

Transportation Data Center  
Data Set Codebook

NUMBER 2009-5

DECEMBER 2009



The University of Michigan  
Transportation Research Institute



STATE OF MICHIGAN  
The Michigan Traffic Crash Facts Variables  
2008 - 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	2
5	TIME OF DAY	2	Numeric	2
8	DAY OF WEEK	1	Numeric	3
10	COUNTY	2	Numeric	3
11	CITY OR TOWNSHIP	2	Numeric	5
12	CONTROL SECTION	1	Numeric	5
13	HIGHWAY CLASS	1	Numeric	6
14	HIGHWAY NUMBER	3	Numeric	6
20	NUMBER OF TRAFFIC LANES	2	Numeric	10
21	RELATION TO ROADWAY	1	Numeric	10
22	AREA OF ROAD AT CRASH	2	Numeric	10
23	ROAD CONDITIONS	1	Numeric	11
24	SPEED LIMIT AT CRASHSITE	2	Numeric	11
25	POSTED SPEED LIMIT	1	Numeric	12
26	TRAFFIC CONTROL	1	Numeric	12
27	TRAFFICWAY	1	Numeric	12
28	ACCESS CONTROL	1	Numeric	13
29	CONSTRUCTION TYPE	1	Numeric	13
30	CONSTRUCTION LANE CLOSED	1	Numeric	13
31	CONSTRUCTION ACTIVITY	1	Numeric	14
32	WEATHER	1	Numeric	14
33	LIGHT	1	Numeric	14
34	CRASH TYPE	2	Numeric	15
35	CRASH INVESTGTD AT SCENE	1	Numeric	15
36	COMPLAINT STATUS	1	Numeric	15
38	TOTAL UNITS REPORTED	3	Numeric	15
39	TOTAL MOTOR VEHICLES	3	Numeric	16
40	NUMBER TRUCK SUPPL FORMS	2	Numeric	16
44	CRASH: HIT-AND-RUN	1	Numeric	17
45	CRASH: FLEEING/PURSUIING	1	Numeric	17
46	CRASH: DEER INVOLV/ASSOC	1	Numeric	17
47	CRASH: SCHOOL BUS	1	Numeric	18
49	CRASH: DRINKING	1	Numeric	18
50	CRASH: DRUG USE	1	Numeric	18
51	CRASH: PEDESTRIAN	1	Numeric	18
53	CRASH: BICYCLIST	1	Numeric	19
54	CRASH: SNOWMOBILE	1	Numeric	19
55	CRASH: MOTORCYCLE	1	Numeric	19
56	CRASH: ORV	1	Numeric	19
57	CRASH: FARM EQUIPMENT	1	Numeric	20
58	CRASH: TRAIN	1	Numeric	20
59	CRASH: TRUCK OR BUS	1	Numeric	20
60	CRASH: EMERGENCY VEHICLE	1	Numeric	20
62	CRASH: PROPERTY DAMAGE	1	Numeric	21
63	CRASH: INJURY CRASH	1	Numeric	21
64	CRASH: FATAL CRASH	1	Numeric	21
67	WORST INJURY IN ACCIDENT	1	Numeric	21

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<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
75	GPS X COORDINATE	17	Alphabetic	22
76	GPS Y COORDINATE	17	Alphabetic	22
84	CRASH: LANE DEPARTURE	1	Numeric	22
85	CRASH: INTERSECTION	1	Numeric	22
86	CRASH: YOUNG DRIVER	2	Numeric	22
87	CRASH: ELDERLY DRIVER	2	Numeric	22

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2008 - Vehicle/Driver

Variable Number	Variable Name	Width	Storage Type	Page Number
100	UNIT NUMBER	2	Numeric	25
101	VEHICLE TYPE	2	Numeric	26
102	TRAFFIC UNIT TYPE	1	Numeric	27
103	CDL TRUCK TYPE	2	Numeric	27
104	CDL CARGO BODY TYPE	1	Numeric	28
105	SPECIAL VEHICLE	1	Numeric	28
106	VEHICLE USE	2	Numeric	29
107	VEHICLE DEFECT	1	Numeric	29
108	NONCOMM TRAILER CONFIG	1	Numeric	29
109	REGISTRATION STATE	4	Numeric	30
110	FIRST IMPACT POINT	2	Numeric	32
111	WORST IMPACT POINT	2	Numeric	33
112	EXTENT OF DAMAGE	1	Numeric	33
113	DRIVEABLE AFTER CRASH	1	Numeric	34
114	ACTION PRIOR TO CRASH	2	Numeric	34
115	DIRECTION OF TRAVEL	1	Numeric	35
116	SEQUENCE OF EVENTS #1	2	Numeric	35
117	SEQUENCE OF EVENTS #2	2	Numeric	37
118	SEQUENCE OF EVENTS #3	2	Numeric	38
119	SEQUENCE OF EVENTS #4	2	Numeric	39
124	MOST HARMFUL EVENT	2	Numeric	40
125	HAZARDOUS ACTION	2	Numeric	42
126	DRIVER HAZARDOUS CITATN	1	Numeric	42
127	DRIVER OTHER CITATION	1	Numeric	42
128	DRIVER DRINKING	1	Numeric	43
129	REFUSAL INFORMATION-ALC	1	Numeric	43
130	FIELD SOBRIETY TEST-ALC	1	Numeric	43
131	PBT TEST - ALCOHOL	1	Numeric	43
132	BREATHALYZER TEST	1	Numeric	43
133	URINE TEST - ALCOHOL	1	Numeric	44
134	BLOOD TEST - ALCOHOL	1	Numeric	44
135	TEST OFFERED-ALCOHOL	1	Numeric	44
136	TEST RESULT - ALCOHOL	3	Numeric	44
137	IGNITION INTERLOCK	1	Numeric	45
138	DRUGS SUSPECTED	1	Numeric	46
139	BLOOD TEST - DRUG	1	Numeric	46
140	URINE TEST - DRUG	1	Numeric	46
141	TEST RESULT - DRUG	3	Numeric	46
142	TOTAL OCCUPANTS IN UNIT	2	Numeric	54
143	NUMBER OF FATALS IN UNIT	3	Numeric	56
144	NUMBER OF INJURIES-UNIT	3	Numeric	56
145	WORST INJURY IN VEHICLE	1	Numeric	57
154	DRIVER POSITION	2	Numeric	57
155	DRIVER RESTRAINT	2	Numeric	58
156	DRIVER AIRBAG	1	Numeric	58
157	DRIVER EJECTION	1	Numeric	59
158	DRIVER TRAPPED	1	Numeric	59
159	DRIVER LICENSE STATE	4	Numeric	59
160	LICENSE TYPE	1	Numeric	62
161	LICENSE TYPE - CYCLE	1	Numeric	62

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2008 - Vehicle/Driver

Variable Number	Variable Name	Width	Storage Type	Page Number
162	LICENSE TYPE - FARM	1	Numeric	62
163	LICENSE-RECREATIONAL DBL	1	Numeric	62
165	DRIVER AGE	3	Numeric	63
166	DRIVER GENDER	1	Numeric	65
167	DRIVER DEGREE OF INJURY	1	Numeric	65
168	DRIVER CONDITION NORMAL	2	Numeric	65
169	DRIVER CONDITION ALCOHOL	2	Numeric	66
170	DRIVER CONDITION DRUGS	2	Numeric	66
171	DRIVER CONDITION SICK	2	Numeric	66
172	DRIVER CONDITION FATIGUE	2	Numeric	67
173	DRIVER CONDITION ASLEEP	2	Numeric	67
174	DRIVER CONDITION MEDICIN	2	Numeric	67
175	DRIVER CONDITION DISTRAC	2	Numeric	67
176	DRIVER CONDITION CELL PH	2	Numeric	68
177	DRIVER CONDITION UNKNOWN	2	Numeric	68
179	VIN-VEHICLE YEAR	4	Numeric	68

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2008 - Truck

Variable Number	Variable Name	Width	Storage Type	Page Number
200	CDL GROUP TYPE	1	Numeric	71
201	CDL H ENDORSEMENT	1	Numeric	71
202	CDL N ENDORSEMENT	1	Numeric	72
203	CDL P ENDORSEMENT	1	Numeric	72
204	CDL T ENDORSEMENT	1	Numeric	72
205	CDL X ENDORSEMENT	1	Numeric	73
206	CDL BUS ENDORSEMENT	1	Numeric	73
207	CDL EXEMPTION	1	Numeric	73
208	MEDICAL CARD PRESENTED	1	Numeric	74
209	CDL RESTRICTION 28	1	Numeric	74
210	CDL RESTRICTION 29	1	Numeric	74
211	CDL RESTRICTION 30	1	Numeric	75
212	CDL RESTRICTION 35	1	Numeric	75
213	CDL RESTRICTION 36	1	Numeric	75
214	SOURCE OF CARRIER INFO	1	Numeric	75
215	INTER/INTRA STATE	1	Numeric	76
219	HAZMAT: PLACARD	1	Numeric	76
220	HAZMAT: SPILL	1	Numeric	76
228	CARRIER STATE	4	Numeric	77



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2008 - Person

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
300	UNIT NUMBER	2	Numeric	81
301	PARTY TYPE	1	Numeric	82
302	PERSON POSITION	2	Numeric	82
303	PERSON RESTRAINT	2	Numeric	83
304	PERSON AIRBAG DEPLOYED	1	Numeric	83
305	PERSON EJECTION	1	Numeric	84
306	PERSON TRAPPED	1	Numeric	84
308	PERSON AGE	3	Numeric	84
309	PERSON GENDER	1	Numeric	86
310	PERSON DEGREE OF INJURY	1	Numeric	87



STATE OF MICHIGAN  
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2008 - Accident

The ACCIDENT Variables

These variables describe the accident. They are included in the Accident, Vehicle, and Person 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

TDC Variable - caseno

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

TCRS Variable - cmonth

2008 Prcnt	Code	Value and Description
31712	10.0	1 January
34435	10.9	2 February
24176	7.6	3 March
18685	5.9	4 April
22222	7.0	5 May
22501	7.1	6 June
20775	6.6	7 July
20004	6.3	8 August
22218	7.0	9 September
28735	9.1	10 October
33908	10.7	11 November
36686	11.6	12 December

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

TCRS Variable - cday

2008 Prcnt	Code	Value and Description
11899	3.8	1 1st
10158	3.2	2 2nd
9668	3.1	3 3rd
9735	3.1	4 4th
9463	3.0	5 5th
11667	3.7	6 6th
9544	3.0	7 7th
10019	3.2	8 8th
9835	3.1	9 9th
11380	3.6	10 10th

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Variable 3: ACCIDENT DAY (Continued)

2008	Prcnt	Code	Value and Description
10235	3.2	11	11th
10052	3.2	12	12th
10336	3.3	13	13th
10847	3.4	14	14th
10196	3.2	15	15th
9987	3.2	16	16th
11272	3.6	17	17th
10659	3.4	18	18th
9895	3.1	19	19th
9752	3.1	20	20th
11691	3.7	21	21st
11838	3.7	22	22nd
10478	3.3	23	23rd
11311	3.6	24	24th
9714	3.1	25	25th
11217	3.5	26	26th
8840	2.8	27	27th
9102	2.9	28	28th
9978	3.2	29	29th
9382	3.0	30	30th
5907	1.9	31	31st

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

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TCRS Variable - nyear

2008	Prcnt	Code	Value and Description
316057	100.0	2008	2008

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

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TCRS Variable - nhour

2008	Prcnt	Code	Value and Description
6173	2.0	0	12:00 midnight - 1:00 AM
5540	1.8	1	1:00 AM - 2:00 AM
5519	1.7	2	2:00 AM - 3:00 AM
3909	1.2	3	3:00 AM - 4:00 AM
3845	1.2	4	4:00 AM - 5:00 AM
7190	2.3	5	5:00 AM - 6:00 AM
11543	3.7	6	6:00 AM - 7:00 AM
18374	5.8	7	7:00 AM - 8:00 AM
15077	4.8	8	8:00 AM - 9:00 AM
12382	3.9	9	9:00 AM - 10:00 AM

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Variable 5: TIME OF DAY (Continued)

2008 Prcnt	Code	Value and Description
12768	4.0	10 10:00 AM - 11:00 AM
14453	4.6	11 11:00 AM - 12:00 noon
16345	5.2	12 12:00 noon - 1:00 PM
15450	4.9	13 1:00 PM - 2:00 PM
17869	5.7	14 2:00 PM - 3:00 PM
21823	6.9	15 3:00 PM - 4:00 PM
21036	6.7	16 4:00 PM - 5:00 PM
23258	7.4	17 5:00 PM - 6:00 PM
19827	6.3	18 6:00 PM - 7:00 PM
15544	4.9	19 7:00 PM - 8:00 PM
13792	4.4	20 8:00 PM - 9:00 PM
13310	4.2	21 9:00 PM - 10:00 PM
11186	3.5	22 10:00 PM - 11:00 PM
8442	2.7	23 11:00 PM - 12:00 midnight
1402	0.4	99 Unknown

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

TCRS Variable - day\_of\_week

2008 Prcnt	Code	Value and Description
33820	10.7	1 Sunday
46739	14.8	2 Monday
49094	15.5	3 Tuesday
48369	15.3	4 Wednesday
43883	13.9	5 Thursday
52681	16.7	6 Friday
41471	13.1	7 Saturday

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

TCRS Variable - cnty\_cd

COUNTY (STATE POLICE CODING)

2008 Prcnt	Code	Value and Description
700	0.2	1 Alcona
324	0.1	2 Alger
3694	1.2	3 Allegan
976	0.3	4 Alpena
916	0.3	5 Antrim
880	0.3	6 Arenac
394	0.1	7 Baraga
1982	0.6	8 Barry

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## Variable 10: COUNTY (Continued)

2008	Prcnt	Code	Value and Description
3115	1.0	9	Bay
577	0.2	10	Benzie
5711	1.8	11	Berrien
1973	0.6	12	Branch
5579	1.8	13	Calhoun
1895	0.6	14	Cass
1044	0.3	15	Charlevoix
1020	0.3	16	Cheboygan
1197	0.4	17	Chippewa
1262	0.4	18	Clare
2814	0.9	19	Clinton
607	0.2	20	Crawford
1694	0.5	21	Delta
1097	0.3	22	Dickinson
4016	1.3	23	Eaton
1483	0.5	24	Emmet
11443	3.6	25	Genesee
945	0.3	26	Gladwin
325	0.1	27	Gogebic
3528	1.1	28	Grand Traverse
1819	0.6	29	Gratiot
1994	0.6	30	Hillsdale
1130	0.4	31	Houghton
1795	0.6	32	Huron
9778	3.1	33	Ingham
2491	0.8	34	Ionia
836	0.3	35	Iosco
648	0.2	36	Iron
2973	0.9	37	Isabella
6262	2.0	38	Jackson
9134	2.9	39	Kalamazoo
663	0.2	40	Kalkaska
19780	6.3	41	Kent
83	0.0	42	Keweenaw
491	0.2	43	Lake
3250	1.0	44	Lapeer
634	0.2	45	Leelanau
2676	0.8	46	Lenawee
5165	1.6	47	Livingston
249	0.1	48	Luce
673	0.2	49	Mackinac
22525	7.1	50	Macomb
1005	0.3	51	Manistee
2094	0.7	52	Marquette
1576	0.5	53	Mason
2111	0.7	54	Mecosta
1141	0.4	55	Menominee
2665	0.8	56	Midland
659	0.2	57	Missaukee
4134	1.3	58	Monroe
2831	0.9	59	Montcalm
344	0.1	60	Montmorency

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Variable 10: COUNTY (Continued)

2008 Prcnt	Code	Value and Description
5192	1.6	61 Muskegon
1734	0.5	62 Newaygo
37384	11.8	63 Oakland
1091	0.3	64 Oceana
1092	0.3	65 Ogemaw
352	0.1	66 Ontonagon
1227	0.4	67 Osceola
281	0.1	68 Oscoda
904	0.3	69 Otsego
7334	2.3	70 Ottawa
557	0.2	71 Presque Isle
846	0.3	72 Roscommon
6206	2.0	73 Saginaw
4328	1.4	74 St. Clair
1859	0.6	75 St. Joseph
1738	0.5	76 Sanilac
470	0.1	77 Schoolcraft
2501	0.8	78 Shiawassee
2025	0.6	79 Tuscola
2749	0.9	80 Van Buren
10317	3.3	81 Washtenaw
49587	15.7	82 Wayne
1483	0.5	83 Wexford

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

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TCRS Variable - city\_twsp\_cd

Use in conjunction with V10

2008 Prcnt	Code	Value and Description
	0	Uncoded & errors
	1	
	99	Detroit or missing data

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Variable 12      CONTROL SECTION      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

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TCRS Variable - cs\_ind

2008 Prcnt	Code	Value and Description
189402	59.9	0 No trunkline involved
89985	28.5	1 Mainline forward or undivided
27683	8.8	2 Mainline reverse (always divided one-way)
491	0.2	3 Outside forward (always divided one-way/ CD/service drive)

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## Variable 12:CONTROL SECTION (Continued)

2008	Prcnt	Code	Value and Description
463	0.1	4	Outside reverse (always divided one-way/ CD/service drive)
8033	2.5	5	Ramps and other short trunkline elements

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

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## TCRS Variable - hwy\_clss\_cd

2008	Prcnt	Code	Value and Description
33037	10.5	1	Interstate route
24500	7.8	2	U.S. route
60988	19.3	3	Michigan route
4620	1.5	4	Interstate business loop or spur
2825	0.9	5	U.S. business route
93	0.0	6	Michigan business route
595	0.2	7	Connector
783	0.2	8	Not located (spaces)
188616	59.7	9	County road/ city street/ or unknown

