

Transportation Data Center  
Data Set Codebook

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The University of Michigan  
Transportation Research Institute



STATE OF MICHIGAN  
2010 MOTOR VEHICLE CRASH CODEBOOK

INTRODUCTION

This codebook documents data sets describing motor vehicle crashes that occurred in the State of Michigan during calendar year 2010. The data sets were developed by the Transportation Data Center at the University of Michigan's Transportation Research Institute from data supplied by the Michigan State Police. The cooperation of that agency is gratefully acknowledged.

Three separate data sets have been built from the original Motor Vehicle Accident data supplied by the state and they contain all reportable traffic crashes submitted to the MSP.

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

2010 MICHIGAN DATA SETS

CATEGORY	KEY	VARIABLES	CASES
Census	MIC10ACC	1-79, 84-87	282,075
	MIC10VEH	1-79, 84-87, 100-180, 200-228,250-270	473,306
	MIC10OCC	1-79, 84-87, 100-180, 200-228,250-270, 300-311	547,767

The three distinct formats: an Accident data set, a Vehicle data set, and an Occupant/Person data set are described below.

- 1) The Accident data set (described by variables 1 through 79, 84 through 87) includes one record for each crash. General crash information not specific to any vehicle or its occupants is found in this data set (e.g., time of day, accident type, etc.).
- 2) The Vehicle data set (described by variables 1 through 79, 84 through 87, and 100 through 270) includes one record for every "traffic unit" (motor vehicles, pedestrians, parked cars, pedalcyclists, etc.) involved in the crash. Variables 100 through 180 describe specific characteristics of the traffic unit, while 1 through 79, 84 through 87 repeat the accident description. The truck data variables (described by variables 200 through 228) include information for every supplemental truck record when present. Variables 250 through 270 describe the vehicle according to a decode of its Vehicle Identification Number. This data was derived using the VINDICATOR program from the Highway Loss Data Institute.
- 3) The Occupant/Person data set (described by variables 1 through 79, 84 through 87, 100 through 270, and 300 through 311) includes one record for every person involved in the crash. Uninjured, non-driver occupants are known to be underrepresented as they are not required to be reported by MSP protocol. Variables 300 through 311 describe specific characteristics of the person, while 1 through 79, and 100 through 270, repeat the accident and traffic unit descriptions.

This codebook documents the variable names and code values for all the individual Michigan data sets along with the univariate frequency counts and percentages for each variable. In using the univariate frequencies, the following convention should be noted: frequencies for variables 1 through 79, 84 through 87 were derived from the Accidnet data set; frequencies for variables 100 through 270 were derived from the Vehicle data set; and frequencies for variables 300 through 311 were derived from the Occupant/Person data set.

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

While every effort has been made to provide accurate, reliable data, inconsistencies may arise from the source data or from the reformatting procedures used. Consequently, the Data Center cannot guarantee the accuracy of the data but will try to resolve any discrepancies that are found. Any comments or suggestions concerning the data or the codebook may be made by calling the Data Center at (734) 763-3230 or by emailing TDC-UMTRI@umich.edu.

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



STATE OF MICHIGAN  
2010 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
1	TDC-UMTRI CASE NUMBER	6	Numeric	1
2	CRASH MONTH	2	Numeric	1
3	CRASH DAY	2	Numeric	1
4	CRASH YEAR	4	Numeric	2
5	TIME OF DAY	2	Numeric	2
6	WEEK OF YEAR	2	Numeric	3
7	JULIAN DAY FROM 03-01-00	5	Numeric	4
8	DAY OF WEEK	1	Numeric	4
9	HOUR OF WEEK	3	Numeric	5
10	COUNTY	2	Numeric	8
11	CITY OR TOWNSHIP	2	Numeric	10
12	CONTROL SECTION	1	Numeric	10
13	HIGHWAY CLASS	1	Numeric	11
14	HIGHWAY NUMBER	3	Numeric	11
15	HIGHWAY CONTROL SECTION	5	Numeric	14
16	CONTROL SECTION MLPT	6	Numeric	14
17	LOCATION FLAG	1	Numeric	15
18	LOCATION ERROR	2	Numeric	15
19	ORIGINAL DIRECTION	2	Numeric	15
20	NUMBER OF TRAFFIC LANES	2	Numeric	16
21	RELATION TO ROADWAY	1	Numeric	16
22	AREA OF ROAD AT CRASH	2	Numeric	16
23	ROAD CONDITIONS	1	Numeric	17
24	SPEED LIMIT AT CRASHSITE	2	Numeric	17
25	POSTED SPEED LIMIT	1	Numeric	18
26	TRAFFIC CONTROL	1	Numeric	18
27	TRAFFICWAY	1	Numeric	18
28	ACCESS CONTROL	1	Numeric	19
29	CONSTRUCTION TYPE	1	Numeric	19
30	CONSTRUCTION LANE CLOSED	1	Numeric	19
31	CONSTRUCTION ACTIVITY	1	Numeric	20
32	WEATHER	1	Numeric	20
33	LIGHT	1	Numeric	20
34	CRASH TYPE	2	Numeric	21
35	CRASH INVESTGTD AT SCENE	1	Numeric	21
36	COMPLAINT STATUS	1	Numeric	21
37	TRAFFIC UNIT MIX	2	Numeric	21
38	TOTAL UNITS REPORTED	3	Numeric	22
39	TOTAL MOTOR VEHICLES	3	Numeric	23
40	NUMBER TRUCK SUPPL FORMS	2	Numeric	23
41	CRASH:SPECIAL LOCAL STDY	1	Numeric	23
42	CRASH:SPECIAL STATE STDY	1	Numeric	24
43	CRASH:NO SPECIAL CIRCUMS	1	Numeric	24
44	CRASH: HIT-AND-RUN	1	Numeric	24
45	CRASH: FLEEING/PURSUIING	1	Numeric	24
46	CRASH: DEER INVOLV/ASSOC	1	Numeric	25
47	CRASH: SCHOOL BUS	1	Numeric	25
48	CRASH: HOLIDAY CRASH	1	Numeric	25
49	CRASH: DRINKING	1	Numeric	26
50	CRASH: DRUG USE	1	Numeric	26

STATE OF MICHIGAN  
2010 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
51	CRASH: PEDESTRIAN	1	Numeric	26
52	CRASH: NMT REC PRESENT	1	Numeric	26
53	CRASH: BICYCLIST	1	Numeric	27
54	CRASH: SNOWMOBILE	1	Numeric	27
55	CRASH: MOTORCYCLE	1	Numeric	27
56	CRASH: ORV	1	Numeric	27
57	CRASH: FARM EQUIPMENT	1	Numeric	28
58	CRASH: TRAIN	1	Numeric	28
59	CRASH: TRUCK OR BUS	1	Numeric	28
60	CRASH: EMERGENCY VEHICLE	1	Numeric	28
61	CRASH: NONTRAFFIC CRASH	1	Numeric	29
62	CRASH: PROPERTY DAMAGE	1	Numeric	29
63	CRASH: INJURY CRASH	1	Numeric	29
64	CRASH: FATAL CRASH	1	Numeric	29
65	PUBLIC PROPERTY DAMAGED	1	Numeric	30
66	TOTAL OCCUPANTS IN CRASH	3	Numeric	30
67	WORST INJURY IN CRASH	1	Numeric	31
68	NUMBER FATAL IN CRASH	2	Numeric	32
69	TOTAL A-INJURED IN CRASH	3	Numeric	32
70	TOTAL B-INJURED IN CRASH	3	Numeric	32
71	TOTAL C-INJURED IN CRASH	3	Numeric	33
72	TOTAL INJURED IN CRASH	3	Numeric	33
73	TOTAL CASUALTIES - CRASH	3	Numeric	33
74	FRAMEWORK VERSION	2	Alphabetic	34
75	GPS X COORDINATE	17	Alphabetic	34
76	GPS Y COORDINATE	17	Alphabetic	34
77	MDOT REGION	1	Numeric	34
78	MDOT AREA TYPE	1	Numeric	35
79	MDOT CRASH TYPE	2	Numeric	35
84	CRASH: LANE DEPARTURE	1	Numeric	35
85	CRASH: INTERSECTION	1	Numeric	36
86	CRASH: YOUNG DRIVER	2	Numeric	36
87	CRASH: ELDERLY DRIVER	2	Numeric	36



STATE OF MICHIGAN  
2010 - Vehicle/Driver

Variable Number	Variable Name	Width	Storage Type	Page Number
100	UNIT NUMBER	2	Numeric	37
101	VEHICLE TYPE	2	Numeric	37
102	TRAFFIC UNIT TYPE	1	Numeric	38
103	CDL TRUCK TYPE	2	Numeric	38
104	CDL CARGO BODY TYPE	2	Numeric	39
105	SPECIAL VEHICLE	1	Numeric	39
106	VEHICLE USE	2	Numeric	40
107	VEHICLE DEFECT	1	Numeric	40
108	NONCOMM TRAILER CONFIG	1	Numeric	40
109	REGISTRATION STATE	4	Numeric	41
110	FIRST IMPACT POINT	2	Numeric	43
111	WORST IMPACT POINT	2	Numeric	43
112	EXTENT OF DAMAGE	1	Numeric	44
113	DRIVEABLE AFTER CRASH	1	Numeric	44
114	ACTION PRIOR TO CRASH	2	Numeric	44
115	DIRECTION OF TRAVEL	1	Numeric	45
116	SEQUENCE OF EVENTS #1	2	Numeric	46
117	SEQUENCE OF EVENTS #2	2	Numeric	47
118	SEQUENCE OF EVENTS #3	2	Numeric	48
119	SEQUENCE OF EVENTS #4	2	Numeric	49
120	EVENT 1 MOST HARMFUL	1	Numeric	51
121	EVENT 2 MOST HARMFUL	1	Numeric	51
122	EVENT 3 MOST HARMFUL	1	Numeric	51
123	EVENT 4 MOST HARMFUL	1	Numeric	51
124	MOST HARMFUL EVENT	2	Numeric	52
125	HAZARDOUS ACTION	2	Numeric	53
126	DRIVER HAZARDOUS CITATN	1	Numeric	53
127	DRIVER OTHER CITATION	1	Numeric	54
128	DRIVER DRINKING	1	Numeric	54
129	REFUSAL INFORMATION- ALC	1	Numeric	54
130	FIELD SOBRIETY TEST- ALC	1	Numeric	54
131	PBT TEST - ALCOHOL	1	Numeric	54
132	BREATHALYZER TEST	1	Numeric	55
133	URINE TEST - ALCOHOL	1	Numeric	55
134	BLOOD TEST - ALCOHOL	1	Numeric	55
135	TEST OFFERED-ALCOHOL	1	Numeric	55
136	TEST RESULT - ALCOHOL	3	Numeric	56
137	IGNITION INTERLOCK	1	Numeric	57
138	DRUGS SUSPECTED	1	Numeric	57
139	BLOOD TEST - DRUG	1	Numeric	57
140	URINE TEST - DRUG	1	Numeric	58
141	TEST RESULT - DRUG	3	Numeric	58
142	TOTAL OCCUPANTS IN UNIT	2	Numeric	59
143	NUMBER OF FATALS IN UNIT	3	Numeric	61
144	NUMBER OF INJURIES- UNIT	3	Numeric	61
145	WORST INJURY IN VEHICLE	1	Numeric	61
146	TOTAL KILLED IN VEHICLE	2	Numeric	62
147	TU TOTAL A INJURED - VEH	2	Numeric	62
148	TU TOTAL B INJURED - VEH	2	Numeric	62
149	TU TOTAL C INJURED - VEH	2	Numeric	63

STATE OF MICHIGAN  
2010 - Vehicle/Driver

Variable Number	Variable Name	Width	Storage Type	Page Number
150	TOTAL INJURED IN VEHICLE	2	Numeric	63
151	TOTAL CASUALTIES IN VEH	2	Numeric	64
152	TOTAL UNINJURED IN UNIT	2	Numeric	64
153	TDC TOTL OCC RECS FOR TU	2	Numeric	65
154	DRIVER POSITION	2	Numeric	66
155	DRIVER RESTRAINT	2	Numeric	66
156	DRIVER AIRBAG	1	Numeric	67
157	DRIVER EJECTION	1	Numeric	67
158	DRIVER TRAPPED	1	Numeric	67
159	DRIVER LICENSE STATE	4	Numeric	67
160	LICENSE TYPE	1	Numeric	69
161	LICENSE TYPE - CYCLE	1	Numeric	69
162	LICENSE TYPE - FARM	1	Numeric	70
163	LICENSE-RECREATIONAL DBL	1	Numeric	70
164	DRIVER BIRTH DATE	8	Numeric	70
165	DRIVER AGE	3	Numeric	70
166	DRIVER GENDER	1	Numeric	73
167	DRIVER DEGREE OF INJURY	1	Numeric	73
168	DRIVER CONDITION NORMAL	2	Numeric	73
169	DRIVER CONDITION ALCOHOL	2	Numeric	73
170	DRIVER CONDITION DRUGS	2	Numeric	74
171	DRIVER CONDITION SICK	2	Numeric	74
172	DRIVER CONDITION FATIGUE	2	Numeric	74
173	DRIVER CONDITION ASLEEP	2	Numeric	74
174	DRIVER CONDITION MEDICIN	2	Numeric	75
175	DRIVER CONDITION DISTRAC	2	Numeric	75
176	DRIVER CONDITION CELL PH	2	Numeric	75
177	DRIVER CONDITION UNKNOWN	2	Numeric	75
178	VIN	17	Alphabetic	76
179	VIN - VEHICLE YEAR	4	Numeric	76
180	VIN - MAKE	15	Alphabetic	78

STATE OF MICHIGAN  
2010 - Truck

Variable Number	Variable Name	Width	Storage Type	Page Number
200	CDL GROUP TYPE	1	Numeric	79
201	CDL H ENDORSEMENT	1	Numeric	79
202	CDL N ENDORSEMENT	1	Numeric	80
203	CDL P ENDORSEMENT	1	Numeric	80
204	CDL T ENDORSEMENT	1	Numeric	80
205	CDL X ENDORSEMENT	1	Numeric	81
206	CDL BUS ENDORSEMENT	1	Numeric	81
207	CDL EXEMPTION	1	Numeric	81
208	MEDICAL CARD PRESENTED	1	Numeric	82
209	CDL RESTRICTION 28	1	Numeric	82
210	CDL RESTRICTION 29	1	Numeric	82
211	CDL RESTRICTION 30	1	Numeric	83
212	CDL RESTRICTION 35	1	Numeric	83
213	CDL RESTRICTION 36	1	Numeric	83
214	SOURCE OF CARRIER INFO	1	Numeric	83
215	INTER/INTRA STATE	1	Numeric	84
216	GROSS VEH WEIGHT RATING	6	Numeric	84
217	HAZMAT: TYPE	4	Numeric	84
218	HAZMAT: CLASS	2	Numeric	85
219	HAZMAT: PLACARD	1	Numeric	85
220	HAZMAT: SPILL	1	Numeric	85
221	TYPE & AXLES - 1ST UNIT	2	Alphabetic	85
222	TYPE & AXLES - 2ND UNIT	2	Alphabetic	86
223	TYPE & AXLES - 3RD UNIT	2	Alphabetic	86
224	TYPE & AXLES - 4TH UNIT	2	Alphabetic	86
225	ICC NUMBER	8	Alphabetic	86
226	USDOT NUMBER	12	Alphabetic	86
227	MPSC NUMBER	12	Alphabetic	87
228	CARRIER STATE	4	Numeric	87



STATE OF MICHIGAN  
2010 - Vehicle/VIN

Variable Number	Variable Name	Width	Storage Type	Page Number
250	VINDICATOR - IERR	2	Numeric	89
251	VINDICATOR - ALTSW	1	Numeric	89
252	VINDICATOR - YEAR	4	Numeric	89
253	VINDICATOR - MAKE	2	Numeric	90
254	VINDICATOR - MAKE/MODEL	8	Numeric	91
255	VINDICATOR - BODY	2	Numeric	177
256	VINDICATOR - VEHTP	1	Numeric	178
257	VINDICATOR - SIZE	1	Numeric	178
258	VINDICATOR - STYLE CLASS	2	Numeric	178
259	VINDICATOR - WEIGHT	4	Numeric	179
260	VINDICATOR - WHLBS	4	Numeric	179
261	VINDICATOR - LENGTH	4	Numeric	179
262	VINDICATOR - WIDTH	4	Numeric	179
263	VINDICATOR - HEIGHT	4	Numeric	180
264	VINDICATOR - RSTN	1	Numeric	180
265	VINDICATOR - ATD / DRL	25	Alphabetic	180
266	VINDICATOR - MINHP	3	Numeric	180
267	VINDICATOR - MAXHP	3	Numeric	181
268	VINDICATOR - ABS	3	Numeric	181
269	VINDICATOR - TRANS	2	Numeric	183
270	VINDICATOR - ENGINE	3	Numeric	184



STATE OF MICHIGAN  
2010 - Occupant/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	185
301	PARTY TYPE	1	Numeric	185
302	PERSON POSITION	2	Numeric	185
303	PERSON RESTRAINT	2	Numeric	186
304	PERSON AIRBAG DEPLOYED	1	Numeric	186
305	PERSON EJECTION	1	Numeric	187
306	PERSON TRAPPED	1	Numeric	187
307	BIRTH DATE	8	Numeric	187
308	PERSON AGE	3	Numeric	187
309	PERSON GENDER	1	Numeric	190
310	PERSON DEGREE OF INJURY	1	Numeric	190
311	AMBULANCE CODE	6	Alphabetic	190





The ACCIDENT Variables

Variables 1-79, 84-87 describe the crash. They are included in the Accident, Vehicle, and Occupant/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	CRASH MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - cmonth

2010 Prcnt		Code	Value and Description
24669	8.7	1	January
26698	9.5	2	February
18014	6.4	3	March
17752	6.3	4	April
21576	7.6	5	May
21978	7.8	6	June
20515	7.3	7	July
20064	7.1	8	August
22458	8.0	9	September
27326	9.7	10	October
27185	9.6	11	November
33840	12.0	12	December

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

TCRS Variable - cday

2010 Prcnt		Code	Value and Description
10347	3.7	1	1st
10386	3.7	2	2nd
9267	3.3	3	3rd
9236	3.3	4	4th
9281	3.3	5	5th
8533	3.0	6	6th
9341	3.3	7	7th
9518	3.4	8	8th
10378	3.7	9	9th
9538	3.4	10	10th

## Variable 3:CRASH DAY (Continued)

2010	Prcnt	Code	Value and Description
9268	3.3	11	11th
10220	3.6	12	12th
10838	3.8	13	13th
9256	3.3	14	14th
9168	3.3	15	15th
9437	3.3	16	16th
8728	3.1	17	17th
8382	3.0	18	18th
8609	3.1	19	19th
8543	3.0	20	20th
8346	3.0	21	21st
11098	3.9	22	22nd
8862	3.1	23	23rd
8837	3.1	24	24th
8364	3.0	25	25th
9591	3.4	26	26th
8829	3.1	27	27th
8917	3.2	28	28th
8276	2.9	29	29th
8422	3.0	30	30th
4259	1.5	31	31st

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

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## TCRS Variable - nyear

2010	Prcnt	Code	Value and Description
282075	100.0	2010	2010

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

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## TCRS Variable - nhour

2010	Prcnt	Code	Value and Description
5288	1.9	0	12:00 midnight - 1:00 AM
4514	1.6	1	1:00 AM - 2:00 AM
4661	1.7	2	2:00 AM - 3:00 AM
3386	1.2	3	3:00 AM - 4:00 AM
3219	1.1	4	4:00 AM - 5:00 AM
5628	2.0	5	5:00 AM - 6:00 AM
9511	3.4	6	6:00 AM - 7:00 AM
15969	5.7	7	7:00 AM - 8:00 AM
12849	4.6	8	8:00 AM - 9:00 AM
10731	3.8	9	9:00 AM - 10:00 AM

Variable 5:TIME OF DAY (Continued)

2010	Prcnt	Code	Value and Description
10882	3.9	10	10:00 AM - 11:00 AM
12639	4.5	11	11:00 AM - 12:00 noon
15077	5.3	12	12:00 noon - 1:00 PM
14571	5.2	13	1:00 PM - 2:00 PM
17179	6.1	14	2:00 PM - 3:00 PM
20671	7.3	15	3:00 PM - 4:00 PM
19850	7.0	16	4:00 PM - 5:00 PM
21711	7.7	17	5:00 PM - 6:00 PM
18592	6.6	18	6:00 PM - 7:00 PM
14610	5.2	19	7:00 PM - 8:00 PM
12153	4.3	20	8:00 PM - 9:00 PM
11563	4.1	21	9:00 PM - 10:00 PM
9118	3.2	22	10:00 PM - 11:00 PM
7020	2.5	23	11:00 PM - 12:00 midnight
683	0.2	99	Unknown

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

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TCRS Variable - weekyr

2010	Prcnt	Code	Value and Description
7217	2.6	1	January 1 - January 7
6189	2.2	2	January 8 - January 14
4243	1.5	3	January 15 - January 21
5032	1.8	4	January 22 - January 28
6561	2.3	5	January 29 - February 4
6880	2.4	6	February 5 - February 11
4873	1.7	7	February 12 - February 18
7344	2.6	8	February 19 - February 25
5543	2.0	9	February 26 - March 3
4184	1.5	10	March 4 - March 10
4151	1.5	11	March 11 - March 17
3761	1.3	12	March 18 - March 24
4077	1.4	13	March 25 - March 31
3904	1.4	14	April 1 - April 7
3994	1.4	15	April 8 - April 15
4013	1.4	16	April 16 - April 21
4394	1.6	17	April 22 - April 28
4777	1.7	18	April 29 - May 5
4782	1.7	19	May 6 - May 12
4813	1.7	20	May 13 - May 19
5189	1.8	21	May 20 - May 26
5276	1.9	22	May 27 - June 2
5110	1.8	23	June 3 - June 9
4749	1.7	24	June 10 - June 16
5267	1.9	25	June 17 - June 23
5122	1.8	26	June 24 - June 30
4829	1.7	27	July 1 - July 7

## Variable 6:WEEK OF YEAR (Continued)

2010 Prcnt	Code	Value and Description
4523	1.6	28 July 8 - July 14
4495	1.6	29 July 15 - July 21
4644	1.6	30 July 22 - July 28
4444	1.6	31 July 29 - August 4
4500	1.6	32 August 5 - August 11
4463	1.6	33 August 12 - August 18
4597	1.6	34 August 19 - August 25
4987	1.8	35 August 26 - September 1
4620	1.6	36 September 2 - September 8
5519	2.0	37 September 9 - September 15
5101	1.8	38 September 16 - September 22
5557	2.0	39 September 23 - September 29
5854	2.1	40 September 30 - October 6
5981	2.1	41 October 7 - October 13
6215	2.2	42 October 14 - October 20
6555	2.3	43 October 21 - October 27
6742	2.4	44 October 28 - November 3
6577	2.3	45 November 4 - November 10
6646	2.4	46 November 11 - November 17
6238	2.2	47 November 18 - November 24
6955	2.5	48 November 25 - December 1
6397	2.3	49 December 2 - December 8
11867	4.2	50 December 9 - December 15
6815	2.4	51 December 16 - December 22
4893	1.7	52 December 23 - December 29
616	0.2	53 December 30 - December 31

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

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TCRS Variable - julian

2010 Prcnt	Code	Value and Description
687	0.2	40119 January 1, 2010
		-
616	0.2	40483 December 31, 2010

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

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TCRS Variable - day\_of\_week

2010 Prcnt	Code	Value and Description
28784	10.2	1 Sunday
42715	15.1	2 Monday
44086	15.6	3 Tuesday

Variable 8:DAY OF WEEK (Continued)

2010 Prcnt	Code	Value and Description
43489 15.4	4	Wednesday
42624 15.1	5	Thursday
46283 16.4	6	Friday
34094 12.1	7	Saturday

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

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TCRS Variable - wkhr

2010 Prcnt	Code	Value and Description
1099 0.4	0	12:00 midnight - 12:59 AM Sunday
1055 0.4	1	1:00 AM - 1:59 AM Sunday
1166 0.4	2	2:00 AM - 2:59 AM Sunday
721 0.3	3	3:00 AM - 3:59 AM Sunday
534 0.2	4	4:00 AM - 4:59 AM Sunday
529 0.2	5	5:00 AM - 5:59 AM Sunday
684 0.2	6	6:00 AM - 6:59 AM Sunday
659 0.2	7	7:00 AM - 7:59 AM Sunday
682 0.2	8	8:00 AM - 8:59 AM Sunday
839 0.3	9	9:00 AM - 9:59 AM Sunday
1014 0.4	10	10:00 AM - 10:59 AM Sunday
1207 0.4	11	11:00 AM - 11:59 AM Sunday
1611 0.6	12	12:00 noon - 12:59 PM Sunday
1674 0.6	13	1:00 PM - 1:59 PM Sunday
1725 0.6	14	2:00 PM - 2:59 PM Sunday
1705 0.6	15	3:00 PM - 3:59 PM Sunday
1611 0.6	16	4:00 PM - 4:59 PM Sunday
1722 0.6	17	5:00 PM - 5:59 PM Sunday
1834 0.7	18	6:00 PM - 6:59 PM Sunday
1749 0.6	19	7:00 PM - 7:59 PM Sunday
1522 0.5	20	8:00 PM - 8:59 PM Sunday
1428 0.5	21	9:00 PM - 9:59 PM Sunday
1101 0.4	22	10:00 PM - 10:59 PM Sunday
808 0.3	23	11:00 PM - 11:59 PM Sunday
559 0.2	24	12:00 midnight - 12:59 AM Monday
463 0.2	25	1:00 AM - 1:59 AM Monday
440 0.2	26	2:00 AM - 2:59 AM Monday
363 0.1	27	3:00 AM - 3:59 AM Monday
450 0.2	28	4:00 AM - 4:59 AM Monday
955 0.3	29	5:00 AM - 5:59 AM Monday
1715 0.6	30	6:00 AM - 6:59 AM Monday
2996 1.1	31	7:00 AM - 7:59 AM Monday
2338 0.8	32	8:00 AM - 8:59 AM Monday
1907 0.7	33	9:00 AM - 9:59 AM Monday
1849 0.7	34	10:00 AM - 10:59 AM Monday
2000 0.7	35	11:00 AM - 11:59 AM Monday
2352 0.8	36	12:00 noon - 12:59 PM Monday
2179 0.8	37	1:00 PM - 1:59 PM Monday

## Variable 9:HOUR OF WEEK (Continued)

2010	Prcnt	Code	Value and Description
2744	1.0	38	2:00 PM - 2:59 PM Monday
3335	1.2	39	3:00 PM - 3:59 PM Monday
3035	1.1	40	4:00 PM - 4:59 PM Monday
3401	1.2	41	5:00 PM - 5:59 PM Monday
2632	0.9	42	6:00 PM - 6:59 PM Monday
1928	0.7	43	7:00 PM - 7:59 PM Monday
1620	0.6	44	8:00 PM - 8:59 PM Monday
1483	0.5	45	9:00 PM - 9:59 PM Monday
1108	0.4	46	10:00 PM - 10:59 PM Monday
770	0.3	47	11:00 PM - 11:59 PM Monday
564	0.2	48	12:00 midnight - 12:59 AM Tuesday
432	0.2	49	1:00 AM - 1:59 AM Tuesday
378	0.1	50	2:00 AM - 2:59 AM Tuesday
344	0.1	51	3:00 AM - 3:59 AM Tuesday
402	0.1	52	4:00 AM - 4:59 AM Tuesday
863	0.3	53	5:00 AM - 5:59 AM Tuesday
1611	0.6	54	6:00 AM - 6:59 AM Tuesday
3026	1.1	55	7:00 AM - 7:59 AM Tuesday
2467	0.9	56	8:00 AM - 8:59 AM Tuesday
1931	0.7	57	9:00 AM - 9:59 AM Tuesday
1770	0.6	58	10:00 AM - 10:59 AM Tuesday
1979	0.7	59	11:00 AM - 11:59 AM Tuesday
2265	0.8	60	12:00 noon - 12:59 PM Tuesday
2055	0.7	61	1:00 PM - 1:59 PM Tuesday
2552	0.9	62	2:00 PM - 2:59 PM Tuesday
3488	1.2	63	3:00 PM - 3:59 PM Tuesday
3320	1.2	64	4:00 PM - 4:59 PM Tuesday
4014	1.4	65	5:00 PM - 5:59 PM Tuesday
2999	1.1	66	6:00 PM - 6:59 PM Tuesday
2187	0.8	67	7:00 PM - 7:59 PM Tuesday
1663	0.6	68	8:00 PM - 8:59 PM Tuesday
1654	0.6	69	9:00 PM - 9:59 PM Tuesday
1201	0.4	70	10:00 PM - 10:59 PM Tuesday
841	0.3	71	11:00 PM - 11:59 PM Tuesday
581	0.2	72	12:00 midnight - 12:59 AM Wednesday
466	0.2	73	1:00 AM - 1:59 AM Wednesday
400	0.1	74	2:00 AM - 2:59 AM Wednesday
371	0.1	75	3:00 AM - 3:59 AM Wednesday
408	0.1	76	4:00 AM - 4:59 AM Wednesday
892	0.3	77	5:00 AM - 5:59 AM Wednesday
1661	0.6	78	6:00 AM - 6:59 AM Wednesday
3061	1.1	79	7:00 AM - 7:59 AM Wednesday
2513	0.9	80	8:00 AM - 8:59 AM Wednesday
1836	0.7	81	9:00 AM - 9:59 AM Wednesday
1659	0.6	82	10:00 AM - 10:59 AM Wednesday
1839	0.7	83	11:00 AM - 11:59 AM Wednesday
2216	0.8	84	12:00 noon - 12:59 PM Wednesday
2035	0.7	85	1:00 PM - 1:59 PM Wednesday
2602	0.9	86	2:00 PM - 2:59 PM Wednesday
3177	1.1	87	3:00 PM - 3:59 PM Wednesday
3101	1.1	88	4:00 PM - 4:59 PM Wednesday
3669	1.3	89	5:00 PM - 5:59 PM Wednesday

Variable 9:HOUR OF WEEK (Continued)

2010	Prcnt	Code	Value and Description
3068	1.1	90	6:00 PM - 6:59 PM Wednesday
2181	0.8	91	7:00 PM - 7:59 PM Wednesday
1885	0.7	92	8:00 PM - 8:59 PM Wednesday
1701	0.6	93	9:00 PM - 9:59 PM Wednesday
1250	0.4	94	10:00 PM - 10:59 PM Wednesday
842	0.3	95	11:00 PM - 11:59 PM Wednesday
643	0.2	96	12:00 midnight - 12:59 AM Thursday
519	0.2	97	1:00 AM - 1:59 AM Thursday
555	0.2	98	2:00 AM - 2:59 AM Thursday
398	0.1	99	3:00 AM - 3:59 AM Thursday
458	0.2	100	4:00 AM - 4:59 AM Thursday
833	0.3	101	5:00 AM - 5:59 AM Thursday
1557	0.6	102	6:00 AM - 6:59 AM Thursday
2874	1.0	103	7:00 AM - 7:59 AM Thursday
2181	0.8	104	8:00 AM - 8:59 AM Thursday
1633	0.6	105	9:00 AM - 9:59 AM Thursday
1555	0.6	106	10:00 AM - 10:59 AM Thursday
1875	0.7	107	11:00 AM - 11:59 AM Thursday
2137	0.8	108	12:00 noon - 12:59 PM Thursday
2105	0.7	109	1:00 PM - 1:59 PM Thursday
2690	1.0	110	2:00 PM - 2:59 PM Thursday
3379	1.2	111	3:00 PM - 3:59 PM Thursday
3287	1.2	112	4:00 PM - 4:59 PM Thursday
3435	1.2	113	5:00 PM - 5:59 PM Thursday
2801	1.0	114	6:00 PM - 6:59 PM Thursday
2089	0.7	115	7:00 PM - 7:59 PM Thursday
1738	0.6	116	8:00 PM - 8:59 PM Thursday
1636	0.6	117	9:00 PM - 9:59 PM Thursday
1266	0.4	118	10:00 PM - 10:59 PM Thursday
874	0.3	119	11:00 PM - 11:59 PM Thursday
726	0.3	120	12:00 midnight - 12:59 AM Friday
626	0.2	121	1:00 AM - 1:59 AM Friday
659	0.2	122	2:00 AM - 2:59 AM Friday
503	0.2	123	3:00 AM - 3:59 AM Friday
473	0.2	124	4:00 AM - 4:59 AM Friday
934	0.3	125	5:00 AM - 5:59 AM Friday
1555	0.6	126	6:00 AM - 6:59 AM Friday
2559	0.9	127	7:00 AM - 7:59 AM Friday
1797	0.6	128	8:00 AM - 8:59 AM Friday
1518	0.5	129	9:00 AM - 9:59 AM Friday
1646	0.6	130	10:00 AM - 10:59 AM Friday
1949	0.7	131	11:00 AM - 11:59 AM Friday
2392	0.8	132	12:00 noon - 12:59 PM Friday
2468	0.9	133	1:00 PM - 1:59 PM Friday
2845	1.0	134	2:00 PM - 2:59 PM Friday
3562	1.3	135	3:00 PM - 3:59 PM Friday
3542	1.3	136	4:00 PM - 4:59 PM Friday
3607	1.3	137	5:00 PM - 5:59 PM Friday
3219	1.1	138	6:00 PM - 6:59 PM Friday
2499	0.9	139	7:00 PM - 7:59 PM Friday
2010	0.7	140	8:00 PM - 8:59 PM Friday
1949	0.7	141	9:00 PM - 9:59 PM Friday

## Variable 9: HOUR OF WEEK (Continued)

2010	Prcnt	Code	Value and Description
1702	0.6	142	10:00 PM - 10:59 PM Friday
1437	0.5	143	11:00 PM - 11:59 PM Friday
1116	0.4	144	12:00 midnight - 12:59 AM Saturday
953	0.3	145	1:00 AM - 1:59 AM Saturday
1063	0.4	146	2:00 AM - 2:59 AM Saturday
686	0.2	147	3:00 AM - 3:59 AM Saturday
494	0.2	148	4:00 AM - 4:59 AM Saturday
622	0.2	149	5:00 AM - 5:59 AM Saturday
728	0.3	150	6:00 AM - 6:59 AM Saturday
794	0.3	151	7:00 AM - 7:59 AM Saturday
871	0.3	152	8:00 AM - 8:59 AM Saturday
1067	0.4	153	9:00 AM - 9:59 AM Saturday
1389	0.5	154	10:00 AM - 10:59 AM Saturday
1790	0.6	155	11:00 AM - 11:59 AM Saturday
2104	0.7	156	12:00 noon - 12:59 PM Saturday
2055	0.7	157	1:00 PM - 1:59 PM Saturday
2021	0.7	158	2:00 PM - 2:59 PM Saturday
2025	0.7	159	3:00 PM - 3:59 PM Saturday
1954	0.7	160	4:00 PM - 4:59 PM Saturday
1863	0.7	161	5:00 PM - 5:59 PM Saturday
2039	0.7	162	6:00 PM - 6:59 PM Saturday
1977	0.7	163	7:00 PM - 7:59 PM Saturday
1715	0.6	164	8:00 PM - 8:59 PM Saturday
1712	0.6	165	9:00 PM - 9:59 PM Saturday
1490	0.5	166	10:00 PM - 10:59 PM Saturday
1448	0.5	167	11:00 PM - 11:59 PM Saturday
683	0.2	999	Missing data

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

TCRS Variable - cnty\_cd

COUNTY (STATE POLICE CODING)

2010	Prcnt	Code	Value and Description
530	0.2	1	Alcona
271	0.1	2	Alger
3131	1.1	3	Allegan
865	0.3	4	Alpena
862	0.3	5	Antrim
661	0.2	6	Arenac
361	0.1	7	Baraga
1757	0.6	8	Barry
2963	1.1	9	Bay
537	0.2	10	Benzie
4372	1.5	11	Berrien
1708	0.6	12	Branch
4886	1.7	13	Calhoun



Variable 10:COUNTY (Continued)

2010	Prcnt	Code	Value and Description
1508	0.5	14	Cass
1015	0.4	15	Charlevoix
921	0.3	16	Cheboygan
1026	0.4	17	Chippewa
1058	0.4	18	Clare
2510	0.9	19	Clinton
499	0.2	20	Crawford
1449	0.5	21	Delta
946	0.3	22	Dickinson
3609	1.3	23	Eaton
1262	0.4	24	Emmet
10540	3.7	25	Genesee
823	0.3	26	Gladwin
307	0.1	27	Gogebic
3078	1.1	28	Grand Traverse
1737	0.6	29	Gratiot
1740	0.6	30	Hillsdale
927	0.3	31	Houghton
1712	0.6	32	Huron
8395	3.0	33	Ingham
2161	0.8	34	Ionia
641	0.2	35	Iosco
621	0.2	36	Iron
2868	1.0	37	Isabella
5455	1.9	38	Jackson
7968	2.8	39	Kalamazoo
512	0.2	40	Kalkaska
17241	6.1	41	Kent
64	0.0	42	Keweenaw
381	0.1	43	Lake
2803	1.0	44	Lapeer
580	0.2	45	Leelanau
2511	0.9	46	Lenawee
4340	1.5	47	Livingston
194	0.1	48	Luce
475	0.2	49	Mackinac
21600	7.7	50	Macomb
783	0.3	51	Manistee
1945	0.7	52	Marquette
1336	0.5	53	Mason
1824	0.6	54	Mecosta
973	0.3	55	Menominee
2668	0.9	56	Midland
644	0.2	57	Missaukee
3797	1.3	58	Monroe
2425	0.9	59	Montcalm
265	0.1	60	Montmorency
4309	1.5	61	Muskegon
1444	0.5	62	Newaygo
33458	11.9	63	Oakland
882	0.3	64	Oceana
818	0.3	65	Ogemaw

## Variable 10: COUNTY (Continued)

2010	Prcnt	Code	Value and Description
306	0.1	66	Ontonagon
1034	0.4	67	Osceola
222	0.1	68	Oscoda
700	0.2	69	Otsego
6315	2.2	70	Ottawa
516	0.2	71	Presque Isle
757	0.3	72	Roscommon
5874	2.1	73	Saginaw
3958	1.4	74	St. Clair
1660	0.6	75	St. Joseph
1713	0.6	76	Sanilac
334	0.1	77	Schoolcraft
2148	0.8	78	Shiawassee
1923	0.7	79	Tuscola
2332	0.8	80	Van Buren
9935	3.5	81	Washtenaw
45221	16.0	82	Wayne
1175	0.4	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

2010	Prcnt	Code	Value and Description
9158	3.2	1	
		-	City or township code (by county)
20203	7.2	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

2010	Prcnt	Code	Value and Description
168251	59.6	0	No trunkline involved
81105	28.8	1	Mainline forward or undivided
23173	8.2	2	Mainline reverse (always divided one-way)
519	0.2	3	Outside forward (always divided one-way, CD/service drive)
408	0.1	4	Outside reverse (always divided one-way, CD/service drive)
8251	2.9	5	Ramps and other short trunkline elements
368	0.1	9	Unknown

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

TCRS Variable - hwy\_cls\_cd

2010	Prcnt	Code	Value and Description
27709	9.8	1	Interstate route
21780	7.7	2	U.S. route
56169	19.9	3	Michigan route
4430	1.6	4	Interstate business loop or spur
2723	1.0	5	U.S. business route
86	0.0	6	Michigan business route
563	0.2	7	Connector
398	0.1	8	Not located (spaces)
168217	59.6	9	County road, city street, or unknown

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

TCRS Variable - hwy\_num

2010	Prcnt	Code	Value and Description
1386	0.5	1	M-1
1407	0.5	2	M-2\US-2\US-2BR
2035	0.7	3	M-3
740	0.3	5	M-5
271	0.1	6	M-6
304	0.1	8	M-8\US-8
2392	0.8	10	M-10\US-10\US-10BR
1231	0.4	11	M-11
3224	1.1	12	M-12\US-12\US-12BL\US-12BR
640	0.2	13	M-13
964	0.3	14	M-14\M-14old
734	0.3	15	M-15
470	0.2	17	M-17
247	0.1	18	M-18
447	0.2	19	M-19
1164	0.4	20	M-20
1256	0.4	21	M-21\M-21old
304	0.1	22	M-22
2805	1.0	23	M-23\US-23\US-23R
4857	1.7	24	M-24\US-24\US-24BR
1194	0.4	25	M-25\US-25
229	0.1	26	M-26
402	0.1	27	M-27\US-27
451	0.2	28	M-28\M-28BR
524	0.2	29	M-29
247	0.1	30	M-30
4367	1.5	31	M-31\US-31\US-31BR\US-31old
373	0.1	32	M-32\M-32BR
247	0.1	33	M-33\US-33
131	0.0	34	M-34

## Variable 14:HIGHWAY NUMBER (Continued)

2010	Prcnt	Code	Value and Description
382	0.1	35	M-35
274	0.1	36	M-36
2077	0.7	37	M-37
61	0.0	38	M-38
1000	0.4	39	M-39
458	0.2	40	M-40
1376	0.5	41	M-41\US-41
21	0.0	42	M-42
2811	1.0	43	M-43
679	0.2	44	M-44\M-44Conn
592	0.2	45	M-45\US-45
1553	0.6	46	M-46
182	0.1	47	M-47
38	0.0	48	M-48
68	0.0	49	M-49
992	0.4	50	M-50
418	0.1	51	M-51\M-51TR
939	0.3	52	M-52
2132	0.8	53	M-53
441	0.2	54	M-54
624	0.2	55	M-55\M-55old
793	0.3	57	M-57
401	0.1	58	M-58
3531	1.3	59	M-59
620	0.2	60	M-60\M60BR
208	0.1	61	M-61
137	0.0	62	M-62
191	0.1	63	M-63
46	0.0	64	M-64
194	0.1	65	M-65
1490	0.5	66	M-66
8	0.0	67	M-67\I-67
192	0.1	68	M-68
2574	0.9	69	M-69\I-69\I-69BL
94	0.0	71	M-71
481	0.2	72	M-72
24	0.0	73	M-73\I-73
7786	2.8	75	M-75\I-75\I-75BL\I-75BS
35	0.0	77	M-77\I-77
45	0.0	78	M-78
123	0.0	79	M-79
22	0.0	80	M-80
365	0.1	81	M-81
206	0.1	82	M-82
134	0.0	83	M-83
445	0.2	84	M-84
695	0.2	85	M-85
158	0.1	86	M-86
113	0.0	88	M-88
497	0.2	89	M-89
177	0.1	90	M-90
212	0.1	91	M-91

Variable 14:HIGHWAY NUMBER (Continued)

2010	Prcnt	Code	Value and Description
43	0.0	93	M-93
10034	3.6	94	M-94\I-94\I-94BL\I-94BR
218	0.1	95	M-95
7066	2.5	96	M-96\I-96\I-96BS
879	0.3	97	M-97
837	0.3	99	M-99
143	0.1	100	M-100
1095	0.4	102	M-102\US-102
6	0.0	103	M-103
169	0.1	104	M-104
166	0.1	106	M-106
7	0.0	108	M-108
9	0.0	109	M-109
62	0.0	113	M-113
424	0.2	115	M-115
28	0.0	116	M-116
25	0.0	117	M-117
98	0.0	119	M-119
269	0.1	120	M-120
157	0.1	121	M-121
70	0.0	123	M-123
30	0.0	124	M-124
278	0.1	125	M-125
2670	0.9	127	M-127\US-127\US-127BR
108	0.0	129	M-129
3953	1.4	131	M-131\US-131\US-131BL\US-131BR\US-131old
86	0.0	134	M-134
93	0.0	136	M-136
10	0.0	137	M-137
22	0.0	138	M-138
182	0.1	139	M-139
132	0.0	140	M-140
84	0.0	141	M-141\US-141
230	0.1	142	M-142
46	0.0	143	M-143
11	0.0	149	M-149
455	0.2	150	M-150
20	0.0	152	M-152
1716	0.6	153	M-153
5	0.0	154	M-154
56	0.0	155	M-155
37	0.0	156	M-156
3	0.0	168	M-168
67	0.0	179	M-179
19	0.0	183	M-183
2	0.0	186	M-186
19	0.0	188	M-188
32	0.0	189	M-189
56	0.0	194	I-194
1532	0.5	196	I-196\I-196BS\I-196BL
16	0.0	199	M-199
5	0.0	201	M-201

