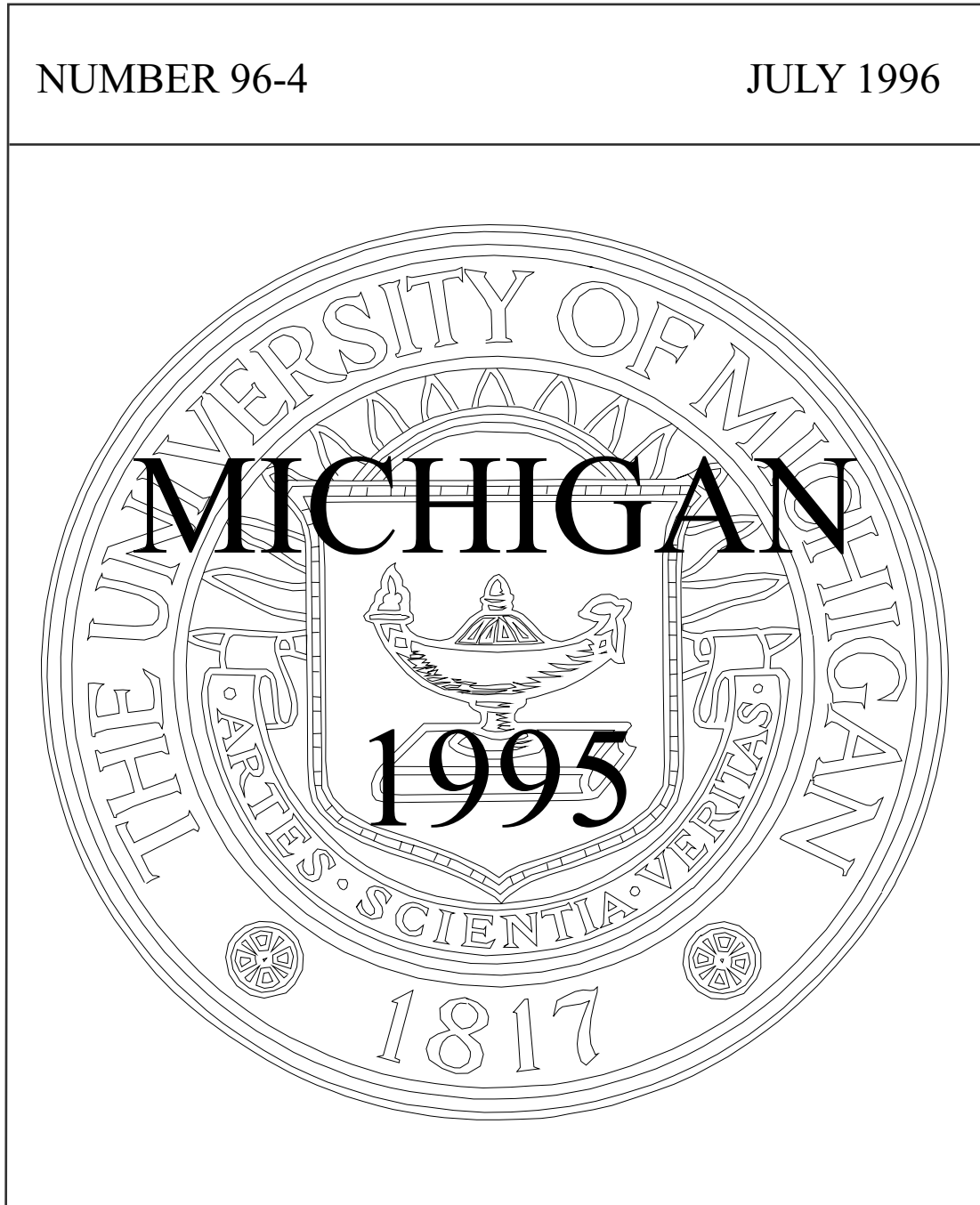


Transportation Data Center  
Data Set Codebook

NUMBER 96-4

JULY 1996



The University of Michigan  
Transportation Research Institute



STATE OF MICHIGAN  
1995 MOTOR VEHICLE ACCIDENT CODEBOOK

INTRODUCTION

This codebook documents data sets describing motor vehicle accidents that occurred in the State of Michigan during calendar year 1995. 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. The 1995 data demonstrates marked increases in reporting rates and decreases in misprocessed forms. This bodes well for MSP's drive towards the reliability that Michigan crash data historically deserved.

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 1995, 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 available" code values for truck supplement variables. Nonmatched truck supplement records (n=0) were deleted.

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

1995 MICHIGAN DATA SETS

CATEGORY	KEY	VARIABLES	CASES
Census	MIC95ACC	1-71	421,073
	MIC95VEH	1-71, 100-159	738,388
	MIC95OCC	1-71, 100-159, 300-311	780,510
Truck	MIT95ACC	1-71	16,075
	MIT95VEH	1-71, 100-159, 200-224	30,858
	MIT95OCC	1-71, 100-159, 200-224, 300-311	32,329

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 71) 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 71, 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 71 repeat the accident description. To compensate for coding changes that the Michigan State Police had from 1992 to 1995, the Truck supplement data was used to recapture data lost in the reformatting. The truck supplement data was matched to the vehicle data by vehicle number and the supplement data's commercial vehicle type and body style were added to the census vehicle data set. 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 71, 100 through 159, and 300 through 311) includes one record for every occupant involved in the accident. Variables 300 through 311 describe specific characteristics of the traffic unit occupants, while 1 through 71, 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 71 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  
1995 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
1	TDC-UMTRI CASE NUMBER	6	Numeric	1
2	ACCIDENT MONTH	2	Numeric	1
3	ACCIDENT DAY	2	Numeric	1
4	ACCIDENT YEAR	4	Numeric	1
5	TIME OF DAY	2	Numeric	2
6	WEEK OF YEAR	2	Numeric	2
7	JULIAN DAY FROM 03-01-00	5	Numeric	4
8	DAY OF WEEK	1	Numeric	4
9	HOUR OF WEEK	3	Numeric	4
10	COUNTY	2	Numeric	7
11	CITY OR TOWNSHIP	2	Numeric	9
12	CONTROL SECTION	1	Numeric	10
13	HIGHWAY CLASS	1	Numeric	10
14	HIGHWAY NUMBER	3	Numeric	10
15	HIGHWAY CONTROL SECTION	5	Numeric	10
16	CONTROL SECTION MLPT	4	Numeric	11
17	LOCATION FLAG	1	Numeric	11
18	LOCATION ERROR	2	Numeric	11
19	ORIG DIRECTION	2	Numeric	12
20	NUMBER OF TRAFFIC LANES	2	Numeric	12
21	RELATIONSHIP TO ROADWAY	1	Numeric	12
22	AREA OF ROAD AT CRASH	2	Numeric	13
23	ROAD CONDITIONS	1	Numeric	13
24	SPEED LIMIT AT CRASHSITE	2	Numeric	14
25	POSTED SPEED LIMIT	1	Numeric	14
26	TRAFFIC CONTROL	1	Numeric	14
27	CONSTRUCTION TYPE	1	Numeric	15
28	CONSTRUCTION LANE CLOSED	1	Numeric	15
29	CONSTRUCTION ACTIVITY	1	Numeric	15
30	WEATHER	1	Numeric	15
31	LIGHT	1	Numeric	16
32	HOW CRASH TOOK PLACE	2	Numeric	16
33	CRASH INVESTGTD AT SCENE	1	Numeric	16
34	COMPLAINT STATUS	1	Numeric	16
35	PUBLIC PROPERTY DAMAGED	1	Numeric	17
36	FLAG: NO SPECIAL CIRCUMS	1	Numeric	17
37	FLAG: DEER INVOLV/ASSOC	1	Numeric	17
38	FLAG: SCHOOL BUS INV/ASC	1	Numeric	17
39	FLAG: HIT AND RUN	1	Numeric	17
40	FLAG: FLEEING /PURSUING	1	Numeric	18
41	FLAG: SPECIAL LOCAL STDY	1	Numeric	18
42	FLAG: SPECIAL STATE STDY	1	Numeric	18
43	TRAFFIC UNIT MIX	2	Numeric	18
44	FLAG: PROPERTY DAMAGE	1	Numeric	19
45	FLAG: DRINKING OPERATOR	1	Numeric	19
46	FLAG: TRUCK OR BUS	1	Numeric	19
47	FLAG: SNOWMOBILE	1	Numeric	19
48	FLAG: EMERGENCY VEHICLE	1	Numeric	20
49	FLAG: ORV INVOLVED	1	Numeric	20
50	FLAG: PEDESTRIAN	1	Numeric	20

STATE OF MICHIGAN  
1995 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
51	FLAG: PED REC PRESENT	1	Numeric	20
52	FLAG: NONTRAFFIC CRASH	1	Numeric	20
53	FLAG: BICYCLIST	1	Numeric	21
54	FLAG: FARM EQUIPMENT	1	Numeric	21
55	FLAG: TRAIN ACCIDENT	1	Numeric	21
56	NUMBER TRUCK SUPPL FORMS	3	Numeric	21
57	FLAG: INJURY CRASH	1	Numeric	21
58	FLAG: FATAL CRASH	1	Numeric	22
59	TOTAL UNITS REPORTED	2	Numeric	22
60	TOTAL NONPARKED UNITS	2	Numeric	22
61	TOTAL UNITS PROCESSED	1	Numeric	22
62	NUMBER INJURED IN CRASH	2	Numeric	23
63	NUMBER FATAL IN CRASH	2	Numeric	23
64	WORST INJURY IN ACCIDENT	1	Numeric	23
65	TOTAL KILLED IN ACC	2	Numeric	24
66	TOTAL A-INJURED IN ACC	2	Numeric	24
67	TOTAL B-INJURED IN ACC	2	Numeric	24
68	TOTAL C-INJURED IN ACC	2	Numeric	25
69	TOTAL INJURED IN ACC	2	Numeric	25
70	TOTAL CASUALTIES IN ACC	2	Numeric	25
71	TOTAL UNINJURED IN ACC	2	Numeric	26



STATE OF MICHIGAN  
1995 - Vehicle/Driver

Variable Number	Variable Name	Width	Storage Type	Page Number
100	UNIT NUMBER	2	Numeric	27
101	VEHICLE TYPE	2	Numeric	27
102	CDL TRUCK TYPE	2	Numeric	28
103	CDL TRUCK BODY STYLE	2	Numeric	29
104	SPECIAL VEHICLE	1	Numeric	29
105	VEHICLE USE	2	Numeric	29
106	VEHICLE DEFECT	1	Numeric	30
107	NONCOMM TRAILER CONFIG	1	Numeric	30
108	REGISTRATION STATE	2	Numeric	30
109	WORST IMPACT POINT	2	Numeric	32
110	EXTENT OF DAMAGE	1	Numeric	32
111	DRIVABLE AFTER CRASH	1	Numeric	32
112	ACTION PRIOR TO CRASH	2	Numeric	33
113	DIRECTION OF TRAVEL	2	Numeric	33
114	HARMFUL EVENT #1	2	Numeric	34
115	HARMFUL EVENT #2	2	Numeric	35
116	HARMFUL EVENT #3	2	Numeric	36
117	HARMFUL EVENT #4	2	Numeric	37
118	EVENT 1 MOST HARMFUL	1	Numeric	39
119	EVENT 2 MOST HARMFUL	1	Numeric	39
120	EVENT 3 MOST HARMFUL	1	Numeric	39
121	EVENT 4 MOST HARMFUL	1	Numeric	39
122	MOST HARMFUL EVENT:MOST	2	Numeric	39
123	HAZARDOUS ACTION	2	Numeric	41
124	DRIVER HAZARDOUS CITATN	1	Numeric	41
125	DRIVER OTHER CITATION	1	Numeric	41
126	DRINKING INFORMATION	1	Numeric	42
127	REFUSAL INFORMATION	1	Numeric	42
128	FIELD SOBRIETY TEST	1	Numeric	42
129	PBT TEST	1	Numeric	42
130	BREATHALYZER TEST	1	Numeric	42
131	URINE TEST	1	Numeric	43
132	BLOOD TEST	1	Numeric	43
133	TOTAL OCCUPANTS IN VEH	2	Numeric	43
134	CMPTD NUMBER FATAL	3	Numeric	43
135	CMPTD NUMBER INJURED	3	Numeric	44
136	TU WORST INJURY	1	Numeric	44
137	TU TOTAL KILLED	2	Numeric	44
138	TU TOTAL A INJURED	2	Numeric	45
139	TU TOTAL B INJURED	2	Numeric	45
140	TU TOTAL C INJURED	2	Numeric	45
141	TU TOTAL INJURED	2	Numeric	46
142	TU TOTAL CASUALTIES	2	Numeric	46
143	TU TOTAL UNINJURED	1	Numeric	47
144	TOTAL OCC RECS FOR TU	2	Numeric	47
145	TDC-UMTRI UNIT NUMBER	2	Numeric	48
146	DRIVER POSITION	2	Numeric	48
147	DRIVER RESTRAINT	2	Numeric	48
148	DRIVER AIRBAG	1	Numeric	49
149	DRIVER EJECTION	1	Numeric	49

STATE OF MICHIGAN  
1995 - Vehicle/Driver

Variable Number	Variable Name	Width	Storage Type	Page Number
150	DRIVER TRAPPED	1	Numeric	49
151	DRIVER LICENSE STATE	2	Numeric	49
152	LICENSE TYPE	1	Numeric	51
153	LICENSE TYPE - CYCLE	1	Numeric	51
154	LICENSE TYPE - FARM	1	Numeric	51
155	LICENSE-RECREATIONAL DBL	1	Numeric	51
156	DRIVER BIRTH DATE	8	Numeric	51
157	DRIVER AGE	3	Numeric	52
158	DRIVER SEX	1	Numeric	52
159	DRIVER DEGREE OF INJURY	1	Numeric	52

STATE OF MICHIGAN  
1995 - Truck

Variable Number	Variable Name	Width	Storage Type	Page Number
200	CDL TYPE 1	1	Numeric	53
201	CDL TYPE 2 H	1	Numeric	53
202	CDL TYPE 2 N	1	Numeric	53
203	CDL TYPE 2 P	1	Numeric	53
204	CDL TYPE 2 T	1	Numeric	54
205	CDL TYPE 2 X	1	Numeric	54
206	CDL EXEMPT	1	Numeric	54
207	MEDICAL CARD	1	Numeric	54
208	CDL RESTRICTION 28	1	Numeric	54
209	CDL RESTRICTION 29	1	Numeric	55
210	CDL RESTRICTION 30	1	Numeric	55
211	CDL RESTRICTION 35	1	Numeric	55
212	CDL RESTRICTION 36	1	Numeric	55
213	CDL LICENSE STATE	2	Numeric	55
214	SOURCE OF CDL INFO	1	Numeric	57
215	INTER/INTRA STATE	1	Numeric	57
216	GROSS VEH WEIGHT RATING	6	Numeric	57
217	HAZMAT: TYPE	4	Numeric	58
218	HAZMAT: CLASS	2	Numeric	58
219	HAZMAT: PLACARD	1	Numeric	58
220	HAZMAT: SPILL	1	Numeric	58
221	SAE AXLE TYPE: I	2	Alphabetic	58
222	SAE AXLE TYPE: II	2	Alphabetic	59
223	SAE AXLE TYPE: III	2	Alphabetic	59
224	SAE AXLE TYPE: IV	2	Alphabetic	59



STATE OF MICHIGAN  
1995 - Passenger injury

Variable Number	Variable Name	Width	Storage Type	Page Number
300	UNIT NUMBER	2	Numeric	61
301	PASSENGER NUMBER	3	Numeric	61
302	PASSENGER POSITION	2	Numeric	61
303	PASSENGER RESTRAINT	2	Numeric	62
304	PASSENGER AIRBAG	1	Numeric	62
305	PASSENGER EJECTION	1	Numeric	62
306	PASSENGER TRAPPED	1	Numeric	63
307	BIRTH DATE	8	Numeric	63
308	AGE	3	Numeric	63
309	PASSENGER SEX	1	Numeric	63
310	PASSENGER DEGREE OF INJ	1	Numeric	63
311	AMBULANCE CODE	4	Numeric	64



The ACCIDENT Variables

Variables 1 through 71 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

Census Prcnt      Code Value and Description

38243	9.1	1	January
32397	7.7	2	February
28661	6.8	3	March
28128	6.7	4	April
32851	7.8	5	May
33494	8.0	6	June
30450	7.2	7	July
30884	7.3	8	August
33265	7.9	9	September
40733	9.7	10	October
48022	11.4	11	November
43945	10.4	12	December