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

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## TCRS Variable - hwy\_num

2008	Prcnt	Code	Value and Description
0	0.0	0	Did not locate
1356	0.4	1	M-1
1582	0.5	2	M-2\US-2\US-2BR
2074	0.7	3	M-3
0	0.0	4	M-4
828	0.3	5	M-5
414	0.1	6	M-6
13	0.0	7	M-7
393	0.1	8	M-8\US-8
14	0.0	9	M-9
2670	0.8	10	M-10\US-10\US-10BR
1129	0.4	11	M-11
3335	1.1	12	M-12\US-12\US-12BL\US-12BR
728	0.2	13	M-13
1086	0.3	14	M-14\M-14old
737	0.2	15	M-15
0	0.0	16	US-16
458	0.1	17	M-17
262	0.1	18	M-18
461	0.1	19	M-19
1211	0.4	20	M-20

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Variable 14:HIGHWAY NUMBER (Continued)

2008	Prcnt	Code	Value and Description
1443	0.5	21	M-21\M-21old
307	0.1	22	M-22
2982	0.9	23	M-23\US-23\US-23R
5467	1.7	24	M-24\US-24\US-24BR
1129	0.4	25	M-25\US-25
265	0.1	26	M-26
467	0.1	27	M-27\US-27
566	0.2	28	M-28\M-28BR
546	0.2	29	M-29
227	0.1	30	M-30
5067	1.6	31	M-31\US-31\US-31BR\US-31old
457	0.1	32	M-32\M-32BR
306	0.1	33	M-33\US-33
150	0.0	34	M-34
423	0.1	35	M-35
329	0.1	36	M-36
2144	0.7	37	M-37
96	0.0	38	M-38
1330	0.4	39	M-39
537	0.2	40	M-40
1523	0.5	41	M-41\US-41
61	0.0	42	M-42
2798	0.9	43	M-43
702	0.2	44	M-44\M-44Conn
733	0.2	45	M-45\US-45
1672	0.5	46	M-46
181	0.1	47	M-47
62	0.0	48	M-48
94	0.0	49	M-49
1118	0.4	50	M-50
457	0.1	51	M-51\M-51TR
1094	0.3	52	M-52
2325	0.7	53	M-53
479	0.2	54	M-54
772	0.2	55	M-55\M-55old
798	0.3	57	M-57
418	0.1	58	M-58
3604	1.1	59	M-59
703	0.2	60	M-60\M60BR
213	0.1	61	M-61
157	0.0	62	M-62
262	0.1	63	M-63
61	0.0	64	M-64
259	0.1	65	M-65
1608	0.5	66	M-66
19	0.0	67	M-67\I-67
201	0.1	68	M-68
2973	0.9	69	M-69\I-69\I-69BL
102	0.0	71	M-71
575	0.2	72	M-72
30	0.0	73	M-73\I-73
9165	2.9	75	M-75\I-75\I-75BL\I-75BS

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## Variable 14: HIGHWAY NUMBER (Continued)

2008	Prcnt	Code	Value and Description
42	0.0	77	M-77\I-77
55	0.0	78	M-78
169	0.1	79	M-79
25	0.0	80	M-80
423	0.1	81	M-81
247	0.1	82	M-82
126	0.0	83	M-83
424	0.1	84	M-84
861	0.3	85	M-85
153	0.0	86	M-86
120	0.0	88	M-88
547	0.2	89	M-89
179	0.1	90	M-90
244	0.1	91	M-91
0	0.0	92	I-92
30	0.0	93	M-93
11601	3.7	94	M-94\I-94\I-94BL\I-94BR
258	0.1	95	M-95
8103	2.6	96	M-96\I-96\I-96BS
883	0.3	97	M-97
961	0.3	99	M-99
147	0.0	100	M-100
1228	0.4	102	M-102\US-102
8	0.0	103	M-103
151	0.0	104	M-104
221	0.1	106	M-106
9	0.0	107	M-107
3	0.0	108	M-108
3	0.0	109	M-109
0	0.0	110	M-110
0	0.0	112	US-112
93	0.0	113	M-113
503	0.2	115	M-115
47	0.0	116	M-116
32	0.0	117	M-117
112	0.0	119	M-119
292	0.1	120	M-120
67	0.0	121	M-121
73	0.0	123	M-123
39	0.0	124	M-124
259	0.1	125	M-125
3068	1.0	127	M-127\US-127\US-127BR
152	0.0	129	M-129
4664	1.5	131	M-131\US-131\US-131BL\US-131BR\US-131old
90	0.0	134	M-134
81	0.0	136	M-136
15	0.0	137	M-137
30	0.0	138	M-138
268	0.1	139	M-139
157	0.0	140	M-140
78	0.0	141	M-141\US-141
215	0.1	142	M-142

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Variable 14:HIGHWAY NUMBER (Continued)

2008	Prcnt	Code	Value and Description
36	0.0	143	M-143
11	0.0	149	M-149
470	0.1	150	M-150
35	0.0	152	M-152
1695	0.5	153	M-153
6	0.0	154	M-154
66	0.0	155	M-155
26	0.0	156	M-156
0	0.0	157	M-157
1	0.0	168	M-168
101	0.0	179	M-179
19	0.0	183	M-183
0	0.0	185	M-185
3	0.0	186	M-186
6	0.0	188	M-188
20	0.0	189	M-189
86	0.0	194	I-194
2070	0.7	196	I-196\I-196BS\I-196BL
24	0.0	199	M-199
7	0.0	201	M-201
32	0.0	203	M-203
31	0.0	204	M-204
11	0.0	211	M-211
0	0.0	212	M-212
42	0.0	216	M-216
5	0.0	217	M-217
2	0.0	221	M-221
67	0.0	222	M-222
342	0.1	223	US-223
66	0.0	227	M-227
10	0.0	239	M-239
14	0.0	240	Connector 240
25	0.0	247	M-247
788	0.2	275	I-275
17	0.0	294	M-294
208	0.1	296	I-296
44	0.0	311	M-311
353	0.1	331	M-331
111	0.0	375	I-375
458	0.1	475	I-475
671	0.2	496	I-496
79	0.0	553	US-553
0	0.0	554	M-554
188	0.1	675	I-675
2627	0.8	696	I-696
21	0.0	850	Connector 850
189399	59.9	999	Local road or unknown

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---

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

TCRS Variable - num\_lns

2008 Prcnt	Code	Value and Description
386	0	Crash occurred on other than a roadway
7878	1	1 lane
179777	2	2 lanes
35984	3	3 lanes
40292	4	4 lanes
38762	5	5 lanes
4910	6	6 lanes
2483	7	7 lanes
685	8	8 lanes
180	9	9 lanes
4720	99	Uncoded & errors

---

Variable 21	RELATION TO ROADWAY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

TCRS Variable - rd\_rltn\_cd

LOCATION OF FIRST IMPACT

2008 Prcnt	Code	Value and Description
254622	1	On the road
3217	2	In the median
15930	3	On the shoulder
30316	4	Outside of the shoulder/curb-line
862	5	In the gore (area between ramp and freeway convergence)
3488	6	Other/unknown relationship
7622	9	Uncoded & errors

---

Variable 22	AREA OF ROAD AT CRASH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

TCRS Variable - rdwy\_area\_cd

2008 Prcnt Code Value and Description

2008 Prcnt	Code	Value and Description
Freeway Crash		
9748	1	Entrance/exit ramp related
627	2	Median crossing related
2757	3	Transition area (increase or decrease in travel lanes)
200	4	Rest area related
67	5	Scale/weigh station related
30947	6	All other freeway areas

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Variable 22: AREA OF ROAD AT CRASH (Continued)

2008 Prcnt	Code	Value and Description
Non-Freeway Intersection Crash (Related to or within 150' of a		
41240	13.0	7 Within intersection
15446	4.9	8 Driveway related (within 150 feet of nearest edge of intersection)
32123	10.2	9 Intersection related other
Other Non-Freeway Areas		
146231	46.3	10 Straight roadway not related to other selections
11840	3.7	11 Curved roadway not related to other selections
10580	3.3	12 Driveway related (not within 150 feet of intersection)
5922	1.9	13 Parking related (legal roadside)
1154	0.4	14 Transition area (increase or decrease in travel lanes)
1282	0.4	15 Median crossing related
426	0.1	16 Railroad grade crossing related
44	0.0	17 Rest area related
38	0.0	18 Scale/weigh station related
0	0.0	19 Nontraffic area
1341	0.4	20 Other
76	0.0	21 Unknown
3968	1.3	99 Uncoded & errors

---

Variable 23	<u>ROAD CONDITIONS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - rd\_cond\_cd

2008 Prcnt	Code	Value and Description
182832	57.8	1 Dry
50185	15.9	2 Wet
33062	10.5	3 Icy
34446	10.9	4 Snowy
412	0.1	5 Muddy
8213	2.6	6 Slushy
204	0.1	7 Debris
3060	1.0	8 Other/unknown
3643	1.2	9 Uncoded & errors

---

Variable 24	<u>SPEED LIMIT AT CRASHSITE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

TCRS Variable - spd\_limt Values not shown recoded to missing data

2008 Prcnt	Code	Value and Description
138	0.0	5 5 miles per hour
181	0.1	10 10 miles per hour
796	0.3	15 15 miles per hour

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## Variable 24: SPEED LIMIT AT CRASHSITE (Continued)

2008	Prcnt	Code	Value and Description
270	0.1	20	20 miles per hour
49033	15.5	25	25 miles per hour
14090	4.5	30	30 miles per hour
35848	11.3	35	35 miles per hour
21755	6.9	40	40 miles per hour
44648	14.1	45	45 miles per hour
11807	3.7	50	50 miles per hour
96411	30.5	55	55 miles per hour
1088	0.3	60	60 miles per hour
514	0.2	65	65 miles per hour
33335	10.5	70	70 miles per hour
101	0.0	75	75 miles per hour
6042	1.9	99	Uncoded & errors

---

Variable 25	POSTED SPEED LIMIT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## TCRS Variable - post\_spd\_ind

2008	Prcnt	Code	Value and Description
60871	19.3	0	Not posted
247734	78.4	1	Posted speed limit
7452	2.4	9	Uncoded & errors

---

Variable 26	TRAFFIC CONTROL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## TCRS Variable - trfc\_ctrl\_cd

2008	Prcnt	Code	Value and Description
57606	18.2	1	Signal
28088	8.9	2	Stop sign
2462	0.8	3	Yield sign
221340	70.0	4	None
6561	2.1	9	Uncoded & errors

---

Variable 27	TRAFFICWAY	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## TCRS Variable - trwy\_cd

2008	Prcnt	Code	Value and Description
20101	6.4	0	Uncoded & errors

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Variable 27: TRAFFICWAY (Continued)

2008 Prcnt	Code	Value and Description
232566	73.6	1 Not physically divided (two-way trafficway)
31341	9.9	2 Divided highway/ median strip/ without traffic barrier
23121	7.3	3 Divided highway/ median strip/ with traffic barrier
8924	2.8	4 One-way trafficway
4	0.0	5 Nontraffic

---

Variable 28	<u>ACCESS CONTROL</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - acs\_ctrl\_cd

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

2008 Prcnt	Code	Value and Description
26061	8.2	0 Uncoded & errors
243920	77.2	1 No access control (unlimited access)
40428	12.8	2 Full access control (ramp entry and exit only)
5645	1.8	3 Other (partial access control)
3	0.0	4 Nontraffic

---

Variable 29	<u>CONSTRUCTION TYPE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

TCRS Variable - cnst\_type\_cd

2008 Prcnt	Code	Value and Description
4472	1.4	1 Construction/maintenance
518	0.2	2 Utility
311067	98.4	9 Uncoded & errors

---

Variable 30	<u>CONSTRUCTION LANE CLOSED</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

TCRS Variable - cnst\_lane\_clsd\_ind

2008 Prcnt	Code	Value and Description
6356	2.0	0 Lanes open
3140	1.0	1 Lane closed
306561	97.0	9 Uncoded & errors

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---

<u>Variable 31</u>	<u>CONSTRUCTION ACTIVITY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - cnst\_act\_cd

2008	Prcnt	Code	Value and Description
4510	1.4	1	On road
658	0.2	2	Off road
26666	8.4	3	No activity
284223	89.9	9	Uncoded & errors

---

<u>Variable 32</u>	<u>WEATHER</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - wthr\_cd

2008	Prcnt	Code	Value and Description
149429	47.3	1	Clear
88253	27.9	2	Cloudy
1832	0.6	3	Fog/smoke
24724	7.8	4	Rain
44516	14.1	5	Snow/blowing snow
883	0.3	6	Severe wind
1993	0.6	7	Sleet/hail
3433	1.1	8	Other/unknown
994	0.3	9	Uncoded & errors

---

<u>Variable 33</u>	<u>LIGHT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - lit\_cd

2008	Prcnt	Code	Value and Description
185512	58.7	1	Daylight
11541	3.7	2	Dawn
9246	2.9	3	Dusk
37508	11.9	4	Dark lighted
68573	21.7	5	Dark unlighted
2168	0.7	6	Other/unknown
1509	0.5	9	Uncoded & errors

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---

Variable 34	<u>CRASH TYPE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

TCRS Variable - crsh\_type\_cd

2008	Prcnt	Code	Value and Description
127449	40.3	1	Single motor vehicle
4846	1.5	2	Head-on
6772	2.1	3	Head-on / left turn
51735	16.4	4	Angle
69860	22.1	5	Rear-end
2971	0.9	6	Rear-end left turn
2914	0.9	7	Rear-end right turn
27670	8.8	8	Sideswipe same direction
7381	2.3	9	Sideswipe opposite direction
13935	4.4	10	Other/unknown
524	0.2	99	Uncoded & errors

---

Variable 35	<u>CRASH INVESTGTD AT SCENE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - scne\_invg\_ind

CRASH WAS INVESTIGATED AT THE SCENE

2008	Prcnt	Code	Value and Description
64302	20.3	0	Not investigated at scene
244378	77.3	1	Investigated at scene
7377	2.3	9	Uncoded & errors

---

Variable 36	<u>COMPLAINT STATUS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - cplt\_dspn

2008	Prcnt	Code	Value and Description
6609	2.1	1	Open
279404	88.4	2	Closed
30044	9.5	9	Uncoded & errors

---

Variable 38	<u>TOTAL UNITS REPORTED</u>	Width: 3	Type: Numeric
		Dec: None	Miss: None

---

TCRS Variable - num\_unit

If a crash involves more than nine units, the first nine units are reported together as one crash. Any additional units are

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recorded as a second crash with the same DATE, TIME, and LOCATION.  
The first UD-10 form of the second crash is completed in its  
entirety since it is a "new" crash.

2008	Prcnt	Code	Value and Description
0	0.0	0	No units
126009	39.9	1	1 unit
176052	55.7	2	2 units
11956	3.8	3	3 units
1705	0.5	4	4 units
247	0.1	5	5 units
54	0.0	6	6 units
17	0.0	7	7 units
8	0.0	8	8 units
7	0.0	9	9 units
0	0.0	10	10 units
1	0.0	11	11 units
1	0.0	56	56 units

---

Variable 39	TOTAL MOTOR VEHICLES	Width: 3	Type: Numeric
		Dec: None	Miss: None

TCRS Variable - motr\_vhcs\_invl

2008	Prcnt	Code	Value and Description
130110	41.2	1	1 unit
172200	54.5	2	2 units
11772	3.7	3	3 units
1657	0.5	4	4 units
232	0.1	5	5 units
53	0.0	6	6 units
17	0.0	7	7 units
8	0.0	8	8 units
6	0.0	9	9 units
1	0.0	11	11 units
1	0.0	56	56 units

---

Variable 40	NUMBER TRUCK SUPPL FORMS	Width: 2	Type: Numeric
		Dec: None	Miss: None

TDC Variable - ntruck

# OF TRUCK SUPPLEMENT FORMS FOUND FOR CRASH

2008	Prcnt	Code	Value and Description
302274	95.6	0	None
13248	4.2	1	1 form
516	0.2	2	2 forms
17	0.0	3	3 forms

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Variable 40:NUMBER TRUCK SUPPL FORMS (Continued)

2008	Prcnt	Code	Value and Description
1	0.0	4	4 forms
1	0.0	6	6 forms

---

Variable 44	<u>CRASH: HIT-AND-RUN</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - spcl\_crcm\_htrn

FLAG: HIT-AND-RUN IN CRASH

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

2008	Prcnt	Code	Value and Description
285698	90.4	0	Not hit-and-run
30359	9.6	1	Hit-and-run

---

Variable 45	<u>CRASH: FLEEING/PURSUING</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - spcl\_crcm\_flee

FLAG: VEHICLE FLEEING PURSUIT OR IN PURSUIT

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

2008	Prcnt	Code	Value and Description
315340	99.8	0	No pursuit
717	0.2	1	Pursuit involved

---

Variable 46	<u>CRASH: DEER INVOLV/ASSOC</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - spcl\_crcm\_deer

FLAG: DEER WAS INVOLVED/ASSOCIATED WITH CRASH

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

2008	Prcnt	Code	Value and Description
255047	80.7	0	No deer
61010	19.3	1	Deer involved

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---

Variable 47	CRASH: SCHOOL BUS	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - spcl\_crcm\_schl

FLAG: SCHOOL BUS WAS INVOLV/ASSOC WITH CRASH

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

2008	Prcnt	Code	Value and Description
315075	99.7	0	No school bus
982	0.3	1	School bus involved

---

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

---

TCRS Variable - alch\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2008	Prcnt	Code	Value and Description
304989	96.5	0	No drinking involved
11068	3.5	1	Drinking involved

---

Variable 50	CRASH: DRUG USE	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - drug\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2008	Prcnt	Code	Value and Description
314600	99.5	0	No drugs involved
1457	0.5	1	Drugs involved

