

Transportation Data Center
Data Set Codebook

NUMBER 99-3

JUNE 1999



The University of Michigan
Transportation Research Institute

STATE OF MICHIGAN
1998 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 1998. 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 1998, 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).

1998 MICHIGAN DATA SETS

CATEGORY	KEY	VARIABLES	CASES
Census	MIC98ACC	1-73	403,766
	MIC98VEH	1-73, 100-159	709,765
	MIC98OCC	1-73, 100-159, 300-311	746,523
Truck	MIT98ACC	1-73	17,894
	MIT98VEH	1-73, 100-159, 200-224	34,424
	MIT98OCC	1-73, 100-159, 200-224, 300-311	35,958

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.

STATE OF MICHIGAN
1998 - 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	9
13	HIGHWAY CLASS	1	Numeric	10
14	HIGHWAY NUMBER	3	Numeric	10
15	HIGHWAY CONTROL SECTION	5	Numeric	10
16	CONTROL SECTION MLPT	4	Numeric	10
17	LOCATION FLAG	1	Numeric	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	12
23	ROAD CONDITIONS	1	Numeric	13
24	SPEED LIMIT AT CRASHSITE	2	Numeric	13
25	POSTED SPEED LIMIT	1	Numeric	14
26	TRAFFIC CONTROL	1	Numeric	14
27	CONSTRUCTION TYPE	1	Numeric	14
28	CONSTRUCTION LANE CLOSED	1	Numeric	15
29	CONSTRUCTION ACTIVITY	1	Numeric	15
30	WEATHER	1	Numeric	15
31	LIGHT	1	Numeric	15
32	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	16
36	TRAFFIC UNIT MIX	2	Numeric	17
37	NUMBER TRUCK SUPPL FORMS	3	Numeric	17
38	TOTAL UNITS REPORTED	2	Numeric	17
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	20
50	FLAG: PEDESTRIAN	1	Numeric	21

STATE OF MICHIGAN
1998 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
51	FLAG: PED REC PRESENT	1	Numeric	21
52	FLAG: BICYCLIST	1	Numeric	21
53	FLAG: SNOWMOBILE	1	Numeric	21
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	22
59	FLAG: EMERGENCY VEHICLE	1	Numeric	23
60	FLAG: NONTRAFFIC CRASH	1	Numeric	23
61	FLAG: PROPERTY DAMAGE	1	Numeric	23
62	FLAG: INJURY CRASH	1	Numeric	23
63	FLAG: FATAL CRASH	1	Numeric	24
64	NUMBER INJURED IN CRASH	2	Numeric	24
65	NUMBER FATAL IN CRASH	2	Numeric	24
66	WORST INJURY IN ACCIDENT	1	Numeric	24
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	25
70	TOTAL C-INJURED IN ACC	2	Numeric	26
71	TOTAL INJURED IN ACC	2	Numeric	26
72	TOTAL CASUALTIES IN ACC	2	Numeric	26
73	TOTAL UNINJURED IN ACC	2	Numeric	27

STATE OF MICHIGAN
1998 - 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:MOST	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
1998 - Vehicle/Driver

Variable Number	Variable Name	Width	Storage Type	Page Number
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
1998 - 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
1998 - 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		
1703	9.5	37625	9.3	1 January
1084	6.1	24459	6.1	2 February
1543	8.6	33355	8.3	3 March
1328	7.4	28664	7.1	4 April
1503	8.4	33042	8.2	5 May
1532	8.6	32804	8.1	6 June
1344	7.5	31141	7.7	7 July
1433	8.0	31061	7.7	8 August
1606	9.0	31525	7.8	9 September
1769	9.9	39719	9.8	10 October
1506	8.4	39934	9.9	11 November
1543	8.6	40437	10.0	12 December

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

Truck Prcnt	Census Prcnt	Code Value and Description		
461	2.6	12073	3.0	1
				- Day of month
272	1.5	7773	1.9	31
0	0.0	2	0.0	99 Non-numeric data

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

Truck Prcnt	Census Prcnt	Code Value and Description	
17894	100.0	403766	100.0 1998 1998

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

Truck Prcnt	Census Prcnt	Code	Value and Description
173	1.0	7714 1.9	0 12:00 mid. - 1:00 a.m.
168	0.9	6983 1.7	1 1:00 a.m. - 2:00 a.m.
147	0.8	6978 1.7	2 2:00 a.m. - 3:00 a.m.
179	1.0	4706 1.2	3 3:00 a.m. - 4:00 a.m.
158	0.9	4193 1.0	4 4:00 a.m. - 5:00 a.m.
257	1.4	7198 1.8	5 5:00 a.m. - 6:00 a.m.
517	2.9	12192 3.0	6 6:00 a.m. - 7:00 a.m.
1141	6.4	19926 4.9	7 7:00 a.m. - 8:00 a.m.
1407	7.9	17099 4.2	8 8:00 a.m. - 9:00 a.m.
1119	6.3	13084 3.2	9 9:00 a.m. - 10:00 a.m.
1203	6.7	14524 3.6	10 10:00 a.m. - 11:00 a.m.
1315	7.3	18734 4.6	11 11:00 a.m. - 12:00 noon
1366	7.6	22799 5.6	12 12:00 noon - 1:00 p.m.
1277	7.1	20786 5.1	13 1:00 p.m. - 2:00 p.m.
1355	7.6	24727 6.1	14 2:00 p.m. - 3:00 p.m.
1616	9.0	30793 7.6	15 3:00 p.m. - 4:00 p.m.
1328	7.4	29973 7.4	16 4:00 p.m. - 5:00 p.m.
935	5.2	32463 8.0	17 5:00 p.m. - 6:00 p.m.
642	3.6	27446 6.8	18 6:00 p.m. - 7:00 p.m.
404	2.3	20519 5.1	19 7:00 p.m. - 8:00 p.m.
357	2.0	16570 4.1	20 8:00 p.m. - 9:00 p.m.
264	1.5	15806 3.9	21 9:00 p.m. - 10:00 p.m.
251	1.4	13750 3.4	22 10:00 p.m. - 11:00 p.m.
218	1.2	11172 2.8	23 11:00 p.m. - 12:00 mid.
0	0.0	166 0.0	24 Midnight
0	0.0	19 0.0	25
1	0.0	1 0.0	26
0	0.0	1 0.0	27
0	0.0	5 0.0	29
90	0.5	2422 0.6	77 Uncoded & errors
0	0.0	1 0.0	93
0	0.0	1 0.0	95
0	0.0	2 0.0	97
0	0.0	3 0.0	98
6	0.0	1010 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
278	1.6	6911 1.7	1 January 1 - January 7
453	2.5	9447 2.3	2 January 8 - January 14
437	2.4	9265 2.3	3 January 15 - January 21
406	2.3	8867 2.2	4 January 22 - January 28
282	1.6	6291 1.6	5 January 29 - February 4
281	1.6	6460 1.6	6 February 5 - February 11
288	1.6	6032 1.5	7 February 12 - February 18
256	1.4	5867 1.5	8 February 19 - February 25

Variable 6:WEEK OF YEAR (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
305	1.7	7209	1.8 9 February 26 - March 3
456	2.5	8827	2.2 10 March 4 - March 10
370	2.1	8201	2.0 11 March 11 - March 17
304	1.7	6705	1.7 12 March 18 - March 24
275	1.5	6461	1.6 13 March 25 - March 31
304	1.7	6288	1.6 14 April 1 - April 7
289	1.6	6924	1.7 15 April 8 - April 15
275	1.5	6351	1.6 16 April 15 - April 21
334	1.9	6934	1.7 17 April 22 - April 28
360	2.0	7434	1.8 18 April 29 - May 5
381	2.1	7413	1.8 19 May 6 - May 12
397	2.2	8008	2.0 20 May 13 - May 19
249	1.4	6995	1.7 21 May 20 - May 26
391	2.2	7574	1.9 22 May 27 - June 2
386	2.2	7447	1.8 23 June 3 - June 9
344	1.9	7924	2.0 24 June 10 - June 16
310	1.7	7416	1.8 25 June 17 - June 23
342	1.9	7789	1.9 26 June 24 - June 30
216	1.2	6788	1.7 27 July 1 - July 7
342	1.9	7102	1.8 28 July 8 - July 14
318	1.8	7310	1.8 29 July 15 - July 21
293	1.6	6683	1.7 30 July 22 - July 28
333	1.9	7235	1.8 31 July 29 - August 4
296	1.7	7143	1.8 32 August 5 - August 11
328	1.8	6761	1.7 33 August 12 - August 18
346	1.9	6801	1.7 34 August 19 - August 25
373	2.1	7332	1.8 35 August 26 - September 1
301	1.7	7059	1.7 36 September 2 - September 8
418	2.3	7476	1.9 37 September 9 - September 15
404	2.3	7374	1.8 38 September 16 - September 22
355	2.0	7570	1.9 39 September 23 - September 29
428	2.4	9497	2.4 40 September 30 - October 6
409	2.3	8444	2.1 41 October 7 - October 13
369	2.1	8602	2.1 42 October 14 - October 20
393	2.2	9078	2.2 43 October 21 - October 27
370	2.1	9025	2.2 44 October 28 - November 3
410	2.3	10047	2.5 45 November 4 - November 10
366	2.0	9627	2.4 46 November 11 - November 17
386	2.2	9729	2.4 47 November 18 - November 24
249	1.4	7968	2.0 48 November 25 - December 1
335	1.9	8583	2.1 49 December 2 - December 8
330	1.8	8282	2.1 50 December 9 - December 15
508	2.8	11906	2.9 51 December 16 - December 22
211	1.2	7692	1.9 52 December 23 - December 29
54	0.3	1610	0.4 53 December 30 - December 31
0	0.0	2	0.0 99 Missing data

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

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

Truck Prcnt	Census Prcnt	Code Value and Description		
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496	2.8	41831	10.4	1	Sunday
3332	18.6	58430	14.5	2	Monday
3494	19.5	61172	15.2	3	Tuesday
3194	17.8	59573	14.8	4	Wednesday
3142	17.6	61139	15.1	5	Thursday
3251	18.2	68131	16.9	6	Friday
985	5.5	53490	13.2	7	Saturday