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

Census Prcnt      Code Value and Description

13290	3.2	1	
		-	Day of month
7496	1.8	31	
1	0.0	99	Non-numeric data

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

Census Prcnt      Code Value and Description

421073	100.0	1995	1995
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STATE OF MICHIGAN  
1995 - Accident

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

Census Prcnt	Code	Value and Description
8386	2.0	0 12:00 mid. - 1:00 a.m.
7595	1.8	1 1:00 a.m. - 2:00 a.m.
7790	1.9	2 2:00 a.m. - 3:00 a.m.
4938	1.2	3 3:00 a.m. - 4:00 a.m.
4026	1.0	4 4:00 a.m. - 5:00 a.m.
6574	1.6	5 5:00 a.m. - 6:00 a.m.
11447	2.7	6 6:00 a.m. - 7:00 a.m.
19608	4.7	7 7:00 a.m. - 8:00 a.m.
17872	4.2	8 8:00 a.m. - 9:00 a.m.
14207	3.4	9 9:00 a.m. - 10:00 a.m.
15398	3.7	10 10:00 a.m. - 11:00 a.m.
20082	4.8	11 11:00 a.m. - 12:00 noon
23410	5.6	12 12:00 noon - 1:00 p.m.
21486	5.1	13 1:00 p.m. - 2:00 p.m.
25762	6.1	14 2:00 p.m. - 3:00 p.m.
31238	7.4	15 3:00 p.m. - 4:00 p.m.
30928	7.3	16 4:00 p.m. - 5:00 p.m.
33201	7.9	17 5:00 p.m. - 6:00 p.m.
27664	6.6	18 6:00 p.m. - 7:00 p.m.
21623	5.1	19 7:00 p.m. - 8:00 p.m.
17659	4.2	20 8:00 p.m. - 9:00 p.m.
17180	4.1	21 9:00 p.m. - 10:00 p.m.
14766	3.5	22 10:00 p.m. - 11:00 p.m.
12020	2.9	23 11:00 p.m. - 12:00 mid.
181	0.0	24 Midnight
19	0.0	25
3	0.0	26
3	0.0	27
4	0.0	28
4	0.0	29
4893	1.2	77 Uncoded & errors
1	0.0	90
1	0.0	96
2	0.0	97
1	0.0	98
1101	0.3	99 Unknown

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

Census Prcnt	Code	Value and Description
10657	2.5	1 January 1 - January 7
8295	2.0	2 January 8 - January 14
8750	2.1	3 January 15 - January 21
8124	1.9	4 January 22 - January 28
7279	1.7	5 January 29 - February 4
9367	2.2	6 February 5 - February 11
7983	1.9	7 February 12 - February 18



Variable 6:WEEK OF YEAR (Continued)

Census Prcnt	Code	Value and Description
7235	1.7	8 February 19 - February 25
6801	1.6	9 February 26 - March 3
8631	2.0	10 March 4 - March 10
6219	1.5	11 March 11 - March 17
5352	1.3	12 March 18 - March 24
5432	1.3	13 March 25 - March 31
6267	1.5	14 April 1 - April 7
7551	1.8	15 April 8 - April 15
6125	1.5	16 April 15 - April 21
6700	1.6	17 April 22 - April 28
6948	1.7	18 April 29 - May 5
7468	1.8	19 May 6 - May 12
7106	1.7	20 May 13 - May 19
8243	2.0	21 May 20 - May 26
7317	1.7	22 May 27 - June 2
7568	1.8	23 June 3 - June 9
7571	1.8	24 June 10 - June 16
7387	1.8	25 June 17 - June 23
8319	2.0	26 June 24 - June 30
6362	1.5	27 July 1 - July 7
7112	1.7	28 July 8 - July 14
7375	1.8	29 July 15 - July 21
6952	1.7	30 July 22 - July 28
7511	1.8	31 July 29 - August 4
6572	1.6	32 August 5 - August 11
7263	1.7	33 August 12 - August 18
6871	1.6	34 August 19 - August 25
6698	1.6	35 August 26 - September 1
7410	1.8	36 September 2 - September 8
7642	1.8	37 September 9 - September 15
8397	2.0	38 September 16 - September 22
7512	1.8	39 September 23 - September 29
9499	2.3	40 September 30 - October 6
8641	2.1	41 October 7 - October 13
9621	2.3	42 October 14 - October 20
9130	2.2	43 October 21 - October 27
10929	2.6	44 October 28 - November 3
13020	3.1	45 November 4 - November 10
11968	2.8	46 November 11 - November 17
9087	2.2	47 November 18 - November 24
9489	2.3	48 November 25 - December 1
10874	2.6	49 December 2 - December 8
11193	2.7	50 December 9 - December 15
10557	2.5	51 December 16 - December 22
7725	1.8	52 December 23 - December 29
967	0.2	53 December 30 - December 31
1	0.0	99 Missing data

STATE OF MICHIGAN  
1995 - Accident

-----  
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

## Census Prcnt      Code Value and Description

45024	10.7	1	Sunday
55887	13.3	2	Monday
58558	13.9	3	Tuesday
61207	14.5	4	Wednesday
62920	14.9	5	Thursday
74481	17.7	6	Friday
62996	15.0	7	Saturday

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

## Census Prcnt      Code Value and Description

1933	0.5	0	12:00 a.m. Sunday - 12:59 a.m. Sunday
1917	0.5	1	1:00 a.m. Sunday - 1:59 a.m. Sunday
2035	0.5	2	2:00 a.m. Sunday - 2:59 a.m. Sunday
1294	0.3	3	3:00 a.m. Sunday - 3:59 a.m. Sunday
763	0.2	4	4:00 a.m. Sunday - 4:59 a.m. Sunday
705	0.2	5	5:00 a.m. Sunday - 5:59 a.m. Sunday
759	0.2	6	6:00 a.m. Sunday - 6:59 a.m. Sunday
668	0.2	7	7:00 a.m. Sunday - 7:59 a.m. Sunday
794	0.2	8	8:00 a.m. Sunday - 8:59 a.m. Sunday
1248	0.3	9	9:00 a.m. Sunday - 9:59 a.m. Sunday
1692	0.4	10	10:00 a.m. Sunday - 10:59 a.m. Sunday
1996	0.5	11	11:00 a.m. Sunday - 11:59 a.m. Sunday
2614	0.6	12	12:00 noon Sunday - 12:59 p.m. Sunday
2473	0.6	13	1:00 p.m. Sunday - 1:59 p.m. Sunday
2532	0.6	14	2:00 p.m. Sunday - 2:59 p.m. Sunday
2536	0.6	15	3:00 p.m. Sunday - 3:59 p.m. Sunday
2540	0.6	16	4:00 p.m. Sunday - 4:59 p.m. Sunday
2675	0.6	17	5:00 p.m. Sunday - 5:59 p.m. Sunday
2868	0.7	18	6:00 p.m. Sunday - 6:59 p.m. Sunday
2655	0.6	19	7:00 p.m. Sunday - 7:59 p.m. Sunday
2301	0.5	20	8:00 p.m. Sunday - 8:59 p.m. Sunday
2093	0.5	21	9:00 p.m. Sunday - 9:59 p.m. Sunday
1821	0.4	22	10:00 p.m. Sunday - 10:59 p.m. Sunday
1362	0.3	23	11:00 p.m. Sunday - 11:59 p.m. Sunday
790	0.2	24	12:00 a.m. Monday - 12:59 a.m. Monday
681	0.2	25	1:00 a.m. Monday - 1:59 a.m. Monday
608	0.1	26	2:00 a.m. Monday - 2:59 a.m. Monday
461	0.1	27	3:00 a.m. Monday - 3:59 a.m. Monday
478	0.1	28	4:00 a.m. Monday - 4:59 a.m. Monday
987	0.2	29	5:00 a.m. Monday - 5:59 a.m. Monday
1824	0.4	30	6:00 a.m. Monday - 6:59 a.m. Monday

Variable 9: HOUR OF WEEK (Continued)

Census	Prcnt	Code	Value and Description
3301	0.8	31	7:00 a.m. Monday - 7:59 a.m. Monday
2814	0.7	32	8:00 a.m. Monday - 8:59 a.m. Monday
2046	0.5	33	9:00 a.m. Monday - 9:59 a.m. Monday
2034	0.5	34	10:00 a.m. Monday - 10:59 a.m. Monday
2654	0.6	35	11:00 a.m. Monday - 11:59 a.m. Monday
3063	0.7	36	12:00 noon Monday - 12:59 p.m. Monday
2760	0.7	37	1:00 p.m. Monday - 1:59 p.m. Monday
3517	0.8	38	2:00 p.m. Monday - 2:59 p.m. Monday
4552	1.1	39	3:00 p.m. Monday - 3:59 p.m. Monday
4361	1.0	40	4:00 p.m. Monday - 4:59 p.m. Monday
4520	1.1	41	5:00 p.m. Monday - 5:59 p.m. Monday
3514	0.8	42	6:00 p.m. Monday - 6:59 p.m. Monday
2683	0.6	43	7:00 p.m. Monday - 7:59 p.m. Monday
2129	0.5	44	8:00 p.m. Monday - 8:59 p.m. Monday
2197	0.5	45	9:00 p.m. Monday - 9:59 p.m. Monday
1762	0.4	46	10:00 p.m. Monday - 10:59 p.m. Monday
1345	0.3	47	11:00 p.m. Monday - 11:59 p.m. Monday
844	0.2	48	12:00 a.m. Tuesday - 12:59 a.m. Tuesday
660	0.2	49	1:00 a.m. Tuesday - 1:59 a.m. Tuesday
668	0.2	50	2:00 a.m. Tuesday - 2:59 a.m. Tuesday
466	0.1	51	3:00 a.m. Tuesday - 3:59 a.m. Tuesday
496	0.1	52	4:00 a.m. Tuesday - 4:59 a.m. Tuesday
963	0.2	53	5:00 a.m. Tuesday - 5:59 a.m. Tuesday
1862	0.4	54	6:00 a.m. Tuesday - 6:59 a.m. Tuesday
3505	0.8	55	7:00 a.m. Tuesday - 7:59 a.m. Tuesday
2936	0.7	56	8:00 a.m. Tuesday - 8:59 a.m. Tuesday
1918	0.5	57	9:00 a.m. Tuesday - 9:59 a.m. Tuesday
2123	0.5	58	10:00 a.m. Tuesday - 10:59 a.m. Tuesday
2716	0.6	59	11:00 a.m. Tuesday - 11:59 a.m. Tuesday
3189	0.8	60	12:00 noon Tuesday - 12:59 p.m. Tuesday
2895	0.7	61	1:00 p.m. Tuesday - 1:59 p.m. Tuesday
3786	0.9	62	2:00 p.m. Tuesday - 2:59 p.m. Tuesday
4842	1.1	63	3:00 p.m. Tuesday - 3:59 p.m. Tuesday
4555	1.1	64	4:00 p.m. Tuesday - 4:59 p.m. Tuesday
5228	1.2	65	5:00 p.m. Tuesday - 5:59 p.m. Tuesday
3994	0.9	66	6:00 p.m. Tuesday - 6:59 p.m. Tuesday
2800	0.7	67	7:00 p.m. Tuesday - 7:59 p.m. Tuesday
2132	0.5	68	8:00 p.m. Tuesday - 8:59 p.m. Tuesday
2165	0.5	69	9:00 p.m. Tuesday - 9:59 p.m. Tuesday
1729	0.4	70	10:00 p.m. Tuesday - 10:59 p.m. Tuesday
1292	0.3	71	11:00 p.m. Tuesday - 11:59 p.m. Tuesday
837	0.2	72	12:00 a.m. Wednesday - 12:59 a.m. Wednesday
649	0.2	73	1:00 a.m. Wednesday - 1:59 a.m. Wednesday
679	0.2	74	2:00 a.m. Wednesday - 2:59 a.m. Wednesday
396	0.1	75	3:00 a.m. Wednesday - 3:59 a.m. Wednesday
489	0.1	76	4:00 a.m. Wednesday - 4:59 a.m. Wednesday
1018	0.2	77	5:00 a.m. Wednesday - 5:59 a.m. Wednesday
2105	0.5	78	6:00 a.m. Wednesday - 6:59 a.m. Wednesday
3885	0.9	79	7:00 a.m. Wednesday - 7:59 a.m. Wednesday
3525	0.8	80	8:00 a.m. Wednesday - 8:59 a.m. Wednesday
2325	0.6	81	9:00 a.m. Wednesday - 9:59 a.m. Wednesday
2134	0.5	82	10:00 a.m. Wednesday - 10:59 a.m. Wednesday

## Variable 9: HOUR OF WEEK (Continued)

Census	Prcnt	Code	Value and Description
2832	0.7	83	11:00 a.m. Wednesday - 11:59 a.m. Wednesday
3157	0.7	84	12:00 noon Wednesday - 12:59 p.m. Wednesday
2856	0.7	85	1:00 p.m. Wednesday - 1:59 p.m. Wednesday
3702	0.9	86	2:00 p.m. Wednesday - 2:59 p.m. Wednesday
4758	1.1	87	3:00 p.m. Wednesday - 3:59 p.m. Wednesday
4747	1.1	88	4:00 p.m. Wednesday - 4:59 p.m. Wednesday
5142	1.2	89	5:00 p.m. Wednesday - 5:59 p.m. Wednesday
4068	1.0	90	6:00 p.m. Wednesday - 6:59 p.m. Wednesday
2942	0.7	91	7:00 p.m. Wednesday - 7:59 p.m. Wednesday
2489	0.6	92	8:00 p.m. Wednesday - 8:59 p.m. Wednesday
2347	0.6	93	9:00 p.m. Wednesday - 9:59 p.m. Wednesday
1883	0.4	94	10:00 p.m. Wednesday - 10:59 p.m. Wednesday
1421	0.3	95	11:00 p.m. Wednesday - 11:59 p.m. Wednesday
933	0.2	96	12:00 a.m. Thursday - 12:59 a.m. Thursday
791	0.2	97	1:00 a.m. Thursday - 1:59 a.m. Thursday
767	0.2	98	2:00 a.m. Thursday - 2:59 a.m. Thursday
506	0.1	99	3:00 a.m. Thursday - 3:59 a.m. Thursday
475	0.1	100	4:00 a.m. Thursday - 4:59 a.m. Thursday
970	0.2	101	5:00 a.m. Thursday - 5:59 a.m. Thursday
1888	0.4	102	6:00 a.m. Thursday - 6:59 a.m. Thursday
3507	0.8	103	7:00 a.m. Thursday - 7:59 a.m. Thursday
3015	0.7	104	8:00 a.m. Thursday - 8:59 a.m. Thursday
2212	0.5	105	9:00 a.m. Thursday - 9:59 a.m. Thursday
2133	0.5	106	10:00 a.m. Thursday - 10:59 a.m. Thursday
2899	0.7	107	11:00 a.m. Thursday - 11:59 a.m. Thursday
3367	0.8	108	12:00 noon Thursday - 12:59 p.m. Thursday
3094	0.7	109	1:00 p.m. Thursday - 1:59 p.m. Thursday
4065	1.0	110	2:00 p.m. Thursday - 2:59 p.m. Thursday
5176	1.2	111	3:00 p.m. Thursday - 3:59 p.m. Thursday
5088	1.2	112	4:00 p.m. Thursday - 4:59 p.m. Thursday
5616	1.3	113	5:00 p.m. Thursday - 5:59 p.m. Thursday
4176	1.0	114	6:00 p.m. Thursday - 6:59 p.m. Thursday
2993	0.7	115	7:00 p.m. Thursday - 7:59 p.m. Thursday
2455	0.6	116	8:00 p.m. Thursday - 8:59 p.m. Thursday
2464	0.6	117	9:00 p.m. Thursday - 9:59 p.m. Thursday
1913	0.5	118	10:00 p.m. Thursday - 10:59 p.m. Thursday
1501	0.4	119	11:00 p.m. Thursday - 11:59 p.m. Thursday
1094	0.3	120	12:00 a.m. Friday - 12:59 a.m. Friday
894	0.2	121	1:00 a.m. Friday - 1:59 a.m. Friday
966	0.2	122	2:00 a.m. Friday - 2:59 a.m. Friday
583	0.1	123	3:00 a.m. Friday - 3:59 a.m. Friday
499	0.1	124	4:00 a.m. Friday - 4:59 a.m. Friday
990	0.2	125	5:00 a.m. Friday - 5:59 a.m. Friday
1805	0.4	126	6:00 a.m. Friday - 6:59 a.m. Friday
3320	0.8	127	7:00 a.m. Friday - 7:59 a.m. Friday
2883	0.7	128	8:00 a.m. Friday - 8:59 a.m. Friday
2243	0.5	129	9:00 a.m. Friday - 9:59 a.m. Friday
2408	0.6	130	10:00 a.m. Friday - 10:59 a.m. Friday
3349	0.8	131	11:00 a.m. Friday - 11:59 a.m. Friday
3948	0.9	132	12:00 noon Friday - 12:59 p.m. Friday
3692	0.9	133	1:00 p.m. Friday - 1:59 p.m. Friday
4695	1.1	134	2:00 p.m. Friday - 2:59 p.m. Friday

