	0.2	2676	0.6	19 7:00 p.m. - 7:59 p.m. Sunday
35	0.2	2262	0.5	20 8:00 p.m. - 8:59 p.m. Sunday
20	0.1	2083	0.5	21 9:00 p.m. - 9:59 p.m. Sunday
30	0.2	1789	0.4	22 10:00 p.m. - 10:59 p.m. Sunday
28	0.1	1437	0.3	23 11:00 p.m. - 11:59 p.m. Sunday
20	0.1	830	0.2	24 12:00 a.m. - 12:59 a.m. Monday
15	0.1	674	0.2	25 1:00 a.m. - 1:59 a.m. Monday
26	0.1	660	0.2	26 2:00 a.m. - 2:59 a.m. Monday
23	0.1	516	0.1	27 3:00 a.m. - 3:59 a.m. Monday
21	0.1	573	0.1	28 4:00 a.m. - 4:59 a.m. Monday
58	0.3	1225	0.3	29 5:00 a.m. - 5:59 a.m. Monday
122	0.6	2268	0.5	30 6:00 a.m. - 6:59 a.m. Monday

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Variable 9: HOUR OF WEEK (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
246	1.2	31	7:00 a.m. - 7:59 a.m. Monday
307	1.5	32	8:00 a.m. - 8:59 a.m. Monday
239	1.2	33	9:00 a.m. - 9:59 a.m. Monday
197	1.0	34	10:00 a.m. - 10:59 a.m. Monday
263	1.3	35	11:00 a.m. - 11:59 a.m. Monday
290	1.5	36	12:00 noon - 12:59 p.m. Monday
272	1.4	37	1:00 p.m. - 1:59 p.m. Monday
253	1.3	38	2:00 p.m. - 2:59 p.m. Monday
336	1.7	39	3:00 p.m. - 3:59 p.m. Monday
266	1.3	40	4:00 p.m. - 4:59 p.m. Monday
179	0.9	41	5:00 p.m. - 5:59 p.m. Monday
117	0.6	42	6:00 p.m. - 6:59 p.m. Monday
68	0.3	43	7:00 p.m. - 7:59 p.m. Monday
53	0.3	44	8:00 p.m. - 8:59 p.m. Monday
55	0.3	45	9:00 p.m. - 9:59 p.m. Monday
41	0.2	46	10:00 p.m. - 10:59 p.m. Monday
37	0.2	47	11:00 p.m. - 11:59 p.m. Monday
40	0.2	48	12:00 a.m. - 12:59 a.m. Tuesday
21	0.1	49	1:00 a.m. - 1:59 a.m. Tuesday
35	0.2	50	2:00 a.m. - 2:59 a.m. Tuesday
28	0.1	51	3:00 a.m. - 3:59 a.m. Tuesday
34	0.2	52	4:00 a.m. - 4:59 a.m. Tuesday
47	0.2	53	5:00 a.m. - 5:59 a.m. Tuesday
95	0.5	54	6:00 a.m. - 6:59 a.m. Tuesday
248	1.3	55	7:00 a.m. - 7:59 a.m. Tuesday
285	1.4	56	8:00 a.m. - 8:59 a.m. Tuesday
264	1.3	57	9:00 a.m. - 9:59 a.m. Tuesday
293	1.5	58	10:00 a.m. - 10:59 a.m. Tuesday
313	1.6	59	11:00 a.m. - 11:59 a.m. Tuesday
339	1.7	60	12:00 noon - 12:59 p.m. Tuesday
279	1.4	61	1:00 p.m. - 1:59 p.m. Tuesday
303	1.5	62	2:00 p.m. - 2:59 p.m. Tuesday
344	1.7	63	3:00 p.m. - 3:59 p.m. Tuesday
234	1.2	64	4:00 p.m. - 4:59 p.m. Tuesday
178	0.9	65	5:00 p.m. - 5:59 p.m. Tuesday
139	0.7	66	6:00 p.m. - 6:59 p.m. Tuesday
93	0.5	67	7:00 p.m. - 7:59 p.m. Tuesday
56	0.3	68	8:00 p.m. - 8:59 p.m. Tuesday
47	0.2	69	9:00 p.m. - 9:59 p.m. Tuesday
41	0.2	70	10:00 p.m. - 10:59 p.m. Tuesday
42	0.2	71	11:00 p.m. - 11:59 p.m. Tuesday
24	0.1	72	12:00 a.m. - 12:59 a.m. Wednesday
35	0.2	73	1:00 a.m. - 1:59 a.m. Wednesday
16	0.1	74	2:00 a.m. - 2:59 a.m. Wednesday
28	0.1	75	3:00 a.m. - 3:59 a.m. Wednesday
31	0.2	76	4:00 a.m. - 4:59 a.m. Wednesday
53	0.3	77	5:00 a.m. - 5:59 a.m. Wednesday
115	0.6	78	6:00 a.m. - 6:59 a.m. Wednesday
227	1.1	79	7:00 a.m. - 7:59 a.m. Wednesday
314	1.6	80	8:00 a.m. - 8:59 a.m. Wednesday
238	1.2	81	9:00 a.m. - 9:59 a.m. Wednesday
246	1.2	82	10:00 a.m. - 10:59 a.m. Wednesday

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## Variable 9: HOUR OF WEEK (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
291	1.5	2758	0.7 83 11:00 a.m. - 11:59 a.m. Wednesday
298	1.5	3338	0.8 84 12:00 noon - 12:59 p.m. Wednesday
252	1.3	2952	0.7 85 1:00 p.m. - 1:59 p.m. Wednesday
283	1.4	3782	0.9 86 2:00 p.m. - 2:59 p.m. Wednesday
356	1.8	5015	1.2 87 3:00 p.m. - 3:59 p.m. Wednesday
265	1.3	4824	1.2 88 4:00 p.m. - 4:59 p.m. Wednesday
221	1.1	5299	1.3 89 5:00 p.m. - 5:59 p.m. Wednesday
125	0.6	4048	1.0 90 6:00 p.m. - 6:59 p.m. Wednesday
76	0.4	2807	0.7 91 7:00 p.m. - 7:59 p.m. Wednesday
57	0.3	2387	0.6 92 8:00 p.m. - 8:59 p.m. Wednesday
50	0.3	2228	0.5 93 9:00 p.m. - 9:59 p.m. Wednesday
49	0.2	2028	0.5 94 10:00 p.m. - 10:59 p.m. Wednesday
36	0.2	1462	0.4 95 11:00 p.m. - 11:59 p.m. Wednesday
37	0.2	948	0.2 96 12:00 a.m. - 12:59 a.m. Thursday
28	0.1	763	0.2 97 1:00 a.m. - 1:59 a.m. Thursday
33	0.2	706	0.2 98 2:00 a.m. - 2:59 a.m. Thursday
36	0.2	538	0.1 99 3:00 a.m. - 3:59 a.m. Thursday
30	0.2	568	0.1 100 4:00 a.m. - 4:59 a.m. Thursday
52	0.3	1195	0.3 101 5:00 a.m. - 5:59 a.m. Thursday
92	0.5	2103	0.5 102 6:00 a.m. - 6:59 a.m. Thursday
202	1.0	3730	0.9 103 7:00 a.m. - 7:59 a.m. Thursday
308	1.6	3124	0.8 104 8:00 a.m. - 8:59 a.m. Thursday
201	1.0	2063	0.5 105 9:00 a.m. - 9:59 a.m. Thursday
239	1.2	2238	0.5 106 10:00 a.m. - 10:59 a.m. Thursday
281	1.4	2796	0.7 107 11:00 a.m. - 11:59 a.m. Thursday
281	1.4	3307	0.8 108 12:00 noon - 12:59 p.m. Thursday
244	1.2	2946	0.7 109 1:00 p.m. - 1:59 p.m. Thursday
260	1.3	3613	0.9 110 2:00 p.m. - 2:59 p.m. Thursday
308	1.6	4800	1.2 111 3:00 p.m. - 3:59 p.m. Thursday
241	1.2	4695	1.1 112 4:00 p.m. - 4:59 p.m. Thursday
181	0.9	5159	1.2 113 5:00 p.m. - 5:59 p.m. Thursday
140	0.7	4024	1.0 114 6:00 p.m. - 6:59 p.m. Thursday
56	0.3	2905	0.7 115 7:00 p.m. - 7:59 p.m. Thursday
43	0.2	2356	0.6 116 8:00 p.m. - 8:59 p.m. Thursday
49	0.2	2257	0.5 117 9:00 p.m. - 9:59 p.m. Thursday
36	0.2	1853	0.4 118 10:00 p.m. - 10:59 p.m. Thursday
39	0.2	1428	0.3 119 11:00 p.m. - 11:59 p.m. Thursday
35	0.2	1075	0.3 120 12:00 a.m. - 12:59 a.m. Friday
25	0.1	989	0.2 121 1:00 a.m. - 1:59 a.m. Friday
38	0.2	1016	0.2 122 2:00 a.m. - 2:59 a.m. Friday
23	0.1	703	0.2 123 3:00 a.m. - 3:59 a.m. Friday
28	0.1	615	0.1 124 4:00 a.m. - 4:59 a.m. Friday
39	0.2	1116	0.3 125 5:00 a.m. - 5:59 a.m. Friday
105	0.5	1998	0.5 126 6:00 a.m. - 6:59 a.m. Friday
211	1.1	3476	0.8 127 7:00 a.m. - 7:59 a.m. Friday
256	1.3	2986	0.7 128 8:00 a.m. - 8:59 a.m. Friday
255	1.3	2275	0.5 129 9:00 a.m. - 9:59 a.m. Friday
228	1.2	2475	0.6 130 10:00 a.m. - 10:59 a.m. Friday
266	1.3	3394	0.8 131 11:00 a.m. - 11:59 a.m. Friday
277	1.4	4050	1.0 132 12:00 noon - 12:59 p.m. Friday
236	1.2	3571	0.9 133 1:00 p.m. - 1:59 p.m. Friday
295	1.5	4758	1.1 134 2:00 p.m. - 2:59 p.m. Friday

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Variable 9: HOUR OF WEEK (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
348	1.8	5918	1.4 135 3:00 p.m. - 3:59 p.m. Friday
265	1.3	5982	1.4 136 4:00 p.m. - 4:59 p.m. Friday
203	1.0	6344	1.5 137 5:00 p.m. - 5:59 p.m. Friday
132	0.7	4957	1.2 138 6:00 p.m. - 6:59 p.m. Friday
77	0.4	3946	0.9 139 7:00 p.m. - 7:59 p.m. Friday
64	0.3	3192	0.8 140 8:00 p.m. - 8:59 p.m. Friday
50	0.3	3142	0.8 141 9:00 p.m. - 9:59 p.m. Friday
49	0.2	2821	0.7 142 10:00 p.m. - 10:59 p.m. Friday
44	0.2	2475	0.6 143 11:00 p.m. - 11:59 p.m. Friday
34	0.2	1856	0.4 144 12:00 a.m. - 12:59 a.m. Saturday
21	0.1	1583	0.4 145 1:00 a.m. - 1:59 a.m. Saturday
24	0.1	1734	0.4 146 2:00 a.m. - 2:59 a.m. Saturday
24	0.1	1169	0.3 147 3:00 a.m. - 3:59 a.m. Saturday
19	0.1	778	0.2 148 4:00 a.m. - 4:59 a.m. Saturday
26	0.1	910	0.2 149 5:00 a.m. - 5:59 a.m. Saturday
34	0.2	1113	0.3 150 6:00 a.m. - 6:59 a.m. Saturday
53	0.3	1211	0.3 151 7:00 a.m. - 7:59 a.m. Saturday
70	0.4	1467	0.4 152 8:00 a.m. - 8:59 a.m. Saturday
84	0.4	1805	0.4 153 9:00 a.m. - 9:59 a.m. Saturday
90	0.5	2446	0.6 154 10:00 a.m. - 10:59 a.m. Saturday
81	0.4	2933	0.7 155 11:00 a.m. - 11:59 a.m. Saturday
96	0.5	3352	0.8 156 12:00 noon - 12:59 p.m. Saturday
68	0.3	3166	0.8 157 1:00 p.m. - 1:59 p.m. Saturday
61	0.3	3202	0.8 158 2:00 p.m. - 2:59 p.m. Saturday
56	0.3	3224	0.8 159 3:00 p.m. - 3:59 p.m. Saturday
56	0.3	3174	0.8 160 4:00 p.m. - 4:59 p.m. Saturday
47	0.2	2971	0.7 161 5:00 p.m. - 5:59 p.m. Saturday
35	0.2	3196	0.8 162 6:00 p.m. - 6:59 p.m. Saturday
26	0.1	2891	0.7 163 7:00 p.m. - 7:59 p.m. Saturday
25	0.1	2502	0.6 164 8:00 p.m. - 8:59 p.m. Saturday
19	0.1	2422	0.6 165 9:00 p.m. - 9:59 p.m. Saturday
23	0.1	2358	0.6 166 10:00 p.m. - 10:59 p.m. Saturday
23	0.1	2274	0.5 167 11:00 p.m. - 11:59 p.m. Saturday
119	0.6	3841	0.9 999 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
16	0.1	858	0.2 1 Alcona
30	0.2	609	0.1 2 Alger
226	1.1	3969	1.0 3 Allegan
41	0.2	1493	0.4 4 Alpena
41	0.2	1210	0.3 5 Antrim
25	0.1	1057	0.3 6 Arenac
18	0.1	560	0.1 7 Baraga
57	0.3	2598	0.6 8 Barry