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

Truck Prcnt	Census Prcnt	Code Value and Description		
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11	0.1	1706	0.4	0	12:00 a.m. - 12:59 a.m.	Sunday
12	0.1	1637	0.4	1	1:00 a.m. - 1:59 a.m.	Sunday
13	0.1	1722	0.4	2	2:00 a.m. - 2:59 a.m.	Sunday
13	0.1	1121	0.3	3	3:00 a.m. - 3:59 a.m.	Sunday
6	0.0	732	0.2	4	4:00 a.m. - 4:59 a.m.	Sunday
6	0.0	749	0.2	5	5:00 a.m. - 5:59 a.m.	Sunday
13	0.1	885	0.2	6	6:00 a.m. - 6:59 a.m.	Sunday
13	0.1	702	0.2	7	7:00 a.m. - 7:59 a.m.	Sunday
23	0.1	798	0.2	8	8:00 a.m. - 8:59 a.m.	Sunday
23	0.1	1058	0.3	9	9:00 a.m. - 9:59 a.m.	Sunday
23	0.1	1378	0.3	10	10:00 a.m. - 10:59 a.m.	Sunday
22	0.1	1613	0.4	11	11:00 a.m. - 11:59 a.m.	Sunday
27	0.2	2286	0.6	12	12:00 noon - 12:59 p.m.	Sunday
32	0.2	2264	0.6	13	1:00 p.m. - 1:59 p.m.	Sunday
28	0.2	2484	0.6	14	2:00 p.m. - 2:59 p.m.	Sunday
26	0.1	2550	0.6	15	3:00 p.m. - 3:59 p.m.	Sunday
27	0.2	2386	0.6	16	4:00 p.m. - 4:59 p.m.	Sunday
28	0.2	2571	0.6	17	5:00 p.m. - 5:59 p.m.	Sunday
22	0.1	2879	0.7	18	6:00 p.m. - 6:59 p.m.	Sunday
20	0.1	2635	0.7	19	7:00 p.m. - 7:59 p.m.	Sunday
32	0.2	2191	0.5	20	8:00 p.m. - 8:59 p.m.	Sunday
21	0.1	2002	0.5	21	9:00 p.m. - 9:59 p.m.	Sunday
23	0.1	1788	0.4	22	10:00 p.m. - 10:59 p.m.	Sunday
28	0.2	1259	0.3	23	11:00 p.m. - 11:59 p.m.	Sunday
15	0.1	781	0.2	24	12:00 a.m. - 12:59 a.m.	Monday
24	0.1	667	0.2	25	1:00 a.m. - 1:59 a.m.	Monday
14	0.1	602	0.1	26	2:00 a.m. - 2:59 a.m.	Monday
17	0.1	458	0.1	27	3:00 a.m. - 3:59 a.m.	Monday
23	0.1	511	0.1	28	4:00 a.m. - 4:59 a.m.	Monday
43	0.2	1090	0.3	29	5:00 a.m. - 5:59 a.m.	Monday
78	0.4	1987	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
238	1.3	3561 0.9	31 7:00 a.m. - 7:59 a.m. Monday
265	1.5	2809 0.7	32 8:00 a.m. - 8:59 a.m. Monday
223	1.2	1881 0.5	33 9:00 a.m. - 9:59 a.m. Monday
229	1.3	2065 0.5	34 10:00 a.m. - 10:59 a.m. Monday
243	1.4	2660 0.7	35 11:00 a.m. - 11:59 a.m. Monday
273	1.5	3292 0.8	36 12:00 noon - 12:59 p.m. Monday
215	1.2	2950 0.7	37 1:00 p.m. - 1:59 p.m. Monday
249	1.4	3727 0.9	38 2:00 p.m. - 2:59 p.m. Monday
333	1.9	4924 1.2	39 3:00 p.m. - 3:59 p.m. Monday
262	1.5	4667 1.2	40 4:00 p.m. - 4:59 p.m. Monday
180	1.0	5285 1.3	41 5:00 p.m. - 5:59 p.m. Monday
124	0.7	4126 1.0	42 6:00 p.m. - 6:59 p.m. Monday
66	0.4	2838 0.7	43 7:00 p.m. - 7:59 p.m. Monday
81	0.5	2234 0.6	44 8:00 p.m. - 8:59 p.m. Monday
40	0.2	2063 0.5	45 9:00 p.m. - 9:59 p.m. Monday
42	0.2	1588 0.4	46 10:00 p.m. - 10:59 p.m. Monday
32	0.2	1169 0.3	47 11:00 p.m. - 11:59 p.m. Monday
20	0.1	735 0.2	48 12:00 a.m. - 12:59 a.m. Tuesday
27	0.2	601 0.1	49 1:00 a.m. - 1:59 a.m. Tuesday
21	0.1	511 0.1	50 2:00 a.m. - 2:59 a.m. Tuesday
29	0.2	435 0.1	51 3:00 a.m. - 3:59 a.m. Tuesday
31	0.2	478 0.1	52 4:00 a.m. - 4:59 a.m. Tuesday
47	0.3	1074 0.3	53 5:00 a.m. - 5:59 a.m. Tuesday
111	0.6	2154 0.5	54 6:00 a.m. - 6:59 a.m. Tuesday
215	1.2	3850 1.0	55 7:00 a.m. - 7:59 a.m. Tuesday
301	1.7	3409 0.8	56 8:00 a.m. - 8:59 a.m. Tuesday
216	1.2	2189 0.5	57 9:00 a.m. - 9:59 a.m. Tuesday
261	1.5	2299 0.6	58 10:00 a.m. - 10:59 a.m. Tuesday
240	1.3	2843 0.7	59 11:00 a.m. - 11:59 a.m. Tuesday
259	1.4	3383 0.8	60 12:00 noon - 12:59 p.m. Tuesday
274	1.5	3158 0.8	61 1:00 p.m. - 1:59 p.m. Tuesday
300	1.7	3872 1.0	62 2:00 p.m. - 2:59 p.m. Tuesday
325	1.8	5116 1.3	63 3:00 p.m. - 3:59 p.m. Tuesday
247	1.4	4911 1.2	64 4:00 p.m. - 4:59 p.m. Tuesday
195	1.1	5340 1.3	65 5:00 p.m. - 5:59 p.m. Tuesday
112	0.6	4223 1.0	66 6:00 p.m. - 6:59 p.m. Tuesday
79	0.4	2829 0.7	67 7:00 p.m. - 7:59 p.m. Tuesday
41	0.2	2151 0.5	68 8:00 p.m. - 8:59 p.m. Tuesday
44	0.2	2100 0.5	69 9:00 p.m. - 9:59 p.m. Tuesday
44	0.2	1687 0.4	70 10:00 p.m. - 10:59 p.m. Tuesday
33	0.2	1299 0.3	71 11:00 p.m. - 11:59 p.m. Tuesday
24	0.1	835 0.2	72 12:00 a.m. - 12:59 a.m. Wednesday
30	0.2	667 0.2	73 1:00 a.m. - 1:59 a.m. Wednesday
28	0.2	619 0.2	74 2:00 a.m. - 2:59 a.m. Wednesday
27	0.2	416 0.1	75 3:00 a.m. - 3:59 a.m. Wednesday
23	0.1	473 0.1	76 4:00 a.m. - 4:59 a.m. Wednesday
42	0.2	1126 0.3	77 5:00 a.m. - 5:59 a.m. Wednesday
108	0.6	2045 0.5	78 6:00 a.m. - 6:59 a.m. Wednesday
209	1.2	3766 0.9	79 7:00 a.m. - 7:59 a.m. Wednesday
296	1.7	3139 0.8	80 8:00 a.m. - 8:59 a.m. Wednesday
178	1.0	2011 0.5	81 9:00 a.m. - 9:59 a.m. Wednesday
212	1.2	2073 0.5	82 10:00 a.m. - 10:59 a.m. Wednesday

STATE OF MICHIGAN
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Variable 9: HOUR OF WEEK (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
224	1.3	2652 0.7	83 11:00 a.m. - 11:59 a.m. Wednesday
247	1.4	3210 0.8	84 12:00 noon - 12:59 p.m. Wednesday
239	1.3	3003 0.7	85 1:00 p.m. - 1:59 p.m. Wednesday
220	1.2	3628 0.9	86 2:00 p.m. - 2:59 p.m. Wednesday
311	1.7	4863 1.2	87 3:00 p.m. - 3:59 p.m. Wednesday
227	1.3	4839 1.2	88 4:00 p.m. - 4:59 p.m. Wednesday
161	0.9	5419 1.3	89 5:00 p.m. - 5:59 p.m. Wednesday
127	0.7	4183 1.0	90 6:00 p.m. - 6:59 p.m. Wednesday
66	0.4	2833 0.7	91 7:00 p.m. - 7:59 p.m. Wednesday
63	0.4	2311 0.6	92 8:00 p.m. - 8:59 p.m. Wednesday
49	0.3	2053 0.5	93 9:00 p.m. - 9:59 p.m. Wednesday
32	0.2	1670 0.4	94 10:00 p.m. - 10:59 p.m. Wednesday
43	0.2	1288 0.3	95 11:00 p.m. - 11:59 p.m. Wednesday
33	0.2	954 0.2	96 12:00 a.m. - 12:59 a.m. Thursday
22	0.1	820 0.2	97 1:00 a.m. - 1:59 a.m. Thursday
22	0.1	783 0.2	98 2:00 a.m. - 2:59 a.m. Thursday
39	0.2	571 0.1	99 3:00 a.m. - 3:59 a.m. Thursday
35	0.2	605 0.1	100 4:00 a.m. - 4:59 a.m. Thursday
42	0.2	1160 0.3	101 5:00 a.m. - 5:59 a.m. Thursday
87	0.5	2043 0.5	102 6:00 a.m. - 6:59 a.m. Thursday
224	1.3	3592 0.9	103 7:00 a.m. - 7:59 a.m. Thursday
221	1.2	2965 0.7	104 8:00 a.m. - 8:59 a.m. Thursday
208	1.2	2081 0.5	105 9:00 a.m. - 9:59 a.m. Thursday
203	1.1	2137 0.5	106 10:00 a.m. - 10:59 a.m. Thursday
241	1.3	2878 0.7	107 11:00 a.m. - 11:59 a.m. Thursday
236	1.3	3448 0.9	108 12:00 noon - 12:59 p.m. Thursday
235	1.3	3013 0.7	109 1:00 p.m. - 1:59 p.m. Thursday
240	1.3	3606 0.9	110 2:00 p.m. - 2:59 p.m. Thursday
276	1.5	4792 1.2	111 3:00 p.m. - 3:59 p.m. Thursday
259	1.4	4794 1.2	112 4:00 p.m. - 4:59 p.m. Thursday
154	0.9	5192 1.3	113 5:00 p.m. - 5:59 p.m. Thursday
99	0.6	4063 1.0	114 6:00 p.m. - 6:59 p.m. Thursday
65	0.4	2896 0.7	115 7:00 p.m. - 7:59 p.m. Thursday
64	0.4	2406 0.6	116 8:00 p.m. - 8:59 p.m. Thursday
40	0.2	2269 0.6	117 9:00 p.m. - 9:59 p.m. Thursday
49	0.3	2027 0.5	118 10:00 p.m. - 10:59 p.m. Thursday
32	0.2	1521 0.4	119 11:00 p.m. - 11:59 p.m. Thursday
34	0.2	1042 0.3	120 12:00 a.m. - 12:59 a.m. Friday
25	0.1	923 0.2	121 1:00 a.m. - 1:59 a.m. Friday
27	0.2	851 0.2	122 2:00 a.m. - 2:59 a.m. Friday
36	0.2	584 0.1	123 3:00 a.m. - 3:59 a.m. Friday
24	0.1	554 0.1	124 4:00 a.m. - 4:59 a.m. Friday
44	0.2	1109 0.3	125 5:00 a.m. - 5:59 a.m. Friday
82	0.5	1943 0.5	126 6:00 a.m. - 6:59 a.m. Friday
192	1.1	3228 0.8	127 7:00 a.m. - 7:59 a.m. Friday
240	1.3	2747 0.7	128 8:00 a.m. - 8:59 a.m. Friday
204	1.1	2128 0.5	129 9:00 a.m. - 9:59 a.m. Friday
205	1.1	2312 0.6	130 10:00 a.m. - 10:59 a.m. Friday
264	1.5	3153 0.8	131 11:00 a.m. - 11:59 a.m. Friday
244	1.4	3785 0.9	132 12:00 noon - 12:59 p.m. Friday
230	1.3	3356 0.8	133 1:00 p.m. - 1:59 p.m. Friday
258	1.4	4204 1.0	134 2:00 p.m. - 2:59 p.m. Friday

Variable 9: HOUR OF WEEK (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
295	1.6	5348	1.3 135 3:00 p.m. - 3:59 p.m. Friday
259	1.4	5412	1.3 136 4:00 p.m. - 4:59 p.m. Friday
168	0.9	5718	1.4 137 5:00 p.m. - 5:59 p.m. Friday
127	0.7	4829	1.2 138 6:00 p.m. - 6:59 p.m. Friday
85	0.5	3587	0.9 139 7:00 p.m. - 7:59 p.m. Friday
61	0.3	2881	0.7 140 8:00 p.m. - 8:59 p.m. Friday
47	0.3	2798	0.7 141 9:00 p.m. - 9:59 p.m. Friday
37	0.2	2730	0.7 142 10:00 p.m. - 10:59 p.m. Friday
42	0.2	2419	0.6 143 11:00 p.m. - 11:59 p.m. Friday
36	0.2	1827	0.5 144 12:00 a.m. - 12:59 a.m. Saturday
28	0.2	1668	0.4 145 1:00 a.m. - 1:59 a.m. Saturday
22	0.1	1890	0.5 146 2:00 a.m. - 2:59 a.m. Saturday
18	0.1	1121	0.3 147 3:00 a.m. - 3:59 a.m. Saturday
16	0.1	840	0.2 148 4:00 a.m. - 4:59 a.m. Saturday
33	0.2	890	0.2 149 5:00 a.m. - 5:59 a.m. Saturday
38	0.2	1135	0.3 150 6:00 a.m. - 6:59 a.m. Saturday
50	0.3	1227	0.3 151 7:00 a.m. - 7:59 a.m. Saturday
61	0.3	1232	0.3 152 8:00 a.m. - 8:59 a.m. Saturday
67	0.4	1736	0.4 153 9:00 a.m. - 9:59 a.m. Saturday
70	0.4	2260	0.6 154 10:00 a.m. - 10:59 a.m. Saturday
81	0.5	2935	0.7 155 11:00 a.m. - 11:59 a.m. Saturday
80	0.4	3395	0.8 156 12:00 noon - 12:59 p.m. Saturday
52	0.3	3042	0.8 157 1:00 p.m. - 1:59 p.m. Saturday
60	0.3	3206	0.8 158 2:00 p.m. - 2:59 p.m. Saturday
50	0.3	3200	0.8 159 3:00 p.m. - 3:59 p.m. Saturday
47	0.3	2964	0.7 160 4:00 p.m. - 4:59 p.m. Saturday
49	0.3	2938	0.7 161 5:00 p.m. - 5:59 p.m. Saturday
31	0.2	3143	0.8 162 6:00 p.m. - 6:59 p.m. Saturday
23	0.1	2901	0.7 163 7:00 p.m. - 7:59 p.m. Saturday
15	0.1	2396	0.6 164 8:00 p.m. - 8:59 p.m. Saturday
23	0.1	2521	0.6 165 9:00 p.m. - 9:59 p.m. Saturday
24	0.1	2260	0.6 166 10:00 p.m. - 10:59 p.m. Saturday
8	0.0	2217	0.5 167 11:00 p.m. - 11:59 p.m. Saturday
97	0.5	3465	0.9 999 Missing data

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

COUNTY (STATE POLICE CODING)

Truck Prcnt	Census Prcnt	Code	Value and Description
10	0.1	923	0.2 1 Alcona
14	0.1	403	0.1 2 Alger
197	1.1	3748	0.9 3 Allegan
47	0.3	1392	0.3 4 Alpena
26	0.1	1043	0.3 5 Antrim
24	0.1	1093	0.3 6 Arenac
27	0.2	510	0.1 7 Baraga
51	0.3	2518	0.6 8 Barry

Variable 10:COUNTY (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
165	0.9	4094	1.0 9 Bay
16	0.1	682	0.2 10 Benzie
367	2.1	5770	1.4 11 Berrien
96	0.5	2126	0.5 12 Branch
297	1.7	6346	1.6 13 Calhoun
58	0.3	2053	0.5 14 Cass
35	0.2	1246	0.3 15 Charlevoix
24	0.1	1018	0.3 16 Cheboygan
33	0.2	1398	0.3 17 Chippewa
34	0.2	1697	0.4 18 Clare
104	0.6	2692	0.7 19 Clinton
22	0.1	910	0.2 20 Crawford
79	0.4	2252	0.6 21 Delta
56	0.3	1494	0.4 22 Dickinson
140	0.8	4265	1.1 23 Eaton
39	0.2	1567	0.4 24 Emmet
623	3.5	16280	4.0 25 Genesee
22	0.1	1166	0.3 26 Gladwin
18	0.1	612	0.2 27 Gogebic
139	0.8	3778	0.9 28 Grand Traverse
72	0.4	1840	0.5 29 Gratiot
78	0.4	2320	0.6 30 Hillsdale
39	0.2	1256	0.3 31 Houghton
50	0.3	2076	0.5 32 Huron
392	2.2	11710	2.9 33 Ingham
88	0.5	2803	0.7 34 Ionia
33	0.2	1374	0.3 35 Iosco
23	0.1	1006	0.2 36 Iron
42	0.2	2286	0.6 37 Isabella
291	1.6	6906	1.7 38 Jackson
462	2.6	10023	2.5 39 Kalamazoo
33	0.2	769	0.2 40 Kalkaska
1246	7.0	25181	6.2 41 Kent
1	0.0	94	0.0 42 Keweenaw
14	0.1	684	0.2 43 Lake
146	0.8	3843	1.0 44 Lapeer
6	0.0	621	0.2 45 Leelanau
173	1.0	3594	0.9 46 Lenawee
235	1.3	5301	1.3 47 Livingston
8	0.0	266	0.1 48 Luce
27	0.2	784	0.2 49 Mackinac
1213	6.8	26669	6.6 50 Macomb
32	0.2	1114	0.3 51 Manistee
99	0.6	2446	0.6 52 Marquette
36	0.2	1681	0.4 53 Mason
40	0.2	2701	0.7 54 Mecosta
58	0.3	1858	0.5 55 Menominee
86	0.5	3268	0.8 56 Midland
18	0.1	842	0.2 57 Missaukee
260	1.5	4301	1.1 58 Monroe
85	0.5	3270	0.8 59 Montcalm
16	0.1	505	0.1 60 Montmorency