---

Variable 51	CRASH: PEDESTRIAN	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - ped\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2008	Prcnt	Code	Value and Description
313887	99.3	0	No pedestrian involved
2170	0.7	1	Pedestrian involved

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---

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

TCRS Variable - bcyl\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

	2008 Prcnt		Code Value	and Description
	99.4	0	No bicyclist	
314012	0.6	1	Bicyclist involved	
2045				

---

Variable 54	CRASH: SNOWMOBILE	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - snwm\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

	2008 Prcnt		Code Value	and Description
	99.9	0	No snowmobile	
315845	0.1	1	Snowmobile involved	
212				

---

Variable 55	CRASH: MOTORCYCLE	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - mycy\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

	2008 Prcnt		Code Value	and Description
	98.7	0	No motorcycle	
312088	1.3	1	Motorcycle involved	
3969				

---

Variable 56	CRASH: ORV	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - orv\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

	2008 Prcnt		Code Value	and Description
	99.9	0	No ORV	
315818	0.1	1	Off-Road Vehicle involved	
239				

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Variable 57	<u>CRASH: FARM EQUIPMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - fmeq\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2008	Prcnt	Code	Value and Description
315866	99.9	0	No farm equipment
191	0.1	1	Farm equipment involved

---

Variable 58	<u>CRASH: TRAIN</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - trn\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2008	Prcnt	Code	Value and Description
316003	100.0	0	No train
54	0.0	1	Train involved

---

Variable 59	<u>CRASH: TRUCK OR BUS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - trk\_bus\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2008	Prcnt	Code	Value and Description
302635	95.8	0	No truck or bus
13422	4.2	1	Truck or bus involved

---

Variable 60	<u>CRASH: EMERGENCY VEHICLE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - emg\_vehc\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2008	Prcnt	Code	Value and Description
313664	99.2	0	No emergency vehicle
2393	0.8	1	Police/fire/ambulance involved

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---

Variable 62	CRASH: PROPERTY DAMAGE	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - prop\_damg\_crsh\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2008	Prcnt	Code	Value and Description
56483	17.9	0	No property damage
259574	82.1	1	Property damage involved

---

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

TCRS Variable - injy\_crsh\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2008	Prcnt	Code	Value and Description
260489	82.4	0	No injuries (may be fatality)
55568	17.6	1	Injury crash (no fatalities)

---

Variable 64	CRASH: FATAL CRASH	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - fatl\_crsh\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2008	Prcnt	Code	Value and Description
315142	99.7	0	No fatality (may be injuries)
915	0.3	1	Fatal crash (may also be injuries)

---

Variable 67	WORST INJURY IN ACCIDENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

TCRS Variable - grts\_svty\_cd

2008	Prcnt	Code	Value and Description
915	0.3	1	Fatal
5411	1.7	2	A - incapacitating injury
13473	4.3	3	B - nonincapacitating injury
36684	11.6	4	C - possible injury
259574	82.1	5	No injury

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Variable 75	GPS X COORDINATE	Width: 17	Type: Alphabetic
		Dec: None	Miss: None

---



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Variable 76	GPS Y COORDINATE	Width: 17	Type: Alphabetic
		Dec: None	Miss: None

---



---

Variable 84	CRASH: LANE DEPARTURE	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

	2008 Prcnt		Code Value and Description
251344	79.5	0	No lane departure
55391	17.5	1	Single vehicle
6513	2.1	2	Multiple vehicle
2809	0.9	3	Parked vehicle

---



---

Variable 85	CRASH: INTERSECTION	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

	2008 Prcnt		Code Value and Description
227248	71.9	0	Not intersection crash
88809	28.1	1	Intersection crash

---



---

Variable 86	CRASH: YOUNG DRIVER	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

Youngest driver code takes priority

	2008 Prcnt		Code Value and Description
212828	67.3	0	No driver < 25 yrs old
674	0.2	15	Driver age 15 or younger
9302	2.9	16	Driver age 16
12732	4.0	17	Driver age 17
40881	12.9	20	Driver age 18-20
39640	12.5	24	Driver age 21-24

---



---

Variable 87	CRASH: ELDERLY DRIVER	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

Older driver code takes priority

	2008 Prcnt		Code Value and Description
258262	81.7	0	No driver > 59 yrs old

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Variable 87:CRASH: ELDERLY DRIVER (Continued)

	2008 Prcnt	Code	Value and Description
20144	6.4	64	Driver age 60-64
22414	7.1	74	Driver age 65-74
12162	3.8	84	Driver age 75-84
3075	1.0	85	Driver age 85 or older

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**The VEHICLE Variables**

These variables describe the traffic units (motor vehicles, pedestrians, pedalcyclists, parked cars, etc.) involved in the accident. They are included in all Vehicle and Person data sets.

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

TCRS Variable - unit\_num

2008	Prct	Code	Value and Description
316060	60.5	1	Unit 1
190049	36.4	2	Unit 2
13996	2.7	3	Unit 3
2040	0.4	4	Unit 4
335	0.1	5	Unit 5
88	0.0	6	Unit 6
34	0.0	7	Unit 7
17	0.0	8	Unit 8
9	0.0	9	Unit 9
2	0.0	10	Unit 10
2	0.0	11	Unit 11
1	0.0	12	Unit 12
1	0.0	13	Unit 13
1	0.0	14	Unit 14
1	0.0	15	Unit 15
1	0.0	16	Unit 16
1	0.0	17	Unit 17
1	0.0	18	Unit 18
1	0.0	19	Unit 19
1	0.0	20	Unit 20
1	0.0	21	Unit 21
1	0.0	22	Unit 22
1	0.0	23	Unit 23
1	0.0	24	Unit 24
1	0.0	25	Unit 25
1	0.0	26	Unit 26
1	0.0	27	Unit 27
1	0.0	28	Unit 28
1	0.0	29	Unit 29
1	0.0	30	Unit 30
1	0.0	31	Unit 31
1	0.0	32	Unit 32
1	0.0	33	Unit 33
1	0.0	34	Unit 34
1	0.0	35	Unit 35
1	0.0	36	Unit 36
1	0.0	37	Unit 37
1	0.0	38	Unit 38
1	0.0	39	Unit 39

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## Variable 100:UNIT NUMBER (Continued)

2008 Prcnt	Code	Value and Description
1	0.0	40 Unit 40
1	0.0	41 Unit 41
1	0.0	42 Unit 42
1	0.0	43 Unit 43
1	0.0	44 Unit 44
1	0.0	45 Unit 45
1	0.0	46 Unit 46
1	0.0	47 Unit 47
1	0.0	48 Unit 48
1	0.0	49 Unit 49
1	0.0	50 Unit 50
1	0.0	51 Unit 51
1	0.0	52 Unit 52
1	0.0	53 Unit 53
1	0.0	54 Unit 54
1	0.0	55 Unit 55
1	0.0	56 Unit 56

Variable 101	VEHICLE TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## TCRS Variable - vehc\_type\_cd

2008 Prcnt	Code	Value and Description
368599	70.5	1 Passenger car & station wagon (PA)
31732	6.1	2 Van/ motorhome (VA)
69034	13.2	3 Pickup truck (PU)
16809	3.2	4 Small truck under 10000 lbs. GVWR (ST)
4082	0.8	5 Cycle (CY)
396	0.1	6 Moped (MO)
9	0.0	7 Go Cart (GC)
240	0.0	8 Snowmobile (SM)
249	0.0	9 Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV (OR)
1506	0.3	10 Other (non-registered farm equipment/ combine/ front-end loader/ snow plow/ farm tractor/ or road grader)
13962	2.7	11 Truck/bus over 10000 lbs.
16059	3.1	99 Uncoded & errors

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Variable 102	TRAFFIC UNIT TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: None

TCRS Variable - type

2008 Prcnt	Code	Value and Description
518240	99.2	1 Motor vehicle (M) (any motorized vehicle designed to be operated on land)
2312	0.4	2 Pedestrian (P)
2071	0.4	3 Bicycle (B)
54	0.0	4 Train engineer (E)

Variable 103	CDL TRUCK TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

TCRS Variable - trk\_type\_cd

CDL TRUCK TYPE FROM TRUCK SUPPLEMENT DATA

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

2008 Prcnt	Code	Value and Description
6151	1.2	1 Commercial truck AA (Group A vehicle)
93	0.0	2 Commercial truck AH (Group A vehicle- hazardous)
180	0.0	3 Commercial truck AN (Group A vehicle- tank)
47	0.0	4 Commercial truck AP (Group A vehicle- passenger)
413	0.1	5 Commercial truck AT (Group A vehicle- double/triple)
144	0.0	6 Commercial truck AX (Group A vehicle- tank & hazardous)
34	0.0	7 Commercial truck AY (Group A vehicle- tank & double/triple)
14	0.0	8 Commercial truck AZ (Group A vehicle- hazardous- double/triple)
15	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.

2016	0.4	10 Commercial truck BB (Group B)
32	0.0	11 Commercial truck BH (Group B- hazardous)
90	0.0	12 Commercial truck BN (Group B- tank)
500	0.1	13 Commercial truck BP (Group B- passenger)
34	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

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(including driver) transporting children to or from school and home on a regular basis for compensation.

77	0.0	15	Commercial truck CH (Group C- hazardous)
290	0.1	16	Commercial truck CP (Group C- passenger)
34	0.0	17	Commercial truck CX (Group C- tank & hazardous)
779	0.1	18	Other
82	0.0	19	Commercial vehicle AS (Group A vehicle- school bus)
553	0.1	20	Commercial vehicle BS (Group B vehicle- school bus)
117	0.0	21	Commercial vehicle CS (Group C vehicle- school bus)
508336	97.3	98	Non-CDL vehicle/ no truck supplement data
2646	0.5	99	Non-numeric data

---

Variable 104	CDL CARGO BODY TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - crgo\_body\_type\_cd

CDL CARGO BODY TYPE FROM TRUCK SUPPLEMENT DATA

2008	Prcnt	Code	Value and Description
508336	97.3	0	Non-CDL vehicle/ no truck supplement data
5692	1.1	1	Van (enclosed box)
576	0.1	2	Cargo tank
1157	0.2	3	Flatbed/platform
1308	0.3	4	Dump
78	0.0	5	Concrete mixer
188	0.0	6	Auto transporter
334	0.1	7	Garbage / refuse
2103	0.4	8	Other/unknown
2905	0.6	9	Uncoded & errors

---

Variable 105	SPECIAL VEHICLE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - spcl\_vehc\_cd

2008	Prcnt	Code	Value and Description
517692	99.0	0	Not special vehicle
1897	0.4	1	Police vehicle
245	0.0	2	Fire vehicle
1219	0.2	3	Bus (commercial/ private/ school)
335	0.1	4	Ambulance
191	0.0	5	Farm equipment (non-registered)
995	0.2	6	Construction / maintenance equipment
103	0.0	9	Uncoded & errors

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<u>Variable 106</u>	<u>VEHICLE USE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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TCRS Variable - prmy\_vehc\_use\_cd

2008	Prcent	Code	Value and Description
459848	88.0	1	Private
23356	4.5	2	Commercial (business)
699	0.1	3	In pursuit / on emergency
462	0.1	4	Farm use
1283	0.2	5	School / education
287	0.1	6	Club / church ("Y" tag)
95	0.0	7	Military vehicle
3383	0.6	8	Other government nonemergency vehicle use
519	0.1	9	Utility (gas/ cable/ etc.)
932	0.2	10	Road construction / maintenance
1466	0.3	11	Other
30347	5.8	99	Uncoded & errors

---

<u>Variable 107</u>	<u>VEHICLE DEFECT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - vehc\_dfct\_cd

2008	Prcent	Code	Value and Description
1146	0.2	1	Brakes
181	0.0	2	Lights / reflectors
162	0.0	3	Steering
473	0.1	4	Tires / wheels
26	0.0	5	Windows
560	0.1	6	Other
520129	99.5	9	Uncoded & errors

---

<u>Variable 108</u>	<u>NONCOMM TRAILER CONFIG</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - priv\_trlr\_type\_cd

2008	Prcent	Code	Value and Description
Noncommercial Trailer Configuration			
1640	0.3	1	Utility
282	0.1	2	Travel trailer
231	0.0	3	Boat trailer
204	0.0	4	Farm equipment
127	0.0	5	Towed auto
63	0.0	6	Recreational double
689	0.1	7	Other
519441	99.4	9	Uncoded & errors

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Variable 109	REGISTRATION STATE	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

TCRS Variable - vehc\_st\_num Recoded from original text value  
shown in parentheses

2008	Prcnt	Code	Value and Description
UNITED STATES			
131	0.0	1	(AL) Alabama
36	0.0	2	(AK) Alaska
274	0.1	4	(AZ) Arizona
66	0.0	5	(AR) Arkansas
251	0.0	6	(CA) California
121	0.0	8	(CO) Colorado
35	0.0	9	(CT) Connecticut
20	0.0	10	(DE) Delaware
11	0.0	11	(DC) District of Columbia
992	0.2	12	(FL) Florida
304	0.1	13	(GA) Georgia
58	0.0	15	(HI) Hawaii
65	0.0	16	(ID) Idaho
2655	0.5	17	(IL) Illinois
3025	0.6	18	(IN) Indiana
207	0.0	19	(IA) Iowa
67	0.0	20	(KS) Kansas
226	0.0	21	(KY) Kentucky
80	0.0	22	(LA) Louisiana
40	0.0	23	(ME) Maine
134	0.0	24	(MD) Maryland
114	0.0	25	(MA) Massachusetts
455413	87.1	26	(MI) Michigan
318	0.1	27	(MN) Minnesota
88	0.0	28	(MS) Mississippi
256	0.0	29	(MO) Missouri
185	0.0	30	(MT) Montana
126	0.0	31	(NE) Nebraska
49	0.0	32	(NV) Nevada
33	0.0	33	(NH) New Hampshire
144	0.0	34	(NJ) New Jersey
29	0.0	35	(NM) New Mexico
284	0.1	36	(NY) New York
284	0.1	37	(NC) North Carolina
26	0.0	38	(ND) North Dakota
3211	0.6	39	(OH) Ohio
322	0.1	40	(OK) Oklahoma
47	0.0	41	(OR) Oregon
350	0.1	42	(PA) Pennsylvania
64	0.0	44	(RI) Rhode Island
111	0.0	45	(SC) South Carolina
40	0.0	46	(SD) South Dakota
458	0.1	47	(TN) Tennessee
427	0.1	48	(TX) Texas
30	0.0	49	(UT) Utah
15	0.0	50	(VT) Vermont
230	0.0	51	(VA) Virginia

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Variable 109:REGISTRATION STATE (Continued)

2008	Prcnt	Code	Value and Description
82	0.0	53	(WA) Washington
52	0.0	54	(WV) West Virginia
1328	0.3	55	(WI) Wisconsin
23	0.0	56	(WY) Wyoming
US TERRITORY			
0	0.0	60	(AS) American Samoa
0	0.0	61	(PZ) Panama Canal Zone
0	0.0	64	(FM) Federated States of Micronesia
0	0.0	66	(GU) Guam
2	0.0	69	(MP) Northern Mariana Islands
0	0.0	70	(PW) Palau
0	0.0	72	(PR) Puerto Rico
0	0.0	74	(UM) US Minor Outlying Islands
5	0.0	75	(MH) Marshall Islands
6	0.0	78	(VI) Virgin Islands
0	0.0	79	(WK) Wake Island
CANADA			
16	0.0	101	(AB) Alberta
8	0.0	102	(BC) British Columbia
25	0.0	103	(MB) Manitoba
26	0.0	104	(NB) New Brunswick
1	0.0	105	(NF) Newfoundland and Labrador
8	0.0	106	(NT) Northwest Territories
4	0.0	107	(NS) Nova Scotia
1626	0.3	108	(ON) Ontario
0	0.0	109	(PE) Prince Edward Island
74	0.0	110	(PQ/QC) Quebec
1	0.0	111	(SK) Saskatchewan
0	0.0	112	(YT) Yukon Territory
0	0.0	113	(NU) Nunavut
MEXICO			
0	0.0	201	(AG) Aguascalientes
0	0.0	202	(BN) Baja Calif (Territory North)
0	0.0	203	(BS) Baja Calif (Territory South)
0	0.0	204	(CP) Campeche
0	0.0	205	(CS) Chiapas
0	0.0	206	(CI) Chihuahua
2	0.0	207	(CH) Coahuila de Zaragoza
0	0.0	208	(CL) Colima
0	0.0	209	(DF) Distrito Federal
0	0.0	210	(DG) Durango
0	0.0	211	(GJ) Guanajuato
2	0.0	212	(GE) Guerrero
0	0.0	213	(HD) Hidalgo
1	0.0	214	(JA) Jalisco
5	0.0	215	(MX) Mexico (State)
7	0.0	216	(MC) Michoacan de Ocampo
22	0.0	217	(MR) Morelos
2	0.0	218	(NA) Nayarit

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## Variable 109:REGISTRATION STATE (Continued)

2008	Prcnt	Code	Value and Description
7	0.0	219	(NL) Nuevo Leon
2	0.0	220	(OA) Oaxace
0	0.0	221	(PU) Puebla
0	0.0	222	(QE) Queretaro de Arteaga
1	0.0	223	(QI) Quintana Roo
0	0.0	224	(SL) San Luis Potosi
1	0.0	225	(SI) Sinaloa
0	0.0	226	(SO) Sonora
0	0.0	227	(TB) Tabasco
0	0.0	228	(TA) Tamaulipas
2	0.0	229	(TL) Tlaxcala
0	0.0	230	(VC) Veracruz-Llave
1	0.0	231	(YU) Yucatan
1	0.0	232	(ZA) Zacatecas
INTERNATIONAL			
0	0.0	301	(BZ) Belize
0	0.0	302	(CZ) Canal Zone
0	0.0	303	(CR) Costa Rica
0	0.0	304	(ES) El Salvador
0	0.0	305	(GT) Guatemala
0	0.0	306	(HO) Honduras
76	0.0	307	(XX) International
0	0.0	308	(NI) Nicaragua
8	0.0	309	(PN) Panama
UNKNOWN			
47798	9.1	9999	(UK) Unknown