Variable 14:HIGHWAY NUMBER (Continued)

2010	Prcnt	Code	Value and Description
34	0.0	203	M-203
28	0.0	204	M-204
14	0.0	211	M-211
48	0.0	216	M-216
1	0.0	217	M-217
4	0.0	221	M-221
60	0.0	222	M-222
360	0.1	223	US-223
59	0.0	227	M-227
7	0.0	239	M-239
11	0.0	240	Connector 240
24	0.0	247	M-247
667	0.2	275	I-275
9	0.0	294	M-294
208	0.1	296	I-296
55	0.0	311	M-311
320	0.1	331	M-331
99	0.0	375	I-375
356	0.1	475	I-475
570	0.2	496	I-496
95	0.0	553	US-553
95	0.0	675	I-675
2383	0.8	696	I-696
15	0.0	850	Connector 850
168615	59.8	999	Local road or unknown

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

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TCRS Variable - crnt\_hwy\_cs

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Variable 16	CONTROL SECTION MLPT	Width: 6	Type: Numeric
		Dec: 3	Miss: None

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TCRS Variable - crnt\_cs\_mp

2010	Prcnt	Code	Value and Description
169321	60.0	0.000	Missing data

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

TCRS Variable - loc\_flag\_cd

2010 Prcnt	Code	Value and Description
281694	99.9	1 Successfully located
3	0.0	2 Not located, protest
378	0.1	4 Protest record not located

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

TCRS Variable - loc\_err\_cd

2010 Prcnt	Code	Value and Description
281500	99.8	0 None
1	0.0	3 Primary Street (PR) cannot be found in county/city given
2	0.0	6 Location matches more than one specific site in the indexes
1	0.0	14 TCRS updated county on location
234	0.1	15 TCRS updated city / township on location
337	0.1	99 Other reason than 01-09, nonnumeric data

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

TCRS Variable - orig\_dir

DIRECTION OFFICER ORIGINALLY GAVE TO NEAREST INTERSECTING STREET

2010 Prcnt	Code	Value and Description
1611	0.6	1 (BR) Begin ramp
58097	20.6	2 ( E) East
3864	1.4	3 (ER) End ramp
60823	21.6	4 ( N) North
4882	1.7	5 (NE) Northeast
5164	1.8	6 (NW) Northwest
61309	21.7	7 ( S) South
5076	1.8	8 (SE) Southeast
4813	1.7	9 (SW) Southwest
17037	6.0	10 ( X) At intersection
59345	21.0	11 ( W) West
54	0.0	99 (Space) Uncoded & errors

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

## TCRS Variable - num\_lns

2010	Prcnt	Code	Value and Description
148	0.1	0	Crash occurred on other than a roadway
7199	2.6	1	1 lane
157689	55.9	2	2 lanes
32534	11.5	3	3 lanes
36230	12.8	4	4 lanes
37990	13.5	5	5 lanes
5012	1.8	6	6 lanes
2346	0.8	7	7 lanes
683	0.2	8	8 lanes
165	0.1	9	9 lanes
2079	0.7	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

2010	Prcnt	Code	Value and Description
237434	84.2	1	On the road
2432	0.9	2	In the median
12057	4.3	3	On the shoulder
22847	8.1	4	Outside of the shoulder/curb-line
836	0.3	5	In the gore (area between ramp and freeway convergence)
3412	1.2	6	Other / unknown relationship
3057	1.1	9	Uncoded & errors

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

## TCRS Variable - rdwy\_area\_cd

2010	Prcnt	Code	Value and Description
Freeway Crash			
7890	2.8	1	Entrance/exit ramp related
465	0.2	2	Median crossing related
2512	0.9	3	Transition area (increase or decrease in travel lanes)
101	0.0	4	Rest area related
37	0.0	5	Scale/weigh station related
26346	9.3	6	All other freeway areas



Variable 22:AREA OF ROAD AT CRASH (Continued)

2010 Prcnt	Code	Value and Description
Non-Freeway Intersection Crash		
38047	13.5	7 Within intersection
13296	4.7	8 Driveway related (within 150 feet of nearest edge of intersection)
31259	11.1	9 Intersection related other
Other Non-Freeway Areas		
132135	46.8	10 Straight roadway not related to other selections
10017	3.6	11 Curved roadway not related to other selections
9261	3.3	12 Driveway related (not within 150 feet of intersection)
4693	1.7	13 Parking related (legal roadside)
1042	0.4	14 Transition area (increase or decrease in travel lanes)
926	0.3	15 Median crossing related
325	0.1	16 Railroad grade crossing related
29	0.0	17 Rest area related
16	0.0	18 Scale/weigh station related
1452	0.5	20 Other
105	0.0	21 Unknown
2121	0.8	99 Uncoded & errors

---

Variable 23      ROAD CONDITIONS      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

TCRS Variable - rd\_cond\_cd

2010 Prcnt	Code	Value and Description
196480	69.7	1 Dry
39029	13.8	2 Wet
19031	6.7	3 Icy
19121	6.8	4 Snowy
352	0.1	5 Muddy
3037	1.1	6 Slushy
228	0.1	7 Debris
3139	1.1	8 Other / unknown
1658	0.6	9 Uncoded & errors

---

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

TCRS Variable - spd\_limt

Values not shown recoded to missing data

2010 Prcnt	Code	Value and Description
110	0.0	5 5 miles per hour
156	0.1	10 10 miles per hour

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

2010	Prcnt	Code	Value and Description
701	0.2	15	15 miles per hour
293	0.1	20	20 miles per hour
43079	15.3	25	25 miles per hour
13016	4.6	30	30 miles per hour
32887	11.7	35	35 miles per hour
20408	7.2	40	40 miles per hour
43711	15.5	45	45 miles per hour
10989	3.9	50	50 miles per hour
83805	29.7	55	55 miles per hour
1334	0.5	60	60 miles per hour
434	0.2	65	65 miles per hour
27514	9.8	70	70 miles per hour
42	0.0	75	75 miles per hour
3596	1.3	99	Uncoded & errors

---

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

TCRS Variable - post\_spd\_ind

2010	Prcnt	Code	Value and Description
51859	18.4	0	Not posted
225972	80.1	1	Posted speed limit
4244	1.5	9	Uncoded & errors

---

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

TCRS Variable - trfc\_ctrl\_cd

2010	Prcnt	Code	Value and Description
55771	19.8	1	Signal
25336	9.0	2	Stop sign
2627	0.9	3	Yield sign
193072	68.4	4	None
5269	1.9	9	Uncoded & errors

---

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

TCRS Variable - trwy\_cd

Variable 27:TRAFFICWAY (Continued)

2010	Prcnt	Code	Value and Description
11619	4.1	0	Uncoded & errors
211452	75.0	1	Not physically divided (two-way trafficway)
25915	9.2	2	Divided highway, median strip, without traffic barrier
23386	8.3	3	Divided highway, median strip, with traffic barrier
9681	3.4	4	One-way trafficway
22	0.0	5	Nontraffic

---

Variable 28	ACCESS CONTROL	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.

2010	Prcnt	Code	Value and Description
14094	5.0	0	Uncoded & errors
220663	78.2	1	No access control (unlimited access)
40020	14.2	2	Full access control (ramp entry and exit only)
7297	2.6	3	Other (partial access control)
1	0.0	9	Unknown

---

Variable 29	CONSTRUCTION TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - cnst\_type\_cd

2010	Prcnt	Code	Value and Description
5161	1.8	1	Construction/maintenance
493	0.2	2	Utility
276421	98.0	9	Uncoded & errors

---

Variable 30	CONSTRUCTION LANE CLOSED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - cnst\_lane\_clsd\_ind

2010	Prcnt	Code	Value and Description
4333	1.5	0	Lanes open
3598	1.3	1	Lane closed
274144	97.2	9	Uncoded & errors

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

## TCRS Variable - cnst\_act\_cd

2010	Prcnt	Code	Value and Description
4377	1.6	1	On road
727	0.3	2	Off road
12638	4.5	3	No activity
264333	93.7	9	Uncoded & errors

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

## TCRS Variable - wthr\_cd

2010	Prcnt	Code	Value and Description
154875	54.9	1	Clear
76021	27.0	2	Cloudy
1501	0.5	3	Fog/smoke
19187	6.8	4	Rain
25354	9.0	5	Snow/blowing snow
858	0.3	6	Severe wind
475	0.2	7	Sleet/hail
3292	1.2	8	Other / unknown
512	0.2	9	Uncoded & errors

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

## TCRS Variable - lit\_cd

2010	Prcnt	Code	Value and Description
170809	60.6	1	Daylight
9589	3.4	2	Dawn
7850	2.8	3	Dusk
32359	11.5	4	Dark lighted
58543	20.8	5	Dark unlighted
2191	0.8	6	Other / unknown
734	0.3	9	Uncoded & errors

Variable 34	CRASH TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

TCRS Variable - crsh\_type\_cd

2010	Prcnt	Code	Value and Description
107682	38.2	1	Single motor vehicle
3510	1.2	2	Head-on
6314	2.2	3	Head-on / left turn
45126	16.0	4	Angle
66694	23.6	5	Rear-end
3111	1.1	6	Rear-end left turn
2854	1.0	7	Rear-end right turn
25878	9.2	8	Sideswipe same direction
5917	2.1	9	Sideswipe opposite direction
14744	5.2	10	Other / unknown
245	0.1	99	Uncoded & errors

Variable 35	CRASH INVESTGTD AT SCENE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

TCRS Variable - scne\_invg\_ind

CRASH WAS INVESTIGATED AT THE SCENE

2010	Prcnt	Code	Value and Description
55706	19.7	0	Not investigated at scene
222893	79.0	1	Investigated at scene
3476	1.2	9	Uncoded & errors

Variable 36	COMPLAINT STATUS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

TCRS Variable - cplt\_dspn

2010	Prcnt	Code	Value and Description
8896	3.2	1	Open
258055	91.5	2	Closed
15124	5.4	9	Uncoded & errors

Variable 37	TRAFFIC UNIT MIX	Width: 2	Type: Numeric
		Dec: None	Miss: 99

TDC Variable - tumix

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

2010	Prcnt	Code	Value and Description
106583	37.8	1	Single traffic unit
91116	32.3	2	Car - car
47407	16.8	3	Car - truck
1221	0.4	4	Car - motorcycle, moped
1054	0.4	5	Car - other
778	0.3	6	Car - pedestrian, pedalcyclist
9606	3.4	7	Truck - truck
380	0.1	8	Truck - motorcycle
406	0.1	9	Truck - other
202	0.1	10	Truck - pedestrian, pedalcyclist
53	0.0	11	Motorcycle - motorcycle
11	0.0	12	Motorcycle - other
11	0.0	13	Motorcycle - pedestrian, pedalcyclist
74	0.0	14	Other - other
4	0.0	15	Other - pedestrian, pedalcyclist
13334	4.7	16	Three or more traffic units
9835	3.5	99	Missing data

---

Variable 38	TOTAL UNITS REPORTED	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 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.

2010	Prcnt	Code	Value and Description
106583	37.8	1	1 unit
162158	57.5	2	2 units
11372	4.0	3	3 units
1629	0.6	4	4 units
252	0.1	5	5 units
62	0.0	6	6 units
12	0.0	7	7 units
6	0.0	8	8 units
1	0.0	9	9 units

---

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

---

TCRS Variable - motr\_vhcs\_invl

2010 Prcnt	Code	Value and Description
110602	39.2	1 1 unit
158360	56.1	2 2 units
11214	4.0	3 3 units
1588	0.6	4 4 units
237	0.1	5 5 units
59	0.0	6 6 units
9	0.0	7 7 units
5	0.0	8 8 units
1	0.0	9 9 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

2010 Prcnt	Code	Value and Description
271451	96.2	0 None
10272	3.6	1 1 form
338	0.1	2 2 forms
12	0.0	3 3 forms
2	0.0	4 4 forms

---

Variable 41	CRASH:SPECIAL LOCAL STDY	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

FLAG: CRASH IS USED IN A SPECIAL LOCAL STUDY

TCRS Variable - spcl\_stdy\_lcl

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

2010 Prcnt	Code	Value and Description
276498	98.0	0 No special study
5577	2.0	1 Special study

Variable 42	CRASH:SPECIAL STATE STDY	Width: 1	Type: Numeric
		Dec: None	Miss: 0

FLAG: CRASH IS USED IN A SPECIAL STATE STUDY

TCRS Variable - spcl\_stdy\_st

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

2010	Prcnt	Code	Value and Description
281159	99.7	0	No (includes uncoded & errors)
916	0.3	1	Yes

Variable 43	CRASH:NO SPECIAL CIRCUMS	Width: 1	Type: Numeric
		Dec: None	Miss: 0

FLAG: NO SPECIAL CIRCUMSTANCES IN CRASH

TCRS Variable - spcl\_crcm\_none

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

2010	Prcnt	Code	Value and Description
86441	30.6	0	No special circumstances
195634	69.4	1	Special circumstances

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

FLAG: HIT-AND-RUN IN CRASH

TCRS Variable - spcl\_crcm\_htrn

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

2010	Prcnt	Code	Value and Description
254607	90.3	0	Not hit-and-run
27468	9.7	1	Hit-and-run

Variable 45	CRASH: FLEEING/PURSURING	Width: 1	Type: Numeric
		Dec: None	Miss: 0

FLAG: VEHICLE FLEEING PURSUIT OR IN PURSUIT

TCRS Variable - spcl\_crcm\_flee

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER



Variable 45: CRASH: FLEEING/PURSUING (Continued)

2010 Prcnt	Code	Value and Description
281488 99.8	0	No pursuit
587 0.2	1	Pursuit involved

---

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

---

FLAG: DEER WAS INVOLVED/ASSOCIATED WITH CRASH

TCRS Variable - spcl\_crcm\_deer

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

2010 Prcnt	Code	Value and Description
226208 80.2	0	No deer
55867 19.8	1	Deer involved

---

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

---

FLAG: SCHOOL BUS WAS INVOLVED/ASSOCIATED WITH CRASH

TCRS Variable - spcl\_crcm\_schl

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

2010 Prcnt	Code	Value and Description
281193 99.7	0	No school bus
882 0.3	1	School bus involved

---

Variable 48	CRASH: HOLIDAY CRASH	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

FLAG: HOLIDAY CRASH

TCRS Variable - hldy\_ind

SPECIAL CIRCUMSTANCES FLAG AS CODED BY OFFICER

2010 Prcnt	Code	Value and Description
282075 100.0	0	Not a holiday

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

TCRS Variable - alch\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2010	Prcnt	Code	Value and Description
272089	96.5	0	No drinking involved
9986	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

2010	Prcnt	Code	Value and Description
280137	99.3	0	No drugs involved
1938	0.7	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

2010	Prcnt	Code	Value and Description
279896	99.2	0	No pedestrian involved
2179	0.8	1	Pedestrian involved

Variable 52	CRASH: NMT REC PRESENT	Width: 1	Type: Numeric
		Dec: None	Miss: 0

FLAG - TDC GENERATED

TDC Variable - nmtflag

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

2010	Prcnt	Code	Value and Description
277947	98.5	0	No (includes uncoded & errors)
4128	1.5	1	Nonmotorist record present

---

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

---

TCRS Variable - bcyl\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2010	Prcnt	Code	Value and Description
280123	99.3	0	No bicyclist
1952	0.7	1	Bicyclist involved

---

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

---

TCRS Variable - snwm\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2010	Prcnt	Code	Value and Description
281928	99.9	0	No snowmobile
147	0.1	1	Snowmobile involved

---

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

---

TCRS Variable - mycy\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2010	Prcnt	Code	Value and Description
278790	98.8	0	No motorcycle
3285	1.2	1	Motorcycle involved

---

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

---

TCRS Variable - orv\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2010	Prcnt	Code	Value and Description
281863	99.9	0	No ORV
212	0.1	1	Off-Road Vehicle involved

Variable 57	CRASH: FARM EQUIPMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - fmeq\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2010	Prcnt	Code	Value and Description
281917	99.9	0	No farm equipment
158	0.1	1	Farm equipment involved

Variable 58	CRASH: TRAIN	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - trn\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2010	Prcnt	Code	Value and Description
282038	100.0	0	No train
37	0.0	1	Train involved

Variable 59	CRASH: TRUCK OR BUS	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - trk\_bus\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2010	Prcnt	Code	Value and Description
271706	96.3	0	No truck or bus
10369	3.7	1	Truck or bus involved

Variable 60	CRASH: EMERGENCY VEHICLE	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - emg\_vehc\_invl\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2010	Prcnt	Code	Value and Description
280018	99.3	0	No emergency vehicle
2057	0.7	1	Police/fire/ambulance involved

---

Variable 61	CRASH: NONTRAFFIC CRASH	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - non\_trfc\_crsh\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2010	Prcnt	Code	Value and Description
282075	100.0	0	No (includes uncoded & errors)

---

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

2010	Prcnt	Code	Value and Description
52540	18.6	0	No property damage
229535	81.4	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

2010	Prcnt	Code	Value and Description
230403	81.7	0	No injuries (may be fatality)
51672	18.3	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

2010	Prcnt	Code	Value and Description
281207	99.7	0	No fatality (may be injuries)
868	0.3	1	Fatal crash (may also be injuries)

<u>Variable 65</u>	<u>PUBLIC PROPERTY DAMAGED</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - st\_prop\_damg\_ind

COMPUTER GENERATED GLOBAL FLAG TO CLASSIFY CRASH

2010	Prcnt	Code	Value and Description
281482	99.8	0	No public property damage
593	0.2	1	Public property damage

<u>Variable 66</u>	<u>TOTAL OCCUPANTS IN CRASH</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

TCRS Variable - tot\_occp

2010	Prcnt	Code	Value and Description
7658	2.7	0	0 occupants
98817	35.0	1	1 occupant
98535	34.9	2	2 occupants
42492	15.1	3	3 occupants
18847	6.7	4	4 occupants
8476	3.0	5	5 occupants
3762	1.3	6	6 occupants
1570	0.6	7	7 occupants
685	0.2	8	8 occupants
329	0.1	9	9 occupants
169	0.1	10	10 occupants
121	0.0	11	11 occupants
65	0.0	12	12 occupants
48	0.0	13	13 occupants
29	0.0	14	14 occupants
56	0.0	15	15 occupants
46	0.0	16	16 occupants
33	0.0	17	17 occupants
14	0.0	18	18 occupants
14	0.0	19	19 occupants
11	0.0	20	20 occupants
24	0.0	21	21 occupants
22	0.0	22	22 occupants
13	0.0	23	23 occupants
10	0.0	24	24 occupants
10	0.0	25	25 occupants
20	0.0	26	26 occupants
10	0.0	27	27 occupants
9	0.0	28	28 occupants
5	0.0	29	29 occupants
8	0.0	30	30 occupants
13	0.0	31	31 occupants
7	0.0	32	32 occupants
11	0.0	33	33 occupants
5	0.0	34	34 occupants

Variable 66:TOTAL OCCUPANTS IN CRASH (Continued)

2010	Prcnt	Code	Value and Description
8	0.0	35	35 occupants
5	0.0	36	36 occupants
5	0.0	37	37 occupants
4	0.0	38	38 occupants
4	0.0	39	39 occupants
6	0.0	40	40 occupants
6	0.0	41	41 occupants
12	0.0	42	42 occupants
7	0.0	43	43 occupants
3	0.0	44	44 occupants
4	0.0	45	45 occupants
5	0.0	46	46 occupants
4	0.0	47	47 occupants
5	0.0	48	48 occupants
2	0.0	49	49 occupants
5	0.0	50	50 occupants
6	0.0	51	51 occupants
5	0.0	52	52 occupants
4	0.0	54	54 occupants
2	0.0	55	55 occupants
1	0.0	56	56 occupants
1	0.0	57	57 occupants
2	0.0	58	58 occupants
3	0.0	60	60 occupants
2	0.0	62	62 occupants
2	0.0	63	63 occupants
1	0.0	65	65 occupants
1	0.0	66	66 occupants
1	0.0	70	70 occupants
1	0.0	73	73 occupants
1	0.0	77	77 occupants
1	0.0	80	80 occupants
1	0.0	82	82 occupants
1	0.0	83	83 occupants
3	0.0	92	92 occupants
2	0.0	93	93 occupants
5	0.0	98	98 occupants

---

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

---

TCRS Variable - grts\_svty\_cd

2010	Prcnt	Code	Value and Description
868	0.3	1	Fatal
4797	1.7	2	A - incapacitating injury
13404	4.8	3	B - nonincapacitating injury
33471	11.9	4	C - possible injury
229535	81.4	5	No injury

Variable 68	NUMBER FATAL IN CRASH	Width: 2	Type: Numeric
		Dec: None	Miss: None

TCRS Variable - num\_fatl

2010 Prcnt	Code	Value and Description
281207 99.7	0	None
812 0.3	1	1 killed
48 0.0	2	2 killed
5 0.0	3	3 killed
1 0.0	4	4 killed
2 0.0	5	5 killed

Variable 69	TOTAL A-INJURED IN CRASH	Width: 3	Type: Numeric
		Dec: None	Miss: None

TCRS Variable - num\_injy\_a

2010 Prcnt	Code	Value and Description
277108 98.2	0	0 A-injured
4185 1.5	1	1 A-injured
613 0.2	2	2 A-injured
123 0.0	3	3 A-injured
34 0.0	4	4 A-injured
10 0.0	5	5 A-injured
1 0.0	6	6 A-injured
1 0.0	8	8 A-injured

Variable 70	TOTAL B-INJURED IN CRASH	Width: 3	Type: Numeric
		Dec: None	Miss: None

TCRS Variable - num\_injy\_b

2010 Prcnt	Code	Value and Description
267688 94.9	0	0 B-injured
12316 4.4	1	1 B-injured
1636 0.6	2	2 B-injured
341 0.1	3	3 B-injured
64 0.0	4	4 B-injured
22 0.0	5	5 B-injured
6 0.0	6	6 B-injured
2 0.0	7	7 B-injured



---

Variable 71      TOTAL C-INJURED IN CRASH      Width: 3      Type: Numeric  
Dec:    None      Miss: None

TCRS Variable - num\_injy\_c

2010	Prcnt	Code	Value and Description
244685	86.7	0	0 C-injured
29672	10.5	1	1 C-injured
5982	2.1	2	2 C-injured
1308	0.5	3	3 C-injured
294	0.1	4	4 C-injured
92	0.0	5	5 C-injured
22	0.0	6	6 C-injured
10	0.0	7	7 C-injured
7	0.0	8	8 C-injured
1	0.0	10	10 C-injured
1	0.0	11	11 C-injured
1	0.0	19	19 C-injured

---

Variable 72      TOTAL INJURED IN CRASH      Width: 3      Type: Numeric  
Dec:    None      Miss: None

TCRS Variable - num\_injy

2010	Prcnt	Code	Value and Description
230029	81.5	0	None
38843	13.8	1	1 injured
9591	3.4	2	2 injured
2564	0.9	3	3 injured
685	0.2	4	4 injured
235	0.1	5	5 injured
77	0.0	6	6 injured
30	0.0	7	7 injured
12	0.0	8	8 injured
4	0.0	9	9 injured
2	0.0	10	10 injured
1	0.0	11	11 injured
1	0.0	15	15 injured
1	0.0	19	19 injured

---

Variable 73      TOTAL CASUALTIES - CRASH      Width: 3      Type: Numeric  
Dec:    None      Miss: None

TCRS Variable - num\_cas

TOTAL KILLED plus TOTAL INJURED

2010	Prcnt	Code	Value and Description
229535	81.4	0	0 casualties

## Variable 73:TOTAL CASUALTIES - CRASH (Continued)

2010	Prcnt	Code	Value and Description
39114	13.9	1	1 casualty
9687	3.4	2	2 casualties
2638	0.9	3	3 casualties
719	0.3	4	4 casualties
242	0.1	5	5 casualties
85	0.0	6	6 casualties
32	0.0	7	7 casualties
12	0.0	8	8 casualties
5	0.0	9	9 casualties
3	0.0	10	10 casualties
1	0.0	11	11 casualties
1	0.0	15	15 casualties
1	0.0	19	19 casualties

---

Variable 74	FRAMEWORK VERSION	Width: 2	Type: Alphabetic
		Dec: None	Miss: None

## WHICH VERSION OF FRAMEWORK USED TO LOCATE CASE

---

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

---

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

---

Variable 77	MDOT REGION	Width: 1	Type: Numeric
		Dec: None	Miss: None

## TCRS Variable - mdot\_reg\_n\_cd

2010	Prcnt	Code	Value and Description
10199	3.6	1	Superior
19933	7.1	2	North
36601	13.0	3	Grand
37343	13.2	4	Bay
29322	10.4	5	Southwest
44440	15.8	6	University
104237	37.0	7	Metro

---

Variable 78	MDOT AREA TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

TCRS Variable - mdot\_area\_type\_cd

2010	Prcnt	Code	Value and Description
30482	10.8	1	Interchange
131078	46.5	2	Intersection
120515	42.7	3	Mid-block

---

Variable 79	MDOT CRASH TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

TCRS Variable - mdot\_crsh\_type\_cd

2010	Prcnt	Code	Value and Description
12995	4.6	0	Error/other
5662	2.0	1	Overturn
37	0.0	2	Train
1592	0.6	3	Parked vehicle
7579	2.7	4	Backing
1299	0.5	5	Parking
2092	0.7	6	Pedestrian
36571	13.0	7	Fixed object
2807	1.0	8	Other object
56621	20.1	9	Animal
1911	0.7	10	Bicycle
3291	1.2	11	Head-on
24680	8.7	12	Angle straight
59909	21.2	13	Rear straight
9206	3.3	14	Angle turn
24428	8.7	15	Sideswipe same direction
2993	1.1	16	Rear left turn
2669	0.9	17	Rear right turn
2214	0.8	18	Other drive
6665	2.4	19	Angle drive
4798	1.7	20	Rear end drive
5214	1.8	21	Sideswipe opposite direction
5269	1.9	22	Head on left turn
696	0.2	23	Dual left turn lane
877	0.3	24	Dual right turn lane

---

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

---

2010	Prcnt	Code	Value and Description
231849	82.2	0	No lane departure
42354	15.0	1	Single vehicle
5649	2.0	2	Multiple vehicle

## Variable 84: CRASH: LANE DEPARTURE (Continued)

2010 Prcnt	Code Value and Description
------------	----------------------------

2223	0.8	3	Parked vehicle
------	-----	---	----------------

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

2010 Prcnt	Code Value and Description
------------	----------------------------

199473	70.7	0	Not intersection crash
82602	29.3	1	Intersection crash

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

Youngest driver code takes priority

2010 Prcnt	Code Value and Description
------------	----------------------------

188564	66.8	0	No driver < 25 yrs old
625	0.2	15	Driver age 15 or younger
7846	2.8	16	Driver age 16
10540	3.7	17	Driver age 17
37914	13.4	20	Driver age 18-20
36586	13.0	24	Driver age 21-24

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

Older driver code takes priority

2010 Prcnt	Code Value and Description
------------	----------------------------

223668	79.3	0	No driver > 59 yrs old
20442	7.2	64	Driver age 60-64
22668	8.0	74	Driver age 65-74
11800	4.2	84	Driver age 75-84
3497	1.2	85	Driver age 85 or older

The VEHICLE Variables

Variables 100 through 180 describe the traffic units (motor vehicles, pedestrians, pedalcyclists, parked cars, etc.) involved in the crash. They are included in all Vehicle and Occupant/Person data sets.

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

TCRS Variable - unit\_num

	2010 Prcnt	Code	Value and Description
282077	59.6	1	Unit 1
175492	37.1	2	Unit 2
13334	2.8	3	Unit 3
1962	0.4	4	Unit 4
333	0.1	5	Unit 5
81	0.0	6	Unit 6
19	0.0	7	Unit 7
7	0.0	8	Unit 8
1	0.0	9	Unit 9

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

TCRS Variable - vehc\_type\_cd

	2010 Prcnt	Code	Value and Description
350120	74.0	1	Passenger car & station wagon (PA)
25905	5.5	2	Van, motorhome (VA)
57404	12.1	3	Pickup truck (PU)
10771	2.3	4	Small truck under 10,000 lbs. GVWR (ST)
3362	0.7	5	Cycle (CY)
339	0.1	6	Moped (MO)
33	0.0	7	Go Cart (GC)
156	0.0	8	Snowmobile (SM)
223	0.0	9	Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV (OR)
1809	0.4	10	Other (non-registered farm equipment, combine, front-end loader, snow plow, farm tractor, or road grader)
10729	2.3	11	Truck/bus over 10,000 lbs.
12455	2.6	99	Uncoded & errors

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

## TCRS Variable - type

2010 Prcnt	Code	Value and Description
468968	99.1	1 Motor vehicle (M) (any motorized vehicle designed to be operated on land)
2325	0.5	2 Pedestrian (P)
1976	0.4	3 Bicycle (B)
37	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.

2010 Prcnt	Code	Value and Description
4843	1.0	1 Commercial truck AA (Group A vehicle)
86	0.0	2 Commercial truck AH (Group A vehicle, hazardous)
189	0.0	3 Commercial truck AN (Group A vehicle, tank)
72	0.0	4 Commercial truck AP (Group A vehicle, passenger)
322	0.1	5 Commercial truck AT (Group A vehicle, double/triple)
74	0.0	6 Commercial truck AX (Group A vehicle, tank & hazardous)
19	0.0	7 Commercial truck AY (Group A vehicle, tank & double/triple)
9	0.0	8 Commercial truck AZ (Group A vehicle, hazardous, double/triple)
17	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.

1289	0.3	10 Commercial truck BB (Group B)
19	0.0	11 Commercial truck BH (Group B, hazardous)
80	0.0	12 Commercial truck BN (Group B, tank)
461	0.1	13 Commercial truck BP (Group B, passenger)
18	0.0	14 Commercial truck BX (Group B, tank & hazardous)

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

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

40	0.0	15	Commercial truck CH (Group C, hazardous)
211	0.0	16	Commercial truck CP (Group C, passenger)
43	0.0	17	Commercial truck CX (Group C, tank & hazardous)
925	0.2	18	Other
139	0.0	19	Commercial vehicle AS (Group A vehicle - bus)
571	0.1	20	Commercial vehicle BS (Group B vehicle - bus)
119	0.0	21	Commercial vehicle CS (Group C vehicle - bus)
462314	97.7	98	Non-CDL vehicle, no truck supplement data
1446	0.3	99	Non-numeric data

---

Variable 104	CDL CARGO BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 88

---

TCRS Variable - crgo\_body\_type\_cd

CDL CARGO BODY TYPE FROM TRUCK SUPPLEMENT DATA

2010	Prcnt	Code	Value and Description
4238	0.9	1	Van (enclosed box)
480	0.1	2	Cargo tank
1014	0.2	3	Flatbed / platform
880	0.2	4	Dump
56	0.0	5	Concrete mixer
150	0.0	6	Auto transporter
275	0.1	7	Garbage / refuse
2229	0.5	8	Other (prior to 2009: other/unknown/bus)
1	0.0	15	Bus (has seating of 9 to 15 including the driver)
1669	0.4	88	Not entered
462314	97.7	99	Not reported

---

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

---

TCRS Variable - spcl\_vehc\_cd

2010	Prcnt	Code	Value and Description
468769	99.0	0	Not special vehicle
1666	0.4	1	Police vehicle
175	0.0	2	Fire vehicle
1264	0.3	3	Bus (commercial, private, school)
281	0.1	4	Ambulance
158	0.0	5	Farm equipment (non-registered)
739	0.2	6	Construction / maintenance equipment
254	0.1	9	Uncoded & errors

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Variable 106	VEHICLE USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## TCRS Variable - prmy\_vehc\_use\_cd

2010 Prcnt	Code	Value and Description
422384	89.2	1 Private
19740	4.2	2 Commercial (business)
569	0.1	3 In pursuit / on emergency
338	0.1	4 Farm use
1048	0.2	5 School / education
231	0.0	6 Club / church ("Y" tag)
49	0.0	7 Military vehicle
2845	0.6	8 Other government nonemergency vehicle use
276	0.1	9 Utility (gas, cable, etc.)
444	0.1	10 Road construction / maintenance
1176	0.2	11 Other
24206	5.1	99 Uncoded & errors

Variable 107	VEHICLE DEFECT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## TCRS Variable - vehc\_dfct\_cd

2010 Prcnt	Code	Value and Description
818	0.2	1 Brakes
124	0.0	2 Lights / reflectors
137	0.0	3 Steering
492	0.1	4 Tires / wheels
23	0.0	5 Windows
653	0.1	6 Other
471059	99.5	9 Uncoded & errors

Variable 108	NONCOMM TRAILER CONFIG	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## TCRS Variable - priv\_trlr\_type\_cd

2010 Prcnt	Code	Value and Description
Noncommercial Trailer Configuration		
1429	0.3	1 Utility
248	0.1	2 Travel trailer
248	0.1	3 Boat trailer
153	0.0	4 Farm equipment
111	0.0	5 Towed auto
37	0.0	6 Recreational double
733	0.2	7 Other
470347	99.4	9 Uncoded & errors



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.

2010 Prcnt	Code	Value and Description
		UNITED STATES
144	0.0	1 (AL) Alabama
30	0.0	2 (AK) Alaska
263	0.1	4 (AZ) Arizona
76	0.0	5 (AR) Arkansas
238	0.1	6 (CA) California
93	0.0	8 (CO) Colorado
51	0.0	9 (CT) Connecticut
9	0.0	10 (DE) Delaware
15	0.0	11 (DC) District of Columbia
916	0.2	12 (FL) Florida
302	0.1	13 (GA) Georgia
19	0.0	15 (HI) Hawaii
28	0.0	16 (ID) Idaho
2313	0.5	17 (IL) Illinois
2486	0.5	18 (IN) Indiana
174	0.0	19 (IA) Iowa
71	0.0	20 (KS) Kansas
293	0.1	21 (KY) Kentucky
80	0.0	22 (LA) Louisiana
55	0.0	23 (ME) Maine
123	0.0	24 (MD) Maryland
111	0.0	25 (MA) Massachusetts
425890	90.0	26 (MI) Michigan
298	0.1	27 (MN) Minnesota
99	0.0	28 (MS) Mississippi
271	0.1	29 (MO) Missouri
73	0.0	30 (MT) Montana
122	0.0	31 (NE) Nebraska
36	0.0	32 (NV) Nevada
33	0.0	33 (NH) New Hampshire
128	0.0	34 (NJ) New Jersey
25	0.0	35 (NM) New Mexico
314	0.1	36 (NY) New York
281	0.1	37 (NC) North Carolina
20	0.0	38 (ND) North Dakota
2990	0.6	39 (OH) Ohio
243	0.1	40 (OK) Oklahoma
61	0.0	41 (OR) Oregon
319	0.1	42 (PA) Pennsylvania
26	0.0	44 (RI) Rhode Island
144	0.0	45 (SC) South Carolina
26	0.0	46 (SD) South Dakota
444	0.1	47 (TN) Tennessee
487	0.1	48 (TX) Texas
40	0.0	49 (UT) Utah
18	0.0	50 (VT) Vermont

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## Variable 109:REGISTRATION STATE (Continued)

2010	Prcnt	Code	Value and Description
221	0.0	51	(VA) Virginia
74	0.0	53	(WA) Washington
46	0.0	54	(WV) West Virginia
1144	0.2	55	(WI) Wisconsin
32	0.0	56	(WY) Wyoming
US TERRITORY			
3	0.0	69	(MP) Northern Mariana Islands
33	0.0	75	(MH) Marshall Islands
5	0.0	78	(VI) Virgin Islands
CANADA			
25	0.0	101	(AB) Alberta
10	0.0	102	(BC) British Columbia
20	0.0	103	(MB) Manitoba
16	0.0	104	(NB) New Brunswick
2	0.0	106	(NT) Northwest Territories
2	0.0	107	(NS) Nova Scotia
1299	0.3	108	(ON) Ontario
3	0.0	109	(PE) Prince Edward Island
53	0.0	110	(PQ,QC) Quebec
5	0.0	111	(SK) Saskatchewan
2	0.0	112	(YT) Yukon Territory
MEXICO			
1	0.0	206	(CI) Chihuahua
1	0.0	207	(CH) Coahuila de Zaragoza
5	0.0	215	(MX) Mexico (State)
3	0.0	216	(MC) Michoacan de Ocampo
1	0.0	218	(NA) Nayarit
1	0.0	220	(OA) Oaxaca
1	0.0	222	(QE) Queretaro de Arteaga
2	0.0	225	(SI) Sinaloa
1	0.0	227	(TB) Tabasco
1	0.0	229	(TL) Tlaxcala
2	0.0	232	(ZA) Zacatecas
INTERNATIONAL			
1	0.0	306	(HO) Honduras
199	0.0	307	(XX) International
9	0.0	308	(NI) Nicaragua
UNKNOWN			
29805	6.3	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

2010	Prcnt	Code	Value and Description
2908	0.6	0	Rollover
135649	28.7	1	Front, center
63330	13.4	2	Front, right
28412	6.0	3	Side, right
21710	4.6	4	Rear, right
70415	14.9	5	Rear, center
23223	4.9	6	Rear, left
33513	7.1	7	Side, left
64919	13.7	8	Front, left
2412	0.5	9	Undercarriage
1599	0.3	10	Multiple areas
4753	1.0	11	Other / unknown
10562	2.2	12	None
9901	2.1	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

2010	Prcnt	Code	Value and Description
8188	1.7	0	Rollover
130058	27.5	1	Front, center
58864	12.4	2	Front, right
28109	5.9	3	Side, right
20067	4.2	4	Rear, right
65050	13.7	5	Rear, center
22307	4.7	6	Rear, left
33797	7.1	7	Side, left
59835	12.6	8	Front, left
3029	0.6	9	Undercarriage
12110	2.6	10	Multiple areas
4401	0.9	11	Other / unknown
15097	3.2	12	None
12394	2.6	99	Uncoded & errors

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

## TCRS Variable - damg\_exnt

2010 Prcnt	Code	Value and Description
24566	5.2	0 No damage
144976	30.6	1 Slight damage
122886	26.0	2 Slight damage
80906	17.1	3 Moderate damage
43953	9.3	4 Moderate damage
21175	4.5	5 Moderate damage
10974	2.3	6 Heavy damage
8257	1.7	7 Heavy damage, not repairable
15613	3.3	9 Uncoded & errors

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

## TCRS Variable - vehc\_drvb\_ind

2010 Prcnt	Code	Value and Description
130456	27.6	0 Not driveable after crash
334975	70.8	1 Driveable after crash
7875	1.7	9 Uncoded & errors

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

## TCRS Variable - prr\_actn\_cd

2010 Prcnt	Code	Value and Description
		Driver/cyclist action
251614	53.2	1 Going straight ahead
30828	6.5	2 Turning left
12482	2.6	3 Turning right
49502	10.5	4 Stopped on roadway
503	0.1	5 Involved in prior crash at same location
11537	2.4	6 Changing lanes
10924	2.3	7 Backing
43566	9.2	8 Slowing/stopping on roadway
597	0.1	9 Slowing/stopping on other area
9981	2.1	10 Starting up on roadway
217	0.0	11 Starting up on other area
492	0.1	12 Entering parking
1264	0.3	13 Leaving parking
6120	1.3	14 Entering roadway
754	0.2	15 Leaving roadway
924	0.2	16 Making U-turn

Variable 114:ACTION PRIOR TO CRASH (Continued)

2010 Prcnt		Code	Value and Description
3108	0.7	17	Overtaking or passing
738	0.2	18	Avoiding object
112	0.0	19	Avoiding pedestrian
3638	0.8	20	Avoiding vehicle (front/back)
1603	0.3	21	Avoiding vehicle (angle)
202	0.0	22	Driverless moving
16893	3.6	23	Parked
			Pedestrian action
1017	0.2	24	Crossing at intersection
688	0.1	25	Crossing not at intersection
31	0.0	26	Getting on / off vehicle
272	0.1	27	In roadway with traffic
77	0.0	28	In roadway against traffic
108	0.0	29	Standing / laying in roadway
31	0.0	30	Pushing / working on vehicle
77	0.0	31	Other work in roadway
49	0.0	32	Playing in roadway
173	0.0	33	In roadway other reason
160	0.0	34	Not in roadway
506	0.1	35	Other
7519	1.6	36	Unknown
			Driver/cyclist action (continued)
1171	0.2	37	Avoiding animal
3828	0.8	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.