## Variable 10:COUNTY (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
175	0.9	4019	1.0 9 Bay
20	0.1	684	0.2 10 Benzie
394	2.0	5986	1.4 11 Berrien
90	0.5	2127	0.5 12 Branch
367	1.9	6826	1.6 13 Calhoun
74	0.4	1957	0.5 14 Cass
35	0.2	1349	0.3 15 Charlevoix
39	0.2	1205	0.3 16 Cheboygan
50	0.3	1710	0.4 17 Chippewa
47	0.2	1664	0.4 18 Clare
85	0.4	2439	0.6 19 Clinton
20	0.1	938	0.2 20 Crawford
83	0.4	2482	0.6 21 Delta
47	0.2	1544	0.4 22 Dickinson
170	0.9	4462	1.1 23 Eaton
52	0.3	1853	0.4 24 Emmet
665	3.4	15789	3.8 25 Genesee
15	0.1	1196	0.3 26 Gladwin
20	0.1	579	0.1 27 Gogebic
148	0.7	3971	1.0 28 Grand Traverse
74	0.4	1897	0.5 29 Gratiot
88	0.4	2298	0.6 30 Hillsdale
42	0.2	1372	0.3 31 Houghton
40	0.2	1856	0.4 32 Huron
486	2.5	12102	2.9 33 Ingham
119	0.6	2782	0.7 34 Ionia
30	0.2	1326	0.3 35 Iosco
27	0.1	1036	0.2 36 Iron
56	0.3	2970	0.7 37 Isabella
297	1.5	7023	1.7 38 Jackson
495	2.5	10199	2.5 39 Kalamazoo
29	0.1	913	0.2 40 Kalkaska
1464	7.4	26200	6.3 41 Kent
3	0.0	103	0.0 42 Keweenaw
17	0.1	689	0.2 43 Lake
156	0.8	3763	0.9 44 Lapeer
11	0.1	720	0.2 45 Leelanau
176	0.9	3668	0.9 46 Lenawee
254	1.3	5552	1.3 47 Livingston
7	0.0	299	0.1 48 Luce
26	0.1	928	0.2 49 Mackinac
1354	6.8	26447	6.4 50 Macomb
33	0.2	1354	0.3 51 Manistee
78	0.4	2668	0.6 52 Marquette
51	0.3	1818	0.4 53 Mason
45	0.2	2786	0.7 54 Mecosta
66	0.3	2195	0.5 55 Menominee
80	0.4	3179	0.8 56 Midland
11	0.1	871	0.2 57 Missaukee
325	1.6	4517	1.1 58 Monroe
96	0.5	3324	0.8 59 Montcalm
15	0.1	470	0.1 60 Montmorency

Variable 10:COUNTY (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description		
178	0.9	6035	1.5	61	Muskegon
57	0.3	2088	0.5	62	Newaygo
2234	11.3	48976	11.8	63	Oakland
35	0.2	1282	0.3	64	Oceana
29	0.1	1406	0.3	65	Ogemaw
20	0.1	683	0.2	66	Ontonagon
35	0.2	1783	0.4	67	Osceola
12	0.1	434	0.1	68	Oscoda
48	0.2	1169	0.3	69	Otsego
415	2.1	7783	1.9	70	Ottawa
8	0.0	820	0.2	71	Presque Isle
31	0.2	1278	0.3	72	Roscommon
309	1.6	8496	2.0	73	Saginaw
270	1.4	5442	1.3	74	St. Clair
132	0.7	2578	0.6	75	St. Joseph
72	0.4	1982	0.5	76	Sanilac
38	0.2	654	0.2	77	Schoolcraft
77	0.4	2656	0.6	78	Shiawassee
60	0.3	2229	0.5	79	Tuscola
225	1.1	3256	0.8	80	Van Buren
828	4.2	13209	3.2	81	Washtenaw
5515	27.8	86863	20.9	82	Wayne
89	0.4	2036	0.5	83	Wexford
2	0.0	62	0.0	84	Uncoded & errors
0	0.0	1	0.0	89	
0	0.0	1	0.0	92	
0	0.0	1	0.0	96	
0	0.0	1	0.0	98	
0	0.0	12	0.0	99	Non-numeric data

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

Use in conjunction with V10.

Truck Prcnt	Census Prcnt	Code	Value and Description		
9	0.0	303	0.1	0	Uncoded & errors
629	3.2	13525	3.3	1	
				-	City or township code (by county)
3141	15.8	48515	11.7	99	Detroit or non-numeric data

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

Truck Prcnt	Census Prcnt	Code Value and Description		
9423	47.5	225466	54.2	0 Primary street is not an MDOT Control Section
9427	47.6	173515	41.7	1 Primary street is an MDOT Control Section
780	3.9	13293	3.2	2 Reverse direction intersecting street is an MDOT Control Section
188	0.9	3378	0.8	3 Same direction intersecting street is an MDOT Control Section
2	0.0	23	0.0	4 Nontraffic location (internally generated)

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

Truck Prcnt	Census Prcnt	Code Value and Description		
2264	11.4	45675	11.0	0 Not located
3478	17.5	30032	7.2	1 Interstate route
1925	9.7	28788	6.9	2 U.S. route
3100	15.6	65807	15.8	3 Michigan route
313	1.6	5749	1.4	4 Interstate business loop or spur
170	0.9	3868	0.9	5 U.S. business route
7	0.0	217	0.1	6 Michigan business route
46	0.2	616	0.1	7 Connector
47	0.2	455	0.1	8 Service drive
8470	42.7	234468	56.4	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		
2264	11.4	45675	11.0	0 Did not locate
64	0.3	1276	0.3	1 - Highway number
221	1.1	2303	0.6	696
8470	42.7	234468	56.4	999 Local road or unknown

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



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

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

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Truck Prcnt	Census Prcnt	Code Value and Description		
49	0.2	1003	0.2	0 Location not yet attempted
17546	88.5	369825	89.0	1 Successfully located
518	2.6	10039	2.4	2 Could not automatically locate in MALI indexes
0	0.0	0	0.0	3 This crash will be recycled through MALI due to index change
684	3.5	13014	3.1	4 Could not locate even after attempting a manual correction
473	2.4	9647	2.3	6 Non-located crashes that have not been run through the "protest" (force location) processes
550	2.8	12147	2.9	9 Missing location data, nonnumeric data

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

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Truck Prcnt	Census Prcnt	Code Value and Description		
17596	88.8	370848	89.2	0 None
10	0.1	291	0.1	1 Invalid county
11	0.1	325	0.1	2 Invalid city/township
506	2.6	10149	2.4	3 PR not found in county/city given
476	2.4	10999	2.6	4 Intersecting street not found in co/city given
375	1.9	7233	1.7	5 Streets do not intersect in co/city given
291	1.5	4549	1.1	6 Location matches more than one site
108	0.5	2644	0.6	7 Direction to/from intersecting st. is improper
16	0.1	96	0.0	8 Distance to/from intersecting st. is improper
13	0.1	212	0.1	9 Direction used on ramp is not ER or BR
418	2.1	8329	2.0	99 Other reason than 01-09, nonnumeric data

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

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DIRECTION OFFICER ORIGINALLY GAVE TO NEAREST INTERSECTING STREET

Truck Prcnt	Census Prcnt	Code Value and Description		
120	0.6	1256	0.3	1 (BR) Begin Ramp
3415	17.2	75305	18.1	2 ( E) East
304	1.5	3608	0.9	3 (ER) End Ramp
3502	17.7	79467	19.1	4 ( N) North

## Variable 19:ORIG DIRECTION (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
768	3.9	13820	3.3 5 (NE) Northeast
719	3.6	13350	3.2 6 (NW) Northwest
3324	16.8	76507	18.4 7 ( S) South
696	3.5	13554	3.3 8 (SE) Southeast
846	4.3	13484	3.2 9 (SW) Southwest
2707	13.7	51897	12.5 10 ( X) At intersection
3377	17.0	72497	17.4 11 ( W) West
42	0.2	930	0.2 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
62	0.3	1533	0.4 0 Crash occurred on other than a roadway
718	3.6	12155	2.9 1 One Lane
9209	46.5	229072	55.1 2 Two lanes
3150	15.9	40881	9.8 3 Three lanes
3624	18.3	64132	15.4 4 Four lanes
2085	10.5	50291	12.1 5 Five lanes
397	2.0	6594	1.6 6 Six lanes
262	1.3	4010	1.0 7 Seven lanes
48	0.2	868	0.2 8 Eight lanes
22	0.1	339	0.1 9 Nine lanes
243	1.2	5800	1.4 99 Uncoded & errors, nonnumeric data

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

Truck Prcnt	Census Prcnt	Code	Value and Description
58	0.3	1318	0.3 0 Uncoded & errors
18049	91.1	361581	87.0 1 On the road
128	0.6	2538	0.6 2 In the median
621	3.1	15549	3.7 3 On the shoulder
677	3.4	27739	6.7 4 Outside of the shoulder/curb-line
26	0.1	746	0.2 5 In the gore (area between ramp and Xway convergence)
261	1.3	6204	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		
		On Expressway		
361	1.8	7988	1.9	0 Uncoded & errors
1064	5.4	12872	3.1	1 Entrance/exit ramp related
49	0.2	764	0.2	2 Median crossing related
305	1.5	3472	0.8	3 Transition area
25	0.1	186	0.0	4 Rest area related
15	0.1	159	0.0	5 Scale/weigh station related
3070	15.5	29477	7.1	6 All other freeway areas
		Related to or within 150' of an intersection		
3668	18.5	75154	18.1	7 Within intersection
1030	5.2	24989	6.0	8 Driveway related/150'
2413	12.2	40909	9.8	9 Other intersect related
		Other area		
5455	27.5	167298	40.2	10 Straight road unrelated others
485	2.4	13495	3.2	11 Curved road unrelated others
783	4.0	17667	4.3	12 Driveway related
409	2.1	10787	2.6	13 Parking related
110	0.6	1579	0.4	14 Transition area
147	0.7	1697	0.4	15 Median crossing related
130	0.7	765	0.2	16 Rail crossing related
15	0.1	292	0.1	17 Rest area
8	0.0	125	0.0	18 Scale/weigh station related
65	0.3	1644	0.4	19 Nontraffic area
207	1.0	4082	1.0	20 Other
6	0.0	274	0.1	21 Unknown

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

Truck Prcnt	Census Prcnt	Code Value and Description		
206	1.0	4420	1.1	0 Uncoded & errors
13874	70.0	291845	70.2	1 Dry
2810	14.2	62002	14.9	2 Wet
1004	5.1	19795	4.8	3 Icy
1570	7.9	28712	6.9	4 Snowy
20	0.1	558	0.1	5 Muddy
266	1.3	5079	1.2	6 Slushy
11	0.1	239	0.1	7 Debris
59	0.3	3025	0.7	8 Other

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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		
80	0.4	1358	0.3	0 Stopped
14	0.1	165	0.0	5 5 miles per hour
34	0.2	429	0.1	10 10 miles per hour
0	0.0	1	0.0	14
89	0.4	1677	0.4	15 15 miles per hour
31	0.2	583	0.1	20 20 miles per hour
1	0.0	3	0.0	24
3720	18.8	74682	18.0	25 25 miles per hour
0	0.0	2	0.0	26
1330	6.7	23991	5.8	30 30 miles per hour
0	0.0	1	0.0	31
0	0.0	3	0.0	34
2710	13.7	58365	14.0	35 35 miles per hour
0	0.0	1	0.0	36
1177	5.9	29663	7.1	40 40 miles per hour
0	0.0	1	0.0	41
0	0.0	2	0.0	44
2532	12.8	58025	14.0	45 45 miles per hour
647	3.3	12539	3.0	50 50 miles per hour
4085	20.6	112336	27.0	55 55 miles per hour
0	0.0	1	0.0	56
82	0.4	585	0.1	60 60 miles per hour
884	4.5	9273	2.2	65 65 miles per hour
2404	12.1	31989	7.7	99 Uncoded & errors