---

Variable 110	FIRST IMPACT POINT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

TCRS Variable - frst\_imp\_loc\_cd

## LOCATION OF FIRST DAMAGE

2008	Prcnt	Code	Value and Description
4342	0.8	0	Rollover
147942	28.3	1	Front- center
68102	13.0	2	Front- right
33429	6.4	3	Side- right
23885	4.6	4	Rear- right
73833	14.1	5	Rear- center
25353	4.9	6	Rear- left
39770	7.6	7	Side- left
71242	13.6	8	Front- left
2858	0.5	9	Undercarriage
1604	0.3	10	Multiple areas
4937	0.9	11	Other/unknown

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Variable 110: FIRST IMPACT POINT (Continued)

2008	Prcnt	Code	Value and Description
3120	0.6	12	None
22260	4.3	99	Uncoded & errors

---

Variable 111      WORST IMPACT POINT      Width: 2      Type: Numeric  
Dec:    None      Miss: 99

TCRS Variable - grts\_damg\_loc\_cd

LOCATION OF GREATEST DAMAGE

2008	Prcnt	Code	Value and Description
10303	2.0	0	Rollover
141722	27.1	1	Front- center
63037	12.1	2	Front- right
32909	6.3	3	Side- right
21703	4.2	4	Rear- right
67393	12.9	5	Rear- center
24119	4.6	6	Rear- left
39939	7.6	7	Side- left
65153	12.5	8	Front- left
3407	0.7	9	Undercarriage
13548	2.6	10	Multiple areas
4804	0.9	11	Other/unknown
9256	1.8	12	None
25384	4.9	99	Uncoded & errors

---

Variable 112      EXTENT OF DAMAGE      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

TCRS Variable - damg\_exnt

2008	Prcnt	Code	Value and Description
17085	3.3	0	No damage
159057	30.4	1	Slight damage
136423	26.1	2	Slight damage
84580	16.2	3	Moderate damage
48181	9.2	4	Moderate damage
22672	4.3	5	Moderate damage
13706	2.6	6	Heavy damage
8639	1.7	7	Heavy damage/ not repairable
32334	6.2	9	Uncoded & errors

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Variable 113	DRIVEABLE AFTER CRASH	Width: 1	Type: Numeric
		Dec: None	Miss: 9

TCRS Variable - vehc\_drvb\_ind

2008	Prcnt	Code	Value and Description
135710	26.0	0	Not driveable after crash
370309	70.8	1	Driveable after crash
16658	3.2	9	Uncoded & errors

Variable 114	ACTION PRIOR TO CRASH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

TCRS Variable - prr\_actn\_cd

2008	Prcnt	Code	Value and Description
Driver/cyclist action			
278982	53.4	1	Going straight ahead
31984	6.1	2	Turning left
14045	2.7	3	Turning right
51275	9.8	4	Stopped on roadway
817	0.2	5	Involved in prior crash at same location
11915	2.3	6	Changing lanes
12407	2.4	7	Backing
48313	9.2	8	Slowing/stopping on roadway
840	0.2	9	Slowing/stopping on other area
9871	1.9	10	Starting up on roadway
311	0.1	11	Starting up on other area
552	0.1	12	Entering parking
1457	0.3	13	Leaving parking
7336	1.4	14	Entering roadway
854	0.2	15	Leaving roadway
1035	0.2	16	Making U-turn
4115	0.8	17	Overtaking or passing
866	0.2	18	Avoiding object
133	0.0	19	Avoiding pedestrian
4862	0.9	20	Avoiding vehicle (front/back)
2150	0.4	21	Avoiding vehicle (angle)
250	0.0	22	Driverless moving
19461	3.7	23	Parked
Pedestrian action			
1078	0.2	24	Crossing at intersection
730	0.1	25	Crossing not at intersection
44	0.0	26	Getting on / off vehicle
290	0.1	27	In roadway with traffic
113	0.0	28	In roadway against traffic
120	0.0	29	Standing / laying in roadway
59	0.0	30	Pushing / working on vehicle
96	0.0	31	Other work in roadway
45	0.0	32	Playing in roadway
155	0.0	33	In roadway other reason

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Variable 114: ACTION PRIOR TO CRASH (Continued)

2008	Prcnt	Code	Value and Description
193	0.0	34	Not in roadway
281	0.1	35	Other
3366	0.6	36	Unknown
Driver/cyclist action (continued)			
1446	0.3	37	Avoiding animal
10830	2.1	99	Uncoded & errors

---

Variable 115	DIRECTION OF TRAVEL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

TCRS Variable - drtn\_cd Recoded from original alpha value

2008	Prcnt	Code	Value and Description
123962	23.7	1	East
127526	24.4	2	North
1932	0.4	3	Northeast
2112	0.4	4	Northwest
126284	24.2	5	South
2151	0.4	6	Southeast
1793	0.3	7	Southwest
120154	23.0	8	West
16763	3.2	9	Uncoded & errors

---

Variable 116	SEQUENCE OF EVENTS #1	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - harm\_evnt\_cd

FIRST SEQUENCE OF EVENTS IN THE CRASH

2008	Prcnt	Code	Value and Description
11135	2.1	0	Uncoded & errors
Noncollision Event			
56609	10.8	1	Loss of control
4602	0.9	2	Cross centerline / median
4305	0.8	3	Ran off roadway left
9277	1.8	4	Ran off roadway right
241	0.0	5	Re-enter roadway
875	0.2	6	Overturn
664	0.1	7	Separation of units
1673	0.3	8	Fire / explosion
91	0.0	9	Immersion

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## Variable 116:SEQUENCE OF EVENTS #1 (Continued)

2008	Prcnt	Code	Value and Description
500	0.1	10	Jackknife
268	0.1	11	Downhill runaway
754	0.1	12	Cargo loss / shift
216	0.0	13	Individual fell from vehicle
3224	0.6	14	Other noncollision
Collision With Nonfixed Objects			
1986	0.4	15	Pedestrian
1891	0.4	16	Bicyclist (pedalcycle)
337041	64.5	17	Motor vehicle in transport (a motor vehicle in motion/ or on a roadway illegally parked)
13096	2.5	18	Parked motor vehicle (legally)
256	0.0	19	Railroad train / engineer
61518	11.8	20	Animal
4296	0.8	21	Other nonfixed object
Collision With Fixed Object			
161	0.0	22	Bridge / pier / abutment
266	0.1	23	Bridge parapet end
119	0.0	24	Bridge rail
415	0.1	25	Guardrail face
124	0.0	26	Guardrail end
491	0.1	27	Median barrier
451	0.1	28	Highway traffic sign post
50	0.0	29	Highway signal post
143	0.0	30	Luminaire / light support
644	0.1	31	Utility pole
224	0.0	32	Other pole
39	0.0	33	Culvert
1134	0.2	34	Curb
451	0.1	35	Ditch
160	0.0	36	Embankment
501	0.1	37	Fence
340	0.1	38	Mailbox
1016	0.2	39	Tree
60	0.0	40	Railroad crossing signal
130	0.0	41	Building
39	0.0	42	Traffic island
107	0.0	43	Fire hydrant
17	0.0	44	Impact attenuator (crash cushion)
1077	0.2	45	Other fixed object

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Variable 117	SEQUENCE OF EVENTS #2	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - harm\_evnt\_cd

SECOND SEQUENCE OF EVENTS IN THE CRASH

2008	Prcnt	Code	Value and Description
423454	81.0	0	Uncoded & errors
Noncollision Event			
4167	0.8	1	Loss of control
4548	0.9	2	Cross centerline / median
11298	2.2	3	Ran off roadway left
16345	3.1	4	Ran off roadway right
512	0.1	5	Re-enter roadway
2089	0.4	6	Overturn
1089	0.2	7	Separation of units
136	0.0	8	Fire / explosion
21	0.0	9	Immersion
207	0.0	10	Jackknife
52	0.0	11	Downhill runaway
67	0.0	12	Cargo loss / shift
362	0.1	13	Individual fell from vehicle
336	0.1	14	Other noncollision
Collision With Nonfixed Objects			
220	0.0	15	Pedestrian
85	0.0	16	Bicyclist (pedalcycle)
27250	5.2	17	Motor vehicle in transport (a motor vehicle in motion/ or on a roadway illegally parked)
2302	0.4	18	Parked motor vehicle (legally)
38	0.0	19	Railroad train / engineer
301	0.1	20	Animal
776	0.1	21	Other nonfixed object
Collision With Fixed Object			
307	0.1	22	Bridge / pier / abutment
60	0.0	23	Bridge parapet end
426	0.1	24	Bridge rail
2711	0.5	25	Guardrail face
321	0.1	26	Guardrail end
3478	0.7	27	Median barrier
1662	0.3	28	Highway traffic sign post
183	0.0	29	Highway signal post
332	0.1	30	Luminaire / light support
1647	0.3	31	Utility pole
550	0.1	32	Other pole
257	0.0	33	Culvert
2567	0.5	34	Curb
3912	0.7	35	Ditch
935	0.2	36	Embankment
639	0.1	37	Fence
1590	0.3	38	Mailbox
3216	0.6	39	Tree

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## Variable 117:SEQUENCE OF EVENTS #2 (Continued)

2008	Prcnt	Code	Value and Description
19	0.0	40	Railroad crossing signal
327	0.1	41	Building
51	0.0	42	Traffic island
296	0.1	43	Fire hydrant
31	0.0	44	Impact attenuator (crash cushion)
1505	0.3	45	Other fixed object

---

Variable 118	SEQUENCE OF EVENTS #3	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - harm\_evnt\_cd

## THIRD SEQUENCE OF EVENTS IN THE CRASH

2008	Prcnt	Code	Value and Description
476475	91.2	0	Uncoded & errors
Noncollision Event			
381	0.1	1	Loss of control
281	0.1	2	Cross centerline / median
2705	0.5	3	Ran off roadway left
1650	0.3	4	Ran off roadway right
513	0.1	5	Re-enter roadway
5569	1.1	6	Overturn
196	0.0	7	Separation of units
42	0.0	8	Fire / explosion
31	0.0	9	Immersion
101	0.0	10	Jackknife
20	0.0	11	Downhill runaway
32	0.0	12	Cargo loss / shift
187	0.0	13	Individual fell from vehicle
93	0.0	14	Other noncollision
Collision With Nonfixed Objects			
82	0.0	15	Pedestrian
8	0.0	16	Bicyclist (pedalcycle)
5342	1.0	17	Motor vehicle in transport (a motor vehicle in motion or on a roadway illegally parked)
648	0.1	18	Parked motor vehicle (legally)
7	0.0	19	Railroad train / engineer
37	0.0	20	Animal
427	0.1	21	Other nonfixed object
Collision With Fixed Object			
224	0.0	22	Bridge / pier / abutment
24	0.0	23	Bridge parapet end
224	0.0	24	Bridge rail
2121	0.4	25	Guardrail face
333	0.1	26	Guardrail end

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Variable 118:SEQUENCE OF EVENTS #3 (Continued)

2008	Prcnt	Code	Value and Description
1657	0.3	27	Median barrier
1848	0.4	28	Highway traffic sign post
190	0.0	29	Highway signal post
341	0.1	30	Luminaire / light support
1449	0.3	31	Utility pole
559	0.1	32	Other pole
384	0.1	33	Culvert
909	0.2	34	Curb
6040	1.2	35	Ditch
1354	0.3	36	Embankment
980	0.2	37	Fence
1486	0.3	38	Mailbox
5712	1.1	39	Tree
13	0.0	40	Railroad crossing signal
276	0.1	41	Building
15	0.0	42	Traffic island
258	0.0	43	Fire hydrant
10	0.0	44	Impact attenuator (crash cushion)
1443	0.3	45	Other fixed object

---

Variable 119      SEQUENCE OF EVENTS #4      Width: 2      Type: Numeric  
Dec:    None      Miss: 0

TCRS Variable - harm\_evnt\_cd

FOURTH SEQUENCE OF EVENTS IN THE CRASH

2008	Prcnt	Code	Value and Description
509259	97.4	0	Uncoded & errors
Noncollision Event			
20	0.0	1	Loss of control
28	0.0	2	Cross centerline / median
190	0.0	3	Ran off roadway left
179	0.0	4	Ran off roadway right
167	0.0	5	Re-enter roadway
2977	0.6	6	Overturn
38	0.0	7	Separation of units
53	0.0	8	Fire / explosion
23	0.0	9	Immersion
21	0.0	10	Jackknife
4	0.0	11	Downhill runaway
6	0.0	12	Cargo loss / shift
65	0.0	13	Individual fell from vehicle
30	0.0	14	Other noncollision
Collision With Nonfixed Objects			
13	0.0	15	Pedestrian
3	0.0	16	Bicyclist (pedalcycle)

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Variable 119:SEQUENCE OF EVENTS #4 (Continued)

2008	Prcnt	Code	Value and Description
909	0.2	17	Motor vehicle in transport (a motor vehicle in motion/ or on a roadway illegally parked)
240	0.0	18	Parked motor vehicle (legally)
3	0.0	19	Railroad train / engineer
18	0.0	20	Animal
103	0.0	21	Other nonfixed object
Collision With Fixed Object			
46	0.0	22	Bridge / pier / abutment
7	0.0	23	Bridge parapet end
50	0.0	24	Bridge rail
422	0.1	25	Guardrail face
47	0.0	26	Guardrail end
274	0.1	27	Median barrier
345	0.1	28	Highway traffic sign post
39	0.0	29	Highway signal post
68	0.0	30	Luminaire / light support
490	0.1	31	Utility pole
127	0.0	32	Other pole
129	0.0	33	Culvert
155	0.0	34	Curb
1951	0.4	35	Ditch
373	0.1	36	Embankment
403	0.1	37	Fence
302	0.1	38	Mailbox
2386	0.5	39	Tree
2	0.0	40	Railroad crossing signal
175	0.0	41	Building
5	0.0	42	Traffic island
68	0.0	43	Fire hydrant
3	0.0	44	Impact attenuator (crash cushion)
461	0.1	45	Other fixed object

---

Variable 124	MOST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - harm\_evnt\_cd

MOST HARMFUL EVENT INDICATED BY THE OFFICER BASED ON VARIABLES 120-123

2008	Prcnt	Code	Value and Description
Noncollision Event			
8938	1.7	0	Uncoded & errors
Noncollision Event			
2195	0.4	1	Loss of control
415	0.1	2	Cross centerline / median
565	0.1	3	Ran off roadway left

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Variable 124: MOST HARMFUL EVENT (Continued)

2008	Prcnt	Code	Value and Description
965	0.2	4	Ran off roadway right
71	0.0	5	Re-enter roadway
8707	1.7	6	Overturn
374	0.1	7	Separation of units
503	0.1	8	Fire / explosion
73	0.0	9	Immersion
329	0.1	10	Jackknife
221	0.0	11	Downhill runaway
606	0.1	12	Cargo loss / shift
501	0.1	13	Individual fell from vehicle
1258	0.2	14	Other noncollision
Collision With Nonfixed Objects			
1967	0.4	15	Pedestrian
1891	0.4	16	Bicyclist (pedalcycle)
351206	67.2	17	Motor vehicle in transport
14777	2.8	18	Parked motor vehicle
254	0.0	19	Railroad train / engineer
60209	11.5	20	Animal
4670	0.9	21	Other nonfixed object
Collision With Fixed Object			
581	0.1	22	Bridge / pier / abutment
232	0.0	23	Bridge parapet end
620	0.1	24	Bridge rail
4512	0.9	25	Guardrail face
712	0.1	26	Guardrail end
4646	0.9	27	Median barrier
2948	0.6	28	Highway traffic sign post
323	0.1	29	Highway signal post
705	0.1	30	Luminaire / light support
3498	0.7	31	Utility pole
1069	0.2	32	Other pole
571	0.1	33	Culvert
1856	0.4	34	Curb
7968	1.5	35	Ditch
1808	0.3	36	Embankment
1324	0.3	37	Fence
2418	0.5	38	Mailbox
10561	2.0	39	Tree
79	0.0	40	Railroad crossing signal
678	0.1	41	Building
53	0.0	42	Traffic island
556	0.1	43	Fire hydrant
54	0.0	44	Impact attenuator (crash cushion)
3429	0.7	45	Other fixed object
10781	2.1	98	No event coded as most harmful

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---

Variable 125	<u>HAZARDOUS ACTION</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

TCRS Variable - hzrd\_actn\_cd

2008	Prcnt	Code	Value and Description
257018	49.2	0	None
43700	8.4	1	Speed too fast
633	0.1	2	Speed too slow
40834	7.8	3	Failed to yield
10412	2.0	4	Disregard traffic control
468	0.1	5	Drove wrong way
2728	0.5	6	Drove left of center
2420	0.5	7	Improper passing
10129	1.9	8	Improper lane use
4766	0.9	9	Improper turn
541	0.1	10	Improper / no signal
8738	1.7	11	Improper backing
66776	12.8	12	Unable to stop in assured clear distance
19645	3.8	13	Other
13633	2.6	14	Unknown
2616	0.5	15	Reckless driving
12716	2.4	16	Careless / negligent driving
24904	4.8	99	Uncoded & errors

---

Variable 126	<u>DRIVER HAZARDOUS CITATN</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - haz\_cit\_ind

2008	Prcnt	Code	Value and Description
424424	81.2	0	No hazardous citation
98253	18.8	1	Hazardous citation issued

---

Variable 127	<u>DRIVER OTHER CITATION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - oth\_citn\_ind