Variable 9:HOUR OF WEEK (Continued)

Census	Prcnt	Code	Value and Description
5945	1.4	135	3:00 p.m. Friday - 3:59 p.m. Friday
6003	1.4	136	4:00 p.m. Friday - 4:59 p.m. Friday
6480	1.5	137	5:00 p.m. Friday - 5:59 p.m. Friday
5235	1.2	138	6:00 p.m. Friday - 6:59 p.m. Friday
4087	1.0	139	7:00 p.m. Friday - 7:59 p.m. Friday
3266	0.8	140	8:00 p.m. Friday - 8:59 p.m. Friday
3229	0.8	141	9:00 p.m. Friday - 9:59 p.m. Friday
3119	0.7	142	10:00 p.m. Friday - 10:59 p.m. Friday
2711	0.6	143	11:00 p.m. Friday - 11:59 p.m. Friday
2136	0.5	144	12:00 a.m. Saturday - 12:59 a.m. Saturday
2003	0.5	145	1:00 a.m. Saturday - 1:59 a.m. Saturday
2067	0.5	146	2:00 a.m. Saturday - 2:59 a.m. Saturday
1232	0.3	147	3:00 a.m. Saturday - 3:59 a.m. Saturday
826	0.2	148	4:00 a.m. Saturday - 4:59 a.m. Saturday
941	0.2	149	5:00 a.m. Saturday - 5:59 a.m. Saturday
1204	0.3	150	6:00 a.m. Saturday - 6:59 a.m. Saturday
1422	0.3	151	7:00 a.m. Saturday - 7:59 a.m. Saturday
1905	0.5	152	8:00 a.m. Saturday - 8:59 a.m. Saturday
2215	0.5	153	9:00 a.m. Saturday - 9:59 a.m. Saturday
2874	0.7	154	10:00 a.m. Saturday - 10:59 a.m. Saturday
3636	0.9	155	11:00 a.m. Saturday - 11:59 a.m. Saturday
4072	1.0	156	12:00 noon Saturday - 12:59 p.m. Saturday
3716	0.9	157	1:00 p.m. Saturday - 1:59 p.m. Saturday
3465	0.8	158	2:00 p.m. Saturday - 2:59 p.m. Saturday
3429	0.8	159	3:00 p.m. Saturday - 3:59 p.m. Saturday
3634	0.9	160	4:00 p.m. Saturday - 4:59 p.m. Saturday
3540	0.8	161	5:00 p.m. Saturday - 5:59 p.m. Saturday
3809	0.9	162	6:00 p.m. Saturday - 6:59 p.m. Saturday
3463	0.8	163	7:00 p.m. Saturday - 7:59 p.m. Saturday
2887	0.7	164	8:00 p.m. Saturday - 8:59 p.m. Saturday
2685	0.6	165	9:00 p.m. Saturday - 9:59 p.m. Saturday
2539	0.6	166	10:00 p.m. Saturday - 10:59 p.m. Saturday
2388	0.6	167	11:00 p.m. Saturday - 11:59 p.m. Saturday
6032	1.4	999	Missing data

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

COUNTY (STATE POLICE CODING)

Census	Prcnt	Code	Value and Description
1	0.0	0	
816	0.2	1	Alcona
560	0.1	2	Alger
4168	1.0	3	Allegan
1447	0.3	4	Alpena
1105	0.3	5	Antrim
1134	0.3	6	Arenac
655	0.2	7	Baraga

## Variable 10:COUNTY (Continued)

Census	Prcnt	Code	Value and Description
2639	0.6	8	Barry
4178	1.0	9	Bay
624	0.1	10	Benzie
6462	1.5	11	Berrien
2229	0.5	12	Branch
7138	1.7	13	Calhoun
2257	0.5	14	Cass
1331	0.3	15	Charlevoix
1146	0.3	16	Cheboygan
1949	0.5	17	Chippewa
1672	0.4	18	Clare
2662	0.6	19	Clinton
869	0.2	20	Crawford
2432	0.6	21	Delta
1804	0.4	22	Dickinson
4440	1.1	23	Eaton
1702	0.4	24	Emmet
16386	3.9	25	Genesee
1086	0.3	26	Gladwin
746	0.2	27	Gogebic
3743	0.9	28	Grand Traverse
1816	0.4	29	Gratiot
2461	0.6	30	Hillsdale
1544	0.4	31	Houghton
1966	0.5	32	Huron
13020	3.1	33	Ingham
2752	0.7	34	Ionia
1322	0.3	35	Iosco
1092	0.3	36	Iron
2996	0.7	37	Isabella
7085	1.7	38	Jackson
10987	2.6	39	Kalamazoo
901	0.2	40	Kalkaska
24061	5.7	41	Kent
116	0.0	42	Keweenaw
644	0.2	43	Lake
3644	0.9	44	Lapeer
791	0.2	45	Leelanau
3775	0.9	46	Lenawee
5506	1.3	47	Livingston
393	0.1	48	Luce
919	0.2	49	Mackinac
26937	6.4	50	Macomb
1102	0.3	51	Manistee
2998	0.7	52	Marquette
1685	0.4	53	Mason
2904	0.7	54	Mecosta
1970	0.5	55	Menominee
3221	0.8	56	Midland
820	0.2	57	Missaukee
4674	1.1	58	Monroe
3302	0.8	59	Montcalm

Variable 10:COUNTY (Continued)

Census Prcnt		Code	Value and Description
487	0.1	60	Montmorency
6473	1.5	61	Muskegon
2197	0.5	62	Newaygo
47190	11.2	63	Oakland
1188	0.3	64	Oceana
1266	0.3	65	Ogemaw
901	0.2	66	Ontonagon
1710	0.4	67	Osceola
508	0.1	68	Oscoda
1148	0.3	69	Otsego
7543	1.8	70	Ottawa
803	0.2	71	Presque Isle
1195	0.3	72	Roscommon
8997	2.1	73	Saginaw
2016	0.5	74	Sanilac
577	0.1	75	Schoolcraft
2517	0.6	76	Shiawassee
5468	1.3	77	St. Clair
2711	0.6	78	St. Joseph
2455	0.6	79	Tuscola
3165	0.8	80	Van Buren
12581	3.0	81	Washtenaw
91201	21.7	82	Wayne
1865	0.4	83	Wexford
101	0.0	84	Uncoded & errors
5	0.0	89	
1	0.0	90	
1	0.0	91	
2	0.0	93	
1	0.0	96	
15	0.0	99	Non-numeric data

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

Use in conjunction with V10.

Census Prcnt		Code	Value and Description
248	0.1	0	Uncoded & errors
12862	3.1	1	
		-	City or township code (by county)
51673	12.3	99	Non-numeric data





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

Census Prcnt      Code Value and Description

```
22627  5.4  0.00
  506  0.1  0.01
  358  0.1  0.02
  215  0.1  0.03
  266  0.1  0.04
  134  0.0  0.05
  317  0.1  0.06
  219  0.1  0.07
  230  0.1  0.08
  278  0.1  0.09
```

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

Census Prcnt      Code Value and Description

```
  0  0.0  0  Location not yet attempted
399537 94.9  1  Successfully located
  9  0.0  2  Could not automatically locate in MALI indexes
  0  0.0  3  This crash will be recycled through MALI due to index
      change
11172  2.7  4  Could not locate even after attempting a manual correction
10355  2.5  9  Missing location data, nonnumeric data
```

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

Census Prcnt      Code Value and Description

```
399537 94.9  0  None
  127  0.0  1  Invalid county
  178  0.0  2  Invalid city/township
 6378  1.5  3  PR not found in county/city given
 6180  1.5  4  Intersecting street not found in co/city given
 3596  0.9  5  Streets do not intersect in co/city given
  931  0.2  6  Location matches more than one site
  745  0.2  7  Direction to/from intersecting st. is improper
   62  0.0  8  Distance to/from intersecting st. is improper
  126  0.0  9  Direction used on ramp is not ER or BR
 3213  0.8 99  Other reason than 0109, nonnumeric data
```

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

DIRECTION OFFICER ORIGINALLY GAVE TO NEAREST INTERSECTING STREET

```
Census Prcnt  Code Value and Description

 1319   0.3    1  (BR) Begin Ramp
75673  18.0    2  ( E) East
 3108   0.7    3  (ER) End Ramp
81250  19.3    4  ( N) North
12974   3.1    5  (NE) Northeast
13342   3.2    6  (NW) Northwest
76706  18.2    7  ( S) South
13701   3.3    8  (SE) Southeast
13976   3.3    9  (SW) Southwest
53027  12.6   10  ( X) At intersection
71916  17.1   11  ( W) West
 4081   1.0   99  (Space) Uncoded & errors
```

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

```
Census Prcnt  Code Value and Description

 1544   0.4    0  Crash occurred on other than a roadway
12649   3.0    1  One Lane
229988  54.6    2  Two lanes
38198   9.1    3  Three lanes
68079  16.2    4  Four lanes
48772  11.6    5  Five lanes
 6370   1.5    6  Six lanes
 4414   1.0    7  Seven lanes
  938   0.2    8  Eight lanes
  385   0.1    9  Nine lanes
 9736   2.3   99  Uncoded & errors, nonnumeric data
```

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

```
Census Prcnt  Code Value and Description

 2124   0.5    0  Uncoded & errors
358886  85.2    1  On the road
 2683   0.6    2  In the median
17682   4.2    3  On the shoulder
32996   7.8    4  Outside of the shoulder/curb-line
  685   0.2    5  In the gore (area between ramp and Xway convergence)
 6017   1.4    6  Unknown relationship
```

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

Census Prcnt		Code Value and Description
		On Expressway
11168	2.7	0 Uncoded & errors
12562	3.0	1 Entrance/exit ramp related
929	0.2	2 Median crossing related
3618	0.9	3 Transition area
319	0.1	4 Rest area related
258	0.1	5 Scale/weigh station related
26273	6.2	6 All other freeway areas
		Related to or within 150' of an intersection
91028	21.6	7 Within intersection
28736	6.8	8 Driveway related/150'
37491	8.9	9 Other intersect related
		Other area
154985	36.8	10 Straight road unrelated others
14615	3.5	11 Curved road unrelated others
16966	4.0	12 Driveway related
9423	2.2	13 Parking related
2277	0.5	14 Transition area
1677	0.4	15 Median crossing related
745	0.2	16 Rail crossing related
297	0.1	17 Rest area
211	0.1	18 Scale/weigh station related
1954	0.5	19 Nontraffic area
5221	1.2	20 Other
320	0.1	21 Unknown

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

Census Prcnt		Code Value and Description
7679	1.8	0 Uncoded & errors
265420	63.0	1 Dry
78943	18.7	2 Wet
30905	7.3	3 Icy
29513	7.0	4 Snowy
727	0.2	5 Muddy
5017	1.2	6 Slushy
214	0.1	7 Debris
2655	0.6	8 Other

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

Census Prcnt      Code Value and Description

898	0.2	0	Stopped
157	0.0	5	5 miles per hour
386	0.1	10	10 miles per hour
1	0.0	14	
1851	0.4	15	15 miles per hour
666	0.2	20	20 miles per hour
78228	18.6	25	25 miles per hour
2	0.0	26	
28283	6.7	30	30 miles per hour
1	0.0	33	
1	0.0	34	
58096	13.8	35	35 miles per hour
1	0.0	36	
30817	7.3	40	40 miles per hour
1	0.0	44	
55028	13.1	45	45 miles per hour
13143	3.1	50	50 miles per hour
120283	28.6	55	55 miles per hour
15	0.0	60	60 miles per hour
13660	3.2	65	65 miles per hour
19555	4.6	99	Uncoded & errors

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

Census Prcnt      Code Value and Description

33450	7.9	0	Uncoded & errors
293145	69.6	1	Yes
94478	22.4	2	No

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

Census Prcnt      Code Value and Description

45131	10.7	0	Uncoded & errors
81467	19.3	1	Signal
47580	11.3	2	Stop Sign
3902	0.9	3	Yield Sign
242993	57.7	4	None

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

Census Prcnt      Code Value and Description

415168	98.6	0	Uncoded & errors
5434	1.3	1	Construction/Maintenance
471	0.1	2	Utility

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

Census Prcnt      Code Value and Description

409297	97.2	0	Uncoded & errors
3442	0.8	1	Yes
8334	2.0	2	No

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

Census Prcnt      Code Value and Description

400435	95.1	0	Uncoded & errors
10287	2.4	1	On road
1331	0.3	2	Off road
9020	2.1	3	None

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

Census Prcnt      Code Value and Description

6009	1.4	0	Uncoded & errors
198653	47.2	1	Clear
121131	28.8	2	Cloudy
4003	1.0	3	Fog/smoke
43443	10.3	4	Rain
42557	10.1	5	Snow/blowing snow
247	0.1	6	Severe wind
2231	0.5	7	Sleet/hail
2799	0.7	8	Other

STATE OF MICHIGAN  
1995 - Accident

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

```
Census Prcnt  Code Value and Description
```

```
  5972   1.4   0  Uncoded & errors
255461  60.7   1  Daylight
 11891   2.8   2  Dawn
 14127   3.4   3  Dusk
 56450  13.4   4  Dark lighted
 75497  17.9   5  Dark unlighted
  1675   0.4   6  Other
```

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

```
Census Prcnt  Code Value and Description
```

```
  6811   1.6   0  Uncoded & errors
124599  29.6   1  Single vehicle
  9946   2.4   2  Head on
 14092   3.3   3  Head on left
 86892  20.6   4  Angle
 99912  23.7   5  Rear end
  4689   1.1   6  Rear end left
  3126   0.7   7  Rear end right
 34293   8.1   8  Sideswipe same direction
 12978   3.1   9  Sideswipe opposite direction
 23735   5.6  10  Other
```

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

CRASH WAS INVESTIGATED AT THE SCENE

```
Census Prcnt  Code Value and Description
```

```
 14905   3.5   0  Uncoded & errors
288273  68.5   1  Yes
117895  28.0   2  No
```

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

```
Census Prcnt  Code Value and Description
```

```
 85057  20.2   0  Uncoded & errors
 12262   2.9   1  Closed
323754  76.9   2  Open
```

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

Census Prcnt Code Value and Description

387869 92.1 0 Uncoded & errors  
18221 4.3 1 Yes  
14983 3.6 2 No

-----  
Variable 36 FLAG: NO SPECIAL CIRCUMS Width: 1 Type: Numeric  
----- Dec: None Miss: 0

FLAG: NO SPECIAL CIRCUMSTANCES IN CRASH

Census Prcnt Code Value and Description

131280 31.2 0 Uncoded & errors  
289793 68.8 1 Yes

-----  
Variable 37 FLAG: DEER INVOLV/ASSOC Width: 1 Type: Numeric  
----- Dec: None Miss: 0

FLAG: DEER WAS INVOLVED OR ASSOCIATED WITH CRASH

Census Prcnt Code Value and Description

358538 85.1 0 Uncoded & errors  
62535 14.9 1 Yes

-----  
Variable 38 FLAG: SCHOOL BUS INV/ASC Width: 1 Type: Numeric  
----- Dec: None Miss: 0

FLAG: SCHOOL BUS WAS INVOLVED OR ASSOCIATED WITH CRASH

Census Prcnt Code Value and Description

419650 99.7 0 Uncoded & errors  
1423 0.3 1 Yes

-----  
Variable 39 FLAG: HIT AND RUN Width: 1 Type: Numeric  
----- Dec: None Miss: 0

Census Prcnt Code Value and Description

380293 90.3 0 Uncoded & errors  
40780 9.7 1 Yes

```
-----
Variable 40  FLAG: FLEEING /PURSUING  Width: 1  Type: Numeric
-----
Dec:  None  Miss: 0
```

## FLAG: VEHICLE FLEEING PURSUIT OR IN PURSUIT

```
Census Prcnt  Code Value and Description
419847  99.7  0  Uncoded & errors
  1226  0.3  1  Yes
```

```
-----
Variable 41  FLAG: SPECIAL LOCAL STDY  Width: 1  Type: Numeric
-----
Dec:  None  Miss: 0
```

## FLAG: CRASH IS USED IN A SPECIAL LOCAL STUDY

```
Census Prcnt  Code Value and Description
413724  98.3  0  Uncoded & errors
  7349  1.7  1  Yes
```

```
-----
Variable 42  FLAG: SPECIAL STATE STDY  Width: 1  Type: Numeric
-----
Dec:  None  Miss: 0
```

## FLAG: CRASH IS USED IN A SPECIAL STATE STUDY

```
Census Prcnt  Code Value and Description
419322  99.6  0  Uncoded & errors
  1751  0.4  1  Yes
```

```
-----
Variable 43  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.