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

Truck Prcnt	Census Prcnt	Code Value and Description		
1222	6.2	25964	6.2	0 Uncoded & errors
15481	78.1	303284	73.0	1 Yes
3117	15.7	86427	20.8	2 No

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

Truck Prcnt	Census Prcnt	Code Value and Description		
1271	6.4	32484	7.8	0 Uncoded & errors
4417	22.3	79164	19.0	1 Signal
2128	10.7	43737	10.5	2 Stop Sign
151	0.8	3537	0.9	3 Yield Sign
11853	59.8	256753	61.8	4 None

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---

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

Truck Prcnt	Census Prcnt	Code	Value and Description
18935	95.5	408385	98.2 0 Uncoded & errors
848	4.3	6948	1.7 1 Construction/Maintenance
37	0.2	342	0.1 2 Utility

---

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

Truck Prcnt	Census Prcnt	Code	Value and Description
18745	94.6	402888	96.9 0 Uncoded & errors
582	2.9	4672	1.1 1 Yes
493	2.5	8115	2.0 2 No

---

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

Truck Prcnt	Census Prcnt	Code	Value and Description
18396	92.8	394816	95.0 0 Uncoded & errors
771	3.9	8715	2.1 1 On road
142	0.7	1159	0.3 2 Off road
511	2.6	10985	2.6 3 None

---

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

Truck Prcnt	Census Prcnt	Code	Value and Description
86	0.4	2420	0.6 0 Uncoded & errors
11051	55.8	233598	56.2 1 Clear
5119	25.8	104379	25.1 2 Cloudy
139	0.7	3064	0.7 3 Fog/smoke
1471	7.4	34744	8.4 4 Rain
1849	9.3	33182	8.0 5 Snow/blowing snow
13	0.1	236	0.1 6 Severe wind
20	0.1	603	0.1 7 Sleet/hail
72	0.4	3449	0.8 8 Other

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

Truck Prcnt	Census Prcnt	Code	Value and Description
117	0.6	3652	0.9 0 Uncoded & errors
15751	79.5	257475	61.9 1 Daylight
566	2.9	13143	3.2 2 Dawn
324	1.6	14043	3.4 3 Dusk
1451	7.3	51125	12.3 4 Dark lighted
1594	8.0	74108	17.8 5 Dark unlighted
17	0.1	2129	0.5 6 Other

Variable 32      HOW CRASH TOOK PLACE      Width: 2      Type: Numeric  
Dec: None      Miss: 0

Truck Prcnt	Census Prcnt	Code	Value and Description
246	1.2	4746	1.1 0 Uncoded & errors
2769	14.0	126990	30.6 1 Single vehicle
307	1.5	7685	1.8 2 Head on
247	1.2	12854	3.1 3 Head on left
3201	16.2	82951	20.0 4 Angle
4388	22.1	100440	24.2 5 Rear end
216	1.1	4608	1.1 6 Rear end left
196	1.0	3302	0.8 7 Rear end right
4741	23.9	36227	8.7 8 Sideswipe same direction
1155	5.8	11791	2.8 9 Sideswipe opposite direction
2354	11.9	24081	5.8 10 Other

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
336	1.7	7863	1.9 0 Uncoded & errors
16162	81.5	292031	70.3 1 Yes
3322	16.8	115781	27.9 2 No

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

Truck Prcnt	Census Prcnt	Code	Value and Description
3620	18.3	73939	17.8 0 Uncoded & errors
401	2.0	9452	2.3 1 Closed
15799	79.7	332284	79.9 2 Open

---

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

---

Truck Prcnt	Census Prcnt	Code Value and Description		
18462	93.1	386175	92.9	0 Uncoded & errors
732	3.7	13690	3.3	1 Yes
626	3.2	15810	3.8	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		
4366	22.0	158566	38.1	1 Single traffic unit
0	0.0	113638	27.3	2 Car - car
10090	50.9	83231	20.0	3 Car - truck
0	0.0	997	0.2	4 Car - motorcycle, moped
0	0.0	1067	0.3	5 Car - other
26	0.1	721	0.2	6 Car - pedestrian, pedalcyclist
3778	19.1	19849	4.8	7 Truck - truck
22	0.1	350	0.1	8 Truck - motorcycle
64	0.3	532	0.1	9 Truck - other
19	0.1	261	0.1	10 Truck - pedestrian, pedalcyclist
0	0.0	27	0.0	11 Motorcycle - motorcycle
0	0.0	8	0.0	12 Motorcycle - other
0	0.0	7	0.0	13 Motorcycle - pedestrian, pedalcyclist
0	0.0	60	0.0	14 Other - other
0	0.0	4	0.0	15 Other - pedestrian, pedalcyclist
1167	5.9	20748	5.0	16 Three or more traffic units
288	1.5	15609	3.8	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	395855	95.2	0 None
19436	98.1	19436	4.7	1 One form
369	1.9	369	0.1	2 Two forms
14	0.1	14	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		
2903	14.6	129472	31.1	1 One unit
15670	79.1	263480	63.4	2 Two units
1014	5.1	19189	4.6	3 Three units
151	0.8	2848	0.7	4 Four units
54	0.3	519	0.1	5 Five units
12	0.1	94	0.0	6 Six units
9	0.0	43	0.0	7 Seven units
4	0.0	16	0.0	8 Eight units
3	0.0	14	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		
16	0.1	420	0.1	0 None
4358	22.0	158277	38.1	1 One unit
14343	72.4	237098	57.0	2 Two units
906	4.6	17024	4.1	3 Three units
130	0.7	2385	0.6	4 Four units
42	0.2	361	0.1	5 Five units
13	0.1	74	0.0	6 Six units
7	0.0	23	0.0	7 Seven units
2	0.0	8	0.0	8 Eight units
3	0.0	5	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 OFFICER

Truck Prcnt	Census Prcnt	Code Value and Description		
19465	98.2	409056	98.4	0 Uncoded & errors
355	1.8	6619	1.6	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 OFFICER



Variable 41:FLAG: SPECIAL STATE STDY (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
18559	93.6	384361	92.5 0 Uncoded & errors
1261	6.4	31314	7.5 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 OFFICER

Truck Prcnt	Census Prcnt	Code	Value and Description
3711	18.7	122723	29.5 0 Uncoded & errors
16109	81.3	292952	70.5 1 Yes

---

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

SPECIAL CIRCUMSTANCES FLAG AS CODED OFFICER

Truck Prcnt	Census Prcnt	Code	Value and Description
18469	93.2	373530	89.9 0 Uncoded & errors
1351	6.8	42145	10.1 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 OFFICER

Truck Prcnt	Census Prcnt	Code	Value and Description
19814	100.0	414638	99.8 0 Uncoded & errors
6	0.0	1037	0.2 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 OFFICER

## Variable 45:FLAG: DEER INVOLV/ASSOC (Continued)

Truck Prcnt	Census Prcnt	Code Value and Description		
19164	96.7	348006	83.7	0 Uncoded & errors
656	3.3	67669	16.3	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		
19164	96.7	348006	83.7	0 Uncoded & errors
656	3.3	67669	16.3	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 OFFICER

Truck Prcnt	Census Prcnt	Code Value and Description		
18676	94.2	414295	99.7	0 Uncoded & errors
1144	5.8	1380	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		
18676	94.2	414295	99.7	0 Uncoded & errors
1144	5.8	1380	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
19452	98.1	397080	95.5    0    Uncoded & errors
368	1.9	18595	4.5    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
19736	99.6	412177	99.2    0    Uncoded & errors
84	0.4	3498	0.8    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

SPECIAL CIRCUMSTANCES FLAG AS CODED OFFICER

Truck Prcnt	Census Prcnt	Code	Value and Description
143	0.7	6273	1.5    1    Pedestrian record present
19677	99.3	409402	98.5    2    No pedestrian record for crash

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
19761	99.7	412895	99.3    0    Uncoded & errors
59	0.3	2780	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
19815 100.0	415262 99.9	0	Uncoded & errors
5 0.0	413 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
19793 99.9	412761 99.3	0	Uncoded & errors
27 0.1	2914 0.7	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
19820 100.0	415452 99.9	0	Uncoded & errors
0 0.0	223 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
19781 99.8	415414 99.9	0	Uncoded & errors
39 0.2	261 0.1	1	This crash involved any 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
19797 99.9	415435 99.9	0	Uncoded & errors

Variable 57:FLAG: TRAIN ACCIDENT (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
23	0.1	240	0.1 1 Engineer record found

---

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	394861	95.0 0 Uncoded & errors
19820	100.0	20814	5.0 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
19530	98.5	411742	99.1 0 Uncoded & errors
290	1.5	3933	0.9 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
19820	100.0	415675	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
3927	19.8	89069	21.4 0 Uncoded & errors
15893	80.2	326606	78.6 1 This is a P.D. only crash (no injuries or deaths)

---

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
16040	80.9	327855	78.9 0 Uncoded & errors
3780	19.1	87820	21.1 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
19673	99.3	414426	99.7 0 Uncoded & errors
147	0.7	1249	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
15967	80.6	327203	78.7 0 None
2863	14.4	63110	15.2 1 One injured
699	3.5	17896	4.3 2 Two injured
198	1.0	5316	1.3 3 Three injured
41	0.2	1460	0.4 4 Four injured
21	0.1	448	0.1 5 Five injured
9	0.0	142	0.0 6 Six injured
6	0.0	52	0.0 7 Seven injured
4	0.0	20	0.0 8 Eight injured
			-
1	0.0	2	0.0 16 Sixteen injured

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

Truck Prcnt	Census Prcnt	Code Value and Description		
19673	99.3	414426	99.7	0 None
134	0.7	1132	0.3	1 One killed
9	0.0	101	0.0	2 Two killed
3	0.0	12	0.0	3 Three killed
1	0.0	4	0.0	4 Four killed

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

Truck Prcnt	Census Prcnt	Code Value and Description		
147	0.7	1249	0.3	1 Fatal
581	2.9	9957	2.4	2 A - incapacitating injury
954	4.8	22816	5.5	3 B - nonincapacitating injury
2245	11.3	55047	13.2	4 C - possible injury
15893	80.2	326606	78.6	5 No injury
0	0.0	0	0.0	9 Missing data

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

Truck Prcnt	Census Prcnt	Code Value and Description		
19673	99.3	414426	99.7	0 0 killed
134	0.7	1132	0.3	1 1 killed
9	0.0	101	0.0	2 2 killed
3	0.0	12	0.0	3 3 killed
1	0.0	4	0.0	4 4 killed

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

Truck Prcnt	Census Prcnt	Code Value and Description		
19204	96.9	405366	97.5	0 0 A-injured
514	2.6	8348	2.0	1 1 A-injured
74	0.4	1447	0.3	2 2 A-injured
19	0.1	375	0.1	3 3 A-injured
5	0.0	93	0.0	4 4 A-injured
1	0.0	24	0.0	5 5 A-injured
2	0.0	17	0.0	6 6 A-injured
0	0.0	3	0.0	7 7 A-injured
0	0.0	1	0.0	9 9 A-injured
1	0.0	1	0.0	11 11 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			
18758 94.6	390854 94.0	0	0	B-injured	
905 4.6	20581 5.0	1	1	B-injured	
123 0.6	3354 0.8	2	2	B-injured	
22 0.1	683 0.2	3	3	B-injured	
6 0.0	147 0.0	4	4	B-injured	
2 0.0	37 0.0	5	5	B-injured	
1 0.0	9 0.0	6	6	B-injured	
0 0.0	4 0.0	7	7	B-injured	
0 0.0	2 0.0	8	8	B-injured	
1 0.0	1 0.0	9	9	B-injured	
1 0.0	1 0.0	13	13	B-injured	
1 0.0	2 0.0	14	14	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			
17252 87.0	353011 84.9	0	0	C-injured	
2047 10.3	48349 11.6	1	1	C-injured	
385 1.9	11029 2.7	2	2	C-injured	
93 0.5	2520 0.6	3	3	C-injured	
19 0.1	579 0.1	4	4	C-injured	
9 0.0	119 0.0	5	5	C-injured	
5 0.0	42 0.0	6	6	C-injured	
5 0.0	14 0.0	7	7	C-injured	
2 0.0	6 0.0	8	8	C-injured	
1 0.0	3 0.0	9	9	C-injured	
1 0.0	1 0.0	10	10	C-injured	
1 0.0	1 0.0	11	11	C-injured	
0 0.0	1 0.0	16	16	C-injured	