2008	Prcnt	Code	Value and Description
502781	96.2	0	No citation
19896	3.8	1	Citation issued

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Variable 128	<u>DRIVER DRINKING</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - alch\_susp\_ind

2008	Prcnt	Code	Value and Description
511485	97.9	0	Not drinking
11192	2.1	1	Driver drinking

---

Variable 129	<u>REFUSAL INFORMATION-ALC</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - alch\_test\_rfsd\_ind

2008	Prcnt	Code	Value and Description
521697	99.8	0	Did not refuse alcohol test or not offered
980	0.2	1	Refused alcohol test

---

Variable 130	<u>FIELD SOBRIETY TEST-ALC</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - alch\_feld\_test\_ind

2008	Prcnt	Code	Value and Description
520361	99.6	0	No field sobriety test
2316	0.4	1	Field sobriety test given

---

Variable 131	<u>PBT TEST - ALCOHOL</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - alch\_pbt\_test\_ind

2008	Prcnt	Code	Value and Description
516052	98.7	0	No preliminary alcohol blood test
6625	1.3	1	Preliminary alcohol blood test given

---

Variable 132	<u>BREATHALYZER TEST</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - alch\_brth\_test\_ind

2008	Prcnt	Code	Value and Description
518951	99.3	0	No breathalyzer test

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## Variable 132: BREATHALYZER TEST (Continued)

2008	Prcnt	Code	Value and Description
3726	0.7	1	Breathalyzer test given

---

Variable 133	URINE TEST - ALCOHOL	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

## TCRS Variable - alch\_urine\_test\_ind

2008	Prcnt	Code	Value and Description
522627	100.0	0	No alcohol urine test
50	0.0	1	Alcohol urine test given

---

Variable 134	BLOOD TEST - ALCOHOL	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

## TCRS Variable - alch\_blod\_test\_ind

2008	Prcnt	Code	Value and Description
519359	99.4	0	No alcohol blood test
3318	0.6	1	Alcohol blood test given

---

Variable 135	TEST OFFERED-ALCOHOL	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

## TCRS Variable - alch\_test\_not\_ofrd

2008	Prcnt	Code	Value and Description
242120	46.3	0	No alcohol test offered
280557	53.7	1	Alcohol test offered

---

Variable 136	TEST RESULT - ALCOHOL	Width: 3	Type: Numeric
		Dec: 2	Miss: None

---

## TCRS Variable - alch\_test\_rslt

2008	Prcnt	Code	Value and Description
601	0.1	0.00	BAC 0.00
16	0.0	0.01	BAC 0.01
8	0.0	0.02	BAC 0.02
14	0.0	0.03	BAC 0.03
15	0.0	0.04	BAC 0.04

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Variable 136:TEST RESULT - ALCOHOL (Continued)

2008	Prcnt	Code	Value and Description
8	0.0	0.05	BAC 0.05
20	0.0	0.06	BAC 0.06
21	0.0	0.07	BAC 0.07
18	0.0	0.08	BAC 0.08
14	0.0	0.09	BAC 0.09
24	0.0	0.10	BAC 0.10
17	0.0	0.11	BAC 0.11
23	0.0	0.12	BAC 0.12
33	0.0	0.13	BAC 0.13
40	0.0	0.14	BAC 0.14
40	0.0	0.15	BAC 0.15
32	0.0	0.16	BAC 0.16
38	0.0	0.17	BAC 0.17
34	0.0	0.18	BAC 0.18
27	0.0	0.19	BAC 0.19
31	0.0	0.20	BAC 0.20
31	0.0	0.21	BAC 0.21
25	0.0	0.22	BAC 0.22
21	0.0	0.23	BAC 0.23
21	0.0	0.24	BAC 0.24
22	0.0	0.25	BAC 0.25
10	0.0	0.26	BAC 0.26
13	0.0	0.27	BAC 0.27
6	0.0	0.28	BAC 0.28
7	0.0	0.29	BAC 0.29
2	0.0	0.30	BAC 0.30
9	0.0	0.31	BAC 0.31
4	0.0	0.32	BAC 0.32
1	0.0	0.33	BAC 0.33
3	0.0	0.34	BAC 0.34
1	0.0	0.35	BAC 0.35
2	0.0	0.36	BAC 0.36
1	0.0	0.37	BAC 0.37
0	0.0	0.38	BAC 0.38
0	0.0	0.39	BAC 0.39
2	0.0	0.41	BAC 0.41
521422	99.8	9.99	Missing data

---

Variable 137	IGNITION INTERLOCK	Width: 1	Type: Numeric
		Dec: None	Miss: None

TCRS Variable - igil\_ind

2008	Prcnt	Code	Value and Description
521911	99.9	0	No ignition interlock
766	0.1	1	Ignition interlock present

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---

Variable 138	<u>DRUGS SUSPECTED</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

TCRS Variable - drug\_susp\_ind

	2008 Prcnt		Code	Value and Description
	99.7	0		No drugs suspected
521210	0.3	1		Drugs suspected
1467				

---

Variable 139	<u>BLOOD TEST - DRUG</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - drug\_blod\_test\_ind

FLAG: DRIVER GIVEN A "BLOOD TEST"

	2008 Prcnt		Code	Value and Description
	99.7	0		No drug blood test
520938	0.3	1		Drug blood test given
1739				

---

Variable 140	<u>URINE TEST - DRUG</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - drug\_urne\_test\_ind

FLAG: DRIVER GIVEN AN "URINE TEST"

	2008 Prcnt		Code	Value and Description
	100.0	0		No drug urine test
522432	0.0	1		Drug urine test given
245				

---

Variable 141	<u>TEST RESULT - DRUG</u>	Width: 3	Type: Numeric
		Dec: None	Miss: None

---

TCRS Variable - drug\_test\_rslt

	2008 Prcnt		Code	Value and Description
	0.1	1		Negative
				Narcotic Drug (100-299)
	0.0	2	100	Acetaminophen + Codeine
	0.0	0	101	Acetorphine
	0.0	0	102	Acetyl-alpha-methlfentanyl
	0.0	0	103	Acetyldihydrocodeine
	0.0	0	104	Acetylmethadol
	0.0	0	105	Alfentanil

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Variable 141:TEST RESULT - DRUG (Continued)

2008	Prcnt	Code	Value and Description
0	0.0	106	Allylprodine
0	0.0	107	Alpha-Methylfentanyl
0	0.0	108	Alpha-Methylthiofentanyl
0	0.0	109	Alphameprodine
0	0.0	110	Alphamethadol
0	0.0	111	Alphaprodine
0	0.0	112	Anileridine
0	0.0	113	APC + Codeine
0	0.0	114	Aspirin + Codeine
0	0.0	115	Benzethidine
0	0.0	116	Benzitramide
0	0.0	117	Benzylmorphine
0	0.0	118	Beta-Hydroxyfentanyl
0	0.0	119	Betacetylmethadol
0	0.0	120	Betameprodine
0	0.0	121	Betamethadol
0	0.0	122	Betaprodine
0	0.0	123	Bezitramide
0	0.0	124	Buprenorphine
0	0.0	125	Carfentanil
0	0.0	126	Clonitazene
0	0.0	127	Codeine Methylbromide
3	0.0	128	Codeine
0	0.0	129	Cyprenorphine
0	0.0	130	Desomorphine
0	0.0	131	Dextromoramide
0	0.0	132	Diacetylmorphine
0	0.0	133	Diampromide
0	0.0	134	Diethylthiambutene
0	0.0	135	Difenoxin
0	0.0	136	Dihydrocodeine
0	0.0	137	Dihydromorphine
0	0.0	138	Dimenoxadol
0	0.0	139	Dimepheptanol
0	0.0	140	Dimethylthiambutene
0	0.0	141	Dioxaphetyl Butyrate
0	0.0	142	Diphenoxylate
0	0.0	143	Dipipanone
0	0.0	144	Drotebanol
0	0.0	145	Diprenorphine Hydrochloride
0	0.0	146	Ethylmorphine
0	0.0	147	Ethylmethylthiambutene
0	0.0	148	Etonitazene
0	0.0	149	Etorphine
1	0.0	150	Etoxerdine
1	0.0	151	Fentanyl
0	0.0	152	Fiorinal + Codeine
0	0.0	153	Furethidine
0	0.0	154	Heroin
10	0.0	155	Hydrocodone
0	0.0	156	Hydromorphenol
1	0.0	157	Hydromorphone

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## Variable 141:TEST RESULT - DRUG (Continued)

2008	Prcnt	Code	Value and Description
0	0.0	158	Hydroxypethidine
0	0.0	159	Isomethadone
0	0.0	160	Ketobemidone
0	0.0	161	Levomoramide
0	0.0	162	Levophenacymorphan
0	0.0	163	Levomethorphan
0	0.0	164	Levorphanol Tartrate
0	0.0	165	Meperidine (Pethidine)
1	0.0	166	Metazocine
5	0.0	167	Methadone
0	0.0	168	Methyldesorphine
0	0.0	169	Methyldihydromorphine
0	0.0	170	Methylfentanyl
0	0.0	171	Methylphenylpropionoxypiperidine (MPPP)
0	0.0	172	Metopon
0	0.0	173	Moramide
0	0.0	174	Morpheridine
0	0.0	175	Morphine Methylsulfonate
0	0.0	176	Morphine Methylbromide
3	0.0	177	Morphine
0	0.0	178	Myrophine
0	0.0	179	Nalorphine
0	0.0	180	Nicocodeine
0	0.0	181	Nicomorphine
0	0.0	182	Noracymethadol
0	0.0	183	Norlevorphanol
0	0.0	184	Normethadone
0	0.0	185	Normorphine
0	0.0	186	Norpipanone
0	0.0	187	Opium
0	0.0	188	Methylenedioxy-N-Oxymorphone
0	0.0	189	Oxycodone
0	0.0	190	Parafluorofentanyl
0	0.0	191	Paregoric
0	0.0	192	Parepectolin
0	0.0	193	Pentazocine
0	0.0	194	Pethidine (Meperidne)
0	0.0	195	Phenadoxone
0	0.0	196	Phenampromide
0	0.0	197	Phenanthrine
0	0.0	198	Phenazocine
0	0.0	199	Phenomorphane
0	0.0	200	Phenoperidine
0	0.0	201	Phenylacetyloxypiperidine (PEPAP)
0	0.0	202	Pholcodine
0	0.0	203	Piminodine
0	0.0	204	Piritramide
0	0.0	205	Proheptazine
0	0.0	206	Properidine
0	0.0	207	Propiram
1	0.0	208	Propoxyphene
0	0.0	209	Racemethorphan

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Variable 141:TEST RESULT - DRUG (Continued)

2008	Prcnt	Code	Value and Description
0	0.0	210	Racemoramide
0	0.0	211	Racemorphan
0	0.0	212	Sulfentanil
0	0.0	213	Thebacon
0	0.0	214	Thebaine
0	0.0	215	Thiofentanyl
0	0.0	216	Tilidine
0	0.0	217	Trimeperidine
0	0.0	218	Butorphanol
0	0.0	220	Alphacetylmethadol
0	0.0	221	Beta-Hydroxy-3-Methylfentanyl
0	0.0	222	Codeine & Isoquinoline
0	0.0	223	Codeine-N-Oxide
0	0.0	224	Dextropropoxyphene
0	0.0	225	Difenoxin
0	0.0	226	Dihydroetorphine
0	0.0	227	Diprenorphine
0	0.0	228	Levo-Alphacetylmethado
0	0.0	229	Levorphanol
0	0.0	230	Methylthiofentanyl
0	0.0	231	Morphine-N-Oxide
0	0.0	232	Opium Extract
0	0.0	233	Opium Fluid Extract
0	0.0	234	Opium Poppy
0	0.0	235	Opium Tincture
0	0.0	236	Acetoxypiperidine
0	0.0	237	Poppy Straw
0	0.0	238	Poppy Straw Concentrate
0	0.0	239	Remifentanil
4	0.0	295	"Narcotics- Type Unknown"
Depressant Drug (300-399)			
0	0.0	300	Alprazolam
0	0.0	301	Amobarbital
0	0.0	302	Barbitol
0	0.0	303	Barbiturates
1	0.0	304	Benzodiazepines
0	0.0	305	Benzylfentanyl
0	0.0	306	Bromazepam
0	0.0	307	Butobarbitol
0	0.0	308	Butolbitol
0	0.0	309	Camazepam
0	0.0	310	Carbamate
0	0.0	311	Chloral betaine
0	0.0	312	Amobarbital & non-controlled Chloralhydrate
0	0.0	313	Chlordiazepoxide
0	0.0	314	Chlorhexadol
0	0.0	315	Clobazam
1	0.0	316	Clonazepam
0	0.0	317	Clorazepate Dipotassium
0	0.0	318	Clotiazepam
0	0.0	319	Cloxazolam

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## Variable 141:TEST RESULT - DRUG (Continued)

2008	Prcnt	Code	Value and Description
0	0.0	320	Delorazepam
0	0.0	321	Diazepam
0	0.0	322	Estazolam
0	0.0	323	Ethchlorvynol
0	0.0	324	Ethinamate
0	0.0	325	Ethyl Ioflazepate
0	0.0	326	Fiorinol
0	0.0	327	Fludiazepam
0	0.0	328	Flunitrazepam
0	0.0	329	Flurazepam Hydrochloride
0	0.0	330	Glutethimide
0	0.0	331	Halazepam
0	0.0	332	Haloxazolam
0	0.0	333	Hexobarbital
0	0.0	334	Hydroxizine
0	0.0	335	Ketazolam
0	0.0	336	Loprazolam
0	0.0	337	Lorazepam
0	0.0	338	Lormetazepam
0	0.0	339	Mebutamate
0	0.0	340	Mecloqualone
0	0.0	341	Medazepam
0	0.0	342	Mephobarbital (Methylphenobarbital)
0	0.0	343	Meprobamate
0	0.0	344	Methaqualone
0	0.0	345	Metharbital
0	0.0	346	Methohexital
0	0.0	347	Methyprylon
0	0.0	348	Midazolam
0	0.0	349	Nimetazepam
0	0.0	350	Nitrazepam
0	0.0	351	Nordiazepam
0	0.0	352	Oxazepam
0	0.0	353	Oxazolam
0	0.0	354	Paraldehyde
0	0.0	355	Pentobarbital
0	0.0	356	Petrichloral
0	0.0	357	Phencyclohexylamine
0	0.0	358	Phenobarbital
0	0.0	359	Pinazepam
0	0.0	360	Prazepam
0	0.0	361	Quazepam
0	0.0	362	Secobarbital
0	0.0	363	Sulfondiethylmethane
0	0.0	364	Sulfonethylmethane
0	0.0	365	Sulfonmethane
0	0.0	366	Talbutal
0	0.0	367	Phenylethyl-phenyl-Temazepam
0	0.0	368	Tetrazepam
0	0.0	369	Thenylfentanyl
0	0.0	370	Thiamylal
0	0.0	371	Thiopental (Pentothal)

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Variable 141:TEST RESULT - DRUG (Continued)

2008	Prcnt	Code	Value and Description
0	0.0	372	Tiletamine
0	0.0	373	Triazolam
0	0.0	374	Tybamate
0	0.0	375	Zolazepam (Telazol)
0	0.0	376	Carisoprodol
0	0.0	377	Gamma Hydroxybutyric (GHB)
0	0.0	378	active ingredient
0	0.0	379	Aprobarbital
0	0.0	380	Barbituric Acid Derivative
0	0.0	382	Clorazepate
0	0.0	383	Dexfenfluramine
0	0.0	384	Flurazepam
0	0.0	385	Sibutramine
0	0.0	386	Zaleplon
0	0.0	387	Zolpidem
0	0.0	395	"Depressants- Type Unknown"
Stimulant Drug (400-499)			
0	0.0	400	Amphetamine Sulfate
2	0.0	401	Amphetamine
14	0.0	402	Benzoyllecgonine
0	0.0	403	Benzphetamine
0	0.0	404	Cathine (Norpseudoephedrine)
0	0.0	405	Chlorphentermine
0	0.0	406	Clortermine
9	0.0	407	Cocaine
0	0.0	408	Dextroamphetamine
0	0.0	409	Diethylpropion
0	0.0	410	Ecgonine
0	0.0	411	Fencamfamin
0	0.0	412	Fenethylline
0	0.0	413	Fenfluramine
0	0.0	414	Fenproporex
0	0.0	415	Mazindol
0	0.0	416	Mefenorex
2	0.0	417	Methamphetamine
0	0.0	418	Methlphenidate
0	0.0	419	Nethylamphetamine
0	0.0	420	Pemoline
0	0.0	421	Phendimetrazine
0	0.0	422	Phenmetrazine
0	0.0	423	Phentermine
0	0.0	424	Pipradrol
0	0.0	425	Propylhexedrine
0	0.0	426	Pyrovalerone
0	0.0	427	SPA
0	0.0	428	Aminorex
0	0.0	429	Cathinone
0	0.0	430	Coca Leaves
0	0.0	431	Dichloralphenazone
0	0.0	432	Methcathinone
0	0.0	433	Modafinil

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## Variable 141:TEST RESULT - DRUG (Continued)