```
Census Prcnt  Code Value and Description
157460  37.4  1  Single traffic unit
126443  30.0  2  Car - car
 78934  18.7  3  Car - truck
  1095  0.3  4  Car - motorcycle, moped
  1067  0.3  5  Car - other
   871  0.2  6  Car - pedestrian, pedalcyclist
15434  3.7  7  Truck - truck
   300  0.1  8  Truck - motorcycle
   450  0.1  9  Truck - other
   220  0.1 10  Truck - pedestrian, pedalcyclist
   38  0.0 11  Motorcycle - motorcycle
```



Variable 43: TRAFFIC UNIT MIX (Continued)

Census Prcnt	Code	Value and Description
14 0.0	12	Motorcycle - other
6 0.0	13	Motorcycle - pedestrian, pedalcyclist
66 0.0	14	Other - other
6 0.0	15	Other - pedestrian, pedalcyclist
21779 5.2	16	Three or more traffic units
16890 4.0	99	Missing data

-----  
 Variable 44 FLAG: PROPERTY DAMAGE Width: 1 Type: Numeric  
 ----- Dec: None Miss: 0

Census Prcnt	Code	Value and Description
101593 24.1	0	Uncoded & errors
319480 75.9	1	This is a P.D. only crash (no injuries or deaths)

-----  
 Variable 45 FLAG: DRINKING OPERATOR Width: 1 Type: Numeric  
 ----- Dec: None Miss: 0

Census Prcnt	Code	Value and Description
397949 94.5	0	Uncoded & errors
23124 5.5	1	This crash involved a drinking driver/pedestrian/bicyclist

-----  
 Variable 46 FLAG: TRUCK OR BUS Width: 1 Type: Numeric  
 ----- Dec: None Miss: 0

Census Prcnt	Code	Value and Description
402818 95.7	0	Uncoded & errors
18255 4.3	1	This crash involved a truck or bus

-----  
 Variable 47 FLAG: SNOWMOBILE Width: 1 Type: Numeric  
 ----- Dec: None Miss: 0

Census Prcnt	Code	Value and Description
420438 99.8	0	Uncoded & errors
635 0.2	1	This crash involved a snowmobile

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```
-----
Variable 48   FLAG: EMERGENCY VEHICLE   Width: 1   Type: Numeric
-----                               Dec:  None   Miss: 0
```

Census Prcnt Code Value and Description

```
416766  99.0   0   Uncoded & errors
  4307   1.0   1   This crash involved a police/fire/ambulance vehicle
```

```
-----
Variable 49   FLAG: ORV INVOLVED       Width: 1   Type: Numeric
-----                               Dec:  None   Miss: 0
```

Census Prcnt Code Value and Description

```
420843  99.9   0   Uncoded & errors
  230    0.1   1   This crash involved an Off Road Vehicle
```

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

Census Prcnt Code Value and Description

```
417219  99.1   0   Uncoded & errors
  3854   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

Census Prcnt Code Value and Description

```
 7060   1.7   1   Pedestrian record present
414013  98.3   2   No pedestrian record for crash
```

```
-----
Variable 52   FLAG: NONTRAFFIC CRASH  Width: 1   Type: Numeric
-----                               Dec:  None   Miss: 0
```

Census Prcnt Code Value and Description

```
421073 100.0   0   Uncoded & errors
    0    0.0   1   This was a nontraffic crash
```

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

Census Prcnt      Code Value and Description  
  
417864    99.2    0    Uncoded & errors  
      3209    0.8    1    This crash involved a bicyclist

-----  
Variable 54      FLAG: FARM EQUIPMENT                  Width: 1          Type: Numeric  
-----    Dec:    None      Miss: 0

Census Prcnt      Code Value and Description  
  
420781    99.9    0    Uncoded & errors  
      292    0.1    1    This crash involved any farm equipment

-----  
Variable 55      FLAG: TRAIN ACCIDENT                  Width: 1          Type: Numeric  
-----    Dec:    None      Miss: 0

Census Prcnt      Code Value and Description  
  
420940    100.0    0    Uncoded & errors  
      133    0.0    1    Engineer record found

-----  
Variable 56      NUMBER TRUCK SUPPL FORMS                  Width: 3          Type: Numeric  
-----    Dec:    None      Miss: None

NUMBER OF TRUCK SUPPLEMENT FORMS FOUND FOR CRASH

Census Prcnt      Code Value and Description  
  
404998    96.2    0    None  
      15782    3.7    1    One form  
      282    0.1    2    Two forms  
      10    0.0    3    Three forms  
      1    0.0    4    Four forms

-----  
Variable 57      FLAG: INJURY CRASH                  Width: 1          Type: Numeric  
-----    Dec:    None      Miss: 0

Census Prcnt      Code Value and Description  
  
320866    76.2    0    Uncoded & errors  
      100207    23.8    1    This is an injury crash (injuries but no deaths)

```
-----
Variable 58  FLAG: FATAL CRASH          Width: 1      Type: Numeric
-----
                   Dec:  None      Miss: 0
```

Census Prcnt Code Value and Description

```
419687 99.7  0  Uncoded & errors
 1386  0.3  1  This is a fatal crash (one or more deaths)
```

```
-----
Variable 59  TOTAL UNITS REPORTED          Width: 2      Type: Numeric
-----
                   Dec:  None      Miss: None
```

Census Prcnt Code Value and Description

```
129899 30.8  1  One unit
267086 63.4  2  Two units
 20303  4.8  3  Three units
  3007  0.7  4  Four units
   568  0.1  5  Five units
   118  0.0  6  Six units
    41  0.0  7  Seven units
    29  0.0  8  Eight units
    22  0.0  9  Nine units
```

```
-----
Variable 60  TOTAL NONPARKED UNITS        Width: 2      Type: Numeric
-----
                   Dec:  None      Miss: None
```

Census Prcnt Code Value and Description

```
  522  0.1  0  None
157100 37.3  1  One unit
242732 57.6  2  Two units
 17801  4.2  3  Three units
  2420  0.6  4  Four units
   383  0.1  5  Five units
    84  0.0  6  Six units
    18  0.0  7  Seven units
     9  0.0  8  Eight units
     4  0.0  9  Nine units
```

```
-----
Variable 61  TOTAL UNITS PROCESSED        Width: 1      Type: Numeric
-----
                   Dec:  None      Miss: None
```

Census Prcnt Code Value and Description

```
45024 10.7  1
55887 13.3  2
58558 13.9  3
61207 14.5  4
62920 14.9  5
74481 17.7  6
```

Variable 61:TOTAL UNITS PROCESSED (Continued)

Census Prcnt Code Value and Description

62996 15.0 7

-----  
Variable 62 NUMBER INJURED IN CRASH Width: 2 Type: Numeric  
----- Dec: None Miss: None

Census Prcnt Code Value and Description

320104 76.0 0 None  
70005 16.6 1 One injured  
21231 5.0 2 Two injured  
6739 1.6 3 Three injured  
2038 0.5 4 Four injured  
613 0.1 5 Five injured  
199 0.0 6 Six injured  
75 0.0 7 Seven injured  
31 0.0 8 Eight injured  
-  
1 0.0 34 Thirty-four injured

-----  
Variable 63 NUMBER FATAL IN CRASH Width: 2 Type: Numeric  
----- Dec: None Miss: None

Census Prcnt Code Value and Description

419687 99.7 0 None  
1260 0.3 1 One killed  
107 0.0 2 Two killed  
15 0.0 3 Three killed  
2 0.0 4 Four killed  
2 0.0 5 Five killed

-----  
Variable 64 WORST INJURY IN ACCIDENT Width: 1 Type: Numeric  
----- Dec: None Miss: 9

Census Prcnt Code Value and Description

1386 0.3 1 Fatal  
13504 3.2 2 A - incapacitating injury  
26167 6.2 3 B - nonincapacitating injury  
60536 14.4 4 C - possible injury  
319480 75.9 5 No injury  
0 0.0 9 Missing data

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-----  
Variable 65      TOTAL KILLED IN ACC      Width: 2      Type: Numeric  
-----  
Dec:    None      Miss: 99

Census Prcnt      Code Value and Description

419687	99.7	0	0 killed
1260	0.3	1	1 killed
107	0.0	2	2 killed
15	0.0	3	3 killed
2	0.0	4	4 killed
2	0.0	5	5 killed

-----  
Variable 66      TOTAL A-INJURED IN ACC      Width: 2      Type: Numeric  
-----  
Dec:    None      Miss: 99

Census Prcnt      Code Value and Description

407132	96.7	0	0 A-injured
10955	2.6	1	1 A-injured
2203	0.5	2	2 A-injured
567	0.1	3	3 A-injured
153	0.0	4	4 A-injured
38	0.0	5	5 A-injured
14	0.0	6	6 A-injured
8	0.0	7	7 A-injured
1	0.0	10	10 A-injured
1	0.0	11	11 A-injured
1	0.0	16	16 A-injured

-----  
Variable 67      TOTAL B-INJURED IN ACC      Width: 2      Type: Numeric  
-----  
Dec:    None      Miss: 99

Census Prcnt      Code Value and Description

392300	93.2	0	0 B-injured
23497	5.6	1	1 B-injured
4080	1.0	2	2 B-injured
879	0.2	3	3 B-injured
225	0.1	4	4 B-injured
65	0.0	5	5 B-injured
16	0.0	6	6 B-injured
6	0.0	7	7 B-injured
2	0.0	8	8 B-injured
2	0.0	9	9 B-injured
1	0.0	10	10 B-injured

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

Census Prcnt      Code Value and Description

350939	83.3	0	0	C-injured
53321	12.7	1	1	C-injured
12721	3.0	2	2	C-injured
3071	0.7	3	3	C-injured
748	0.2	4	4	C-injured
170	0.0	5	5	C-injured
67	0.0	6	6	C-injured
18	0.0	7	7	C-injured
2	0.0	8	8	C-injured
1	0.0	9	9	C-injured
6	0.0	10	10	C-injured
5	0.0	11	11	C-injured
1	0.0	12	12	C-injured
1	0.0	14	14	C-injured
1	0.0	15	15	C-injured
1	0.0	34	34	C-injured

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

Census Prcnt      Code Value and Description

320104	76.0	0	0	injured
70005	16.6	1	1	injured
21231	5.0	2	2	injured
6739	1.6	3	3	injured
2038	0.5	4	4	injured
613	0.1	5	5	injured
199	0.0	6	6	injured
75	0.0	7	7	injured
31	0.0	8	8	injured
9	0.0	9	9	injured
11	0.0	10	10	injured
9	0.0	11	11	injured
1	0.0	12	12	injured
4	0.0	13	13	injured
2	0.0	15	15	injured
1	0.0	17	17	injured
1	0.0	34	34	injured

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

TOTAL KILLED (v65) plus TOTAL INJURED (v69).

Variable 70:TOTAL CASUALTIES IN ACC (Continued)

Census Prcnt	Code	Value and Description
319480	75.9	0 0 casualties
70220	16.7	1 1 casualty
21387	5.1	2 2 casualties
6862	1.6	3 3 casualties
2094	0.5	4 4 casualties
660	0.2	5 5 casualties
220	0.1	6 6 casualties
77	0.0	7 7 casualties
34	0.0	8 8 casualties
8	0.0	9 9 casualties
12	0.0	10 10 casualties
9	0.0	11 11 casualties
2	0.0	12 12 casualties
4	0.0	13 13 casualties
2	0.0	15 15 casualties
1	0.0	22 22 casualties
1	0.0	34 34 casualties

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

TOTAL UNINJURED OCCUPANT RECORDS PRESENT FOR CRASH

Census Prcnt	Code	Value and Description
32155	7.6	0 0 persons
161143	38.3	1 1 person
213909	50.8	2 2 persons
12130	2.9	3 3 persons
1465	0.3	4 4 persons
202	0.0	5 5 persons
43	0.0	6 6 persons
20	0.0	7 7 persons
3	0.0	8 8 persons
3	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

Census Prcnt Code Value and Description

Census Prcnt	Code	Value	Description
0	0.0	0	Uncoded & errors
421073	57.0	1	One unit
290063	39.3	2	Two units
23020	3.1	3	Three units
3389	0.5	4	Four units
609	0.1	5	Five units
154	0.0	6	Six units
47	0.0	7	Seven units
23	0.0	8	Eight units
10	0.0	9	Nine units
0	0.0	10	Ten units

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

Census Prcnt Code Value and Description

Census Prcnt	Code	Value	Description
29135	3.9	0	Uncoded & errors
520830	70.5	1	Passenger & station wagon (PA)
52156	7.1	2	Van, motorhome (VA)
100437	13.6	3	Pickup (PU)
9914	1.3	4	Truck under 10,000 lbs. (ST)
2799	0.4	5	Cycle (CY)
343	0.0	6	Moped (MO)
14	0.0	7	Go-cart (GC)
700	0.1	8	Snowmobile (SM)
239	0.0	9	Off Road Vehicle-ORV/All Terrain Vehicle-ATV (OR)
2938	0.4	10	Other
18883	2.6	11	CDL truck/Bus involved

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1995 - Vehicle/Driver

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

## CDL TRUCK TYPE FROM TRUCK SUPPLEMENT DATA

Census Prcnt    Code Value and Description

2164    0.3    0    Uncoded & errors

Group "A" is any vehicle which is towing a vehicle or trailer that has a gross vehicle weight rating (GVWR) over 10,000 lbs.

7164	1.0	1	Commercial truck AA (Group A vehicle)
229	0.0	2	Commercial truck AH (Group A vehicle, Hazardous)
240	0.0	3	Commercial truck AN (Group A vehicle, Tank)
80	0.0	4	Commercial truck AP (Group A vehicle, Passenger)
696	0.1	5	Commercial truck AT (Group A vehicle, Double/Triple)
213	0.0	6	Commercial truck AX (Group A vehicle, Tank & Hazardous)
39	0.0	7	Commercial truck AY (Group A vehicle, Tank & Double/Triple)
44	0.0	8	Commercial truck AZ (Group A vehicle, Hazardous, Double/Triple)
42	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.

2628	0.4	10	Commercial truck BB (Group B)
52	0.0	11	Commercial truck BH (Group B, Hazardous)
121	0.0	12	Commercial truck BN (Group B, Tank)
1065	0.1	13	Commercial truck BP (Group B, Passenger)
64	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.

64	0.0	15	Commercial truck CH (Group C, Hazardous)
404	0.1	16	Commercial truck CP (Group C, Passenger)
29	0.0	17	Commercial truck CX (Group C, Tank & Hazardous)
1042	0.1	18	Other
722008	97.8	98	Non-CDL vehicle, no truck supplement data

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

CDL TRUCK BODY STYLE FROM TRUCK SUPPLEMENT DATA

Census Prcnt	Code	Value and Description
5772 0.8	0	Uncoded & errors
5072 0.7	1	Van/enclosed box
539 0.1	2	Cargo tank
1566 0.2	3	Flatbed/platform
1342 0.2	4	Dump
118 0.0	5	Concrete mixer
165 0.0	6	Auto transporter
373 0.1	7	Garbage/refuse
1433 0.2	8	Other/unknown
722008 97.8	98	Non-CDL vehicle, no truck supplement data

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

Census Prcnt Code Value and Description

Census Prcnt	Code	Value and Description
730622 98.9	0	Uncoded & errors
3392 0.5	1	Police
570 0.1	2	Fire
1540 0.2	3	Bus
504 0.1	4	Ambulance
293 0.0	5	Farm
1467 0.2	6	Construction

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

Census Prcnt Code Value and Description

Census Prcnt	Code	Value and Description
62195 8.4	0	Uncoded & errors
624191 84.5	1	Private
40394 5.5	2	Commercial
1020 0.1	3	Pursuit/emergency (in use)
569 0.1	4	Farm
1839 0.2	5	School/education
377 0.1	6	Club/church ("Y" tag)
104 0.0	7	Military vehicle
4081 0.6	8	Other government nonemergency vehicle
651 0.1	9	Utility
1069 0.1	10	Road construction/maintenance
1898 0.3	11	Other

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