---

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

---

Truck Prcnt	Census Prcnt	Code Value and Description			
15967 80.6	327203 78.7	0	0	injured	
2863 14.4	63110 15.2	1	1	injured	
699 3.5	17896 4.3	2	2	injured	
198 1.0	5316 1.3	3	3	injured	
41 0.2	1460 0.4	4	4	injured	
21 0.1	448 0.1	5	5	injured	
9 0.0	142 0.0	6	6	injured	
6 0.0	52 0.0	7	7	injured	
4 0.0	20 0.0	8	8	injured	
3 0.0	15 0.0	9	9	injured	



Variable 71:TOTAL INJURED IN ACC (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
1	0.0	2	0.0 10 10 injured
3	0.0	4	0.0 11 11 injured
2	0.0	2	0.0 12 12 injured
2	0.0	2	0.0 13 13 injured
0	0.0	1	0.0 14 14 injured
1	0.0	2	0.0 16 16 injured

---

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

---

TOTAL KILLED (v67) plus TOTAL INJURED (v71)

Truck Prcnt	Census Prcnt	Code	Value and Description
15893	80.2	326606	78.6 0 0 casualties
2888	14.6	63341	15.2 1 1 casualty
727	3.7	18059	4.3 2 2 casualties
207	1.0	5391	1.3 3 3 casualties
50	0.3	1536	0.4 4 4 casualties
22	0.1	482	0.1 5 5 casualties
10	0.1	146	0.0 6 6 casualties
7	0.0	63	0.0 7 7 casualties
4	0.0	22	0.0 8 8 casualties
3	0.0	16	0.0 9 9 casualties
1	0.0	2	0.0 10 10 casualties
2	0.0	3	0.0 11 11 casualties
2	0.0	2	0.0 12 12 casualties
2	0.0	2	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	2	0.0 16 16 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
1073	5.4	48715	11.7 0 0 persons
6970	35.2	186121	44.8 1 1 person
11183	56.4	170106	40.9 2 2 persons
511	2.6	9465	2.3 3 3 persons
57	0.3	1084	0.3 4 4 persons
19	0.1	146	0.0 5 5 persons
4	0.0	29	0.0 6 6 persons
1	0.0	5	0.0 7 7 persons
2	0.0	4	0.0 8 8 persons



The VEHICLE Variables

Variables 100 through 159 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
19820	51.8	415675	57.2 1 Unit one
16897	44.2	285405	39.3 2 Unit two
1210	3.2	21895	3.0 3 Unit three
221	0.6	3245	0.4 4 Unit four
75	0.2	566	0.1 5 Unit five
26	0.1	133	0.0 6 Unit six
14	0.0	47	0.0 7 Unit seven
5	0.0	14	0.0 8 Unit eight
3	0.0	6	0.0 9 Unit nine

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

Truck Prcnt	Census Prcnt	Code	Value and Description
409	1.1	28243	3.9 0 Uncoded & errors
12760	33.3	488789	67.2 1 Passenger & station wagon (PA)
1522	4.0	55373	7.6 2 Van, motorhome (VA)
2446	6.4	110631	15.2 3 Pickup (PU)
340	0.9	15333	2.1 4 Truck under 10,000 lbs. (ST)
27	0.1	2951	0.4 5 Cycle (CY)
4	0.0	268	0.0 6 Moped (MO)
0	0.0	17	0.0 7 Go-cart (GC)
5	0.0	464	0.1 8 Snowmobile (SM)
0	0.0	235	0.0 9 Off Road Vehicle-ORV/All Terrain Vehicle-ATV (OR)
89	0.2	3017	0.4 10 Other
20669	54.0	21665	3.0 11 CDL truck/Bus

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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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3263	8.5	3263	0.4	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.

8793	23.0	8793	1.2	1	Commercial truck AA (Group A vehicle)
237	0.6	237	0.0	2	Commercial truck AH (Group A vehicle, Hazardous)
232	0.6	232	0.0	3	Commercial truck AN (Group A vehicle, Tank)
124	0.3	124	0.0	4	Commercial truck AP (Group A vehicle, Passenger)
768	2.0	768	0.1	5	Commercial truck AT (Group A vehicle, Double/Triple)
207	0.5	207	0.0	6	Commercial truck AX (Group A vehicle, Tank & Hazardous)
49	0.1	49	0.0	7	Commercial truck AY (Group A vehicle, Tank & Double/Triple)
39	0.1	39	0.0	8	Commercial truck AZ (Group A vehicle, Hazardous, Double/Triple)
40	0.1	40	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.

3141	8.2	3141	0.4	10	Commercial truck BB (Group B)
62	0.2	62	0.0	11	Commercial truck BH (Group B, Hazardous)
109	0.3	109	0.0	12	Commercial truck BN (Group B, Tank)
1248	3.3	1248	0.2	13	Commercial truck BP (Group B, Passenger)
67	0.2	67	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.

87	0.2	87	0.0	15	Commercial truck CH (Group C, Hazardous)
494	1.3	494	0.1	16	Commercial truck CP (Group C, Passenger)
47	0.1	47	0.0	17	Commercial truck CX (Group C, Tank & Hazardous)
1213	3.2	1213	0.2	18	Other
18051	47.2	706766	97.2	98	Non-CDL vehicle, no truck supplement data



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

Truck Prcnt	Census Prcnt	Code Value and Description		
37815	98.8	722063	99.3	0 Uncoded & errors
142	0.4	1687	0.2	1 Brakes
43	0.1	404	0.1	2 Lights/reflectors
13	0.0	253	0.0	3 Steering
82	0.2	744	0.1	4 Tires/wheels
12	0.0	155	0.0	5 Windows
164	0.4	1680	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				
37400	97.7	722116	99.3	0 Uncoded & errors
239	0.6	2122	0.3	1 Utility
45	0.1	377	0.1	2 House
25	0.1	538	0.1	3 Boat
42	0.1	238	0.0	4 Farm
52	0.1	276	0.0	5 Towed auto
10	0.0	106	0.0	6 Recreational double
458	1.2	1213	0.2	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		
37	0.1	207	0.0	1 Alabama
2	0.0	45	0.0	2 Alaska
13	0.0	135	0.0	3 Arizona
10	0.0	86	0.0	4 Arkansas
26	0.1	331	0.0	5 California
9	0.0	152	0.0	6 Colorado
6	0.0	78	0.0	7 Connecticut
2	0.0	31	0.0	8 Delaware
0	0.0	8	0.0	9 District of Columbia
119	0.3	1271	0.2	10 Florida
62	0.2	328	0.0	11 Georgia
2	0.0	9	0.0	12 Hawaii
4	0.0	44	0.0	13 Idaho
1050	2.7	3264	0.4	14 Illinois
658	1.7	3006	0.4	15 Indiana
121	0.3	256	0.0	16 Iowa
10	0.0	76	0.0	17 Kansas

Variable 108:REGISTRATION STATE (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
36	0.1	18	Kentucky
4	0.0	19	Louisiana
22	0.1	20	Maine
12	0.0	21	Maryland
16	0.0	22	Massachusetts
32404	84.7	23	Michigan
78	0.2	24	Minnesota
14	0.0	25	Mississippi
81	0.2	26	Missouri
15	0.0	27	Montana
55	0.1	28	Nebraska
3	0.0	29	Nevada
2	0.0	30	New Hampshire
34	0.1	31	New Jersey
3	0.0	32	New Mexico
50	0.1	33	New York
80	0.2	34	North Carolina
5	0.0	35	North Dakota
881	2.3	36	Ohio
558	1.5	37	Oklahoma
40	0.1	38	Oregon
85	0.2	39	Pennsylvania
0	0.0	40	Puerto Rico
2	0.0	41	Rhode Island
15	0.0	42	South Carolina
9	0.0	43	South Dakota
244	0.6	44	Tennessee
71	0.2	45	Texas
17	0.0	46	Utah
4	0.0	47	Vermont
27	0.1	48	Virginia
9	0.0	49	Washington
12	0.0	50	West Virginia
326	0.9	51	Wisconsin
6	0.0	52	Wyoming
25	0.1	53	Alberta
7	0.0	54	British Columbia
20	0.1	55	Manitoba
7	0.0	56	New Brunswick
0	0.0	57	Newfoundland
0	0.0	58	Northwest Territories
4	0.0	59	Nova Scotia
746	1.9	60	Ontario
0	0.0	61	Prince Edward Island
66	0.2	62	Quebec
1	0.0	63	Saskatchewan
0	0.0	64	Yukon
0	0.0	65	Mexico
44	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		
1145	3.0	13677	1.9	0	Rollover
6627	17.3	187643	25.8	1	Front center
4180	10.9	88949	12.2	2	Front corner, passenger side
3140	8.2	47598	6.5	3	Side, passenger
2056	5.4	30473	4.2	4	Rear corner, passenger side
4000	10.5	95172	13.1	5	Rear center
2369	6.2	31330	4.3	6	Rear corner, driver side
3834	10.0	55385	7.6	7	Side, driver
4420	11.5	93498	12.9	8	Front corner, driver side
252	0.7	4461	0.6	9	Undercarriage
1001	2.6	14968	2.1	10	Multiple areas
1389	3.6	7277	1.0	11	Other/unknown
2018	5.3	10309	1.4	12	None
1840	4.8	46246	6.4	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		
6222	16.3	36530	5.0	0	No damage
13170	34.4	236503	32.5	1	Slight damage
6871	18.0	178954	24.6	2	Slight damage
4196	11.0	107823	14.8	3	Moderate damage
2333	6.1	56128	7.7	4	Moderate damage
1259	3.3	26023	3.6	5	Moderate damage
816	2.1	13835	1.9	6	Heavy damage
761	2.0	8951	1.2	7	Heavy damage, not repairable
2643	6.9	62239	8.6	9	Uncoded & errors, nonnumeric data

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

Truck Prcnt	Census Prcnt	Code	Value and Description		
2652	6.9	71174	9.8	0	Uncoded & errors
28389	74.2	493257	67.8	1	Yes
7230	18.9	162555	22.4	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 and Description	
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Truck Prcnt	Census Prcnt	Code	Description		
Driver/cyclist action					
1226	3.2	23376	3.2	0	Uncoded & errors
16731	43.7	369233	50.8	1	Going straight
2699	7.1	54094	7.4	2	Turning left
2606	6.8	20598	2.8	3	Turning right
4150	10.8	70433	9.7	4	Stopped on road
46	0.1	1042	0.1	5	In prior crash
1800	4.7	16591	2.3	6	Change lanes
1620	4.2	19476	2.7	7	Backing
2696	7.0	60572	8.3	8	Slowing/stopping on road
51	0.1	880	0.1	9	Slowing/stopping on other
649	1.7	13769	1.9	10	Starting up on road
21	0.1	414	0.1	11	Starting up on other
57	0.1	1043	0.1	12	Enter parking
109	0.3	2848	0.4	13	Leave parking
542	1.4	11487	1.6	14	Enter road
57	0.1	1410	0.2	15	Leave road
89	0.2	1744	0.2	16	U-turn
602	1.6	6383	0.9	17	Overtake/passing
53	0.1	1980	0.3	18	Avoiding object
10	0.0	175	0.0	19	Avoiding pedestrian
436	1.1	5715	0.8	20	Avoid vehicle (front/back)
172	0.4	2501	0.3	21	Avoid vehicle (angle)
45	0.1	584	0.1	22	Driverless moving
1609	4.2	31382	4.3	23	Parked
Pedestrian action					
21	0.1	1283	0.2	24	Crossing at intersection
13	0.0	1332	0.2	25	Crossing not at intersection
4	0.0	73	0.0	26	Getting on/off vehicle
5	0.0	277	0.0	27	In road with traffic
4	0.0	98	0.0	28	In road against traffic
7	0.0	160	0.0	29	Stand/lay in road
3	0.0	60	0.0	30	Push/work on vehicle
3	0.0	65	0.0	31	Other work in road
0	0.0	102	0.0	32	Playing in road
6	0.0	246	0.0	33	Other reason in road
10	0.0	224	0.0	34	Not in road
61	0.2	745	0.1	35	Other
58	0.2	4591	0.6	36	Unknown

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

Truck Prcnt	Census Prcnt	Code Value and Description	
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1042	2.7	31276	4.3	0	Uncoded & errors
9090	23.8	167441	23.0	1	East