2010 Prcnt		Code	Value and Description
112231	23.7	1	East
114608	24.2	2	North
2394	0.5	3	Northeast
2862	0.6	4	Northwest
113606	24.0	5	South
2744	0.6	6	Southeast
2091	0.4	7	Southwest
108916	23.0	8	West
13854	2.9	9	Uncoded & errors

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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

2010	Prcnt	Code	Value and Description
4243	0.9	0	Uncoded & errors
Noncollision Event			
38098	8.0	1	Loss of control
3837	0.8	2	Cross centerline / median
4196	0.9	3	Ran off roadway left
9090	1.9	4	Ran off roadway right
212	0.0	5	Re-enter roadway
494	0.1	6	Overturn
381	0.1	7	Separation of units
776	0.2	8	Fire / explosion
53	0.0	9	Immersion
273	0.1	10	Jackknife
97	0.0	11	Downhill runaway
718	0.2	12	Cargo loss / shift
142	0.0	13	Individual fell from vehicle
2890	0.6	14	Other noncollision
Collision With Nonfixed Objects			
1840	0.4	15	Pedestrian
1688	0.4	16	Bicyclist (pedalcycle)
324635	68.6	17	Motor vehicle in transport (a motor vehicle in motion, or on a roadway illegally parked)
12366	2.6	18	Parked motor vehicle (legally)
47	0.0	19	Railroad train / engineer
57004	12.0	20	Animal
3952	0.8	21	Other nonfixed object
Collision With Fixed Object			
113	0.0	22	Bridge / pier / abutment
129	0.0	23	Bridge parapet end
62	0.0	24	Bridge rail
285	0.1	25	Guardrail face
74	0.0	26	Guardrail end
350	0.1	27	Median barrier
401	0.1	28	Highway traffic sign post
60	0.0	29	Highway signal post
113	0.0	30	Luminaire / light support
530	0.1	31	Utility pole
191	0.0	32	Other pole
31	0.0	33	Culvert
855	0.2	34	Curb
387	0.1	35	Ditch
101	0.0	36	Embankment
281	0.1	37	Fence
309	0.1	38	Mailbox
940	0.2	39	Tree

Variable 116:SEQUENCE OF EVENTS #1 (Continued)

2010	Prcnt	Code	Value and Description
40	0.0	40	Railroad crossing signal
106	0.0	41	Building
31	0.0	42	Traffic island
101	0.0	43	Fire hydrant
13	0.0	44	Impact attenuator (crash cushion)
771	0.2	45	Other fixed object

---

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

2010	Prcnt	Code	Value and Description
398314	84.2	0	Uncoded & errors
Noncollision Event			
3637	0.8	1	Loss of control
2736	0.6	2	Cross centerline / median
8540	1.8	3	Ran off roadway left
11569	2.4	4	Ran off roadway right
512	0.1	5	Re-enter roadway
1677	0.4	6	Overturn
857	0.2	7	Separation of units
93	0.0	8	Fire / explosion
28	0.0	9	Immersion
136	0.0	10	Jackknife
31	0.0	11	Downhill runaway
50	0.0	12	Cargo loss / shift
241	0.1	13	Individual fell from vehicle
285	0.1	14	Other noncollision
Collision With Nonfixed Objects			
177	0.0	15	Pedestrian
88	0.0	16	Bicyclist (pedalcycle)
19930	4.2	17	Motor vehicle in transport (a motor vehicle in motion, or on a roadway illegally parked)
1840	0.4	18	Parked motor vehicle (legally)
9	0.0	19	Railroad train / engineer
292	0.1	20	Animal
489	0.1	21	Other nonfixed object
Collision With Fixed Object			
251	0.1	22	Bridge / pier / abutment
36	0.0	23	Bridge parapet end
195	0.0	24	Bridge rail
1770	0.4	25	Guardrail face
268	0.1	26	Guardrail end

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

2010	Prcnt	Code	Value and Description
2604	0.6	27	Median barrier
1646	0.3	28	Highway traffic sign post
136	0.0	29	Highway signal post
291	0.1	30	Luminaire / light support
1473	0.3	31	Utility pole
556	0.1	32	Other pole
258	0.1	33	Culvert
1960	0.4	34	Curb
2856	0.6	35	Ditch
704	0.1	36	Embankment
549	0.1	37	Fence
1337	0.3	38	Mailbox
2955	0.6	39	Tree
27	0.0	40	Railroad crossing signal
276	0.1	41	Building
40	0.0	42	Traffic island
268	0.1	43	Fire hydrant
31	0.0	44	Impact attenuator (crash cushion)
1288	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

2010	Prcnt	Code	Value and Description
438893	92.7	0	Uncoded & errors
Noncollision Event			
336	0.1	1	Loss of control
233	0.0	2	Cross centerline / median
1995	0.4	3	Ran off roadway left
1469	0.3	4	Ran off roadway right
482	0.1	5	Re-enter roadway
3792	0.8	6	Overturn
148	0.0	7	Separation of units
33	0.0	8	Fire / explosion
23	0.0	9	Immersion
68	0.0	10	Jackknife
11	0.0	11	Downhill runaway
14	0.0	12	Cargo loss / shift
158	0.0	13	Individual fell from vehicle
101	0.0	14	Other noncollision
Collision With Nonfixed Objects			
46	0.0	15	Pedestrian
8	0.0	16	Bicyclist (pedalcycle)



Variable 118:SEQUENCE OF EVENTS #3 (Continued)

2010	Prcnt	Code	Value and Description
3598	0.8	17	Motor vehicle in transport (a motor vehicle in motion, or on a roadway illegally parked)
550	0.1	18	Parked motor vehicle (legally)
1	0.0	19	Railroad train / engineer
20	0.0	20	Animal
244	0.1	21	Other nonfixed object
Collision With Fixed Object			
115	0.0	22	Bridge / pier / abutment
13	0.0	23	Bridge parapet end
123	0.0	24	Bridge rail
1383	0.3	25	Guardrail face
228	0.0	26	Guardrail end
1539	0.3	27	Median barrier
1488	0.3	28	Highway traffic sign post
136	0.0	29	Highway signal post
242	0.1	30	Luminaire / light support
1306	0.3	31	Utility pole
430	0.1	32	Other pole
319	0.1	33	Culvert
652	0.1	34	Curb
4300	0.9	35	Ditch
920	0.2	36	Embankment
719	0.2	37	Fence
1060	0.2	38	Mailbox
4492	0.9	39	Tree
12	0.0	40	Railroad crossing signal
286	0.1	41	Building
15	0.0	42	Traffic island
222	0.0	43	Fire hydrant
16	0.0	44	Impact attenuator (crash cushion)
1067	0.2	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

2010	Prcnt	Code	Value and Description
462716	97.8	0	Uncoded & errors
Noncollision Event			
28	0.0	1	Loss of control
14	0.0	2	Cross centerline / median
173	0.0	3	Ran off roadway left
186	0.0	4	Ran off roadway right
169	0.0	5	Re-enter roadway

## Variable 119:SEQUENCE OF EVENTS #4 (Continued)

2010	Prcnt	Code	Value and Description
2282	0.5	6	Overturn
31	0.0	7	Separation of units
47	0.0	8	Fire / explosion
19	0.0	9	Immersion
17	0.0	10	Jackknife
5	0.0	11	Downhill runaway
8	0.0	12	Cargo loss / shift
84	0.0	13	Individual fell from vehicle
21	0.0	14	Other noncollision
			Collision With Nonfixed Objects
9	0.0	15	Pedestrian
713	0.2	17	Motor vehicle in transport (a motor vehicle in motion, or on a roadway illegally parked)
212	0.0	18	Parked motor vehicle (legally)
10	0.0	20	Animal
79	0.0	21	Other nonfixed object
			Collision With Fixed Object
34	0.0	22	Bridge / pier / abutment
2	0.0	23	Bridge parapet end
30	0.0	24	Bridge rail
297	0.1	25	Guardrail face
29	0.0	26	Guardrail end
273	0.1	27	Median barrier
275	0.1	28	Highway traffic sign post
25	0.0	29	Highway signal post
59	0.0	30	Luminaire / light support
374	0.1	31	Utility pole
131	0.0	32	Other pole
114	0.0	33	Culvert
92	0.0	34	Curb
1329	0.3	35	Ditch
271	0.1	36	Embankment
309	0.1	37	Fence
184	0.0	38	Mailbox
1981	0.4	39	Tree
3	0.0	40	Railroad crossing signal
175	0.0	41	Building
2	0.0	42	Traffic island
58	0.0	43	Fire hydrant
2	0.0	44	Impact attenuator (crash cushion)
434	0.1	45	Other fixed object

---

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

---

TCRS Variable - most\_harm\_ind

FIRST EVENT WAS MOST HARMFUL IN CRASH

2010	Prcnt	Code	Value and Description
71481	15.1	0	No
401825	84.9	1	Yes, 1st event was most harmful

---

Variable 121	EVENT 2 MOST HARMFUL	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - most\_harm\_ind

SECOND EVENT WAS MOST HARMFUL IN CRASH

2010	Prcnt	Code	Value and Description
439689	92.9	0	No
33617	7.1	1	Yes, 2nd event was most harmful

---

Variable 122	EVENT 3 MOST HARMFUL	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - most\_harm\_ind

THIRD EVENT WAS MOST HARMFUL IN CRASH

2010	Prcnt	Code	Value and Description
452635	95.6	0	No
20671	4.4	1	Yes, 3rd event was most harmful

---

Variable 123	EVENT 4 MOST HARMFUL	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - most\_harm\_ind

FOURTH EVENT WAS MOST HARMFUL IN CRASH

2010	Prcnt	Code	Value and Description
466875	98.6	0	No
6431	1.4	1	Yes, 4th event was most harmful

STATE OF MICHIGAN  
2010 - Vehicle/Driver

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

2010	Prcnt	Code	Value and Description
Noncollision Event			
6586	1.4	0	Uncoded & errors
Noncollision Event			
1919	0.4	1	Loss of control
385	0.1	2	Cross centerline / median
605	0.1	3	Ran off roadway left
1029	0.2	4	Ran off roadway right
65	0.0	5	Re-enter roadway
6215	1.3	6	Overturn
209	0.0	7	Separation of units
399	0.1	8	Fire / explosion
61	0.0	9	Immersion
235	0.0	10	Jackknife
70	0.0	11	Downhill runaway
545	0.1	12	Cargo loss / shift
388	0.1	13	Individual fell from vehicle
1162	0.2	14	Other noncollision
Collision With Nonfixed Objects			
1875	0.4	15	Pedestrian
1723	0.4	16	Bicyclist (pedalcycle)
332392	70.2	17	Motor vehicle in transport
13473	2.8	18	Parked motor vehicle
49	0.0	19	Railroad train / engineer
56238	11.9	20	Animal
4180	0.9	21	Other nonfixed object
Collision With Fixed Object			
422	0.1	22	Bridge / pier / abutment
130	0.0	23	Bridge parapet end
317	0.1	24	Bridge rail
2958	0.6	25	Guardrail face
502	0.1	26	Guardrail end
3824	0.8	27	Median barrier
2426	0.5	28	Highway traffic sign post
224	0.0	29	Highway signal post
525	0.1	30	Luminaire / light support
2932	0.6	31	Utility pole
876	0.2	32	Other pole
520	0.1	33	Culvert
1354	0.3	34	Curb
5620	1.2	35	Ditch
1209	0.3	36	Embankment
979	0.2	37	Fence
1822	0.4	38	Mailbox

Variable 124: MOST HARMFUL EVENT (Continued)

2010	Prcnt	Code	Value and Description
8774	1.9	39	Tree
67	0.0	40	Railroad crossing signal
634	0.1	41	Building
46	0.0	42	Traffic island
484	0.1	43	Fire hydrant
50	0.0	44	Impact attenuator (crash cushion)
2632	0.6	45	Other fixed object
4176	0.9	98	No event coded as most harmful

---

Variable 125	HAZARDOUS ACTION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

TCRS Variable - hzrd\_actn\_cd

2010	Prcnt	Code	Value and Description
242939	51.3	0	None
28783	6.1	1	Speed too fast
365	0.1	2	Speed too slow
39746	8.4	3	Failed to yield
9537	2.0	4	Disregard traffic control
349	0.1	5	Drove wrong way
2201	0.5	6	Drove left of center
2237	0.5	7	Improper passing
9146	1.9	8	Improper lane use
4298	0.9	9	Improper turn
636	0.1	10	Improper / no signal
7785	1.6	11	Improper backing
62599	13.2	12	Unable to stop in assured clear distance
17499	3.7	13	Other
16510	3.5	14	Unknown
2302	0.5	15	Reckless driving
12234	2.6	16	Careless / negligent driving
14140	3.0	99	Uncoded & errors

---

Variable 126	DRIVER HAZARDOUS CITATN	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - haz\_cit\_ind

2010	Prcnt	Code	Value and Description
379229	80.1	0	No hazardous citation
94077	19.9	1	Hazardous citation issued

STATE OF MICHIGAN  
2010 - Vehicle/Driver

---

Variable 127	DRIVER OTHER CITATION	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

## TCRS Variable - oth\_citn\_ind

2010 Prcnt	Code	Value and Description
447778 94.6	0	No citation
25528 5.4	1	Citation issued

---

Variable 128	DRIVER DRINKING	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

## TCRS Variable - alch\_susp\_ind

2010 Prcnt	Code	Value and Description
463213 97.9	0	Not drinking
10093 2.1	1	Driver drinking

---

Variable 129	REFUSAL INFORMATION- ALC	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

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

2010 Prcnt	Code	Value and Description
472543 99.8	0	Did not refuse alcohol test or not offered
763 0.2	1	Refused alcohol test

---

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

---

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

2010 Prcnt	Code	Value and Description
470822 99.5	0	No field sobriety test
2484 0.5	1	Field sobriety test given

---

Variable 131	PBT TEST - ALCOHOL	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

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

2010 Prcnt	Code	Value and Description
467229 98.7	0	No preliminary alcohol blood test

Variable 131:PBT TEST - ALCOHOL (Continued)

2010	Prcnt	Code	Value and Description
6077	1.3	1	Preliminary alcohol blood test given

---

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

---

TCRS Variable - alch\_brth\_test\_ind

2010	Prcnt	Code	Value and Description
470087	99.3	0	No breathalyzer test
3219	0.7	1	Breathalyzer test given

---

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

---

TCRS Variable - alch\_urne\_test\_ind

2010	Prcnt	Code	Value and Description
473228	100.0	0	No alcohol urine test
78	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

2010	Prcnt	Code	Value and Description
469936	99.3	0	No alcohol blood test
3370	0.7	1	Alcohol blood test given

---

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

---

TCRS Variable - alch\_test\_not\_ofrd

2010	Prcnt	Code	Value and Description
186398	39.4	0	No alcohol test offered
286908	60.6	1	Alcohol test offered

STATE OF MICHIGAN  
2010 - Vehicle/Driver

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

TCRS Variable - alch\_test\_rslt

2010 Prcnt      Code Value and Description

1261	0.3	0.00	BAC 0.00
41	0.0	0.01	BAC 0.01
63	0.0	0.02	BAC 0.02
58	0.0	0.03	BAC 0.03
87	0.0	0.04	BAC 0.04
89	0.0	0.05	BAC 0.05
90	0.0	0.06	BAC 0.06
115	0.0	0.07	BAC 0.07
74	0.0	0.08	BAC 0.08
70	0.0	0.09	BAC 0.09
127	0.0	0.10	BAC 0.10
119	0.0	0.11	BAC 0.11
138	0.0	0.12	BAC 0.12
170	0.0	0.13	BAC 0.13
180	0.0	0.14	BAC 0.14
203	0.0	0.15	BAC 0.15
179	0.0	0.16	BAC 0.16
211	0.0	0.17	BAC 0.17
179	0.0	0.18	BAC 0.18
157	0.0	0.19	BAC 0.19
172	0.0	0.20	BAC 0.20
117	0.0	0.21	BAC 0.21
130	0.0	0.22	BAC 0.22
108	0.0	0.23	BAC 0.23
91	0.0	0.24	BAC 0.24
61	0.0	0.25	BAC 0.25
68	0.0	0.26	BAC 0.26
47	0.0	0.27	BAC 0.27
31	0.0	0.28	BAC 0.28
28	0.0	0.29	BAC 0.29
24	0.0	0.30	BAC 0.30
23	0.0	0.31	BAC 0.31
24	0.0	0.32	BAC 0.32
9	0.0	0.33	BAC 0.33
8	0.0	0.34	BAC 0.34
8	0.0	0.35	BAC 0.35
3	0.0	0.36	BAC 0.36
2	0.0	0.37	BAC 0.37
2	0.0	0.38	BAC 0.38
4	0.0	0.39	BAC 0.39
2	0.0	0.40	BAC 0.40
4	0.0	0.41	BAC 0.41
1	0.0	0.43	BAC 0.43
2	0.0	0.44	BAC 0.44
2	0.0	0.45	BAC 0.45
1	0.0	0.46	BAC 0.46
1	0.0	0.48	BAC 0.48
1	0.0	0.60	BAC 0.60
1	0.0	0.68	BAC 0.68



Variable 136:TEST RESULT - ALCOHOL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	0.72	BAC 0.72
1	0.0	0.75	BAC 0.75
1	0.0	0.77	BAC 0.77
1	0.0	0.81	BAC 0.81
1	0.0	0.83	BAC 0.83
1	0.0	0.95	BAC 0.95
1	0.0	0.97	BAC 0.97
1	0.0	0.98	BAC 0.98
468712	99.0	9.99	Missing data

---

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

TCRS Variable - igil\_ind

2010	Prcnt	Code	Value and Description
472506	99.8	0	No ignition interlock
800	0.2	1	Ignition interlock present

---

Variable 138      DRUGS SUSPECTED      Width: 1      Type: Numeric  
Dec:    None      Miss: None

TCRS Variable - drug\_susp\_ind

2010	Prcnt	Code	Value and Description
471360	99.6	0	No drugs suspected
1946	0.4	1	Drugs suspected

---

Variable 139      BLOOD TEST - DRUG      Width: 1      Type: Numeric  
Dec:    None      Miss: 0

FLAG: DRIVER GIVEN A "BLOOD TEST"

TCRS Variable - drug\_blood\_test\_ind

2010	Prcnt	Code	Value and Description
471419	99.6	0	No drug blood test
1887	0.4	1	Drug blood test given

STATE OF MICHIGAN  
2010 - Vehicle/Driver

Variable 140	URINE TEST - DRUG	Width: 1	Type: Numeric
		Dec: None	Miss: 0

FLAG: DRIVER GIVEN AN "URINE TEST"

TCRS Variable - drug\_urne\_test\_ind

2010	Prcnt	Code	Value and Description
473168	100.0	0	No drug urine test
138	0.0	1	Drug urine test given

Variable 141	TEST RESULT - DRUG	Width: 3	Type: Numeric
		Dec: None	Miss: None

TCRS Variable - drug\_test\_rslt

See Appendix A for the Drug Index

2010	Prcnt	Code	Value and Description
317	0.1	1	Negative
1	0.0	13	-
1	0.0	90	-
			Narcotic Drug (100-299)
1	0.0	100	Acetaminophen + Codeine
1	0.0	128	Codeine
1	0.0	140	Dimethylthiambutene
1	0.0	154	Heroin
3	0.0	155	Hydrocodone
1	0.0	170	Methylfentanyl
2	0.0	177	Morphine
2	0.0	180	Nicocodeine
1	0.0	187	Opium
1	0.0	197	Phenanthrine
1	0.0	208	Propoxyphene
1	0.0	216	Tilidine
			Depressant Drug (300-399)
1	0.0	304	Benzodiazepines
1	0.0	308	Butalbitol
1	0.0	376	Carisoprodol
			Stimulant Drug (400-499)
2	0.0	402	Benzoyllecgonine
14	0.0	407	Cocaine
1	0.0	417	Methamphetamine
			Hallucinogen Drug (500-599)
1	0.0	500	Amphetamine Variants
1	0.0	513	Methylenedioxymetham-phetamine (MDMA)

Variable 141:TEST RESULT - DRUG (Continued)

2010	Prcnt	Code	Value and Description
Cannabinoid Drug (600-699)			
2	0.0	600	Delta 9
2	0.0	603	Marijuana/Marihuana
77	0.0	606	THC
7	0.0	695	"Cannabinoid, Type Unknown"
Phencyclidine (PCP) (700-799)			
Anabolic Steroid (800-899)			
Inhalant Drug (900-995)			
2	0.0	996	"Other"
2	0.0	998	Tested; Drugs Found; type unknown
472850	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)

2010	Prcnt	Code	Value and Description
19296	4.1	0	0 occupants
331435	70.0	1	1 occupant
72969	15.4	2	2 occupants
19230	4.1	3	3 occupants
7995	1.7	4	4 occupants
2529	0.5	5	5 occupants
631	0.1	6	6 occupants
279	0.1	7	7 occupants
133	0.0	8	8 occupants
48	0.0	9	9 occupants
75	0.0	10	10 occupants
46	0.0	11	11 occupants
39	0.0	12	12 occupants
21	0.0	13	13 occupants
21	0.0	14	14 occupants
84	0.0	15	15 occupants
14	0.0	16	16 occupants
14	0.0	17	17 occupants
12	0.0	18	18 occupants
10	0.0	19	19 occupants
27	0.0	20	20 occupants
20	0.0	21	21 occupants
14	0.0	22	22 occupants
13	0.0	23	23 occupants
8	0.0	24	24 occupants

## Variable 142:TOTAL OCCUPANTS IN UNIT (Continued)

2010	Prcnt	Code	Value and Description
22	0.0	25	25 occupants
6	0.0	26	26 occupants
6	0.0	27	27 occupants
2	0.0	28	28 occupants
5	0.0	29	29 occupants
17	0.0	30	30 occupants
10	0.0	31	31 occupants
11	0.0	32	32 occupants
2	0.0	33	33 occupants
4	0.0	34	34 occupants
11	0.0	35	35 occupants
4	0.0	36	36 occupants
3	0.0	37	37 occupants
4	0.0	38	38 occupants
2	0.0	39	39 occupants
13	0.0	40	40 occupants
10	0.0	41	41 occupants
6	0.0	42	42 occupants
3	0.0	43	43 occupants
4	0.0	44	44 occupants
6	0.0	45	45 occupants
5	0.0	46	46 occupants
4	0.0	47	47 occupants
3	0.0	48	48 occupants
3	0.0	49	49 occupants
8	0.0	50	50 occupants
3	0.0	51	51 occupants
1	0.0	52	52 occupants
2	0.0	53	53 occupants
2	0.0	54	54 occupants
2	0.0	55	55 occupants
3	0.0	56	56 occupants
1	0.0	58	58 occupants
1	0.0	59	59 occupants
1	0.0	60	60 occupants
4	0.0	61	61 occupants
1	0.0	65	65 occupants
1	0.0	70	70 occupants
1	0.0	71	71 occupants
1	0.0	75	75 occupants
2	0.0	80	80 occupants
1	0.0	81	81 occupants
1	0.0	90	90 occupants
2	0.0	91	91 occupants
2	0.0	92	92 occupants
5	0.0	98	98+ occupants
18132	3.8	99	Missing data

Variable 143      NUMBER OF FATALS IN UNIT      Width: 3      Type: Numeric  
Dec:    None      Miss: None

TCRS Variable - num\_fatl

CJIC COMPUTED NUMBER OF FATALITIES IN VEHICLE

2010	Prcnt	Code	Value and Description
472426	99.8	0	0 killed
832	0.2	1	1 killed
42	0.0	2	2 killed
4	0.0	3	3 killed
1	0.0	4	4 killed
1	0.0	5	5 killed

Variable 144      NUMBER OF INJURIES- UNIT      Width: 3      Type: Numeric  
Dec:    None      Miss: None

TCRS Variable - num\_injy

CJIC COMPUTED NUMBER OF INJURIES IN VEHICLE

2010	Prcnt	Code	Value and Description
412762	87.2	0	0 injured
52673	11.1	1	1 injured
6292	1.3	2	2 injured
1275	0.3	3	3 injured
189	0.0	4	4 injured
77	0.0	5	5 injured
19	0.0	6	6 injured
8	0.0	7	7 injured
6	0.0	8	8 injured
1	0.0	9	9 injured
1	0.0	10	10 injured
1	0.0	11	11 injured
1	0.0	13	13 injured
1	0.0	18	18 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)

2010	Prcnt	Code	Value and Description
880	0.2	1	Fatal
5201	1.1	2	A - incapacitating injury
14837	3.1	3	B - nonincapacitating injury

## Variable 145:WORST INJURY IN VEHICLE (Continued)

2010 Prcnt	Code	Value and Description
40304 8.5	4	C - possible injury
412084 87.1	5	No injury

---

Variable 146	TOTAL KILLED IN VEHICLE	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

TDC Variable - numk

COMPUTED TOTAL KILLED IN TRAFFIC UNIT (TU)

2010 Prcnt	Code	Value and Description
472426 99.8	0	0 killed
832 0.2	1	1 killed
42 0.0	2	2 killed
4 0.0	3	3 killed
1 0.0	4	4 killed
1 0.0	5	5 killed

---

Variable 147	TU TOTAL A INJURED - VEH	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

TDC Variable - numa

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

2010 Prcnt	Code	Value and Description
467988 98.9	0	0 A-injured
4771 1.0	1	1 A-injured
452 0.1	2	2 A-injured
82 0.0	3	3 A-injured
9 0.0	4	4 A-injured
2 0.0	5	5 A-injured
1 0.0	6	6 A-injured
1 0.0	7	7 A-injured

---

Variable 148	TU TOTAL B INJURED - VEH	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

TDC Variable - numb

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

Variable 148:TU TOTAL B INJURED - VEH (Continued)

	2010 Prcnt	Code	Value and Description
457910	96.7	0	0 B-injured
14037	3.0	1	1 B-injured
1144	0.2	2	2 B-injured
173	0.0	3	3 B-injured
30	0.0	4	4 B-injured
9	0.0	5	5 B-injured
2	0.0	6	6 B-injured
1	0.0	7	7 B-injured

---

Variable 149	TU TOTAL C INJURED - VEH	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

TDC Variable - numc

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

	2010 Prcnt	Code	Value and Description
431221	91.1	0	0 C-injured
37658	8.0	1	1 C-injured
3680	0.8	2	2 C-injured
623	0.1	3	3 C-injured
68	0.0	4	4 C-injured
33	0.0	5	5 C-injured
12	0.0	6	6 C-injured
5	0.0	7	7 C-injured
3	0.0	8	8 C-injured
1	0.0	10	10 C-injured
1	0.0	11	11 C-injured
1	0.0	18	18 C-injured

---

Variable 150	TOTAL INJURED IN VEHICLE	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

TDC Variable - totinj

CJIC COMPUTED TOTAL INJURED IN TRAFFIC UNIT (TU)

	2010 Prcnt	Code	Value and Description
412762	87.2	0	0 injured
52673	11.1	1	1 injured
6292	1.3	2	2 injured
1275	0.3	3	3 injured
189	0.0	4	4 injured
77	0.0	5	5 injured
19	0.0	6	6 injured
8	0.0	7	7 injured

## Variable 150:TOTAL INJURED IN VEHICLE (Continued)

2010	Prcnt	Code	Value and Description
6	0.0	8	8 injured
1	0.0	9	9 injured
1	0.0	10	10 injured
1	0.0	11	11 injured
1	0.0	13	13 injured
1	0.0	18	18 injured

---

Variable 151	TOTAL CASUALTIES IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

TDC Variable - totcas

TDC COMPUTED TU TOTAL KILLED plus TU TOTAL INJURED

2010	Prcnt	Code	Value and Description
412084	87.1	0	0 casualties
53181	11.2	1	1 casualty
6404	1.4	2	2 casualties
1310	0.3	3	3 casualties
205	0.0	4	4 casualties
83	0.0	5	5 casualties
20	0.0	6	6 casualties
8	0.0	7	7 casualties
6	0.0	8	8 casualties
1	0.0	9	9 casualties
1	0.0	10	10 casualties
1	0.0	11	11 casualties
1	0.0	13	13 casualties
1	0.0	18	18 casualties

---

Variable 152	TOTAL UNINJURED IN UNIT	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

TDC Variable - totuninj

TDC COMPUTED TOTAL UNINJURED IN TRAFFIC UNIT (TU) NOT RELIABLE AS UNINJURED MAY NOT BE REPORTED

2010	Prcnt	Code	Value and Description
88288	18.7	0	0 person records
353162	74.6	1	1 person record
23450	5.0	2	2 person records
6551	1.4	3	3 person records
1336	0.3	4	4 person records
410	0.1	5	5 person records
59	0.0	6	6 person records



Variable 152:TOTAL UNINJURED IN UNIT (Continued)

2010	Prcnt	Code	Value and Description
25	0.0	7	7 person records
6	0.0	8	8 person records
1	0.0	9	9 person records
1	0.0	10	10 person records
5	0.0	11	11 person records
2	0.0	12	12 person records
1	0.0	14	14 person records
1	0.0	15	15 person records
1	0.0	17	17 person records
1	0.0	19	19 person records
1	0.0	22	22 person records
1	0.0	23	23 person records
2	0.0	26	26 person records
1	0.0	27	27 person records
1	0.0	31	31 person records

---

Variable 153	TDC TOTL OCC RECS FOR TU	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

TDC Variable - nocc

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

2010	Prcnt	Code	Value and Description
420043	88.7	1	1 person record
38841	8.2	2	2 person records
9675	2.0	3	3 person records
3408	0.7	4	4 person records
1090	0.2	5	5 person records
128	0.0	6	6 person records
58	0.0	7	7 person records
20	0.0	8	8 person records
6	0.0	9	9 person records
9	0.0	10	10 person records
4	0.0	11	11 person records
8	0.0	12	12 person records
2	0.0	13	13 person records
1	0.0	14	14 person records
3	0.0	15	15 person records
1	0.0	17	17 person records
3	0.0	19	19 person records
1	0.0	22	22 person records
1	0.0	23	23 person records
1	0.0	26	26 person records
1	0.0	27	27 person records
1	0.0	29	29 person records
1	0.0	37	37 person records



---

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

---

TCRS Variable - ab\_depl\_cd

2010	Prcnt	Code	Value and Description
27569	5.8	0	No airbag
38911	8.2	1	Deployed
367296	77.6	2	Not deployed
39530	8.4	3	Not equipped

---

Variable 157	DRIVER EJECTION	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - prty\_ejct\_ind

2010	Prcnt	Code	Value and Description
472184	99.8	0	No ejection
1122	0.2	1	Ejected

---

Variable 158	DRIVER TRAPPED	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - prty\_trap\_ind

2010	Prcnt	Code	Value and Description
471695	99.7	0	Not trapped
1611	0.3	1	Trapped

---

Variable 159	DRIVER LICENSE STATE	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

---

TCRS Variable - driv\_licn\_st

Recoded from original text. Value shown in parentheses.

2010	Prcnt	Code	Value and Description
			UNITED STATES
134	0.0	1	(AL) Alabama
40	0.0	2	(AK) Alaska
292	0.1	4	(AZ) Arizona
69	0.0	5	(AR) Arkansas
470	0.1	6	(CA) California
171	0.0	8	(CO) Colorado
67	0.0	9	(CT) Connecticut
12	0.0	10	(DE) Delaware

STATE OF MICHIGAN  
2010 - Vehicle/Driver

## Variable 159:DRIVER LICENSE STATE (Continued)

2010	Prcnt	Code	Value and Description
17	0.0	11	(DC) District of Columbia
1136	0.2	12	(FL) Florida
319	0.1	13	(GA) Georgia
26	0.0	15	(HI) Hawaii
21	0.0	16	(ID) Idaho
1831	0.4	17	(IL) Illinois
1786	0.4	18	(IN) Indiana
188	0.0	19	(IA) Iowa
70	0.0	20	(KS) Kansas
249	0.1	21	(KY) Kentucky
65	0.0	22	(LA) Louisiana
18	0.0	23	(ME) Maine
103	0.0	24	(MD) Maryland
133	0.0	25	(MA) Massachusetts
412037	87.1	26	(MI) Michigan
242	0.1	27	(MN) Minnesota
76	0.0	28	(MS) Mississippi
229	0.0	29	(MO) Missouri
33	0.0	30	(MT) Montana
31	0.0	31	(NE) Nebraska
84	0.0	32	(NV) Nevada
20	0.0	33	(NH) New Hampshire
97	0.0	34	(NJ) New Jersey
34	0.0	35	(NM) New Mexico
317	0.1	36	(NY) New York
246	0.1	37	(NC) North Carolina
21	0.0	38	(ND) North Dakota
2598	0.5	39	(OH) Ohio
70	0.0	40	(OK) Oklahoma
62	0.0	41	(OR) Oregon
267	0.1	42	(PA) Pennsylvania
14	0.0	44	(RI) Rhode Island
141	0.0	45	(SC) South Carolina
25	0.0	46	(SD) South Dakota
348	0.1	47	(TN) Tennessee
503	0.1	48	(TX) Texas
51	0.0	49	(UT) Utah
22	0.0	50	(VT) Vermont
186	0.0	51	(VA) Virginia
126	0.0	53	(WA) Washington
39	0.0	54	(WV) West Virginia
1020	0.2	55	(WI) Wisconsin
40	0.0	56	(WY) Wyoming
US TERRITORY			
3	0.0	72	(PR) Puerto Rico
2	0.0	75	(MH) Marshall Islands
2	0.0	78	(VI) Virgin Islands
CANADA			
18	0.0	101	(AB) Alberta
16	0.0	102	(BC) British Columbia

Variable 159:DRIVER LICENSE STATE (Continued)

2010	Prcnt	Code	Value and Description
15	0.0	103	(MB) Manitoba
6	0.0	104	(NB) New Brunswick
7	0.0	107	(NS) Nova Scotia
1363	0.3	108	(ON) Ontario
66	0.0	110	(PQ,QC) Quebec
7	0.0	111	(SK) Saskatchewan
MEXICO			
2	0.0	206	(CI) Chihuahua
2	0.0	207	(CH) Coahuila de Zaragoza
1	0.0	208	(CL) Colima
1	0.0	211	(GJ) Guanajuato
1	0.0	212	(GE) Guerrero
54	0.0	215	(MX) Mexico (State)
2	0.0	218	(NA) Nayarit
1	0.0	219	(NL) Nuevo Leon
1	0.0	220	(OA) Oaxaca
1	0.0	222	(QE) Queretaro de Arteaga
1	0.0	230	(VC) Veracruz-Llave
INTERNATIONAL			
1	0.0	302	(CZ) Canal Zone
1	0.0	305	(GT) Guatemala
340	0.1	307	(XX) International
1	0.0	308	(NI) Nicaragua
UNKNOWN			
45195	9.5	9999	(UK) Unknown

---

Variable 160	LICENSE TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

TCRS Variable - driv\_licn\_type\_cd

2010	Prcnt	Code	Value and Description
388376	82.1	1	Operators license
25478	5.4	2	Chauffeurs license
142	0.0	3	Moped license
59310	12.5	9	Uncoded & errors

---

Variable 161	LICENSE TYPE - CYCLE	Width: 1	Type: Numeric
		Dec: None	Miss: 8

---

TCRS Variable - driv\_licn\_type\_cd

## Variable 161: LICENSE TYPE - CYCLE (Continued)

	2010 Prcnt	Code	Value and Description
416479	88.0	0	No cycle
4465	0.9	1	Cycle
52362	11.1	8	Uncoded & errors

---

Variable 162	LICENSE TYPE - FARM	Width: 1	Type: Numeric
		Dec: None	Miss: 8

TCRS Variable - driv\_licn\_type\_cd

	2010 Prcnt	Code	Value and Description
420834	88.9	0	No farm
110	0.0	1	Farm
52362	11.1	8	Uncoded & errors

---

Variable 163	LICENSE-RECREATIONAL DBL	Width: 1	Type: Numeric
		Dec: None	Miss: 8

TCRS Variable - driv\_licn\_type\_cd

LICENSE ENDORSEMENT - RECREATIONAL DOUBLE

	2010 Prcnt	Code	Value and Description
420298	88.8	0	No recreational double
646	0.1	1	Recreational double
52362	11.1	8	Uncoded & errors

---

Variable 164	DRIVER BIRTH DATE	Width: 8	Type: Numeric
		Dec: None	Miss: None

TCRS Variable - prty\_brth\_date

DATE OF BIRTH - FORMAT YYYYMMDD

---

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

TCRS Variable - prty\_age

	2010 Prcnt	Code	Value and Description
229	0.0	0	Less than 1 year old
21	0.0	1	1 year old

Variable 165:DRIVER AGE (Continued)

2010	Prcnt	Code	Value and Description
18	0.0	2	2 years old
22	0.0	3	3 years old
20	0.0	4	4 years old
26	0.0	5	5 years old
42	0.0	6	6 years old
50	0.0	7	7 years old
54	0.0	8	8 years old
49	0.0	9	9 years old
76	0.0	10	10 years old
91	0.0	11	11 years old
128	0.0	12	12 years old
151	0.0	13	13 years old
229	0.0	14	14 years old
787	0.2	15	15 years old
8242	1.7	16	16 years old
11480	2.4	17	17 years old
13953	2.9	18	18 years old
14188	3.0	19	19 years old
13461	2.8	20	20 years old
12196	2.6	21	21 years old
11255	2.4	22	22 years old
10394	2.2	23	23 years old
9628	2.0	24	24 years old
9253	2.0	25	25 years old
8672	1.8	26	26 years old
8327	1.8	27	27 years old
8080	1.7	28	28 years old
8174	1.7	29	29 years old
7836	1.7	30	30 years old
7704	1.6	31	31 years old
7287	1.5	32	32 years old
7218	1.5	33	33 years old
6896	1.5	34	34 years old
6867	1.5	35	35 years old
7100	1.5	36	36 years old
7222	1.5	37	37 years old
7536	1.6	38	38 years old
8292	1.8	39	39 years old
8243	1.7	40	40 years old
7884	1.7	41	41 years old
7639	1.6	42	42 years old
7459	1.6	43	43 years old
7557	1.6	44	44 years old
8014	1.7	45	45 years old
8030	1.7	46	46 years old
8042	1.7	47	47 years old
7802	1.6	48	48 years old
7944	1.7	49	49 years old
7687	1.6	50	50 years old
7678	1.6	51	51 years old
7643	1.6	52	52 years old
7426	1.6	53	53 years old

## Variable 165:DRIVER AGE (Continued)

2010	Prcnt	Code	Value and Description
7090	1.5	54	54 years old
6772	1.4	55	55 years old
6519	1.4	56	56 years old
6130	1.3	57	57 years old
5762	1.2	58	58 years old
5520	1.2	59	59 years old
5062	1.1	60	60 years old
4968	1.0	61	61 years old
4671	1.0	62	62 years old
4705	1.0	63	63 years old
3495	0.7	64	64 years old
3165	0.7	65	65 years old
3216	0.7	66	66 years old
3287	0.7	67	67 years old
2880	0.6	68	68 years old
2413	0.5	69	69 years old
2211	0.5	70	70 years old
1974	0.4	71	71 years old
1942	0.4	72	72 years old
1802	0.4	73	73 years old
1658	0.4	74	74 years old
1591	0.3	75	75 years old
1417	0.3	76	76 years old
1493	0.3	77	77 years old
1319	0.3	78	78 years old
1204	0.3	79	79 years old
1192	0.3	80	80 years old
1125	0.2	81	81 years old
1084	0.2	82	82 years old
950	0.2	83	83 years old
863	0.2	84	84 years old
775	0.2	85	85 years old
649	0.1	86	86 years old
538	0.1	87	87 years old
448	0.1	88	88 years old
339	0.1	89	89 years old
240	0.1	90	90 years old
176	0.0	91	91 years old
120	0.0	92	92 years old
80	0.0	93	93 years old
37	0.0	94	94 years old
27	0.0	95	95 years old
16	0.0	96	96 years old
13	0.0	97	97 years old
8	0.0	98	98 years old
26	0.0	99	99 years old
3	0.0	100	100 years old
1	0.0	101	101 years old
1	0.0	102	102 years old
2	0.0	109	109 years old
32	0.0	110	110 years old
39993	8.4	999	DOB invalid



---

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

---

TCRS Variable - gndr\_cd

2010	Prcnt	Code	Value and Description
240964	50.9	1	Male
198468	41.9	2	Female
33874	7.2	9	Uncoded & errors

---

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

---

TCRS Variable - injy\_svtty\_cd

2010	Prcnt	Code	Value and Description
37783	8.0	0	Uncoded & errors
757	0.2	1	Killed
4498	1.0	2	Incapacitating injury
12862	2.7	3	Nonincapacitating injury
35905	7.6	4	Possible injury
381501	80.6	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?

2010	Prcnt	Code	Value and Description
85930	18.2	0	No, driver condition did not appear normal
387376	81.8	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?

2010	Prcnt	Code	Value and Description
463601	97.9	0	No, driver was not drinking
9705	2.1	1	Yes, driver was drinking

STATE OF MICHIGAN  
2010 - Vehicle/Driver

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?

2010	Prcnt	Code	Value and Description
472464	99.8	0	No, driver was not using illegal drugs
842	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?

2010	Prcnt	Code	Value and Description
472229	99.8	0	No, driver was not sick
1077	0.2	1	Yes, driver was sick

Variable 172	DRIVER CONDITION FATIGUE	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - driv\_cond\_cd

DRIVER CONDITION CODE 5 - WAS DRIVER FATIGUED?

2010	Prcnt	Code	Value and Description
472355	99.8	0	No, driver was not fatigued
951	0.2	1	Yes, driver was fatigued

Variable 173	DRIVER CONDITION ASLEEP	Width: 2	Type: Numeric
		Dec: None	Miss: 0

TCRS Variable - driv\_cond\_cd

DRIVER CONDITION CODE 6 - WAS DRIVER ASLEEP?

2010	Prcnt	Code	Value and Description
472241	99.8	0	No, driver was not asleep
1065	0.2	1	Yes, driver was asleep

---

Variable 174	DRIVER CONDITION MEDICIN	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - driv\_cond\_cd

DRIVER CONDITION CODE 7 - WAS DRIVER USING MEDICINE?

2010	Prcnt	Code	Value and Description
472376	99.8	0	No, driver was not using medicine
930	0.2	1	Yes, driver was using medicine

---

Variable 175	DRIVER CONDITION DISTRAC	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - driv\_cond\_cd

DRIVER CONDITION CODE 8 - WAS DRIVER DISTRACTED?

2010	Prcnt	Code	Value and Description
469367	99.2	0	No, driver was not distracted
3939	0.8	1	Yes, driver was distracted

---

Variable 176	DRIVER CONDITION CELL PH	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - driv\_cond\_cd

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

2010	Prcnt	Code	Value and Description
472420	99.8	0	No, driver was not using a cell phone
886	0.2	1	Yes, driver was using a cell phone

---

Variable 177	DRIVER CONDITION UNKNOWN	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - driv\_cond\_cd

DRIVER CONDITION CODE 10 - WAS DRIVER CONDITION CODED UNKNOWN?