Variable 10:COUNTY (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
209	1.2	6004	1.5 61 Muskegon
59	0.3	2108	0.5 62 Newaygo
2016	11.3	47445	11.8 63 Oakland
29	0.2	1232	0.3 64 Oceana
25	0.1	1281	0.3 65 Ogemaw
17	0.1	576	0.1 66 Ontonagon
38	0.2	1604	0.4 67 Osceola
12	0.1	563	0.1 68 Oscoda
54	0.3	1095	0.3 69 Otsego
380	2.1	7742	1.9 70 Ottawa
8	0.0	701	0.2 71 Presque Isle
34	0.2	1254	0.3 72 Roscommon
291	1.6	8392	2.1 73 Saginaw
194	1.1	5372	1.3 74 St. Clair
124	0.7	2367	0.6 75 St. Joseph
48	0.3	1951	0.5 76 Sanilac
23	0.1	518	0.1 77 Schoolcraft
100	0.6	2555	0.6 78 Shiawassee
55	0.3	2151	0.5 79 Tuscola
175	1.0	2889	0.7 80 Van Buren
678	3.8	12227	3.0 81 Washtenaw
5071	28.3	85378	21.1 82 Wayne
84	0.5	1840	0.5 83 Wexford
3	0.0	44	0.0 84 Uncoded & errors
1	0.0	2	0.0 96
0	0.0	1	0.0 98
1	0.0	6	0.0 99 Non-numeric data

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
16	0.1	341	0.1 0 Uncoded & errors
546	3.1	12552	3.1 1
		-	- City or township code (by county)
2967	16.6	49257	12.2 99 Detroit or non-numeric data

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

Truck Prcnt	Census Prcnt	Code	Value and Description
8818	49.3	222203	55.0 0 Primary street is not an MDOT Control Section
8265	46.2	165731	41.0 1 Primary street is an MDOT Control Section

Variable 12:CONTROL SECTION (Continued)

Truck Prcnt	Census Prcnt	Code Value and Description		
622	3.5	12354	3.1	2 Reverse direction intersecting street is an MDOT Control Section
186	1.0	3444	0.9	3 Same direction intersecting street is an MDOT Control Section
3	0.0	34	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		
2565	14.3	51950	12.9	0 Not located
2941	16.4	27263	6.8	1 Interstate route
1712	9.6	27553	6.8	2 U.S. route
2835	15.8	64743	16.0	3 Michigan route
256	1.4	5385	1.3	4 Interstate business loop or spur
148	0.8	3642	0.9	5 U.S. business route
7	0.0	181	0.0	6 Michigan business route
36	0.2	642	0.2	7 Connector
47	0.3	504	0.1	8 Service drive
7347	41.1	221903	55.0	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		
2565	14.3	51950	12.9	0 Did not locate
48	0.3	1233	0.3	1 - Highway number
177	1.0	2269	0.6	696
7347	41.1	221903	55.0	999 Local road or unknown

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

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

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

Truck Prcnt	Census Prcnt	Code	Value and Description
266	1.5	6752 1.7	0 Location not yet attempted
15322	85.6	351701 87.1	1 Successfully located
113	0.6	2479 0.6	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
675	3.8	13580 3.4	4 Could not locate even after attempting a manual correction
1003	5.6	17378 4.3	6
515	2.9	11876 2.9	9 Missing location data, nonnumeric data

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

Truck Prcnt	Census Prcnt	Code	Value and Description
15592	87.1	358533 88.8	0 None
9	0.1	224 0.1	1 Invalid county
15	0.1	331 0.1	2 Invalid city/township
524	2.9	10642 2.6	3 PR not found in county/city given
635	3.5	12793 3.2	4 Intersecting street not found in co/city given
333	1.9	6536 1.6	5 Streets do not intersect in co/city given
325	1.8	4702 1.2	6 Location matches more than one site
87	0.5	2219 0.5	7 Direction to/from intersecting st. is improper
5	0.0	97 0.0	8 Distance to/from intersecting st. is improper
6	0.0	168 0.0	9 Direction used on ramp is not ER or BR
363	2.0	7521 1.9	99 Other reason than 01-09, nonnumeric data

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

DIRECTION OFFICER ORIGINALLY GAVE TO NEAREST INTERSECTING STREET

Truck Prcnt	Census Prcnt	Code	Value and Description
92	0.5	1188 0.3	1 (BR) Begin Ramp
3227	18.0	72718 18.0	2 (E) East
249	1.4	3345 0.8	3 (ER) End Ramp
3095	17.3	76865 19.0	4 (N) North
802	4.5	13885 3.4	5 (NE) Northeast
636	3.6	13482 3.3	6 (NW) Northwest
2993	16.7	74178 18.4	7 (S) South
640	3.6	13129 3.3	8 (SE) Southeast
762	4.3	13033 3.2	9 (SW) Southwest
2481	13.9	51294 12.7	10 (X) At intersection
2886	16.1	69736 17.3	11 (W) West

Variable 19:ORIG DIRECTION (Continued)

Truck Prcnt	Census Prcnt	Code Value and Description	
31	0.2	913	0.2 99 (Space) Uncoded & errors

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

Truck Prcnt	Census Prcnt	Code Value and Description	
54	0.3	1306	0.3 0 Crash occurred on other than a roadway
610	3.4	11066	2.7 1 One Lane
8311	46.4	220762	54.7 2 Two lanes
2729	15.3	39089	9.7 3 Three lanes
3288	18.4	64645	16.0 4 Four lanes
1925	10.8	49299	12.2 5 Five lanes
378	2.1	6468	1.6 6 Six lanes
266	1.5	4508	1.1 7 Seven lanes
64	0.4	994	0.2 8 Eight lanes
40	0.2	428	0.1 9 Nine lanes
229	1.3	5201	1.3 99 Uncoded & errors, nonnumeric data

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

Truck Prcnt	Census Prcnt	Code Value and Description	
34	0.2	1182	0.3 0 Uncoded & errors
16197	90.5	352137	87.2 1 On the road
90	0.5	2289	0.6 2 In the median
627	3.5	14393	3.6 3 On the shoulder
673	3.8	27315	6.8 4 Outside of the shoulder/curb-line
24	0.1	685	0.2 5 In the gore (area between ramp and Xway convergence)
249	1.4	5765	1.4 6 Unknown relationship

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
354	2.0	7441	1.8 0 Uncoded & errors
934	5.2	12570	3.1 1 Entrance/exit ramp related
56	0.3	750	0.2 2 Median crossing related
297	1.7	3487	0.9 3 Transition area
17	0.1	174	0.0 4 Rest area related
7	0.0	100	0.0 5 Scale/weigh station related
2580	14.4	26838	6.6 6 All other freeway areas

Variable 22: AREA OF ROAD AT CRASH (Continued)

Truck Prcnt	Census Prcnt	Code Value and Description		
Related to or within 150' of an intersection				
3399	19.0	76650	19.0	7 Within intersection
1033	5.8	25296	6.3	8 Driveway related/150'
2089	11.7	40495	10.0	9 Other intersect related
Other area				
4941	27.6	159576	39.5	10 Straight road unrelated others
427	2.4	12828	3.2	11 Curved road unrelated others
750	4.2	17096	4.2	12 Driveway related
377	2.1	10457	2.6	13 Parking related
98	0.5	1583	0.4	14 Transition area
129	0.7	1614	0.4	15 Median crossing related
101	0.6	740	0.2	16 Rail crossing related
15	0.1	292	0.1	17 Rest area
7	0.0	102	0.0	18 Scale/weigh station related
68	0.4	1670	0.4	19 Nontraffic area
211	1.2	3795	0.9	20 Other
4	0.0	212	0.1	21 Unknown

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

Truck Prcnt	Census Prcnt	Code Value and Description		
169	0.9	3957	1.0	0 Uncoded & errors
13313	74.4	293569	72.7	1 Dry
3014	16.8	70913	17.6	2 Wet
633	3.5	14631	3.6	3 Icy
542	3.0	13816	3.4	4 Snowy
21	0.1	656	0.2	5 Muddy
141	0.8	3143	0.8	6 Slushy
9	0.1	276	0.1	7 Debris
52	0.3	2805	0.7	8 Other

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

Truck Prcnt	Census Prcnt	Code Value and Description		
67	0.4	1299	0.3	0 Stopped
5	0.0	139	0.0	5 5 miles per hour
23	0.1	329	0.1	10 10 miles per hour
0	0.0	1	0.0	13
91	0.5	1609	0.4	15 15 miles per hour
19	0.1	468	0.1	20 20 miles per hour
0	0.0	2	0.0	24
3290	18.4	71954	17.8	25 25 miles per hour
0	0.0	2	0.0	26

Variable 24: SPEED LIMIT AT CRASHSITE (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
1258	7.0	24604 6.1	30 30 miles per hour
0	0.0	3 0.0	33
0	0.0	5 0.0	34
2526	14.1	57198 14.2	35 35 miles per hour
0	0.0	1 0.0	36
1024	5.7	29399 7.3	40 40 miles per hour
0	0.0	2 0.0	44
2286	12.8	57088 14.1	45 45 miles per hour
0	0.0	3 0.0	46
607	3.4	12747 3.2	50 50 miles per hour
3739	20.9	108788 26.9	55 55 miles per hour
1	0.0	1 0.0	56
87	0.5	692 0.2	60 60 miles per hour
726	4.1	8539 2.1	65 65 miles per hour
2145	12.0	28893 7.2	99 Uncoded & errors

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

Truck Prcnt	Census Prcnt	Code	Value and Description
1183	6.6	26468 6.6	0 Uncoded & errors
13845	77.4	293700 72.7	1 Yes
2866	16.0	83598 20.7	2 No

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

Truck Prcnt	Census Prcnt	Code	Value and Description
1214	6.8	32786 8.1	0 Uncoded & errors
4141	23.1	79871 19.8	1 Signal
1858	10.4	42621 10.6	2 Stop Sign
135	0.8	3367 0.8	3 Yield Sign
10546	58.9	245121 60.7	4 None

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

Truck Prcnt	Census Prcnt	Code	Value and Description
17048	95.3	396358 98.2	0 Uncoded & errors
817	4.6	7049 1.7	1 Construction/Maintenance
29	0.2	359 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		
16859	94.2	391371	96.9	0 Uncoded & errors
557	3.1	4806	1.2	1 Yes
478	2.7	7589	1.9	2 No

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

Truck Prcnt	Census Prcnt	Code Value and Description		
16533	92.4	383686	95.0	0 Uncoded & errors
714	4.0	8407	2.1	1 On road
136	0.8	1178	0.3	2 Off road
511	2.9	10495	2.6	3 None

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

Truck Prcnt	Census Prcnt	Code Value and Description		
94	0.5	2382	0.6	0 Uncoded & errors
9464	52.9	215667	53.4	1 Clear
5366	30.0	115426	28.6	2 Cloudy
129	0.7	3226	0.8	3 Fog/smoke
1767	9.9	41555	10.3	4 Rain
941	5.3	20586	5.1	5 Snow/blowing snow
39	0.2	728	0.2	6 Severe wind
37	0.2	1094	0.3	7 Sleet/hail
57	0.3	3102	0.8	8 Other

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

Truck Prcnt	Census Prcnt	Code Value and Description		
113	0.6	3116	0.8	0 Uncoded & errors
14041	78.5	248103	61.4	1 Daylight
535	3.0	12314	3.0	2 Dawn
317	1.8	14387	3.6	3 Dusk
1320	7.4	50881	12.6	4 Dark lighted
1548	8.7	73153	18.1	5 Dark unlighted
20	0.1	1812	0.4	6 Other

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

Truck Prcnt	Census Prcnt	Code Value and Description		
205	1.1	4825	1.2	0 Uncoded & errors
2652	14.8	121949	30.2	1 Single vehicle
261	1.5	7456	1.8	2 Head on
265	1.5	13184	3.3	3 Head on left
2912	16.3	80533	19.9	4 Angle
3957	22.1	99471	24.6	5 Rear end
192	1.1	4638	1.1	6 Rear end left
162	0.9	3304	0.8	7 Rear end right
4223	23.6	34196	8.5	8 Sideswipe same direction
1046	5.8	11421	2.8	9 Sideswipe opposite direction
2019	11.3	22789	5.6	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		
251	1.4	7427	1.8	0 Uncoded & errors
14522	81.2	285784	70.8	1 Yes
3121	17.4	110555	27.4	2 No

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

Truck Prcnt	Census Prcnt	Code Value and Description		
3274	18.3	72279	17.9	0 Uncoded & errors
432	2.4	10454	2.6	1 Closed
14188	79.3	321033	79.5	2 Open