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## Variable 113:DIRECTION OF TRAVEL (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
8968	23.4	174696	24.0 2 North
247	0.6	3755	0.5 3 Northeast
265	0.7	4161	0.6 4 Northwest
9163	23.9	173415	23.9 5 South
260	0.7	4073	0.6 6 Southeast
211	0.6	3498	0.5 7 Southwest
9025	23.6	164671	22.7 8 West
0	0.0	0	0.0 9 Unknown

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			
1212	3.2	22472	3.1 0 Uncoded & errors
2076	5.4	50330	6.9 1 Loss of control
387	1.0	7678	1.1 2 Cross center/median
205	0.5	5243	0.7 3 Ran off road left
456	1.2	11500	1.6 4 Ran off road right
23	0.1	461	0.1 5 Re-enter road
123	0.3	1038	0.1 6 Overturn
314	0.8	3902	0.5 7 Separation of units
119	0.3	2157	0.3 8 Fire/explosion
2	0.0	89	0.0 9 Immersion
101	0.3	604	0.1 10 Jackknife
20	0.1	189	0.0 11 Downhill runaway
414	1.1	1303	0.2 12 Cargo loss/shift
16	0.0	277	0.0 13 Individual fell off
555	1.5	5795	0.8 14 Other noncollision
Collision With Nonfixed Object			
62	0.2	3115	0.4 15 Pedestrian
37	0.1	2707	0.4 16 Pedalcycle
28447	74.3	505048	69.5 17 Motor-vehicle in transport
1147	3.0	20916	2.9 18 Parked vehicle
21	0.1	204	0.0 19 Railway train
681	1.8	65375	9.0 20 Animal
852	2.2	6317	0.9 21 Other nonfixed object
Collision With Fixed Object			
162	0.4	335	0.0 22 Bridge pier or abutment
27	0.1	486	0.1 23 Bridge parapet end
20	0.1	123	0.0 24 Bridge rail
12	0.0	429	0.1 25 Guardrail face
10	0.0	68	0.0 26 Guardrail end
14	0.0	465	0.1 27 Median barrier
41	0.1	519	0.1 28 Traffic sign post

Variable 114:HARMFUL EVENT #1 (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
17	0.0	29	Signal post
52	0.1	30	Luminaire support
124	0.3	31	Utility pole
33	0.1	32	Other pole
1	0.0	33	Culvert
44	0.1	34	Curb
21	0.1	35	Ditch
7	0.0	36	Embankment
10	0.0	37	Fence
12	0.0	38	Mailbox
46	0.1	39	Tree
39	0.1	40	Rail crossing signal
17	0.0	41	Building
1	0.0	42	Traffic island
33	0.1	43	Fire hydrant
1	0.0	44	Impact attenuator/crash cushion
257	0.7	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			
33278	87.0	628543	86.5    0    Uncoded & errors
366	1.0	5828	0.8    1    Loss of control
194	0.5	4281	0.6    2    Cross center/median
249	0.7	9765	1.3    3    Ran off road left
332	0.9	13210	1.8    4    Ran off road right
42	0.1	903	0.1    5    Re-enter road
168	0.4	2511	0.3    6    Overturn
120	0.3	1567	0.2    7    Separation of units
16	0.0	190	0.0    8    Fire/explosion
1	0.0	49	0.0    9    Immersion
146	0.4	271	0.0    10    Jackknife
6	0.0	31	0.0    11    Downhill runaway
53	0.1	114	0.0    12    Cargo loss/shift
3	0.0	238	0.0    13    Individual fell off
33	0.1	501	0.1    14    Other noncollision
Collision With Nonfixed Object			
15	0.0	297	0.0    15    Pedestrian
3	0.0	127	0.0    16    Pedalcycle
2320	6.1	28978	4.0    17    Motor-vehicle in transport
143	0.4	2655	0.4    18    Parked vehicle
1	0.0	22	0.0    19    Railway train
11	0.0	660	0.1    20    Animal
46	0.1	1017	0.1    21    Other nonfixed object

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Variable 115:HARMFUL EVENT #2 (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
Collision With Fixed Object			
12	0.0	276	0.0 22 Bridge pier or abutment
4	0.0	61	0.0 23 Bridge parapet end
23	0.1	286	0.0 24 Bridge rail
61	0.2	1628	0.2 25 Guardrail face
9	0.0	241	0.0 26 Guardrail end
99	0.3	1969	0.3 27 Median barrier
48	0.1	1615	0.2 28 Traffic sign post
7	0.0	136	0.0 29 Signal post
20	0.1	334	0.0 30 Luminaire support
64	0.2	1730	0.2 31 Utility pole
18	0.0	653	0.1 32 Other pole
7	0.0	353	0.0 33 Culvert
86	0.2	3034	0.4 34 Curb
98	0.3	3756	0.5 35 Ditch
31	0.1	1000	0.1 36 Embankment
14	0.0	802	0.1 37 Fence
12	0.0	1508	0.2 38 Mailbox
33	0.1	3515	0.5 39 Tree
5	0.0	31	0.0 40 Rail crossing signal
4	0.0	367	0.1 41 Building
1	0.0	43	0.0 42 Traffic island
18	0.0	281	0.0 43 Fire hydrant
1	0.0	24	0.0 44 Impact attenuator/crash cushion
50	0.1	1585	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			
36463	95.3	683814	94.1 0 Uncoded & errors
24	0.1	696	0.1 1 Loss of control
30	0.1	505	0.1 2 Cross center/median
125	0.3	3107	0.4 3 Ran off road left
112	0.3	2111	0.3 4 Ran off road right
76	0.2	1244	0.2 5 Re-enter road
159	0.4	5329	0.7 6 Overturn
43	0.1	519	0.1 7 Separation of units
5	0.0	216	0.0 8 Fire/explosion
4	0.0	282	0.0 9 Immersion
70	0.2	120	0.0 10 Jackknife
1	0.0	9	0.0 11 Downhill runaway
21	0.1	51	0.0 12 Cargo loss/shift
3	0.0	147	0.0 13 Individual fell off
7	0.0	119	0.0 14 Other noncollision

Variable 116:HARMFUL EVENT #3 (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
Collision With Nonfixed Object			
4	0.0	72	0.0 15 Pedestrian
1	0.0	15	0.0 16 Pedalcycle
532	1.4	5437	0.7 17 Motor-vehicle in transport
28	0.1	743	0.1 18 Parked vehicle
0	0.0	8	0.0 19 Railway train
0	0.0	17	0.0 20 Animal
19	0.0	420	0.1 21 Other nonfixed object
Collision With Fixed Object			
16	0.0	180	0.0 22 Bridge pier or abutment
2	0.0	29	0.0 23 Bridge parapet end
5	0.0	143	0.0 24 Bridge rail
48	0.1	1092	0.2 25 Guardrail face
8	0.0	205	0.0 26 Guardrail end
79	0.2	948	0.1 27 Median barrier
29	0.1	1322	0.2 28 Traffic sign post
6	0.0	119	0.0 29 Signal post
9	0.0	226	0.0 30 Luminaire support
25	0.1	1263	0.2 31 Utility pole
12	0.0	503	0.1 32 Other pole
6	0.0	398	0.1 33 Culvert
30	0.1	963	0.1 34 Curb
104	0.3	4454	0.6 35 Ditch
35	0.1	1262	0.2 36 Embankment
23	0.1	940	0.1 37 Fence
13	0.0	1129	0.2 38 Mailbox
48	0.1	4985	0.7 39 Tree
2	0.0	15	0.0 40 Rail crossing signal
2	0.0	337	0.0 41 Building
2	0.0	27	0.0 42 Traffic island
9	0.0	245	0.0 43 Fire hydrant
0	0.0	6	0.0 44 Impact attenuator/crash cushion
31	0.1	1214	0.2 45 Other fixed object

---

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

---

FOURTH EVENT CAUSING INJURY OR PROPERTY DAMAGE

Truck Prcnt	Census Prcnt	Code	Value and Description
Noncollision Event			
37621	98.3	711399	97.9 0 Uncoded & errors
4	0.0	233	0.0 1 Loss of control
3	0.0	72	0.0 2 Cross center/median
26	0.1	351	0.0 3 Ran off road left
33	0.1	304	0.0 4 Ran off road right
11	0.0	279	0.0 5 Re-enter road
73	0.2	2954	0.4 6 Overturn

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

Truck Prcnt	Census Prcnt	Code	Value and Description
5	0.0	71	0.0 7 Separation of units
3	0.0	88	0.0 8 Fire/explosion
0	0.0	51	0.0 9 Immersion
12	0.0	29	0.0 10 Jackknife
0	0.0	2	0.0 11 Downhill runaway
12	0.0	28	0.0 12 Cargo loss/shift
0	0.0	95	0.0 13 Individual fell off
0	0.0	34	0.0 14 Other noncollision
			Collision With Nonfixed Object
0	0.0	37	0.0 15 Pedestrian
0	0.0	5	0.0 16 Pedalcycle
187	0.5	2009	0.3 17 Motor-vehicle in transport
18	0.0	315	0.0 18 Parked vehicle
0	0.0	1	0.0 19 Railway train
0	0.0	115	0.0 20 Animal
8	0.0	116	0.0 21 Other nonfixed object
			Collision With Fixed Object
3	0.0	63	0.0 22 Bridge pier or abutment
0	0.0	25	0.0 23 Bridge parapet end
4	0.0	49	0.0 24 Bridge rail
23	0.1	325	0.0 25 Guardrail face
3	0.0	54	0.0 26 Guardrail end
30	0.1	222	0.0 27 Median barrier
8	0.0	330	0.0 28 Traffic sign post
1	0.0	25	0.0 29 Signal post
1	0.0	70	0.0 30 Luminaire support
17	0.0	503	0.1 31 Utility pole
3	0.0	155	0.0 32 Other pole
5	0.0	157	0.0 33 Culvert
5	0.0	129	0.0 34 Curb
58	0.2	1783	0.2 35 Ditch
20	0.1	485	0.1 36 Embankment
11	0.0	468	0.1 37 Fence
9	0.0	286	0.0 38 Mailbox
32	0.1	2381	0.3 39 Tree
1	0.0	3	0.0 40 Rail crossing signal
5	0.0	243	0.0 41 Building
0	0.0	3	0.0 42 Traffic island
0	0.0	77	0.0 43 Fire hydrant
1	0.0	6	0.0 44 Impact attenuator/crash cushion
15	0.0	556	0.1 45 Other fixed object

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
6995	18.3	135053	18.6 0 Uncoded & errors
31276	81.7	591933	81.4 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
35657	93.2	682499	93.9 0 Uncoded & errors
2614	6.8	44487	6.1 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
37445	97.8	702770	96.7 0 Uncoded & errors
826	2.2	24216	3.3 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
37983	99.2	717636	98.7 0 Uncoded & errors
288	0.8	9350	1.3 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			
133	0.3	2825	0.4 0 Uncoded & errors
304	0.8	6492	0.9 1 Loss of control
50	0.1	1751	0.2 2 Cross center/median
58	0.2	1111	0.2 3 Ran off road left
90	0.2	1584	0.2 4 Ran off road right
11	0.0	414	0.1 5 Re-enter road
337	0.9	8560	1.2 6 Overturn
221	0.6	3191	0.4 7 Separation of units
51	0.1	1057	0.1 8 Fire/explosion
3	0.0	286	0.0 9 Immersion
164	0.4	402	0.1 10 Jackknife
8	0.0	85	0.0 11 Downhill runaway
314	0.8	962	0.1 12 Cargo loss/shift
17	0.0	410	0.1 13 Individual fell off
280	0.7	2291	0.3 14 Other noncollision
Collision With Nonfixed Object			
58	0.2	2939	0.4 15 Pedestrian
33	0.1	2579	0.4 16 Pedalcycle
28561	74.6	497178	68.4 17 Motor-vehicle in transport
1184	3.1	21102	2.9 18 Parked vehicle
17	0.0	164	0.0 19 Railway train
620	1.6	62686	8.6 20 Animal
817	2.1	6489	0.9 21 Other nonfixed object
Collision With Fixed Object			
172	0.4	673	0.1 22 Bridge pier or abutment
25	0.1	403	0.1 23 Bridge parapet end
31	0.1	410	0.1 24 Bridge rail
67	0.2	2601	0.4 25 Guardrail face
15	0.0	427	0.1 26 Guardrail end
112	0.3	2669	0.4 27 Median barrier
75	0.2	2283	0.3 28 Traffic sign post
23	0.1	266	0.0 29 Signal post
62	0.2	577	0.1 30 Luminaire support
169	0.4	3334	0.5 31 Utility pole
42	0.1	1048	0.1 32 Other pole
11	0.0	660	0.1 33 Culvert
23	0.1	1792	0.2 34 Curb
152	0.4	6924	1.0 35 Ditch
46	0.1	1853	0.3 36 Embankment
20	0.1	1385	0.2 37 Fence
21	0.1	2061	0.3 38 Mailbox
120	0.3	9870	1.4 39 Tree
41	0.1	132	0.0 40 Rail crossing signal
23	0.1	822	0.1 41 Building
1	0.0	44	0.0 42 Traffic island