2010	Prcnt	Code	Value and Description
446398	94.3	0	No, driver condition was not coded unknown
26908	5.7	1	Yes, driver condition was coded unknown

\*\*\*\*\*

STATE OF MICHIGAN  
2010 - Vehicle/Driver

Variable 178	VIN	Width: 17	Type: Alphabetic
		Dec: None	Miss: None

TCRS Variable - vin

Variable 179	VIN - VEHICLE YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

TCRS Variable - vehc\_yr

2010 Prcnt      Code Value and Description

16	0.0	1	
11	0.0	2	
8	0.0	3	
14	0.0	4	
17	0.0	5	
28	0.0	6	
15	0.0	7	
14	0.0	8	
10	0.0	9	
4	0.0	10	
2	0.0	11	
1	0.0	15	
1	0.0	64	
1	0.0	68	
1	0.0	73	
2	0.0	80	
1	0.0	84	
2	0.0	88	
2	0.0	89	
3	0.0	90	
2	0.0	91	
1	0.0	92	
4	0.0	93	
4	0.0	94	
9	0.0	95	
4	0.0	96	
8	0.0	97	
13	0.0	98	
23	0.0	99	
1	0.0	194	
2	0.0	199	
6	0.0	200	
1	0.0	202	
1	0.0	203	
1	0.0	204	
1	0.0	207	
1	0.0	209	
1	0.0	1003	
1	0.0	1007	
33	0.0	1900	1900
1	0.0	1912	1912

Variable 179:VIN - VEHICLE YEAR (Continued)

2010	Prcnt	Code	Value	and Description
6	0.0	1923	1923	
2	0.0	1926	1926	
1	0.0	1927	1927	
5	0.0	1929	1929	
3	0.0	1930	1930	
4	0.0	1931	1931	
3	0.0	1932	1932	
3	0.0	1934	1934	
5	0.0	1937	1937	
4	0.0	1938	1938	
3	0.0	1939	1939	
4	0.0	1940	1940	
2	0.0	1941	1941	
1	0.0	1943	1943	
3	0.0	1946	1946	
2	0.0	1947	1947	
5	0.0	1948	1948	
3	0.0	1949	1949	
2	0.0	1950	1950	
1	0.0	1951	1951	
10	0.0	1952	1952	
3	0.0	1953	1953	
6	0.0	1954	1954	
5	0.0	1955	1955	
2	0.0	1956	1956	
10	0.0	1957	1957	
2	0.0	1958	1958	
5	0.0	1959	1959	
7	0.0	1960	1960	
7	0.0	1961	1961	
5	0.0	1962	1962	
11	0.0	1963	1963	
16	0.0	1964	1964	
30	0.0	1965	1965	
32	0.0	1966	1966	
25	0.0	1967	1967	
34	0.0	1968	1968	
41	0.0	1969	1969	
44	0.0	1970	1970	
54	0.0	1971	1971	
52	0.0	1972	1972	
56	0.0	1973	1973	
48	0.0	1974	1974	
60	0.0	1975	1975	
65	0.0	1976	1976	
121	0.0	1977	1977	
157	0.0	1978	1978	
187	0.0	1979	1979	
115	0.0	1980	1980	
137	0.0	1981	1981	
184	0.0	1982	1982	
248	0.1	1983	1983	

STATE OF MICHIGAN  
2010 - Vehicle/Driver

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

2010	Prcnt	Code	Value and Description
412	0.1	1984	1984
547	0.1	1985	1985
765	0.2	1986	1986
793	0.2	1987	1987
1357	0.3	1988	1988
1958	0.4	1989	1989
2459	0.5	1990	1990
3271	0.7	1991	1991
4925	1.0	1992	1992
6945	1.5	1993	1993
10112	2.1	1994	1994
12555	2.7	1995	1995
13658	2.9	1996	1996
18127	3.8	1997	1997
20696	4.4	1998	1998
26165	5.5	1999	1999
28121	5.9	2000	2000
26975	5.7	2001	2001
32439	6.9	2002	2002
29823	6.3	2003	2003
27499	5.8	2004	2004
27179	5.7	2005	2005
26628	5.6	2006	2006
28310	6.0	2007	2007
32083	6.8	2008	2008
21858	4.6	2009	2009
18888	4.0	2010	2010
2018	0.4	2011	2011
6	0.0	2012	2012
1	0.0	2209	
1	0.0	2996	
44620	9.4	9999	Uncoded & errors

---

Variable 180	VIN - MAKE	Width: 15	Type: Alphabetic
		Dec: None	Miss: None

---

TCRS Variable - vehc\_make

The TRUCK Variables

Variables 200 through 228 describe the truck units involved in the crsh. 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

2010	Prcnt	Code	Value and Description
5742	1.2	1	A
1495	0.3	2	B
1805	0.4	3	C
795	0.2	4	None
141	0.0	5	D
462314	97.7	8	Non-truck, no data
1014	0.2	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

2010	Prcnt	Code	Value and Description
420467	88.8	0	Uncoded & errors
477	0.1	1	Yes
52362	11.1	8	Non-CDL vehicle, no data

<u>Variable 202</u>	<u>CDL N 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 vehicles

CDL Tank Vehicles (N) endorsement

2010	Prcnt	Code	Value and Description
420319	88.8	0	Uncoded & errors
625	0.1	1	Yes
52362	11.1	8	Non-CDL vehicle, no data

<u>Variable 203</u>	<u>CDL P 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 passenger vehicles

CDL Passenger Vehicles (P) endorsement

2010	Prcnt	Code	Value and Description
420030	88.7	0	Uncoded & errors
914	0.2	1	Yes
52362	11.1	8	Non-CDL vehicle, no data

<u>Variable 204</u>	<u>CDL T 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 double/triple trailers

CDL Double / Triple Trailers (T) endorsement

2010	Prcnt	Code	Value and Description
419966	88.7	0	Uncoded & errors
978	0.2	1	Yes
52362	11.1	8	Non-CDL vehicle, no data



---

Variable 205	CDL X 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 and placarded hazardous materials vehicles

CDL Double / Triple Trailers (X) endorsement

2010	Prcnt	Code	Value and Description
420632	88.9	0	Uncoded & errors
312	0.1	1	Yes
52362	11.1	8	Non-CDL vehicle, no data

---

Variable 206	CDL BUS 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 BUS

CDL S endorsement

2010	Prcnt	Code	Value and Description
420490	88.8	0	Uncoded & errors
454	0.1	1	Yes
52362	11.1	8	Non-CDL vehicle, no data

---

Variable 207	CDL EXEMPTION	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

TCRS Variable - cdl\_exmp\_cd

2010	Prcnt	Code	Value and Description
10409	2.2	0	Unknown
60	0.0	1	Farm
1	0.0	2	Qualified military drivers in military vehicles
462314	97.7	8	Non-truck
522	0.1	9	Other

Variable 208	MEDICAL CARD PRESENTED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

TCRS Variable - med\_card\_ind

2010	Prcnt	Code	Value and Description
1539	0.3	0	No
7336	1.5	1	Yes
462314	97.7	8	Non-truck, no data
2117	0.4	9	Uncoded & errors

Variable 209	CDL RESTRICTION 28	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

2010	Prcnt	Code	Value and Description
10946	2.3	0	Uncoded & errors
46	0.0	1	Yes
462314	97.7	8	Non-truck, no data

Variable 210	CDL RESTRICTION 29	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

2010	Prcnt	Code	Value and Description
10978	2.3	0	Uncoded & errors
14	0.0	1	Yes
462314	97.7	8	Non-truck, no data

---

Variable 211	CDL RESTRICTION 30	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

2010	Prcnt	Code	Value and Description
10982	2.3	0	Uncoded & errors
10	0.0	1	Yes
462314	97.7	8	Non-truck, no data

---

Variable 212	CDL RESTRICTION 35	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

2010	Prcnt	Code	Value and Description
10992	2.3	0	Uncoded & errors
462314	97.7	8	Non-truck, no data

---

Variable 213	CDL RESTRICTION 36	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

2010	Prcnt	Code	Value and Description
10992	2.3	0	Uncoded & errors
462314	97.7	8	Non-truck, no data

---

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

---

TCRS Variable - carr\_name\_src\_cd

2010	Prcnt	Code	Value and Description
1326	0.3	0	Uncoded & errors
5783	1.2	1	Papers
1707	0.4	2	Vehicle

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

2010 Prcnt	Code	Value and Description
212	0.0	3 Log book
1964	0.4	4 Driver
462314	97.7	8 Non-truck, no data

---

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

TCRS Variable - intr\_inta\_ind

2010 Prcnt	Code	Value and Description
6857	1.4	1 Interstate only
4135	0.9	2 Intrastate
462314	97.7	8 Non-truck, no data

---

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

TCRS Variable - gvwr

2010 Prcnt	Code	Value and Description
1117	0.2	0 Uncoded & errors
1	0.0	1 1
1	0.0	16
		- GVWR
16	0.0	800000
1	0.0	850000 850000
462314	97.7	999998 Non-truck, no data

---

Variable 217	HAZMAT: TYPE	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

TCRS Variable - hzrd\_matl\_type

Hazardous material placard identification number

2010 Prcnt	Code	Value and Description
7	0.0	0 Uncoded & errors
4	0.0	1
		- Hazardous materials type
1	0.0	9872
462314	97.7	9998 Non-truck, no data
3	0.0	9999 Uncoded & errors



truck

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

TCRS Variable - scnd\_unit\_axle

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

Examples --&gt; "S2" = 2 axle semi-trailer or " 2" = a 2 axle trailer

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

TCRS Variable - thrd\_unit\_axle

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

Examples --&gt; "S2" = 2 axle semi-trailer or " 2" = a 2 axle trailer

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

TCRS Variable - frth\_unit\_axle

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

Examples --&gt; "S2" = 2 axle semi-trailer or " 2" = a 2 axle trailer

<u>Variable 225</u>	<u>ICC NUMBER</u>	Width: 8	Type: Alphabetic
		Dec: None	Miss: None

TCRS Variable - iccmc\_num

ICC (Interstate Commerce Commission) number as reported

<u>Variable 226</u>	<u>USDOT NUMBER</u>	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

TCRS Variable - usdot\_num

USDOT (United States Department of Transportation) number as reported

Variable 227	MPSC NUMBER	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

TCRS Variable - mpsc\_num

MPSC (Michigan Public Service Commission) number as reported

Variable 228	CARRIER STATE	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

TCRS Variable - carr\_st\_num

Recoded from original text. Value shown in parentheses.

2010 Prcnt	Code	Value and Description
		UNITED STATES
10	0.0	1 (AL) Alabama
81	0.0	4 (AZ) Arizona
45	0.0	5 (AR) Arkansas
16	0.0	6 (CA) California
11	0.0	8 (CO) Colorado
3	0.0	9 (CT) Connecticut
2	0.0	10 (DE) Delaware
75	0.0	12 (FL) Florida
69	0.0	13 (GA) Georgia
2	0.0	16 (ID) Idaho
344	0.1	17 (IL) Illinois
459	0.1	18 (IN) Indiana
50	0.0	19 (IA) Iowa
19	0.0	20 (KS) Kansas
25	0.0	21 (KY) Kentucky
6	0.0	22 (LA) Louisiana
8	0.0	23 (ME) Maine
10	0.0	24 (MD) Maryland
10	0.0	25 (MA) Massachusetts
7106	1.5	26 (MI) Michigan
67	0.0	27 (MN) Minnesota
9	0.0	28 (MS) Mississippi
83	0.0	29 (MO) Missouri
7	0.0	30 (MT) Montana
65	0.0	31 (NE) Nebraska
1	0.0	32 (NV) Nevada
2	0.0	33 (NH) New Hampshire
52	0.0	34 (NJ) New Jersey
1	0.0	35 (NM) New Mexico
21	0.0	36 (NY) New York
44	0.0	37 (NC) North Carolina
3	0.0	38 (ND) North Dakota
418	0.1	39 (OH) Ohio
82	0.0	40 (OK) Oklahoma
6	0.0	41 (OR) Oregon
120	0.0	42 (PA) Pennsylvania
1	0.0	44 (RI) Rhode Island

## Variable 228:CARRIER STATE (Continued)

2010	Prcnt	Code	Value and Description
4	0.0	45	(SC) South Carolina
11	0.0	46	(SD) South Dakota
102	0.0	47	(TN) Tennessee
90	0.0	48	(TX) Texas
11	0.0	49	(UT) Utah
2	0.0	50	(VT) Vermont
28	0.0	51	(VA) Virginia
12	0.0	53	(WA) Washington
3	0.0	54	(WV) West Virginia
136	0.0	55	(WI) Wisconsin
1	0.0	56	(WY) Wyoming
US TERRITORY			
2	0.0	75	(MH) Marshall Islands
CANADA			
11	0.0	101	(AB) Alberta
3	0.0	102	(BC) British Columbia
12	0.0	103	(MB) Manitoba
8	0.0	104	(NB) New Brunswick
2	0.0	107	(NS) Nova Scotia
364	0.1	108	(ON) Ontario
49	0.0	110	(PQ, QC) Quebec
1	0.0	111	(SK) Saskatchewan
MEXICO			
2	0.0	222	(QE) Queretaro de Arteaga
INTERNATIONAL			
8	0.0	307	(XX) International
1	0.0	308	(NI) Nicaragua
UNKNOWN			
463110	97.8	9999	(UK) Unknown



The VEHICLE VINDICATOR Variables

Variables 250 through 270 describe the traffic units (motor vehicles, pedestrians, pedalcyclists, parked cars, etc.) involved in the crash. They are included in all Vehicle and Occupant/Person data sets.

---

Variable 250	VINDICATOR - IERR	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

VINDICATOR Variable - ErrorCode

2010	Prcnt	Code	Value and Description
1127	0.2	-1	Invalid engine code
414439	87.6	0	No errors
574	0.1	9	Series / model key not in table
118	0.0	10	Series / model key in table, model year invalid
57048	12.1	99	VIN not decoded / no VIN

---

Variable 251	VINDICATOR - ALTSW	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

VINDICATOR Variable - CharacterSubstitution

2010	Prcnt	Code	Value and Description
473048	99.9	0	No alteration has been made
258	0.1	1	That VINDICATOR has made some change to the input VIN (e.g., replaced alphabetic "I" by numeric "1", etc.)

---

Variable 252	VINDICATOR - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 0

---

VINDICATOR Variable - ModelYear

2010	Prcnt	Code	Value and Description
57048	12.1	0	Missing data
12	0.0	1967	
		-	Model year
2272	0.5	1990	
3203	0.7	1991	1991
4837	1.0	1992	1992
6812	1.4	1993	1993
9945	2.1	1994	1994
12254	2.6	1995	1995
13382	2.8	1996	1996

## Variable 252:VINDICATOR - YEAR (Continued)

2010	Prcnt	Code	Value and Description
17854	3.8	1997	1997
20316	4.3	1998	1998
25598	5.4	1999	1999
27370	5.8	2000	2000
26290	5.6	2001	2001
31825	6.7	2002	2002
29071	6.1	2003	2003
26813	5.7	2004	2004
26258	5.5	2005	2005
25623	5.4	2006	2006
27139	5.7	2007	2007
31402	6.6	2008	2008
21154	4.5	2009	2009
18412	3.9	2010	2010
1882	0.4	2011	2011

---

Variable 253	VINDICATOR - MAKE	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

## VINDICATOR Variable - MakeNumber

2010	Prcnt	Code	Value and Description
57049	12.1	0	Missing data
39361	8.3	1	Chevrolet/Geo
34598	7.3	2	Ford
30853	6.5	3	Pontiac
16360	3.5	4	Buick
1635	0.3	5	Plymouth
9508	2.0	6	Oldsmobile
12156	2.6	7	Dodge
3653	0.8	8	Volkswagen
11848	2.5	9	Mercury
6634	1.4	10	Cadillac
5	0.0	11	AMC/Eagle
8897	1.9	12	Chrysler
4548	1.0	13	Lincoln
391	0.1	14	Opel/Isuzu
5333	1.1	15	Datsun/Nissan
15543	3.3	16	Toyota
7	0.0	17	Capri/Merkur
3749	0.8	18	Mazda
1423	0.3	20	Volvo
1139	0.2	21	Audi
60	0.0	22	Dodge/Mitsubishi
14997	3.2	23	Honda
129	0.0	24	Porsche
7	0.0	25	MG
2647	0.6	26	Subaru
16	0.0	27	Chrysler/Plymouth/Mitsubishi

Variable 253:VINDICATOR - MAKE (Continued)

2010	Prcnt	Code	Value and Description
2	0.0	28	GMCA/Passport/Asuna
46142	9.7	29	Chevrolet/Geo Truck
17555	3.7	30	GMC Truck
45558	9.6	31	Ford Truck
23417	4.9	32	Dodge Truck
10718	2.3	33	Chrysler/Plymouth Truck
16253	3.4	34	Jeep
7	0.0	35	International
1777	0.4	36	Mercedes Benz
1985	0.4	37	BMW
211	0.0	38	Renault/Eagle
891	0.2	39	Saab
1	0.0	41	Triumph
2	0.0	42	Ferrari
581	0.1	44	Jaguar
4	0.0	45	Alfa Romeo
6	0.0	47	Bentley
1	0.0	48	Aston Martin
1	0.0	50	Avanti
1579	0.3	51	Mitsubishi
2	0.0	52	Lotus
3515	0.7	54	Hyundai
628	0.1	55	Suzuki
3	0.0	56	Maserati
1151	0.2	57	Acura
435	0.1	60	Land Rover
1	0.0	61	Daihatsu
1	0.0	63	Lamborghini
1	0.0	64	Laforza
2002	0.4	65	Lexus
595	0.1	66	Infiniti
10716	2.3	67	Saturn
3713	0.8	68	Kia
422	0.1	69	AM General
83	0.0	70	Daewoo
217	0.0	72	Mini
547	0.1	74	Scion
37	0.0	76	Smart

---

Variable 254    VINDICATOR - MAKE/MODEL    Width: 8    Type: Numeric  
Dec:    None    Miss:    0

---

UMTRI-TDC Variable - MAKE/MODEL, VINDICATOR Variables -  
MakeNumber (2), SeriesNumber (3), ModelNumber (3)

See Appendix B for Abbreviations used in this Variable

2010	Prcnt	Code	Value and Description
59734	12.4	0	Make/model data missing

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
			Chevrolet/Geo
27	0.0	1000000	Chevrolet Unknown Series Model
4	0.0	1001000	Chevrolet Nova 2D
3	0.0	1001001	Chevrolet Nova 2D Nova
4	0.0	1002038	Chevrolet Chevelle 4D Malibu Classic
59	0.0	1003000	Chevrolet Monte Carlo 2D
4	0.0	1003004	Chevrolet Monte Carlo 2D 300
716	0.1	1003015	Chevrolet Monte Carlo 2D SS
158	0.0	1003016	Chevrolet Monte Carlo 2D LT
13	0.0	1003058	Chevrolet Monte Carlo 2D LTZ
217	0.0	1003066	Chevrolet Monte Carlo 2D Z34
1539	0.3	1003069	Chevrolet Monte Carlo 2D LS
46	0.0	1003075	Chevrolet Monte Carlo 2D Hi-Sport SS
1	0.0	1005000	Chevrolet Bel Air 4D
9	0.0	1006000	Chevrolet Impala 2D
3	0.0	1006014	Chevrolet Impala 2D Custom
2	0.0	1007000	Chevrolet Caprice 2D
4	0.0	1007014	Chevrolet Caprice 2D Custom
4	0.0	1007039	Chevrolet Caprice 2D Classic
491	0.1	1008000	Chevrolet Camaro 2D
51	0.0	1008015	Chevrolet Camaro 2D SS
104	0.0	1008016	Chevrolet Camaro 2D LT
1	0.0	1008036	Chevrolet Camaro 2D Type LT
3	0.0	1008040	Chevrolet Camaro 2D Berlinetta
46	0.0	1008045	Chevrolet Camaro 2D Z28
24	0.0	1008069	Chevrolet Camaro 2D LS
65	0.0	1008090	Chevrolet Camaro 2D Z28/SS
166	0.0	1009000	Chevrolet Corvette 2D
6	0.0	1009013	Chevrolet Corvette 2D Z06
33	0.0	1009035	Chevrolet Corvette 2D Sport
3	0.0	1009042	Chevrolet Corvette 2D Sting Ray
1	0.0	1009048	Chevrolet Corvette 2D Collectors Edition
3	0.0	1009084	Chevrolet Corvette 2D Grand Sport
1	0.0	1012000	Chevrolet Vega
1	0.0	1017000	Chevrolet Impala SW
26	0.0	1018000	Chevrolet Caprice SW
22	0.0	1018039	Chevrolet Caprice SW Classic
1	0.0	1019004	Chevrolet Chevelle 2D 300
14	0.0	1019006	Chevrolet Chevelle 2D Malibu
1	0.0	1019008	Chevrolet Chevelle 2D SS 396
5	0.0	1020000	Chevrolet El Camino 2D
1	0.0	1020007	Chevrolet El Camino 2D El Camino 300 DX
2	0.0	1020009	Chevrolet El Camino 2D El Camino Custom
1	0.0	1020039	Chevrolet El Camino 2D Classic
16	0.0	1022000	Chevrolet Nova 4D
1	0.0	1023033	Chevrolet Laguna 2D Laguna S-3
3311	0.7	1026000	Chevrolet Impala 4D
243	0.1	1026015	Chevrolet Impala 4D SS
664	0.1	1026016	Chevrolet Impala 4D LT
297	0.1	1026058	Chevrolet Impala 4D LTZ
3111	0.6	1026069	Chevrolet Impala 4D LS
84	0.0	1026071	Chevrolet Impala 4D Police

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
3478	0.7	1026076	Chevrolet Impala 4D LT 3.5
33	0.0	1026077	Chevrolet Impala 4D 50th Anniversary
119	0.0	1027000	Chevrolet Caprice 4D
30	0.0	1027029	Chevrolet Caprice 4D Classic LS/LTZ
171	0.0	1027039	Chevrolet Caprice 4D Classic
30	0.0	1027044	Chevrolet Caprice 4D Classic LS/Impala SS
38	0.0	1027056	Chevrolet Caprice 4D Brougham
70	0.0	1027067	Chevrolet Caprice 4D Classic/LTZ
143	0.0	1027070	Chevrolet Caprice 4D Classic/Impala SS
6	0.0	1028000	Chevrolet Chevette 2D
5	0.0	1031038	Chevrolet Malibu 2D Malibu Classic
2116	0.4	1032000	Chevrolet Malibu 4D
15	0.0	1032015	Chevrolet Malibu 4D SS
570	0.1	1032016	Chevrolet Malibu 4D LT
3	0.0	1032038	Chevrolet Malibu 4D Malibu Classic
44	0.0	1032058	Chevrolet Malibu 4D LTZ
2362	0.5	1032069	Chevrolet Malibu 4D LS
57	0.0	1032079	Chevrolet Malibu 4D LS Classic
26	0.0	1032080	Chevrolet Malibu 4D LT Classic
4	0.0	1035000	Chevrolet Chevette 4D
3	0.0	1037000	Chevrolet Citation 4D
1327	0.3	1038000	Chevrolet Cavalier 2D
218	0.0	1038030	Chevrolet Cavalier 2D Z24/LS Sport
1	0.0	1038047	Chevrolet Cavalier 2D Type 10
254	0.1	1038054	Chevrolet Cavalier 2D Z24
130	0.0	1038069	Chevrolet Cavalier 2D LS
727	0.2	1038072	Chevrolet Cavalier 2D Base/RS
1892	0.4	1039000	Chevrolet Cavalier 4D
140	0.0	1039030	Chevrolet Cavalier 4D Z24/LS Sport
1	0.0	1039049	Chevrolet Cavalier 4D CS
1	0.0	1039053	Chevrolet Cavalier 4D RS
904	0.2	1039069	Chevrolet Cavalier 4D LS
23	0.0	1040000	Chevrolet Cavalier SW
1	0.0	1040049	Chevrolet Cavalier SW CS
3	0.0	1041000	Chevrolet Celebrity 2D
41	0.0	1042000	Chevrolet Celebrity 4D
10	0.0	1043000	Chevrolet Cavalier Conv
1	0.0	1043047	Chevrolet Cavalier Conv Type 10
2	0.0	1043053	Chevrolet Cavalier Conv RS
46	0.0	1043054	Chevrolet Cavalier Conv Z24
19	0.0	1043069	Chevrolet Cavalier Conv LS
13	0.0	1044000	Chevrolet Celebrity SW
2	0.0	1045000	Chevrolet Sprint 2D
3	0.0	1047000	Chevrolet Spectrum 4D
67	0.0	1049000	Chevrolet Corvette Conv
5	0.0	1049042	Chevrolet Corvette Conv Sting Ray
2	0.0	1049084	Chevrolet Corvette Conv Grand Sport
325	0.1	1050000	Chevrolet Corsica 4D
129	0.0	1050016	Chevrolet Corsica 4D LT
1	0.0	1050058	Chevrolet Corsica 4D LTZ
177	0.0	1051000	Chevrolet Beretta 2D
25	0.0	1051059	Chevrolet Beretta 2D GT

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
3	0.0	1051065	Chevrolet Beretta 2D GTZ
33	0.0	1051068	Chevrolet Beretta 2D Z26
42	0.0	1052000	Chevrolet Camaro Conv
25	0.0	1052090	Chevrolet Camaro Conv Z28/SS
81	0.0	1053017	Chevrolet Geo Metro 2D Base/LSI
2	0.0	1053061	Chevrolet Geo Metro 2D LSI
5	0.0	1053064	Chevrolet Geo Metro 2D XFI
20	0.0	1054017	Chevrolet Geo Metro 4D Base/LSI
71	0.0	1054061	Chevrolet Geo Metro 4D LSI
43	0.0	1055000	Chevrolet Geo Prizm 4D
1001	0.2	1055017	Chevrolet Geo Prizm 4D Base/LSI
1	0.0	1055062	Chevrolet Geo Prizm 4D GSI
853	0.2	1056000	Chevrolet Lumina 4D
99	0.0	1056058	Chevrolet Lumina 4D LTZ
155	0.0	1056063	Chevrolet Lumina 4D Eurosport
244	0.1	1056069	Chevrolet Lumina 4D LS
1202	0.3	1056073	Chevrolet Lumina 4D Base/LS
11	0.0	1057000	Chevrolet Lumina 2D
39	0.0	1057063	Chevrolet Lumina 2D Eurosport
18	0.0	1057066	Chevrolet Lumina 2D Z34
10	0.0	1058061	Chevrolet Geo Metro Conv LSI
9	0.0	1059000	Chevrolet Geo Storm 2D
3	0.0	1059062	Chevrolet Geo Storm 2D GSI
2	0.0	1060000	Chevrolet Geo Storm 2D SW
410	0.1	1061000	Chevrolet Malibu Classic 4D
3	0.0	1062000	Chevrolet Malibu Maxx 5D
10	0.0	1062015	Chevrolet Malibu Maxx 5D SS
243	0.1	1062016	Chevrolet Malibu Maxx 5D LT
20	0.0	1062058	Chevrolet Malibu Maxx 5D LTZ
265	0.1	1062069	Chevrolet Malibu Maxx 5D LS
37	0.0	1063000	Chevrolet Aveo 4D
90	0.0	1063016	Chevrolet Aveo 4D LT
200	0.0	1063069	Chevrolet Aveo 4D LS
140	0.0	1063073	Chevrolet Aveo 4D Base/LS
132	0.0	1063083	Chevrolet Aveo 4D LS/LT
42	0.0	1064000	Chevrolet Aveo 5D
61	0.0	1064016	Chevrolet Aveo 5D LT
33	0.0	1064069	Chevrolet Aveo 5D LS
291	0.1	1064073	Chevrolet Aveo 5D Base/LS
141	0.0	1064083	Chevrolet Aveo 5D LS/LT
56	0.0	1065000	Chevrolet Cobalt 2D
45	0.0	1065015	Chevrolet Cobalt 2D SS
464	0.1	1065016	Chevrolet Cobalt 2D LT
13	0.0	1065035	Chevrolet Cobalt 2D Sport
630	0.1	1065069	Chevrolet Cobalt 2D LS
6	0.0	1065082	Chevrolet Cobalt 2D Internet
221	0.0	1066000	Chevrolet Cobalt 4D
27	0.0	1066015	Chevrolet Cobalt 4D SS
1189	0.2	1066016	Chevrolet Cobalt 4D LT
11	0.0	1066035	Chevrolet Cobalt 4D Sport
20	0.0	1066058	Chevrolet Cobalt 4D LTZ
1008	0.2	1066069	Chevrolet Cobalt 4D LS

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
4	0.0	1066082	Chevrolet Cobalt 4D Internet
4	0.0	1067000	Chevrolet Corvette Z06 2D
42	0.0	1068000	Chevrolet Cobalt SS Supercharged 2D
9	0.0	1071000	Chevrolet Malibu Hybrid 4D
1286	0.3	1072016	Chevrolet Malibu 4D LT
307	0.1	1072058	Chevrolet Malibu 4D LTZ
824	0.2	1072069	Chevrolet Malibu 4D LS
53	0.0	1072085	Chevrolet Malibu 4D Fleet
11	0.0	1074016	Chevrolet Cruze 4D LT
2	0.0	1074058	Chevrolet Cruze 4D LTZ
6	0.0	1074069	Chevrolet Cruze 4D LS
1	0.0	1074088	Chevrolet Cruze 4D FL
1	0.0	1074089	Chevrolet Cruze 4D model unlisted
6	0.0	1075000	Chevrolet Volt Electric 4D
2	0.0	1075087	Chevrolet Volt Electric Premium
12	0.0	2000000	Ford Unknown Series Model
2	0.0	2002000	Ford Maverick 2D
2	0.0	2006004	Ford Galaxie 2D 500
1	0.0	2006009	Ford Galaxie 2D 500 XL
1	0.0	2007000	Ford LTD 2D
1	0.0	2007021	Ford LTD 2D Brougham
3	0.0	2007037	Ford LTD 2D Crown Victoria
1060	0.2	2008000	Ford Mustang 2D
19	0.0	2008008	Ford Mustang 2D Cobra
273	0.1	2008010	Ford Mustang 2D GT
1	0.0	2008020	Ford Mustang 2D Mach1
1	0.0	2008031	Ford Mustang 2D Ghia
1	0.0	2008040	Ford Mustang 2D 2+2
3	0.0	2008042	Ford Mustang 2D L
1	0.0	2008044	Ford Mustang 2D GL
104	0.0	2008045	Ford Mustang 2D LX
48	0.0	2009000	Ford Thunderbird 2D
420	0.1	2009045	Ford Thunderbird 2D LX
3	0.0	2009052	Ford Thunderbird 2D Sport
5	0.0	2009053	Ford Thunderbird 2D Turbo
8	0.0	2009058	Ford Thunderbird 2D Super Coupe
6	0.0	2011086	Ford Crown Victoria LWB 4D Fleet
2	0.0	2015014	Ford Ranchero Ranchero 500
1	0.0	2015022	Ford Ranchero GT Ranchero
1	0.0	2015030	Ford Ranchero Ranchero Squire
3	0.0	2017000	Ford Pinto 2D SW
2	0.0	2020000	Ford Granada 2D
1	0.0	2020042	Ford Granada 2D L
1	0.0	2021000	Ford Granada 4D
2	0.0	2023000	Ford LTD/Crown Victoria 4D
990	0.2	2023015	Ford LTD/Crown Victoria 4D Crown Victoria Police
123	0.0	2023016	Ford LTD/Crown Victoria 4D Crown Victoria STD
75	0.0	2023037	Ford LTD/Crown Victoria 4D Crown Victoria
542	0.1	2023050	Ford LTD/Crown Victoria 4D Crown Victoria LX
10	0.0	2023051	Ford LTD/Crown Victoria 4D Crown Victoria S
1	0.0	2023060	Ford LTD/Crown Victoria 4D Crown Victoria Tour
1	0.0	2025000	Ford Fairmont 2D

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
2	0.0	2026000	Ford Fairmont 4D
1	0.0	2027000	Ford Fairmont SW
1	0.0	2029000	Ford Fairmont Futura 2D
1	0.0	2033000	Ford Torino 2D
1	0.0	2033008	Ford Torino 2D Cobra
1	0.0	2034024	Ford Torino 4D Grand Torino
1	0.0	2037004	Ford Fairlane 2D 500
4	0.0	2040011	Ford Ford LTD SW Country Squire
2	0.0	2040037	Ford Ford LTD SW Crown Victoria
1	0.0	2040050	Ford Ford LTD SW Crown Victoria LX
1	0.0	2040054	Ford Ford LTD SW Country Squire LX
1	0.0	2041000	Ford Escort 2D
1	0.0	2041042	Ford Escort 2D L
2	0.0	2048034	Ford Fairmont Futura 4D S
357	0.1	2051000	Ford Mustang Conv
8	0.0	2051008	Ford Mustang Conv Cobra
194	0.0	2051010	Ford Mustang Conv GT
1	0.0	2051043	Ford Mustang Conv GLX
46	0.0	2051045	Ford Mustang Conv LX
7	0.0	2052000	Ford LTD 4D
1	0.0	2053000	Ford LTD SW
104	0.0	2054044	Ford Tempo 2D 2WD GL
5	0.0	2055042	Ford Tempo 4D 2WD L
186	0.0	2055044	Ford Tempo 4D 2WD GL
9	0.0	2055045	Ford Tempo 4D 2WD LX
2	0.0	2055056	Ford Tempo 4D 2WD GLS
661	0.1	2056001	Ford Taurus 4D LX/SE
4191	0.9	2056018	Ford Taurus 4D SE
29	0.0	2056029	Ford Taurus 4D G
34	0.0	2056042	Ford Taurus 4D L
1523	0.3	2056044	Ford Taurus 4D GL
494	0.1	2056045	Ford Taurus 4D LX
92	0.0	2056057	Ford Taurus 4D SHO
2475	0.5	2056073	Ford Taurus 4D SES
899	0.2	2056074	Ford Taurus 4D SEL
267	0.1	2057018	Ford Taurus SW SE
8	0.0	2057042	Ford Taurus SW L
152	0.0	2057044	Ford Taurus SW GL
33	0.0	2057045	Ford Taurus SW LX
2	0.0	2057061	Ford Taurus SW MT-5/L/GL/LX
24	0.0	2057074	Ford Taurus SW SEL
1	0.0	2059048	Ford Tempo 4D 4WD All Wheel
25	0.0	2061042	Ford Festiva 2D L
10	0.0	2061044	Ford Festiva 2D GL
2	0.0	2061045	Ford Festiva 2D LX
2	0.0	2061059	Ford Festiva 2D L Plus
1	0.0	2062044	Ford Escort 2D GL
2	0.0	2063042	Ford Escort 4D L
3	0.0	2063044	Ford Escort 4D GL
1	0.0	2064042	Ford Escort SW L
13	0.0	2066000	Ford Escort 2D
45	0.0	2066010	Ford Escort 2D GT



Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
270	0.1	2066045	Ford Escort 2D LX
4	0.0	2066046	Ford Escort 2D Pony
1067	0.2	2066063	Ford Escort 2D ZX2
27	0.0	2067000	Ford Escort 4D
2	0.0	2067012	Ford Escort 4D LX-E
817	0.2	2067018	Ford Escort 4D SE
807	0.2	2067045	Ford Escort 4D LX
121	0.0	2068018	Ford Escort SW SE
387	0.1	2068045	Ford Escort SW LX
96	0.0	2069000	Ford Probe 2D
63	0.0	2069010	Ford Probe 2D GT
15	0.0	2069044	Ford Probe 2D GL
16	0.0	2069045	Ford Probe 2D LX
26	0.0	2070000	Ford Aspire 4D
67	0.0	2071000	Ford Aspire 2D
3	0.0	2071018	Ford Aspire 2D SE
181	0.0	2072001	Ford Contour 4D LX/SE
356	0.1	2072018	Ford Contour 4D SE
208	0.0	2072044	Ford Contour 4D GL
73	0.0	2072045	Ford Contour 4D LX
84	0.0	2072062	Ford Contour 4D BASE/GL
34	0.0	2072064	Ford Contour 4D SVT
102	0.0	2072066	Ford Contour 4D Base/GL/LX
613	0.1	2073067	Ford Focus 3D ZX3
27	0.0	2073072	Ford Focus 3D ZX3 SVT
2265	0.5	2074018	Ford Focus 4D SE
91	0.0	2074034	Ford Focus 4D S
303	0.1	2074045	Ford Focus 4D LX
461	0.1	2074069	Ford Focus 4D ZTS
540	0.1	2074071	Ford Focus 4D ZX5 Hatchback
297	0.1	2074073	Ford Focus 4D SES
247	0.1	2074074	Ford Focus 4D SEL
5	0.0	2074077	Ford Focus 4D ZX5 Hatchback SVT
1217	0.3	2074080	Ford Focus 4D ZX4
40	0.0	2074081	Ford Focus 4D ST
539	0.1	2074087	Ford Focus 4D SE/SES
452	0.1	2075018	Ford Focus SW SE
18	0.0	2075078	Ford Focus SW ZTW
153	0.0	2075079	Ford Focus SW ZXW
35	0.0	2076000	Ford Thunderbird Conv
1	0.0	2076076	Ford Thunderbird Conv Pacific Coast Roadster
1	0.0	2076083	Ford Thunderbird Conv 50th Anniversary
1	0.0	2079000	Ford GT 2D
104	0.0	2080018	Ford Five Hundred 4D 2WD SE
313	0.1	2080074	Ford Five Hundred 4D 2WD SEL
126	0.0	2080082	Ford Five Hundred 4D 2WD Limited
20	0.0	2081018	Ford Five Hundred 4D 4WD SE
54	0.0	2081074	Ford Five Hundred 4D 4WD SEL
96	0.0	2081082	Ford Five Hundred 4D 4WD Limited
3354	0.7	2082018	Ford Fusion 4D 2WD SE
103	0.0	2082034	Ford Fusion 4D 2WD S
95	0.0	2082052	Ford Fusion 4D 2WD Sport

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## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1290	0.3	2082074	Ford Fusion 4D 2WD SEL
20	0.0	2083052	Ford Fusion 4D 4WD Sport
35	0.0	2083084	Ford Fusion 4D 4WD V6 SE
77	0.0	2083085	Ford Fusion 4D 4WD V6 SEL
215	0.0	2084000	Ford Mustang GT/Cobra 2D
98	0.0	2085000	Ford Mustang GT/Cobra Conv
6	0.0	2086000	Ford Mustang Shelby/GT500 2D
1	0.0	2087000	Ford Mustang Shelby/GT500 Conv
51	0.0	2088018	Ford Taurus 4D 2WD SE
379	0.1	2088074	Ford Taurus 4D 2WD SEL
259	0.1	2088082	Ford Taurus 4D 2WD Limited
1	0.0	2089018	Ford Taurus 4D 4WD SE
47	0.0	2089074	Ford Taurus 4D 4WD SEL
52	0.0	2089082	Ford Taurus 4D 4WD Limited
36	0.0	2090018	Ford Focus 2D SE
11	0.0	2090034	Ford Focus 2D S
42	0.0	2090073	Ford Focus 2D SES
93	0.0	2090087	Ford Focus 2D SE/SES
54	0.0	2091000	Ford Fusion Hybrid 4D 2WD
59	0.0	2092000	Ford Taurus Sho 4D 4WD
16	0.0	2093018	Ford Fiesta 4D SE
9	0.0	2093074	Ford Fiesta 4D SEL
16	0.0	2094018	Ford Fiesta 5D SE
7	0.0	2094073	Ford Fiesta 5D SES
22	0.0	3000000	Pontiac Unknown Series Model
4	0.0	3001025	Pontiac LeMans 4D LE
1	0.0	3001026	Pontiac LeMans 4D SE
1	0.0	3004000	Pontiac Bonneville 2D
21	0.0	3005000	Pontiac Grand Prix 2D
2	0.0	3005010	Pontiac Grand Prix 2D Brougham
1	0.0	3005016	Pontiac Grand Prix 2D SJ
1	0.0	3005020	Pontiac Grand Prix 2D LJ
20	0.0	3005025	Pontiac Grand Prix 2D LE
330	0.1	3005026	Pontiac Grand Prix 2D SE
761	0.2	3005033	Pontiac Grand Prix 2D GT
1	0.0	3005042	Pontiac Grand Prix 2D GT/GTP
99	0.0	3005044	Pontiac Grand Prix 2D GTP
259	0.1	3006000	Pontiac Firebird 2D
38	0.0	3006009	Pontiac Firebird 2D Trans Am
1	0.0	3006013	Pontiac Firebird 2D Formula 400
2	0.0	3006026	Pontiac Firebird 2D SE
99	0.0	3006043	Pontiac Firebird 2D Formula/Trans Am
1	0.0	3009000	Pontiac Grandville 2D
1	0.0	3011000	Pontiac Ventura 2D
2	0.0	3015000	Pontiac LeMans 2D
2	0.0	3015003	Pontiac LeMans 2D LeMans Sport
1	0.0	3015015	Pontiac LeMans 2D Luxury
1	0.0	3015038	Pontiac LeMans 2D Aero
6	0.0	3016000	Pontiac Grand Am 2D
4	0.0	3016025	Pontiac Grand Am 2D LE
947	0.2	3016026	Pontiac Grand Am 2D SE
820	0.2	3016033	Pontiac Grand Am 2D GT

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	3017000	Pontiac Grand Am 4D
15	0.0	3017025	Pontiac Grand Am 4D LE
3580	0.7	3017026	Pontiac Grand Am 4D SE
1177	0.2	3017033	Pontiac Grand Am 4D GT
3	0.0	3021000	Pontiac Catalina 4D
10	0.0	3022000	Pontiac Bonneville 4D
3	0.0	3022010	Pontiac Bonneville 4D Brougham
75	0.0	3022025	Pontiac Bonneville 4D LE
1668	0.3	3022026	Pontiac Bonneville 4D SE
234	0.0	3022036	Pontiac Bonneville 4D SSE
148	0.0	3022041	Pontiac Bonneville 4D SSEI
313	0.1	3022045	Pontiac Bonneville 4D SLE
24	0.0	3022048	Pontiac Bonneville 4D GXP
1	0.0	3024000	Pontiac Sunbird 2D
1	0.0	3029020	Pontiac Phoenix 4D LJ
2	0.0	3030028	Pontiac J2000/2000 2D Sunbird
51	0.0	3030030	Pontiac J2000/2000 2D Sunbird LE
7	0.0	3030031	Pontiac J2000/2000 2D Sunbird SE
4	0.0	3031028	Pontiac J2000/2000 4D Sunbird
35	0.0	3031030	Pontiac J2000/2000 4D Sunbird LE
3	0.0	3031031	Pontiac J2000/2000 4D Sunbird SE
10	0.0	3036000	Pontiac 6000 4D 2WD
23	0.0	3036025	Pontiac 6000 4D 2WD LE
3	0.0	3036026	Pontiac 6000 4D 2WD SE
2	0.0	3036027	Pontiac 6000 4D 2WD STE
18	0.0	3037030	Pontiac 2000 2D Conv Sunbird LE
12	0.0	3037031	Pontiac 2000 2D Conv Sunbird SE
1	0.0	3037034	Pontiac 2000 2D Conv Sunbird GT
3	0.0	3038025	Pontiac 6000 SW LE
8	0.0	3039000	Pontiac Fiero 2D
19	0.0	3039026	Pontiac Fiero 2D SE
5	0.0	3039032	Pontiac Fiero 2D Sport
14	0.0	3039033	Pontiac Fiero 2D GT
9	0.0	3040000	Pontiac Parisienne 4D
16	0.0	3040010	Pontiac Parisienne 4D Brougham
1	0.0	3041000	Pontiac Parisienne SW
2	0.0	3041005	Pontiac Parisienne SW Safari
1930	0.4	3044000	Pontiac Grand Prix 4D
95	0.0	3044025	Pontiac Grand Prix 4D LE
1606	0.3	3044026	Pontiac Grand Prix 4D SE
6	0.0	3044027	Pontiac Grand Prix 4D STE
2730	0.6	3044033	Pontiac Grand Prix 4D GT
370	0.1	3044044	Pontiac Grand Prix 4D GTP
574	0.1	3044047	Pontiac Grand Prix 4D GT2
90	0.0	3044048	Pontiac Grand Prix 4D GXP
284	0.1	3045000	Pontiac Trans Sport Van SWB
232	0.0	3046000	Pontiac Trans Sport Van LWB
19	0.0	3047000	Pontiac Firebird Conv
11	0.0	3047009	Pontiac Firebird Conv Trans Am
1	0.0	3047043	Pontiac Firebird Conv Formula/Trans Am
298	0.1	3048000	Pontiac Sunfire 2D
1035	0.2	3048026	Pontiac Sunfire 2D SE

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
135	0.0	3048033	Pontiac Sunfire 2D GT
533	0.1	3049026	Pontiac Sunfire 4D SE
45	0.0	3050026	Pontiac Sunfire Conv SE
30	0.0	3050033	Pontiac Sunfire Conv GT
450	0.1	3051000	Pontiac Montana Van SWB 2WD
1345	0.3	3052000	Pontiac Montana Van LWB 2WD
738	0.2	3053000	Pontiac Aztek 4D 2WD
136	0.0	3054000	Pontiac Aztek 4D 4WD
45	0.0	3055000	Pontiac Montana Van LWB 4WD
1472	0.3	3056000	Pontiac Vibe SW 2WD
108	0.0	3056033	Pontiac Vibe SW 2WD GT
221	0.0	3057046	Pontiac Vibe SW 4WD AWD
49	0.0	3058000	Pontiac GTO 2D
6	0.0	3060000	Pontiac Montana CG Van LWB 2WD
76	0.0	3061000	Pontiac G8 4D / Puruit (2005-2006) 4D
95	0.0	3061033	Pontiac G8 4D GT
3	0.0	3061048	Pontiac G8 4D GXP
89	0.0	3062000	Pontiac G5 / Pursuit (2005-2006) 2D
60	0.0	3062026	Pontiac G5 2D SE
29	0.0	3062033	Pontiac G5 2D GT
76	0.0	3062051	Pontiac G5 2D LS
1	0.0	3063000	Pontiac G5 4D
194	0.0	3064000	Pontiac G6 4D
300	0.1	3064026	Pontiac G6 4D SE
511	0.1	3064033	Pontiac G6 4D GT
41	0.0	3064044	Pontiac G6 4D GTP
27	0.0	3064048	Pontiac G6 4D GXP
2943	0.6	3064049	Pontiac G6 4D SEI
36	0.0	3065000	Pontiac Soltice Conv
13	0.0	3065048	Pontiac Soltice Conv GXP
4	0.0	3066000	Pontiac Montana SV6 Van SWB 2WD
149	0.0	3067000	Pontiac Montana SV6 Van LWB 2WD
11	0.0	3068000	Pontiac Montana SV6 Van LWB 4WD
316	0.1	3069000	Pontiac Torrent 4D 2WD
8	0.0	3069048	Pontiac Torrent 4D 2WD GXP
138	0.0	3070000	Pontiac Torrent 4D 4WD
4	0.0	3070048	Pontiac Torrent 4D 4WD GXP
46	0.0	3072000	Pontiac G3 / Wave 5D
5	0.0	3073000	Pontiac G6 2D
206	0.0	3073033	Pontiac G6 2D GT
26	0.0	3073044	Pontiac G6 2D GTP
26	0.0	3073048	Pontiac G6 2D GXP
182	0.0	3074033	Pontiac G6 Conv GT
4	0.0	3074044	Pontiac G6 Conv GTP
4	0.0	4000000	Buick Unknown Series Model
33	0.0	4001000	Buick Century 4D
2370	0.5	4001003	Buick Century 4D Custom
429	0.1	4001006	Buick Century 4D Special
375	0.1	4001014	Buick Century 4D Limited
6	0.0	4002000	Buick LeSabre 2D
5	0.0	4002003	Buick LeSabre 2D Custom
7	0.0	4002014	Buick LeSabre 2D Limited