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

Truck Prcnt	Census Prcnt	Code Value and Description		
16551	92.5	374785	92.8	0 Uncoded & errors
762	4.3	14091	3.5	1 Yes
581	3.2	14890	3.7	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		
4070	22.7	151886	37.6	1	Single traffic unit
0	0.0	114164	28.3	2	Car - car
9057	50.6	79067	19.6	3	Car - truck
0	0.0	1079	0.3	4	Car - motorcycle, moped
0	0.0	963	0.2	5	Car - other
6	0.0	758	0.2	6	Car - pedestrian, pedalcyclist
3278	18.3	17679	4.4	7	Truck - truck
30	0.2	311	0.1	8	Truck - motorcycle
56	0.3	447	0.1	9	Truck - other
11	0.1	259	0.1	10	Truck - pedestrian, pedalcyclist
0	0.0	47	0.0	11	Motorcycle - motorcycle
0	0.0	8	0.0	12	Motorcycle - other
0	0.0	4	0.0	13	Motorcycle - pedestrian, pedalcyclist
0	0.0	51	0.0	14	Other - other
1	0.0	4	0.0	15	Other - pedestrian, pedalcyclist
1088	6.1	21786	5.4	16	Three or more traffic units
297	1.7	15253	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	385872	95.6	0	None
17622	98.5	17622	4.4	1	One form
261	1.5	261	0.1	2	Two forms
10	0.1	10	0.0	3	Three forms
1	0.0	1	0.0	4	Four forms

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

Truck Prcnt	Census Prcnt	Code	Value and Description		
2766	15.5	124520	30.8	1	One unit
13974	78.1	255720	63.3	2	Two units
947	5.3	19780	4.9	3	Three units
149	0.8	3073	0.8	4	Four units
37	0.2	514	0.1	5	Five units
14	0.1	112	0.0	6	Six units
2	0.0	31	0.0	7	Seven units

Variable 38:TOTAL UNITS REPORTED (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
2	0.0	10	0.0 8 Eight units
3	0.0	6	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	400	0.1 0 None
4062	22.7	151608	37.5 1 One unit
12776	71.4	230885	57.2 2 Two units
858	4.8	17752	4.4 3 Three units
134	0.7	2616	0.6 4 Four units
30	0.2	395	0.1 5 Five units
12	0.1	77	0.0 6 Six units
1	0.0	22	0.0 7 Seven units
2	0.0	7	0.0 8 Eight units
3	0.0	4	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
17580	98.2	397311	98.4 0 Uncoded & errors
314	1.8	6455	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

Truck Prcnt	Census Prcnt	Code	Value and Description
17780	99.4	401740	99.5 0 Uncoded & errors
114	0.6	2026	0.5 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
3465	19.4	120013	29.7 0 Uncoded & errors
14429	80.6	283753	70.3 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
16741	93.6	363234	90.0 0 Uncoded & errors
1153	6.4	40532	10.0 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
17882	99.9	402668	99.7 0 Uncoded & errors
12	0.1	1098	0.3 1 Yes

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

FLAG: DEER WAS INVOLVED/ASSOCIATED WITH CRASH

SPECIAL CIRCUMSTANCES FLAG AS CODED OFFICER

Truck Prcnt	Census Prcnt	Code	Value and Description
17264	96.5	338369	83.8 0 Uncoded & errors
630	3.5	65397	16.2 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		
17264	96.5	338369	83.8	0 Uncoded & errors
630	3.5	65397	16.2	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		
16831	94.1	402492	99.7	0 Uncoded & errors
1063	5.9	1274	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		
16831	94.1	402492	99.7	0 Uncoded & errors
1063	5.9	1274	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		
17494	97.8	384202	95.2	0 Uncoded & errors
400	2.2	19564	4.8	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
17807	99.5	400046	99.1 0 Uncoded & errors
87	0.5	3720	0.9 1 This crash involved a pedestrian

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

AT LEAST ONE OF THE CRASH OCCUPANTS CODED PEDESTRIAN

SPECIAL CIRCUMSTANCES FLAG AS CODED OFFICER

Truck Prcnt	Census Prcnt	Code	Value and Description
131	0.7	6797	1.7 1 Pedestrian record present
17763	99.3	396969	98.3 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
17850	99.8	400688	99.2 0 Uncoded & errors
44	0.2	3078	0.8 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
17892	100.0	403422	99.9 0 Uncoded & errors
2	0.0	344	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
17865	99.8	400766	99.3 0 Uncoded & errors
29	0.2	3000	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
17893	100.0	403575	100.0 0 Uncoded & errors
1	0.0	191	0.0 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
17868	99.9	403549	99.9 0 Uncoded & errors
26	0.1	217	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
17882	99.9	403513	99.9 0 Uncoded & errors
12	0.1	253	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	384908	95.3 0 Uncoded & errors

Variable 58:FLAG: TRUCK OR BUS (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
17894	100.0	18858 4.7	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
17627	98.5	400039 99.1	0 Uncoded & errors
267	1.5	3727 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
17894	100.0	403766 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
3760	21.0	92372 22.9	0 Uncoded & errors
14134	79.0	311394 77.1	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
14280	79.8	312629 77.4	0 Uncoded & errors
3614	20.2	91137 22.6	1 This is an injury crash (injuries but no deaths)

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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		
17748	99.2	402531	99.7	0 Uncoded & errors
146	0.8	1235	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		
14214	79.4	311989	77.3	0 None
2715	15.2	64274	15.9	1 One injured
651	3.6	19049	4.7	2 Two injured
200	1.1	5892	1.5	3 Three injured
68	0.4	1768	0.4	4 Four injured
23	0.1	545	0.1	5 Five injured
11	0.1	151	0.0	6 Six injured
2	0.0	47	0.0	7 Seven injured
2	0.0	25	0.0	8 Eight injured
				-
1	0.0	1	0.0	41 Forty-one injured

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

Truck Prcnt	Census Prcnt	Code Value and Description		
17748	99.2	402531	99.7	0 None
131	0.7	1124	0.3	1 One killed
13	0.1	96	0.0	2 Two killed
2	0.0	12	0.0	3 Three killed
0	0.0	3	0.0	5 Five killed

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

Truck Prcnt	Census Prcnt	Code Value and Description		
146	0.8	1235	0.3	1 Fatal
577	3.2	10966	2.7	2 A - incapacitating injury
922	5.2	23644	5.9	3 B - nonincapacitating injury
2115	11.8	56527	14.0	4 C - possible injury
14134	79.0	311394	77.1	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
17748	99.2	402531	99.7 0 0 killed
131	0.7	1124	0.3 1 1 killed
13	0.1	96	0.0 2 2 killed
2	0.0	12	0.0 3 3 killed
0	0.0	3	0.0 5 5 killed

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

Truck Prcnt	Census Prcnt	Code	Value and Description
17291	96.6	392456	97.2 0 0 A-injured
519	2.9	9069	2.2 1 1 A-injured
56	0.3	1662	0.4 2 2 A-injured
20	0.1	421	0.1 3 3 A-injured
6	0.0	113	0.0 4 4 A-injured
2	0.0	27	0.0 5 5 A-injured
0	0.0	12	0.0 6 6 A-injured
0	0.0	2	0.0 7 7 A-injured
0	0.0	1	0.0 8 8 A-injured
0	0.0	2	0.0 9 9 A-injured
0	0.0	1	0.0 10 10 A-injured

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

Truck Prcnt	Census Prcnt	Code	Value and Description
16874	94.3	377965	93.6 0 0 B-injured
874	4.9	21220	5.3 1 1 B-injured
115	0.6	3605	0.9 2 2 B-injured
21	0.1	732	0.2 3 3 B-injured
6	0.0	179	0.0 4 4 B-injured
1	0.0	41	0.0 5 5 B-injured
2	0.0	15	0.0 6 6 B-injured
0	0.0	5	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
0	0.0	1	0.0 10 10 B-injured

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

Truck Prcnt	Census Prcnt	Code Value and Description			
15449	86.3	338925	83.9	0	0 C-injured
1918	10.7	49280	12.2	1	1 C-injured
363	2.0	11787	2.9	2	2 C-injured
108	0.6	2849	0.7	3	3 C-injured
36	0.2	672	0.2	4	4 C-injured
10	0.1	188	0.0	5	5 C-injured
2	0.0	40	0.0	6	6 C-injured
4	0.0	14	0.0	7	7 C-injured
0	0.0	5	0.0	8	8 C-injured
1	0.0	2	0.0	9	9 C-injured
1	0.0	1	0.0	10	10 C-injured
0	0.0	1	0.0	11	11 C-injured
1	0.0	1	0.0	24	24 C-injured
1	0.0	1	0.0	36	36 C-injured

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

Truck Prcnt	Census Prcnt	Code Value and Description			
14214	79.4	311989	77.3	0	0 injured
2715	15.2	64274	15.9	1	1 injured
651	3.6	19049	4.7	2	2 injured
200	1.1	5892	1.5	3	3 injured
68	0.4	1768	0.4	4	4 injured
23	0.1	545	0.1	5	5 injured
11	0.1	151	0.0	6	6 injured
2	0.0	47	0.0	7	7 injured
2	0.0	25	0.0	8	8 injured
3	0.0	14	0.0	9	9 injured
2	0.0	4	0.0	10	10 injured
1	0.0	5	0.0	11	11 injured
0	0.0	1	0.0	12	12 injured
1	0.0	1	0.0	24	24 injured
1	0.0	1	0.0	41	41 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			
14134	79.0	311394	77.1	0	0 casualties
2743	15.3	64490	16.0	1	1 casualty
683	3.8	19222	4.8	2	2 casualties
213	1.2	6009	1.5	3	3 casualties

Variable 72:TOTAL CASUALTIES IN ACC (Continued)

Truck Prcnt	Census Prcnt	Code	Value	Description
72	0.4	1806	0.4	4 4 casualties
26	0.1	568	0.1	5 5 casualties
11	0.1	168	0.0	6 6 casualties
2	0.0	55	0.0	7 7 casualties
2	0.0	26	0.0	8 8 casualties
2	0.0	14	0.0	9 9 casualties
3	0.0	6	0.0	10 10 casualties
1	0.0	4	0.0	11 11 casualties
0	0.0	2	0.0	12 12 casualties
1	0.0	1	0.0	24 24 casualties
1	0.0	1	0.0	41 41 casualties

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

TOTAL UNINJURED OCC RECORDS PRESENT FOR CRASH

Truck Prcnt	Census Prcnt	Code	Value	Description
955	5.3	49382	12.2	0 0 persons
6565	36.7	180169	44.6	1 1 person
9847	55.0	163082	40.4	2 2 persons
453	2.5	9811	2.4	3 3 persons
56	0.3	1148	0.3	4 4 persons
12	0.1	129	0.0	5 5 persons
1	0.0	29	0.0	6 6 persons
2	0.0	10	0.0	7 7 persons
2	0.0	5	0.0	8 8 persons
1	0.0	1	0.0	9 9 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
17894	52.0	403766	56.9 1 Unit one
15116	43.9	278669	39.3 2 Unit two
1129	3.3	22991	3.2 3 Unit three
197	0.6	3547	0.5 4 Unit four
54	0.2	603	0.1 5 Unit five
20	0.1	138	0.0 6 Unit six
6	0.0	36	0.0 7 Unit seven
5	0.0	11	0.0 8 Unit eight
3	0.0	4	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
385	1.1	27244	3.8 0 Uncoded & errors
11569	33.6	486059	68.5 1 Passenger & station wagon (PA)
1447	4.2	53685	7.6 2 Van, motorhome (VA)
2076	6.0	103206	14.5 3 Pickup (PU)
276	0.8	13294	1.9 4 Truck under 10,000 lbs. (ST)
29	0.1	3060	0.4 5 Cycle (CY)
2	0.0	274	0.0 6 Moped (MO)
0	0.0	16	0.0 7 Go-cart (GC)
2	0.0	387	0.1 8 Snowmobile (SM)
1	0.0	200	0.0 9 Off Road Vehicle-ORV/All Terrain Vehicle-ATV (OR)
88	0.3	2827	0.4 10 Other
18549	53.9	19513	2.7 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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2833	8.2	2833	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.

7851	22.8	7851	1.1	1	Commercial truck AA (Group A vehicle)
234	0.7	234	0.0	2	Commercial truck AH (Group A vehicle, Hazardous)
204	0.6	204	0.0	3	Commercial truck AN (Group A vehicle, Tank)
93	0.3	93	0.0	4	Commercial truck AP (Group A vehicle, Passenger)
740	2.1	740	0.1	5	Commercial truck AT (Group A vehicle, Double/Triple)
216	0.6	216	0.0	6	Commercial truck AX (Group A vehicle, Tank & Hazardous)
50	0.1	50	0.0	7	Commercial truck AY (Group A vehicle, Tank & Double/Triple)
40	0.1	40	0.0	8	Commercial truck AZ (Group A vehicle, Hazardous, Double/Triple)
50	0.1	50	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.

2736	7.9	2736	0.4	10	Commercial truck BB (Group B)
56	0.2	56	0.0	11	Commercial truck BH (Group B, Hazardous)
110	0.3	110	0.0	12	Commercial truck BN (Group B, Tank)
1254	3.6	1254	0.2	13	Commercial truck BP (Group B, Passenger)
58	0.2	58	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.