```
Census Prcnt  Code Value and Description
```

```
732164  99.2  0  Uncoded & errors
  2413   0.3  1  Brakes
   540   0.1  2  Lights/reflectors
   332   0.0  3  Steering
   840   0.1  4  Tires/wheels
   424   0.1  5  Windows
  1675   0.2  6  Other
```

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

```
Census Prcnt  Code Value and Description
```

```
Noncommercial Trailer Configuration
733329  99.3  0  Uncoded & errors
  1896   0.3  1  Utility
   419   0.1  2  House
   610   0.1  3  Boat
   290   0.0  4  Farm
   375   0.1  5  Towed auto
   130   0.0  6  Recreational double
  1339   0.2  7  Other
```

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

UNCODED, ERRORS = 'MI'      SANITIZED = SPACES

```
Census Prcnt  Code Value and Description
```

```
  246   0.0  1  Alabama
   33   0.0  2  Alaska
  117   0.0  3  Arizona
   83   0.0  4  Arkansas
  394   0.1  5  California
  166   0.0  6  Colorado
   60   0.0  7  Connecticut
   19   0.0  8  Delaware
   8    0.0  9  District of Columbia
 1345   0.2 10  Florida
  306   0.0 11  Georgia
   3    0.0 12  Hawaii
   29   0.0 13  Idaho
 3244   0.4 14  Illinois
 2941   0.4 15  Indiana
  217   0.0 16  Iowa
   76   0.0 17  Kansas
```

Variable 108:REGISTRATION STATE (Continued)

Census	Prcnt	Code	Value and Description
246	0.0	18	Kentucky
83	0.0	19	Louisiana
36	0.0	20	Maine
157	0.0	21	Maryland
124	0.0	22	Massachusetts
715181	96.9	23	Michigan
269	0.0	24	Minnesota
75	0.0	25	Mississippi
279	0.0	26	Missouri
49	0.0	27	Montana
77	0.0	28	Nebraska
31	0.0	29	Nevada
36	0.0	30	New Hampshire
160	0.0	31	New Jersey
25	0.0	32	New Mexico
388	0.1	33	New York
317	0.0	34	North Carolina
51	0.0	35	North Dakota
4142	0.6	36	Ohio
426	0.1	37	Oklahoma
85	0.0	38	Oregon
393	0.1	39	Pennsylvania
0	0.0	40	Puerto Rico
17	0.0	41	Rhode Island
106	0.0	42	South Carolina
61	0.0	43	South Dakota
594	0.1	44	Tennessee
560	0.1	45	Texas
36	0.0	46	Utah
26	0.0	47	Vermont
266	0.0	48	Virginia
77	0.0	49	Washington
83	0.0	50	West Virginia
1813	0.2	51	Wisconsin
18	0.0	52	Wyoming
61	0.0	53	Alberta
21	0.0	54	British Columbia
58	0.0	55	Manitoba
14	0.0	56	New Brunswick
4	0.0	57	Newfoundland
0	0.0	58	Northwest Territories
8	0.0	59	Nova Scotia
1695	0.2	60	Ontario
0	0.0	61	Prince Edward Island
79	0.0	62	Quebec
3	0.0	63	Saskatchewan
0	0.0	64	Yukon
0	0.0	65	Mexico
871	0.1	99	Sanitized, nonnumeric data

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

```
Census Prcnt  Code Value and Description

15119   2.0   0  None
190917  25.9  1  Front center
92740   12.6  2  Front corner, passenger side
47446   6.4   3  Side, passenger
33672   4.6   4  Rear corner, passenger side
97503   13.2  5  Rear center
33936   4.6   6  Rear corner, driver side
54869   7.4   7  Side, driver
97727   13.2  8  Front corner, driver side
 4805   0.7   9  Undercarriage
12495   1.7  10  Multiple areas
 5998   0.8  11  Other/unknown
 8179   1.1  12  None
42982   5.8  99  Uncoded & errors, nonnumeric data
```

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

```
Census Prcnt  Code Value and Description

36900   5.0   0  No damage
242192  32.8  1  Slight damage
187008  25.3  2  Slight damage
113785  15.4  3  Moderate damage
 57315   7.8  4  Moderate damage
 26346   3.6  5  Moderate damage
 12994   1.8  6  Heavy damage
  8297   1.1  7  Heavy damage, not repairable
53551   7.3  9  Uncoded & errors, nonnumeric data
```

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

```
Census Prcnt  Code Value and Description

89928   12.2  0  Uncoded & errors
485022  65.7  1  Yes
163438  22.1  2  No
```

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

Census Prcnt      Code Value and Description

```

Driver/cyclist action
31914  4.3    0  Uncoded & errors
378177 51.2    1  Going straight
58395  7.9    2  Turning left
21352  2.9    3  Turning right
68658  9.3    4  Stopped on road
1324   0.2    5  In prior crash
15958  2.2    6  Change lanes
18609  2.5    7  Backing
53733  7.3    8  Slowing/stopping on road
997    0.1    9  Slowing/stopping on other
12671  1.7   10  Starting up on road
552    0.1   11  Starting up on other
1108   0.2   12  Enter parking
3234   0.4   13  Leave parking
11152  1.5   14  Enter road
1747   0.2   15  Leave road
1888   0.3   16  U-turn
6965   0.9   17  Overtake/passing
1915   0.3   18  Avoiding object
204    0.0   19  Avoiding pedestrian
5848   0.8   20  Avoid vehicle (front/back)
2483   0.3   21  Avoid vehicle (angle)
605    0.1   22  Driverless moving
30089  4.1   23  Parked

Pedestrian action
1168   0.2   24  Crossing at intersection
1401   0.2   25  Crossing not at intersection
94     0.0   26  Getting on/off vehicle
237   0.0   27  In road with traffic
92    0.0   28  In road against traffic
198   0.0   29  Stand/lay in road
83    0.0   30  Push/work on vehicle
49    0.0   31  Other work in road
105   0.0   32  Playing in road
274   0.0   33  Other reason in road
235   0.0   34  Not in road

911    0.1   35  Other
3963   0.5   36  Unknown
```

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

Census Prcnt      Code Value and Description

```

37411  5.1    0  Uncoded & errors
168803 22.9   1  East
```

## Variable 113:DIRECTION OF TRAVEL (Continued)

Census	Prcnt	Code	Value and Description
176067	23.8	2	North
4174	0.6	3	Northeast
4731	0.6	4	Northwest
174876	23.7	5	South
4654	0.6	6	Southeast
3952	0.5	7	Southwest
163720	22.2	8	West
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

Census	Prcnt	Code	Value and Description
Noncollision Event			
36759	5.0	0	Uncoded & errors
56293	7.6	1	Loss of control
7786	1.1	2	Cross center/median
5297	0.7	3	Ran off road left
12411	1.7	4	Ran off road right
678	0.1	5	Re-enter road
883	0.1	6	Overturn
8118	1.1	7	Separation of units
2012	0.3	8	Fire/explosion
120	0.0	9	Immersion
560	0.1	10	Jackknife
230	0.0	11	Downhill runaway
1082	0.1	12	Cargo loss/shift
370	0.1	13	Individual fell off
6151	0.8	14	Other noncollision
Collision With Nonfixed Object			
3340	0.5	15	Pedestrian
3083	0.4	16	Pedalcycle
496825	67.3	17	Motor-vehicle in transport
20181	2.7	18	Parked vehicle
208	0.0	19	Railway train
59399	8.0	20	Animal
5304	0.7	21	Other nonfixed object
Collision With Fixed Object			
305	0.0	22	Bridge pier or abutment
532	0.1	23	Bridge parapet end
151	0.0	24	Bridge rail
570	0.1	25	Guardrail face
84	0.0	26	Guardrail end
538	0.1	27	Median barrier
575	0.1	28	Traffic sign post



Variable 114:HARMFUL EVENT #1 (Continued)

Census Prcnt		Code	Value and Description
127	0.0	29	Signal post
195	0.0	30	Luminaire support
1094	0.1	31	Utility pole
338	0.0	32	Other pole
57	0.0	33	Culvert
1727	0.2	34	Curb
669	0.1	35	Ditch
288	0.0	36	Embankment
422	0.1	37	Fence
462	0.1	38	Mailbox
1202	0.2	39	Tree
70	0.0	40	Rail crossing signal
328	0.0	41	Building
41	0.0	42	Traffic island
200	0.0	43	Fire hydrant
21	0.0	44	Impact attenuator/crash cushion
1302	0.2	45	Other fixed object

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

SECOND EVENT CAUSING INJURY OR PROPERTY DAMAGE

Census Prcnt		Code	Value and Description
Noncollision Event			
627817	85.0	0	Uncoded & errors
6048	0.8	1	Loss of control
5578	0.8	2	Cross center/median
11140	1.5	3	Ran off road left
16148	2.2	4	Ran off road right
1121	0.2	5	Re-enter road
2426	0.3	6	Overturn
1494	0.2	7	Separation of units
303	0.0	8	Fire/explosion
94	0.0	9	Immersion
325	0.0	10	Jackknife
51	0.0	11	Downhill runaway
113	0.0	12	Cargo loss/shift
277	0.0	13	Individual fell off
596	0.1	14	Other noncollision
Collision With Nonfixed Object			
395	0.1	15	Pedestrian
163	0.0	16	Pedalcycle
30525	4.1	17	Motor-vehicle in transport
3190	0.4	18	Parked vehicle
35	0.0	19	Railway train
766	0.1	20	Animal
986	0.1	21	Other nonfixed object

Variable 115:HARMFUL EVENT #2 (Continued)

Census Prcnt	Code	Value and Description
		Collision With Fixed Object
392	0.1	22 Bridge pier or abutment
75	0.0	23 Bridge parapet end
326	0.0	24 Bridge rail
1961	0.3	25 Guardrail face
305	0.0	26 Guardrail end
1954	0.3	27 Median barrier
1991	0.3	28 Traffic sign post
185	0.0	29 Signal post
382	0.1	30 Luminaire support
2155	0.3	31 Utility pole
716	0.1	32 Other pole
405	0.1	33 Culvert
3905	0.5	34 Curb
3820	0.5	35 Ditch
972	0.1	36 Embankment
943	0.1	37 Fence
1695	0.2	38 Mailbox
4163	0.6	39 Tree
39	0.0	40 Rail crossing signal
475	0.1	41 Building
70	0.0	42 Traffic island
327	0.0	43 Fire hydrant
30	0.0	44 Impact attenuator/crash cushion
1511	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

Census Prcnt	Code	Value and Description
		Noncollision Event
689086	93.3	0 Uncoded & errors
695	0.1	1 Loss of control
611	0.1	2 Cross center/median
3733	0.5	3 Ran off road left
2370	0.3	4 Ran off road right
1173	0.2	5 Re-enter road
5540	0.8	6 Overturn
380	0.1	7 Separation of units
126	0.0	8 Fire/explosion
110	0.0	9 Immersion
164	0.0	10 Jackknife
15	0.0	11 Downhill runaway
65	0.0	12 Cargo loss/shift
132	0.0	13 Individual fell off
174	0.0	14 Other noncollision

Variable 116:HARMFUL EVENT #3 (Continued)

Census Prcnt		Code	Value and Description
Collision With Nonfixed Object			
84	0.0	15	Pedestrian
20	0.0	16	Pedalcycle
5906	0.8	17	Motor-vehicle in transport
1019	0.1	18	Parked vehicle
5	0.0	19	Railway train
41	0.0	20	Animal
288	0.0	21	Other nonfixed object
Collision With Fixed Object			
253	0.0	22	Bridge pier or abutment
38	0.0	23	Bridge parapet end
176	0.0	24	Bridge rail
1340	0.2	25	Guardrail face
276	0.0	26	Guardrail end
967	0.1	27	Median barrier
1778	0.2	28	Traffic sign post
173	0.0	29	Signal post
312	0.0	30	Luminaire support
1713	0.2	31	Utility pole
685	0.1	32	Other pole
488	0.1	33	Culvert
1125	0.2	34	Curb
5032	0.7	35	Ditch
1382	0.2	36	Embankment
1149	0.2	37	Fence
1501	0.2	38	Mailbox
6016	0.8	39	Tree
18	0.0	40	Rail crossing signal
479	0.1	41	Building
24	0.0	42	Traffic island
242	0.0	43	Fire hydrant
17	0.0	44	Impact attenuator/crash cushion
1467	0.2	45	Other fixed object

---

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

---

FOURTH EVENT CAUSING INJURY OR PROPERTY DAMAGE

Census Prcnt		Code	Value and Description
Noncollision Event			
716180	97.0	0	Uncoded & errors
305	0.0	1	Loss of control
94	0.0	2	Cross center/median
442	0.1	3	Ran off road left
345	0.0	4	Ran off road right
294	0.0	5	Re-enter road
3235	0.4	6	Overturn

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

Census	Prcnt	Code	Value and Description
184	0.0	7	Separation of units
93	0.0	8	Fire/explosion
66	0.0	9	Immersion
34	0.0	10	Jackknife
6	0.0	11	Downhill runaway
26	0.0	12	Cargo loss/shift
79	0.0	13	Individual fell off
102	0.0	14	Other noncollision
			Collision With Nonfixed Object
46	0.0	15	Pedestrian
25	0.0	16	Pedalcycle
5905	0.8	17	Motor-vehicle in transport
706	0.1	18	Parked vehicle
4	0.0	19	Railway train
272	0.0	20	Animal
103	0.0	21	Other nonfixed object
			Collision With Fixed Object
80	0.0	22	Bridge pier or abutment
37	0.0	23	Bridge parapet end
57	0.0	24	Bridge rail
360	0.0	25	Guardrail face
57	0.0	26	Guardrail end
223	0.0	27	Median barrier
416	0.1	28	Traffic sign post
46	0.0	29	Signal post
86	0.0	30	Luminaire support
692	0.1	31	Utility pole
194	0.0	32	Other pole
178	0.0	33	Culvert
170	0.0	34	Curb
1804	0.2	35	Ditch
551	0.1	36	Embankment
568	0.1	37	Fence
378	0.1	38	Mailbox
2870	0.4	39	Tree
7	0.0	40	Rail crossing signal
315	0.0	41	Building
13	0.0	42	Traffic island
82	0.0	43	Fire hydrant
7	0.0	44	Impact attenuator/crash cushion
651	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

```
Census Prcnt   Code Value and Description
164052  22.2   0   Uncoded & errors
574336  77.8   1   Yes
```

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

SECOND EVENT WAS MOST HARMFUL IN CRASH

```
Census Prcnt   Code Value and Description
691494  93.6   0   Uncoded & errors
46894   6.4    1   Yes
```

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

THIRD EVENT WAS MOST HARMFUL IN CRASH

```
Census Prcnt   Code Value and Description
711389  96.3   0   Uncoded & errors
26999   3.7    1   Yes
```

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

FOURTH EVENT WAS MOST HARMFUL IN CRASH

```
Census Prcnt   Code Value and Description
726182  98.3   0   Uncoded & errors
12206   1.7    1   Yes
```

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

CODED BY TDC-UMTRI BASED ON FLAGS V118-V121