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	4003003	Buick Wildcat 2D Custom
1	0.0	4004014	Buick Electra 2D RWD Limited
2	0.0	4004020	Buick Electra 2D RWD Park Avenue
256	0.1	4005000	Buick Riviera 2D
26	0.0	4005028	Buick Riviera 2D Luxury
4	0.0	4006003	Buick Century 2D Custom
3	0.0	4006014	Buick Century 2D Limited
51	0.0	4009033	Buick Estate Wagon Roadmaster
3	0.0	4010003	Buick Century SW Custom
24	0.0	4010006	Buick Century SW Special
4	0.0	4010014	Buick Century SW Limited
19	0.0	4011000	Buick Skylark 2D
23	0.0	4011003	Buick Skylark 2D Custom
1	0.0	4011005	Buick Skylark 2D GS 455
14	0.0	4011013	Buick Skylark 2D Custom/LTD/Gran Sport
1	0.0	4011024	Buick Skylark 2D SR
8	0.0	4011031	Buick Skylark 2D Grand Sport
1	0.0	4012000	Buick Skyhawk 2D
1	0.0	4012003	Buick Skyhawk 2D Custom
153	0.0	4013000	Buick Skylark 4D
58	0.0	4013003	Buick Skylark 4D Custom
49	0.0	4013013	Buick Skylark 4D Custom/LTD/Gran Sport
9	0.0	4013014	Buick Skylark 4D Limited
5	0.0	4013031	Buick Skylark 4D Gran Sport
2932	0.6	4014003	Buick LeSabre 4D Custom
1304	0.3	4014014	Buick LeSabre 4D Limited
3	0.0	4015003	Buick Electra 4D RWD Custom
4	0.0	4015014	Buick Electra 4D RWD Limited
8	0.0	4015020	Buick Electra 4D RWD Park Avenue
20	0.0	4017000	Buick Regal 2D RWD
8	0.0	4017014	Buick Regal 2D RWD Limited
4	0.0	4017018	Buick Regal 2D RWD Regal Limited
4	0.0	4017025	Buick Regal 2D RWD T Type
1	0.0	4020000	Buick Wildcat 4D
1	0.0	4023011	Buick LeSabre SW Estate
5	0.0	4024011	Buick Electra SW RWD Estate
1	0.0	4025014	Buick Skyhawk 4D Limited
1	0.0	4027000	Buick Riviera 2D Conv
2	0.0	4030014	Buick Electra/Park Avenue 4D Limited
503	0.1	4030020	Buick Electra/Park Avenue 4D Park Avenue
1	0.0	4030025	Buick Electra/Park Avenue 4D T Type
88	0.0	4030029	Buick Electra/Park Avenue 4D Park Avenue Ultra
1	0.0	4031003	Buick Somerset 2D Custom
1	0.0	4031014	Buick Somerset 2D Limited
80	0.0	4032003	Buick Regal 2D FWD Custom
36	0.0	4032014	Buick Regal 2D FWD Limited
24	0.0	4032015	Buick Regal 2D FWD Custom/Gran Sport
30	0.0	4032031	Buick Regal 2D FWD Gran Sport
24	0.0	4033000	Buick Reatta 2D
387	0.1	4035003	Buick Regal 4D FWD Custom
234	0.0	4035004	Buick Regal 4D FWD GS
105	0.0	4035014	Buick Regal 4D FWD Limited

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
64	0.0	4035031	Buick Regal 4D FWD Gran Sport
971	0.2	4035032	Buick Regal 4D FWD LS
31	0.0	4035035	Buick Regal 4D FWD CXL
2	0.0	4036000	Buick Reatta Conv
100	0.0	4037000	Buick Roadmaster 4D
114	0.0	4037014	Buick Roadmaster 4D Limited
731	0.2	4038000	Buick Park Avenue 4D
164	0.0	4038030	Buick Park Avenue 4D Ultra
1227	0.3	4039000	Buick Rendezvous 4D 2WD
396	0.1	4040000	Buick Rendezvous 4D 4WD
12	0.0	4041000	Buick Rainier 4D 4x2
203	0.0	4042000	Buick Rainier 4D 4x4
492	0.1	4043034	Buick Lacrosse 4D 2WD CX
514	0.1	4043035	Buick Lacrosse 4D 2WD CXL
129	0.0	4043036	Buick Lacrosse 4D 2WD CXS
7	0.0	4043039	Buick Lacrosse 4D 2WD Super Series
24	0.0	4044035	Buick Lacrosse 4D 4WD CXL
68	0.0	4045034	Buick Terraza Van LWB 2WD CX
94	0.0	4045035	Buick Terraza Van LWB 2WD CXL
10	0.0	4046034	Buick Terraza Van LWB 4WD CX
17	0.0	4046035	Buick Terraza Van LWB 4WD CXL
5	0.0	4048000	Buick Terraza CG Van LWB 2WD
1	0.0	4050034	Buick Allure 4D 2WD CX
1	0.0	4050035	Buick Allure 4D 2WD CXL
201	0.0	4051034	Buick Lucerne 4D CX
583	0.1	4051035	Buick Lucerne 4D CXL
65	0.0	4051036	Buick Lucerne 4D CXS
7	0.0	4051039	Buick Lucerne 4D Super Series
7	0.0	4051040	Buick Lucerne 4D Ultra Luxury
54	0.0	4052034	Buick Enclave 4D 2WD CX
253	0.1	4052035	Buick Enclave 4D 2WD CXL
8	0.0	4053034	Buick Enclave 4D 4WD CX
215	0.0	4053035	Buick Enclave 4D 4WD CXL
1	0.0	5000000	Plymouth Unknown Series Model
7	0.0	5004038	Plymouth Gran Fury 4D Salon
1	0.0	5009000	Plymouth Valiant Scmp 2D
17	0.0	5012000	Plymouth Horizon 4D
1	0.0	5017000	Plymouth Volare 2D
1	0.0	5019000	Plymouth Volare SW
1	0.0	5021048	Plymouth Horizon 2D Turismo
1	0.0	5022043	Plymouth Reliant 2D Special Edition
4	0.0	5022051	Plymouth Reliant 2D LE
1	0.0	5023043	Plymouth Reliant 4D Special Edition
13	0.0	5023051	Plymouth Reliant 4D LE
1	0.0	5025000	Plymouth Caravelle 4D
1	0.0	5025043	Plymouth Caravelle 4D Special Edition
33	0.0	5026000	Plymouth Sundance 2D
29	0.0	5026002	Plymouth Sundance 2D Duster
10	0.0	5026054	Plymouth Sundance 2D America
39	0.0	5027000	Plymouth Sundance 4D
10	0.0	5027002	Plymouth Sundance 4D Duster
15	0.0	5027054	Plymouth Sundance 4D America

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
149	0.0	5028000	Plymouth Acclaim 4D
16	0.0	5028051	Plymouth Acclaim 4D LE
7	0.0	5028052	Plymouth Acclaim 4D LX
6	0.0	5029000	Plymouth Laser 2D 2WD
3	0.0	5029053	Plymouth Laser 2D 2WD RS
12	0.0	5029055	Plymouth Laser 2D 2WD RS/RS Turbo
1	0.0	5030056	Plymouth Laser 2D 4WD RS Turbo AWD
47	0.0	5031000	Plymouth Neon 4D
191	0.0	5031004	Plymouth Neon 4D Base/Expresso
299	0.1	5031008	Plymouth Neon 4D Base/LX
111	0.0	5031009	Plymouth Neon 4D Highline
32	0.0	5031037	Plymouth Neon 4D Sport
21	0.0	5032000	Plymouth Neon 2D
75	0.0	5032004	Plymouth Neon 2D Base/Expresso
17	0.0	5032009	Plymouth Neon 2D Highline
13	0.0	5032037	Plymouth Neon 2D Sport
219	0.0	5033000	Plymouth Breeze 4D
234	0.0	5033004	Plymouth Breeze 4D Base/Expresso
8	0.0	5034000	Plymouth Prowler Conv
11	0.0	6000000	Oldsmobile Unknown Series Model
11	0.0	6001000	Oldsmobile Cutlass 4D
7	0.0	6001003	Oldsmobile Cutlass 4D Cutlass Supreme
1	0.0	6001020	Oldsmobile Cutlass 4D Brougham
5	0.0	6001024	Oldsmobile Cutlass 4D Supreme Brougham
125	0.0	6001056	Oldsmobile Cutlass 4D GL
149	0.0	6001057	Oldsmobile Cutlass 4D GLS
9	0.0	6002008	Oldsmobile Delta-88 2D Royale
7	0.0	6002029	Oldsmobile Delta-88 2D Royale Brougham
5	0.0	6003018	Oldsmobile 98 2D RWD Regency
14	0.0	6004000	Oldsmobile Toronado
12	0.0	6004020	Oldsmobile Toronado Brougham
26	0.0	6004046	Oldsmobile Toronado Trofeo
36	0.0	6005003	Oldsmobile Cutlass 2D Cutlass Supreme
1	0.0	6005004	Oldsmobile Cutlass 2D F-85 442
1	0.0	6005011	Oldsmobile Cutlass 2D Cutlass S
2	0.0	6005013	Oldsmobile Cutlass 2D F-85
8	0.0	6005019	Oldsmobile Cutlass 2D Salon
10	0.0	6005023	Oldsmobile Cutlass 2D Calais
45	0.0	6005024	Oldsmobile Cutlass 2D Supreme Brougham
1	0.0	6005031	Oldsmobile Cutlass 2D F-85 Cutlass Supreme
2	0.0	6008003	Oldsmobile Cutlass SW Cutlass Supreme
1	0.0	6008021	Oldsmobile Cutlass SW Cruiser
5	0.0	6008041	Oldsmobile Cutlass SW Ciera SL Brougham
9	0.0	6008050	Oldsmobile Cutlass SW Cruiser SL
15	0.0	6008053	Oldsmobile Cutlass SW Cruiser S
16	0.0	6010000	Oldsmobile Custom Cruiser SW
1	0.0	6013000	Oldsmobile Omega 4D
1	0.0	6013020	Oldsmobile Omega 4D Brougham
2	0.0	6014000	Oldsmobile Delta-88 4D
368	0.1	6014008	Oldsmobile Delta-88 4D Royale
476	0.1	6014016	Oldsmobile Delta-88 4D Base/LS
74	0.0	6014017	Oldsmobile Delta-88 4D LSS

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## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
32	0.0	6014018	Oldsmobile Delta-88 4D Regency
73	0.0	6014029	Oldsmobile Delta-88 4D Royale Brougham
1	0.0	6014032	Oldsmobile Delta-88 4D LS
111	0.0	6014054	Oldsmobile Delta-88 4D Royale LS
16	0.0	6014059	Oldsmobile Delta-88 4D 50th Anniversary Edition
1	0.0	6015010	Oldsmobile 98 4D RWD Luxury
4	0.0	6015018	Oldsmobile 98 4D RWD Regency
7	0.0	6015036	Oldsmobile 98 4D RWD Regency Brougham
1	0.0	6017000	Oldsmobile Firenza 4D
1	0.0	6018035	Oldsmobile Ciera 2D Ciera Brougham
3	0.0	6018051	Oldsmobile Ciera 2D Ciera S
86	0.0	6019033	Oldsmobile Ciera 4D Ciera
15	0.0	6019034	Oldsmobile Ciera 4D Ciera LS
21	0.0	6019035	Oldsmobile Ciera 4D Ciera Brougham
264	0.1	6019041	Oldsmobile Ciera 4D Ciera SL
2	0.0	6019042	Oldsmobile Ciera 4D Ciera International
294	0.1	6019051	Oldsmobile Ciera 4D Ciera S
2	0.0	6021036	Oldsmobile 98 2D FWD Regency Brougham
88	0.0	6022018	Oldsmobile 98 4D FWD Regency
70	0.0	6022036	Oldsmobile 98 4D FWD Regency Brougham
8	0.0	6022043	Oldsmobile 98 4D FWD Touring
184	0.0	6022052	Oldsmobile 98 4D FWD Regency Elite
6	0.0	6023000	Oldsmobile Calais 2D
2	0.0	6023030	Oldsmobile Calais 2D S
16	0.0	6024000	Oldsmobile Calais 4D
4	0.0	6024030	Oldsmobile Calais 4D S
20	0.0	6025003	Oldsmobile Cutlass 2D FWD Cutlass Supreme
96	0.0	6025012	Oldsmobile Cutlass 2D Supreme S
8	0.0	6025048	Oldsmobile Cutlass 2D FWD Supreme International
168	0.0	6025049	Oldsmobile Cutlass 2D FWD Supreme SL
19	0.0	6026003	Oldsmobile Cutlass 4D FWD Cutlass Supreme
181	0.0	6026012	Oldsmobile Cutlass 4D Supreme S
326	0.1	6026049	Oldsmobile Cutlass 4D FWD Supreme SL
23	0.0	6027003	Oldsmobile Cutlass Conv Cutlass Supreme
96	0.0	6028000	Oldsmobile Silhouette Van SWD 2WD
742	0.2	6029000	Oldsmobile Bravada 4D 4x4
41	0.0	6030030	Oldsmobile Achieva 2D S
1	0.0	6030047	Oldsmobile Achieva 2D SL
16	0.0	6030055	Oldsmobile Achieva 2D SC
50	0.0	6031030	Oldsmobile Achieva 4D S
124	0.0	6031047	Oldsmobile Achieva 4D SL
341	0.1	6032000	Oldsmobile Aurora 4D
231	0.0	6032061	Oldsmobile Aurora 4D 3.5L
99	0.0	6032062	Oldsmobile Aurora 4D 4.0L
980	0.2	6033000	Oldsmobile Silhouette Van LWB 2WD
137	0.0	6034000	Oldsmobile Intrigue 4D
501	0.1	6034056	Oldsmobile Intrigue 4D GL
159	0.0	6034057	Oldsmobile Intrigue 4D GLS
410	0.1	6034058	Oldsmobile Intrigue 4D GX
273	0.1	6035056	Oldsmobile Alero 2D GL
94	0.0	6035057	Oldsmobile Alero 2D GLS
67	0.0	6035058	Oldsmobile Alero 2D GX



Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1157	0.2	6036056	Oldsmobile Alero 4D GL
275	0.1	6036057	Oldsmobile Alero 4D GLS
204	0.0	6036058	Oldsmobile Alero 4D GX
11	0.0	6038000	Oldsmobile Silhouette Van LWB 4WD
3	0.0	7000000	Dodge Unknown Series Model
1	0.0	7001002	Dodge Dart 2D Swinger
2	0.0	7005000	Dodge Challenger 2D
39	0.0	7005012	Dodge Challenger 2D R/T
68	0.0	7005017	Dodge Challenger 2D SE
1	0.0	7006011	Dodge Coronet 2D Super Bee
1	0.0	7006012	Dodge Coronet 2D R/T
6	0.0	7007000	Dodge Omni 4D
1	0.0	7011016	Dodge Dart Sport 2D Demon
1	0.0	7014005	Dodge Polara 2D Custom
1	0.0	7017000	Dodge Aspen 2D
1	0.0	7018000	Dodge Aspen 4D
1	0.0	7018005	Dodge Aspen 4D Custom
1	0.0	7018025	Dodge Aspen 4D Special Edition
1	0.0	7020000	Dodge Charger 2D
2	0.0	7020010	Dodge Charger 2D 500
1	0.0	7020012	Dodge Charger 2D R/T
6	0.0	7022017	Dodge Diplomat 4D SE
3	0.0	7022030	Dodge Diplomat 4D Salon
1	0.0	7025000	Dodge Omni/Charger 2D
1	0.0	7026000	Dodge St Regis 4D
2	0.0	7031025	Dodge Aries 2D Special Edition
2	0.0	7032025	Dodge Aries 4D Special Edition
6	0.0	7032046	Dodge Aries 4D LE
1	0.0	7037000	Dodge 600 4D
2	0.0	7037017	Dodge 600 4D SE
1	0.0	7039000	Dodge 600 2D
8	0.0	7040000	Dodge 600 2D Conv
5	0.0	7041000	Dodge Daytona 2D
1	0.0	7041015	Dodge Daytona 2D Iroc
12	0.0	7041044	Dodge Daytona 2D ES
2	0.0	7041045	Dodge Daytona 2D Turbo
2	0.0	7041047	Dodge Daytona 2D Pacifica
2	0.0	7042000	Dodge Lancer 4D
1	0.0	7042044	Dodge Lancer 4D ES
30	0.0	7043000	Dodge Shadow 2D
48	0.0	7043044	Dodge Shadow 2D ES
1	0.0	7043049	Dodge Shadow 2D Shelby
9	0.0	7043050	Dodge Shadow 2D America
21	0.0	7044000	Dodge Shadow 4D
18	0.0	7044044	Dodge Shadow 4D ES
9	0.0	7044050	Dodge Shadow 4D America
62	0.0	7045000	Dodge Dynasty 4D
90	0.0	7045046	Dodge Dynasty 4D LE
137	0.0	7046000	Dodge Spirit 4D
15	0.0	7046044	Dodge Spirit 4D ES
2	0.0	7046046	Dodge Spirit 4D LE
7	0.0	7047000	Dodge Shadow Conv

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
9	0.0	7047044	Dodge Shadow Conv ES
3	0.0	7048051	Dodge Viper Conv RT/10
5	0.0	7048057	Dodge Viper Conv SRT-10
994	0.2	7049000	Dodge Intrepid 4D
24	0.0	7049012	Dodge Intrepid 4D R/T
587	0.1	7049017	Dodge Intrepid 4D SE
479	0.1	7049044	Dodge Intrepid 4D ES
111	0.0	7049056	Dodge Intrepid 4D ES/SXT
133	0.0	7050000	Dodge Neon 4D
16	0.0	7050012	Dodge Neon 4D R/T
232	0.0	7050017	Dodge Neon 4D SE
323	0.1	7050018	Dodge Neon 4D Base/ES
30	0.0	7050033	Dodge Neon 4D Sport
264	0.1	7050052	Dodge Neon 4D Base/Sport/RT
255	0.1	7050053	Dodge Neon 4D SE/ES/RT
97	0.0	7050056	Dodge Neon 4D ES/SXT
608	0.1	7050060	Dodge Neon 4D SXT
2	0.0	7050069	Dodge Neon 4D SE/SX
89	0.0	7050070	Dodge Neon 4D Highline
22	0.0	7051000	Dodge Neon 2D
10	0.0	7051033	Dodge Neon 2D Sport
95	0.0	7051052	Dodge Neon 2D Base/Sport/RT
18	0.0	7051070	Dodge Neon 2D Highline
515	0.1	7052000	Dodge Stratus 4D
32	0.0	7052012	Dodge Stratus 4D R/T
652	0.1	7052017	Dodge Stratus 4D SE
282	0.1	7052044	Dodge Stratus 4D ES
201	0.0	7052055	Dodge Stratus 4D SE Plus/SXT
272	0.1	7052058	Dodge Stratus 4D Base/SXT
90	0.0	7052059	Dodge Stratus 4D SE/SXT
295	0.1	7052060	Dodge Stratus 4D SXT
182	0.0	7052062	Dodge Stratus 4D SE Special/SXT
7	0.0	7053000	Dodge Avenger 2D
95	0.0	7053018	Dodge Avenger 2D Base/ES
2	0.0	7053033	Dodge Avenger 2D Sport
113	0.0	7053044	Dodge Avenger 2D ES
2	0.0	7054007	Dodge Viper 2D GTS
135	0.0	7055012	Dodge Stratus 2D RT
116	0.0	7055017	Dodge Stratus 2D SE
63	0.0	7055060	Dodge Stratus 2D SXT
26	0.0	7056000	Dodge SRT-4 4D
227	0.0	7057059	Dodge Magnum SW 2WD SE/SXT
10	0.0	7057060	Dodge Magnum SW 2WD SXT
18	0.0	7058060	Dodge Magnum SW 4WD SXT
31	0.0	7059000	Dodge Charger 4D 2WD
71	0.0	7059017	Dodge Charger 4D 2WD SE
5	0.0	7059037	Dodge Charger 4D 2WD Rallye
795	0.2	7059059	Dodge Charger 4D SE/SXT
263	0.1	7059060	Dodge Charger 4D 2WD SXT
46	0.0	7060012	Dodge Caliber SW 2WD RT
264	0.1	7060017	Dodge Caliber SW 2WD SE
696	0.1	7060060	Dodge Caliber SW 2WD SXT

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
37	0.0	7060063	Dodge Caliber SW 2WD Mainstreet
1	0.0	7060064	Dodge Caliber SW 2WD Express
2	0.0	7060065	Dodge Caliber SW 2WD Heat
1	0.0	7060067	Dodge Caliber SW 2WD Rush
60	0.0	7061012	Dodge Caliber SW 4WD R/T
59	0.0	7062012	Dodge Magnum Hemi SW 2WD R/T
3	0.0	7062061	Dodge Magnum Hemi SW 2WD SRT-8
22	0.0	7063012	Dodge Magnum Hemi SW 4WD R/T
192	0.0	7064012	Dodge Charger Hemi 4D R/T
13	0.0	7064061	Dodge Charger Hemi 4E SRT-8
6	0.0	7065017	Dodge Charger 4D 4WD SE
37	0.0	7065060	Dodge Charger 4D 4WD SXT
29	0.0	7066012	Dodge Charger Hemi 4D 4WD R/T
136	0.0	7067012	Dodge Avenger 4D 2WD R/T
286	0.1	7067017	Dodge Avenger 4D 2WD SE
805	0.2	7067060	Dodge Avenger 4D 2WD SXT
8	0.0	7067064	Dodge Avenger 4D 2WD Express
9	0.0	7068012	Dodge Avenger 4D 4WD R/T
10	0.0	7069000	Dodge Caliber SRT-4 SW 2WD
8	0.0	7070000	Dodge Challenger SRT8 2WD
10	0.0	8000000	Volkswagen Unknown Series Model
1	0.0	8002001	Volkswagen Beetle 1300
5	0.0	8002002	Volkswagen Beetle 1500
4	0.0	8002003	Volkswagen Beetle Super Beetle
1	0.0	8002016	Volkswagen Beetle Convertible
1	0.0	8006008	Volkswagen Commercial Clipper
2	0.0	8006010	Volkswagen Commercial Kombi/Campmobile
1	0.0	8009020	Volkswagen Rabbit Sedan L
1	0.0	8009021	Volkswagen Rabbit Sedan LS
3	0.0	8011000	Volkswagen Rabbit Conv
1	0.0	8012030	Volkswagen Vanagon GL/Carat
5	0.0	8013000	Volkswagen Jetta Sedan
128	0.0	8013025	Volkswagen Jetta Sedan GL
4	0.0	8013027	Volkswagen Jetta Sedan GLI
3	0.0	8013030	Volkswagen Jetta Sedan GL/Carat
325	0.1	8013036	Volkswagen Jetta Sedan GLS
44	0.0	8013037	Volkswagen Jetta Sedan GLX
12	0.0	8013046	Volkswagen Jetta Sedan Wolfsburg Edition
24	0.0	8013054	Volkswagen Jetta Sedan GL TDI
101	0.0	8013055	Volkswagen Jetta Sedan GLS TDI
112	0.0	8013057	Volkswagen Jetta Sedan GLS 1.8T
7	0.0	8013062	Volkswagen Jetta Sedan GLS 2.8
9	0.0	8013063	Volkswagen Jetta Sedan GLS Wolfsburg Edition
3	0.0	8013073	Volkswagen Jetta Sedan GL 1.8T
6	0.0	8013085	Volkswagen Jetta Sedan GLI VR6
2	0.0	8014025	Volkswagen Jetta 2D GL
1	0.0	8015020	Volkswagen Rabbit 2D L
2	0.0	8016000	Volkswagen Rabbit Pickup 2WD
2	0.0	8016024	Volkswagen Rabbit Pickup 2WD LX
9	0.0	8020025	Volkswagen Golf 2D GL
1	0.0	8020044	Volkswagen Golf 2D TDI
4	0.0	8020054	Volkswagen Golf 2D GL TDI

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
10	0.0	8020056	Volkswagen Golf 2D GTI GLX
2	0.0	8020059	Volkswagen Golf 2D GTI GLS
4	0.0	8020061	Volkswagen Golf 2D GTI GLS 1.8T
20	0.0	8020066	Volkswagen Golf 2D GTI 1.8T
2	0.0	8020071	Volkswagen Golf 2D GTI VR6
2	0.0	8020075	Volkswagen Golf 2D GTI 1.8T 20th Anniversary Edition
9	0.0	8020087	Volkswagen Golf 2D 2.5
2	0.0	8021000	Volkswagen Golf 4D
15	0.0	8021025	Volkswagen Golf 4D GL
43	0.0	8021036	Volkswagen Golf 4D GLS
4	0.0	8021044	Volkswagen Golf 4D TDI
1	0.0	8021054	Volkswagen Golf 4D GL TDI
20	0.0	8021055	Volkswagen Golf 4D GLS TDI
9	0.0	8021057	Volkswagen Golf 4D GLS 1.8T
5	0.0	8021087	Volkswagen Golf 4D 2.5
6	0.0	8022000	Volkswagen GTI 2D
1	0.0	8022028	Volkswagen GTI 2D 16V
3	0.0	8022031	Volkswagen GTI 2D 8V
9	0.0	8022040	Volkswagen GTI 2D VR6
6	0.0	8023000	Volkswagen Cabriolet Conv
2	0.0	8023032	Volkswagen Cabriolet Conv Carat
1	0.0	8024017	Volkswagen Vanagon Camper Kombi
2	0.0	8026000	Volkswagen Fox 2D
4	0.0	8027025	Volkswagen Fox 4D GL
2	0.0	8028025	Volkswagen Fox 2D SW GL
3	0.0	8029000	Volkswagen Corrado 2D
1	0.0	8029034	Volkswagen Corrado 2D SLC
13	0.0	8030025	Volkswagen Passat 4D 2WD GL
215	0.0	8030036	Volkswagen Passat 4D 2WD GLS
36	0.0	8030037	Volkswagen Passat 4D 2WD GLX
2	0.0	8030044	Volkswagen Passat 4D 2WD TDI
38	0.0	8030051	Volkswagen Passat 4D 2WD GLS V6
3	0.0	8030054	Volkswagen Passat 4D 2WD GL TDI
16	0.0	8030055	Volkswagen Passat 4D 2WD GLS TDI
44	0.0	8030060	Volkswagen Passat 4D 2WD GLX V6
50	0.0	8030091	Volkswagen Passat 4D 2WD 2.0T
23	0.0	8030093	Volkswagen Passat 4D 2WD 2.0T Luxury Package
1	0.0	8030094	Volkswagen Passat 4D 2WD 3.6
3	0.0	8030095	Volkswagen Passat 4D 2WD 3.6 Luxury Package
2	0.0	8030096	Volkswagen Passat 4D 2WD 3.6 Sport Package
11	0.0	8030108	Volkswagen Passat 4D 2WD 2.0T/Wolfsburg Edition
36	0.0	8030115	Volkswagen Passat 4D 2WD 2.0T Komfort
4	0.0	8031025	Volkswagen Passat SW 2WD GL
60	0.0	8031036	Volkswagen Passat SW 2WD GLS
5	0.0	8031037	Volkswagen Passat SW 2WD GLX
1	0.0	8031044	Volkswagen Passat SW 2WD TDI
7	0.0	8031051	Volkswagen Passat SW 2WD GLS V6
1	0.0	8031054	Volkswagen Passat SW 2WD GL TDI
3	0.0	8031055	Volkswagen Passat SW 2WD GLs TDI
11	0.0	8031060	Volkswagen Passat SW 2WD GLX V6
2	0.0	8031091	Volkswagen Passat SW 2WD 2.0T
4	0.0	8031093	Volkswagen Passat SW 2WD 2.0T Luxury Package

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	8031095	Volkswagen Passat SW 2WD 3.6 Luxury Package
1	0.0	8031102	Volkswagen Passat SW 2WD 2.0T Sport Package
10	0.0	8031106	Volkswagen Passat SW 2WD Value/2.0T
11	0.0	8031115	Volkswagen Passat SW 2WD 2.0T Komfort
3	0.0	8033025	Volkswagen Eurovan GL
1	0.0	8033035	Volkswagen Eurovan CL
1	0.0	8033036	Volkswagen Eurovan GLS
4	0.0	8033039	Volkswagen Eurovan MV
3	0.0	8034022	Volkswagen Golf III 2D Sport
1	0.0	8034025	Volkswagen Golf III 2D GL
28	0.0	8035025	Volkswagen Golf III 4D GL
1	0.0	8035042	Volkswagen Golf III 4D City
3	0.0	8035045	Volkswagen Golf III 4D Trek
2	0.0	8035046	Volkswagen Golf III 4D Wolfsburg Edition
4	0.0	8035047	Volkswagen Golf III 4D K2
1	0.0	8035049	Volkswagen Golf III 4D Jazz
97	0.0	8036025	Volkswagen Jetta III 4D GL
20	0.0	8036029	Volkswagen Jetta III 4D GT
63	0.0	8036036	Volkswagen Jetta III 4D GLS
13	0.0	8036037	Volkswagen Jetta III 4D GLX
1	0.0	8036042	Volkswagen Jetta III 4D City
12	0.0	8036043	Volkswagen Jetta III 4D Celebration Edition
9	0.0	8036044	Volkswagen Jetta III 4D TDI
8	0.0	8036045	Volkswagen Jetta III 4D Trek
21	0.0	8036046	Volkswagen Jetta III 4D Wolfsburg Edition
1	0.0	8036047	Volkswagen Jetta III 4D K2
6	0.0	8036049	Volkswagen Jetta III 4D Jazz
13	0.0	8037000	Volkswagen Golf Cabrio Conv
7	0.0	8037025	Volkswagen Golf Cabrio Conv GL
25	0.0	8037036	Volkswagen Golf Cabrio Conv GLS
8	0.0	8037037	Volkswagen Golf Cabrio Conv GLX
2	0.0	8037048	Volkswagen Golf Cabrio Conv Highline
14	0.0	8040068	Volkswagen Passat SW 4WD GLX V6 4Motion
2	0.0	8040070	Volkswagen Passat SW 4WD W8 4Motion
1	0.0	8040084	Volkswagen Passat SW 4WD GLS 4motion 1.8T
1	0.0	8040090	Volkswagen Passat SW 4WD 3.6 4motion Sport Package
1	0.0	8040114	Volkswagen Passat SW 4WD VR6 4motion
37	0.0	8041000	Volkswagen New Beetle 2D
1	0.0	8041022	Volkswagen New Beetle 2D Sport
34	0.0	8041025	Volkswagen New Beetle 2D GL
220	0.0	8041036	Volkswagen New Beetle 2D GLS
13	0.0	8041044	Volkswagen New Beetle 2D TDI
2	0.0	8041054	Volkswagen New Beetle 2D GL TDI
35	0.0	8041055	Volkswagen New Beetle 2D GLS TDI
44	0.0	8041057	Volkswagen New Beetle 2D GLS 1.8T
45	0.0	8041058	Volkswagen New Beetle 2D GLX 1.8T
4	0.0	8041069	Volkswagen New Beetle 2D Turbo S
27	0.0	8041087	Volkswagen New Beetle 2D 2.5
33	0.0	8041110	Volkswagen New Beetle 2D 2.5 S
4	0.0	8041111	Volkswagen New Beetle 2D 2.5 S / 2.5 SE
3	0.0	8041116	Volkswagen New Beetle 2D Triple White Edition
1	0.0	8042067	Volkswagen Passat 4D 4WD GLS V6 4Motion

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## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
38	0.0	8042068	Volkswagen Passat 4D 4WD GLX V6 4Motion
2	0.0	8042070	Volkswagen Passat 4D 4WD W8 4Motion
1	0.0	8042084	Volkswagen Passat 4D 4WD GLS 4motion 1.8T
3	0.0	8042089	Volkswagen Passat 4D 4WD 3.6 4motion Luxury Package
4	0.0	8043025	Volkswagen Jetta SW GL
31	0.0	8043036	Volkswagen Jetta SW GLS
38	0.0	8043044	Volkswagen Jetta SW TDI
1	0.0	8043054	Volkswagen Jetta SW GL TDI
13	0.0	8043055	Volkswagen Jetta SW GLS TDI
5	0.0	8043057	Volkswagen Jetta SW GLS 1.8T
1	0.0	8043073	Volkswagen Jetta SW GL 1.8T
2	0.0	8043110	Volkswagen Jetta SW 2.5 S
6	0.0	8043117	Volkswagen Jetta SW 2.5 SE
7	0.0	8043136	Volkswagen Jetta SW GLS
13	0.0	8044077	Volkswagen Touareg 4D 4WD V6
9	0.0	8044078	Volkswagen Touareg 4D 4WD V8
8	0.0	8044097	Volkswagen Touareg 4D 4WD V6 Sport Suspension
3	0.0	8044098	Volkswagen Touareg 4D 4WD V6 Air Suspension
3	0.0	8044099	Volkswagen Touareg 4D 4WD V8 Sport Suspension
3	0.0	8044100	Volkswagen Touareg 4D 4WD V8 Air Suspension
2	0.0	8044101	Volkswagen Touareg 4D 4WD V10 TDI Air Suspension
3	0.0	8045078	Volkswagen Phaeton 4D V8
5	0.0	8046023	Volkswagen New Beetle Conv S
2	0.0	8046025	Volkswagen New Beetle Conv GL
29	0.0	8046036	Volkswagen New Beetle Conv GLS
7	0.0	8046057	Volkswagen New Beetle Conv GLS 1.8T
18	0.0	8046087	Volkswagen New Beetle Conv 2.5
7	0.0	8046112	Volkswagen New Beetle Conv SE
1	0.0	8046126	Volkswagen New Beetle Conv Blush Edition
9	0.0	8048082	Volkswagen R32 2D 4WD 4Motion
140	0.0	8049044	Volkswagen New Jetta 4D TDI
73	0.0	8049046	Volkswagen New Jetta 4D Wolfsburg Edition
20	0.0	8049086	Volkswagen New Jetta 4D Value Edition 2.5
99	0.0	8049087	Volkswagen New Jetta 4D 2.5
7	0.0	8049091	Volkswagen New Jetta 4D 2.0T
7	0.0	8049092	Volkswagen New Jetta 4D GLI 2.0T
6	0.0	8049105	Volkswagen New Jetta 4D TDI Diesel Edition
1	0.0	8049109	Volkswagen New Jetta 4D Fahrenheit GLI/GLI 2.0T
76	0.0	8049110	Volkswagen New Jetta 4D 2.5 S
3	0.0	8049112	Volkswagen New Jette 4D SE
175	0.0	8049113	Volkswagen New Jetta 4D 2.5 SE / 2.5 SEL
11	0.0	8049131	New Jetta 4D 2.5 Limited
1	0.0	8049133	New Jetta 4D TDI Cup
28	0.0	8050087	New Rabbit 2D 2.5
27	0.0	8051087	New Rabbit 4D 2.5
36	0.0	8052091	New GTI 2D 2.0T
2	0.0	8052107	New GTI 2D 2.0T/Fahrenheit 2.0T
9	0.0	8053091	EOS Conv 2.0T
3	0.0	8053093	EOS Conv 2.0T Luxury Package
1	0.0	8053102	EOS Conv 2.0T Sport Package
3	0.0	8053115	EOS Conv 2.0T Komfort
2	0.0	8053130	EOS Conv 2.0T Luxury

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
18	0.0	8054091	New GTI 4D 2.0T
6	0.0	8055077	Touareg 2 4D 4WD V6
1	0.0	8055078	Touareg 2 4D 4WD V8
1	0.0	8055100	Touareg 2 4D 4WD V8 Air Suspension
3	0.0	8055127	Volkswagen Touareg 4D 4WD V6 TDI
17	0.0	8056120	Tiguan 4D 4WD 2.0T 4Motion SE/SEL
7	0.0	8057023	Routan Van S
20	0.0	8057112	Routan Van SE
10	0.0	8057121	Routan Van SEL
5	0.0	8057129	Routan Van SEL Premium
9	0.0	8058122	CC 4D 2WD 2.0T Luxury
44	0.0	8058123	CC 4D 2WD 2.0T Sport
1	0.0	8058124	CC 4D 2WD VR6 Sport
4	0.0	8059114	CC 4D 4WD VR6 4Motion
31	0.0	8060119	Tiguan 4D 2WD 2.0T S/SE/SEL
1	0.0	8060125	Tiguan 4D 2WD 2.0T S
6	0.0	9000000	Mercury Unknown Series Model
1	0.0	9006000	Mercury Marquis/Grand Marguis 2D
6	0.0	9006021	Mercury Marquis/Grand Marguis 2D Grand Marguis
6	0.0	9007000	Mercury Cougar 2D
272	0.1	9007013	Mercury Cougar 2D XR-7
39	0.0	9007015	Mercury Cougar 2D I4
61	0.0	9007031	Mercury Cougar 2D LS
397	0.1	9007047	Mercury Cougar 2D V6
3	0.0	9009014	Mercury Marquis/Grand Marguis SW Colony Park
1	0.0	9009036	Mercury Marquis/Grand Marguis SW Colony Park LS
27	0.0	9020021	Mercury Marquis/Grand Marguis 4D Grand Marguis
818	0.2	9020037	Mercury Marquis/Grand Marguis 4D Grand Marguis GS
1561	0.3	9020038	Mercury Marquis/Grand Marguis 4D Grand Marguis LS
40	0.0	9020050	Mercury Marquis/Grand Marguis 4D Marauder
1	0.0	9022020	Mercury Monarch 4D Ghia
1	0.0	9034027	Mercury Zephyr Z-7 Z-7
2	0.0	9035013	Mercury Cougar XR-7 XR-7
1	0.0	9037000	Mercury Zephyr 4D
1	0.0	9038000	Mercury Zephyr SW
2	0.0	9039000	Mercury Capri 2D
1	0.0	9040029	Mercury Lynx 2D L
2	0.0	9044000	Mercury Marquis 4D
34	0.0	9046030	Mercury Topaz 2D GS
1	0.0	9046039	Mercury Topaz 2D XR5
81	0.0	9047030	Mercury Topaz 4D GS
2	0.0	9047031	Mercury Topaz 4D LS
3	0.0	9047033	Mercury Topaz 4D LTS
1111	0.2	9049006	Mercury Sable 4D LS Premium
971	0.2	9049030	Mercury Sable 4D GS
624	0.1	9049031	Mercury Sable 4D LS
165	0.0	9049043	Mercury Sable 4D GS/LS
70	0.0	9050006	Mercury Sable SW LS Premium
50	0.0	9050030	Mercury Sable SW GS
60	0.0	9050031	Mercury Sable SW LS
3	0.0	9052000	Mercury Tracer 2D
67	0.0	9053000	Mercury Tracer 4D

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
39	0.0	9053030	Mercury Tracer 4D GS
152	0.0	9053031	Mercury Tracer 4D LS
9	0.0	9053033	Mercury Tracer 4D LTS
38	0.0	9054000	Mercury Tracer SW
27	0.0	9054031	Mercury Tracer SW LS
10	0.0	9058000	Mercury Capri Conv
10	0.0	9058041	Mercury Capri Conv XR2
181	0.0	9059000	Mercury Villager Wagon
104	0.0	9059035	Mercury Villager Wagon Sport
439	0.1	9059042	Mercury Villager Wagon GS/LS/Nautica
65	0.0	9059043	Mercury Villager Wagon GS/LS
57	0.0	9059048	Mercury Villager Wagon Estate
120	0.0	9061030	Mercury Mystique 4D GS
121	0.0	9061031	Mercury Mystique 4D LS
53	0.0	9061046	Mercury Mystique 4D Base/GS
21	0.0	9062000	Mercury Mountaineer 4D 4x2
3	0.0	9062051	Mercury Mountaineer 4D 4x2 Luxury
2	0.0	9062052	Mercury Mountaineer 4D 4x2 Premier
68	0.0	9063000	Mercury Mountaineer 4D 4x4
973	0.2	9063045	Mercury Mountaineer 4D AWD
4	0.0	9063053	Mercury Mountaineer 4D 4x4 Convenience
113	0.0	9063054	Mercury Mountaineer 4D 4x4 Luxury AWD
201	0.0	9063055	Mercury Mountaineer 4D 4x4 Premier AWD
81	0.0	9065000	Mercury Monterey Van
31	0.0	9065051	Mercury Monterey Van Luxury
8	0.0	9065052	Mercury Monterey Van Premier
3	0.0	9065053	Mercury Monterey Van Convenience
78	0.0	9066000	Mercury Mariner 4D 2WD
77	0.0	9066015	Mercury Mariner 4D 2WD I4
131	0.0	9066051	Mercury Mariner 4D 2WD Luxury
205	0.0	9066052	Mercury Mariner 4D 2WD Premier
1	0.0	9066053	Mercury Mariner 4D 2WD Convenience
156	0.0	9067000	Mercury Mariner 4D 4WD
32	0.0	9067015	Mercury Mariner 4D 4WD I4
74	0.0	9067051	Mercury Mariner 4D 4WD Luxury
222	0.0	9067052	Mercury Mariner 4D 4WD Premier
65	0.0	9068051	Mercury Montego 4D 2WD Luxury
112	0.0	9068052	Mercury Montego 4D 2WD Premier
7	0.0	9069051	Mercury Montego 4D 4WD Luxury
61	0.0	9069052	Mercury Montego 4D 4WD Premier
10	0.0	9071000	Mercury Mariner Hybrid 4D 2WD
25	0.0	9072000	Mercury Mariner Hybrid 4D 4WD
350	0.1	9073000	Mercury Milan 4D 2WD
712	0.1	9073052	Mercury Milan 4D 2WD Premier
3	0.0	9074000	Mercury Milan 4D 4WD
63	0.0	9074052	Mercury Milan 4D 4WD Premier
23	0.0	9075000	Mercury Sable 4D 2WD
109	0.0	9075052	Mercury Sable 4D 2WD Premier
15	0.0	9076052	Mercury Sable 4D 4WD Premier
6	0.0	9077000	Mercury Milan Hybrid 4D 2WD
5	0.0	10000000	Cadillac Unknown Series Model
21	0.0	10002000	Cadillac Deville 2D RWD



Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
160	0.0	10003000	Cadillac Brougham/Fltwd Brm/Fltwd 4D
216	0.0	10004000	Cadillac Eldorado 2D
3	0.0	10004003	Cadillac Eldorado 2D Fltwood Eldorado
84	0.0	10004008	Cadillac Eldorado 2D Touring
5	0.0	10004011	Cadillac Eldorado 2D Commemorative Edition
2	0.0	10005026	Cadillac Commercial Chassis Cab RWD, incomplete
387	0.1	10007000	Cadillac Seville 4D
381	0.1	10007008	Cadillac Seville 4D Touring
9	0.0	10009000	Cadillac Deville 4D RWD
4	0.0	10010000	Cadillac Brougham 2D
35	0.0	10013000	Cadillac Deville 2D FWD
1623	0.3	10014000	Cadillac Deville 4D FWD
62	0.0	10014007	Cadillac Deville 4D FWD D'Elegance
181	0.0	10014008	Cadillac Deville 4D FWD Touring
90	0.0	10014009	Cadillac Deville 4D FWD Concours
103	0.0	10014010	Cadillac Deville 4D FWD High Luxury
5	0.0	10015000	Cadillac Fleetwood 2D FWD
27	0.0	10016000	Cadillac Fleetwood 4D FWD
10	0.0	10016007	Cadillac Fleetwood 4D FWD D'Elegance
10	0.0	10018026	Cadillac Commercial Chassis Cab FWD, incomplete
5	0.0	10019000	Cadillac Allante Conv
4	0.0	10022000	Cadillac Sixty Special 4D
382	0.1	10023000	Cadillac Escalade 1/2T 4D 4x4
7	0.0	10023017	Cadillac Escalade 1/2T 4D 4x4 Platinum
11	0.0	10023018	Cadillac Escalade 1/2T 4D 4x4 Luxury
8	0.0	10023020	Cadillac Escalade 1/2T 4D 4x4 Premium
146	0.0	10024000	Cadillac Catera 4D
6	0.0	10025000	Cadillac Escalade 1/2T 4D 4x2
71	0.0	10026000	Cadillac Escalade Ext 1/2T 4D 4x4
2	0.0	10026018	Cadillac Escalade EXT 1/2T 4D 4x4 Luxury
3	0.0	10026020	Cadillac Escalade EXT 1/2T 4D 4x4 Premium
721	0.2	10027000	Cadillac CTS 4D 2WD/4WD
88	0.0	10027016	Cadillac CTS 4D 2WD/4WD DI
10	0.0	10028000	Cadillac XLR Roadster Conv
312	0.1	10029000	Cadillac SRX 4D 2WD/4WD
21	0.0	10030000	Cadillac SRX V6 4D 4WD
127	0.0	10031000	Cadillac Escalade ESV 1/2T 4D 4x4
1	0.0	10031017	Cadillac Escalade ESV 1/2T 4D 4x4 Platinum
3	0.0	10031018	Cadillac Escalade ESV 1/2T 4D 4x4 Luxury
7	0.0	10031020	Cadillac Escalade ESV 1/2T 4D 4x4 Premium
14	0.0	10032000	Cadillac CTS-V 4D 2WD
268	0.1	10034000	Cadillac STS V6 4D 2WD/4WD
67	0.0	10035000	Cadillac STS V8 4D 2WD/4WD
377	0.1	10036000	Cadillac DTS 4D
11	0.0	10036017	Cadillac DTS 4D Platinum
10	0.0	10036018	Cadillac DTS 4D Luxury
18	0.0	10036020	Cadillac DTS 4D Premium
1	0.0	10036021	Cadillac DTS 4D Livery
3	0.0	10037000	Cadillac STS-V 4D 2WD
1	0.0	10040000	Cadillac CTS-V 2D 2WD
45	0.0	10041000	Cadillac CTS 4D 2WD
2	0.0	10041016	Cadillac CTS 4D 2WD DI

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## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
18	0.0	10041018	Cadillac CTS 4D 2WD Luxury
1	0.0	10041019	Cadillac CTS 4D 2WD Performance
92	0.0	10042000	Cadillac CTS 4D 4WD
89	0.0	10042016	Cadillac CTS 4D 4WD DT
60	0.0	10042018	Cadillac CTS 4D 4WD Luxury
30	0.0	10042019	Cadillac CTS 4D 4WD Performance
21	0.0	10042020	Cadillac CTS 4D 4WD Premium
3	0.0	10043000	Cadillac STS V6 4D 2WD
10	0.0	10044000	Cadillac STS V6 4D 4WD
1	0.0	10045000	Cadillac STS V8 4D 2WD
1	0.0	10047020	Cadillac Escalade ESV 1/2T 4D 4x2 Premium
9	0.0	10052000	Cadillac Escalade Hybrid 4D 4x4
1	0.0	10053018	Cadillac CTS SW 2WD Luxury
2	0.0	10053019	Cadillac CTS SW 2WD Performance
1	0.0	10053020	Cadillac CTS SW 2WD Premium
2	0.0	10054018	Cadillac CTS SW 4WD Luxury
1	0.0	10054019	Cadillac CTS SW 4WD Performance
9	0.0	10054020	Cadillac CTS SW 4WD Premium
11	0.0	10055000	Cadillac STS 4D
4	0.0	10055018	Cadillac STS 4D 2WD/4WD Luxury
5	0.0	10056000	Cadillac SRX 4D 2WD
53	0.0	10056018	Cadillac SRX 4D 2WD Luxury
15	0.0	10056019	Cadillac SRX 4D 2WD Performance
5	0.0	10056020	Cadillac SRX 4D 2WD Premium
39	0.0	10057018	Cadillac SRX 4D 4WD Luxury
11	0.0	10057019	Cadillac SRX 4D 4WD Performance
38	0.0	10057020	Cadillac SRX 4D 4WD Premium
3	0.0	10057024	Cadillac SRX 4D 4WD Performance Turbo
6	0.0	10057025	Cadillac SRX 4D 4WD Premium Turbo
3	0.0	10058019	Cadillac CTS 2D 4WD Performance
1	0.0	10058020	Cadillac CTS 2D 4WD Premium
1	0.0	10059000	Cadillac CTS 2D 4WD
3	0.0	10059019	Cadillac CTS 2D 4WD Performance
4	0.0	10059020	Cadillac CTS 2D 4WD Premium
1	0.0	10060000	Cadillac CTS-V SW 2WD
1	0.0	11002000	AMC/Eagle Hornet 2D
1	0.0	11017000	AMC/Eagle Concord 2D
1	0.0	11023000	AMC/Eagle Eagle 4D
2	0.0	11024000	AMC/Eagle Eagle SW
1	0.0	11024018	AMC/Eagle Eagle SW DL
4	0.0	12000000	Chrysler Unknown Series Model
1	0.0	12001000	Chrysler Newport 2D
1	0.0	12003000	Chrysler 300
8	0.0	12007000	Chrysler Cordoba
2	0.0	12008000	Chrysler Newport 4D
2	0.0	12010000	Chrysler New Yorker 4D RWD
1	0.0	12010004	Chrysler New Yorker 4D RWD Brougham
36	0.0	12010013	Chrysler New Yorker 4D RWD 5th Ave Edition
15	0.0	12011000	Chrysler Imperial 4D
13	0.0	12012000	Chrysler Le Baron 2D
1	0.0	12012005	Chrysler Le Baron 2D Medallion
2	0.0	12012022	Chrysler Le Baron 2D LX

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
31	0.0	12013000	Chrysler Le Baron 4D
1	0.0	12013007	Chrysler Le Baron 4D Salon
28	0.0	12013017	Chrysler Le Baron 4D LE
23	0.0	12013018	Chrysler Le Baron 4D Landau
2	0.0	12013022	Chrysler Le Baron 4D LX
1	0.0	12014001	Chrysler Le Baron SW Town & Country
63	0.0	12015000	Chrysler Le Baron 2D Conv
1	0.0	12015005	Chrysler Le Baron 2D Conv Medallion
2	0.0	12015022	Chrysler Le Baron 2D Conv LX
70	0.0	12015025	Chrysler Le Baron 2D Conv GTC
4	0.0	12016000	Chrysler New Yorker 4D (E Body)
2	0.0	12019014	Chrysler Laser 2D XE
2	0.0	12021021	Chrysler Le Baron 4D (H Body) GTS
1	0.0	12023017	Chrysler Dynasty 4D LE
5	0.0	12024000	Chrysler New Yorker 4D (C Body)
31	0.0	12024007	Chrysler New Yorker 4D (C Body) Salon
16	0.0	12024018	Chrysler New Yorker 4D (C Body) Landua
1	0.0	12025000	Chrysler TC 2D Conv
87	0.0	12026000	Chrysler New Yorker 5th Ave 4D
82	0.0	12027000	Chrysler Intrepid 4D
19	0.0	12027019	Chrysler Intrepid 4D ES
4	0.0	12027030	Chrysler Intrepid 4D R/T
3	0.0	12027032	Chrysler Intrepid 4D SE
4	0.0	12027033	Chrysler Intrepid 4D ES/SXT
186	0.0	12028000	Chrysler Concorde 4D
289	0.1	12028022	Chrysler Concorde 4D LX
194	0.0	12028026	Chrysler Concorde 4D LXI
428	0.1	12028029	Chrysler Concorde 4D LX/LXI
63	0.0	12028031	Chrysler Concorde 4D Limited
67	0.0	12029000	Chrysler New Yorker 4D (LH Body)
420	0.1	12030000	Chrysler LHS 4D
100	0.0	12031022	Chrysler Cirrus 4D LX
221	0.0	12031026	Chrysler Cirrus 4D LXI
132	0.0	12031029	Chrysler Cirrus 4D LX/LXI
18	0.0	12032000	Chrysler Sebring 2D
93	0.0	12032022	Chrysler Sebring 2D LX
245	0.1	12032026	Chrysler Sebring 2D LXI
17	0.0	12032031	Chrysler Sebring 2D Limited
106	0.0	12033022	Chrysler Sebring Conv LX
64	0.0	12033025	Chrysler Sebring Conv GTC
163	0.0	12033026	Chrysler Sebring Conv LXI
140	0.0	12033027	Chrysler Sebring Conv JX
270	0.1	12033028	Chrysler Sebring Conv JXI
28	0.0	12033029	Chrysler Sebring Conv LX/LXI
118	0.0	12033031	Chrysler Sebring Conv Limited
72	0.0	12033038	Chrysler Sebring Conv Touring
22	0.0	12033040	Chrysler Sebring Conv Base/Touring
702	0.1	12034000	Chrysler 300M 4D
40	0.0	12034012	Chrysler 300M 4D Special
19	0.0	12035000	Chrysler Neon 4D
2	0.0	12035017	Chrysler Neon 4D LE
413	0.1	12036000	Chrysler Sebring 4D 2WD

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1039	0.2	12036022	Chrysler Sebring 4D 2WD LX
258	0.1	12036026	Chrysler Sebring 4D 2WD LXI
150	0.0	12036031	Chrysler Sebring 4D 2WD Limited
682	0.1	12036038	Chrysler Sebring 4D 2WD Touring
3	0.0	12036041	Chrysler Sebring 4D 2WD TSI
2	0.0	12037000	Chrysler Prowler Conv
20	0.0	12038000	Chrysler Crossfire 2D
4	0.0	12038031	Chrysler Crossfire 2D Limited
1	0.0	12038035	Chrysler Crossfire 2D SRT-6
192	0.0	12039000	Chrysler 300 4D 2WD
119	0.0	12039022	Chrysler 300 4D 2WD LX
8	0.0	12039031	Chrysler 300 4D 2WD Limited
1	0.0	12039036	Chrysler 300 4D 2WD 300S
643	0.1	12039038	Chrysler 300 4D 2WD Touring
32	0.0	12039042	Chrysler 300 4D 2WD Touring/Signature
2	0.0	12039043	Chrysler 300 4D 2WD Touring Plus
25	0.0	12040000	Chrysler PT Cruiser Conv
18	0.0	12040034	Chrysler PT Cruiser Conv GT
31	0.0	12040038	Chrysler PT Cruiser Conv Touring
13	0.0	12041000	Chrysler Crossfire Conv
3	0.0	12041031	Chrysler Crossfire Conv Limited
8	0.0	12042031	Chrysler 300 4D 4WD Limited
61	0.0	12042038	Chrysler 300 4D 4WD Touring
8	0.0	12042042	Chrysler 300 4D 4WD Touring/Signature
1	0.0	12043036	Chrysler 300 Hemi 4D 2WD 300S
346	0.1	12043037	Chrysler 300 4D 2WD C Hemi
13	0.0	12043039	Chrysler 300 Hemi 4D 2WD SRT-8
75	0.0	12044037	Chrysler 300 Hemi 4D 4WD C
7	0.0	12047031	Chrysler Sebring 4D 4WD Limited
1	0.0	13000000	Lincoln Unknown Series Model
1	0.0	13001000	Lincoln Continental 2D
3	0.0	13003000	Lincoln Mark IV
6	0.0	13004000	Lincoln Town Car/Continental 4D
90	0.0	13004001	Lincoln Town Car/Continental 4D Town Car
124	0.0	13004002	Lincoln Town Car/Continental 4D Cartier
591	0.1	13004003	Lincoln Town Car/Continental 4D Signature
2	0.0	13004007	Lincoln Town Car/Continental 4D Gucci
206	0.0	13004008	Lincoln Town Car/Continental 4D Town Car/Executive
154	0.0	13004009	Lincoln Town Car/Continental 4D Executive
28	0.0	13004013	Lincoln Town Car/Continental 4D Ultimate
30	0.0	13004015	Lincoln Town Car/Continental 4D Executive/Signature
90	0.0	13004016	Lincoln Town Car/Continental 4D Signature Limited
6	0.0	13004018	Lincoln Town Car/Continental 4D Designer Series
4	0.0	13005000	Lincoln Mark V
4	0.0	13008000	Lincoln Mark VI 4D
467	0.1	13009000	Lincoln Continental 4D
14	0.0	13009003	Lincoln Continental 4D Signature
50	0.0	13009009	Lincoln Continental 4D Executive
5	0.0	13010000	Lincoln Mark VII 2D
25	0.0	13010005	Lincoln Mark VII 2D LSC
11	0.0	13010006	Lincoln Mark VII 2D Blass
102	0.0	13011000	Lincoln Mark VIII 2D

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
30	0.0	13011005	Lincoln Mark VIII 2D LSC
19	0.0	13012000	Lincoln Navigatior 4D 4x2
307	0.1	13013000	Lincoln Navigatior 4D 4x4
154	0.0	13014010	Lincoln LS Sedan 4D V6
335	0.1	13014011	Lincoln LS Sedan 4D V8
4	0.0	13015017	Lincoln Town Car LWB 4D Signature L
32	0.0	13015019	Lincoln Town Car LWB 4D Executive L
1	0.0	13015020	Lincoln Town Car LWB 4D Cartier L
4	0.0	13018000	Lincoln Aviator 4D 4x2
25	0.0	13019000	Lincoln Aviator 4D 4x4
58	0.0	13019012	Lincoln Aviator 4D 4x4 AWD
2	0.0	13020000	Lincoln Mark LT Crew C PU 4x2
66	0.0	13021000	Lincoln Mark LT Crew C PU 4x4
526	0.1	13022000	Lincoln Zephyr/MKZ 4D
142	0.0	13023000	Lincoln MKS 4D 2WD
159	0.0	13024000	Lincoln MKX 4D 2WD
301	0.1	13025000	Lincoln MKX 4D 4WD
2	0.0	13026000	Lincoln Navigator L 4D 4x2
22	0.0	13027000	Lincoln Navigator L 4D 4x4
142	0.0	13028000	Lincoln MKZ 4D 4WD
130	0.0	13029000	Lincoln MKS 4D 4WD
44	0.0	13030000	Lincoln MKS Ecoboost 4D 4WD
22	0.0	13031000	Lincoln MKT 4D 2WD
60	0.0	13032000	Lincoln MKT 4D 4WD
1	0.0	13033000	Lincoln MKZ Hybrid 4D 2WD
17	0.0	14000000	Opel/Isuzu Unknown Series Model
1	0.0	14014000	Opel/Isuzu PU SH 1/2T 4x2
1	0.0	14019000	Opel/Isuzu Trooper II 2D 4x4
9	0.0	14025000	Opel/Isuzu PU SH 1/2T 4x2
1	0.0	14026000	Opel/Isuzu PU SH 1/2T 4x4
10	0.0	14027000	Opel/Isuzu Amigo 2D 4x2
11	0.0	14028000	Opel/Isuzu Amigo 2D 4x4
1	0.0	14029000	Opel/Isuzu Stylus 4D
1	0.0	14029011	Opel/Isuzu Stylus 4D S
63	0.0	14031000	Opel/Isuzu Trooper 4D 4x4
42	0.0	14034000	Opel/Isuzu Rodeo 4D 4x2
117	0.0	14035000	Opel/Isuzu Rodeo 4D 4x4
6	0.0	14038011	Opel/Isuzu Oasis Wagon S
5	0.0	14039000	Opel/Isuzu Hombre PU 4x2
1	0.0	14040000	Opel/Isuzu Hombre PU Space C 4x2
5	0.0	14043000	Opel/Isuzu Vehicross 2D 4x4
2	0.0	14044000	Opel/Isuzu Trooper 4D 4x2
1	0.0	14045000	Opel/Isuzu Rodeo Sport 2D 4x2
8	0.0	14046000	Opel/Isuzu Rodeo Sport 2D 4x4
4	0.0	14047000	Opel/Isuzu Axiom 4D 4x2
5	0.0	14048000	Opel/Isuzu Axiom 4D 4x4
1	0.0	14050000	Opel/Isuzu Ascender Ext 4D 4x4
3	0.0	14052000	Opel/Isuzu Ascender 4D 4x4
1	0.0	14054000	Opel/Isuzu I350 Crew Pickup 4x4
67	0.0	14055015	Opel/Isuzu Medium Duty 4500 Series, incomplete
13	0.0	14056015	Opel/Isuzu Medium Duty 5500 Series, incomplete
2	0.0	14058000	Opel/Isuzu I370 Crew Pickup 4x4

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
8	0.0	15000000	Datsun/Nissan Unknown Series Model
2	0.0	15001002	Datsun/Nissan 240/260/280/300 2D 280 ZX
1	0.0	15001005	Datsun/Nissan 240/260/280/300 2D 280 Z
12	0.0	15001007	Datsun/Nissan 240/260/280/300 2D 300 ZX
2	0.0	15010000	Datsun/Nissan Pickup Short 4x2
1	0.0	15015005	Datsun/Nissan 260/280/300 2+2 2D 280 Z
4	0.0	15015007	Datsun/Nissan 260/280/300 2+2 2D 300 ZX
28	0.0	15016000	Datsun/Nissan 200 SX 2D
12	0.0	15016013	Datsun/Nissan 200 SX 2D SE-R
21	0.0	15017000	Datsun/Nissan 810/Maxima Sedan
4	0.0	15017010	Datsun/Nissan 810/Maxima Sedan SE
33	0.0	15017011	Datsun/Nissan 810/Maxima Sedan GXE
418	0.1	15017023	Datsun/Nissan 810/Maxima Sedan GXE/SE/GLE
143	0.0	15017029	Datsun/Nissan 810/Maxima Sedan SE/SL
93	0.0	15017033	Datsun/Nissan 810/Maxima Sedan 3.5 S/3.5 SV
2	0.0	15032000	Datsun/Nissan King Cab PU 4x4
12	0.0	15034000	Datsun/Nissan Stanza 4D
24	0.0	15035000	Datsun/Nissan Sentra 2D
3	0.0	15035013	Datsun/Nissan Sentra 2D SE-R
1	0.0	15035019	Datsun/Nissan Sentra 2D Sport Coupe
733	0.2	15036000	Datsun/Nissan Sentra 4D
3	0.0	15036010	Datsun/Nissan Sentra 4D SE
2	0.0	15038009	Datsun/Nissan Pulsar 2D XE
1	0.0	15038010	Datsun/Nissan Pulsar 2D SE
1	0.0	15040000	Datsun/Nissan Stanza SW
8	0.0	15043000	Datsun/Nissan Pathfinder 2D 4x4
23	0.0	15045000	Datsun/Nissan PU Short 4x2
6	0.0	15046000	Datsun/Nissan PU Short 4x4
1	0.0	15046010	Datsun/Nissan PU Short 4x4 SE
15	0.0	15049000	Datsun/Nissan PU King C 4x2
16	0.0	15050000	Datsun/Nissan PU King C 4x4
1	0.0	15050010	Datsun/Nissan PU King C 4x4 SE
1	0.0	15052009	Datsun/Nissan 240 SX 2D XE
6	0.0	15052010	Datsun/Nissan 240 SX 2D SE
7	0.0	15052016	Datsun/Nissan 240 SX 2D Base/SE Coupe
5	0.0	15052017	Datsun/Nissan 240 SX 2D Base/SE/LE Liftback
1	0.0	15052020	Datsun/Nissan 240 SX 2D Base/SE Liftback
24	0.0	15057000	Datsun/Nissan Pathfinder 4D 4x2
357	0.1	15058000	Datsun/Nissan Pathfinder 4D 4x4
1	0.0	15059015	Datsun/Nissan NX 2D 2000
3	0.0	15061010	Datsun/Nissan 240 SX Conv SE
15	0.0	15062000	Datsun/Nissan Quest Van
4	0.0	15062010	Datsun/Nissan Quest Van SE
9	0.0	15062011	Datsun/Nissan Quest Van GXE
62	0.0	15062021	Datsun/Nissan Quest Van XE/GXE
17	0.0	15062023	Datsun/Nissan Quest Van GXE/SE/GLE
3	0.0	15062026	Datsun/Nissan Quest Van GLE
99	0.0	15062031	Datsun/Nissan Quest Van S/SL/SE
547	0.1	15064000	Datsun/Nissan Altima 4D
966	0.2	15064027	Datsun/Nissan Altima 4D 2.5
120	0.0	15064028	Datsun/Nissan Altima 4D 3.5
4	0.0	15065000	Datsun/Nissan Frontier PU Short 4x2

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	15066000	Datsun/Nissan Frontier PU Short 4x4
36	0.0	15067000	Datsun/Nissan Frontier PU King C 4x2
27	0.0	15068000	Datsun/Nissan Frontier PU King C 4x4
2	0.0	15068025	Datsun/Nissan Frontier PU King C 4x4 S/C
25	0.0	15069000	Datsun/Nissan XTerra 4D 4x2
247	0.1	15070000	Datsun/Nissan XTerra 4D 4x4
11	0.0	15070025	Datsun/Nissan XTerra 4D 4x4 S/C
9	0.0	15071000	Datsun/Nissan Frontier CR PU Short 4x2
41	0.0	15072000	Datsun/Nissan Frontier CR PU Short 4x4
6	0.0	15072025	Datsun/Nissan Frontier CR PU Short 4x4 S/C
3	0.0	15073000	Datsun/Nissan Frontier CR PU Long 4x2
17	0.0	15074000	Datsun/Nissan Frontier CR PU Long 4x4
1	0.0	15074025	Datsun/Nissan Frontier CR PU Long 4x4 S/C
45	0.0	15075000	Datsun/Nissan 350Z 2D
46	0.0	15076000	Datsun/Nissan Murano 4D 2WD
275	0.1	15077000	Datsun/Nissan Murano 4D 4WD
5	0.0	15078000	Datsun/Nissan Titan PU King Cab 4x2
25	0.0	15079000	Datsun/Nissan Titan PU King Cab 4x4
8	0.0	15080000	Datsun/Nissan Titan CR PU Short 4x2
39	0.0	15081000	Datsun/Nissan Titan CR PU Short 4x4
10	0.0	15082000	Datsun/Nissan 350Z Roadster Conv
6	0.0	15083000	Datsun/Nissan Pathfinder Armada 4D 4x2
40	0.0	15084000	Datsun/Nissan Pathfinder Armada 4D 4x4
64	0.0	15085030	Datsun/Nissan Versa 4D 1.8 S / 1.8 SL
22	0.0	15085036	Datsun/Nissan Versa 4D 1.6
159	0.0	15086030	Datsun/Nissan Versa 5D S/SL
39	0.0	15087000	Datsun/Nissan Sentra SE-R/2.5S/LTD 4D
1	0.0	15088000	Datsun/Nissan Altima Hybrid 4D
22	0.0	15089034	Datsun/Nissan Altima 2D 2.5 S
9	0.0	15089035	Datsun/Nissan Altima 2D 3.5 SE
40	0.0	15090000	Datsun/Nissan Rogue 4D 2WD
178	0.0	15091000	Datsun/Nissan Rogue 4D 4WD
1	0.0	15092000	Datsun/Nissan Titan Pickup King Cab Long 4x2
3	0.0	15093000	Datsun/Nissan Titan Pickup King Cab Long 4x4
1	0.0	15094000	Datsun/Nissan Titan Crew Pickup Long 4x2
3	0.0	15095000	Datsun/Nissan Titan Crew Pickup Long 4x4
1	0.0	15096000	Datsun/Nissan GT-R 2D 4WD
2	0.0	15097000	Datsun/Nissan 370Z 2D
40	0.0	15098000	Datsun/Nissan Cube SW
2	0.0	15100000	Datsun/Nissan 370Z Conv
2	0.0	15101000	Datsun/Nissan Juke 4D 2WD
1	0.0	15102000	Datsun/Nissan Juke 4D 4WD
25	0.0	16000000	Toyota Unknown Series Model
76	0.0	16002000	Toyota Land Cruiser 4D 4x4
324	0.1	16003000	Toyota Corolla Sedan 2WD
196	0.0	16003010	Toyota Corolla Sedan 2WD Deluxe
32	0.0	16003013	Toyota Corolla Sedan 2WD LE (Luxury Edition)
402	0.1	16003052	Toyota Corolla Sedan 2WD VE/CE/LE
1430	0.3	16003060	Toyota Corolla Sedan 2WD CE/LE/S
9	0.0	16003069	Toyota Corolla Sedan 2WD XRS
481	0.1	16003093	Toyota Corolla Sedan 2WD STD/S/LE/XLE
105	0.0	16003094	Toyota Corolla Sedan 2WD STD/LE/XLE

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## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
31	0.0	16004010	Toyota Corolla SW 2WD Deluxe
48	0.0	16010014	Toyota Celica 2D 2WD ST
51	0.0	16010015	Toyota Celica 2D 2WD GT
14	0.0	16010017	Toyota Celica GT-S
12	0.0	16010042	Toyota Celica 2D 2WD Liftback
74	0.0	16010054	Toyota Celica 2D 2WD GT Liftback
23	0.0	16010059	Toyota Celica 2D 2WD GTS Liftback
41	0.0	16013000	Toyota Pickup Short 1/2T 4x2
5	0.0	16013010	Toyota Pickup Short 1/2T 4x2 Deluxe
2	0.0	16014000	Toyota Pickup Long 1/2T 4x2
2	0.0	16014010	Toyota Pickup Long 1/2T 4x2 Deluxe
2	0.0	16014016	Toyota Pickup Long 1/2T 4x2 SR5 Sport
10	0.0	16015000	Toyota Cressida 4D
4	0.0	16017000	Toyota Pickup Short 1/2T 4x4
40	0.0	16017010	Toyota Pickup Short 1/2T 4x4 Deluxe
2	0.0	16018010	Toyota Pickup Long 1/2T 4x4 Deluxe
1	0.0	16018016	Toyota Pickup Long 1/2T 4x4 SR5 Sport
1	0.0	16019000	Toyota Celica Supra
47	0.0	16020000	Toyota Corolla Tercel 2D
20	0.0	16020010	Toyota Corolla Tercel 2D Deluxe
1	0.0	16020027	Toyota Corolla Tercel 2D EZ
10	0.0	16020043	Toyota Corolla Tercel 2D CE
20	0.0	16021010	Toyota Corolla Tercel 4D Deluxe
1	0.0	16021043	Toyota Corolla Tercel 4D CE
5	0.0	16023011	Toyota Corolla 2D SR5
705	0.1	16026000	Toyota Camry 4D 2WD
106	0.0	16026010	Toyota Camry 4D 2WD Deluxe
391	0.1	16026013	Toyota Camry 4D 2WD LE (Luxury Edition)
89	0.0	16026030	Toyota Camry 4D 2WD XLE
8	0.0	16026031	Toyota Camry 4D 2WD SE
672	0.1	16026050	Toyota Camry 4D 2WD CE/LE/XLE
209	0.0	16026051	Toyota Camry 4D 2WD LE/XLE V6
1684	0.4	16026064	Toyota Camry 4D 2WD LE/XLE/SE
294	0.1	16026065	Toyota Camry 4D 2WD LE/XLE/SE V6
10	0.0	16026075	Toyota Camry 4D 2WD SE V6
425	0.1	16026087	Toyota Camry 4D 2WD CE/LE/XLE/SE
1	0.0	16028010	Toyota Van 4x2 Deluxe
3	0.0	16028013	Toyota Van 4x2 LE (Luxury Edition)
14	0.0	16029010	Toyota PU Xtra Cab 1/2T 4x2 Deluxe
39	0.0	16030010	Toyota PU Extra Cab 1/2T 4x4 Deluxe
12	0.0	16030016	Toyota PU Extra Cab 1/2T 4x4 SR5 Sport
1	0.0	16032000	Toyota 4Runner Truck 4x4
1	0.0	16032010	Toyota 4Runner Truck 4x4 Deluxe
1	0.0	16032011	Toyota 4Runner Truck 4x4 SR5
9	0.0	16034015	Toyota Celica Conv GT
10	0.0	16035000	Toyota MR2
1	0.0	16035022	Toyota MR2 T-Bar
1	0.0	16035024	Toyota MR2 Turbo
1	0.0	16035028	Toyota MR2 Supercharged
1	0.0	16036010	Toyota 4Runner 2D 4x4 Deluxe
1	0.0	16036011	Toyota 4Runner 2D 4x4 SR5
5	0.0	16036016	Toyota 4Runner 2D 4x4 SR5 Sport



Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
5	0.0	16037000	Toyota Supra 2D
3	0.0	16037021	Toyota Supra 2D With Sport Roof
3	0.0	16037029	Toyota Supra 2D With Sport Roof, Turbo
3	0.0	16038000	Toyota Camry SW
8	0.0	16038010	Toyota Camry SW Deluxe
23	0.0	16038013	Toyota Camry SW LE (Luxury Edition)
1	0.0	16039025	Toyota Corolla FX 2D FX16
1	0.0	16042010	Toyota PU Extra Cab Long 1/2T 4x2 Deluxe
2	0.0	16045104	Toyota Chassis Cab incomplete
2	0.0	16046010	Toyota Corolla SW 4WD Deluxe
7	0.0	16048000	Toyota 4Runner 4D 4x2
19	0.0	16048039	Toyota 4Runner 4D 4x2 SR5 V6
5	0.0	16048044	Toyota 4Runner 4D 4x2 Limited V6
8	0.0	16048077	Toyota 4Runner 4D 4x2 SR5/Sport Edition V6
1	0.0	16049000	Toyota 4Runner 4D 4x4
205	0.0	16049039	Toyota 4Runner 4D 4x4 SR5 V6
151	0.0	16049044	Toyota 4Runner 4D 4x4 Limited V6
27	0.0	16049067	Toyota 4Runner 4D 4x4 Limited V8
127	0.0	16049077	Toyota 4Runner 4D 4x4 SR5/Sport Edition V6
42	0.0	16049078	Toyota 4Runner 4D 4x4 SR5/Sport Edition V8
17	0.0	16049098	Toyota 4Runner 4D 4x4 SR5/Limited/Trail V6
16	0.0	16050010	Toyota Previa Van 4x2 Deluxe
22	0.0	16050013	Toyota Previa Van 4x2 LE (Luxury Edition)
1	0.0	16050033	Toyota Previa Van 4x2 LE S/C
10	0.0	16050034	Toyota Previa Van 4x2 DX S/C
3	0.0	16051010	Toyota Previa Van 4x4 Deluxe
7	0.0	16051013	Toyota Previa Van 4x4 LE (Luxury Edition)
2	0.0	16051033	Toyota Previa Van 4x4 LE S/C
38	0.0	16052000	Toyota Paseo 2D
5	0.0	16053000	Toyota T100 Pickup 1/2T 4x2
4	0.0	16053010	Toyota T100 Pickup 1/2T 4x2 Deluxe
3	0.0	16053011	Toyota T100 Pickup 1/2T 4x2 SR5
1	0.0	16053032	Toyota T100 Pickup 1/2T 4x2 STD
3	0.0	16054010	Toyota T100 Pickup 1/2T 4x4 Deluxe
1	0.0	16054011	Toyota T100 Pickup 1/2T 4x4 SR5
5	0.0	16054032	Toyota T100 Pickup 1/2T 4x4 STD
5	0.0	16056000	Toyota Camry 2D
3	0.0	16056010	Toyota Camry 2D Deluxe
18	0.0	16056013	Toyota Camry 2D LE (Luxury Edition)
2	0.0	16056031	Toyota Camry 2D SE
17	0.0	16057035	Toyota Avalon 4D XL
28	0.0	16057036	Toyota Avalon 4D XLS
373	0.1	16057063	Toyota Avalon 4D XL/XLS
7	0.0	16057068	Toyota Avalon 4D V6/V6 Limited
151	0.0	16057089	Toyota Avalon 4D XL/XLS/Touring/Limited
15	0.0	16057096	Toyota Avalon 4D XL/XLS/Limited
2	0.0	16058000	Toyota T100 PU Extra Cab 1/2T 4x2
3	0.0	16058011	Toyota T100 PU Extra Cab 1/2T 4x2 SR5
4	0.0	16059000	Toyota T100 PU Extra Cab 1/2T 4x4
3	0.0	16059010	Toyota T100 PU Extra Cab 1/2T 4x4 Deluxe
12	0.0	16059011	Toyota T100 PU Extra Cab 1/2T 4x4 SR5
78	0.0	16060000	Toyota Tacoma PU 4x2

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	16060048	Toyota Tacoma PU 4x2 Prerunner
31	0.0	16061000	Toyota Tacoma PU Extra Cab 4x2
1	0.0	16061038	Toyota Tacoma PU Extra Cab 4x2 V6
4	0.0	16061048	Toyota Tacoma PU Extra Cab 4x2 Prerunner
14	0.0	16061055	Toyota Tacoma PU Extra Cab 4x2 Prerunner V6
2	0.0	16061082	Toyota Tacoma PU Extra Cab 4x2 X-runner V6
69	0.0	16062000	Toyota Tacoma PU 4x4
72	0.0	16063000	Toyota Tacoma PU Extra Cab 4x4
105	0.0	16063038	Toyota Tacoma PU Extra Cab 4x4 V6
6	0.0	16063039	Toyota Tacoma PU Extra Cab 4x4 SR5 V6
1	0.0	16063044	Toyota Tacoma PU Extra Cab 4x4 Limited V6
168	0.0	16065000	Toyota Rav4 4D 2WD
4	0.0	16065038	Toyota Rav4 4D 2WD V6
11	0.0	16065044	Toyota Rav4 4D 2WD Limited V6
96	0.0	16065083	Toyota Rav4 4D 2WD 4 Cylinder
7	0.0	16065084	Toyota Rav4 4D 2WD Sport 4 Cylinder
5	0.0	16065085	Toyota Rav4 4D 2WD Sport V6
25	0.0	16065086	Toyota Rav4 4D 2WD Limited 4 Cylinder
3	0.0	16066000	Toyota Rav4 2D 4WD
294	0.1	16067000	Toyota Rav4 4D 4WD
28	0.0	16067038	Toyota Rav4 4D 4WD V6
66	0.0	16067044	Toyota Rav4 4D 4WD Limited V6
257	0.1	16067083	Toyota Rav4 4D 4WD 4 Cylinder
13	0.0	16067084	Toyota Rav4 4D 4WD Sport 4 Cylinder
25	0.0	16067085	Toyota Rav4 4D 4WD Sport V6
69	0.0	16067086	Toyota Rav4 4D 4WD Limited 4 Cylinder
1	0.0	16068000	Toyota Paseo Conv
10	0.0	16069045	Toyota Sienna Van 2WD CE 4D
1	0.0	16069046	Toyota Sienna Van 2WD LE 4D
233	0.0	16069047	Toyota Sienna Van 2WD LE/XLE 5D
49	0.0	16069056	Toyota Sienna Van 2WD CE 5D
411	0.1	16069071	Toyota Sienna Van 2WD CE/LE 5D
137	0.0	16069072	Toyota Sienna Van 2WD XLE/LTD 5D
6	0.0	16069099	Toyota Sienna Van 2WD LE V6 5D
11	0.0	16069103	Toyota Sienna Van 2WD XLE/Limited V6 5D
51	0.0	16071031	Toyota Camry Solara 2D SE
124	0.0	16071049	Toyota Camry Solara 2D SE/SLE V6
30	0.0	16071074	Toyota Camry Solara 2D SE/SLE
9	0.0	16071088	Toyota Camry Solara 2D SE/SLE/SPORT
1	0.0	16071091	Toyota Camry Solara 2D SE/SLE/SPORT V6
11	0.0	16072038	Toyota Tundra PU 4x2 V6
3	0.0	16072079	Toyota Tundra PU 4x2 V8
6	0.0	16073039	Toyota Tundra PU AC Cab 4x2 SR5 V6
23	0.0	16073066	Toyota Tundra PU AC Cab 4x2 SR5 V8
5	0.0	16073067	Toyota Tundra PU AC Cab 4x2 Limited V8
5	0.0	16074066	TOYOTA Tundra PU 4x4 SR5 V8
2	0.0	16074079	TOYOTA Tundra PU 4x4 V8
2	0.0	16075039	Toyota Tundra PU AC Cab 4x4 SR5 V6
110	0.0	16075066	Toyota Tundra PU AC Cab 4x4 SR5 V8
46	0.0	16075067	Toyota Tundra PU AC Cab 4x4 Limited V8
46	0.0	16076000	Toyota Echo 2D
96	0.0	16077000	Toyota Echo 4D

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
12	0.0	16078000	Toyota MR2 Spyder Conv
1	0.0	16079031	Toyota Camry Solara Conv SE
27	0.0	16079049	Toyota Camry Solara Conv SE/SLE V6
13	0.0	16079091	Toyota Camry Solara Conv SE/SLE/Sport V6
815	0.2	16080000	Toyota Prius Hybrid 4D
3	0.0	16081048	Toyota Tacoma PU DBL Cab 4x2 Prerunner
13	0.0	16081055	Toyota Tacoma PU DBL Cab 4x2 Prerunner V6
92	0.0	16082038	Toyota Tacoma PU DBL Cab 4x4 V6
7	0.0	16083066	Toyota Sequoia 4D 4x2 SR5 V8
8	0.0	16083067	Toyota Sequoia 4D 4x2 Limited V8
60	0.0	16084066	Toyota Sequoia 4D 4x4 SR5 V8
92	0.0	16084067	Toyota Sequoia 4D 4x4 Limited V8
4	0.0	16084092	Toyota Sequoia 4D 4x4 Platinum V8
81	0.0	16085000	Toyota Highlander 4D 2WD
10	0.0	16085038	Toyota Highlander 4D 2WD V6
2	0.0	16085044	Toyota Highlander 4D 2WD Limited V6
52	0.0	16085068	Toyota Highlander 4D 2WD V6/V6 Limited
9	0.0	16085085	Toyota Highlander 4D 2WD Sport V6
74	0.0	16086000	Toyota Highlander 4D 4WD
41	0.0	16086038	Toyota Highlander 4D 4WD V6
21	0.0	16086044	Toyota Highlander 4D 4WD Limited V6
281	0.1	16086068	Toyota Highlander 4D 4WD V6/V6 Limited
2	0.0	16086075	Toyota Highlander 4D 4WD SE V6
24	0.0	16086085	Toyota Highlander 4D 4WD Sport V6
1	0.0	16086105	Toyota Highlander 4D 4WD Base/SE V6
39	0.0	16087032	Toyota Matrix SW 2WD STD
26	0.0	16087069	Toyota Matrix SW 2WD XRS
204	0.0	16087070	Toyota Matrix SW 2WD STD/XR
22	0.0	16087095	Toyota Matrix SW 2WD S
55	0.0	16088070	Toyota Matrix SW 4WD STD/XR
8	0.0	16088095	Toyota Matrix SW 4WD S
72	0.0	16089072	Toyota Seunna Van 4WD XLE/LTD 5D
29	0.0	16089073	Toyota Seunna Van 4WD LE 5D
3	0.0	16089099	Toyota Sienna Van 4WD LE V6 5D
1	0.0	16089103	Toyota Sienna Van 4WD XLE/Limited V6 5D
15	0.0	16090066	Toyota Tundra PU DBL Cab 4x2 SR5 V8
1	0.0	16090067	Toyota Tundra PU DBL Cab 4x2 Limited V8
133	0.0	16091066	Toyota Tundra PU DBL Cab SH 4x4 SR5 V8
26	0.0	16091067	Toyota Tundra PU DBL Cab SH 4x4 Limited V8
28	0.0	16091079	Toyota Tundra PU DBL Cab SH 4x4 V8
3	0.0	16092080	Toyota Tacoma PU DBL Cab LN 4x2 Prerunner Longbed V6
19	0.0	16093081	Toyota Tacoma PU DBL Cab LN 4x4 Longbed V6
1	0.0	16094000	Toyota FJ Cruiser 2D 4X2
97	0.0	16095000	Toyota FJ Cruiser 2D 4X4
5	0.0	16096068	Toyota Highlander Hybrid 4D 2WD V6/V6 Limited
9	0.0	16097038	Toyota Highlander Hybrid 4D 4WD V6
14	0.0	16097044	Toyota Highlander Hybrid 4D 4WD Limited V6
34	0.0	16097068	Toyota Highlander Hybrid 4D 4WD V6/V6 Limited
49	0.0	16098000	Toyota Yaris 3D
47	0.0	16098090	Toyota Yaris 3D Base/S
20	0.0	16099000	Toyota Yaris 4D
213	0.0	16099090	Toyota Yaris 4D Base/S

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
128	0.0	16100000	Toyota Camry Hybrid 4D
2	0.0	16101038	Toyota Tundra PU Long 4x2 V6
2	0.0	16101079	Toyota Tundra PU Long 4x2 V8
5	0.0	16104066	Toyota Tundra PU Double Cab Long 4x4 SR5 V8
1	0.0	16105066	Toyota Tundra PU Crew Max 4x2 SR5 V8
12	0.0	16106066	Toyota Tundra PU Crew Max 4x4 SR5 V8
13	0.0	16106067	Toyota Tundra PU Crew Max 4x4 Limited V8
3	0.0	16106079	Toyota Tundra PU Crew Max 4x4 V8
14	0.0	16107000	Toyota Yaris 5D
16	0.0	16107090	Toyota Yaris 5D Base/S
24	0.0	16108000	Toyota Venza 4D 2WD
4	0.0	16108038	Toyota Venza 4D 2WD V6
14	0.0	16109000	Toyota Venza 4D 4WD
22	0.0	16109038	Toyota Venza 4D 4WD V6
6	0.0	17002000	Capri/Merkur XR4TI 2D
1	0.0	17003000	Capri/Merkur Scorpio 4D
94	0.0	18000000	Mazda Unknown Series Model
1	0.0	18013001	Mazda GLC Sedan FWD
10	0.0	18016000	Mazda RX-7 Coupe
1	0.0	18016002	Mazda RX-7 Coupe Turbo
16	0.0	18018000	Mazda 626 Sedan
4	0.0	18018004	Mazda 626 Sedan ES
202	0.0	18018008	Mazda 626 Sedan DX/LX
87	0.0	18018010	Mazda 626 Sedan LX-V6/ES-V6
141	0.0	18018013	Mazda 626 Sedan LX/ES
25	0.0	18018015	Mazda 626 Sedan LX
44	0.0	18019000	Mazda B Series STD PU 4x2
28	0.0	18022005	Mazda 626/MX-6 2D MX-6
1	0.0	18022006	Mazda 626/MX-6 2D MX-6 Turbo
18	0.0	18022007	Mazda 626/MX-6 2D MX-6 LS
38	0.0	18025000	Mazda B Series Cab+ PU 4x2
6	0.0	18025021	Mazda B Series Cab+ PU 4x2 2-DOOR
1	0.0	18025022	Mazda B Series Cab+ PU 4x2 4-DOOR
9	0.0	18026000	Mazda 323 2D 2WD
64	0.0	18027009	Mazda 323 4D 2WD Protege
14	0.0	18029000	Mazda B Series STD PU 4x4
23	0.0	18031000	Mazda B Series Cab+ PU 4x4
2	0.0	18031021	Mazda B Series Cab+ PU 4x4 2-DOOR
3	0.0	18031022	Mazda B Series Cab+ PU 4x4 4-DOOR
2	0.0	18032000	Mazda RX-7 Conv
1	0.0	18033002	Mazda 323 2D 4WD Turbo
14	0.0	18034000	Mazda 929 4D
168	0.0	18036000	Mazda MPV Van 2WD
18	0.0	18037000	Mazda MPV Van 4WD
105	0.0	18038000	Mazda MX-5 Miata Conv
1	0.0	18038023	Mazda MX-5 Miata Conv Mazdaspeed
6	0.0	18040000	Mazda Navajo 2D 4x4
12	0.0	18041000	Mazda MX-3 Coupe
2	0.0	18041011	Mazda MX-3 Coupe GS
57	0.0	18043000	Mazda Millenia 4D
8	0.0	18043012	Mazda Millenia 4D S
6	0.0	18043014	Mazda Millenia 4D S/Millennium Edition