73	0.2	73	0.0	15	Commercial truck CH (Group C, Hazardous)
409	1.2	409	0.1	16	Commercial truck CP (Group C, Passenger)
47	0.1	47	0.0	17	Commercial truck CX (Group C, Tank & Hazardous)
1124	3.3	1124	0.2	18	Other
16246	47.2	691587	97.4	98	Non-CDL vehicle, no truck supplement data

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

CDL TRK BODY STYLE FROM TRUCK SUPPLEMENT DATA

Truck Prcnt	Census Prcnt	Code	Value and Description
6802	19.8	6802	1.0 0 Uncoded & errors
5282	15.3	5282	0.7 1 Van/enclosed box
529	1.5	529	0.1 2 Cargo tank
1628	4.7	1628	0.2 3 Flatbed/platform
1404	4.1	1404	0.2 4 Dump
137	0.4	137	0.0 5 Concrete mixer
233	0.7	233	0.0 6 Auto transporter
473	1.4	473	0.1 7 Garbage/refuse
1690	4.9	1690	0.2 8 Other/unknown
16246	47.2	691587	97.4 98 Non-CDL vehicle, no truck supplement data

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

Truck Prcnt	Census Prcnt	Code	Value and Description
32428	94.2	703234	99.1 0 Uncoded & errors
85	0.2	3074	0.4 1 Police
162	0.5	441	0.1 2 Fire
1255	3.6	1391	0.2 3 Bus
30	0.1	336	0.0 4 Ambulance
26	0.1	217	0.0 5 Farm
438	1.3	1072	0.2 6 Construction

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

Truck Prcnt	Census Prcnt	Code	Value and Description
1640	4.8	53336	7.5 0 Uncoded & errors
14379	41.8	605491	85.3 1 Private
15454	44.9	39917	5.6 2 Commercial
101	0.3	895	0.1 3 Pursuit/emergency (in use)
97	0.3	454	0.1 4 Farm
1274	3.7	1695	0.2 5 School/education
45	0.1	358	0.1 6 Club/church ("Y" tag)
7	0.0	102	0.0 7 Military vehicle
697	2.0	4199	0.6 8 Other government nonemergency vehicle
146	0.4	590	0.1 9 Utility
349	1.0	836	0.1 10 Road construction/maintenance
235	0.7	1892	0.3 11 Other

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

Truck Prcnt	Census Prcnt	Code Value and Description		
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33981	98.7	704762	99.3	0	Uncoded & errors
141	0.4	1953	0.3	1	Brakes
53	0.2	438	0.1	2	Lights/reflectors
18	0.1	275	0.0	3	Steering
92	0.3	751	0.1	4	Tires/wheels
4	0.0	145	0.0	5	Windows
135	0.4	1441	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		
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Noncommercial Trailer Configuration					
33663	97.8	705343	99.4	0	Uncoded & errors
221	0.6	1910	0.3	1	Utility
39	0.1	370	0.1	2	House
20	0.1	525	0.1	3	Boat
21	0.1	216	0.0	4	Farm
42	0.1	231	0.0	5	Towed auto
7	0.0	109	0.0	6	Recreational double
411	1.2	1061	0.1	7	Other

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

UNCODED, ERRORS = 'MI' SANITIZED = SPACES

Truck Prcnt	Census Prcnt	Code Value and Description		
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39	0.1	206	0.0	1	Alabama
3	0.0	50	0.0	2	Alaska
9	0.0	135	0.0	3	Arizona
10	0.0	102	0.0	4	Arkansas
17	0.0	332	0.0	5	California
5	0.0	121	0.0	6	Colorado
5	0.0	48	0.0	7	Connecticut
1	0.0	18	0.0	8	Delaware
0	0.0	2	0.0	9	District of Columbia
102	0.3	1156	0.2	10	Florida
51	0.1	318	0.0	11	Georgia
0	0.0	3	0.0	12	Hawaii
10	0.0	33	0.0	13	Idaho
988	2.9	2967	0.4	14	Illinois
614	1.8	2969	0.4	15	Indiana
121	0.4	241	0.0	16	Iowa
13	0.0	75	0.0	17	Kansas

Variable 108:REGISTRATION STATE (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
49	0.1	274	0.0 18 Kentucky
8	0.0	97	0.0 19 Louisiana
20	0.1	59	0.0 20 Maine
16	0.0	126	0.0 21 Maryland
23	0.1	124	0.0 22 Massachusetts
29271	85.0	687498	96.9 23 Michigan
57	0.2	351	0.0 24 Minnesota
19	0.1	79	0.0 25 Mississippi
74	0.2	262	0.0 26 Missouri
9	0.0	40	0.0 27 Montana
52	0.2	94	0.0 28 Nebraska
1	0.0	22	0.0 29 Nevada
2	0.0	20	0.0 30 New Hampshire
25	0.1	151	0.0 31 New Jersey
4	0.0	43	0.0 32 New Mexico
60	0.2	411	0.1 33 New York
81	0.2	335	0.0 34 North Carolina
10	0.0	38	0.0 35 North Dakota
838	2.4	4231	0.6 36 Ohio
364	1.1	468	0.1 37 Oklahoma
39	0.1	106	0.0 38 Oregon
79	0.2	412	0.1 39 Pennsylvania
0	0.0	1	0.0 40 Puerto Rico
0	0.0	11	0.0 41 Rhode Island
6	0.0	136	0.0 42 South Carolina
14	0.0	49	0.0 43 South Dakota
239	0.7	627	0.1 44 Tennessee
73	0.2	559	0.1 45 Texas
12	0.0	37	0.0 46 Utah
0	0.0	13	0.0 47 Vermont
21	0.1	230	0.0 48 Virginia
6	0.0	68	0.0 49 Washington
15	0.0	83	0.0 50 West Virginia
293	0.9	1732	0.2 51 Wisconsin
2	0.0	26	0.0 52 Wyoming
12	0.0	30	0.0 53 Alberta
6	0.0	9	0.0 54 British Columbia
15	0.0	20	0.0 55 Manitoba
4	0.0	12	0.0 56 New Brunswick
0	0.0	0	0.0 57 Newfoundland
0	0.0	0	0.0 58 Northwest Territories
4	0.0	6	0.0 59 Nova Scotia
522	1.5	1688	0.2 60 Ontario
1	0.0	1	0.0 61 Prince Edward Island
47	0.1	72	0.0 62 Quebec
0	0.0	1	0.0 63 Saskatchewan
0	0.0	0	0.0 64 Yukon
0	0.0	1	0.0 65 Mexico
43	0.1	336	0.0 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
1058	3.1	12723	1.8 0 Rollover
5958	17.3	186201	26.2 1 Front center
3754	10.9	86638	12.2 2 Front corner, passenger side
2972	8.6	45900	6.5 3 Side, passenger
1846	5.4	30462	4.3 4 Rear corner, passenger side
3703	10.8	98612	13.9 5 Rear center
2307	6.7	31035	4.4 6 Rear corner, driver side
3425	9.9	53255	7.5 7 Side, driver
3979	11.6	91408	12.9 8 Front corner, driver side
248	0.7	4502	0.6 9 Undercarriage
843	2.4	14480	2.0 10 Multiple areas
1239	3.6	6784	1.0 11 Other/unknown
1760	5.1	9681	1.4 12 None
1332	3.9	38084	5.4 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
5652	16.4	35459	5.0 0 No damage
12249	35.6	234309	33.0 1 Slight damage
6367	18.5	179199	25.2 2 Slight damage
3724	10.8	108187	15.2 3 Moderate damage
2068	6.0	55218	7.8 4 Moderate damage
1167	3.4	25914	3.7 5 Moderate damage
727	2.1	13633	1.9 6 Heavy damage
699	2.0	8445	1.2 7 Heavy damage, not repairable
1771	5.1	49401	7.0 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
2558	7.4	70345	9.9 0 Uncoded & errors
25366	73.7	477946	67.3 1 Yes
6500	18.9	161474	22.8 2 No

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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				Driver/cyclist action	
1086	3.2	23831	3.4	0	Uncoded & errors
14942	43.4	357084	50.3	1	Going straight
2532	7.4	54788	7.7	2	Turning left
2363	6.9	19914	2.8	3	Turning right
3771	11.0	70339	9.9	4	Stopped on road
33	0.1	965	0.1	5	In prior crash
1602	4.7	16275	2.3	6	Change lanes
1548	4.5	18169	2.6	7	Backing
2315	6.7	59239	8.3	8	Slowing/stopping on road
49	0.1	841	0.1	9	Slowing/stopping on other
639	1.9	13408	1.9	10	Starting up on road
22	0.1	407	0.1	11	Starting up on other
61	0.2	1051	0.1	12	Enter parking
111	0.3	2873	0.4	13	Leave parking
465	1.4	11164	1.6	14	Enter road
51	0.1	1361	0.2	15	Leave road
65	0.2	1769	0.2	16	U-turn
523	1.5	6197	0.9	17	Overtake/passing
50	0.1	2013	0.3	18	Avoiding object
9	0.0	212	0.0	19	Avoiding pedestrian
374	1.1	5449	0.8	20	Avoid vehicle (front/back)
139	0.4	2434	0.3	21	Avoid vehicle (angle)
38	0.1	543	0.1	22	Driverless moving
1428	4.1	29984	4.2	23	Parked
				Pedestrian action	
13	0.0	1367	0.2	24	Crossing at intersection
15	0.0	1494	0.2	25	Crossing not at intersection
8	0.0	98	0.0	26	Getting on/off vehicle
8	0.0	206	0.0	27	In road with traffic
1	0.0	99	0.0	28	In road against traffic
8	0.0	161	0.0	29	Stand/lay in road
6	0.0	72	0.0	30	Push/work on vehicle
1	0.0	48	0.0	31	Other work in road
3	0.0	114	0.0	32	Playing in road
9	0.0	247	0.0	33	Other reason in road
11	0.0	216	0.0	34	Not in road
52	0.2	844	0.1	35	Other
73	0.2	4489	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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970	2.8	29829	4.2	0	Uncoded & errors
8198	23.8	162954	23.0	1	East

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Variable 113: DIRECTION OF TRAVEL (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
8106	23.5	171229	24.1 2 North
241	0.7	3698	0.5 3 Northeast
223	0.6	4134	0.6 4 Northwest
8182	23.8	168817	23.8 5 South
207	0.6	4084	0.6 6 Southeast
245	0.7	3598	0.5 7 Southwest
8052	23.4	161422	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			
1098	3.2	21276	3.0 0 Uncoded & errors
1550	4.5	42787	6.0 1 Loss of control
342	1.0	6604	0.9 2 Cross center/median
188	0.5	5095	0.7 3 Ran off road left
441	1.3	11423	1.6 4 Ran off road right
32	0.1	499	0.1 5 Re-enter road
123	0.4	1057	0.1 6 Overturn
266	0.8	3773	0.5 7 Separation of units
82	0.2	2171	0.3 8 Fire/explosion
5	0.0	140	0.0 9 Immersion
69	0.2	597	0.1 10 Jackknife
21	0.1	210	0.0 11 Downhill runaway
382	1.1	1254	0.2 12 Cargo loss/shift
16	0.0	309	0.0 13 Individual fell off
590	1.7	5518	0.8 14 Other noncollision
Collision With Nonfixed Object			
71	0.2	3285	0.5 15 Pedestrian
33	0.1	3011	0.4 16 Pedalcycle
25671	74.6	499492	70.4 17 Motor-vehicle in transport
1032	3.0	20266	2.9 18 Parked vehicle
10	0.0	224	0.0 19 Railway train
652	1.9	63965	9.0 20 Animal
771	2.2	6338	0.9 21 Other nonfixed object
Collision With Fixed Object			
143	0.4	323	0.0 22 Bridge pier or abutment
21	0.1	368	0.1 23 Bridge parapet end
18	0.1	122	0.0 24 Bridge rail
19	0.1	438	0.1 25 Guardrail face
4	0.0	59	0.0 26 Guardrail end
17	0.0	416	0.1 27 Median barrier
44	0.1	535	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
41	0.1	30	Luminaire support
145	0.4	31	Utility pole
29	0.1	32	Other pole
2	0.0	33	Culvert
40	0.1	34	Curb
17	0.0	35	Ditch
7	0.0	36	Embankment
14	0.0	37	Fence
14	0.0	38	Mailbox
60	0.2	39	Tree
19	0.1	40	Rail crossing signal
19	0.1	41	Building
3	0.0	42	Traffic island
28	0.1	43	Fire hydrant
2	0.0	44	Impact attenuator/crash cushion
256	0.7	45	Other fixed object

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

2ND EVENT CAUSING INJURY OR PROPERTY DAMAGE

Truck Prcnt	Census Prcnt	Code	Value and Description		
Noncollision Event					
29979	87.1	612604	86.3	0	Uncoded & errors
308	0.9	5721	0.8	1	Loss of control
155	0.5	3951	0.6	2	Cross center/median
209	0.6	9033	1.3	3	Ran off road left
337	1.0	12899	1.8	4	Ran off road right
34	0.1	1021	0.1	5	Re-enter road
179	0.5	2376	0.3	6	Overturn
81	0.2	1527	0.2	7	Separation of units
13	0.0	188	0.0	8	Fire/explosion
0	0.0	45	0.0	9	Immersion
127	0.4	260	0.0	10	Jackknife
2	0.0	28	0.0	11	Downhill runaway
38	0.1	90	0.0	12	Cargo loss/shift
7	0.0	254	0.0	13	Individual fell off
27	0.1	509	0.1	14	Other noncollision
Collision With Nonfixed Object					
11	0.0	327	0.0	15	Pedestrian
0	0.0	125	0.0	16	Pedalcycle
1996	5.8	28374	4.0	17	Motor-vehicle in transport
109	0.3	2797	0.4	18	Parked vehicle
2	0.0	18	0.0	19	Railway train
15	0.0	617	0.1	20	Animal
71	0.2	962	0.1	21	Other nonfixed object

Variable 115:HARMFUL EVENT #2 (Continued)

Truck Prcnt	Census Prcnt	Code Value and Description		
Collision With Fixed Object				
15	0.0	316	0.0	22 Bridge pier or abutment
1	0.0	54	0.0	23 Bridge parapet end
14	0.0	290	0.0	24 Bridge rail
65	0.2	1724	0.2	25 Guardrail face
6	0.0	267	0.0	26 Guardrail end
76	0.2	1892	0.3	27 Median barrier
53	0.2	1858	0.3	28 Traffic sign post
8	0.0	153	0.0	29 Signal post
14	0.0	321	0.0	30 Luminaire support
65	0.2	1884	0.3	31 Utility pole
18	0.1	652	0.1	32 Other pole
5	0.0	373	0.1	33 Culvert
104	0.3	3365	0.5	34 Curb
95	0.3	3713	0.5	35 Ditch
24	0.1	886	0.1	36 Embankment
9	0.0	862	0.1	37 Fence
16	0.0	1501	0.2	38 Mailbox
49	0.1	3580	0.5	39 Tree
2	0.0	30	0.0	40 Rail crossing signal
12	0.0	438	0.1	41 Building
0	0.0	55	0.0	42 Traffic island
11	0.0	284	0.0	43 Fire hydrant
1	0.0	28	0.0	44 Impact attenuator/crash cushion
61	0.2	1513	0.2	45 Other fixed object