```
Census Prcnt   Code Value and Description
```

## Variable 122:MOST HARMFUL EVENT:MOST (Continued)

Census	Prcnt	Code	Value and Description
Noncollision Event			
4134	0.6	0	Uncoded & errors
7985	1.1	1	Loss of control
1681	0.2	2	Cross center/median
1288	0.2	3	Ran off road left
1904	0.3	4	Ran off road right
394	0.1	5	Re-enter road
8723	1.2	6	Overturn
6276	0.8	7	Separation of units
1048	0.1	8	Fire/explosion
219	0.0	9	Immersion
452	0.1	10	Jackknife
100	0.0	11	Downhill runaway
751	0.1	12	Cargo loss/shift
514	0.1	13	Individual fell off
2307	0.3	14	Other noncollision
Collision With Nonfixed Object			
3173	0.4	15	Pedestrian
2933	0.4	16	Pedalcycle
482411	65.3	17	Motor-vehicle in transport
20506	2.8	18	Parked vehicle
175	0.0	19	Railway train
56784	7.7	20	Animal
5349	0.7	21	Other nonfixed object
Collision With Fixed Object			
773	0.1	22	Bridge pier or abutment
443	0.1	23	Bridge parapet end
503	0.1	24	Bridge rail
3107	0.4	25	Guardrail face
572	0.1	26	Guardrail end
2670	0.4	27	Median barrier
2777	0.4	28	Traffic sign post
334	0.0	29	Signal post
689	0.1	30	Luminaire support
4383	0.6	31	Utility pole
1190	0.2	32	Other pole
772	0.1	33	Culvert
1990	0.3	34	Curb
6830	0.9	35	Ditch
1905	0.3	36	Embankment
1665	0.2	37	Fence
2489	0.3	38	Mailbox
11696	1.6	39	Tree
105	0.0	40	Rail crossing signal
1049	0.1	41	Building
61	0.0	42	Traffic island
580	0.1	43	Fire hydrant
48	0.0	44	Impact attenuator/crash cushion
3323	0.5	45	Other fixed object

Variable 122: MOST HARMFUL EVENT: MOST (Continued)

Census Prcnt	Code	Value and Description
79327 10.7	98	No harmful event

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

Census Prcnt	Code	Value and Description
368824 49.9	0	None
44572 6.0	1	Speed too fast
1495 0.2	2	Speed too slow
66464 9.0	3	Fail to yield
18354 2.5	4	Traffic control
682 0.1	5	Wrong way
5104 0.7	6	Left of center
5409 0.7	7	Improper passing
15597 2.1	8	Improper lane usage
10284 1.4	9	Improper turn
1092 0.1	10	Improper signal
13844 1.9	11	Improper backing
93044 12.6	12	Clear distance
39862 5.4	13	Other
18218 2.5	14	Unknown
35543 4.8	99	Uncoded & errors, nonnumeric data

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

Census Prcnt	Code	Value and Description
605502 82.0	0	Uncoded & errors
132886 18.0	1	Yes

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

Census Prcnt	Code	Value and Description
704579 95.4	0	Uncoded & errors
33809 4.6	1	Yes

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

Census Prcnt Code Value and Description

153945 20.8 0 Uncoded & errors  
23606 3.2 1 Yes  
560837 76.0 2 No

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

Census Prcnt Code Value and Description

567789 76.9 0 Uncoded & errors  
1602 0.2 1 Refused  
168997 22.9 2 Not offered

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

Census Prcnt Code Value and Description

732826 99.2 0 Uncoded & errors  
5562 0.8 1 Yes

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

Census Prcnt Code Value and Description

723259 98.0 0 Uncoded & errors  
15129 2.0 1 Yes

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

Census Prcnt Code Value and Description

730899 99.0 0 Uncoded & errors  
7489 1.0 1 Yes



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

Census Prcnt Code Value and Description

```
738241 100.0   0  Uncoded & errors
      147   0.0   1  Yes
```

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

Census Prcnt Code Value and Description

```
734416  99.5   0  Uncoded & errors
      3972   0.5   1  Yes
```

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

Census Prcnt Code Value and Description

```
      38957   5.3   0  0 occupants
456878  61.9   1  1 occupant or pedestrian
133191  18.0   2  2 occupants
      39280   5.3   3  3 occupants
      17112   2.3   4  4 occupants
       5616   0.8   5  5 occupants
       1707   0.2   6  6 occupants
        626   0.1   7  7 occupants
         311   0.0   8  8 occupants
         127   0.0   9  9 occupants
          117   0.0  10 10 occupants
           5   0.0  91 91 occupants
      43340   5.9  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

Census Prcnt Code Value and Description

```
736970  99.8   0  0 killed
      1320   0.2   1  1 killed
        82   0.0   2  2 killed
        13   0.0   3  3 killed
         1   0.0   4  4 killed
         2   0.0   5  5 killed
```

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```
-----
Variable 135  CMPTD NUMBER INJURED          Width: 3      Type: Numeric
-----
Dec:      None      Miss: 999
```

CJDC COMPUTED NUMBER OF INJURIES IN VEHICLE

Census	Prcnt	Code	Value and Description
617567	83.6	0	0 injured
100693	13.6	1	1 injured
15984	2.2	2	2 injured
3455	0.5	3	3 injured
418	0.1	4	4 injured
184	0.0	5	5 injured
41	0.0	6	6 injured
18	0.0	7	7 injured
9	0.0	8	8 injured
8	0.0	10	10 injured
5	0.0	11	11 injured
2	0.0	13	13 injured
2	0.0	15	15 injured
1	0.0	16	16 injured
1	0.0	34	34 injured

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

TDC COMPUTED WORST INJURY IN TRAFFIC UNIT

Census	Prcnt	Code	Value and Description
75354	10.2	0	Incomplete data
1417	0.2	1	Fatal
15034	2.0	2	A - incapacitating injury
29513	4.0	3	B - nonincapacitating injury
75246	10.2	4	C - possible injury
541824	73.4	5	No injury
0	0.0	9	Missing data

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

TDC COMPUTED TOTAL KILLED IN TRAFFIC UNIT

Census	Prcnt	Code	Value and Description
736970	99.8	0	0 killed
1320	0.2	1	1 killed
82	0.0	2	2 killed
13	0.0	3	3 killed
1	0.0	4	4 killed
2	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

Census	Prcnt	Code	Value and Description
722984	97.9	0	0 A-injured
13283	1.8	1	1 A-injured
1738	0.2	2	2 A-injured
299	0.0	3	3 A-injured
63	0.0	4	4 A-injured
11	0.0	5	5 A-injured
5	0.0	6	6 A-injured
3	0.0	7	7 A-injured
1	0.0	11	11 A-injured
1	0.0	16	16 A-injured

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

TDC COMPUTED TOTAL B-INJURED IN TRAFFIC UNIT

Census	Prcnt	Code	Value and Description
707224	95.8	0	0 B-injured
27408	3.7	1	1 B-injured
3163	0.4	2	2 B-injured
468	0.1	3	3 B-injured
84	0.0	4	4 B-injured
29	0.0	5	5 B-injured
8	0.0	6	6 B-injured
1	0.0	7	7 B-injured
1	0.0	8	8 B-injured
1	0.0	9	9 B-injured
1	0.0	10	10 B-injured

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

TDC COMPUTED TOTAL C-INJURED IN TRAFFIC UNIT

Census	Prcnt	Code	Value and Description
658267	89.1	0	0 C-injured
69754	9.4	1	1 C-injured
8697	1.2	2	2 C-injured
1465	0.2	3	3 C-injured
128	0.0	4	4 C-injured
48	0.0	5	5 C-injured
11	0.0	6	6 C-injured
4	0.0	7	7 C-injured

Variable 140:TU TOTAL C INJURED (Continued)

Census Prcnt		Code	Value and Description
2	0.0	8	8 C-injured
2	0.0	9	9 C-injured
3	0.0	10	10 C-injured
3	0.0	11	11 C-injured
1	0.0	12	12 C-injured
1	0.0	14	14 C-injured
1	0.0	15	15 C-injured
1	0.0	34	34 C-injured

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

TDC COMPUTED TOTAL INJURED IN TRAFFIC UNIT

Census Prcnt		Code	Value and Description
542820	73.5	0	0 injured
100205	13.6	1	1 injured
90621	12.3	2	2 injured
3941	0.5	3	3 injured
526	0.1	4	4 injured
183	0.0	5	5 injured
42	0.0	6	6 injured
21	0.0	7	7 injured
9	0.0	8	8 injured
9	0.0	10	10 injured
5	0.0	11	11 injured
2	0.0	13	13 injured
2	0.0	15	15 injured
1	0.0	16	16 injured
1	0.0	34	34 injured

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

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

Census Prcnt		Code	Value and Description
541824	73.4	0	0 casualties
175616	23.8	1	1 casualty
16557	2.2	2	2 casualties
3660	0.5	3	3 casualties
443	0.1	4	4 casualties
189	0.0	5	5 casualties
52	0.0	6	6 casualties
18	0.0	7	7 casualties
8	0.0	8	8 casualties

Variable 142:TU TOTAL CASUALTIES (Continued)

Census Prcnt		Code	Value and Description
2	0.0	9	9 casualties
7	0.0	10	10 casualties
6	0.0	11	11 casualties
2	0.0	13	13 casualties
2	0.0	15	15 casualties
1	0.0	21	21 casualties
1	0.0	34	34 casualties

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

TDC COMPUTED TOTAL UNINJURED RECORDS FOR TRAFFIC UNIT

Census Prcnt		Code	Value and Description
139613	18.9	0	0 persons
394977	53.5	1	1 person
107928	14.6	2	2 persons
31683	4.3	3	3 persons
13228	1.8	4	4 persons
4294	0.6	5	5 persons
1268	0.2	6	6 persons
2057	0.3	7	7 or more persons
43340	5.9	9	Missing data

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

TDC COMPUTED NUMBER OF OCC RECORDS FOR TRAFFIC UNIT

Census Prcnt		Code	Value and Description
703945	95.3	1	1 person record
28232	3.8	2	2 person records
5358	0.7	3	3 person records
536	0.1	4	4 person records
208	0.0	5	5 person records
55	0.0	6	6 person records
23	0.0	7	7 person records
1	0.0	35	35 person records

STATE OF MICHIGAN  
1995 - Vehicle/Driver

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

```
Census Prcnt  Code Value and Description
```

```
421073  57.0    1  Unit #1
          -
          9  0.0    9  Unit #9
```

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

```
Census Prcnt  Code Value and Description
```

```
729050  98.7    1  Left front, in-line vehicle driver, Uncoded & errors
          74  0.0    2  Center front
          450  0.1    3  Right front
          824  0.1    4  Left rear, in-line vehicle passenger #1
          29  0.0    5  Center rear
          9  0.0    6  Right rear
          19  0.0    7  Left rear 3rd seat, in-line vehicle passenger #2
          11  0.0    8  Center rear 3rd seat
          38  0.0    9  Right rear 3rd seat
          115  0.0   10  In sleeper
          18  0.0   11  Other enclosed area
          11  0.0   12  Other unenclosed area
          25  0.0   13  In/on trailing unit
          16  0.0   14  On vehicle exterior
          263  0.0   15  Unknown

          3239  0.4   50  (B) Bicyclist
          133  0.0   51  (E) Engineer
          4064  0.6   52  (P) Pedestrian
```

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

```
Census Prcnt  Code Value and Description
```

```
117580  15.9    0  Uncoded & errors
          3802  0.5    1  No belts available
          2938  0.4    2  Shoulder only used
          7724  1.0    3  Lap only used
          557612  75.5   4  Both lap & shoulder used
          27825  3.8    5  No belts used
          81  0.0    6  Child restraint used
          99  0.0    7  Child restraint not used, unavailable or improper use
          91  0.0    8  Restraint failed
          17291  2.3    9  Restraint use unknown
          2221  0.3   10  Helmet worn
          990  0.1   11  Helmet not worn
          134  0.0   12  Helmet use unknown
```

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

Census Prcnt Code Value and Description

146648 19.9 0 Uncoded & errors  
17610 2.4 1 Deployed  
140603 19.0 2 Not deployed  
433527 58.7 3 Not available

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

Census Prcnt Code Value and Description

736800 99.8 0 Uncoded & errors  
1588 0.2 1 Yes

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

Census Prcnt Code Value and Description

736187 99.7 0 Uncoded & errors  
2201 0.3 1 Yes

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

UNCODED, ERRORS = 'MI' SANITIZED = SPACES

Census Prcnt Code Value and Description

214 0.0 1 Alabama  
78 0.0 2 Alaska  
282 0.0 3 Arizona  
142 0.0 4 Arkansas  
789 0.1 5 California  
230 0.0 6 Colorado  
93 0.0 7 Connecticut  
25 0.0 8 Delaware  
20 0.0 9 District of Columbia  
1782 0.2 10 Florida  
354 0.0 11 Georgia  
22 0.0 12 Hawaii  
41 0.0 13 Idaho  
2677 0.4 14 Illinois  
2807 0.4 15 Indiana  
195 0.0 16 Iowa  
113 0.0 17 Kansas

## Variable 151:DRIVER LICENSE STATE (Continued)

Census	Prcnt	Code	Value and Description
325	0.0	18	Kentucky
111	0.0	19	Louisiana
27	0.0	20	Maine
169	0.0	21	Maryland
149	0.0	22	Massachusetts
714515	96.8	23	Michigan
271	0.0	24	Minnesota
128	0.0	25	Mississippi
306	0.0	26	Missouri
55	0.0	27	Montana
60	0.0	28	Nebraska
77	0.0	29	Nevada
50	0.0	30	New Hampshire
175	0.0	31	New Jersey
58	0.0	32	New Mexico
537	0.1	33	New York
289	0.0	34	North Carolina
38	0.0	35	North Dakota
3918	0.5	36	Ohio
137	0.0	37	Oklahoma
61	0.0	38	Oregon
433	0.1	39	Pennsylvania
2	0.0	40	Puerto Rico
25	0.0	41	Rhode Island
162	0.0	42	South Carolina
42	0.0	43	South Dakota
562	0.1	44	Tennessee
820	0.1	45	Texas
49	0.0	46	Utah
24	0.0	47	Vermont
277	0.0	48	Virginia
130	0.0	49	Washington
106	0.0	50	West Virginia
1836	0.2	51	Wisconsin
21	0.0	52	Wyoming
45	0.0	53	Alberta
32	0.0	54	British Columbia
61	0.0	55	Manitoba
7	0.0	56	New Brunswick
2	0.0	57	Newfoundland
0	0.0	58	Northwest Territories
8	0.0	59	Nova Scotia
1855	0.3	60	Ontario
1	0.0	61	Prince Edward Island
87	0.0	62	Quebec
4	0.0	63	Saskatchewan
0	0.0	64	Yukon
0	0.0	65	Mexico
477	0.1	99	Sanitized, nonnumeric data













## Variable 213:CDL LICENSE STATE (Continued)

Truck	Prcnt	Code	Value and Description
13	0.0	6	Colorado
4	0.0	7	Connecticut
4	0.0	8	Delaware
1	0.0	9	District of Columbia
87	0.3	10	Florida
32	0.1	11	Georgia
0	0.0	12	Hawaii
3	0.0	13	Idaho
743	2.4	14	Illinois
501	1.6	15	Indiana
84	0.3	16	Iowa
13	0.0	17	Kansas
32	0.1	18	Kentucky
3	0.0	19	Louisiana
12	0.0	20	Maine
26	0.1	21	Maryland
6	0.0	22	Massachusetts
12342	40.0	23	Michigan
86	0.3	24	Minnesota
19	0.1	25	Mississippi
74	0.2	26	Missouri
5	0.0	27	Montana
39	0.1	28	Nebraska
0	0.0	29	Nevada
2	0.0	30	New Hampshire
46	0.1	31	New Jersey
2	0.0	32	New Mexico
20	0.1	33	New York
40	0.1	34	North Carolina
20	0.1	35	North Dakota
594	1.9	36	Ohio
200	0.6	37	Oklahoma
12	0.0	38	Oregon
102	0.3	39	Pennsylvania
0	0.0	40	Puerto Rico
4	0.0	41	Rhode Island
8	0.0	42	South Carolina
25	0.1	43	South Dakota
146	0.5	44	Tennessee
71	0.2	45	Texas
8	0.0	46	Utah
1	0.0	47	Vermont
27	0.1	48	Virginia
6	0.0	49	Washington
7	0.0	50	West Virginia
300	1.0	51	Wisconsin
1	0.0	52	Wyoming
24	0.1	53	Alberta
1	0.0	54	British Columbia
27	0.1	55	Manitoba
5	0.0	56	New Brunswick
1	0.0	57	Newfoundland

Variable 213:CDL LICENSE STATE (Continued)

Truck Prcnt	Code	Value and Description
0	0.0	58 Northwest Territories
2	0.0	59 Nova Scotia
357	1.2	60 Ontario
0	0.0	61 Prince Edward Island
43	0.1	62 Quebec
0	0.0	63 Saskatchewan
0	0.0	64 Yukon
0	0.0	65 Mexico
14478	46.9	98 Non-CDL vehicle, no data
31	0.1	99 Sanitized, nonnumeric data

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

Truck Prcnt	Code	Value and Description
4871	15.8	0 Uncoded & errors
6558	21.3	1 Papers
2189	7.1	2 Log
233	0.8	3 Driver
2529	8.2	4 Markings
14478	46.9	8 Non-CDL vehicle, no data

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

Truck Prcnt	Code	Value and Description
6633	21.5	0 Uncoded & errors
4624	15.0	1 Interstate only
5123	16.6	2 Intrastate
14478	46.9	8 Non-CDL vehicle, no data

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

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

STATE OF MICHIGAN  
1995 - Truck

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

```
Truck Prcnt  Code Value and Description

16157  52.4      0  Uncoded & errors
      - Hazardous materials type
14478  46.9     9998 Non-CDL vehicle, no data
```

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

```
Truck Prcnt  Code Value and Description

16234  52.6      0  Uncoded & errors
      - Hazardous materials class
14478  46.9     98  Non-CDL vehicle, no data
```

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

```
Truck Prcnt  Code Value and Description

11877  38.5      0  Uncoded & errors
      367   1.2      1  Yes
      4136  13.4      2  No
14478  46.9      8  Non-CDL vehicle, no data
```

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