2008	Prcnt	Code	Value and Description
0	0.0	434	Vinbarbital
0	0.0	495	"Stimulants- Type Unknown"
Hallucinogen Drug (500-599)			
0	0.0	500	Amphetamine Variants
0	0.0	501	Bufotenine
0	0.0	503	Diethyltryptamine (DET)
0	0.0	504	Dimethoxyamphetamine (DOM)
0	0.0	505	Dimethyltryptamine (DMT)
0	0.0	506	DMA
0	0.0	507	Dronabinol
0	0.0	508	Ethyl-Pipirdylbenzilate
0	0.0	509	Ibogaine
0	0.0	510	LSD
0	0.0	511	Lysergic Acid
0	0.0	512	Mescaline
1	0.0	513	Methylenedioxyamphetamine (MDMA)
0	0.0	514	Methoxyamphetamine (PMA)
0	0.0	515	Methylenedioxyamphetamine (MDA)
0	0.0	516	Nabilone
0	0.0	517	Peyote
0	0.0	518	Phenylacetone (P2P)
0	0.0	519	Psilocybin
0	0.0	520	Psilocyn
0	0.0	521	Trimethoxy Amphetamine
0	0.0	522	Ketamine
0	0.0	523	Alpha-Ethyltryptamine
0	0.0	524	Bromo-Dimethoxyamphetamine
0	0.0	525	Bromo-Dimethoxyphenethylamine
0	0.0	527	Lysergic Acid Amide
0	0.0	528	Lysergic Acid Diethylamide
0	0.0	529	Methylaminorex
0	0.0	530	Methyl-Dimethoxyamphetamine
0	0.0	531	Ethylamphetamine
0	0.0	532	Dimethylamphetamine
0	0.0	533	Ethyl-Phenylcyclohexylamine
0	0.0	595	"Hallucinogens- Type Unknown"
Cannabinoid Drug (600-699)			
0	0.0	600	Delta 9
0	0.0	601	Hashish Oil
0	0.0	602	Hashish
8	0.0	603	Marijuana/Marihuana
0	0.0	604	Marinol
0	0.0	605	Tetrahydrocannabinols
39	0.0	606	THC
1	0.0	685	
2	0.0	695	"Cannabinoid- Type Unknown"
Phencyclidine (PCP) (700-799)			
0	0.0	700	Ethylamine
0	0.0	701	Parahexyl (Synhexyl)

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Variable 141:TEST RESULT - DRUG (Continued)

2008	Prcnt	Code	Value and Description
0	0.0	702	Phencyclidine
0	0.0	703	Phencyclidine Analogs
0	0.0	704	Phenylcyclohexylamine
0	0.0	705	Piperidinocyclohexane-carbonitrile (PCC)
0	0.0	706	"Pyrrolidine (PCPy/ PHP/ TCPy)"
0	0.0	707	Thiophen
0	0.0	708	Thienylcyclohexylpiperidine
0	0.0	795	"PCP- Type Unknown"
Anabolic Steroid (800-899)			
0	0.0	800	Boldenone
0	0.0	801	Chlorotestosterone
0	0.0	802	Chlostebol
0	0.0	803	Dehydrochlormethyltestosterone
0	0.0	804	Dihydrotestosterone
0	0.0	805	Drostanolone
0	0.0	806	Ethylestrenol
0	0.0	807	Fluoxymesterone
0	0.0	808	Formebolone (Formebolone)
0	0.0	809	Mesterolone
0	0.0	810	Methandienone
0	0.0	811	Methandranone
0	0.0	812	Methandriol
0	0.0	813	Methandrostenolone
0	0.0	814	Methenolone
0	0.0	815	Methyltestosterone
0	0.0	816	Mibolerone
0	0.0	817	Nandrolone
0	0.0	818	Norethandrolone
0	0.0	819	Oxandrolone
0	0.0	820	Oxymesterone
0	0.0	821	Oxymetholone
0	0.0	822	Stanolone
0	0.0	823	Stanozolol
0	0.0	824	Testolactone
0	0.0	825	Testosterone
0	0.0	826	Trenbolone
0	0.0	827	Clostebol
0	0.0	895	Anabolic Steroid- Type Unknown
Inhalant Drug (900-995)			
0	0.0	900	Volatile Solvents (Toluene)
0	0.0	901	Plastic Cement (airplane glue)
0	0.0	902	Paint and Paint Removers
0	0.0	903	"Petroleum Products (gasoline/ kerosene)"
0	0.0	904	Lacquer Thinners
0	0.0	920	Anesthetic Gases
0	0.0	921	Amyl Nitrite
0	0.0	923	Butly Nitrite
0	0.0	924	Nitrous Oxide
0	0.0	925	Ether
0	0.0	926	Chloroform

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## Variable 141: TEST RESULT - DRUG (Continued)

2008	Prcnt	Code	Value and Description
0	0.0	940	Aerosols (hydrocarbon)
0	0.0	941	Hair Spray
0	0.0	942	Insecticides
0	0.0	943	Glass Chillers
0	0.0	944	Frying Pan Lubricants
0	0.0	995	"Inhalants- Type Unknown"
4	0.0	996	"Other"
5	0.0	997	Tested- Results Unknown
1	0.0	998	Tested- Drugs Found- Type Unknown
522218	99.9	999	Unknown If Tested For Drugs

---

Variable 142	TOTAL OCCUPANTS IN UNIT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

TCRS Variable - tot\_occv

## NUMBER OF OCCUPANTS FOR TRAFFIC UNIT (OFFICER CODED)

2008	Prcnt	Code	Value and Description
16371	3.1	0	0 occupants
362412	69.3	1	1 occupant
80721	15.4	2	2 occupants
21393	4.1	3	3 occupants
9118	1.7	4	4 occupants
2822	0.5	5	5 occupants
736	0.1	6	6 occupants
375	0.1	7	7 occupants
148	0.0	8	8 occupants
82	0.0	9	9 occupants
80	0.0	10	10 occupants
57	0.0	11	11 occupants
50	0.0	12	12 occupants
35	0.0	13	13 occupants
17	0.0	14	14 occupants
39	0.0	15	15 occupants
18	0.0	16	16 occupants
10	0.0	17	17 occupants
19	0.0	18	18 occupants
17	0.0	19	19 occupants
38	0.0	20	20 occupants
26	0.0	21	21 occupants
21	0.0	22	22 occupants
16	0.0	23	23 occupants
10	0.0	24	24 occupants
29	0.0	25	25 occupants
11	0.0	26	26 occupants
10	0.0	27	27 occupants
13	0.0	28	28 occupants

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2008 - Vehicle/Driver

Variable 142:TOTAL OCCUPANTS IN UNIT (Continued)

2008	Prcnt	Code	Value and Description
8	0.0	29	29 occupants
26	0.0	30	30 occupants
19	0.0	31	31 occupants
11	0.0	32	32 occupants
8	0.0	33	33 occupants
10	0.0	34	34 occupants
13	0.0	35	35 occupants
6	0.0	36	36 occupants
1	0.0	37	37 occupants
2	0.0	38	38 occupants
5	0.0	39	39 occupants
13	0.0	40	40 occupants
8	0.0	41	41 occupants
5	0.0	42	42 occupants
4	0.0	43	43 occupants
2	0.0	44	44 occupants
2	0.0	45	45 occupants
6	0.0	46	46 occupants
1	0.0	47	47 occupants
2	0.0	48	48 occupants
4	0.0	49	49 occupants
6	0.0	50	50 occupants
8	0.0	51	51 occupants
3	0.0	52	52 occupants
5	0.0	53	53 occupants
3	0.0	54	54 occupants
3	0.0	55	55 occupants
3	0.0	56	56 occupants
2	0.0	57	57 occupants
1	0.0	58	58 occupants
0	0.0	59	59 occupants
12	0.0	60	60 occupants
12	0.0	61	61 occupants
6	0.0	62	62 occupants
1	0.0	63	63 occupants
1	0.0	64	64 occupants
0	0.0	65	65 occupants
0	0.0	66	66 occupants
0	0.0	67	67 occupants
1	0.0	68	68 occupants
0	0.0	69	69 occupants
1	0.0	70	70 occupants
17	0.0	71	71 occupants
3	0.0	72	72 occupants
2	0.0	73	73 occupants
0	0.0	74	74 occupants
1	0.0	75	75 occupants
1	0.0	76	76 occupants
1	0.0	77	77 occupants
0	0.0	78	78 occupants
0	0.0	79	79 occupants
1	0.0	80	80 occupants

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Variable 142:TOTAL OCCUPANTS IN UNIT (Continued)

2008	Prcnt	Code	Value and Description
11	0.0	81	81 occupants
3	0.0	82	82 occupants
1	0.0	83	83 occupants
1	0.0	84	84 occupants
0	0.0	85	85 occupants
0	0.0	86	86 occupants
1	0.0	87	87 occupants
0	0.0	88	88 occupants
0	0.0	89	89 occupants
1	0.0	90	90 occupants
1	0.0	91	91 occupants
1	0.0	92	92 occupants
0	0.0	93	93 occupants
1	0.0	94	94 occupants
1	0.0	95	95 occupants
0	0.0	96	96 occupants
0	0.0	97	97 occupants
0	0.0	98	98+ occupants
27711	5.3	99	Missing data

---

Variable 143	<u>NUMBER OF FATALS IN UNIT</u>	Width: 3	Type: Numeric
		Dec: None	Miss: None

TCRS Variable - num\_fatl

CJIC COMPUTED NUMBER OF FATALITIES IN VEHICLE

2008	Prcnt	Code	Value and Description
521750	99.8	0	0 killed
876	0.2	1	1 killed
49	0.0	2	2 killed
2	0.0	3	3 killed
0	0.0	4	4 killed

---

Variable 144	<u>NUMBER OF INJURIES-UNIT</u>	Width: 3	Type: Numeric
		Dec: None	Miss: None

TCRS Variable - num\_injy

CJIC COMPUTED NUMBER OF INJURIES IN VEHICLE

2008	Prcnt	Code	Value and Description
457924	87.6	0	0 injured
56800	10.9	1	1 injured
6474	1.2	2	2 injured
1246	0.2	3	3 injured

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The Michigan Traffic Crash Facts Variables  
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Variable 144:NUMBER OF INJURIES-UNIT (Continued)

2008	Prcnt	Code	Value and Description
153	0.0	4	4 injured
52	0.0	5	5 injured
11	0.0	6	6 injured
7	0.0	7	7 injured
6	0.0	8	8 injured
1	0.0	9	9 injured
0	0.0	10	10 injured
1	0.0	11	11 injured
1	0.0	12	12 injured
0	0.0	13	13 injured
0	0.0	14	14 injured
1	0.0	15	15 injured

---

Variable 145      WORST INJURY IN VEHICLE      Width: 1      Type: Numeric  
Dec:      None      Miss: None

TDC Variable - vwsev

TDC COMPUTED WORST INJURY IN TRAFFIC UNIT (TU)

2008	Prcnt	Code	Value and Description
927	0.2	1	Fatal
5876	1.1	2	A - incapacitating injury
14774	2.8	3	B - nonincapacitating injury
43870	8.4	4	C - possible injury
457230	87.5	5	No injury

\*\*\*\*\*  
\*      Variables 154 through 177 are specific to each vehicle in the \*  
\* crash. The following section applies to vehicle drivers,      \*  
\* pedestrians, bicyclists and train engineers.      \*  
\*\*\*\*\*

---

Variable 154      DRIVER POSITION      Width: 2      Type: Numeric  
Dec:      None      Miss: 99

TDCS Variable - pos\_cd

2008	Prcnt	Code	Value and Description
473017	90.5	1	Left side front (driver)/ in-line vehicle driver
184	0.0	2	Front-middle
333	0.1	3	Front-right
3	0.0	4	2nd row left/ in-line vehicle passenger #1
0	0.0	5	2nd row middle

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## Variable 154:DRIVER POSITION (Continued)

2008	Prcnt	Code	Value and Description
0	0.0	6	2nd row right
0	0.0	7	3rd row left/ in-line vehicle passenger #2
0	0.0	8	3rd row middle
0	0.0	9	3rd row right
4	0.0	10	In sleeper section
1	0.0	11	Other enclosed passenger area / cargo area
0	0.0	12	Other unenclosed passenger area / cargo area
0	0.0	13	Riding in/on trailing unit
0	0.0	14	Riding on vehicle exterior
478	0.1	15	Unknown
2072	0.4	50	(B) Bicyclist
54	0.0	51	(E) Engineer
2311	0.4	52	(P) Pedestrian
44220	8.5	99	Uncoded & errors

---

Variable 155	DRIVER RESTRAINT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## TCRS Variable - rstr\_use\_cd

2008	Prcnt	Code	Value and Description
2921	0.6	1	No belts available
651	0.1	2	Shoulder belt only used
1038	0.2	3	Lap belt only used
444488	85.0	4	Both lap & shoulder belt used
3224	0.6	5	No belts used
92	0.0	6	Child restraint used
284	0.1	7	Child restraint not used/ unavailable or improper use
122	0.0	8	Restraint failure
16695	3.2	9	Restraint use unknown
3818	0.7	10	Helmet worn
901	0.2	11	Helmet not worn
225	0.0	12	Helmet use unknown
48218	9.2	99	Uncoded & errors

---

Variable 156	DRIVER AIRBAG	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## TCRS Variable - ab\_depl\_cd

2008	Prcnt	Code	Value and Description
56269	10.8	0	No airbag
38166	7.3	1	Deployed
393077	75.2	2	Not deployed
35165	6.7	3	Not equipped

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---

Variable 157	<u>DRIVER EJECTION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - prty\_ejct\_ind

	2008 Prcnt		Code Value and Description
521470	99.8	0	No ejection
1207	0.2	1	Ejected

---

Variable 158	<u>DRIVER TRAPPED</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - prty\_trap\_ind

	2008 Prcnt		Code Value and Description
520981	99.7	0	Not trapped
1696	0.3	1	Trapped

---

Variable 159	<u>DRIVER LICENSE STATE</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

---

TCRS Variable - driv\_licn\_st Recoded from original text value  
shown in parentheses

	2008 Prcnt		Code Value and Description
			UNITED STATES
132	0.0	1	(AL) Alabama
53	0.0	2	(AK) Alaska
289	0.1	4	(AZ) Arizona
73	0.0	5	(AR) Arkansas
499	0.1	6	(CA) California
180	0.0	8	(CO) Colorado
42	0.0	9	(CT) Connecticut
18	0.0	10	(DE) Delaware
15	0.0	11	(DC) District of Columbia
1254	0.2	12	(FL) Florida
351	0.1	13	(GA) Georgia
171	0.0	15	(HI) Hawaii
60	0.0	16	(ID) Idaho
2146	0.4	17	(IL) Illinois
2178	0.4	18	(IN) Indiana
145	0.0	19	(IA) Iowa
75	0.0	20	(KS) Kansas
216	0.0	21	(KY) Kentucky
74	0.0	22	(LA) Louisiana
66	0.0	23	(ME) Maine
165	0.0	24	(MD) Maryland
133	0.0	25	(MA) Massachusetts
452198	86.5	26	(MI) Michigan

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2008 - Vehicle/Driver

## Variable 159:DRIVER LICENSE STATE (Continued)

2008	Prcnt	Code	Value and Description
260	0.0	27	(MN) Minnesota
117	0.0	28	(MS) Mississippi
231	0.0	29	(MO) Missouri
244	0.0	30	(MT) Montana
58	0.0	31	(NE) Nebraska
88	0.0	32	(NV) Nevada
34	0.0	33	(NH) New Hampshire
132	0.0	34	(NJ) New Jersey
39	0.0	35	(NM) New Mexico
335	0.1	36	(NY) New York
265	0.1	37	(NC) North Carolina
21	0.0	38	(ND) North Dakota
2978	0.6	39	(OH) Ohio
77	0.0	40	(OK) Oklahoma
63	0.0	41	(OR) Oregon
334	0.1	42	(PA) Pennsylvania
49	0.0	44	(RI) Rhode Island
115	0.0	45	(SC) South Carolina
38	0.0	46	(SD) South Dakota
368	0.1	47	(TN) Tennessee
552	0.1	48	(TX) Texas
42	0.0	49	(UT) Utah
17	0.0	50	(VT) Vermont
212	0.0	51	(VA) Virginia
135	0.0	53	(WA) Washington
53	0.0	54	(WV) West Virginia
1166	0.2	55	(WI) Wisconsin
24	0.0	56	(WY) Wyoming
US TERRITORY			
4	0.0	60	(AS) American Samoa
0	0.0	61	(PZ) Panama Canal Zone
0	0.0	64	(FM) Federated States of Micronesia
0	0.0	66	(GU) Guam
7	0.0	69	(MP) Northern Mariana Islands
0	0.0	70	(PW) Palau
2	0.0	72	(PR) Puerto Rico
0	0.0	74	(UM) US Minor Outlying Islands
5	0.0	75	(MH) Marshall Islands
6	0.0	78	(VI) Virgin Islands
0	0.0	79	(WK) Wake Island
CANADA			
21	0.0	101	(AB) Alberta
11	0.0	102	(BC) British Columbia
22	0.0	103	(MB) Manitoba
14	0.0	104	(NB) New Brunswick
5	0.0	105	(NF) Newfoundland and Labrador
1	0.0	106	(NT) Northwest Territories
3	0.0	107	(NS) Nova Scotia
1797	0.3	108	(ON) Ontario
0	0.0	109	(PE) Prince Edward Island

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The Michigan Traffic Crash Facts Variables  
2008 - Vehicle/Driver

Variable 159:DRIVER LICENSE STATE (Continued)