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

THIRD EVENT CAUSING INJURY OR PROPERTY DAMAGE

Truck Prcnt	Census Prcnt	Code Value and Description		
Noncollision Event				
32757	95.2	667798	94.1	0 Uncoded & errors
24	0.1	565	0.1	1 Loss of control
31	0.1	469	0.1	2 Cross center/median
119	0.3	3155	0.4	3 Ran off road left
101	0.3	2087	0.3	4 Ran off road right
48	0.1	918	0.1	5 Re-enter road
162	0.5	4712	0.7	6 Overturn
36	0.1	278	0.0	7 Separation of units
7	0.0	68	0.0	8 Fire/explosion
2	0.0	57	0.0	9 Immersion
48	0.1	110	0.0	10 Jackknife
1	0.0	12	0.0	11 Downhill runaway
18	0.1	45	0.0	12 Cargo loss/shift
2	0.0	145	0.0	13 Individual fell off
9	0.0	142	0.0	14 Other noncollision

Variable 116:HARMFUL EVENT #3 (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
Collision With Nonfixed Object			
5	0.0	66	0.0 15 Pedestrian
1	0.0	17	0.0 16 Pedalcycle
447	1.3	5124	0.7 17 Motor-vehicle in transport
33	0.1	792	0.1 18 Parked vehicle
0	0.0	4	0.0 19 Railway train
3	0.0	24	0.0 20 Animal
11	0.0	301	0.0 21 Other nonfixed object
Collision With Fixed Object			
9	0.0	168	0.0 22 Bridge pier or abutment
1	0.0	23	0.0 23 Bridge parapet end
12	0.0	123	0.0 24 Bridge rail
60	0.2	1076	0.2 25 Guardrail face
8	0.0	194	0.0 26 Guardrail end
74	0.2	1018	0.1 27 Median barrier
30	0.1	1484	0.2 28 Traffic sign post
5	0.0	124	0.0 29 Signal post
3	0.0	267	0.0 30 Luminaire support
40	0.1	1468	0.2 31 Utility pole
12	0.0	560	0.1 32 Other pole
5	0.0	435	0.1 33 Culvert
29	0.1	1087	0.2 34 Curb
111	0.3	4581	0.6 35 Ditch
26	0.1	1178	0.2 36 Embankment
22	0.1	1007	0.1 37 Fence
13	0.0	1194	0.2 38 Mailbox
52	0.2	4982	0.7 39 Tree
2	0.0	14	0.0 40 Rail crossing signal
4	0.0	392	0.1 41 Building
1	0.0	24	0.0 42 Traffic island
6	0.0	230	0.0 43 Fire hydrant
0	0.0	15	0.0 44 Impact attenuator/crash cushion
34	0.1	1232	0.2 45 Other fixed object

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

4TH EVENT CAUSING INJURY OR PROPERTY DAMAGE

Truck Prcnt	Census Prcnt	Code	Value and Description
Noncollision Event			
33773	98.1	694217	97.8 0 Uncoded & errors
10	0.0	174	0.0 1 Loss of control
2	0.0	65	0.0 2 Cross center/median
29	0.1	330	0.0 3 Ran off road left
27	0.1	288	0.0 4 Ran off road right
16	0.0	291	0.0 5 Re-enter road
79	0.2	2856	0.4 6 Overturn

Variable 117:HARMFUL EVENT #4 (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
5	0.0	92	0.0 7 Separation of units
3	0.0	87	0.0 8 Fire/explosion
0	0.0	33	0.0 9 Immersion
21	0.1	31	0.0 10 Jackknife
0	0.0	1	0.0 11 Downhill runaway
7	0.0	26	0.0 12 Cargo loss/shift
0	0.0	73	0.0 13 Individual fell off
5	0.0	54	0.0 14 Other noncollision
Collision With Nonfixed Object			
1	0.0	28	0.0 15 Pedestrian
1	0.0	11	0.0 16 Pedalcycle
182	0.5	1965	0.3 17 Motor-vehicle in transport
19	0.1	411	0.1 18 Parked vehicle
0	0.0	0	0.0 19 Railway train
0	0.0	142	0.0 20 Animal
4	0.0	118	0.0 21 Other nonfixed object
Collision With Fixed Object			
5	0.0	62	0.0 22 Bridge pier or abutment
2	0.0	24	0.0 23 Bridge parapet end
3	0.0	62	0.0 24 Bridge rail
21	0.1	321	0.0 25 Guardrail face
1	0.0	32	0.0 26 Guardrail end
34	0.1	241	0.0 27 Median barrier
6	0.0	320	0.0 28 Traffic sign post
1	0.0	30	0.0 29 Signal post
3	0.0	78	0.0 30 Luminaire support
8	0.0	513	0.1 31 Utility pole
1	0.0	134	0.0 32 Other pole
0	0.0	165	0.0 33 Culvert
4	0.0	150	0.0 34 Curb
59	0.2	1832	0.3 35 Ditch
14	0.0	484	0.1 36 Embankment
9	0.0	482	0.1 37 Fence
1	0.0	246	0.0 38 Mailbox
42	0.1	2436	0.3 39 Tree
0	0.0	4	0.0 40 Rail crossing signal
10	0.0	252	0.0 41 Building
0	0.0	4	0.0 42 Traffic island
4	0.0	83	0.0 43 Fire hydrant
1	0.0	6	0.0 44 Impact attenuator/crash cushion
11	0.0	511	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
6119	17.8	127780	18.0 0 Uncoded & errors
28305	82.2	581985	82.0 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
32161	93.4	667070	94.0 0 Uncoded & errors
2263	6.6	42695	6.0 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
33716	97.9	687286	96.8 0 Uncoded & errors
708	2.1	22479	3.2 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
34115	99.1	700560	98.7 0 Uncoded & errors
309	0.9	9205	1.3 1 Yes

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

CODED BY TDC-UMTRI BASED ON FLAGS V118-V121

Truck Prcnt	Census Prcnt	Code	Value and Description
Noncollision Event			
90	0.3	2213	0.3 0 Uncoded & errors
203	0.6	4884	0.7 1 Loss of control
34	0.1	986	0.1 2 Cross center/median
49	0.1	898	0.1 3 Ran off road left
74	0.2	1488	0.2 4 Ran off road right
8	0.0	214	0.0 5 Re-enter road
370	1.1	7811	1.1 6 Overturn
193	0.6	2928	0.4 7 Separation of units
43	0.1	1009	0.1 8 Fire/explosion
3	0.0	107	0.0 9 Immersion
130	0.4	385	0.1 10 Jackknife
8	0.0	90	0.0 11 Downhill runaway
261	0.8	897	0.1 12 Cargo loss/shift
12	0.0	458	0.1 13 Individual fell off
299	0.9	2116	0.3 14 Other noncollision
Collision With Nonfixed Object			
69	0.2	3119	0.4 15 Pedestrian
26	0.1	2877	0.4 16 Pedalcycle
25635	74.5	489170	68.9 17 Motor-vehicle in transport
1054	3.1	20536	2.9 18 Parked vehicle
11	0.0	144	0.0 19 Railway train
611	1.8	61433	8.7 20 Animal
760	2.2	6417	0.9 21 Other nonfixed object
Collision With Fixed Object			
146	0.4	689	0.1 22 Bridge pier or abutment
15	0.0	324	0.0 23 Bridge parapet end
27	0.1	429	0.1 24 Bridge rail
75	0.2	2576	0.4 25 Guardrail face
11	0.0	418	0.1 26 Guardrail end
108	0.3	2609	0.4 27 Median barrier
76	0.2	2419	0.3 28 Traffic sign post
25	0.1	257	0.0 29 Signal post
49	0.1	591	0.1 30 Luminaire support
205	0.6	3671	0.5 31 Utility pole
37	0.1	1031	0.1 32 Other pole
6	0.0	720	0.1 33 Culvert
22	0.1	1986	0.3 34 Curb
143	0.4	6868	1.0 35 Ditch
41	0.1	1683	0.2 36 Embankment
27	0.1	1471	0.2 37 Fence
21	0.1	2064	0.3 38 Mailbox
149	0.4	10195	1.4 39 Tree
21	0.1	118	0.0 40 Rail crossing signal
27	0.1	932	0.1 41 Building
3	0.0	46	0.0 42 Traffic island
39	0.1	552	0.1 43 Fire hydrant

Variable 122: MOST HARMFUL EVENT: MOST (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
1	0.0	56	0.0 44 Impact attenuator/crash cushion
294	0.9	3206	0.5 45 Other fixed object
2913	8.5	54674	7.7 98 No event coded as most harmful

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

Truck Prcnt	Census Prcnt	Code	Value and Description
16720	48.6	362226	51.0 0 None
1222	3.5	33681	4.7 1 Speed too fast
59	0.2	1364	0.2 2 Speed too slow
2206	6.4	65825	9.3 3 Fail to yield
588	1.7	16806	2.4 4 Traffic control
28	0.1	616	0.1 5 Wrong way
272	0.8	4383	0.6 6 Left of center
472	1.4	5106	0.7 7 Improper passing
1712	5.0	15802	2.2 8 Improper lane usage
1067	3.1	9331	1.3 9 Improper turn
57	0.2	975	0.1 10 Improper signal
1273	3.7	13822	1.9 11 Improper backing
3159	9.2	93593	13.2 12 Clear distance
3205	9.3	38837	5.5 13 Other
1315	3.8	18875	2.7 14 Unknown
1069	3.1	28523	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
28428	82.6	577444	81.4 0 Uncoded & errors
5996	17.4	132321	18.6 1 Yes

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

Truck Prcnt	Census Prcnt	Code	Value and Description
33173	96.4	679699	95.8 0 Uncoded & errors
1251	3.6	30066	4.2 1 Yes

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

Truck Prcnt	Census Prcnt	Code Value and Description		
6245	18.1	143215	20.2	0 Uncoded & errors
403	1.2	19917	2.8	1 Yes
27776	80.7	546633	77.0	2 No

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

Truck Prcnt	Census Prcnt	Code Value and Description		
23961	69.6	494192	69.6	0 Uncoded & errors
35	0.1	1367	0.2	1 Refused
10428	30.3	214206	30.2	2 Not offered

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

Truck Prcnt	Census Prcnt	Code Value and Description		
34320	99.7	705097	99.3	0 Uncoded & errors
104	0.3	4668	0.7	1 Yes

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

Truck Prcnt	Census Prcnt	Code Value and Description		
33831	98.3	696432	98.1	0 Uncoded & errors
593	1.7	13333	1.9	1 Yes

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

Truck Prcnt	Census Prcnt	Code Value and Description		
34286	99.6	703039	99.1	0 Uncoded & errors
138	0.4	6726	0.9	1 Yes

Variable 131	URINE TEST			Width: 1	Type: Numeric
				Dec: None	Miss: 0

Truck Prcnt	Census Prcnt	Code Value and Description			
34411	100.0	709609	100.0	0	Uncoded & errors
13	0.0	156	0.0	1	Yes

Variable 132	BLOOD TEST			Width: 1	Type: Numeric
				Dec: None	Miss: 0

Truck Prcnt	Census Prcnt	Code Value and Description			
34249	99.5	705961	99.5	0	Uncoded & errors
175	0.5	3804	0.5	1	Yes

Variable 133	TOTAL OCCUPANTS IN VEH			Width: 2	Type: Numeric
				Dec: None	Miss: 99

Truck Prcnt	Census Prcnt	Code Value and Description			
1460	4.2	34125	4.8	0	0 occupants
24671	71.7	455821	64.2	1	1 occupant or pedestrian
4277	12.4	123819	17.4	2	2 occupants
1076	3.1	35444	5.0	3	3 occupants
479	1.4	15136	2.1	4	4 occupants
178	0.5	4850	0.7	5	5 occupants
95	0.3	1446	0.2	6	6 occupants
92	0.3	517	0.1	7	7 occupants
68	0.2	263	0.0	8	8 occupants
51	0.1	132	0.0	9	9 occupants
51	0.1	99	0.0	10	10 occupants
46	0.1	100	0.0	11	11 occupants
29	0.1	148	0.0	12	12 occupants
34	0.1	82	0.0	13	13 occupants
28	0.1	72	0.0	14	14 occupants
33	0.1	87	0.0	15	15 occupants
				-	
0	0.0	6	0.0	91	91 occupants
1322	3.8	37117	5.2	99	Uncoded & errors, nonnumeric data

Variable 134	CMPTD NUMBER FATAL			Width: 3	Type: Numeric
				Dec: None	Miss: 999

CJDC COMPUTED NUMBER OF FATALITIES IN VEHICLE

Truck Prcnt	Census Prcnt	Code Value and Description			
34278	99.6	708502	99.8	0	0 killed
131	0.4	1174	0.2	1	1 killed

Variable 134:CMPTD NUMBER FATAL (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
13	0.0	78	0.0 2 2 killed
2	0.0	8	0.0 3 3 killed
0	0.0	2	0.0 4 4 killed
0	0.0	1	0.0 5 5 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
30202	87.7	599974	84.5 0 0 injured
3524	10.2	92364	13.0 1 1 injured
529	1.5	13931	2.0 2 2 injured
126	0.4	2965	0.4 3 3 injured
27	0.1	356	0.1 4 4 injured
6	0.0	114	0.0 5 5 injured
3	0.0	36	0.0 6 6 injured
1	0.0	10	0.0 7 7 injured
0	0.0	4	0.0 8 8 injured
3	0.0	8	0.0 9 9 injured
1	0.0	1	0.0 10 10 injured
1	0.0	1	0.0 24 24 injured
1	0.0	1	0.0 39 39 injured