Variable 122: MOST HARMFUL EVENT (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
45	0.1	533 0.1	43 Fire hydrant
1	0.0	32 0.0	44 Impact attenuator/crash cushion
288	0.8	3360 0.5	45 Other fixed object
3355	8.8	58269 8.0	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
18634	48.7	370135 50.9	0 None
1611	4.2	38205 5.3	1 Speed too fast
45	0.1	1243 0.2	2 Speed too slow
2382	6.2	66279 9.1	3 Fail to yield
643	1.7	16843 2.3	4 Traffic control
22	0.1	639 0.1	5 Wrong way
325	0.8	4512 0.6	6 Left of center
568	1.5	5180 0.7	7 Improper passing
1946	5.1	16193 2.2	8 Improper lane usage
1093	2.9	9029 1.2	9 Improper turn
67	0.2	981 0.1	10 Improper signal
1318	3.4	14522 2.0	11 Improper backing
3527	9.2	94893 13.1	12 Clear distance
3492	9.1	39937 5.5	13 Other
1427	3.7	19365 2.7	14 Unknown
1171	3.1	29030 4.0	99 Uncoded & errors, nonnumeric data

---

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

Truck Prcnt	Census Prcnt	Code	Value and Description
31783	83.0	594855 81.8	0 Uncoded & errors
6488	17.0	132131 18.2	1 Yes

---

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

Truck Prcnt	Census Prcnt	Code	Value and Description
36972	96.6	698027 96.0	0 Uncoded & errors
1299	3.4	28959 4.0	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		
7965	20.8	165613	22.8	0 Uncoded & errors
370	1.0	18885	2.6	1 Yes
29936	78.2	542488	74.6	2 No

---

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

---

Truck Prcnt	Census Prcnt	Code Value and Description		
26043	68.0	493738	67.9	0 Uncoded & errors
24	0.1	1271	0.2	1 Refused
12204	31.9	231977	31.9	2 Not offered

---

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

---

Truck Prcnt	Census Prcnt	Code Value and Description		
38145	99.7	722398	99.4	0 Uncoded & errors
126	0.3	4588	0.6	1 Yes

---

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

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Truck Prcnt	Census Prcnt	Code Value and Description		
37524	98.0	713197	98.1	0 Uncoded & errors
747	2.0	13789	1.9	1 Yes

---

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

---

Truck Prcnt	Census Prcnt	Code Value and Description		
38096	99.5	719983	99.0	0 Uncoded & errors
175	0.5	7003	1.0	1 Yes



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Variable 134:CMPTD NUMBER FATAL (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
11	0.0	87	0.0 2 2 killed
1	0.0	4	0.0 3 3 killed
1	0.0	4	0.0 4 4 killed

---

Variable 135      CMPTD 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
33852	88.5	622215	85.6 0 0 injured
3742	9.8	88925	12.2 1 1 injured
515	1.3	12689	1.7 2 2 injured
123	0.3	2660	0.4 3 3 injured
15	0.0	316	0.0 4 4 injured
6	0.0	119	0.0 5 5 injured
3	0.0	29	0.0 6 6 injured
5	0.0	16	0.0 7 7 injured
1	0.0	6	0.0 8 8 injured
4	0.0	4	0.0 9 9 injured
2	0.0	2	0.0 11 11 injured
2	0.0	2	0.0 12 12 injured
1	0.0	2	0.0 14 14 injured
0	0.0	1	0.0 15 15 injured

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

TDC COMPUTED WORST INJURY IN TRAFFIC UNIT

Truck Prcnt	Census Prcnt	Code	Value and Description
149	0.4	1279	0.2 1 Fatal
619	1.6	10982	1.5 2 A - incapacitating injury
1060	2.8	25581	3.5 3 B - nonincapacitating injury
2708	7.1	67847	9.3 4 C - possible injury
33735	88.1	621297	85.5 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

Truck Prcnt	Census Prcnt	Code	Value and Description
38122	99.6	725707	99.8 0 0 killed
136	0.4	1184	0.2 1 1 killed
11	0.0	87	0.0 2 2 killed
1	0.0	4	0.0 3 3 killed
1	0.0	4	0.0 4 4 killed

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

TDC COMPUTED TOTAL A-INJURED IN TRAFFIC UNIT

Truck Prcnt	Census Prcnt	Code	Value and Description
37624	98.3	715768	98.5 0 0 A-injured
565	1.5	9803	1.3 1 1 A-injured
61	0.2	1146	0.2 2 2 A-injured
15	0.0	206	0.0 3 3 A-injured
2	0.0	41	0.0 4 4 A-injured
2	0.0	13	0.0 5 5 A-injured
1	0.0	7	0.0 6 6 A-injured
0	0.0	1	0.0 7 7 A-injured
1	0.0	1	0.0 11 11 A-injured

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

TDC COMPUTED TOTAL B-INJURED IN TRAFFIC UNIT

Truck Prcnt	Census Prcnt	Code	Value and Description
37151	97.1	700232	96.3 0 0 B-injured
1001	2.6	23842	3.3 1 1 B-injured
97	0.3	2467	0.3 2 2 B-injured
14	0.0	361	0.0 3 3 B-injured
4	0.0	57	0.0 4 4 B-injured
0	0.0	18	0.0 5 5 B-injured
1	0.0	2	0.0 6 6 B-injured
0	0.0	2	0.0 7 7 B-injured
0	0.0	1	0.0 8 8 B-injured
1	0.0	1	0.0 9 9 B-injured
1	0.0	1	0.0 12 12 B-injured
1	0.0	1	0.0 13 13 B-injured
0	0.0	1	0.0 14 14 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

Truck Prcnt	Census Prcnt	Code Value and Description			
35428	92.6	655611	90.2	0	0 C-injured
2489	6.5	62974	8.7	1	1 C-injured
282	0.7	7082	1.0	2	2 C-injured
52	0.1	1175	0.2	3	3 C-injured
5	0.0	90	0.0	4	4 C-injured
4	0.0	33	0.0	5	5 C-injured
3	0.0	9	0.0	6	6 C-injured
5	0.0	7	0.0	7	7 C-injured
2	0.0	3	0.0	8	8 C-injured
1	0.0	1	0.0	10	10 C-injured
0	0.0	1	0.0	15	15 C-injured

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

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TDC COMPUTED TOTAL INJURED IN TRAFFIC UNIT

Truck Prcnt	Census Prcnt	Code Value and Description			
33852	88.5	622215	85.6	0	0 injured
3742	9.8	88925	12.2	1	1 injured
515	1.3	12689	1.7	2	2 injured
123	0.3	2660	0.4	3	3 injured
15	0.0	316	0.0	4	4 injured
6	0.0	119	0.0	5	5 injured
3	0.0	29	0.0	6	6 injured
5	0.0	16	0.0	7	7 injured
1	0.0	6	0.0	8	8 injured
4	0.0	4	0.0	9	9 injured
2	0.0	2	0.0	11	11 injured
2	0.0	2	0.0	12	12 injured
1	0.0	2	0.0	14	14 injured
0	0.0	1	0.0	15	15 injured

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

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

Truck Prcnt	Census Prcnt	Code Value and Description			
33735	88.1	621297	85.5	0	0 casualties
3831	10.0	89557	12.3	1	1 casualty
533	1.4	12858	1.8	2	2 casualties
127	0.3	2734	0.4	3	3 casualties

Variable 142:TU TOTAL CASUALTIES (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
19	0.0	345	0.0 4 4 casualties
8	0.0	130	0.0 5 5 casualties
3	0.0	31	0.0 6 6 casualties
5	0.0	17	0.0 7 7 casualties
1	0.0	5	0.0 8 8 casualties
3	0.0	4	0.0 9 9 casualties
3	0.0	3	0.0 11 11 casualties
2	0.0	2	0.0 12 12 casualties
1	0.0	1	0.0 14 14 casualties
0	0.0	2	0.0 15 15 casualties

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

TDC COMPUTED TOTAL UNINJURED IN TRAFFIC UNIT

Truck Prcnt	Census Prcnt	Code	Value and Description
5126	13.4	109790	15.1 0 0 persons
25407	66.4	427320	58.8 1 1 person
3845	10.0	104281	14.3 2 2 persons
884	2.3	29211	4.0 3 3 persons
439	1.1	11871	1.6 4 4 persons
190	0.5	3720	0.5 5 5 persons
110	0.3	1017	0.1 6 6 persons
882	2.3	1795	0.2 7 7 or more persons
1388	3.6	37981	5.2 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

Truck Prcnt	Census Prcnt	Code	Value and Description
37156	97.1	698955	96.1 1 1 person record
873	2.3	23220	3.2 2 2 person records
191	0.5	4182	0.6 3 3 person records
18	0.0	394	0.1 4 4 person records
12	0.0	159	0.0 5 5 person records
4	0.0	35	0.0 6 6 person records
5	0.0	19	0.0 7 7 person records

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

Truck Prcnt	Census Prcnt	Code Value and Description		
19820	51.8	415675	57.2	1 Unit #1
				-
3	0.0	6	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		
37993	99.3	718639	98.9	1 Left front, in-line vehicle driver, Uncoded & errors
4	0.0	67	0.0	2 Center front
55	0.1	318	0.0	3 Right front
28	0.1	748	0.1	4 Left rear, in-line vehicle passenger #1
1	0.0	34	0.0	5 Center rear
2	0.0	6	0.0	6 Right rear
2	0.0	19	0.0	7 Left rear 3rd seat, in-line veh passenger #2
1	0.0	6	0.0	8 Center rear 3rd seat
3	0.0	38	0.0	9 Right rear 3rd seat
2	0.0	96	0.0	10 In sleeper
1	0.0	35	0.0	11 Other enclosed area
2	0.0	7	0.0	12 Other unenclosed area
1	0.0	5	0.0	13 In/on trailing unit
0	0.0	15	0.0	14 On vehicle exterior
17	0.0	360	0.0	15 Unknown
58	0.2	2797	0.4	50 (B) Bicyclist
10	0.0	119	0.0	51 (E) Engineer
91	0.2	3677	0.5	52 (P) Pedestrian

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

Truck Prcnt	Census Prcnt	Code Value and Description		
8608	22.5	113764	15.6	0 Uncoded & errors
188	0.5	3051	0.4	1 No belts available
104	0.3	1670	0.2	2 Shoulder only used
1098	2.9	3980	0.5	3 Lap only used
26135	68.3	564221	77.6	4 Both lap & shoulder used
1003	2.6	16711	2.3	5 No belts used
2	0.0	40	0.0	6 Child restraint used
3	0.0	60	0.0	7 Child restraint not used, unavailable or improper use
7	0.0	97	0.0	8 Restraint failed
1088	2.8	19755	2.7	9 Restraint use unknown
16	0.0	2435	0.3	10 Helmet worn



Variable 147:DRIVER RESTRAINT (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
17	0.0	11	Helmet not worn
2	0.0	12	Helmet use unknown

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

Truck Prcnt	Census Prcnt	Code	Value and Description
5598	14.6	0	Uncoded & errors
986	2.6	1	Deployed
11862	31.0	2	Not deployed
19825	51.8	3	Not available

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

Truck Prcnt	Census Prcnt	Code	Value and Description
38218	99.9	0	Uncoded & errors
53	0.1	1	Yes

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

Truck Prcnt	Census Prcnt	Code	Value and Description
38072	99.5	0	Uncoded & errors
199	0.5	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
49	0.1	1	Alabama
6	0.0	2	Alaska
26	0.1	3	Arizona
49	0.1	4	Arkansas
53	0.1	5	California
22	0.1	6	Colorado
3	0.0	7	Connecticut
5	0.0	8	Delaware

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## Variable 151:DRIVER LICENSE STATE (Continued)