```
Truck Prcnt  Code Value and Description

11814  38.3      0  Uncoded & errors
      90    0.3      1  Yes
      4476  14.5      2  No
14478  46.9      8  Non-CDL vehicle, no data
```

```
-----
Variable 221  SAE AXLE TYPE: I            Width: 2    Type: Alphabetic
-----                Dec:  None    Miss:  None
```







The INJURY Variables

Variables 300 through 311 describe the traffic units (motor vehicles, pedestrians, pedalcyclists, etc.) involved in the accident. They are included in all Vehicle and Occupant data sets.

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

Census Prcnt    Code Value and Description

0	0.0	0	Uncoded & errors
442865	56.7	1	One unit
308953	39.6	2	Two units
24263	3.1	3	Three units
3532	0.5	4	Four units
650	0.1	5	Five units
162	0.0	6	Six units
49	0.0	7	Seven units
25	0.0	8	Eight units
11	0.0	9	Nine units

-----  
 Variable 301    PASSENGER NUMBER                                    Width: 3        Type: Numeric  
 -----    Dec:    None      Miss: None

Census Prcnt    Code Value and Description

34443	4.4	1	
		-	Passenger number
1	0.0	34	
738388	94.6	995	Driver record

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

Census Prcnt    Code Value and Description

730037	93.5	1	Left front, in-line vehicle driver, uncoded & errors
1410	0.2	2	Center front
26834	3.4	3	Right front
4779	0.6	4	Left rear, in-line vehicle passenger #1
1408	0.2	5	Center rear
4448	0.6	6	Right rear
592	0.1	7	Left rear 3rd seat, in-line vehicle passenger #2
261	0.0	8	Center rear 3rd seat
645	0.1	9	Right rear 3rd seat
139	0.0	10	In sleeper

Variable 302: PASSENGER POSITION (Continued)

Census	Prcnt	Code	Value and Description
334	0.0	11	Other enclosed area
147	0.0	12	Other unenclosed area
40	0.0	13	In/on trailing unit
90	0.0	14	On vehicle exterior
455	0.1	15	Unknown
3239	0.4	50	(B) Bicyclist
133	0.0	51	(E) Engineer
4064	0.5	52	(P) Pedestrian
1455	0.2	99	Uncoded & errors, nonnumeric data

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

Census	Prcnt	Code	Value and Description
119563	15.3	0	Uncoded & errors
4864	0.6	1	No belts available
3207	0.4	2	Shoulder only used
10310	1.3	3	Lap only used
581842	74.5	4	Both lap & shoulder used
37011	4.7	5	No belts used
1065	0.1	6	Child restraint used
305	0.0	7	Child restraint not used, unavailable or improper use
133	0.0	8	Restraint failed
18583	2.4	9	Restraint use unknown
2420	0.3	10	Helmet worn
1065	0.1	11	Helmet not worn
142	0.0	12	Helmet use unknown

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

Census	Prcnt	Code	Value and Description
151803	19.4	0	Uncoded & errors
18802	2.4	1	Deployed
145112	18.6	2	Not deployed
464793	59.5	3	Not available

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

Census	Prcnt	Code	Value and Description
778182	99.7	0	Uncoded & errors
2328	0.3	1	Yes

STATE OF MICHIGAN  
1995 - Passenger injury

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

Census Prcnt Code Value and Description

777417 99.6 0 Uncoded & errors  
3093 0.4 1 Yes

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

Census Prcnt Code Value and Description

0 Uncoded & errors

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

Census Prcnt Code Value and Description

680 0.1 0 Less than 1 year old  
-  
49 0.0 95 95 years old  
108839 13.9 999 DOB bad

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

Census Prcnt Code Value and Description

413336 53.0 1 Male  
290099 37.2 2 Female  
77075 9.9 9 Uncoded & errors, nonnumeric data

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

Passenger degree of injury

Census Prcnt Code Value and Description

75354 9.7 0 Uncoded & errors  
1537 0.2 1 Killed  
18041 2.3 2 Incapacitating injury  
35701 4.6 3 Nonincapacitating injury  
92561 11.9 4 Possible  
557316 71.4 5 No injury

STATE OF MICHIGAN  
1995 - Passenger injury

-----			
Variable 311	AMBULANCE CODE	Width: 4	Type: Numeric
-----	-----	Dec: None	Miss: None

## Michigan 1995

## 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	*	PASSENGER 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	48	1	This crash involved a police/fire/ambula
ambulance	104	4	Ambulance
ambulance	311	*	AMBULANCE CODE
angle	32	4	Angle
angle	112	21	Avoid vehicle (angle)
animal	114	20	Animal
animal	115	20	Animal
animal	116	20	Animal
animal	117	20	Animal
animal	122	20	Animal
antrim	10	5	Antrim
april	2	4	April
april	6	14	April 1- April 7
arenac	10	6	Arenac
arizona	108	3	Arizona
arizona	151	3	Arizona
arizona	213	3	Arizona
arkansas	108	4	Arkansas
arkansas	151	4	Arkansas
arkansas	213	4	Arkansas
arterial	14	991	Major arterial local trafficway (not a s
attenuator	114	44	Impact attenuator/crash cushion
attenuator	115	44	Impact attenuator/crash cushion
attenuator	116	44	Impact attenuator/crash cushion
attenuator	117	44	Impact attenuator/crash cushion
attenuator	122	44	Impact attenuator/crash cushion
august	2	8	August
august	6	31	July 29 - August 4
auto	103	6	Auto transporter

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
auto	107	5	Towed auto
axle	221	*	SAE AXLE TYPE: I
axle	222	*	SAE AXLE TYPE: II
axle	223	*	SAE AXLE TYPE: III
axle	224	*	SAE AXLE TYPE: IV
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	45	1	This crash involved a drinking driver/pe
bicyclist	53	*	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	38	*	FLAG: SCHOOL BUS INV/ASC
bus	46	*	FLAG: TRUCK OR BUS
bus	101	11	CDL truck/Bus involved
bus	104	3	Bus
business	13	4	Interstate business loop or spur
calhoun	10	13	Calhoun
california	108	5	California
california	151	5	California



## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
california	213	5	California
car	43	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	70	*	TOTAL CASUALTIES IN ACC
casualties	142	*	TU TOTAL CASUALTIES
casualty	70	1	1 casualty
casualty	142	1	1 casualty
cdl	101	11	CDL truck/Bus involved
cdl	102	*	CDL TRUCK TYPE
cdl	103	*	CDL TRUCK BODY STYLE
cdl	200	*	CDL TYPE 1
cdl	201	*	CDL TYPE 2 H
cdl	202	*	CDL TYPE 2 N
cdl	203	*	CDL TYPE 2 P
cdl	204	*	CDL TYPE 2 T
cdl	205	*	CDL TYPE 2 X
cdl	206	*	CDL EXEMPT
cdl	208	*	CDL RESTRICTION 28
cdl	209	*	CDL RESTRICTION 29
cdl	210	*	CDL RESTRICTION 30
cdl	211	*	CDL RESTRICTION 35
cdl	212	*	CDL RESTRICTION 36
cdl	213	*	CDL LICENSE STATE
cdl	214	*	SOURCE OF CDL INFO
charlevoix	10	15	Charlevoix
chauffeurs	152	2	Chauffeurs license
cheboygan	10	16	Cheboygan
child	147	6	Child restraint used
child	303	6	Child restraint used
chippewa	10	17	Chippewa
church	105	6	Club/church ("Y" tag)
circumstance	36	*	FLAG: NO SPECIAL CIRCUMS
citation	124	*	DRIVER HAZARDOUS CITATN
citation	125	*	DRIVER OTHER CITATION
city	11	*	CITY OR TOWNSHIP
city	13	9	County road, city street, or unknown
city	14	993	City street that is not major arterial
city	18	2	Invalid city/township
clare	10	18	Clare
class	13	*	HIGHWAY CLASS
class	218	*	HAZMAT: CLASS
clear	30	1	Clear
clear	123	12	Clear distance
clinton	10	19	Clinton
cloudy	30	2	Cloudy
club	105	6	Club/church ("Y" tag)
code	43	0	Invalid code
code	311	*	AMBULANCE CODE

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
colorado	108	6	Colorado
colorado	151	6	Colorado
colorado	213	6	Colorado
commercial	102	1	Commercial truck AA (Group A vehicle)
commercial	105	2	Commercial
complaint	34	*	COMPLAINT STATUS
computed	134	*	CMPTD NUMBER FATAL
computed	135	*	CMPTD NUMBER INJURED
concrete	103	5	Concrete mixer
condition	23	*	ROAD CONDITIONS
configuration	107	*	NONCOMM TRAILER CONFIG
connecticut	108	7	Connecticut
connecticut	151	7	Connecticut
connecticut	213	7	Connecticut
connector	13	7	Connector
construction	27	*	CONSTRUCTION TYPE
construction	28	*	CONSTRUCTION LANE CLOSED
construction	29	*	CONSTRUCTION ACTIVITY
construction	104	6	Construction
construction	105	10	Road construction/maintenance
control	12	*	CONTROL SECTION
control	15	*	HIGHWAY CONTROL SECTION
control	16	*	CONTROL SECTION MLPT
control	26	*	TRAFFIC CONTROL
control	114	1	Loss of control
control	115	1	Loss of control
control	116	1	Loss of control
control	117	1	Loss of control
control	122	1	Loss of control
control	123	4	Traffic control
corner	109	2	Front corner, passenger side
county	10	*	COUNTY
county	13	9	County road, city street, or unknown
county	14	992	County road that is not major arterial
county	18	1	Invalid county
crash	17	3	This crash will be recycled through MALI
crash	20	0	Crash occurred on other than a roadway
crash	22	*	AREA OF ROAD AT CRASH
crash	32	*	HOW CRASH TOOK PLACE
crash	33	*	CRASH INVESTGTD AT SCENE
crash	44	1	This is a P.D. only crash (no injuries o
crash	45	1	This crash involved a drinking driver/pe
crash	46	1	This crash involved a truck or bus
crash	47	1	This crash involved a snowmobile
crash	48	1	This crash involved a police/fire/ambula
crash	49	1	This crash involved an Off Road Vehicle
crash	50	1	This crash involved a pedestrian
crash	51	2	No pedestrian record for crash
crash	52	*	FLAG: NONTRAFFIC CRASH
crash	53	1	This crash involved a bicyclist
crash	54	1	This crash involved any farm equipment
crash	57	*	FLAG: INJURY CRASH
crash	58	*	FLAG: FATAL CRASH
crash	62	*	NUMBER INJURED IN CRASH
crash	63	*	NUMBER FATAL IN CRASH
crash	111	*	DRIVABLE AFTER CRASH

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	44	*	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	44	1	This is a P.D. only crash (no injuries o
death	57	1	This is an injury crash (injuries but no
death	58	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	37	*	FLAG: DEER INVOLV/ASSOC
defect	106	*	VEHICLE DEFECT
degree	159	*	DRIVER DEGREE OF INJURY
degree	310	*	PASSENGER 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

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	45	*	FLAG: DRINKING OPERATOR
drinking	126	*	DRINKING INFORMATION
drivable	111	*	DRIVABLE AFTER CRASH
drive	13	8	Service drive
driver	45	1	This crash involved a drinking driver/pe
driver	109	6	Rear corner, driver side
driver	124	*	DRIVER HAZARDOUS CITATN
driver	125	*	DRIVER OTHER CITATION
driver	146	*	DRIVER POSITION
driver	147	*	DRIVER RESTRAINT
driver	148	*	DRIVER AIRBAG
driver	149	*	DRIVER EJECTION
driver	150	*	DRIVER TRAPPED
driver	151	*	DRIVER LICENSE STATE
driver	156	*	DRIVER BIRTH DATE
driver	157	*	DRIVER AGE
driver	158	*	DRIVER SEX
driver	159	*	DRIVER DEGREE OF INJURY
driver	214	3	Driver
driver	301	995	Driver record
driver	302	1	Left front, in-line vehicle driver, unco
driverless	112	22	Driverless moving
driveway	22	8	Driveway related/150'
dry	23	1	Dry
dump	103	4	Dump
dusk	31	3	Dusk
east	19	2	( E) East
east	113	1	East
eaton	10	23	Eaton
education	105	5	School/education
ejection	149	*	DRIVER EJECTION
ejection	305	*	PASSENGER EJECTION

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
embankment	114	36	Embankment
embankment	115	36	Embankment
embankment	116	36	Embankment
embankment	117	36	Embankment
embankment	122	36	Embankment
emergency	48	*	FLAG: EMERGENCY VEHICLE
emergency	105	3	Pursuit/emergency (in use)
emmet	10	24	Emmet
engineer	55	1	Engineer record found
engineer	146	51	(E) Engineer
engineer	302	51	(E) Engineer
entrance	22	1	Entrance/exit ramp related
equipment	54	*	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	54	*	FLAG: FARM EQUIPMENT
farm	104	5	Farm
farm	105	4	Farm
farm	107	4	Farm
farm	154	*	LICENSE TYPE - FARM
farm	206	1	Farm
fast	123	1	Speed too fast
fatal	58	*	FLAG: FATAL CRASH
fatal	63	*	NUMBER FATAL IN CRASH
fatal	64	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

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
fence	115	37	Fence
fence	116	37	Fence
fence	117	37	Fence
fence	122	37	Fence
field	128	*	FIELD SOBRIETY TEST
fire	48	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	36	*	FLAG: NO SPECIAL CIRCUMS
flag	37	*	FLAG: DEER INVOLV/ASSOC
flag	38	*	FLAG: SCHOOL BUS INV/ASC
flag	39	*	FLAG: HIT AND RUN
flag	40	*	FLAG: FLEEING /PURSUING
flag	41	*	FLAG: SPECIAL LOCAL STDY
flag	42	*	FLAG: SPECIAL STATE STDY
flag	44	*	FLAG: PROPERTY DAMAGE
flag	45	*	FLAG: DRINKING OPERATOR
flag	46	*	FLAG: TRUCK OR BUS
flag	47	*	FLAG: SNOWMOBILE
flag	48	*	FLAG: EMERGENCY VEHICLE
flag	49	*	FLAG: ORV INVOLVED
flag	50	*	FLAG: PEDESTRIAN
flag	51	*	FLAG: PED REC PRESENT
flag	52	*	FLAG: NONTRAFFIC CRASH
flag	53	*	FLAG: BICYCLIST
flag	54	*	FLAG: FARM EQUIPMENT
flag	55	*	FLAG: TRAIN ACCIDENT
flag	57	*	FLAG: INJURY CRASH
flag	58	*	FLAG: FATAL CRASH
flatbed	103	3	Flatbed/platform
fleeing	40	*	FLAG: FLEEING /PURSUING
florida	108	10	Florida
florida	151	10	Florida
florida	213	10	Florida
fog	30	3	Fog/smoke
freeway	22	6	All other freeway areas
friday	8	6	Friday
friday	9	120	12:00 a.m. Friday - 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

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
georgia	213	11	Georgia
gladwin	10	26	Gladwin
go-cart	101	7	Go-cart (GC)
gogebic	10	27	Gogebic
gore	21	5	In the gore (area between ramp and Xway
government	105	8	Other government nonemergency vehicle
grand traverse	10	28	Grand Traverse
gratiot	10	29	Gratiot
gross	216	*	GROSS VEH WEIGHT RATING
guardrail	114	25	Guardrail face
guardrail	115	25	Guardrail face
guardrail	116	25	Guardrail face
guardrail	117	25	Guardrail face
guardrail	122	25	Guardrail face
hail	30	7	Sleet/hail
harmful	114	*	HARMFUL EVENT #1
harmful	115	*	HARMFUL EVENT #2
harmful	116	*	HARMFUL EVENT #3
harmful	117	*	HARMFUL EVENT #4
harmful	118	*	EVENT 1 MOST HARMFUL
harmful	119	*	EVENT 2 MOST HARMFUL
harmful	120	*	EVENT 3 MOST HARMFUL
harmful	121	*	EVENT 4 MOST HARMFUL
harmful	122	*	MOST HARMFUL EVENT:MOST
hawaii	108	12	Hawaii
hawaii	151	12	Hawaii
hawaii	213	12	Hawaii
hazardous	102	2	Commercial truck AH (Group A vehicle, Ha
hazardous	123	*	HAZARDOUS ACTION
hazardous	124	*	DRIVER HAZARDOUS CITATN
hazmat	217	*	HAZMAT: TYPE
hazmat	218	*	HAZMAT: CLASS
hazmat	219	*	HAZMAT: PLACARD
hazmat	220	*	HAZMAT: SPILL
head	32	2	Head on
heavy	110	6	Heavy damage
helmet	147	10	Helmet worn
helmet	303	10	Helmet worn
highway	13	*	HIGHWAY CLASS
highway	14	*	HIGHWAY NUMBER
highway	15	*	HIGHWAY CONTROL SECTION
hillsdale	10	30	Hillsdale
hit	39	*	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

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
idaho	213	13	Idaho
ii	222	*	SAE AXLE TYPE: II
iii	223	*	SAE AXLE TYPE: III
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	64	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	62	*	NUMBER INJURED IN CRASH
injured	69	*	TOTAL INJURED IN ACC
injured	135	*	CMPTD NUMBER INJURED