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
146	0.4	1263	0.2 1 Fatal
614	1.8	12183	1.7 2 A - incapacitating injury
1011	2.9	26676	3.8 3 B - nonincapacitating injury
2568	7.5	70577	9.9 4 C - possible injury
30085	87.4	599066	84.4 5 No injury

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
34278	99.6	708502	99.8 0 0 killed
131	0.4	1174	0.2 1 1 killed
13	0.0	78	0.0 2 2 killed
2	0.0	8	0.0 3 3 killed
0	0.0	2	0.0 4 4 killed
0	0.0	1	0.0 5 5 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
33790	98.2	697357	98.3 0 0 A-injured
563	1.6	10832	1.5 1 1 A-injured
55	0.2	1293	0.2 2 2 A-injured
13	0.0	216	0.0 3 3 A-injured
2	0.0	45	0.0 4 4 A-injured
1	0.0	17	0.0 5 5 A-injured
0	0.0	3	0.0 6 6 A-injured
0	0.0	1	0.0 7 7 A-injured
0	0.0	1	0.0 9 9 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
33356	96.9	681870	96.1 0 0 B-injured
957	2.8	24711	3.5 1 1 B-injured
90	0.3	2692	0.4 2 2 B-injured
14	0.0	399	0.1 3 3 B-injured
3	0.0	65	0.0 4 4 B-injured
1	0.0	19	0.0 5 5 B-injured
2	0.0	6	0.0 6 6 B-injured
0	0.0	1	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

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

TDC COMPUTED TOTAL C-INJURED IN TRAFFIC UNIT

Truck Prcnt	Census Prcnt	Code Value and Description			
31705	92.1	635279	89.5	0	0 C-injured
2336	6.8	65229	9.2	1	1 C-injured
294	0.9	7761	1.1	2	2 C-injured
66	0.2	1350	0.2	3	3 C-injured
15	0.0	97	0.0	4	4 C-injured
2	0.0	36	0.0	5	5 C-injured
1	0.0	5	0.0	6	6 C-injured
2	0.0	3	0.0	7	7 C-injured
0	0.0	1	0.0	8	8 C-injured
1	0.0	2	0.0	9	9 C-injured
1	0.0	1	0.0	24	24 C-injured
1	0.0	1	0.0	36	36 C-injured

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

TDC COMPUTED TOTAL INJURED IN TRAFFIC UNIT

Truck Prcnt	Census Prcnt	Code Value and Description			
30202	87.7	599974	84.5	0	0 injured
3524	10.2	92364	13.0	1	1 injured
529	1.5	13931	2.0	2	2 injured
126	0.4	2965	0.4	3	3 injured
27	0.1	356	0.1	4	4 injured
6	0.0	114	0.0	5	5 injured
3	0.0	36	0.0	6	6 injured
1	0.0	10	0.0	7	7 injured
0	0.0	4	0.0	8	8 injured
3	0.0	8	0.0	9	9 injured
1	0.0	1	0.0	10	10 injured
1	0.0	1	0.0	24	24 injured
1	0.0	1	0.0	39	39 injured

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

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

Truck Prcnt	Census Prcnt	Code Value and Description			
30085	87.4	599066	84.4	0	0 casualties
3611	10.5	92963	13.1	1	1 casualty
550	1.6	14152	2.0	2	2 casualties
131	0.4	3014	0.4	3	3 casualties

Variable 142:TU TOTAL CASUALTIES (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
29	0.1	381	0.1 4 4 casualties
8	0.0	125	0.0 5 5 casualties
3	0.0	37	0.0 6 6 casualties
1	0.0	11	0.0 7 7 casualties
0	0.0	3	0.0 8 8 casualties
2	0.0	9	0.0 9 9 casualties
2	0.0	2	0.0 10 10 casualties
1	0.0	1	0.0 24 24 casualties
1	0.0	1	0.0 39 39 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
4727	13.7	111385	15.7 0 0 persons
22443	65.2	409555	57.7 1 1 person
3585	10.4	103366	14.6 2 2 persons
873	2.5	29419	4.1 3 3 persons
398	1.2	12272	1.7 4 4 persons
150	0.4	3697	0.5 5 5 persons
88	0.3	1125	0.2 6 6 persons
838	2.4	1829	0.3 7 7 or more persons
1322	3.8	37117	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
33319	96.8	679367	95.7 1 1 person record
852	2.5	25131	3.5 2 2 person records
189	0.5	4588	0.6 3 3 person records
33	0.1	445	0.1 4 4 person records
20	0.1	164	0.0 5 5 person records
3	0.0	41	0.0 6 6 person records
1	0.0	11	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		
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17894	52.0	403766	56.9	1 Unit #1
				-
3	0.0	4	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		
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34157	99.2	701056	98.8	1 Left front, in-line vehicle driver, Uncoded & errors
4	0.0	66	0.0	2 Center front
55	0.2	331	0.0	3 Right front
42	0.1	690	0.1	4 Left rear, in-line vehicle passenger #1
2	0.0	30	0.0	5 Center rear
0	0.0	7	0.0	6 Right rear
2	0.0	36	0.0	7 Left rear 3rd seat, in-line veh passenger #2
1	0.0	7	0.0	8 Center rear 3rd seat
3	0.0	23	0.0	9 Right rear 3rd seat
3	0.0	66	0.0	10 In sleeper
4	0.0	21	0.0	11 Other enclosed area
2	0.0	10	0.0	12 Other unenclosed area
1	0.0	2	0.0	13 In/on trailing unit
2	0.0	11	0.0	14 On vehicle exterior
9	0.0	324	0.0	15 Unknown
44	0.1	3097	0.4	50 (B) Bicyclist
6	0.0	97	0.0	51 (E) Engineer
87	0.3	3891	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		
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7685	22.3	110654	15.6	0 Uncoded & errors
197	0.6	3003	0.4	1 No belts available
91	0.3	1762	0.2	2 Shoulder only used
1194	3.5	4240	0.6	3 Lap only used
23143	67.2	548416	77.3	4 Both lap & shoulder used
1059	3.1	19434	2.7	5 No belts used
4	0.0	51	0.0	6 Child restraint used
5	0.0	109	0.0	7 Child restraint not used, unavailable or improper use
3	0.0	81	0.0	8 Restraint failed
1009	2.9	18346	2.6	9 Restraint use unknown
22	0.1	2407	0.3	10 Helmet worn

Variable 147:DRIVER RESTRAINT (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
9	0.0	1155 0.2	11 Helmet not worn
3	0.0	107 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
5227	15.2	123993 17.5	0 Uncoded & errors
822	2.4	30100 4.2	1 Deployed
8773	25.5	269812 38.0	2 Not deployed
19602	56.9	285860 40.3	3 Not available

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

Truck Prcnt	Census Prcnt	Code	Value and Description
34376	99.9	708272 99.8	0 Uncoded & errors
48	0.1	1493 0.2	1 Yes

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

Truck Prcnt	Census Prcnt	Code	Value and Description
34247	99.5	707784 99.7	0 Uncoded & errors
177	0.5	1981 0.3	1 Yes

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

UNCODED, ERRORS = 'MI' SANITIZED = SPACES

Truck Prcnt	Census Prcnt	Code	Value and Description
36	0.1	214 0.0	1 Alabama
3	0.0	61 0.0	2 Alaska
22	0.1	276 0.0	3 Arizona
43	0.1	157 0.0	4 Arkansas
41	0.1	623 0.1	5 California
19	0.1	204 0.0	6 Colorado
4	0.0	68 0.0	7 Connecticut
5	0.0	26 0.0	8 Delaware

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Variable 151:DRIVER LICENSE STATE (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
1	0.0	14	0.0 9 District of Columbia
126	0.4	1511	0.2 10 Florida
63	0.2	333	0.0 11 Georgia
2	0.0	23	0.0 12 Hawaii
7	0.0	33	0.0 13 Idaho
444	1.3	2317	0.3 14 Illinois
511	1.5	2653	0.4 15 Indiana
57	0.2	175	0.0 16 Iowa
16	0.0	102	0.0 17 Kansas
104	0.3	298	0.0 18 Kentucky
18	0.1	107	0.0 19 Louisiana
6	0.0	34	0.0 20 Maine
11	0.0	147	0.0 21 Maryland
13	0.0	127	0.0 22 Massachusetts
30275	87.9	687860	96.9 23 Michigan
51	0.1	310	0.0 24 Minnesota
35	0.1	106	0.0 25 Mississippi
80	0.2	289	0.0 26 Missouri
5	0.0	38	0.0 27 Montana
11	0.0	43	0.0 28 Nebraska
3	0.0	75	0.0 29 Nevada
2	0.0	42	0.0 30 New Hampshire
18	0.1	150	0.0 31 New Jersey
9	0.0	67	0.0 32 New Mexico
72	0.2	462	0.1 33 New York
75	0.2	288	0.0 34 North Carolina
7	0.0	21	0.0 35 North Dakota
783	2.3	3828	0.5 36 Ohio
36	0.1	105	0.0 37 Oklahoma
6	0.0	72	0.0 38 Oregon
104	0.3	429	0.1 39 Pennsylvania
0	0.0	2	0.0 40 Puerto Rico
2	0.0	13	0.0 41 Rhode Island
23	0.1	152	0.0 42 South Carolina
13	0.0	40	0.0 43 South Dakota
101	0.3	496	0.1 44 Tennessee
127	0.4	749	0.1 45 Texas
9	0.0	57	0.0 46 Utah
1	0.0	15	0.0 47 Vermont
36	0.1	244	0.0 48 Virginia
9	0.0	117	0.0 49 Washington
29	0.1	108	0.0 50 West Virginia
241	0.7	1633	0.2 51 Wisconsin
2	0.0	29	0.0 52 Wyoming
11	0.0	32	0.0 53 Alberta
7	0.0	16	0.0 54 British Columbia
21	0.1	28	0.0 55 Manitoba
3	0.0	9	0.0 56 New Brunswick
0	0.0	0	0.0 57 Newfoundland
0	0.0	0	0.0 58 Northwest Territories
5	0.0	9	0.0 59 Nova Scotia
563	1.6	1779	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
58	0.2	62	Quebec
0	0.0	63	Saskatchewan
0	0.0	64	Yukon
0	0.0	65	Mexico
39	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
3931	11.4	0	None
15144	44.0	1	Operators license
14889	43.3	2	Chauffeurs license
21	0.1	3	Moped license
427	1.2	4	Operators & Chauffeurs license
4	0.0	5	Operators & Moped license
6	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
32373	94.0	0	No cycle (uncoded & errors)
2051	6.0	1	Cycle

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

Truck Prcnt	Census Prcnt	Code	Value and Description
34363	99.8	0	No farm (uncoded & errors)
61	0.2	1	Farm

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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
34250	99.5	708350	99.8 0 No recreational double (uncoded & errors)
174	0.5	1415	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
9	0.0	218	0.0 0 Less than 1 year old
			-
2	0.0	22	0.0 98 98 years old
0	0.0	1	0.0 345
0	0.0	1	0.0 384
7156	20.8	99155	14.0 999 DOB bad

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

Truck Prcnt	Census Prcnt	Code	Value and Description
23881	69.4	380003	53.5 1 Male
7896	22.9	262604	37.0 2 Female
2647	7.7	67158	9.5 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
2625	7.6	72282	10.2 0 Uncoded & errors
130	0.4	1037	0.1 1 Killed
557	1.6	10376	1.5 2 Incapacitating injury
880	2.6	22677	3.2 3 Nonincapacitating injury
2285	6.6	62097	8.7 4 Possible injury
27947	81.2	541296	76.3 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		
3660	10.6	3660	10.6	0 Uncoded & errors
8821	25.6	8821	25.6	1 A
2490	7.2	2490	7.2	2 B
2332	6.8	2332	6.8	3 C
875	2.5	875	2.5	4 None
16246	47.2	16246	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 Haz Materials (H) endorsement

Truck Prcnt	Census Prcnt	Code Value and Description		
16319	47.4	16319	47.4	0 Uncoded & errors
1859	5.4	1859	5.4	1 Yes
16246	47.2	16246	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		
17339	50.4	17339	50.4	0 Uncoded & errors
839	2.4	839	2.4	1 Yes
16246	47.2	16246	47.2	8 Non-CDL vehicle, no data

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

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

CDL Passenger Vehicles (P) endorsement

Truck Prcnt	Census Prcnt	Code	Value and Description
16533	48.0	16533	48.0 0 Uncoded & errors
1645	4.8	1645	4.8 1 Yes
16246	47.2	16246	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
15508	45.0	15508	45.0 0 Uncoded & errors
2670	7.8	2670	7.8 1 Yes
16246	47.2	16246	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
16553	48.1	16553	48.1 0 Uncoded & errors
1625	4.7	1625	4.7 1 Yes
16246	47.2	16246	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
17868	51.9	17868	51.9 0 Uncoded & errors
94	0.3	94	0.3 1 Farm
0	0.0	0	0.0 2 Other

Variable 206:CDL EXEMPT (Continued)

Truck Prcnt	Census Prcnt	Code Value	Description
16246	47.2	8	Non-CDL vehicle, no data
216	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	Description
5856	17.0	0	Uncoded & errors
10434	30.3	1	Yes
1888	5.5	2	No
16246	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	Description
18028	52.4	0	Uncoded & errors
150	0.4	1	Yes
16246	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	Description
18108	52.6	0	Uncoded & errors
70	0.2	1	Yes
16246	47.2	8	Non-CDL vehicle, no data

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<u>Variable 210</u>	<u>CDL RESTRICTION 30</u>	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		
18164	52.8	18164	52.8	0	Uncoded & errors
14	0.0	14	0.0	1	Yes
16246	47.2	16246	47.2	8	Non-CDL vehicle, no data