Truck	Prcnt	Census	Prcnt	Code	Value and Description
0	0.0	14	0.0	9	District of Columbia
149	0.4	1553	0.2	10	Florida
53	0.1	346	0.0	11	Georgia
5	0.0	29	0.0	12	Hawaii
4	0.0	36	0.0	13	Idaho
507	1.3	2523	0.3	14	Illinois
510	1.3	2654	0.4	15	Indiana
64	0.2	181	0.0	16	Iowa
17	0.0	95	0.0	17	Kansas
108	0.3	351	0.0	18	Kentucky
24	0.1	115	0.0	19	Louisiana
11	0.0	25	0.0	20	Maine
21	0.1	142	0.0	21	Maryland
16	0.0	131	0.0	22	Massachusetts
33589	87.8	703709	96.8	23	Michigan
44	0.1	316	0.0	24	Minnesota
25	0.1	132	0.0	25	Mississippi
78	0.2	308	0.0	26	Missouri
6	0.0	48	0.0	27	Montana
22	0.1	60	0.0	28	Nebraska
7	0.0	85	0.0	29	Nevada
9	0.0	34	0.0	30	New Hampshire
16	0.0	164	0.0	31	New Jersey
9	0.0	40	0.0	32	New Mexico
76	0.2	456	0.1	33	New York
68	0.2	308	0.0	34	North Carolina
8	0.0	47	0.0	35	North Dakota
808	2.1	3985	0.5	36	Ohio
39	0.1	132	0.0	37	Oklahoma
8	0.0	87	0.0	38	Oregon
126	0.3	489	0.1	39	Pennsylvania
0	0.0	3	0.0	40	Puerto Rico
2	0.0	17	0.0	41	Rhode Island
25	0.1	143	0.0	42	South Carolina
10	0.0	45	0.0	43	South Dakota
124	0.3	516	0.1	44	Tennessee
152	0.4	753	0.1	45	Texas
11	0.0	68	0.0	46	Utah
3	0.0	21	0.0	47	Vermont
31	0.1	272	0.0	48	Virginia
13	0.0	115	0.0	49	Washington
36	0.1	99	0.0	50	West Virginia
268	0.7	1754	0.2	51	Wisconsin
6	0.0	24	0.0	52	Wyoming
13	0.0	28	0.0	53	Alberta
10	0.0	25	0.0	54	British Columbia
19	0.0	39	0.0	55	Manitoba
4	0.0	11	0.0	56	New Brunswick
0	0.0	0	0.0	57	Newfoundland
0	0.0	1	0.0	58	Northwest Territories
4	0.0	6	0.0	59	Nova Scotia
785	2.1	2152	0.3	60	Ontario

Variable 151:DRIVER LICENSE STATE (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
0	0.0	61	Prince Edward Island
78	0.2	62	Quebec
1	0.0	63	Saskatchewan
0	0.0	64	Yukon
0	0.0	65	Mexico
36	0.1	99	Sanitized, nonnumeric data

---

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

---

Truck Prcnt	Census Prcnt	Code	Value and Description
4446	11.6	0	None
16805	43.9	1	Operators license
16513	43.1	2	Chauffeurs license
25	0.1	3	Moped license
474	1.2	4	Operators & Chauffeurs license
3	0.0	5	Operators & Moped license
3	0.0	6	Chauffeurs & Moped license
2	0.0	7	Operators, Chauffeurs, & Moped license

---

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

---

Truck Prcnt	Census Prcnt	Code	Value and Description
36488	95.3	0	No cycle (uncoded & errors)
1783	4.7	1	Cycle

---

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

---

Truck Prcnt	Census Prcnt	Code	Value and Description
38219	99.9	0	No farm (uncoded & errors)
52	0.1	1	Farm

STATE OF MICHIGAN  
1999 - Vehicle/Driver

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
38107	99.6	725531	99.8 0 No recreational double (uncoded & errors)
164	0.4	1455	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
6	0.0	132	0.0 0 Less than 1 year old
		-	
0	0.0	1	0.0 100 100 years old
0	0.0	1	0.0 330
0	0.0	1	0.0 342
7957	20.8	100992	13.9 999 DOB bad

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

Truck Prcnt	Census Prcnt	Code	Value and Description
26370	68.9	388999	53.5 1 Male
8818	23.0	267618	36.8 2 Female
3083	8.1	70369	9.7 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
2998	7.8	74855	10.3 0 Uncoded & errors
132	0.3	1062	0.1 1 Killed
542	1.4	9441	1.3 2 Incapacitating injury
940	2.5	21811	3.0 3 Nonincapacitating injury
2420	6.3	59782	8.2 4 Possible injury
31239	81.6	560035	77.0 5 No injury

Variable 160      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
5487	14.3	0 Uncoded & errors
8916	23.3	1 A
2380	6.2	2 B
2524	6.6	3 C
913	2.4	4 None
18051	47.2	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
18300	47.8	0 Uncoded & errors
1920	5.0	1 Yes
18051	47.2	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
19287	50.4	0 Uncoded & errors
933	2.4	1 Yes
18051	47.2	8 Non-CDL vehicle, no data

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1999 - Truck

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
18570	48.5	0 Uncoded & errors
1650	4.3	1 Yes
18051	47.2	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
17486	45.7	0 Uncoded & errors
2734	7.1	1 Yes
18051	47.2	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
18596	48.6	0 Uncoded & errors
1624	4.2	1 Yes
18051	47.2	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
19887	52.0	0 Uncoded & errors
103	0.3	1 Farm
0	0.0	2 Other

Variable 206:CDL EXEMPT (Continued)

Truck Prcnt	Census Prcnt	Code Value and Description
18051 47.2		8 Non-CDL vehicle, no data
230 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
6534 17.1		0 Uncoded & errors
11552 30.2		1 Yes
2134 5.6		2 No
18051 47.2		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
20116 52.6		0 Uncoded & errors
104 0.3		1 Yes
18051 47.2		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
20160 52.7		0 Uncoded & errors
60 0.2		1 Yes
18051 47.2		8 Non-CDL vehicle, no data

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1999 - Truck

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
20209	52.8	0 Uncoded & errors
11	0.0	1 Yes
18051	47.2	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
20214	52.8	0 Uncoded & errors
6	0.0	1 Yes
18051	47.2	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
20217	52.8	0 Uncoded & errors
3	0.0	1 Yes
18051	47.2	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
36	0.1	1 Alabama
4	0.0	2 Alaska
33	0.1	3 Arizona
49	0.1	4 Arkansas
23	0.1	5 California
17	0.0	6 Colorado
5	0.0	7 Connecticut



Variable 213:CDL LICENSE STATE (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
15	0.0	8	Delaware
1	0.0	9	District of Columbia
115	0.3	10	Florida
72	0.2	11	Georgia
0	0.0	12	Hawaii
2	0.0	13	Idaho
862	2.3	14	Illinois
621	1.6	15	Indiana
112	0.3	16	Iowa
24	0.1	17	Kansas
29	0.1	18	Kentucky
7	0.0	19	Louisiana
10	0.0	20	Maine
26	0.1	21	Maryland
8	0.0	22	Massachusetts
14904	38.9	23	Michigan
108	0.3	24	Minnesota
15	0.0	25	Mississippi
98	0.3	26	Missouri
17	0.0	27	Montana
61	0.2	28	Nebraska
0	0.0	29	Nevada
3	0.0	30	New Hampshire
67	0.2	31	New Jersey
0	0.0	32	New Mexico
36	0.1	33	New York
71	0.2	34	North Carolina
8	0.0	35	North Dakota
790	2.1	36	Ohio
362	0.9	37	Oklahoma
25	0.1	38	Oregon
130	0.3	39	Pennsylvania
0	0.0	40	Puerto Rico
0	0.0	41	Rhode Island
14	0.0	42	South Carolina
9	0.0	43	South Dakota
188	0.5	44	Tennessee
93	0.2	45	Texas
15	0.0	46	Utah
2	0.0	47	Vermont
41	0.1	48	Virginia
5	0.0	49	Washington
6	0.0	50	West Virginia
280	0.7	51	Wisconsin
4	0.0	52	Wyoming
30	0.1	53	Alberta
6	0.0	54	British Columbia
25	0.1	55	Manitoba
4	0.0	56	New Brunswick
0	0.0	57	Newfoundland
0	0.0	58	Northwest Territories
4	0.0	59	Nova Scotia

STATE OF MICHIGAN  
1999 - Truck

Variable 213:CDL LICENSE STATE (Continued)

Truck Prcnt	Census Prcnt	Code Value and Description
626	1.6	60 Ontario
0	0.0	61 Prince Edward Island
70	0.2	62 Quebec
3	0.0	63 Saskatchewan
0	0.0	64 Yukon
0	0.0	65 Mexico
18051	47.2	98 Non-CDL vehicle, no data
29	0.1	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
6151	16.1	0 Uncoded & errors
8318	21.7	1 Papers
2420	6.3	2 Log
331	0.9	3 Driver
3000	7.8	4 Markings
18051	47.2	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
9252	24.2	0 Uncoded & errors
5220	13.6	1 Interstate only
5748	15.0	2 Intrastate
18051	47.2	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  
1999 - Truck

---

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	<u>UNIT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

Truck Prcnt	Census Prcnt	Code Value and Description		
0	0.0	0	0.0	0 Uncoded & errors
20522	51.6	433170	56.9	1 Unit one
17610	44.3	300675	39.5	2 Unit two
1292	3.2	22870	3.0	3 Unit three
237	0.6	3362	0.4	4 Unit four
80	0.2	593	0.1	5 Unit five
27	0.1	139	0.0	6 Unit six
14	0.0	47	0.0	7 Unit seven
5	0.0	14	0.0	8 Unit eight
3	0.0	7	0.0	9 Unit nine

---

Variable 301	<u>PERSON NUMBER</u>	Width: 3	Type: Numeric
		Dec: None	Miss: None

---

Truck Prcnt	Census Prcnt	Code Value and Description		
1115	2.8	28031	3.7	1
				- Person number
0	0.0	2	0.0	15
38271	96.2	726986	95.5	995 Driver record

---

Variable 302	<u>PERSON POSITION</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

Truck Prcnt	Census Prcnt	Code Value and Description		
38038	95.6	719489	94.6	1 Left front, in-line vehicle driver, uncoded & errors
40	0.1	961	0.1	2 Center front
752	1.9	21407	2.8	3 Right front
145	0.4	4154	0.5	4 Left rear, in-line vehicle passenger #1
46	0.1	1199	0.2	5 Center rear
130	0.3	3551	0.5	6 Right rear
43	0.1	533	0.1	7 Left rear 3rd seat, in-line vehicle passenger #2
16	0.0	250	0.0	8 Center rear 3rd seat

STATE OF MICHIGAN  
1999 - Person Injury

Variable 302:PERSON POSITION (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
33	0.1	615	0.1 9 Right rear 3rd seat
19	0.0	117	0.0 10 In sleeper
190	0.5	315	0.0 11 Other enclosed area
10	0.0	64	0.0 12 Other unenclosed area
1	0.0	18	0.0 13 In/on trailing unit
6	0.0	63	0.0 14 On vehicle exterior
61	0.2	500	0.1 15 Unknown
58	0.1	2797	0.4 50 (B) Bicyclist
10	0.0	119	0.0 51 (E) Engineer
91	0.2	3677	0.5 52 (P) Pedestrian
101	0.3	1048	0.1 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
8719	21.9	115168	15.1 0 Uncoded & errors
468	1.2	3963	0.5 1 No belts available
106	0.3	1817	0.2 2 Shoulder only used
1164	2.9	5585	0.7 3 Lap only used
26833	67.4	585686	77.0 4 Both lap & shoulder used
1256	3.2	22458	3.0 5 No belts used
42	0.1	956	0.1 6 Child restraint used
9	0.0	169	0.0 7 Child restraint not used, unavailable or improper use
7	0.0	126	0.0 8 Restraint failed
1149	2.9	21048	2.8 9 Restraint use unknown
17	0.0	2659	0.3 10 Helmet worn
17	0.0	1096	0.1 11 Helmet not worn
3	0.0	146	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
5767	14.5	128359	16.9 0 Uncoded & errors
1088	2.7	36137	4.7 1 Deployed
12164	30.6	330534	43.4 2 Not deployed
20771	52.2	265847	34.9 3 Not available

STATE OF MICHIGAN  
1999 - Person Injury

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

Truck Prcnt	Census Prcnt	Code	Value and Description
39715	99.8	758864	99.7 0 Uncoded & errors
75	0.2	2013	0.3 1 Yes

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

Truck Prcnt	Census Prcnt	Code	Value and Description
39540	99.4	758187	99.6 0 Uncoded & errors
250	0.6	2690	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
16	0.0	408	0.1 0 Less than 1 year old
0	0.0	1	0.0 100 100 years old
0	0.0	1	0.0 330
0	0.0	1	0.0 342
8078	20.3	103082	13.5 999 DOB bad