injured	138	*	TU TOTAL A INJURED
injured	139	*	TU TOTAL B INJURED
injured	140	*	TU TOTAL C INJURED
injured	141	*	TU TOTAL INJURED
injuries	44	1	This is a P.D. only crash (no injuries o
injuries	57	1	This is an injury crash (injuries but no
injury	57	*	FLAG: INJURY CRASH
injury	64	*	WORST INJURY IN ACCIDENT
injury	136	*	TU WORST INJURY
injury	159	*	DRIVER DEGREE OF INJURY
injury	310	*	PASSENGER 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



## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
iv	224	*	SAE AXLE TYPE: IV
jackknife	114	10	Jackknife
jackknife	115	10	Jackknife
jackknife	116	10	Jackknife
jackknife	117	10	Jackknife
jackknife	122	10	Jackknife
jackson	10	38	Jackson
january	2	1	January
january	6	1	January 1- January 7
julian	7	*	JULIAN DAY FROM 03-01-00
july	2	7	July
july	6	27	July 1- July 7
june	2	6	June
june	6	22	May 27 - June 2
kalamazoo	10	39	Kalamazoo
kalkaska	10	40	Kalkaska
kansas	108	17	Kansas
kansas	151	17	Kansas
kansas	213	17	Kansas
kent	10	41	Kent
kentucky	108	18	Kentucky
kentucky	151	18	Kentucky
kentucky	213	18	Kentucky
keweenaw	10	42	Keweenaw
killed	63	1	One killed
killed	65	*	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

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	41	*	FLAG: SPECIAL LOCAL STDY
located	13	0	Not located
located	17	1	Successfully located
log	214	2	Log
loop	13	4	Interstate business loop or spur
louisiana	108	19	Louisiana
louisiana	151	19	Louisiana
louisiana	213	19	Louisiana
luce	10	48	Luce
luminaire	114	30	Luminaire support
luminaire	115	30	Luminaire support
luminaire	116	30	Luminaire support
luminaire	117	30	Luminaire support
luminaire	122	30	Luminaire support
mackinac	10	49	Mackinac
macomb	10	50	Macomb
mailbox	114	38	Mailbox
mailbox	115	38	Mailbox
mailbox	116	38	Mailbox
mailbox	117	38	Mailbox
mailbox	122	38	Mailbox
maine	108	20	Maine
maine	151	20	Maine
maine	213	20	Maine
maintenance	105	10	Road construction/maintenance
maintenance	27	1	Construction/Maintenance
major	14	991	Major arterial local trafficway (not a s
male	158	1	Male
male	309	1	Male
mali	17	2	Could not automatically locate in MALI i
manistee	10	51	Manistee
manitoba	108	55	Manitoba
manitoba	151	55	Manitoba

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
manitoba	213	55	Manitoba
march	2	3	March
march	6	9	February 26 - March 3
marking	214	4	Markings
marquette	10	52	Marquette
maryland	108	21	Maryland
maryland	151	21	Maryland
maryland	213	21	Maryland
mason	10	53	Mason
massachusetts	108	22	Massachusetts
massachusetts	151	22	Massachusetts
massachusetts	213	22	Massachusetts
may	2	5	May
may	6	18	April 29 - May 5
mdot	12	0	Primary street is not an MDOT Control Se
mecosta	10	54	Mecosta
median	21	2	In the median
median	22	2	Median crossing related
median	114	2	Cross center/median
median	115	2	Cross center/median
median	116	2	Cross center/median
median	117	2	Cross center/median
median	122	2	Cross center/median
medical	207	*	MEDICAL CARD
menominee	10	55	Menominee
mexico	108	65	Mexico
mexico	151	65	Mexico
mexico	213	65	Mexico
michigan	13	3	Michigan route
michigan	108	23	Michigan
michigan	151	23	Michigan
michigan	213	23	Michigan
midland	10	56	Midland
midnight	5	24	Midnight
milepoint	16	*	CONTROL SECTION MLPT
military	105	7	Military vehicle
minnesota	108	24	Minnesota
minnesota	151	24	Minnesota
minnesota	213	24	Minnesota
missaukee	10	57	Missaukee
mississippi	108	25	Mississippi
mississippi	151	25	Mississippi
mississippi	213	25	Mississippi
missouri	108	26	Missouri
missouri	151	26	Missouri
missouri	213	26	Missouri
mix	43	*	TRAFFIC UNIT MIX
mixer	103	5	Concrete mixer
moderate	110	3	Moderate damage
monday	8	2	Monday
monday	9	24	12:00 a.m. Monday - 12:59 a.m. Monday
monroe	10	58	Monroe
montana	108	27	Montana
montana	151	27	Montana
montana	213	27	Montana
montcalm	10	59	Montcalm

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
month	2	*	ACCIDENT MONTH
montmorency	10	60	Montmorency
moped	43	4	Car - motorcycle, moped
moped	101	6	Moped (MO)
moped	152	3	Moped license
motorcycle	43	4	Car - motorcycle, moped
motorhome	101	2	Van, motorhome (VA)
motor-vehicle	114	17	Motor-vehicle in transport
motor-vehicle	115	17	Motor-vehicle in transport
motor-vehicle	116	17	Motor-vehicle in transport
motor-vehicle	117	17	Motor-vehicle in transport
motor-vehicle	122	17	Motor-vehicle in transport
muddy	23	5	Muddy
muskegon	10	61	Muskegon
nebraska	108	28	Nebraska
nebraska	151	28	Nebraska
nebraska	213	28	Nebraska
nevada	108	29	Nevada
nevada	151	29	Nevada
nevada	213	29	Nevada
new brunswick	108	56	New Brunswick
new brunswick	151	56	New Brunswick
new brunswick	213	56	New Brunswick
new hampshire	108	30	New Hampshire
new hampshire	151	30	New Hampshire
new hampshire	213	30	New Hampshire
new jersey	108	31	New Jersey
new jersey	151	31	New Jersey
new jersey	213	31	New Jersey
new mexico	108	32	New Mexico
new mexico	151	32	New Mexico
new mexico	213	32	New Mexico
new york	108	33	New York
new york	151	33	New York
new york	213	33	New York
newaygo	10	62	Newaygo
newfoundland	108	57	Newfoundland
newfoundland	151	57	Newfoundland
newfoundland	213	57	Newfoundland
non-cdl	102	98	Non-CDL vehicle, no truck supplement dat
non-cdl	103	98	Non-CDL vehicle, no truck supplement dat
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	64	3	B - nonincapacitating injury
nonincapacitating	136	3	B - nonincapacitating injury
nonincapacitating	159	3	Nonincapacitating injury

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
nonincapacitating	310	3	Nonincapacitating injury
non-numeric data	10	99	Non-numeric data
nonparked	60	*	TOTAL NONPARKED UNITS
nontraffic	12	4	Nontraffic location (internally generate
nontraffic	22	19	Nontraffic area
nontraffic	52	*	FLAG: NONTRAFFIC CRASH
north	19	4	( N) North
north	113	2	North
north carolina	108	34	North Carolina
north carolina	151	34	North Carolina
north carolina	213	34	North Carolina
north dakota	108	35	North Dakota
north dakota	151	35	North Dakota
north dakota	213	35	North Dakota
northeast	19	5	(NE) Northeast
northeast	113	3	Northeast
northwest	19	6	(NW) Northwest
northwest	113	4	Northwest
northwest territorie	108	58	Northwest Territories
northwest territorie	151	58	Northwest Territories
northwest territorie	213	58	Northwest Territories
nova scotia	108	59	Nova Scotia
nova scotia	151	59	Nova Scotia
nova scotia	213	59	Nova Scotia
november	2	11	November
november	6	44	October 28 - November 3
oakland	10	63	Oakland
occupant	133	*	TOTAL OCCUPANTS IN VEH
occupant	144	*	TOTAL OCC RECS FOR TU
oceana	10	64	Oceana
october	2	10	October
october	6	40	September 30 - October 6
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	45	*	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	49	*	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

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
overtake	112	17	Overtake/passing
overturn	114	6	Overturn
overturn	115	6	Overturn
overturn	116	6	Overturn
overturn	117	6	Overturn
overturn	122	6	Overturn
papers	214	1	Papers
parapet	114	23	Bridge parapet end
parapet	115	23	Bridge parapet end
parapet	116	23	Bridge parapet end
parapet	117	23	Bridge parapet end
parapet	122	23	Bridge parapet end
parked	112	23	Parked
parked	114	18	Parked vehicle
parked	115	18	Parked vehicle
parked	116	18	Parked vehicle
parked	117	18	Parked vehicle
parked	122	18	Parked vehicle
parking	22	13	Parking related
parking	112	12	Enter parking
passenger	101	1	Passenger & station wagon (PA)
passenger	102	4	Commercial truck AP (Group A vehicle, Pa
passenger	109	2	Front corner, passenger side
passenger	146	4	Left rear, in-line vehicle passenger #1
passenger	301	*	PASSENGER NUMBER
passenger	302	*	PASSENGER POSITION
passenger	303	*	PASSENGER RESTRAINT
passenger	304	*	PASSENGER AIRBAG
passenger	305	*	PASSENGER EJECTION
passenger	306	*	PASSENGER TRAPPED
passenger	309	*	PASSENGER SEX
passenger	310	*	PASSENGER DEGREE OF INJ
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	43	6	Car - pedestrian, pedalcyclist
pedestrian	43	6	Car - pedestrian, pedalcyclist
pedestrian	45	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

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	48	1	This crash involved a police/fire/ambula
police	104	1	Police
position	146	*	DRIVER POSITION
position	302	*	PASSENGER POSITION
post	114	28	Traffic sign post
post	115	28	Traffic sign post
post	116	28	Traffic sign post
post	117	28	Traffic sign post
post	122	28	Traffic sign post
posted	25	*	POSTED SPEED LIMIT
pound	101	4	Truck under 10,000 lbs. (ST)
presque isle	10	71	Presque Isle
primary	12	0	Primary street is not an MDOT Control Se
prince edward island	108	61	Prince Edward Island
prince edward island	151	61	Prince Edward Island
prince edward island	213	61	Prince Edward Island
private	105	1	Private
processed	61	*	TOTAL UNITS PROCESSED
property	35	*	PUBLIC PROPERTY DAMAGED
property	44	*	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	40	*	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

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
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 0109, 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
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	*	PASSENGER 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	49	1	This crash involved an Off Road Vehicle



## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
roscommon	10	72	Roscommon
route	13	1	Interstate route
run	39	*	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
sae	221	*	SAE AXLE TYPE: I
sae	222	*	SAE AXLE TYPE: II
sae	223	*	SAE AXLE TYPE: III
sae	224	*	SAE AXLE TYPE: IV
saginaw	10	73	Saginaw
sanilac	10	74	Sanilac
saskatchewan	108	63	Saskatchewan
saskatchewan	151	63	Saskatchewan
saskatchewan	213	63	Saskatchewan
saturday	8	7	Saturday
saturday	9	144	12:00 a.m. Saturday - 12:59 a.m. Saturda
scale	22	5	Scale/weigh station related
scene	33	*	CRASH INVESTGTD AT SCENE
school	38	*	FLAG: SCHOOL BUS INV/ASC
school	105	5	School/education
schoolcraft	10	75	Schoolcraft
seat	146	7	Left rear 3rd seat, in-line vehicle pass
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	*	PASSENGER SEX
shiawassee	10	76	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

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	43	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
snow	30	5	Snow/blowing snow
snowmobile	47	*	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	36	*	FLAG: NO SPECIAL CIRCUMS
special	41	*	FLAG: SPECIAL LOCAL STDY
special	42	*	FLAG: SPECIAL STATE STDY
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	77	St. Clair
st. joseph	10	78	St. Joseph
stand	112	29	Stand/lay in road
state	14	991	Major arterial local trafficway (not a s
state	42	*	FLAG: SPECIAL STATE STDY
state	108	*	REGISTRATION STATE
state	151	*	DRIVER LICENSE STATE

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	41	*	FLAG: SPECIAL LOCAL STDY
study	42	*	FLAG: SPECIAL STATE STDY
style	103	*	CDL TRUCK BODY STYLE
sunday	8	1	Sunday
sunday	9	0	12:00 a.m. Sunday - 12:59 a.m. Sunday
support	114	30	Luminaire support
support	115	30	Luminaire support
support	116	30	Luminaire support
support	117	30	Luminaire support
support	122	30	Luminaire support
tank	102	3	Commercial truck AN (Group A vehicle, Ta
tank	103	2	Cargo tank
tdc-umtri	1	*	TDC-UMTRI CASE NUMBER
tdc-umtri	145	*	TDC-UMTRI UNIT NUMBER
tennessee	108	44	Tennessee
tennessee	151	44	Tennessee
tennessee	213	44	Tennessee
terrain	101	9	Off Road Vehicle-ORV/All Terrain Vehicle
test	128	*	FIELD SOBRIETY TEST
test	129	*	PBT TEST
test	130	*	BREATHALYZER TEST
test	131	*	URINE TEST
test	132	*	BLOOD TEST
texas	108	45	Texas
texas	151	45	Texas
texas	213	45	Texas
thirty-four	62	34	Thirty-four injured
thursday	8	5	Thursday
thursday	9	96	12:00 a.m. Thursday - 12:59 a.m. Thursda
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	43	*	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

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	55	*	FLAG: TRAIN ACCIDENT
train	114	19	Railway train
train	115	19	Railway train
train	116	19	Railway train
train	117	19	Railway train
train	122	19	Railway train
transition	22	3	Transition area
transport	114	17	Motor-vehicle in transport
transport	115	17	Motor-vehicle in transport
transport	116	17	Motor-vehicle in transport
transport	117	17	Motor-vehicle in transport
transport	122	17	Motor-vehicle in transport
transporter	103	6	Auto transporter
trapped	150	*	DRIVER TRAPPED
trapped	306	*	PASSENGER 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	43	3	Car - truck
truck	46	*	FLAG: TRUCK OR BUS
truck	56	*	NUMBER TRUCK SUPPL FORMS
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. Tuesday - 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 TYPE 1
type	201	*	CDL TYPE 2 H

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
type	202	*	CDL TYPE 2 N
type	203	*	CDL TYPE 2 P
type	204	*	CDL TYPE 2 T
type	205	*	CDL TYPE 2 X
type	217	*	HAZMAT: TYPE
type	221	*	SAE AXLE TYPE: I
type	222	*	SAE AXLE TYPE: II
type	223	*	SAE AXLE TYPE: III
type	224	*	SAE AXLE TYPE: IV
undercarriage	109	9	Undercarriage
unenclosed	146	12	Other unenclosed area
unenclosed	302	12	Other unenclosed area
uninjured	71	*	TOTAL UNINJURED IN ACC
uninjured	143	*	TU TOTAL UNINJURED
urine	131	*	URINE TEST
usage	123	8	Improper lane usage
utah	108	46	Utah
utah	151	46	Utah
utah	213	46	Utah
utility	27	2	Utility
utility	105	9	Utility
utility	107	1	Utility
utility	114	31	Utility pole
utility	115	31	Utility pole
utility	116	31	Utility pole
utility	117	31	Utility pole
utility	122	31	Utility pole
u-turn	112	16	U-turn
van	101	2	Van, motorhome (VA)
van	103	1	Van/enclosed box
van buren	10	80	Van Buren
vehicle-atv	101	9	Off Road Vehicle-ORV/All Terrain Vehicle
vehicle-orv	101	9	Off Road Vehicle-ORV/All Terrain Vehicle
vermont	108	47	Vermont
vermont	151	47	Vermont
vermont	213	47	Vermont
virginia	108	48	Virginia
virginia	151	48	Virginia
virginia	213	48	Virginia
wagon	101	1	Passenger & station wagon (PA)
washington	108	49	Washington
washington	151	49	Washington
washington	213	49	Washington
washtenaw	10	81	Washtenaw
way	123	5	Wrong way
wayne	10	82	Wayne
weather	30	*	WEATHER
wednesday	8	4	Wednesday
wednesday	9	72	12:00 a.m. Wednesday - 12:59 a.m. Wednes
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

## Michigan 1995 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	64	*	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