<u>Variable 211</u>	<u>CDL RESTRICTION 35</u>	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		
18170	52.8	18170	52.8	0	Uncoded & errors
8	0.0	8	0.0	1	Yes
16246	47.2	16246	47.2	8	Non-CDL vehicle, no data

<u>Variable 212</u>	<u>CDL RESTRICTION 36</u>	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		
18168	52.8	18168	52.8	0	Uncoded & errors
10	0.0	10	0.0	1	Yes
16246	47.2	16246	47.2	8	Non-CDL vehicle, no data

<u>Variable 213</u>	<u>CDL LICENSE STATE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 0

UNCODED, ERRORS = 'MI' SANITIZED = SPACES

Truck Prcnt	Census Prcnt	Code	Value and Description		
35	0.1	35	0.1	1	Alabama
2	0.0	2	0.0	2	Alaska
18	0.1	18	0.1	3	Arizona
39	0.1	39	0.1	4	Arkansas
20	0.1	20	0.1	5	California
8	0.0	8	0.0	6	Colorado
5	0.0	5	0.0	7	Connecticut

Variable 213:CDL LICENSE STATE (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
13	0.0	8	Delaware
0	0.0	9	District of Columbia
96	0.3	10	Florida
63	0.2	11	Georgia
0	0.0	12	Hawaii
4	0.0	13	Idaho
777	2.3	14	Illinois
620	1.8	15	Indiana
116	0.3	16	Iowa
24	0.1	17	Kansas
42	0.1	18	Kentucky
6	0.0	19	Louisiana
6	0.0	20	Maine
23	0.1	21	Maryland
5	0.0	22	Massachusetts
13615	39.6	23	Michigan
85	0.2	24	Minnesota
14	0.0	25	Mississippi
73	0.2	26	Missouri
8	0.0	27	Montana
51	0.1	28	Nebraska
1	0.0	29	Nevada
3	0.0	30	New Hampshire
51	0.1	31	New Jersey
2	0.0	32	New Mexico
35	0.1	33	New York
71	0.2	34	North Carolina
10	0.0	35	North Dakota
694	2.0	36	Ohio
228	0.7	37	Oklahoma
20	0.1	38	Oregon
139	0.4	39	Pennsylvania
0	0.0	40	Puerto Rico
2	0.0	41	Rhode Island
5	0.0	42	South Carolina
15	0.0	43	South Dakota
164	0.5	44	Tennessee
59	0.2	45	Texas
9	0.0	46	Utah
2	0.0	47	Vermont
24	0.1	48	Virginia
4	0.0	49	Washington
8	0.0	50	West Virginia
278	0.8	51	Wisconsin
1	0.0	52	Wyoming
17	0.0	53	Alberta
7	0.0	54	British Columbia
22	0.1	55	Manitoba
5	0.0	56	New Brunswick
0	0.0	57	Newfoundland
0	0.0	58	Northwest Territories
1	0.0	59	Nova Scotia

Variable 213:CDL LICENSE STATE (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
455	1.3	455 1.3	60 Ontario
0	0.0	0 0.0	61 Prince Edward Island
43	0.1	43 0.1	62 Quebec
2	0.0	2 0.0	63 Saskatchewan
0	0.0	0 0.0	64 Yukon
0	0.0	0 0.0	65 Mexico
16246	47.2	16246 47.2	98 Non-CDL vehicle, no data
33	0.1	33 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
5683	16.5	5683 16.5	0 Uncoded & errors
7215	21.0	7215 21.0	1 Papers
2218	6.4	2218 6.4	2 Log
298	0.9	298 0.9	3 Driver
2764	8.0	2764 8.0	4 Markings
16246	47.2	16246 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
8052	23.4	8052 23.4	0 Uncoded & errors
4689	13.6	4689 13.6	1 Interstate only
5437	15.8	5437 15.8	2 Intrastate
16246	47.2	16246 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

Variable 217	HAZMAT: TYPE		Width: 4	Type: Numeric
			Dec: None	Miss: 0

Truck Prcnt	Census Prcnt	Code Value and Description		
17950	52.1	17950	52.1	0 Uncoded & errors
				- Hazardous materials type
16246	47.2	16246	47.2	9998 Non-CDL vehicle, no data

Variable 218	HAZMAT: CLASS		Width: 2	Type: Numeric
			Dec: None	Miss: 0

Truck Prcnt	Census Prcnt	Code Value and Description		
18031	52.4	18031	52.4	0 Uncoded & errors
				- Hazardous materials class
16246	47.2	16246	47.2	98 Non-CDL vehicle, no data

Variable 219	HAZMAT: PLACARD		Width: 1	Type: Numeric
			Dec: None	Miss: 0

Truck Prcnt	Census Prcnt	Code Value and Description		
13244	38.5	13244	38.5	0 Uncoded & errors
355	1.0	355	1.0	1 Yes
4579	13.3	4579	13.3	2 No
16246	47.2	16246	47.2	8 Non-CDL vehicle, no data

Variable 220	HAZMAT: SPILL		Width: 1	Type: Numeric
			Dec: None	Miss: 0

Truck Prcnt	Census Prcnt	Code Value and Description		
13238	38.5	13238	38.5	0 Uncoded & errors
88	0.3	88	0.3	1 Yes
4852	14.1	4852	14.1	2 No
16246	47.2	16246	47.2	8 Non-CDL vehicle, no data

Variable 221	TYPE & AXLES - 1ST UNIT		Width: 2	Type: Alphabetic
			Dec: None	Miss: None

Number of axles for Straight truck or preface with 'T' if truck tractor.

Examples --> "T2" = 2 axle truck tractor or "2" = a 2 axle dump truck

Variable 222	TYPE & AXLES - 2ND UNIT	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	TYPE & AXLES - 3RD UNIT	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	TYPE & AXLES - 4TH UNIT	Width: 2	Type: Alphabetic
		Dec: None	Miss: None

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

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

The INJURY Variables

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

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

Truck Prcnt	Census Prcnt	Code Value and Description		
0	0.0	0	0.0	0 Uncoded & errors
18619	51.8	422523	56.6	1 Unit one
15836	44.0	295278	39.6	2 Unit two
1204	3.3	24196	3.2	3 Unit three
208	0.6	3697	0.5	4 Unit four
57	0.2	631	0.1	5 Unit five
20	0.1	145	0.0	6 Unit six
6	0.0	38	0.0	7 Unit seven
5	0.0	11	0.0	8 Unit eight
3	0.0	4	0.0	9 Unit nine

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

Truck Prcnt	Census Prcnt	Code Value and Description		
1105	3.1	30398	4.1	1
				- Person number
1	0.0	1	0.0	38
34424	95.7	709765	95.1	995 Driver record

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

Truck Prcnt	Census Prcnt	Code Value and Description		
34193	95.1	702047	94.0	1 Left front, in-line vehicle driver, uncoded & errors
38	0.1	1017	0.1	2 Center front
771	2.1	23071	3.1	3 Right front
152	0.4	4386	0.6	4 Left rear, in-line vehicle passenger #1
38	0.1	1289	0.2	5 Center rear
128	0.4	3818	0.5	6 Right rear
28	0.1	560	0.1	7 Left rear 3rd seat, in-line vehicle passenger #2
14	0.0	273	0.0	8 Center rear 3rd seat

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Variable 302:PERSON POSITION (Continued)

Truck Prcnt	Census Prcnt	Code	Value and Description
41	0.1	595	0.1 9 Right rear 3rd seat
15	0.0	87	0.0 10 In sleeper
259	0.7	349	0.0 11 Other enclosed area
8	0.0	67	0.0 12 Other unenclosed area
2	0.0	15	0.0 13 In/on trailing unit
7	0.0	76	0.0 14 On vehicle exterior
40	0.1	477	0.1 15 Unknown
44	0.1	3097	0.4 50 (B) Bicyclist
6	0.0	97	0.0 51 (E) Engineer
87	0.2	3891	0.5 52 (P) Pedestrian
87	0.2	1311	0.2 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
7814	21.7	112455	15.1 0 Uncoded & errors
448	1.2	3870	0.5 1 No belts available
94	0.3	1922	0.3 2 Shoulder only used
1269	3.5	6048	0.8 3 Lap only used
23820	66.2	570990	76.5 4 Both lap & shoulder used
1354	3.8	26259	3.5 5 No belts used
38	0.1	935	0.1 6 Child restraint used
9	0.0	213	0.0 7 Child restraint not used, unavailable or improper use
3	0.0	100	0.0 8 Restraint failed
1069	3.0	19786	2.7 9 Restraint use unknown
23	0.1	2638	0.4 10 Helmet worn
9	0.0	1191	0.2 11 Helmet not worn
8	0.0	116	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
5411	15.0	128108	17.2 0 Uncoded & errors
905	2.5	32955	4.4 1 Deployed
8990	25.0	277999	37.2 2 Not deployed
20652	57.4	307461	41.2 3 Not available

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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
2625	7.3	72282	9.7 0 Uncoded & errors
163	0.5	1367	0.2 1 Killed
725	2.0	14365	1.9 2 Incapacitating injury
1217	3.4	31707	4.2 3 Nonincapacitating injury
3281	9.1	85506	11.5 4 Possible
27947	77.7	541296	72.5 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.

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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 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
as	122	98	No event coded as most harmful
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
auto	103	6	Auto transporter
auto	107	5	Towed auto
axle	221	*	TYPE & AXLES - 1ST UNIT
axle	222	*	TYPE & AXLES - 2ND UNIT
axle	223	*	TYPE & AXLES - 3RD UNIT
axle	224	*	TYPE & AXLES - 4TH UNIT
back	112	20	Avoid vehicle (front/back)
backing	112	7	Backing
backing	123	11	Improper backing
baraga	10	7	Baraga
barrier	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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
california	108	5	California
california	151	5	California
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
cg	46	*	FLAG: DEER CG
cg	48	*	FLAG: SCHOOL BUS CG
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
cloudy	30	2	Cloudy
club	105	6	Club/church ("Y" tag)
code	36	0	Invalid code
code	311	*	AMBULANCE CODE
coded	122	98	No event coded as most harmful
colorado	108	6	Colorado
colorado	151	6	Colorado
colorado	213	6	Colorado
commercial	102	1	Commercial truck AA (Group A vehicle)
commercial	105	2	Commercial
complaint	34	*	COMPLAINT STATUS
computed	134	*	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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
defect	106	*	VEHICLE DEFECT
degree	159	*	DRIVER DEGREE OF INJURY
degree	310	*	PERSON DEGREE OF INJ
delaware	108	8	Delaware
delaware	151	8	Delaware
delaware	213	8	Delaware
delta	10	21	Delta
deployed	148	1	Deployed
deployed	304	1	Deployed
detroit	11	99	Detroit or non-numeric data
dickinson	10	22	Dickinson
direction	12	2	Reverse direction intersecting street is
direction	18	7	Direction to/from intersecting 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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
ejection	149	*	DRIVER EJECTION
ejection	305	*	PERSON EJECTION
eleven	65	11	Eleven killed
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
forty-one	64	41	Forty-one injured
freeway	22	6	All other freeway areas
friday	8	6	Friday
friday	9	120	12:00 a.m. - 12:59 a.m. Friday
front	109	1	Front center
front	112	20	Avoid vehicle (front/back)
front	146	1	Left front, in-line vehicle driver, Unco
front	302	1	Left front, in-line vehicle driver, unco
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
missaukee	10	57	Missaukee
mississippi	108	25	Mississippi
mississippi	151	25	Mississippi
mississippi	213	25	Mississippi
missouri	108	26	Missouri
missouri	151	26	Missouri
missouri	213	26	Missouri
mix	36	*	TRAFFIC UNIT MIX
mixer	103	5	Concrete mixer
moderate	110	3	Moderate damage
monday	8	2	Monday
monday	9	24	12:00 a.m. - 12:59 a.m. Monday
monroe	10	58	Monroe
montana	108	27	Montana
montana	151	27	Montana
montana	213	27	Montana
montcalm	10	59	Montcalm
month	2	*	ACCIDENT MONTH
montmorency	10	60	Montmorency
moped	36	4	Car - motorcycle, moped
moped	101	6	Moped (MO)
moped	152	3	Moped license
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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 data	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
noncommerical	107	*	NONCOMM TRAILER CONFIG
nonemergency	105	8	Other government nonemergency vehicle
nonfixed	114	21	Other nonfixed object
nonfixed	115	21	Other nonfixed object
nonfixed	116	21	Other nonfixed object
nonfixed	117	21	Other nonfixed object
nonfixed	122	21	Other nonfixed object
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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)
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
rec	144	*	TOTAL OCC RECS FOR TU
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
saskatchewan	108	63	Saskatchewan
saskatchewan	151	63	Saskatchewan
saskatchewan	213	63	Saskatchewan
saturday	8	7	Saturday
saturday	9	144	12:00 a.m. - 12:59 a.m. Saturday
scale	22	5	Scale/weigh station related
scene	33	*	CRASH INVESTGTD AT SCENE
school	47	*	FLAG: SCHOOL BUS INV/ASC
school	48	*	FLAG: SCHOOL BUS CG
school	105	5	School/education
schoolcraft	10	77	Schoolcraft
seat	146	7	Left rear 3rd seat, in-line veh passenge
seat	302	7	Left rear 3rd seat, in-line vehicle pass
section	12	*	CONTROL SECTION
section	15	*	HIGHWAY CONTROL SECTION
section	16	*	CONTROL SECTION MLPT
september	2	9	September
september	6	35	August 26 - September 1
service	13	8	Service drive
severe	30	6	Severe wind
sex	158	*	DRIVER SEX
sex	309	*	PERSON SEX
shiawassee	10	78	Shiawassee
shift	114	12	Cargo loss/shift
shift	115	12	Cargo loss/shift
shift	116	12	Cargo loss/shift
shift	117	12	Cargo loss/shift
shift	122	12	Cargo loss/shift
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
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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)

Michigan 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