2008	Prcnt	Code	Value and Description
82	0.0	110	(PQ/QC) Quebec
2	0.0	111	(SK) Saskatchewan
0	0.0	112	(YT) Yukon Territory
0	0.0	113	(NU) Nunavut
MEXICO			
0	0.0	201	(AG) Aguascalientes
1	0.0	202	(BN) Baja Calif (Territory North)
0	0.0	203	(BS) Baja Calif (Territory South)
0	0.0	204	(CP) Campeche
1	0.0	205	(CS) Chiapas
0	0.0	206	(CI) Chihuahua
1	0.0	207	(CH) Coahuila de Zaragoza
0	0.0	208	(CL) Colima
1	0.0	209	(DF) Distrito Federal
0	0.0	210	(DG) Durango
0	0.0	211	(GJ) Guanajuato
1	0.0	212	(GE) Guerrero
0	0.0	213	(HD) Hidalgo
0	0.0	214	(JA) Jalisco
39	0.0	215	(MX) Mexico (State)
21	0.0	216	(MC) Michoacan de Ocampo
5	0.0	217	(MR) Morelos
2	0.0	218	(NA) Nayarit
4	0.0	219	(NL) Nuevo Leon
3	0.0	220	(OA) Oaxaca
0	0.0	221	(PU) Puebla
0	0.0	222	(QE) Queretaro de Arteaga
1	0.0	223	(QI) Quintana Roo
0	0.0	224	(SL) San Luis Potosi
0	0.0	225	(SI) Sinaloa
0	0.0	226	(SO) Sonora
0	0.0	227	(TB) Tabasco
3	0.0	228	(TA) Tamaulipas
2	0.0	229	(TL) Tlaxcala
0	0.0	230	(VC) Veracruz-Llave
0	0.0	231	(YU) Yucatan
1	0.0	232	(ZA) Zacatecas
INTERNATIONAL			
0	0.0	301	(BZ) Belize
0	0.0	302	(CZ) Canal Zone
0	0.0	303	(CR) Costa Rica
0	0.0	304	(ES) El Salvador
0	0.0	305	(GT) Guatemala
0	0.0	306	(HO) Honduras
293	0.1	307	(XX) International
2	0.0	308	(NI) Nicaragua
2	0.0	309	(PN) Panama
UNKNOWN			
51732	9.9	9999	(UK) Unknown

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---

Variable 160	<u>LICENSE TYPE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

## TCRS Variable - driv\_licn\_type\_cd

	2008 Prcnt		Code Value and Description
422575	80.8	1	Operators license
35531	6.8	2	Chauffeurs license
200	0.0	3	Moped license
64371	12.3	9	Uncoded & errors

---

Variable 161	<u>LICENSE TYPE - CYCLE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 8

---

## TCRS Variable - driv\_licn\_type\_cd

	2008 Prcnt		Code Value and Description
461480	88.3	0	No cycle
6050	1.2	1	Cycle
55147	10.6	8	Uncoded & errors

---

Variable 162	<u>LICENSE TYPE - FARM</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 8

---

## TCRS Variable - driv\_licn\_type\_cd

	2008 Prcnt		Code Value and Description
467396	89.4	0	No farm
134	0.0	1	Farm
55147	10.6	8	Uncoded & errors

---

Variable 163	<u>LICENSE-RECREATIONAL DBL</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 8

---

## TCRS Variable - driv\_licn\_type\_cd

## LICENSE ENDORSEMENT - RECREATIONAL DOUBLE

	2008 Prcnt		Code Value and Description
466577	89.3	0	No recreational double
953	0.2	1	Recreational double
55147	10.6	8	Uncoded & errors

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---

Variable 165	DRIVER AGE	Width: 3	Type: Numeric
		Dec: None	Miss: 999

---

TCRS Variable - prty\_age

2008	Prcent	Code	Value and Description
872	0.2	0	Less than 1 year old
12	0.0	1	1 year old
8	0.0	2	2 years old
17	0.0	3	3 years old
20	0.0	4	4 years old
31	0.0	5	5 years old
38	0.0	6	6 years old
44	0.0	7	7 years old
41	0.0	8	8 years old
71	0.0	9	9 years old
69	0.0	10	10 years old
101	0.0	11	11 years old
164	0.0	12	12 years old
183	0.0	13	13 years old
310	0.1	14	14 years old
858	0.2	15	15 years old
9810	1.9	16	16 years old
13891	2.7	17	17 years old
16209	3.1	18	18 years old
14865	2.8	19	19 years old
13845	2.6	20	20 years old
13074	2.5	21	21 years old
12185	2.3	22	22 years old
11400	2.2	23	23 years old
10368	2.0	24	24 years old
10189	1.9	25	25 years old
9999	1.9	26	26 years old
9615	1.8	27	27 years old
9297	1.8	28	28 years old
8826	1.7	29	29 years old
8712	1.7	30	30 years old
8560	1.6	31	31 years old
8065	1.5	32	32 years old
8245	1.6	33	33 years old
8099	1.5	34	34 years old
8334	1.6	35	35 years old
8709	1.7	36	36 years old
9356	1.8	37	37 years old
9058	1.7	38	38 years old
8808	1.7	39	39 years old
8579	1.6	40	40 years old
8836	1.7	41	41 years old
8753	1.7	42	42 years old
9137	1.7	43	43 years old
9307	1.8	44	44 years old
9178	1.8	45	45 years old
9295	1.8	46	46 years old
9231	1.8	47	47 years old
8796	1.7	48	48 years old

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## Variable 165:DRIVER AGE (Continued)

2008	Prcnt	Code	Value and Description
8639	1.7	49	49 years old
8706	1.7	50	50 years old
8685	1.7	51	51 years old
8230	1.6	52	52 years old
7871	1.5	53	53 years old
7500	1.4	54	54 years old
7017	1.3	55	55 years old
6868	1.3	56	56 years old
6360	1.2	57	57 years old
6191	1.2	58	58 years old
5796	1.1	59	59 years old
5516	1.1	60	60 years old
5525	1.1	61	61 years old
4025	0.8	62	62 years old
3710	0.7	63	63 years old
3590	0.7	64	64 years old
3710	0.7	65	65 years old
3239	0.6	66	66 years old
2780	0.5	67	67 years old
2540	0.5	68	68 years old
2246	0.4	69	69 years old
2233	0.4	70	70 years old
1987	0.4	71	71 years old
1852	0.4	72	72 years old
1839	0.4	73	73 years old
1626	0.3	74	74 years old
1653	0.3	75	75 years old
1489	0.3	76	76 years old
1525	0.3	77	77 years old
1427	0.3	78	78 years old
1354	0.3	79	79 years old
1233	0.2	80	80 years old
1166	0.2	81	81 years old
1025	0.2	82	82 years old
872	0.2	83	83 years old
807	0.2	84	84 years old
661	0.1	85	85 years old
603	0.1	86	86 years old
475	0.1	87	87 years old
368	0.1	88	88 years old
256	0.0	89	89 years old
196	0.0	90	90 years old
173	0.0	91	91 years old
88	0.0	92	92 years old
61	0.0	93	93 years old
36	0.0	94	94 years old
31	0.0	95	95 years old
19	0.0	96	96 years old
7	0.0	97	97 years old
3	0.0	98	98 years old
5	0.0	99	99 years old
1	0.0	100	100 years old

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Variable 165:DRIVER AGE (Continued)

2008	Prcnt	Code	Value and Description
0	0.0	101	101 years old
0	0.0	102	102 years old
0	0.0	103	103 years old
1	0.0	104	104 years old
0	0.0	105	105 years old
0	0.0	106	106 years old
1	0.0	107	107 years old
1	0.0	108	108 years old
0	0.0	109	109 years old
0	0.0	110	110 years old
45389	8.7	999	DOB invalid

---

Variable 166      DRIVER GENDER      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

TCRS Variable - gndr\_cd

2008	Prcnt	Code	Value and Description
270115	51.7	1	Male
214547	41.0	2	Female
38015	7.3	9	Uncoded & errors

---

Variable 167      DRIVER DEGREE OF INJURY      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

TCRS Variable - injy\_svty\_cd

2008	Prcnt	Code	Value and Description
45239	8.7	0	Uncoded & errors
773	0.1	1	Killed
5230	1.0	2	Incapacitating injury
12854	2.5	3	Nonincapacitating injury
39100	7.5	4	Possible injury
419481	80.3	5	No injury

---

Variable 168      DRIVER CONDITION NORMAL      Width: 2      Type: Numeric  
Dec:    None      Miss: 0

TCRS Variable - driv\_cond\_cd

DRIVER CONDITION CODE 1 - DID DRIVER APPEAR NORMAL?

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## Variable 168:DRIVER CONDITION NORMAL (Continued)

2008	Prcnt	Code	Value and Description
95562	18.3	0	No- driver condition did not appear normal
427115	81.7	1	Yes- driver condition appeared normal

---

Variable 169	DRIVER CONDITION ALCOHOL	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - driv\_cond\_cd

## DRIVER CONDITION CODE 2 - WAS DRIVER DRINKING?

2008	Prcnt	Code	Value and Description
511624	97.9	0	No- driver was not drinking
11053	2.1	1	Yes- driver was drinking

---

Variable 170	DRIVER CONDITION DRUGS	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - driv\_cond\_cd

## DRIVER CONDITION CODE 3 - WAS DRIVER USING ILLEGAL DRUGS?

2008	Prcnt	Code	Value and Description
521880	99.8	0	No- driver was not using illegal drugs
797	0.2	1	Yes- driver was using illegal drugs

---

Variable 171	DRIVER CONDITION SICK	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - driv\_cond\_cd

## DRIVER CONDITION CODE 4 - WAS DRIVER SICK?

2008	Prcnt	Code	Value and Description
521701	99.8	0	No- driver was not sick
976	0.2	1	Yes- driver was sick

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---

<u>Variable 172</u>	<u>DRIVER CONDITION FATIGUE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - driv\_cond\_cd

DRIVER CONDITION CODE 5 - WAS DRIVER FATIGUED?

2008	Prct	Code	Value and Description
521935	99.9	0	No- driver was not fatigued
742	0.1	1	Yes- driver was fatigued

---

<u>Variable 173</u>	<u>DRIVER CONDITION ASLEEP</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - driv\_cond\_cd

DRIVER CONDITION CODE 6 - WAS DRIVER ASLEEP?

2008	Prct	Code	Value and Description
521690	99.8	0	No- driver was not asleep
987	0.2	1	Yes- driver was asleep

---

<u>Variable 174</u>	<u>DRIVER CONDITION MEDICIN</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - driv\_cond\_cd

DRIVER CONDITION CODE 7 - WAS DRIVER USING MEDICINE?

2008	Prct	Code	Value and Description
521848	99.8	0	No- driver was not using medicine
829	0.2	1	Yes- driver was using medicine

---

<u>Variable 175</u>	<u>DRIVER CONDITION DISTRAC</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - driv\_cond\_cd

DRIVER CONDITION CODE 8 - WAS DRIVER DISTRACTED?

2008	Prct	Code	Value and Description
519540	99.4	0	No- driver was not distracted
3137	0.6	1	Yes- driver was distracted

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---

Variable 176	<u>DRIVER CONDITION CELL PH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - driv\_cond\_cd

DRIVER CONDITION CODE 9 - WAS DRIVER USING A CELL PHONE?

2008 Prcnt	Code Value and Description
521760 99.8	0 No- driver was not using a cell phone
917 0.2	1 Yes- driver was using a cell phone

---

Variable 177	<u>DRIVER CONDITION UNKNOWN</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - driv\_cond\_cd

DRIVER CONDITION CODE 10 - WAS DRIVER CONDITION CODED UNKNOWN?

2008 Prcnt	Code Value and Description
496291 95.0	0 No- driver condition was not coded unknown
26386 5.0	1 Yes- driver condition was coded unknown

\*\*\*\*\*

---

Variable 179	<u>VIN-VEHICLE YEAR</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

---

TCRS Variable - vehc\_yr

2008 Prcnt	Code Value and Description
1 0.0	6
1 0.0	7
1 0.0	26
1 0.0	89
1 0.0	90
1 0.0	199
2 0.0	200
1 0.0	1916 1916
2 0.0	1928 1928
1 0.0	1929 1929
4 0.0	1931 1931
1 0.0	1932 1932
1 0.0	1933 1933
2 0.0	1934 1934
2 0.0	1935 1935
1 0.0	1936 1936
1 0.0	1937 1937
1 0.0	1938 1938
2 0.0	1939 1939
2 0.0	1940 1940
6 0.0	1941 1941

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Variable 179:VIN-VEHICLE YEAR (Continued)

2008	Prcnt	Code	Value	and Description
2	0.0	1942	1942	
1	0.0	1943	1943	
1	0.0	1944	1944	
6	0.0	1946	1946	
4	0.0	1947	1947	
10	0.0	1948	1948	
6	0.0	1949	1949	
6	0.0	1950	1950	
2	0.0	1951	1951	
1	0.0	1952	1952	
3	0.0	1953	1953	
6	0.0	1954	1954	
4	0.0	1955	1955	
9	0.0	1956	1956	
11	0.0	1957	1957	
2	0.0	1958	1958	
6	0.0	1959	1959	
4	0.0	1960	1960	
7	0.0	1961	1961	
12	0.0	1962	1962	
22	0.0	1963	1963	
17	0.0	1964	1964	
17	0.0	1965	1965	
28	0.0	1966	1966	
33	0.0	1967	1967	
27	0.0	1968	1968	
42	0.0	1969	1969	
43	0.0	1970	1970	
46	0.0	1971	1971	
64	0.0	1972	1972	
76	0.0	1973	1973	
63	0.0	1974	1974	
50	0.0	1975	1975	
68	0.0	1976	1976	
131	0.0	1977	1977	
186	0.0	1978	1978	
210	0.0	1979	1979	
153	0.0	1980	1980	
180	0.0	1981	1981	
231	0.0	1982	1982	
315	0.1	1983	1983	
569	0.1	1984	1984	
743	0.1	1985	1985	
1018	0.2	1986	1986	
1235	0.2	1987	1987	
2087	0.4	1988	1988	
2988	0.6	1989	1989	
3685	0.7	1990	1990	
4959	0.9	1991	1991	
7513	1.4	1992	1992	
9858	1.9	1993	1993	
13846	2.6	1994	1994	

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The Michigan Traffic Crash Facts Variables  
2008 - Vehicle/Driver

## Variable 179:VIN-VEHICLE YEAR (Continued)

	2008 Prcnt	Code	Value and Description
16556	3.2	1995	1995
17281	3.3	1996	1996
21497	4.1	1997	1997
24205	4.6	1998	1998
29328	5.6	1999	1999
30569	5.8	2000	2000
28717	5.5	2001	2001
34102	6.5	2002	2002
31419	6.0	2003	2003
28516	5.5	2004	2004
27904	5.3	2005	2005
30734	5.9	2006	2006
37227	7.1	2007	2007
26662	5.1	2008	2008
1896	0.4	2009	2009
85423	16.3	9999	Uncoded & errors

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 2008 - Truck

**The TRUCK Variables**

These variables describe the truck units involved in the accident. They are included in the Truck Vehicle and Truck Person data sets.

Variable 200	CDL GROUP TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

TCRS Variable - cdl\_grp\_cd

2008 Prcnt	Code	Value and Description
6817	1.3	1 A
1696	0.3	2 B
2717	0.5	3 C
1026	0.2	4 None
508336	97.3	8 Non-truck/ no data
2085	0.4	9 Uncoded & errors

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

TCRS Variable - driv\_licn\_type\_cd

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

CDL Placarded Hazardous Materials (H) endorsement

2008 Prcnt	Code	Value and Description
466906	89.3	0 Uncoded & errors
624	0.1	1 Yes
55147	10.6	8 Non-CDL vehicle/ no data

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---

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

TCRS Variable - driv\_licn\_type\_cd

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

CDL Tank Vehicles (N) endorsement

2008 Prcnt	Code Value and Description
466618 89.3	0 Uncoded & errors
912 0.2	1 Yes
55147 10.6	8 Non-CDL vehicle/ no data

---

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

TCRS Variable - driv\_licn\_type\_cd

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

CDL Passenger Vehicles (P) endorsement

2008 Prcnt	Code Value and Description
466478 89.2	0 Uncoded & errors
1052 0.2	1 Yes
55147 10.6	8 Non-CDL vehicle/ no data

---

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

TCRS Variable - driv\_licn\_type\_cd

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

CDL Double / Triple Trailers (T) endorsement

2008 Prcnt	Code Value and Description
466127 89.2	0 Uncoded & errors
1403 0.3	1 Yes
55147 10.6	8 Non-CDL vehicle/ no data

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---

<u>Variable 205</u>	<u>CDL X ENDORSEMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - driv\_licn\_type\_cd

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

CDL Double / Triple Trailers (X) endorsement

2008 Prcnt	Code Value and Description
467011 89.3	0 Uncoded & errors
519 0.1	1 Yes
55147 10.6	8 Non-CDL vehicle/ no data

---

<u>Variable 206</u>	<u>CDL BUS ENDORSEMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - driv\_licn\_type\_cd

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

CDL S endorsement

2008 Prcnt	Code Value and Description
466977 89.3	0 Uncoded & errors
553 0.1	1 Yes
55147 10.6	8 Non-CDL vehicle/ no data

---

<u>Variable 207</u>	<u>CDL EXEMPTION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - cdl\_exmp\_cd

2008 Prcnt	Code Value and Description
14160 2.7	0 Unknown
68 0.0	1 Farm
508336 97.3	8 Non-truck
113 0.0	9 Other

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---

<u>Variable 208</u>	<u>MEDICAL CARD PRESENTED</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - med\_card\_ind

2008	Prcnt	Code	Value and Description
2599	0.5	0	No
8438	1.6	1	Yes
508336	97.3	8	Non-truck/ no data
3304	0.6	9	Uncoded & errors

---

<u>Variable 209</u>	<u>CDL RESTRICTION 28</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - cdl\_rstr\_28\_ind

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

2008	Prcnt	Code	Value and Description
14290	2.7	0	Uncoded & errors
51	0.0	1	Yes
508336	97.3	8	Non-truck/ no data

---

<u>Variable 210</u>	<u>CDL RESTRICTION 29</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - cdl\_rstr\_29\_ind

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

2008	Prcnt	Code	Value and Description
14320	2.7	0	Uncoded & errors
21	0.0	1	Yes
508336	97.3	8	Non-truck/ no data

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---

<u>Variable 211</u>	<u>CDL RESTRICTION 30</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - cdl\_rstr\_30\_ind

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

2008	Prcnt	Code	Value and Description
14337	2.7	0	Uncoded & errors
4	0.0	1	Yes
508336	97.3	8	Non-truck/ no data

---

<u>Variable 212</u>	<u>CDL RESTRICTION 35</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - cdl\_rstr\_35\_ind

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

2008	Prcnt	Code	Value and Description
14341	2.7	0	Uncoded & errors
0	0.0	1	Yes
508336	97.3	8	Non-truck/ no data

---

<u>Variable 213</u>	<u>CDL RESTRICTION 36</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - cdl\_rstr\_36\_ind

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

2008	Prcnt	Code	Value and Description
14341	2.7	0	Uncoded & errors
0	0.0	1	Yes
508336	97.3	8	Non-truck/ no data

---

<u>Variable 214</u>	<u>SOURCE OF CARRIER INFO</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - carr\_name\_src\_cd

2008	Prcnt	Code	Value and Description
2037	0.4	0	Uncoded & errors

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## Variable 214:SOURCE OF CARRIER INFO (Continued)

2008	Prcnt	Code	Value and Description
7557	1.4	1	Papers
2255	0.4	2	Vehicle
257	0.0	3	Log book
2235	0.4	4	Driver
508336	97.3	8	Non-truck/ no data

---

Variable 215	INTER/INTRA STATE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - intr\_inta\_ind

2008	Prcnt	Code	Value and Description
8176	1.6	1	Interstate only
6165	1.2	2	Intrastate
508336	97.3	8	Non-truck/ no data

---

Variable 219	HAZMAT: PLACARD	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - hzrd\_matl\_plrd\_ind

Does the vehicle have a hazardous placard displayed?