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

Truck Prcnt	Census Prcnt	Code	Value and Description
27027	67.9	401430	52.8 1 Male
9591	24.1	287510	37.8 2 Female
3172	8.0	71937	9.5 9 Uncoded & errors, nonnumeric data

STATE OF MICHIGAN  
1999 - Person Injury

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

## PERSON DEGREE OF INJURY

Truck Prcnt	Census Prcnt	Code	Value and Description
2998	7.5	74855	9.8 0 Uncoded & errors
165	0.4	1386	0.2 1 Killed
767	1.9	13002	1.7 2 Incapacitating injury
1293	3.2	30259	4.0 3 Nonincapacitating injury
3328	8.4	81340	10.7 4 Possible
31239	78.5	560035	73.6 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 1999

## 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 or abutment
abutment	115	22	Bridge pier or abutment
abutment	116	22	Bridge pier or abutment
abutment	117	22	Bridge pier or abutment
abutment	122	22	Bridge pier or abutment
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	114	20	Animal
animal	115	20	Animal
animal	116	20	Animal
animal	117	20	Animal
animal	122	20	Animal
antrim	10	5	Antrim
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
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
attenuator	122	44	Impact attenuator/crash cushion
august	2	8	August
august	6	31	July 29 - August 4
auto	103	6	Auto transporter

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	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 Xway
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
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 or abutment
bridge	115	22	Bridge pier or abutment
bridge	116	22	Bridge pier or abutment
bridge	117	22	Bridge pier or abutment
bridge	122	22	Bridge pier or 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
bus	101	11	CDL truck/Bus
bus	104	3	Bus
business	13	4	Interstate business loop or spur
calhoun	10	13	Calhoun
california	108	5	California
california	151	5	California

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
california	213	5	California
car	36	2	Car - car
card	207	*	MEDICAL CARD
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
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	101	11	CDL truck/Bus
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
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
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

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	*	CMPTD NUMBER FATAL
computed	135	*	CMPTD NUMBER INJURED
concrete	103	5	Concrete mixer
condition	23	*	ROAD CONDITIONS
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
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	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	Traffic control
corner	109	2	Front corner, passenger side
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	*	HOW CRASH TOOK PLACE
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	51	2	No pedestrian record for crash
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 any farm equipment
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 P.D. only crash (no injuries o
crash	62	*	FLAG: INJURY CRASH
crash	63	*	FLAG: FATAL CRASH
crash	64	*	NUMBER INJURED IN CRASH

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
crash	65	*	NUMBER FATAL IN CRASH
crash	111	*	DRIVABLE 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
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
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 03-01-00
day	8	*	DAY OF WEEK
daylight	31	1	Daylight
death	61	1	This is a P.D. only crash (no injuries o
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
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

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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 st. is im
direction	19	*	ORIG DIRECTION
direction	32	8	Sideswipe same direction
direction	113	*	DIRECTION OF TRAVEL
distance	18	8	Distance to/from intersecting st. is imp
distance	123	12	Clear distance
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
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
downhill	117	11	Downhill runaway
downhill	122	11	Downhill runaway
drinking	49	*	FLAG: DRINKING OPERATOR
drinking	126	*	DRINKING INFORMATION
drivable	111	*	DRIVABLE AFTER CRASH
drive	13	8	Service drive
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	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/150'
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
education	105	5	School/education

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
ejection	149	*	DRIVER EJECTION
ejection	305	*	PERSON EJECTION
embankment	114	36	Embankment
embankment	115	36	Embankment
embankment	116	36	Embankment
embankment	117	36	Embankment
embankment	122	36	Embankment
emergency	59	*	FLAG: EMERGENCY VEHICLE
emergency	105	3	Pursuit/emergency (in use)
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	57	1	Engineer record found
engineer	146	51	(E) Engineer
engineer	302	51	(E) Engineer
entrance	22	1	Entrance/exit ramp related
equipment	56	*	FLAG: 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:MOST
exempt	206	*	CDL EXEMPT
exit	22	1	Entrance/exit ramp related
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
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	*	CMPTD NUMBER FATAL
fatal	136	1	Fatal
february	2	2	February
february	6	5	January 29 - February 4
fell	114	13	Individual fell off
fell	115	13	Individual fell off

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
fell	116	13	Individual fell off
fell	117	13	Individual fell off
fell	122	13	Individual fell off
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
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: PED 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
flatbed	103	3	Flatbed/platform
fleeing	44	*	FLAG: FLEEING /PURSUING
florida	108	10	Florida
florida	151	10	Florida
florida	213	10	Florida
fog	30	3	Fog/smoke
freeway	22	6	All other freeway areas
friday	8	6	Friday
friday	9	120	12:00 a.m. - 12:59 a.m. Friday



## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
garbage	103	7	Garbage/refuse
genesee	10	25	Genesee
georgia	108	11	Georgia
georgia	151	11	Georgia
georgia	213	11	Georgia
gladwin	10	26	Gladwin
go-cart	101	7	Go-cart (GC)
gogebic	10	27	Gogebic
gore	21	5	In the gore (area between ramp and Xway
government	105	8	Other government nonemergency vehicle
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
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:MOST
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
head	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
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

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
indiana	108	15	Indiana
indiana	151	15	Indiana
indiana	213	15	Indiana
individual	114	13	Individual fell off
individual	115	13	Individual fell off
individual	116	13	Individual fell off
individual	117	13	Individual fell off
individual	122	13	Individual fell off
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	*	CMPTD 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 P.D. only crash (no injuries o
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
intersect	18	5	Streets do not intersect in co/city give
intersect	22	9	Other intersect related
intersecting	12	2	Reverse direction intersecting street is
intersecting	18	4	Intersecting street not found in co/city

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
julian	7	*	JULIAN DAY FROM 03-01-00
july	2	7	July
july	6	27	July 1- July 7
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	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

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
lay	112	29	Stand/lay in road
leelanau	10	45	Leelanau
left	32	3	Head on left
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
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
limit	24	*	SPEED LIMIT AT CRASHSITE
limit	25	*	POSTED SPEED LIMIT
livingston	10	47	Livingston
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
luminaire	114	30	Luminaire support
luminaire	115	30	Luminaire support
luminaire	116	30	Luminaire support
luminaire	117	30	Luminaire support
luminaire	122	30	Luminaire 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	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

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	114	2	Cross center/median
median	115	2	Cross center/median
median	116	2	Cross center/median
median	117	2	Cross center/median
median	122	2	Cross center/median
medical	207	*	MEDICAL CARD
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 vehicle
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

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
month	2	*	ACCIDENT MONTH
montmorency	10	60	Montmorency
moped	36	4	Car - motorcycle, moped
moped	101	6	Moped (MO)
moped	152	3	Moped license
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
nebraska	108	28	Nebraska
nebraska	151	28	Nebraska
nebraska	213	28	Nebraska
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	214	8	Non-CDL vehicle, no data
non-cdl	215	8	Non-CDL vehicle, no data

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
non-cdl vehicle, no	213	98	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
noncommercial	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
nonincapacitating	66	3	B - nonincapacitating injury
nonincapacitating	136	3	B - nonincapacitating injury
nonincapacitating	159	3	Nonincapacitating injury
nonincapacitating	310	3	Nonincapacitating injury
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
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	108	58	Northwest Territories
territories			
northwest	151	58	Northwest Territories
territories			
northwest	213	58	Northwest Territories
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
offered	127	2	Not offered

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
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
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
parking	112	12	Enter parking
passenger	101	1	Passenger & 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



## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
pedestrian	36	6	Car - pedestrian, pedalcyclist
pedestrian	49	1	This crash involved a drinking driver/pe
pedestrian	50	*	FLAG: PEDESTRIAN
pedestrian	51	*	FLAG: PED REC PRESENT
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
pickup	101	3	Pickup (PU)
pier	114	22	Bridge pier or abutment
pier	115	22	Bridge pier or abutment
pier	116	22	Bridge pier or abutment
pier	117	22	Bridge pier or abutment
pier	122	22	Bridge pier or 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	Traffic sign post
post	115	28	Traffic sign post
post	116	28	Traffic sign post
post	117	28	Traffic sign post
post	122	28	Traffic sign post
posted	25	*	POSTED SPEED LIMIT
pound	101	4	Truck under 10,000 lbs. (ST)
presque isle	10	71	Presque Isle
primary	12	0	Primary street is not an MDOT Control Se
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
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	Pursuit/emergency (in use)

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
push	112	30	Push/work on vehicle
quebec	108	62	Quebec
quebec	151	62	Quebec
quebec	213	62	Quebec
rail	22	16	Rail crossing related
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
railway	114	19	Railway train
railway	115	19	Railway train
railway	116	19	Railway train
railway	117	19	Railway train
railway	122	19	Railway train
rain	30	4	Rain
ramp	18	9	Direction used on ramp is not ER or BR
ramp	19	1	(BR) Begin Ramp
ramp	21	5	In the gore (area between ramp and Xway
ramp	22	1	Entrance/exit ramp related
rating	216	*	GROSS VEH WEIGHT RATING
rear	32	5	Rear end
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
reason	18	99	Other reason than 01-09, nonnumeric data
reason	112	33	Other reason in road
recreational	107	6	Recreational double
recreational	155	0	No recreational double (uncoded & errors
re-enter	114	5	Re-enter road
re-enter	115	5	Re-enter road
re-enter	116	5	Re-enter road
re-enter	117	5	Re-enter road
re-enter	122	5	Re-enter road
reflector	106	2	Lights/reflectors
refusal	127	*	REFUSAL INFORMATION
refuse	103	7	Garbage/refuse
refused	127	1	Refused
registration	108	*	REGISTRATION STATE
relationship	21	*	RELATIONSHIP TO ROADWAY
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
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

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
roadway	20	0	Crash occurred on other than a roadway
roadway	21	*	RELATIONSHIP TO ROADWAY
rollover	109	0	Rollover
roscommon	10	72	Roscommon
route	13	1	Interstate route
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

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
shift	116	12	Cargo loss/shift
shift	117	12	Cargo loss/shift
shift	122	12	Cargo loss/shift
shoulder	21	3	On the shoulder
shoulder	147	2	Shoulder only used
shoulder	303	2	Shoulder only used
sideswipe	32	8	Sideswipe same direction
sign	26	2	Stop Sign
sign	114	28	Traffic sign post
sign	115	28	Traffic sign post
sign	116	28	Traffic sign post
sign	117	28	Traffic sign post
sign	122	28	Traffic sign post
signal	26	1	Signal
signal	114	29	Signal post
signal	115	29	Signal post
signal	116	29	Signal post
signal	117	29	Signal post
signal	122	29	Signal post
signal	123	10	Improper signal
single	32	1	Single vehicle
single	36	1	Single traffic unit
site	18	6	Location matches more than one site
sixteen	64	16	Sixteen injured
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
speed	24	*	SPEED LIMIT AT CRASHSITE
speed	25	*	POSTED SPEED LIMIT
speed	123	1	Speed too fast
spill	220	*	HAZMAT: SPILL

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
spur	13	4	Interstate business loop or spur
st. clair	10	74	St. Clair
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 & 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	4	Intersecting street not found in co/city
streets	18	5	Streets do not intersect in co/city give
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	Luminaire support
support	115	30	Luminaire support
support	116	30	Luminaire support
support	117	30	Luminaire support
support	122	30	Luminaire 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
texas	108	45	Texas
texas	151	45	Texas
texas	213	45	Texas
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
took	32	*	HOW CRASH TOOK PLACE
towed	107	5	Towed auto
township	11	*	CITY OR TOWNSHIP
township	18	2	Invalid city/township
traffic	20	*	NUMBER OF TRAFFIC LANES

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
traffic	26	*	TRAFFIC CONTROL
traffic	36	*	TRAFFIC UNIT MIX
traffic	112	27	In road with traffic
traffic	114	28	Traffic sign post
traffic	115	28	Traffic sign post
traffic	116	28	Traffic sign post
traffic	117	28	Traffic sign post
traffic	122	28	Traffic sign post
traffic	123	4	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
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	Railway train
train	115	19	Railway train
train	116	19	Railway train
train	117	19	Railway train
train	122	19	Railway train
transition	22	3	Transition area
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	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. (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
turn	123	9	Improper turn
tuscola	10	79	Tuscola
type	27	*	CONSTRUCTION TYPE
type	101	*	VEHICLE TYPE
type	102	*	CDL TRUCK TYPE

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
urine	131	*	URINE TEST
usage	123	8	Improper lane usage
utah	108	46	Utah
utah	151	46	Utah
utah	213	46	Utah
utility	27	2	Utility
utility	105	9	Utility
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 & 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
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

## Michigan 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
xway	21	5	In the gore (area between ramp and Xway
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