2008	Prcnt	Code	Value and Description
14031	2.7	0	No placard
310	0.1	1	Placard present
508336	97.3	8	Non-truck/ no data

---

Variable 220	HAZMAT: SPILL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - hzrd\_matl\_spill\_ind

2008	Prcnt	Code	Value and Description
14311	2.7	0	No spill
30	0.0	1	Hazmat spill
508336	97.3	8	Non-truck/ no data

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<u>Variable 228</u>	<u>CARRIER STATE</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

TCRS Variable - carr\_st\_num Recoded from original text value  
shown in parentheses

2008	Prcnt	Code	Value and Description
UNITED STATES			
18	0.0	1	(AL) Alabama
2	0.0	2	(AK) Alaska
93	0.0	4	(AZ) Arizona
71	0.0	5	(AR) Arkansas
28	0.0	6	(CA) California
13	0.0	8	(CO) Colorado
0	0.0	9	(CT) Connecticut
7	0.0	10	(DE) Delaware
0	0.0	11	(DC) District of Columbia
73	0.0	12	(FL) Florida
102	0.0	13	(GA) Georgia
7	0.0	15	(HI) Hawaii
5	0.0	16	(ID) Idaho
443	0.1	17	(IL) Illinois
592	0.1	18	(IN) Indiana
80	0.0	19	(IA) Iowa
25	0.0	20	(KS) Kansas
25	0.0	21	(KY) Kentucky
9	0.0	22	(LA) Louisiana
10	0.0	23	(ME) Maine
19	0.0	24	(MD) Maryland
12	0.0	25	(MA) Massachusetts
8807	1.7	26	(MI) Michigan
78	0.0	27	(MN) Minnesota
10	0.0	28	(MS) Mississippi
99	0.0	29	(MO) Missouri
4	0.0	30	(MT) Montana
99	0.0	31	(NE) Nebraska
0	0.0	32	(NV) Nevada
3	0.0	33	(NH) New Hampshire
71	0.0	34	(NJ) New Jersey
4	0.0	35	(NM) New Mexico
35	0.0	36	(NY) New York
47	0.0	37	(NC) North Carolina
12	0.0	38	(ND) North Dakota
524	0.1	39	(OH) Ohio
114	0.0	40	(OK) Oklahoma
6	0.0	41	(OR) Oregon
137	0.0	42	(PA) Pennsylvania
1	0.0	44	(RI) Rhode Island
12	0.0	45	(SC) South Carolina
11	0.0	46	(SD) South Dakota
132	0.0	47	(TN) Tennessee
113	0.0	48	(TX) Texas
12	0.0	49	(UT) Utah
2	0.0	50	(VT) Vermont
28	0.0	51	(VA) Virginia

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## Variable 228:CARRIER STATE (Continued)

2008	Prcnt	Code	Value and Description
15	0.0	53	(WA) Washington
3	0.0	54	(WV) West Virginia
199	0.0	55	(WI) Wisconsin
0	0.0	56	(WY) Wyoming
US TERRITORY			
0	0.0	60	(AS) American Samoa
0	0.0	61	(PZ) Panama Canal Zone
0	0.0	64	(FM) Federated States of Micronesia
0	0.0	66	(GU) Guam
0	0.0	69	(MP) Northern Mariana Islands
0	0.0	70	(PW) Palau
0	0.0	72	(PR) Puerto Rico
0	0.0	74	(UM) US Minor Outlying Islands
3	0.0	75	(MH) Marshall Islands
0	0.0	78	(VI) Virgin Islands
0	0.0	79	(WK) Wake Island
CANADA			
11	0.0	101	(AB) Alberta
3	0.0	102	(BC) British Columbia
22	0.0	103	(MB) Manitoba
11	0.0	104	(NB) New Brunswick
0	0.0	105	(NF) Newfoundland and Labrador
0	0.0	106	(NT) Northwest Territories
2	0.0	107	(NS) Nova Scotia
491	0.1	108	(ON) Ontario
0	0.0	109	(PE) Prince Edward Island
72	0.0	110	(PQ/QC) Quebec
2	0.0	111	(SK) Saskatchewan
0	0.0	112	(YT) Yukon Territory
0	0.0	113	(NU) Nunavut
MEXICO			
0	0.0	201	(AG) Aguascalientes
0	0.0	202	(BN) Baja Calif (Territory North)
0	0.0	203	(BS) Baja Calif (Territory South)
0	0.0	204	(CP) Campeche
0	0.0	205	(CS) Chiapas
0	0.0	206	(CI) Chihuahua
1	0.0	207	(CH) Coahuila de Zaragoza
0	0.0	208	(CL) Colima
0	0.0	209	(DF) Distrito Federal
0	0.0	210	(DG) Durango
0	0.0	211	(GJ) Guanajuato
0	0.0	212	(GE) Guerrero
0	0.0	213	(HD) Hidalgo
0	0.0	214	(JA) Jalisco
0	0.0	215	(MX) Mexico (State)
0	0.0	216	(MC) Michoacan de Ocampo
1	0.0	217	(MR) Morelos
0	0.0	218	(NA) Nayarit

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2008 - Truck

Variable 228:CARRIER STATE (Continued)

2008	Prcnt	Code	Value and Description
0	0.0	219	(NL) Nuevo Leon
0	0.0	220	(OA) Oaxace
0	0.0	221	(PU) Puebla
0	0.0	222	(QE) Queretaro de Arteaga
0	0.0	223	(QI) Quintana Roo
0	0.0	224	(SL) San Luis Potosi
0	0.0	225	(SI) Sinaloa
0	0.0	226	(SO) Sonora
0	0.0	227	(TB) Tabasco
0	0.0	228	(TA) Tamaulipas
0	0.0	229	(TL) Tlaxcala
0	0.0	230	(VC) Veracruz-Llave
0	0.0	231	(YU) Yucatan
0	0.0	232	(ZA) Zacatecas
INTERNATIONAL			
0	0.0	301	(BZ) Belize
0	0.0	302	(CZ) Canal Zone
0	0.0	303	(CR) Costa Rica
0	0.0	304	(ES) El Salvador
0	0.0	305	(GT) Guatemala
0	0.0	306	(HO) Honduras
1	0.0	307	(XX) International
1	0.0	308	(NI) Nicaragua
0	0.0	309	(PN) Panama
UNKNOWN			
509844	97.5	9999	(UK) Unknown

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**The PERSON Variables**

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

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

TCRS Variable - unit\_num

2008	Prct	Code	Value and Description
363285	60.0	1	Unit 1
223522	36.9	2	Unit 2
16085	2.7	3	Unit 3
2339	0.4	4	Unit 4
384	0.1	5	Unit 5
110	0.0	6	Unit 6
36	0.0	7	Unit 7
18	0.0	8	Unit 8
10	0.0	9	Unit 9
3	0.0	10	Unit 10
2	0.0	11	Unit 11
1	0.0	12	Unit 12
1	0.0	13	Unit 13
1	0.0	14	Unit 14
1	0.0	15	Unit 15
1	0.0	16	Unit 16
1	0.0	17	Unit 17
3	0.0	18	Unit 18
1	0.0	19	Unit 19
1	0.0	20	Unit 20
1	0.0	21	Unit 21
1	0.0	22	Unit 22
1	0.0	23	Unit 23
1	0.0	24	Unit 24
1	0.0	25	Unit 25
1	0.0	26	Unit 26
1	0.0	27	Unit 27
1	0.0	28	Unit 28
1	0.0	29	Unit 29
3	0.0	30	Unit 30
2	0.0	31	Unit 31
1	0.0	32	Unit 32
1	0.0	33	Unit 33
1	0.0	34	Unit 34
2	0.0	35	Unit 35
1	0.0	36	Unit 36
1	0.0	37	Unit 37
1	0.0	38	Unit 38

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## Variable 300:UNIT NUMBER (Continued)

2008	Prcnt	Code	Value and Description
2	0.0	39	Unit 39
1	0.0	40	Unit 40
1	0.0	41	Unit 41
1	0.0	42	Unit 42
1	0.0	43	Unit 43
1	0.0	44	Unit 44
1	0.0	45	Unit 45
1	0.0	46	Unit 46
1	0.0	47	Unit 47
1	0.0	48	Unit 48
1	0.0	49	Unit 49
1	0.0	50	Unit 50
1	0.0	51	Unit 51
1	0.0	52	Unit 52
1	0.0	53	Unit 53
1	0.0	54	Unit 54
1	0.0	55	Unit 55
2	0.0	56	Unit 56

---

Variable 301	PARTY TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

## TCRS Variable - prty\_typ

2008	Prcnt	Code	Value and Description
518240	85.5	1	Motor vehicle driver
17623	2.9	2	Injured passenger
65547	10.8	3	Uninjured passenger
2072	0.3	4	Bicyclist
2311	0.4	5	Pedestrian
54	0.0	6	Train engineer

---

Variable 302	PERSON POSITION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

## TCRS Variable - pos\_cd

2008	Prcnt	Code	Value and Description
473242	78.1	1	Left side front (driver)/ in-line vehicle driver
647	0.1	2	Front middle
13732	2.3	3	Front right
2702	0.4	4	2nd row left- in-line vehicle passenger #1
820	0.1	5	2nd row middle
2711	0.4	6	2nd row right
399	0.1	7	3rd row left- in-line vehicle passenger #2
159	0.0	8	3rd row middle

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Variable 302: PERSON POSITION (Continued)

2008	Prcnt	Code	Value and Description
425	0.1	9	3rd row right
17	0.0	10	In sleeper section
185	0.0	11	Other enclosed passenger area / cargo area
62	0.0	12	Other unenclosed passenger area / cargo area
19	0.0	13	Riding in/on trailing unit
29	0.0	14	Riding on vehicle exterior
587	0.1	15	Unknown
2072	0.3	50	(B) Bicyclist
55	0.0	51	(E) Engineer
2311	0.4	52	(P) Pedestrian
105673	17.4	99	Uncoded & errors

---

Variable 303	<u>PERSON RESTRAINT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

TCRS Variable - rstr\_use\_cd

2008	Prcnt	Code	Value and Description
3394	0.6	1	No belts available
695	0.1	2	Shoulder belt only used
1526	0.3	3	Lap belt only used
460754	76.1	4	Both lap & shoulder belts used
4720	0.8	5	No belts used
1455	0.2	6	Child restraint used
378	0.1	7	Child restraint not used/ unavailable or improper use
133	0.0	8	Restraint failure
17702	2.9	9	Restraint use unknown
4135	0.7	10	Helmet worn
937	0.2	11	Helmet not worn
237	0.0	12	Helmet use unknown
109781	18.1	99	Uncoded & errors

---

Variable 304	<u>PERSON AIRBAG DEPLOYED</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - ab\_depl\_cd

2008	Prcnt	Code	Value and Description
88470	14.6	0	Uncoded & errors
43097	7.1	1	Deployed
425434	70.2	2	Not deployed
48846	8.1	3	Not equipped

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The Michigan Traffic Crash Facts Variables  
2008 - Person

---

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

---

## TCRS Variable - prty\_ejct\_ind

2008	Prcnt	Code	Value and Description
604187	99.7	0	Not ejected
1660	0.3	1	Ejected

---

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

---

## TCRS Variable - prty\_trap\_ind

2008	Prcnt	Code	Value and Description
603534	99.6	0	Not trapped
2313	0.4	1	Trapped

---

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

---

## TCRS Variable - prty\_age

Ages less than zero or greater than 110 are coded DOB bad

2008	Prcnt	Code	Value and Description
1161	0.2	0	Less than 1 year old
266	0.0	1	1 year old
244	0.0	2	2 years old
269	0.0	3	3 years old
329	0.1	4	4 years old
290	0.0	5	5 years old
349	0.1	6	6 years old
346	0.1	7	7 years old
363	0.1	8	8 years old
423	0.1	9	9 years old
451	0.1	10	10 years old
463	0.1	11	11 years old
512	0.1	12	12 years old
589	0.1	13	13 years old
764	0.1	14	14 years old
1587	0.3	15	15 years old
10732	1.8	16	16 years old
14830	2.4	17	17 years old
17169	2.8	18	18 years old
15569	2.6	19	19 years old
14478	2.4	20	20 years old
13670	2.3	21	21 years old
12663	2.1	22	22 years old

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2008 - Person

Variable 308:PERSON AGE (Continued)

2008	Prcnt	Code	Value and Description
11840	2.0	23	23 years old
10786	1.8	24	24 years old
10547	1.7	25	25 years old
10325	1.7	26	26 years old
9941	1.6	27	27 years old
9604	1.6	28	28 years old
9073	1.5	29	29 years old
8961	1.5	30	30 years old
8781	1.4	31	31 years old
8270	1.4	32	32 years old
8425	1.4	33	33 years old
8284	1.4	34	34 years old
8539	1.4	35	35 years old
8891	1.5	36	36 years old
9593	1.6	37	37 years old
9285	1.5	38	38 years old
9023	1.5	39	39 years old
8787	1.5	40	40 years old
9025	1.5	41	41 years old
8960	1.5	42	42 years old
9318	1.5	43	43 years old
9523	1.6	44	44 years old
9378	1.5	45	45 years old
9535	1.6	46	46 years old
9459	1.6	47	47 years old
9007	1.5	48	48 years old
8843	1.5	49	49 years old
8922	1.5	50	50 years old
8905	1.5	51	51 years old
8436	1.4	52	52 years old
8074	1.3	53	53 years old
7705	1.3	54	54 years old
7198	1.2	55	55 years old
7023	1.2	56	56 years old
6503	1.1	57	57 years old
6330	1.0	58	58 years old
5956	1.0	59	59 years old
5644	0.9	60	60 years old
5677	0.9	61	61 years old
4162	0.7	62	62 years old
3818	0.6	63	63 years old
3715	0.6	64	64 years old
3831	0.6	65	65 years old
3350	0.6	66	66 years old
2894	0.5	67	67 years old
2619	0.4	68	68 years old
2329	0.4	69	69 years old
2304	0.4	70	70 years old
2070	0.3	71	71 years old
1945	0.3	72	72 years old
1908	0.3	73	73 years old
1700	0.3	74	74 years old

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## Variable 308: PERSON AGE (Continued)

2008	Prcnt	Code	Value and Description
1717	0.3	75	75 years old
1545	0.3	76	76 years old
1610	0.3	77	77 years old
1499	0.2	78	78 years old
1410	0.2	79	79 years old
1293	0.2	80	80 years old
1230	0.2	81	81 years old
1073	0.2	82	82 years old
918	0.2	83	83 years old
858	0.1	84	84 years old
702	0.1	85	85 years old
630	0.1	86	86 years old
501	0.1	87	87 years old
396	0.1	88	88 years old
274	0.0	89	89 years old
212	0.0	90	90 years old
184	0.0	91	91 years old
96	0.0	92	92 years old
67	0.0	93	93 years old
42	0.0	94	94 years old
33	0.0	95	95 years old
24	0.0	96	96 years old
16	0.0	97	97 years old
4	0.0	98	98 years old
10	0.0	99	99 years old
2	0.0	100	100 years old
2	0.0	101	101 years old
0	0.0	102	102 years old
3	0.0	103	103 years old
1	0.0	104	104 years old
1	0.0	105	105 years old
2	0.0	106	106 years old
2	0.0	107	107 years old
2	0.0	108	108 years old
0	0.0	109	109 years old
0	0.0	110	110 years old
106950	17.7	999	DOB invalid

---

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

---

## TCRS Variable - gndr\_cd

2008	Prcnt	Code	Value and Description
293857	48.5	1	Male
245126	40.5	2	Female
66864	11.0	9	Uncoded & errors

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The Michigan Traffic Crash Facts Variables  
2008 - Person

---

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

---

TCRS Variable - Injy\_svty\_cd

PERSON DEGREE OF INJURY

2008	Prcnt	Code	Value and Description
71795	11.9	0	Uncoded & errors
980	0.2	1	Killed
6725	1.1	2	Incapacitating injury
16837	2.8	3	Nonincapacitating injury
51006	8.4	4	Possible
458504	75.7	5	No injury

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