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
42	0.0	18043020	Mazda Millenia 4D P
33	0.0	18044004	Mazda Protege 4D ES
203	0.0	18044008	Mazda Protege 4D DX/LX
26	0.0	18044017	Mazda Protege 4D LX 2.0/ES 2.0
1	0.0	18044018	Mazda Protege 4D MP3
103	0.0	18044019	Mazda Protege 4D DX/LX/ES 2.0
3	0.0	18044023	Mazda Protege 4D Mazdaspeed
13	0.0	18045010	Mazda Tribute 4D 2WD LX-V6/ES-V6
7	0.0	18045012	Mazda Tribute 4D 2WD S
8	0.0	18045016	Mazda Tribute 4D 2WD DX
4	0.0	18045024	Mazda Tribute 4D 2WD LX-V6
5	0.0	18045025	Mazda Tribute 4D 2WD ES-V6
22	0.0	18045026	Mazda Tribute 4D 2WD I
70	0.0	18046010	Mazda Tribute 4D 4WD LX-V6/ES-V6
29	0.0	18046012	Mazda Tribute 4D 4WD S
10	0.0	18046016	Mazda Tribute 4D 4WD DX
27	0.0	18046024	Mazda Tribute 4D 4WD LX-V6
29	0.0	18046025	Mazda Tribute 4D 4WD ES-V6
11	0.0	18046026	Mazda Tribute 4D 4WD I
59	0.0	18047000	Mazda Protege 5 SW
194	0.0	18048012	Mazda 6 4D S
506	0.1	18048026	Mazda 6 4D I
39	0.0	18049000	Mazda RX-8 2D
190	0.0	18050012	Mazda 3 4D S
316	0.1	18050026	Mazda 3 4D I
2	0.0	18050027	Mazda 3 4D I Sport
1	0.0	18050030	Mazda 3 4D S Sport
164	0.0	18051012	Mazda 3 5D S
1	0.0	18051030	Mazda 3 SW S Sport
33	0.0	18052012	Mazda 6 5D S
18	0.0	18052026	Mazda 6 5D 1
13	0.0	18053012	Mazda 6 SW S
14	0.0	18054023	Mazda 6 4D 4WD MazdaSpeed
108	0.0	18055000	Mazda 5 SW
108	0.0	18056000	Mazda CX-7 4D 2WD/4WD
12	0.0	18057000	Mazda CX-9 4D 2WD
58	0.0	18058000	Mazda CX-9 4D 4WD
20	0.0	18059000	Mazda MazdaSpeed 3 SW
38	0.0	18062026	Mazda CX-7 4D 2WD I
8	0.0	18063012	Mazda CX-7 4D 4WD S
2	0.0	18064000	Mazda 2 5D
6	0.0	20000000	Volvo Unknown Series Model
1	0.0	20007000	Volvo 240 2D
11	0.0	20008000	Volvo 240 4D
1	0.0	20008004	Volvo 240 4D De Luxe (DL)
13	0.0	20008007	Volvo 240 4D DL/GL
6	0.0	20008012	Volvo 240 4D Base/DL
8	0.0	20008013	Volvo 240 4D Base/GL
6	0.0	20009000	Volvo 240 SW
1	0.0	20009004	Volvo 240 SW De Luxe (DL)
8	0.0	20009007	Volvo 240 SW DL/GL
1	0.0	20009012	Volvo 240 SW Base/DL

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	20009015	Volvo 240 SW Base/SE
1	0.0	20013010	Volvo 760/740 4D 760 GLE
5	0.0	20013011	Volvo 760/740 4D 740 GLE
1	0.0	20014011	Volvo 760/740 SW 740 GLE
1	0.0	20015009	Volvo 780 2D Turbo
2	0.0	20016005	Volvo 760 4D Grand Luxe Exec (GLE)
2	0.0	20016009	Volvo 760 4D Turbo
2	0.0	20018000	Volvo 740 4D
1	0.0	20018002	Volvo 740 4D Grand Luxe (GL)
1	0.0	20018009	Volvo 740 4D Turbo
5	0.0	20018013	Volvo 740 4D Base/GL
7	0.0	20019000	Volvo 740 SW
1	0.0	20019002	Volvo 740 SW Grand Luxe (GL)
2	0.0	20019005	Volvo 740 SW Grand Luxe Exec (GLE)
5	0.0	20019009	Volvo 740 SW Turbo
2	0.0	20019013	Volvo 740 SW Base/GL
1	0.0	20019017	Volvo 740 SW GLE Turbo
8	0.0	20020000	Volvo 940 4D
3	0.0	20020002	Volvo 940 4D Grand LUXE (GL)
1	0.0	20020005	Volvo 940 4D Grand Luxe Exec (GLE)
8	0.0	20020009	Volvo 940 4D Turbo
5	0.0	20021000	Volvo 940 SW
4	0.0	20021009	Volvo 940 SW Turbo
30	0.0	20022000	Volvo 960/S90 4D
6	0.0	20023000	Volvo 960/V90 SW
21	0.0	20024000	Volvo 850 4D
17	0.0	20024009	Volvo 850 4D Turbo
10	0.0	20024019	Volvo 850 4D GLT
26	0.0	20024020	Volvo 850 4D Base/GLT
1	0.0	20024021	Volvo 850 4D T-5R
3	0.0	20024022	Volvo 850 4D R
2	0.0	20024023	Volvo 850 4D T5
3	0.0	20025000	Volvo 850 SW
10	0.0	20025009	Volvo 850 SW Turbo
1	0.0	20025019	Volvo 850 SW GLT
13	0.0	20025020	Volvo 850 SW Base/GLT
44	0.0	20026000	Volvo S70 4D 2WD
6	0.0	20026015	Volvo S70 4D 2WD Base/SE
16	0.0	20026019	Volvo S70 4D 2WD GLT
8	0.0	20026023	Volvo S70 4D 2WD T5
5	0.0	20026028	Volvo S70 4D 2WD GLT/GLT SE
34	0.0	20027000	Volvo V70 SW 2WD
3	0.0	20027015	Volvo V70 SW 2WD Base/SE
4	0.0	20027019	Volvo V70 SW 2WD GLT
9	0.0	20027023	Volvo V70 SW 2WD T5
3	0.0	20027030	Volvo V70 SW 2WD 2.4T
6	0.0	20027038	Volvo V70 SW 2WD 2.5T
5	0.0	20027045	Volvo V70 SW 2WD 3.2
147	0.0	20028024	Volvo V70 SW 4WD XC AWD
8	0.0	20028026	Volvo V70 SW 4WD AWD
16	0.0	20028029	Volvo V70 SW 4WD XC AWD/XC AWD SE
1	0.0	20028051	Volvo V70 SW 4WD XC AWD 3.2

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	20028052	Volvo V70 SW 4WD XC AWD T6
5	0.0	20029000	Volvo C70 2D
9	0.0	20030000	Volvo C70 Conv
16	0.0	20030023	Volvo C70 Conv T5
4	0.0	20031026	Volvo S70 4D 4WD AWD
58	0.0	20032000	Volvo S80 4D 2WD
48	0.0	20032027	Volvo S80 4D 2WD T-6
9	0.0	20032038	Volvo S80 4D 2WD 2.5T
45	0.0	20032045	Volvo S80 4D 2WD 3.2
30	0.0	20033000	Volvo S40 4D
56	0.0	20033031	Volvo S40 4D 1.9T
2	0.0	20034000	Volvo V40 SW
7	0.0	20034031	Volvo V40 SW 1.9T
51	0.0	20035000	Volvo S60 4D 2WD
15	0.0	20035023	Volvo S60 4D 2WD T5
33	0.0	20035030	Volvo S60 4D 2WD 2.4T
68	0.0	20035038	Volvo S60 4D 2WD 2.5T
15	0.0	20036026	Volvo S60 4D 4WD AWD
33	0.0	20036039	Volvo S60 4D 4WD 2.5T AWD
4	0.0	20037032	Volvo XC90 4D 2WD 5-Pass
2	0.0	20037033	Volvo XC90 4D 2WD 7-Pass
1	0.0	20037046	Volvo XC90 4D 2WD 3.2 5-Pass
13	0.0	20038034	Volvo XC90 4D 4WD AWD 5-Pass
29	0.0	20038035	Volvo XC90 4D 4WD AWD 7-Pass
8	0.0	20038036	Volvo XC90 4D 4WD T-6 AWD 5-Pass
25	0.0	20038037	Volvo XC90 4D 4WD T-6 AWD 7-Pass
27	0.0	20038043	Volvo XC90 4D 4WD V8 AWD 7-Pass
5	0.0	20038048	Volvo XC90 4D 4WD 3.2 AWD 5-Pass
1	0.0	20038049	Volvo XC90 4D 4WD V8 AWD Sport 7-Pass
38	0.0	20038050	Volvo XC90 4D 4WD 3.2 AWD 7-Pass
8	0.0	20039026	Volvo S80 4D 4WD AWD
14	0.0	20039027	Volvo S80 4D 4WD T6
6	0.0	20039044	Volvo S80 4D 4WD V8
14	0.0	20040023	Volvo S40 4D 2WD T5
67	0.0	20040041	Volvo S40 4D 2WD 2.4I
10	0.0	20041042	Volvo S40 4D 4WD T5 AWD
13	0.0	20042041	Volvo V50 SW 2WD 2.4I
5	0.0	20043042	Volvo V50 SW 4WD T5 AWD
11	0.0	20044026	Volvo S60 R 4D 4WD AWD
7	0.0	20045026	Volvo V70 R SW 4WD AWD
15	0.0	20046023	Volvo C30 3D 2WD T5
15	0.0	20047027	Volvo XC60 4D 4WD T6
3	0.0	20047045	Volvo XC60 4D 4WD 3.2
2	0.0	20048045	Volvo XC60 4D 2WD 3.2
1	0.0	21000000	Audi Unknown Series Model
3	0.0	21006001	Audi 5000 4D 2WD S
1	0.0	21007000	Audi 4000 4D 2WD
1	0.0	21012001	Audi 4000 Quattro 4D 4WD S
1	0.0	21015000	Audi 80 4D 2WD
1	0.0	21017000	Audi 90 4D 2WD
1	0.0	21017004	Audi 90 4D 2WD CS
1	0.0	21018004	Audi 90 Quattro 4D 4WD CS

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
2	0.0	21019000	Audi 100 4D 2WD
8	0.0	21019001	Audi 100 4D 2WD S
4	0.0	21019004	Audi 100 4D 2WD CS
4	0.0	21021004	Audi 100 Quattro 4D 4WD CS
1	0.0	21022000	Audi 200 4D
3	0.0	21023002	Audi 200 Quattro 4D 4WD 4WD
1	0.0	21024002	Audi 200 Quattro SW 4WD 4WD
2	0.0	21026002	Audi V8 Quattro 4D 4WD
6	0.0	21027010	Audi S4 Quattro 4D 4.2
18	0.0	21027011	Audi S4 Quattro 4D 2.7T
1	0.0	21028004	Audi 100 Quattro SW 4WD CS
4	0.0	21029000	Audi Cabriolet Conv 4WD
4	0.0	21030000	Audi A6 4D
3	0.0	21030008	Audi A6 4D 2.8
7	0.0	21030012	Audi A6 4D 3.0
1	0.0	21030014	Audi A6 4D 3.2
10	0.0	21032002	Audi A6 Quattro 4D 4WD 4WD
79	0.0	21032008	Audi A6 Quattro 4D 4WD 2.8
23	0.0	21032010	Audi A6 Quattro 4D 4WD 4.2
40	0.0	21032011	Audi A6 Quattro 4D 4WD 2.7T
39	0.0	21032012	Audi A6 Quattro 4D 4WD 3.0
2	0.0	21032013	Audi A6 Quattro 4D 4WD 2.7T S-Line
37	0.0	21032014	Audi A6 Quattro 4D 4WD 3.2
1	0.0	21032021	Audi A6 Quattro 4D 4WD 3.2 S-Line
1	0.0	21032039	Audi A6 Quattro 4D 4WD 3.0T Prestige
3	0.0	21032041	Audi A6 Quattro 4D 4WD 3.0T Premium Plus
9	0.0	21033002	Audi A6 Quattro SW 4WD 4WD
1	0.0	21034028	Audi S6 Quattro 4D 4WD 5.2
1	0.0	21035002	Audi S6 Quattro SW 4WD 4WD
9	0.0	21036000	Audi A4 4D
17	0.0	21036007	Audi A4 4D 1.8T
3	0.0	21036008	Audi A4 4D 2.8
12	0.0	21037002	Audi A4 Quattro 4D 4WD
172	0.0	21037007	Audi A4 Quattro 4D 1.8T
52	0.0	21037008	Audi A4 Quattro 4D 2.8
34	0.0	21037012	Audi A4 Quattro 4D 3.0
23	0.0	21039010	Audi A8 Quattro 4D 4.2
1	0.0	21040008	Audi A4 Avant SW 2.8
14	0.0	21041007	Audi A4 Avant Quattro SW 1.8T
9	0.0	21041008	Audi A4 Avant Quattro SW 2.8
4	0.0	21041012	Audi A4 Avant Quattro SW 3.0
20	0.0	21042008	Audi A6 Avant Quattro SW 4WD 2.8
8	0.0	21042012	Audi A6 Avant Quattro SW 4WD 3.0
2	0.0	21042014	Audi A6 Avant Quattro SW 4WD 3.2
1	0.0	21042039	Audi A6 Avant Quattro SW 4WD 3.0T Prestige
6	0.0	21043000	Audi TT Coupe 2WD
2	0.0	21043015	Audi TT Coupe 2WD 2.0T
20	0.0	21044000	Audi TT Coupe Quattro 4WD
1	0.0	21044014	Audi TT Coupe Quattro 4WD 3.2
8	0.0	21045000	Audi TT Roadster Conv 2WD
1	0.0	21045015	Audi TT Roadster Conv 2WD 2.0T
1	0.0	21045029	Audi TT Roadster Conv 2WD 2.0 Premium Plus



Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
12	0.0	21046000	Audi TT Roadster Conv Quattro 4WD
1	0.0	21046014	Audi TT Roadster Conv Quattro 4WD 3.2
27	0.0	21047010	Audi A8L Quattro 4D 4.2
1	0.0	21048010	Audi S4 Avant Quattro SW 4.2
1	0.0	21048011	Audi S4 Avant Quattro SW 2.7T
1	0.0	21049010	Audi S8 Quattro 4D 4WD 4.2
1	0.0	21049028	Audi S8 Quattro 4D 4WD 5.2
26	0.0	21050011	Audi Allroad Quattro SW 2.7T
1	0.0	21051010	Audi S6 Avant Quattro SW 4.2
6	0.0	21052007	Audi A4 Cabriolet Conv 2WD 1.8T
2	0.0	21052012	Audi A4 Cabriolet Conv 2WD 3.0
1	0.0	21052017	Audi A4 Cabriolet Conv 2WD 1.8T S-line
3	0.0	21054012	Audi A4 Cabriolet Conv Quattro 4WD 3.0
3	0.0	21054014	Audi A4 Cabriolet Conv Quattro 4WD 3.2
8	0.0	21054015	Audi A4 Cabriolet Conv Quattro 4WD 2.0T
2	0.0	21055010	Audi S4 Cabriolet Conv Quattro 4WD 4.2
4	0.0	21056015	Audi A3 SW 2WD 2.0T
6	0.0	21056023	Audi A3 SW 2WD 2.0T Premium
2	0.0	21056048	Audi A3 SW 2WD 2.0T Premium
1	0.0	21057015	Audi A3 Quattro SW 4WD 2.0T
1	0.0	21057021	Audi A3 Quattro SW 4WD 3.2 S-Line
3	0.0	21058010	Audi Q7 4D 4WD 4.2
11	0.0	21058022	Audi Q7 4D 4WD 4.2 Premium
3	0.0	21058024	Audi Q7 4D 4WD 3.6
28	0.0	21058025	Audi Q7 4D 4WD 3.6 Premium
2	0.0	21058037	Audi Q7 4D 4WD TDI S-Line
1	0.0	21058046	Audi Q7 4D 4WD 3.6 Premium Plus S-Line
4	0.0	21058048	Audi Q7 4D 4WD TDI Premium Plus
1	0.0	21058055	Audi Q7 4D 4WD TDI Prestige
11	0.0	21059015	Audi A4 4D 2WD 2.0T
1	0.0	21059020	Audi A4 4D 2WD 2.0T S-Line
3	0.0	21059023	Audi A4 4D 2WD (New) 2.0T Premium
5	0.0	21060014	Audi A4 Quattro 4D 4WD 3.2
96	0.0	21060015	Audi A4 Quattro 4D 4WD 2.0T
4	0.0	21060020	Audi A4 Quattro 4D 4WD 2.0T S-line
33	0.0	21060023	Audi A4 Quattro 4D 4WD 2.0T Premium
18	0.0	21060029	Audi A4 Quattro 4D 4WD 2.0T Premium Plus
1	0.0	21060030	Audi A4 Quattro 4D 4WD 2.0T Prestige
2	0.0	21060031	Audi A4 Quattro 4D 4WD 3.2 Premium Plus
2	0.0	21061014	Audi A4 Avant Quattro 4WD 3.2
7	0.0	21061015	Audi A4 Avant Quattro 4WD 2.0T
1	0.0	21061023	Audi A4 Avant Quat 4WD (New) 2.0T Premium
1	0.0	21061029	Audi A4 Avant Quat 4WD (New) 2.0T Premium Plus
1	0.0	21061030	Audi A4 Avant Quat 4WD (New) 2.0T Prestige
7	0.0	21062010	Audi S4 Quattro 4D 4WD 4.2
1	0.0	21062041	Audi S4 Quattro 4D 4WD (New) 3.0T Premium Plus
1	0.0	21064010	Audi RS4 Quattro 4D 4WD 4.2
3	0.0	21066014	Audi A5 Quattro 2D 4WD 3.2
9	0.0	21066029	Audi A5 Quattro 2D 4WD 2.0T Premium Plus
1	0.0	21066051	Audi A5 Quattro 2D 4WD 2.0T Prestige S-Line
3	0.0	21067010	Audi S5 Quattro 2D 4WD 4.2
3	0.0	21067035	Audi S5 Quattro 2D 4WD 4.2 Prestige

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	21067052	Audi S5 Quattro 2D 4WD 4.2 Premium Plus
2	0.0	21069023	Audi Q5 4D 4WD 2.0T Premium
2	0.0	21069029	Audi Q5 4D 4WD 2.0T Premium Plus
13	0.0	21069031	Audi Q5 4D 4WD 3.2 Premium Plus
3	0.0	21069032	Audi Q5 4D 4WD 3.2 Prestige
1	0.0	21069042	Audi Q5 4D 4WD 3.2 Premium
5	0.0	21069044	Audi Q5 4D 4WD 3.2/Premium/Prestige
1	0.0	21071030	Audi TTS Roadster Conv Quattro 4WD 2.0T Prestige
1	0.0	21073051	Audi A5 Cabrio Conv Quattro 4WD 2.0T Prestige S-Line
1	0.0	21074039	Audi S5 Cabrio Conv Quattro 4WD 3.0T Prestige
1	0.0	22005000	Dodge/Mitsubishi Challenger
3	0.0	22006000	Dodge/Mitsubishi Colt 2D
1	0.0	22006005	Dodge/Mitsubishi Colt 2D E
2	0.0	22006011	Dodge/Mitsubishi Colt 2D GL
1	0.0	22006012	Dodge/Mitsubishi Colt 2D ES
1	0.0	22010000	Dodge/Mitsubishi Colt Vista SW 4WD
3	0.0	22011000	Dodge/Mitsubishi Raider
14	0.0	22014000	Dodge/Mitsubishi Stealth 2D 2WD
13	0.0	22014012	Dodge/Mitsubishi Stealth 2D 2WD ES
14	0.0	22014013	Dodge/Mitsubishi Stealth 2D 2WD R/T
8	0.0	22015014	Dodge/Mitsubishi Stealth 2D 4WD R/T Turbo
19	0.0	23000000	Honda Unknown Series Model
1	0.0	23001009	Honda Civic CVCC/CRX 2D CRX HF
15	0.0	23001015	Honda Civic CVCC/CRX 2D CRX
10	0.0	23001016	Honda Civic CVCC/CRX 2D CRX SI
22	0.0	23002000	Honda Civic CVCC 3D
75	0.0	23002001	Honda Civic CVCC 3D DX
29	0.0	23002010	Honda Civic CVCC 3D SI
11	0.0	23002023	Honda Civic CVCC 3D VX
35	0.0	23002024	Honda Civic CVCC 3D CX
6	0.0	23003000	Honda Civic CVCC SW
1	0.0	23006000	Honda Accord 2D
6	0.0	23006001	Honda Accord 2D DX
133	0.0	23006003	Honda Accord 2D LX
14	0.0	23006004	Honda Accord 2D SE
10	0.0	23006011	Honda Accord 2D LXI
237	0.0	23006018	Honda Accord 2D EX
4	0.0	23006027	Honda Accord 2D LX With ABS
3	0.0	23006038	Honda Accord 2D LX-ULEV
9	0.0	23006039	Honda Accord 2D EX-ULEV
13	0.0	23006040	Honda Accord 2D LX-V6
159	0.0	23006041	Honda Accord 2D EX-V6
1	0.0	23006048	Honda Accord 2D LX With Side Airbags
18	0.0	23006054	Honda Accord 2D EX-L
15	0.0	23006057	Honda Accord 2D LX Special Edition
2	0.0	23006059	Honda Accord 2D LS Special Edition SAB
2	0.0	23006063	Honda Accord 2D EX-V6 With NAVI
2	0.0	23006073	Honda Accord 2D SE-V6
25	0.0	23006082	Honda Accord 2D EX-L-V6
8	0.0	23006084	Honda Accord 2D LX-S
9	0.0	23008000	Honda Accord 4D
54	0.0	23008001	Honda Accord 4D DX

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1660	0.3	23008003	Honda Accord 4D LX
184	0.0	23008004	Honda Accord 4D SE
51	0.0	23008007	Honda Accord 4D Special Edition
1	0.0	23008008	Honda Accord 4D SEI
16	0.0	23008011	Honda Accord 4D LXI
1198	0.2	23008018	Honda Accord 4D EX
15	0.0	23008026	Honda Accord 4D 10th Anniversary Edition
39	0.0	23008027	Honda Accord 4D LX With ABS
1	0.0	23008030	Honda Accord 4D DX With ABS
8	0.0	23008033	Honda Accord 4D 25th Anniversary Edition
62	0.0	23008034	Honda Accord 4D Value Package
31	0.0	23008038	Honda Accord 4D LX-ULEV
22	0.0	23008039	Honda Accord 4D EX-ULEV
57	0.0	23008040	Honda Accord 4D LX-V6
588	0.1	23008041	Honda Accord 4D EX-V6
1	0.0	23008044	Honda Accord 4D Special Edition-ULEV
7	0.0	23008047	Honda Accord 4D EX With NAVI
11	0.0	23008048	Honda Accord 4D LX With Side Airbags
140	0.0	23008054	Honda Accord 4D EX-L
110	0.0	23008057	Honda Accord 4D LX Special Edition
5	0.0	23008063	Honda Accord 4D EX-V6 With NAVI
25	0.0	23008073	Honda Accord 4D SE-V6
29	0.0	23008074	Honda Accord 4D VP
81	0.0	23008081	Honda Accord 4D LX-P
95	0.0	23008082	Honda Accord 4D EX-L-V6
26	0.0	23009000	Honda Prelude 2D
6	0.0	23009006	Honda Prelude 2D S
22	0.0	23009010	Honda Prelude 2D SI
5	0.0	23009019	Honda Prelude 2D SI 4WS
1	0.0	23009021	Honda Prelude 2D 2.0 S
12	0.0	23009022	Honda Prelude 2D 2.0 SI
2	0.0	23009025	Honda Prelude 2D VTEC
3	0.0	23009035	Honda Prelude 2D SH
2	0.0	23010000	Honda Civic 4D
124	0.0	23010001	Honda Civic 4D DX
1861	0.4	23010003	Honda Civic 4D LX
717	0.1	23010018	Honda Civic 4D EX
10	0.0	23010027	Honda Civic 4D LX With ABS
2	0.0	23010030	Honda Civic 4D DX With ABS
1	0.0	23010036	Honda Civic 4D GX
94	0.0	23010037	Honda Civic 4D DX-V
37	0.0	23010048	Honda Civic 4D LX With Side Airbags
40	0.0	23010051	Honda Civic 4D EX With Side Airbags
36	0.0	23010054	Honda Civic 4D EX-L
88	0.0	23010064	Honda Civic 4D DX-VP
6	0.0	23010065	Honda Civic 4D DX-VP with SAB
12	0.0	23010074	Honda Civic 4D VP
44	0.0	23010084	Honda Civic 4D LX-S
2	0.0	23011000	Honda Civic SW 4x4
22	0.0	23012003	Honda Accord SW LX
22	0.0	23012018	Honda Accord SW EX
18	0.0	23013006	Honda Civic Del Sol Conv S

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
18	0.0	23013010	Honda Civic Del Sol Conv SI
2	0.0	23013025	Honda Civic Del Sol Conv VTEC
128	0.0	23014001	Honda Civic 2D Coupe DX
276	0.1	23014003	Honda Civic 2D Coupe LX
21	0.0	23014010	Honda Civic 2D Coupe SI
675	0.1	23014018	Honda Civic 2D Coupe EX
14	0.0	23014028	Honda Civic 2D Coupe EX with ABS
25	0.0	23014031	Honda Civic 2D Coupe HX
10	0.0	23014048	Honda Civic 2D Coupe LX with Side Airbags
13	0.0	23014051	Honda Civic 2D Coupe EX with Side Airbags
1	0.0	23014053	Honda Civic 2D Coupe HX with Side Airbags
19	0.0	23014054	Honda Civic 2D Coupe EX-L
37	0.0	23014064	Honda Civic 2D Coupe DX-VP
4	0.0	23014065	Honda Civic 2D Coupe DX-VP with Side Airbags
7	0.0	23015000	Honda Passport 4D 4x2
118	0.0	23016000	Honda Passport 4D 4x4
38	0.0	23017003	Honda Odyssey Wagon LX
14	0.0	23017018	Honda Odyssey Wagon EX
439	0.1	23018003	Honda CR-V 4D 4WD LX
109	0.0	23018004	Honda CR-V 4D 4WD SE
901	0.2	23018018	Honda CR-V 4D 4WD EX
39	0.0	23018027	Honda CR-V 4D 4WD LX with ABS
7	0.0	23018048	Honda CR-V 4D 4WD LX with Side Airbags
186	0.0	23018054	Honda CR-V 4D 4WD EX-L
99	0.0	23020003	Honda CR-V 4D 2WD LX
14	0.0	23020018	Honda CR-V 4D 2WD EX
1	0.0	23020048	Honda CR-V 4D 2WD LX with Side Airbags
5	0.0	23020054	Honda CR-V 4D 2WD EX-L
1	0.0	23021000	Honda Odyssey Cargo Van
271	0.1	23022003	Honda Odyssey Minivan LX
531	0.1	23022018	Honda Odyssey Minivan EX
11	0.0	23022047	Honda Odyssey Minivan EX with NAVI
289	0.1	23022054	Honda Odyssey Minivan EXL
385	0.1	23022055	Honda Odyssey Minivan EXL with RES
14	0.0	23022056	Honda Odyssey Minivan EXL with NAVI
39	0.0	23022067	Honda Odyssey Minivan EX with RES
79	0.0	23022069	Honda Odyssey Minivan Touring
12	0.0	23023042	Honda S2000 Conv Soft Top
15	0.0	23024000	Honda Insight Hybrid 3D
52	0.0	23025003	Honda Pilot 4D 4WD LX
12	0.0	23025004	Honda Pilot 4D 4WD SE
135	0.0	23025018	Honda Pilot 4D 4WD EX
217	0.0	23025054	Honda Pilot 4D 4WD EX-L
123	0.0	23025055	Honda Pilot 4D 4WD EX-L with RES
44	0.0	23025056	Honda Pilot 4D 4WD EX-L with NAVI
7	0.0	23025069	Honda Pilot 4D 4WD Touring
12	0.0	23025074	Honda Pilot 4D 4WD VP
14	0.0	23025083	Honda Pilot 4D 4WD Touring with RES
178	0.0	23026062	Honda Civic Hybrid 4D with Side Airbags
19	0.0	23027003	Honda Element 4D 2WD LX
15	0.0	23027018	Honda Element 4D 2WD EX
5	0.0	23027051	Honda Element 4D 2WD EX with Side Airbags

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
2	0.0	23027076	Honda Element 4D 2WD EX-P
1	0.0	23027078	Honda Element 4D 2WD SC
5	0.0	23028001	Honda Element 4D 4WD DX
32	0.0	23028003	Honda Element 4D 4WD LX
222	0.0	23028018	Honda Element 4D 4WD EX
20	0.0	23028051	Honda Element 4D 4WD EX with Side Airbags
27	0.0	23028076	Honda Element 4D 4WD EX-P
26	0.0	23030070	Honda Ridgeline Pickup 4D 4WD RT
29	0.0	23030071	Honda Ridgeline Pickup 4D 4WD RTS
58	0.0	23030072	Honda Ridgeline Pickup 4D 4WD RTL
15	0.0	23030077	Honda Ridgeline Pickup 4D 4WD RTX
24	0.0	23031000	Honda Accord Hybrid 4D
4	0.0	23031068	Honda Accord Hybrid 4D NAVI
2	0.0	23032003	Honda Pilot 4D 2WD LX
1	0.0	23032004	Honda Pilot 4D 2WD SE
3	0.0	23032018	Honda Pilot 4D 2WD EX
7	0.0	23032054	Honda Pilot 4D 2WD EX-L
3	0.0	23032055	Honda Pilot 4D 2WD EX-L with RES
2	0.0	23032056	Honda Pilot 4D 2WD EX-L with NAVI
1	0.0	23032069	Honda Pilot 4D 2WD Touring
5	0.0	23032074	Honda Pilot 4D 2WD VP
57	0.0	23033000	Honda FIT SW
180	0.0	23033079	Honda FIT SW Sport
6	0.0	23033085	Honda FIT SW Sport with NAVI
37	0.0	23034000	Honda Civic SI 2D
29	0.0	23035000	Honda Civic SI 4D
8	0.0	23037003	Honda Insight Hybrid 5D LX
23	0.0	23037018	Honda Insight Hybrid 5D EX
3	0.0	23038018	Honda Accord Crosstour 4D 2WD EX
2	0.0	23038054	Honda Accord Crosstour 4D 2WD EX-L
10	0.0	23039054	Honda Accord Crosstour 4D 4WD EX-L
1	0.0	23040018	Honda CR-Z Hybrid 3D
1	0.0	24002001	Porsche 911 Coupe 2WD/4WD Turbo
7	0.0	24002003	Porsche 911 Coupe 2WD/4WD Carrera 4/Carrera 2
1	0.0	24002009	Porsche 911 Coupe 2WD/4WD GT3
1	0.0	24003000	Porsche 911 Targa 2WD/4WD
1	0.0	24006001	Porsche 924 Coupe Turbo
2	0.0	24006002	Porsche 924 Coupe S
2	0.0	24007000	Porsche 928 Coupe
1	0.0	24007002	Porsche 928 Coupe S
9	0.0	24008000	Porsche 944 Coupe
5	0.0	24008001	Porsche 944 Coupe Turbo
1	0.0	24008002	Porsche 944 Coupe S
3	0.0	24009000	Porsche 911 Targa/Cabriolet
13	0.0	24012003	Porsche 911 Conv 2WD/4WD Carrera 4/Carrera 2
12	0.0	24016000	Porsche Boxter Conv
7	0.0	24016002	Porsche Boxter Conv S
15	0.0	24017000	Porsche Cayenne 4D 4WD
11	0.0	24017001	Porsche Cayenne 4D 4WD Turbo
16	0.0	24017002	Porsche Cayenne 4D 4WD S
1	0.0	24017012	Porsche Cayenne 4D 4WD Transsyberia/GTS
1	0.0	24017014	Porsche Cayenne 4D 4WD Turbo/Turbo S

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
3	0.0	24019003	Porsche 911 Coupe 2WD/4WD Carrera 4 / Carrera 2
1	0.0	24019008	Porsche 911 Coupe 2WD/4WD Turbo / GT2
4	0.0	24019010	Porsche 911 Coupe 2WD/4WD Carrera S / Carrera 4S
1	0.0	24020000	Porsche 911 CONV 2WD/4WD
1	0.0	24020002	Porsche 911 CONV 2WD/4WD S
1	0.0	24020003	Porsche 911 Conv 2WD/4WD Carrera 4 / Carrera 2
3	0.0	24021000	Porsche Cayman Coupe
2	0.0	24022000	Porsche Panamera 4D 2WD/4WD S
1	0.0	24024002	Porsche 911 Targa 4WD S
4	0.0	24026000	Porsche 911 Turbo conv 4WD
1	0.0	25001000	MG MG Midget
6	0.0	25003000	MG MGB
2	0.0	26000000	Subaru Unknown Series Model
1	0.0	26010010	Subaru DL/GL SW 4WD GL-10 Turbo
1	0.0	26015001	Subaru Hatchback 3D 2WD STD
1	0.0	26021013	Subaru Hardtop/XT 2D 4WD XT6
1	0.0	26022003	Subaru DL/GL 2D GL
1	0.0	26025002	Subaru Justy 2D 2WD DL
1	0.0	26025003	Subaru Justy 2D 2WD GL
2	0.0	26028000	Subaru Loyale 4D 2WD
3	0.0	26032000	Subaru Loyale SW 4WD
7	0.0	26033014	Subaru Legacy 4D 2WD L/L+
1	0.0	26033024	Subaru Legacy 4D 2WD LS/LSI
1	0.0	26033029	Subaru Legacy 4D 2WD L
6	0.0	26034014	Subaru Legacy SW 2WD L/L+
2	0.0	26034029	Subaru Legacy SW 2WD L
1	0.0	26035014	Subaru Legacy/Outback 4D 4WD L/L+
2	0.0	26035015	Subaru Legacy/Outback 4D 4WD LS
9	0.0	26035024	Subaru Legacy/Outback 4D 4WD LS/LSI
5	0.0	26035027	Subaru Legacy/Outback 4D 4WD L+
2	0.0	26035028	Subaru Legacy/Outback 4D 4WD Turbo Sport Sedan
69	0.0	26035029	Subaru Legacy/Outback 4D 4WD L
2	0.0	26035030	Subaru Legacy/Outback 4D 4WD LSI
29	0.0	26035037	Subaru Legacy/Outback 4D 4WD GT
6	0.0	26035038	Subaru Legacy/Outback 4D 4WD Sport Utility Sedan
10	0.0	26035041	Subaru Legacy/Outback 4D 4WD GT Limited
22	0.0	26035042	Subaru Legacy/Outback 4D 4WD Outback Limited
11	0.0	26035045	Subaru Legacy/Outback 4D 4WD Outback H6-3.0
5	0.0	26035051	Subaru Legacy/Outback 4D 4WD L Special Edition
34	0.0	26035057	Subaru Legacy/Outback 4D 4WD 2.5I
8	0.0	26035058	Subaru Legacy/Outback 4D 4WD 2.5I Limited
2	0.0	26035059	Subaru Legacy/Outback 4D 4WD 2.5 GT
12	0.0	26035060	Subaru Legacy/Outback 4D 4WD 2.5 GT Limited
8	0.0	26035070	Subaru Legacy/Outback 4D 4WD 2.5I Limited/Special Edition
1	0.0	26035074	Subaru Legacy/Outback 4D 4WD 2.5 GT Special B NAVI
1	0.0	26035086	Subaru Legacy/Outback 4D 4WD 3.0 R Limited NAVI VDC
7	0.0	26035095	Subaru Legacy/Outback 4D 4WD 2.5I Limited VDC
73	0.0	26035096	Subaru Legacy/Outback 4D 4WD 2.5I Special Edition VDC
5	0.0	26035102	Subaru Legacy/Outback 4D 4WD 2.5I VDC
26	0.0	26035105	Subaru Legacy/Outback 4D 4WD 2.5I Premium VDC

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	26035109	Subaru Legacy 4D 4WD 3.6R Premium VDC
1	0.0	26035111	Subaru Legacy 2.5GT Premium VDC
7	0.0	26036014	Subaru Legacy/Outback SW 4WD L/L+
1	0.0	26036015	Subaru Legacy/Outback SW 4WD LS
1	0.0	26036016	Subaru Legacy/Outback SW 4WD LS Special
10	0.0	26036024	Subaru Legacy/Outback SW 4WD LS/LSI
64	0.0	26036029	Subaru Legacy/Outback SW 4WD L
27	0.0	26036032	Subaru Legacy/Outback SW 4WD Brighton
2	0.0	26036033	Subaru Legacy/Outback SW 4WD Postal
20	0.0	26036035	Subaru Legacy/Outback SW 4WD L/Outback
266	0.1	26036036	Subaru Legacy/Outback SW 4WD Outback
12	0.0	26036037	Subaru Legacy/Outback SW 4WD GT
47	0.0	26036042	Subaru Legacy/Outback SW 4WD Outback Limited
28	0.0	26036044	Subaru Legacy/Outback SW 4WD Outback H6-LL Bean
13	0.0	26036045	Subaru Legacy/Outback SW 4WD Outback H6-3.0
3	0.0	26036051	Subaru Legacy/Outback SW 4WD L Special Edition
4	0.0	26036052	Subaru Legacy/Outback SW 4WD Outback Audio Special
152	0.0	26036053	Subaru Legacy/Outback SW 4WD Outback AWD
1	0.0	26036054	Subaru Legacy/Outback SW 4WD Outback H6-3.0 Special Edition
6	0.0	26036057	Subaru Legacy/Outback SW 4WD 2.5I
1	0.0	26036058	Subaru Legacy/Outback SW 4WD 2.5I Limited
2	0.0	26036059	Subaru Legacy/Outback SW 4WD 2.5 GT
2	0.0	26036060	Subaru Legacy/Outback SW 4WD 2.5 GT Limited
5	0.0	26036070	Subaru Legacy/Outback SW 4WD 2.5I Limited / Special Edition
4	0.0	26038026	Subaru SVX 2D 4WD LS-L
2	0.0	26038030	Subaru SVX 2D 4WD LSI
1	0.0	26039031	Subaru SVX 2D 2WD LE
2	0.0	26040000	Subaru Impreza 4D 2WD
10	0.0	26040027	Subaru Impreza 4D 2WD L+
1	0.0	26040029	Subaru Impreza 4D 2WD L
1	0.0	26041015	Subaru Impreza 4D 4WD LS
40	0.0	26041017	Subaru Impreza 4D 4WD RS
17	0.0	26041029	Subaru Impreza 4D 4WD L
1	0.0	26041034	Subaru Impreza 4D 4WD LX
28	0.0	26041057	Subaru Impreza 4D 4WD 2.5I
47	0.0	26041094	Subaru Impreza 4D 4WD 2.5I/VDC Premium Package/NAVI
38	0.0	26041102	Subaru Impreza 4D 4WD 2.5I VDC
2	0.0	26042027	Subaru Impreza SW 2WD L+
1	0.0	26042029	Subaru Impreza SW 2WD L
5	0.0	26043017	Subaru Impreza SW 4WD RS
4	0.0	26043027	Subaru Impreza SW 4WD L+
12	0.0	26043029	Subaru Impreza SW 4WD L
3	0.0	26043034	Subaru Impreza SW 4WD LX
1	0.0	26043035	Subaru Impreza SW 4WD L/Outback
23	0.0	26043036	Subaru Impreza SW 4WD Outback
40	0.0	26043040	Subaru Impreza SW 4WD Outback Sport
8	0.0	26043046	Subaru Impreza SW 4WD TS
18	0.0	26043057	Subaru Impreza SW 4WD 2.5I
2	0.0	26043075	Subaru Impreza SW 4WD Outback Sport Special Edition
23	0.0	26043093	Subaru Impreza SW 4WD Outback Sport VDC

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## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
29	0.0	26043094	Subaru Impreza SW 4WD 2.5I/VDC Premium Package/NAVI
3	0.0	26043102	Subaru Impreza SW 4WD 2.5I VDC
2	0.0	26044029	Subaru Impreza 2D 2WD L
7	0.0	26045017	Subaru Impreza 2D 4WD RS
5	0.0	26045029	Subaru Impreza 2D 4WD L
3	0.0	26045032	Subaru Impreza 2D 4WD Brighton
1	0.0	26045034	Subaru Impreza 2D 4WD LX
138	0.0	26046029	Subaru Forester 4D 4WD L
81	0.0	26046039	Subaru Forester 4D 4WD S
146	0.0	26046048	Subaru Forester 4D 4WD 2.5 X
70	0.0	26046049	Subaru Forester 4D 4WD 2.5 XS
14	0.0	26046050	Subaru Forester 4D 4WD 2.5 XT Turbo
3	0.0	26046056	Subaru Forester 4D 4WD 2.5 XS LL Bean
6	0.0	26046065	Subaru Forester 4D 4WD 2.5 XT Limited
11	0.0	26046068	Subaru Forester 4D 4WD 2.5 X LL Bean
33	0.0	26046069	Subaru Forester 4D 4WD 2.5 X Premium Package
10	0.0	26046085	Subaru Forester 4D 4WD 2.5 X / 2.5 XT Sports
5	0.0	26046089	Subaru Forester 4D 4WD 2.5XT LTD/NAVI VDC
43	0.0	26046097	Subaru Forester 4D 4WD 2.5X VDC
34	0.0	26046098	Subaru Forester 4D 4WD 2.5X Limited VDC
75	0.0	26046099	Subaru Forester 4D 4WD 2.5X VDC/Premium Package
2	0.0	26046100	Subaru Forester 4D 4WD 2.5XT Limited VDC
2	0.0	26046101	Subaru Forester 4D 4WD 2.5XT VDC
10	0.0	26046113	Subaru Forester 4D 4WD 2.5X-S
10	0.0	26047000	Subaru Baja 4D 4WD
5	0.0	26047019	Subaru Baja 4D 4WD Turbo
7	0.0	26047055	Subaru Baja 4D 4WD Sport
48	0.0	26048000	Subaru Impreza WRX 4D 4WD
25	0.0	26048047	Subaru Impreza WRX 4D 4WD STI
1	0.0	26048073	Subaru Impreza WRX 4D 4WD Base / Limited
1	0.0	26048076	Subaru Impreza WRX 4D 4WD TR
6	0.0	26048078	Subaru Impreza WRX 4D 4WD Base / TR / Limited
2	0.0	26048091	Subaru Impreza WRX 4D 4WD VDC
5	0.0	26048092	Subaru Impreza WRX 4D 4WD VDC Premium Package/NAVI
30	0.0	26049000	Subaru Impreza WRX SW 4WD
4	0.0	26049047	Subaru Impreza WRX SW 4WD STI
3	0.0	26049073	Subaru Impreza WRX SW 4WD Base / Limited
5	0.0	26049091	Subaru Impreza WRX SW 4WD VDC
1	0.0	26049092	Subaru Impreza WRX SW 4WD VDC Premium Package/NAVI
2	0.0	26050058	Subaru Outback 4D 4WD 2.5I Limited
1	0.0	26050062	Subaru Outback 4D 4WD 3.0 R
1	0.0	26050071	Subaru Outback 4D 4WD 3.0 R LL Bean
10	0.0	26051000	Subaru Outback SW 4WD
99	0.0	26051057	Subaru Outback SW 4WD 2.5I
27	0.0	26051058	Subaru Outback SW 4WD 2.5I Limited
2	0.0	26051061	Subaru Outback SW 4WD 2.5 XT
5	0.0	26051063	Subaru Outback SW 4WD H6-3.0 R LL Bean
10	0.0	26051065	Subaru Outback SW 4WD 2.5 XT Limited
4	0.0	26051071	Subaru Outback SW 4WD 3.0 R LL BEAN
46	0.0	26051087	Subaru Outback SW 4WD 2.5I / LL Bean NAVI
15	0.0	26051088	Subaru Outback SW 4WD 2.5 I Limited / LL Bean NAVI
1	0.0	26051089	Subaru Outback SW 4WD 2.5 XT Limited / NAVI VDC



Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	26051090	Subaru Outback SW 4WD 3.0 R LL Bean / NAVI VDC
27	0.0	26051095	Subaru Outback SW 4WD 2.5I Limited VDC
21	0.0	26051096	Subaru Outback SW 4WD 2.5I Special Edition VDC
16	0.0	26051102	Subaru Outback SW 4WD 2.5I VDC
48	0.0	26051105	Subaru Outback SW 4WD 2.5I Premium VDC
5	0.0	26051108	Subaru Outback SW 4WD 3.6R Limited VDC
2	0.0	26051109	Subaru Outback SW 4WD 3.6R Premium VDC
15	0.0	26052066	Subaru B9 Tribeca 4D 4WD 3.0 H6 5-pass
22	0.0	26052067	Subaru B9 Tribeca 4D 4WD 3.0 H6 7-pass
1	0.0	26052079	Subaru B9 Tribeca 4D 4WD 3.6 H6 5-pass
14	0.0	26052080	Subaru B9 Tribeca 4D 4WD 3.6 H6 Limited 5-pass
3	0.0	26052081	Subaru B9 Tribeca 4D 4WD 3.6 H6 Limited 5-pass NAVI
4	0.0	26052083	Subaru B9 Tribeca 4D 4WD 3.6 H6 Limited 7-pass
5	0.0	26052084	Subaru B9 Tribeca 4D 4WD 3.6 H6 Limited 7-pass NAVI
2	0.0	27005000	Chry/Plym/Mits Colt 2D
6	0.0	27005013	Chry/Plym/Mits Colt 2D GL
1	0.0	27006000	Chry/Plym/Mits Colt 4D
1	0.0	27006007	Chry/Plym/Mits Colt 4D DL
3	0.0	27007000	Chry/Plym/Mits Colt Vista SW 2WD
1	0.0	27007014	Chry/Plym/Mits Colt Vista SW 2WD SE
2	0.0	27008012	Chry/Plym/Mits Conquest 2D TSI
2	0.0	28000000	GMCA/Passport Unknown Series Model
131	0.0	29000000	Chevrolet/Geo Truck Unknown Series Model
8	0.0	29001005	Chevrolet/Geo 10/1500 Chassis C 1/2T 4x2/4x4 incomplete
1052	0.2	29002000	Chevrolet/Geo 10/1500 PU 1/2T 4x2/4x4
8	0.0	29002001	Chevrolet/Geo 10/1500 PU 1/2T 4x2/4x4 4-Wheel Drive
215	0.0	29003000	Chevrolet/Geo Suburban 1/2T 4D 4x2/4x4
1	0.0	29003005	Chevrolet/Geo Suburban 1/2T 4D 4x2/4x4 Incomplete
1	0.0	29003014	Chevrolet/Geo Suburban 1/2T 4D 4x2/4x4 LS
5	0.0	29004001	Chevrolet/Geo Blazer 1/2T 2D 4x2/4x4 4-Wheel Drive
7	0.0	29005005	Chevrolet/Geo 20/2500 Chassis C 3/4T 4x2/4x4 incomplete
187	0.0	29006000	Chevrolet/Geo 20/2500 PU 3/4T 4x2/4x4
2	0.0	29006001	Chevrolet/Geo 20/2500 PU 3/4T 4x2/4x4 4-Wheel Drive
40	0.0	29007000	Chevrolet/Geo Suburban 3/4T 4D 4x2/4x4
10	0.0	29008005	Chevrolet/Geo 30 CC 1T 4x2/4x4 incomplete
4	0.0	29009000	Chevrolet/Geo 30 Pickup 1T 4x2/4x4
237	0.0	29010000	Chevrolet/Geo Chevan/EXP CG 1500 4x2
328	0.1	29010005	Chevrolet/Geo Chevan/EXP CG 1500 4x2 Incomplete
3	0.0	29011000	Chevrolet/Geo Sportvan 1/2T
569	0.1	29012000	Chevrolet/Geo Chevan/EXP CG 2500 4x2
308	0.1	29012005	Chevrolet/Geo Chevan/EXP CG 2500 4x2 Incomplete
36	0.0	29013000	Chevrolet/Geo Sportvan 3/4T
1	0.0	29014005	Chevrolet/Geo Cutaway Van 1T Incomplete
24	0.0	29015000	Chevrolet/Geo Chevyvan 1T
1	0.0	29015005	Chevrolet/Geo Chevyvan 1T Incomplete
1	0.0	29016000	Chevrolet/Geo Sportvan 1T
6	0.0	29016008	Chevrolet/Geo Sportvan 1T Bus
1506	0.3	29018001	Chevrolet/Geo Suburban 1/2T 4D 4x4 4-Wheel Drive
12	0.0	29018005	Chevrolet/Geo Suburban 1/2T 4D 4x4 Incomplete
53	0.0	29018012	Chevrolet/Geo Suburban 1/2T 4D 4x4 LT

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3	0.0	29018014	Chevrolet/Geo Suburban 1/2T 4D 4x4 LS
41	0.0	29018018	Chevrolet/Geo Suburban 1/2T 4D 4x4 LTZ
164	0.0	29019001	Chevrolet/Geo Blazer 1/2T 4x4 4-Wheel Drive
84	0.0	29020001	Chevrolet/Geo Suburban 3/4T 4D 4x4 4-Wheel Drive
1	0.0	29020005	Chevrolet/Geo Suburban 3/4T 4D 4x4 Incomplete
1	0.0	29020012	Chevrolet/Geo Suburban 3/4T 4D 4x4 LT
1	0.0	29020014	Chevrolet/Geo Suburban 3/4T 4D 4x4 LS
18	0.0	29021021	Chevrolet/Geo 10/1500 CC 1/2T 4x4 4WD incomplete
730	0.2	29022001	Chevrolet/Geo 10/1500 PU 1/2T 4x4 4-Wheel Drive
8	0.0	29023021	Chevrolet/Geo 20/2500 CC 3/4T 4x4 4WD incomplete
243	0.1	29024001	Chevrolet/Geo 20/2500 PU 3/4T 4x4 4-Wheel Drive
3	0.0	29025021	Chevrolet/Geo 30 Chassis C 1T 4x4
1	0.0	29027001	Chevrolet/Geo LUV Pickup 4x4 4-Wheel Drive
18	0.0	29030000	Chevrolet/Geo El Camino 2D
649	0.1	29032001	Chevrolet/Geo Tahoe 4D 4x4 4-Wheel Drive
22	0.0	29032010	Chevrolet/Geo Tahoe 4D 4x4 Z71
44	0.0	29033000	Chevrolet/Geo Tahoe 4D 4x2
3	0.0	29033009	Chevrolet/Geo Tahoe 4D 4x2 Limited
3	0.0	29034000	Chevrolet/Geo Tahoe 2D 4x2
38	0.0	29035000	Chevrolet/Geo Tracker 4D 4x2
5	0.0	29035012	Chevrolet/Geo Tracker 4D 4x2 LT
247	0.1	29036000	Chevrolet/Geo Tracker 4D 4x4
87	0.0	29036011	Chevrolet/Geo Tracker 4D 4x4 ZR2 Sport
93	0.0	29036012	Chevrolet/Geo Tracker 4D 4x4 LT
48	0.0	29037000	Chevrolet/Geo Express Van 1500 4x2
7	0.0	29038000	Chevrolet/Geo Express Van 2500 4x2
15	0.0	29038008	Chevrolet/Geo Express Van 2500 4x2 Bus
1	0.0	29038025	Chevrolet/Geo Express Van 2500 4x2 incomplete
1	0.0	29039000	Chevrolet/Geo Express Van 3500 4x2
25	0.0	29039008	Chevrolet/Geo Express Van 3500 4x2 Bus
1471	0.3	29041000	Chevrolet/Geo S10 Pickup 4x2
136	0.0	29042001	Chevrolet/Geo T10 Pickup 4x4 4-Wheel Drive
413	0.1	29043000	Chevrolet/Geo S10 Blazer 2D 4x2
797	0.2	29044001	Chevrolet/Geo T10 Blazer 2D 4x4 4-Wheel Drive
1	0.0	29044006	Chevrolet/Geo T10 Blazer 2D 4x4 Truck
10	0.0	29045005	Chevrolet/Geo S10 Chassis Cab 4x2 incomplete
59	0.0	29046007	Chevrolet/Geo Astro Van 4x2 MPV
19	0.0	29047005	Chevrolet/Geo Astro Cargo Van 4x2 Incomplete
19	0.0	29047006	Chevrolet/Geo Astro Cargo Van 4x2 Truck
958	0.2	29048000	Chevrolet/Geo S10 PU Ext Cab 4x2
538	0.1	29049001	Chevrolet/Geo T10 PU Ext Cab 4x4 4-Wheel Drive
2	0.0	29050022	Chevrolet/Geo 30/3500 Crew CC 1T 4x2 Bonus/Crew Cab
32	0.0	29051002	Chevrolet/Geo 30/3500 CR PU 1T 4x2 Bonus/Crew Cab
34	0.0	29053003	Chevrolet/Geo 30/3500 CR C PU 1T 4x4 Bonus/Crew Cab 4WD
2	0.0	29055002	Chevrolet/Geo Crew Cab PU 3/4T 4x2 Bonus/Crew Cab
13	0.0	29056005	Chevrolet/Geo Cutaway/RV Cut Van 1T incomplete
520	0.1	29057000	Chevrolet/Geo 1500 PU Ext C 1/2T 4x2
1297	0.3	29058001	Chevrolet/Geo 1500 PU Ext C 1/2T 4x4 4-Wheel Drive
104	0.0	29059000	Chevrolet/Geo 2500 PU Ext C 3/4T 4x2
150	0.0	29060001	Chevrolet/Geo 2500 PU Ext C 3/4T 4x4 4-Wheel Drive
15	0.0	29061000	Chevrolet/Geo 3500 PU Ext C 1T 4x2

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2010	Prcnt	Code	Value and Description
11	0.0	29062001	Chevrolet/Geo 3500 PU Ext C 1T 4x4 4-Wheel Drive
1	0.0	29063005	Chevrolet/Geo 3500 CC Ext C 1T 4x2 incomplete
1	0.0	29064021	Chevrolet/Geo 3500 CC Ext C 1T 4x4 4WD incomplete
60	0.0	29065005	Chevrolet/Geo 3500 CC 1T 4x2 (C Body) incomplete
17	0.0	29066021	Chevrolet/Geo 3500 CC 1T 4x4 (K Body) 4WD incomplete
19	0.0	29067000	Chevrolet/Geo 3500 PU 1T 4x2 (C Body)
33	0.0	29068001	Chevrolet/Geo 3500 PU 1T 4x4 (K Body) 4-Wheel Drive
123	0.0	29069000	Chevrolet/Geo Geo Tracker 2D 4x4
5	0.0	29069011	Chevrolet/Geo Geo Tracker 2D 4x4 ZR2 Sport
172	0.0	29070007	Chevrolet/Geo Lumina APV/Van MPV
3	0.0	29071006	Chevrolet/Geo Lumina APV Cargo Van Truck
1	0.0	29072007	Chevrolet/Geo Astro Van 4x4 MPV
482	0.1	29074007	Chevrolet/Geo Astro Ext Van 4x2 MPV
189	0.0	29075005	Chevrolet/Geo Astro Ext Cargo Van 4x2 Incomplete
156	0.0	29075006	Chevrolet/Geo Astro Ext Cargo Van 4x2 Truck
341	0.1	29076007	Chevrolet/Geo Astro Ext Van 4x4 MPV
40	0.0	29077005	Chevrolet/Geo Astro Ext Cargo Van 4x4 Incomplete
23	0.0	29077006	Chevrolet/Geo Astro Ext Cargo Van 4x4 Truck
3	0.0	29078008	Chevrolet/Geo Sportvan 1T Ext Bus
5	0.0	29079000	Chevrolet/Geo Chevyvan 1T Ext
2909	0.6	29080001	Chevrolet/Geo T10 Blazer 4D 4x4 4-Wheel Drive
207	0.0	29081000	Chevrolet/Geo S10 Blazer 4D 4x2
1	0.0	29081006	Chevrolet/Geo S10 Blazer 4D 4x2 Truck
37	0.0	29082000	Chevrolet/Geo Geo Tracker 2D 4x2
15	0.0	29083005	Chevrolet/Geo 1500 CC Ext C 1/2T 4x2 incomplete
53	0.0	29084021	Chevrolet/Geo 1500 CC Ext C 1/2T 4x4 4WD incomplete
2	0.0	29086021	Chevrolet/Geo 2500 CC Ext C 3/4T 4x4 4WD incomplete
14	0.0	29087005	Chevrolet/Geo P30 RV Chassis incomplete
118	0.0	29088008	Chevrolet/Geo Express Van 3500 Ext 4x2 Bus
1	0.0	29088024	Chevrolet/Geo Express Van 3500 Ext 4x2 incomplete
172	0.0	29089000	Chevrolet/Geo Chevan/Exp CG 3500 4x2
108	0.0	29090000	Chevrolet/Geo Chevan/Exp CG 3500 Ext 4x2
12	0.0	29090005	Chevrolet/Geo Chevan/Exp CG 3500 Ext 4x2 Incomplete
219	0.0	29091005	Chevrolet/Geo Cut/RV Cut V 3500 (New) incomplete
11	0.0	29092008	Chevrolet/Geo Express Van 2500 Ext 4x2 Bus
101	0.0	29093000	Chevrolet/Geo Chevan/Exp CG 2500 Ext 4x2
1	0.0	29093005	Chevrolet/Geo Chevan/Exp CG 2500 Ext 4x2 Incomplete
568	0.1	29094007	Chevrolet/Geo Venture Van SWB 2WD MPV
1964	0.4	29095007	Chevrolet/Geo Venture Van LWB 2WD MPV
7	0.0	29096005	Chevrolet/Geo Venture Cargo Van 2WD Incomplete
708	0.1	29097000	Chevrolet/Geo Silverado 1500 PU 4x2
684	0.1	29098000	Chevrolet/Geo Silverado 1500 PU E C 4x2
553	0.1	29099000	Chevrolet/Geo Silverado 1500 PU 4x4
2817	0.6	29100000	Chevrolet/Geo Silverado 1500 PU E C 4x4
79	0.0	29105000	Chevrolet/Geo Silverado 2500 PU 4x2
78	0.0	29106000	Chevrolet/Geo Silverado 2500 PU E C 4x2
259	0.1	29107000	Chevrolet/Geo Silverado 2500 PU 4x4
878	0.2	29108000	Chevrolet/Geo Silverado 2500 PU E C 4x4
18	0.0	29109005	Chevrolet/Geo Silverado 2500 CC 4x2 incomplete
6	0.0	29111005	Chevrolet/Geo Silverado 2500 CC 4x4 incomplete
1	0.0	29112005	Chevrolet/Geo Silverado 2500 CC E C 4x4 incomplete

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## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
27	0.0	29113003	Chevrolet/Geo Crew Cab PU 3/4T 4x4 Bonus/Crew Cab 4WD
133	0.0	29114000	Chevrolet/Geo Tahoe 4D 4x2
4	0.0	29114012	Chevrolet/Geo Tahoe 4D 4x2 LT
12	0.0	29114014	Chevrolet/Geo Tahoe 4D 4x2 LS
38	0.0	29114015	Chevrolet/Geo Tahoe 4D 4x2 Police
1330	0.3	29115000	Chevrolet/Geo Tahoe 4D 4x4
81	0.0	29115012	Chevrolet/Geo Tahoe 4D 4x4 LT
11	0.0	29115014	Chevrolet/Geo Tahoe 4D 4x4 LS
9	0.0	29115015	Chevrolet/Geo Tahoe 4D 4x4 Police
48	0.0	29115018	Chevrolet/Geo Tahoe 4D 4x4 LTZ
13	0.0	29116000	Chevrolet/Geo Silverado 2500 CR PU 4x2
640	0.1	29117000	Chevrolet/Geo Silverado 2500 CR PU 4x4
5	0.0	29119000	Chevrolet/Geo Silverado 3500 PU E C 4x2
13	0.0	29120000	Chevrolet/Geo Silverado 3500 PU 4x4
34	0.0	29121000	Chevrolet/Geo Silverado 3500 PU E C 4x4
37	0.0	29122005	Chevrolet/Geo Silverado 3500 CC 4x2 incomplete
2	0.0	29123005	Chevrolet/Geo Silverado 3500 CC E C 4x2 incomplete
25	0.0	29124005	Chevrolet/Geo Silverado 3500 CC 4x4 incomplete
4	0.0	29125005	Chevrolet/Geo Silverado 3500 CC E C 4x4 incomplete
6	0.0	29128000	Chevrolet/Geo Silverado 3500 CR PU 4x2
59	0.0	29129000	Chevrolet/Geo Silverado 3500 CR PU 4x4
223	0.0	29131000	Chevrolet/Geo T10 Crew Cab PU 4x4
802	0.2	29132000	Chevrolet/Geo Trailblazer 4D 4x2
17	0.0	29132012	Chevrolet/Geo Trailblazer 4D 4x2 LT
3690	0.8	29133000	Chevrolet/Geo Trailblazer 4D 4x4
47	0.0	29133012	Chevrolet/Geo Trailblazer 4D 4x4 LT
4	0.0	29133017	Chevrolet/Geo Trailblazer 4D 4x4 SS
54	0.0	29134000	Chevrolet/Geo Silverado 1500 CR PU 4x2
449	0.1	29135000	Chevrolet/Geo Silverado 1500 CR PU 4x4
84	0.0	29140000	Chevrolet/Geo Avalanche 1500 4D 4x2
1	0.0	29140012	Chevrolet/Geo Avalanche 1500 4D 4x2 LT
4	0.0	29140014	Chevrolet/Geo Avalanche 1500 4D 4x2 LS
1	0.0	29140018	Chevrolet/Geo Avalanche 1500 4D 4x2 LTZ
836	0.2	29141000	Chevrolet/Geo Avalanche 1500 4D 4x4
18	0.0	29141012	Chevrolet/Geo Avalanche 1500 4D 4x4 LT
7	0.0	29141014	Chevrolet/Geo Avalanche 1500 4D 4x4 LS
29	0.0	29141018	Chevrolet/Geo Avalanche 1500 4D 4x4 LTZ
38	0.0	29142007	Chevrolet/Geo Venture Van LWB 4WD MPV
11	0.0	29144000	Chevrolet/Geo Avalanche 2500 4D 4x4
127	0.0	29145000	Chevrolet/Geo Trailblazer Ext 4D 4x2
837	0.2	29146000	Chevrolet/Geo Trailblazer Ext 4D 4x4
8	0.0	29147000	Chevrolet/Geo SSR Pickup 4x2
11	0.0	29148000	Chevrolet/Geo Express Van 1500 4x4
1	0.0	29149000	Chevrolet/Geo Tahoe Hybrid 4D 4x2
13	0.0	29150000	Chevrolet/Geo Tahoe Hybrid 4D 4x4
22	0.0	29151000	Chevrolet/Geo Express Cargo Van 1500 4x4
16	0.0	29151005	Chevrolet/Geo Express Cargo Van 1500 4x4 Incomplete
5	0.0	29152000	Chevrolet/Geo Express Cargo Van 2500 4x4
2	0.0	29153000	Chevrolet/Geo Silverado 1500 HYB CR 4x2
171	0.0	29154000	Chevrolet/Geo Colorado PU 4x2
2	0.0	29154012	Chevrolet/Geo Colorado PU 4x2 LT

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	29155005	Chevrolet/Geo Colorado CC 4x2 incomplete
4	0.0	29156000	Chevrolet/Geo Silverado 1500 Hybrid CR 4x4
120	0.0	29157000	Chevrolet/Geo Colorado PU E C 4x2
3	0.0	29157012	Chevrolet/Geo Colorado PU E C 4x2 incomplete
305	0.1	29158012	Chevrolet/Geo Traverse 4D 2WD LT
147	0.0	29158014	Chevrolet/Geo Traverse 4D 2WD LS
15	0.0	29158018	Chevrolet/Geo Traverse 4D 2WD LTZ
174	0.0	29159012	Chevrolet/Geo Traverse 4D 4WD LT
27	0.0	29159014	Chevrolet/Geo Traverse 4D 4WD LS
46	0.0	29159018	Chevrolet/Geo Traverse 4D 4WD LTZ
126	0.0	29160000	Chevrolet/Geo Colorado CR PU 4x2
4	0.0	29160012	Chevrolet/Geo Colorado CR PU 4x2 LT
1	0.0	29161005	Chevrolet/Geo CUT/RV CUT V 4500 incomplete
86	0.0	29162012	Chevrolet/Geo Equinox 4D 2WD/4WD LT
75	0.0	29162014	Chevrolet/Geo Equinox 4D 2WD/4WD LS
5	0.0	29162018	Chevrolet/Geo Equinox 4D 2WD/4WD LTZ
5	0.0	29162019	Chevrolet/Geo Equinox 4D 2WD/4WD Sport
401	0.1	29163012	Chevrolet/Geo Equinox 4D 2WD LT
329	0.1	29163014	Chevrolet/Geo Equinox 4D 2WD LS
37	0.0	29163018	Chevrolet/Geo Equinox 4D 2WD LTZ
501	0.1	29164012	Chevrolet/Geo Equinox 4D 4WD LT
251	0.1	29164014	Chevrolet/Geo Equinox 4D 4WD LS
44	0.0	29164018	Chevrolet/Geo Equinox 4D 4WD LTZ
4	0.0	29164019	Chevrolet/Geo Equinox 4D 4WD Sport
35	0.0	29165000	Chevrolet/Geo Colorado PU 4x4
147	0.0	29166000	Chevrolet/Geo Colorado PU E C 4x4
2	0.0	29166012	Chevrolet/Geo Colorado PU E C 4x4 LT
286	0.1	29167000	Chevrolet/Geo Colorado CR PU 4x4
21	0.0	29167012	Chevrolet/Geo Colorado CR PU 4x4 LT
3	0.0	29168000	Chevrolet/Geo Military Truck 4x4
10	0.0	29169012	Chevrolet/Geo HHR Panel Van LT
51	0.0	29169014	Chevrolet/Geo HHR Panel Van LS
37	0.0	29170000	Chevrolet/Geo Uplander Van LWB 2WD
211	0.0	29170012	Chevrolet/Geo Uplander Van LWB 2WD LT
420	0.1	29170014	Chevrolet/Geo Uplander Van LWB 2WD LS
14	0.0	29171012	Chevrolet/Geo Uplander Van LWB 4WD LT
2	0.0	29172000	Chevrolet/Geo Uplander Van SWB 2WD
3	0.0	29172012	Chevrolet/Geo Uplander Van SWB 2WD LT
68	0.0	29172014	Chevrolet/Geo Uplander Van SWB 2WD LS
4	0.0	29174000	Chevrolet/Geo Uplander CG Van LWB 2WD
38	0.0	29174005	Chevrolet/Geo Uplander CG Van LWB 2WD Incomplete
973	0.2	29176012	Chevrolet/Geo HHR SW 2WD LT
534	0.1	29176014	Chevrolet/Geo HHR SW 2WD LS
23	0.0	29176017	Chevrolet/Geo HHR SW 2WD SS
44	0.0	29177005	Chevrolet/Geo Medium Duty 4500 Series incomplete
53	0.0	29178005	Chevrolet/Geo Medium Duty 5500 Series incomplete
55	0.0	29179005	Chevrolet/Geo Medium Duty 6500 Series incomplete
52	0.0	29180005	Chevrolet/Geo Medium Duty 7500 Series incomplete
3	0.0	29181005	Chevrolet/Geo Medium Duty 8500 Series incomplete
190	0.0	29182000	Chevrolet/Geo Silverado 1500 4x2
276	0.1	29183000	Chevrolet/Geo Silverado 1500 Extended Cab 4x2
7	0.0	29183012	Chevrolet/Geo Silverado 1500 Extended Cab 4x2 LT

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	29183014	Chevrolet/Geo Silverado 1500 Extended Cab 4x2 LS
100	0.0	29184000	Chevrolet/Geo Silverado 1500 4x4
1	0.0	29184012	Chevrolet/Geo Silverado 1500 4x4 LT
863	0.2	29185000	Chevrolet/Geo Silverado 1500 Extended Cab 4x4
105	0.0	29185012	Chevrolet/Geo Silverado 1500 Extended Cab 4x4 LT
5	0.0	29185014	Chevrolet/Geo Silverado 1500 Extended Cab 4x4 LS
7	0.0	29185018	Chevrolet/Geo Silverado 1500 Extended Cab 4x4 LTZ
14	0.0	29190000	Chevrolet/Geo Silverado 2500 4x2
7	0.0	29191000	Chevrolet/Geo Silverado 2500 Extended Cab 4x2
1	0.0	29191012	Chevrolet/Geo Silverado 2500 Extended Cab 4x2 LT
64	0.0	29192000	Chevrolet/Geo Silverado 2500 4x4
1	0.0	29192012	Chevrolet/Geo Silverado 2500 4x4 LT
108	0.0	29193000	Chevrolet/Geo Silverado 2500 Extended Cab 4x4
10	0.0	29193012	Chevrolet/Geo Silverado 2500 Extended Cab 4x4 LT
2	0.0	29193018	Chevrolet/Geo Silverado 2500 Extended Cab 4x4 LTZ
5	0.0	29194005	Chevrolet/Geo Silverado 2500 Chassis Cab 4x2 incomplete
2	0.0	29196005	Chevrolet/Geo Silverado 2500 Chassis Cab 4x4 incomplete
2	0.0	29197005	Chevrolet/Geo Silverado 2500 Chassis Cab Extended Cab 4x4 incomplete
3	0.0	29198000	Chevrolet/Geo Silverado 2500 Crew 4x2
138	0.0	29199000	Chevrolet/Geo Silverado 2500 Crew 4x4
19	0.0	29199012	Chevrolet/Geo Silverado 2500 Crew 4x4 LT
6	0.0	29199018	Chevrolet/Geo Silverado 2500 Crew 4x4 LTZ
7	0.0	29202000	Chevrolet/Geo Silverado 3500 4x4
6	0.0	29203000	Chevrolet/Geo Silverado 3500 Extended Cab 4x4
2	0.0	29203012	Chevrolet/Geo Silverado 3500 Extended Cab 4x4 LT
10	0.0	29204005	Chevrolet/Geo Silverado 3500 Chassis Cab 4x2 incomplete
1	0.0	29205005	Chevrolet/Geo Silverado 3500 Chassis Cab Extended Cab 4x2 incomplete
8	0.0	29206005	Chevrolet/Geo Silverado 3500 Chassis Cab 4x4 incomplete
5	0.0	29207005	Chevrolet/Geo Silverado 3500 Chassis Cab Extended Cab 4x4 incomplete
1	0.0	29208005	Chevrolet/Geo Silverado 3500 Crew Chassis Cab 4x2 incomplete
2	0.0	29209005	Chevrolet/Geo Silverado 3500 Crew Chassis Cab 4x4 incomplete
1	0.0	29210000	Chevrolet/Geo Silverado 3500 Crew 4x2
19	0.0	29211000	Chevrolet/Geo Silverado 3500 Crew 4x4
1	0.0	29211012	Chevrolet/Geo Silverado 3500 Crew 4x4 LT
1	0.0	29211018	Chevrolet/Geo Silverado 3500 Crew 4x4 LTZ
53	0.0	29212000	Chevrolet/Geo Silverado 1500 Crew 4x2
6	0.0	29212012	Chevrolet/Geo Silverado 1500 Crew 4x2 LT
355	0.1	29213000	Chevrolet/Geo Silverado 1500 Crew 4x4
84	0.0	29213012	Chevrolet/Geo Silverado 1500 Crew 4x4 LT
2	0.0	29213014	Chevrolet/Geo Silverado 1500 Crew 4x4 LS
10	0.0	29213018	Chevrolet/Geo Silverado 1500 Crew 4x4 LTZ
1	0.0	29216005	Chevrolet/Geo Silverado 2500 Crew Chassis Cab 4x2 incomplete

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
2	0.0	29217005	Chevrolet/Geo Silverado 2500 Crew Chassis Cab 4x4 incomplete
37	0.0	30000000	GMC Unknown Series Model
4	0.0	30001006	GMC 1500 Chassis C 1/2T 4x2/4x4 4-Wheel Drive incomplete
408	0.1	30002000	GMC 1500 Pickup 1/2T 4x2/4x4
1	0.0	30002001	GMC 1500 Pickup 1/2T 4x2/4x4 4-Wheel Drive
75	0.0	30003000	GMC Suburban 1/2T 4D 4x2/4x4
3	0.0	30003006	GMC Suburban 1/2T 4D 4x2/4x4 Incomplete
1	0.0	30004001	GMC Jimmy 1/2T 2D 4x2/4x4 4-Wheel Drive
5	0.0	30005006	GMC 2500 Chassis C 3/4T 4x2/4x4 4-Wheel Drive incomplete
71	0.0	30006000	GMC 2500 Pickup 3/4T 4x2/4x4
3	0.0	30006001	GMC 2500 Pickup 3/4T 4x2/4x4 4-Wheel Drive
13	0.0	30007000	GMC Suburban 3/4T 4D 4x2/4x4
2	0.0	30008006	GMC 3500 Chassis Cab 1T 4x2/4x4 incomplete
1	0.0	30009000	GMC 3500 Pickup 1T 4x2/4x4
3	0.0	30010000	GMC Vandura 1/2T 4x2
2	0.0	30011000	GMC Rally Van 1/2T
25	0.0	30012000	GMC Vandura 3/4T
94	0.0	30012006	GMC Vandura 3/4T Incomplete
18	0.0	30013000	GMC Rally Van 3/4T
2	0.0	30014006	GMC Cutaway Van 1T Incomplete
18	0.0	30015000	GMC Vandura 1T
2	0.0	30015006	GMC Vandura 1T Incomplete
1	0.0	30016000	GMC Rally Van 1T
1	0.0	30020000	GMC Caballero 2D
330	0.1	30021001	GMC Suburban 1/2T 4D 4x4 4-Wheel Drive
17	0.0	30021006	GMC Suburban 1/2T 4D 4x4 Incomplete
18	0.0	30022001	GMC Jimmy 1/2T 2D 4x4 4-Wheel Drive
37	0.0	30023001	GMC Suburban 3/4T 4D 4x4 4-Wheel Drive
1	0.0	30023006	GMC Suburban 3/4T 4D 4x4 Incomplete
7	0.0	30025016	GMC 1500 Chass 1/2T 4x4 4WD incomplete
290	0.1	30026001	GMC 1500 Pickup 1/2T 4x4 4-Wheel Drive
2	0.0	30027016	GMC 2500 Chass 3/4T 4x4 4WD incomplete
110	0.0	30028001	GMC 2500 Pickup 3/4T 4x4 4-Wheel Drive
2	0.0	30029016	GMC 3500 Chass C 1T 4x4 4-Wheel Drive incomplete
101	0.0	30031001	GMC Yukon 2D 4x4 4-Wheel Drive
386	0.1	30032001	GMC Yukon 4D 4x4 4-Wheel Drive
18	0.0	30033000	GMC Yukon 4D 4x2
1	0.0	30034000	GMC Yukon 2D 4x2
23	0.0	30035000	GMC Savana Van 1500 4x2
4	0.0	30036000	GMC Savana Van 2500 4x2
4	0.0	30036009	GMC Savana Van 2500 4x2 Bus
3	0.0	30037000	GMC Savana Van 3500 4x2
2	0.0	30037009	GMC Savana Van 3500 4x2 Bus
76	0.0	30038000	GMC Savana Cargo Van 1500 4x2
145	0.0	30038006	GMC Savana Cargo Van 1500 4x2 Incomplete
248	0.1	30039000	GMC Savana Cargo Van 2500 4x2
11	0.0	30040006	GMC Cutaway/RV Cut Van 1T incomplete
380	0.1	30041000	GMC S15/Sonoma Pickup 4x2
35	0.0	30042001	GMC T15/Sonoma Pickup 4x4 4-Wheel Drive

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## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
81	0.0	30043000	GMC S15 Jimmy 2D 4x2
1	0.0	30043007	GMC S15 Jimmy 2D 4x2 Truck
242	0.1	30044001	GMC T15 Jimmy 2D 4x4 4-Wheel Drive
31	0.0	30046008	GMC Safari Van 4x2 MPV
8	0.0	30047006	GMC Safari Cargo Van 4x2 Incomplete
9	0.0	30047007	GMC Safari Cargo Van 4x2 Truck
395	0.1	30048000	GMC S15/Sonoma PU Ext Cab 4x2
227	0.0	30049001	GMC T15/Sonoma PU Ext Cab 4x4 4-Wheel Drive
1	0.0	30050017	GMC 3500 Crew C Chassis 1T 4x2
8	0.0	30051003	GMC 3500 Crew PU 1T 4x2 Crew/Bonus Cab
26	0.0	30053004	GMC 3500 Crew PU 1T 4x4 Crew/Bonus Cab 4WD
1	0.0	30055003	GMC 2500 Crew PU 3/4T 4x2 Crew/Bonus Cab
9	0.0	30056004	GMC 2500 Crew PU 3/4T 4x4 Crew/Bonus Cab 4WD
247	0.1	30057000	GMC 1500 PU Ext C 1/2T 4x2
636	0.1	30058001	GMC 1500 PU Ext C 1/2T 4x4 4-Wheel Drive
41	0.0	30059000	GMC 2500 PU Ext C 3/4T 4x2
79	0.0	30060001	GMC 2500 PU Ext C 3/4T 4x4 4-Wheel Drive
15	0.0	30061000	GMC 3500 PU Ext C 1T 4x2
3	0.0	30062001	GMC 3500 PU Ext C 1T 4x4 4-Wheel Drive
37	0.0	30065006	GMC 3500 CC 1T 4x2 (C Body) incomplete
6	0.0	30066016	GMC 3500 CC 1T 4x4 (K Body) 4WD incomplete
7	0.0	30067000	GMC 3500 PU 1T 4x2 (C Body)
19	0.0	30068001	GMC 3500 PU 1T 4x4 (K Body) 4-Wheel Drive
3	0.0	30069008	GMC Safari Van 4x4 MPV
286	0.1	30071008	GMC Safari Ext Van 4x2 MPV
46	0.0	30072006	GMC Safari Ext Cargo Van 4x2 Incomplete
36	0.0	30072007	GMC Safari Ext Cargo Van 4x2 Truck
200	0.0	30073008	GMC Safari Ext Van 4x4 MPV
11	0.0	30074006	GMC Safari Ext Cargo Van 4x4 Incomplete
15	0.0	30074007	GMC Safari Ext Cargo Van 4x4 Truck
5	0.0	30076000	GMC Vandura 1T Ext
1526	0.3	30077001	GMC T15 Jimmy 4D 4x4 4-Wheel Drive
74	0.0	30078000	GMC S15 Jimmy 4D 4x2
9	0.0	30081006	GMC 1500 CC Ext C 1/2T 4x2 incomplete
9	0.0	30082016	GMC 1500 CC Ext C 1/2T 4x4 4WD incomplete
1	0.0	30084016	GMC 2500 CC Ext C 3/4T 4x4 4WD incomplete
1	0.0	30085006	GMC P30 RV Chassis incomplete
70	0.0	30086000	GMC Savana Cargo Van 3500 4x2
1	0.0	30086006	GMC Savana Cargo Van 3500 4x2 Incomplete
20	0.0	30087009	GMC Savana Van 3500 Ext 4x2 Bus
68	0.0	30088000	GMC Savana CG V 3500 Ext 4x2
115	0.0	30089006	GMC CUT/RV Cut V 3500 incomplete
5	0.0	30090009	GMC Savana Van 2500 Ext 4x2 Bus
57	0.0	30091000	GMC Savana CG V 2500 Ext 4x2
1	0.0	30091006	GMC Savana CG V 2500 Ext 4x2 Incomplete
266	0.1	30092000	GMC Sierra 1500 PU 4x2
210	0.0	30093000	GMC Sierra 1500 PU E C 4x2
176	0.0	30094000	GMC Sierra 1500 PU 4x4
1001	0.2	30095000	GMC Sierra 1500 PU E C 4x4
26	0.0	30100000	GMC Sierra 2500 PU 4x2
26	0.0	30101000	GMC Sierra 2500 PU E C 4x2
123	0.0	30102000	GMC Sierra 2500 PU 4x4



Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
332	0.1	30103000	GMC Sierra 2500 PU E C 4x4
4	0.0	30104006	GMC Sierra 2500 CC 4x2 incomplete
1	0.0	30106006	GMC Sierra 2500 CC 4x4 incomplete
33	0.0	30108000	GMC Yukon XL 1/2T 4D 4x2
1	0.0	30108012	GMC Yukon XL 1/2T 4D 4x2 Denali
4	0.0	30108013	GMC Yukon XL 1/2T 4D 4x2 SLE
561	0.1	30109000	GMC Yukon XL 1/2T 4D 4x4
296	0.1	30109012	GMC Yukon XL 1/2T 4D 4x4 Denali
4	0.0	30109013	GMC Yukon XL 1/2T 4D 4x4 SLE
32	0.0	30109014	GMC Yukon XL 1/2T 4D 4x4 SLT
29	0.0	30111000	GMC Yukon XL 3/4T 4D 4x4
29	0.0	30112000	GMC Yukon 4D 4x2
2	0.0	30112012	GMC Yukon 4D 4x2 Denali
3	0.0	30112013	GMC Yukon 4D 4x2 SLE
1	0.0	30112014	GMC Yukon 4D 4x2 SLT
596	0.1	30113000	GMC Yukon 4D 4x4
291	0.1	30113012	GMC Yukon 4D 4x4 Denali
11	0.0	30113013	GMC Yukon 4D 4x4 SLE
69	0.0	30113014	GMC Yukon 4D 4x4 SLT
5	0.0	30114000	GMC Sierra 2500 CR PU 4x2
241	0.1	30115000	GMC Sierra 2500 CR PU 4x4
1	0.0	30117000	GMC Sierra 3500 PU E C 4x2
4	0.0	30118000	GMC Sierra 3500 PU 4x4
9	0.0	30119000	GMC Sierra 3500 PU E C 4x4
15	0.0	30120006	GMC Sierra 3500 CC 4x2 incomplete
10	0.0	30122006	GMC Sierra 3500 CC 4x4 incomplete
1	0.0	30123006	GMC Sierra 3500 CC E C 4x4 incomplete
1	0.0	30125006	GMC Sierra 3500 CR CC 4x4 incomplete
7	0.0	30126000	GMC Sierra 3500 CR PU 4x2
28	0.0	30127000	GMC Sierra 3500 CR PU 4x4
58	0.0	30129000	GMC Sonoma Crew Cab PU 4x4
206	0.0	30130000	GMC Envoy 4D 4x2
1	0.0	30130012	GMC Envoy 4D 4x2 Denali
8	0.0	30130013	GMC Envoy 4D 4x2 SLE
1	0.0	30130014	GMC Envoy 4D 4x2 SLT
1625	0.3	30131000	GMC Envoy 4D 4x4
126	0.0	30131012	GMC Envoy 4D 4x4 Denali
20	0.0	30131013	GMC Envoy 4D 4x4 SLE
15	0.0	30131014	GMC Envoy 4D 4x4 SLT
13	0.0	30132000	GMC Sierra 1500 CR PU 4x2
200	0.0	30133000	GMC Sierra 1500 CR PU 4x4
1	0.0	30136006	GMC Sierra 2500 CR CC 4x2 incomplete
39	0.0	30138000	GMC Envoy XL 4D 4x2
518	0.1	30139000	GMC Envoy XL 4D 4x4
17	0.0	30139012	GMC Envoy XL 4D 4x4 Denali
4	0.0	30140000	GMC Savana Van 1500 4x4
2	0.0	30140021	GMC Savana Van 1500 4x4 incomplete?
14	0.0	30142000	GMC Yukon Hybrid 4D 4x4
7	0.0	30143000	GMC Savana Cargo Van 1500 4x4
13	0.0	30143006	GMC Savana Cargo Van 1500 4x4 Incomplete
3	0.0	30144000	GMC Savana Cargo Van 2500 4x4
47	0.0	30146000	GMC Canyon PU 4x2

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## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
23	0.0	30149000	GMC Canyon PU E C 4x2
2	0.0	30149013	GMC Canyon PU E C 4x2 SLE
36	0.0	30152000	GMC Canyon CR PU 4x2
1	0.0	30152013	GMC Canyon CR PU 4x2 SLE
1	0.0	30153000	GMC Sierra 1500 Hybrid CR 4x2
1	0.0	30154000	GMC Sierra 1500 Hybrid CR 4x4
6	0.0	30155000	GMC Envoy XUV 4D 4x2
89	0.0	30156000	GMC Envoy XUV 4D 4x4
7	0.0	30157000	GMC Canyon PU 4x4
46	0.0	30158000	GMC Canyon PU E C 4x4
76	0.0	30159000	GMC Canyon CR PU 4x4
5	0.0	30159013	GMC Canyon CR PU 4x4 SLE
2	0.0	30159014	GMC Canyon CR PU 4x4 SLT
85	0.0	30160006	GMC Medium Duty 4500 Series incomplete
68	0.0	30161006	GMC Medium Duty 5500 Series incomplete
49	0.0	30162006	GMC Medium Duty 6500 Series incomplete
157	0.0	30163006	GMC Medium Duty 7500 Series incomplete
4	0.0	30164006	GMC Medium Duty 8500 Series incomplete
1	0.0	30165012	GMC Acadia 4D 2WD Denali
192	0.0	30165013	GMC Acadia 4D 2WD SLE
227	0.0	30165014	GMC Acadia 4D 2WD SLT
38	0.0	30165015	GMC Acadia 4D 2WD SL
1	0.0	30166012	GMC Acadia 4D 4WD Denali
60	0.0	30166013	GMC Acadia 4D 4WD SLE
207	0.0	30166014	GMC Acadia 4D 4WD SLT
3	0.0	30166015	GMC Acadia 4D 4WD SL
61	0.0	30167000	GMC Sierra 1500 4x2
72	0.0	30168000	GMC Sierra 1500 Extended Cab 4x2
3	0.0	30168013	GMC Sierra 1500 Extended Cab 4x2 SLE
1	0.0	30168015	GMC Sierra 1500 Extended Cab 4x2 SL
31	0.0	30169000	GMC Sierra 1500 4x4
1	0.0	30169013	GMC Sierra 1500 4x4 SLE
325	0.1	30170000	GMC Sierra 1500 Extended Cab 4x4
39	0.0	30170013	GMC Sierra 1500 Extended Cab 4x4 SLE
16	0.0	30170014	GMC Sierra 1500 Extended Cab 4x4 SLT
1	0.0	30170015	GMC Sierra 1500 Extended Cab 4x4 SL
10	0.0	30175000	GMC Sierra 2500 4x2
3	0.0	30176000	GMC Sierra 2500 Extended Cab 4x2
37	0.0	30177000	GMC Sierra 2500 4x4
41	0.0	30178000	GMC Sierra 2500 Extended Cab 4x4
4	0.0	30178013	GMC Sierra 2500 Extended Cab 4x4 SLE
1	0.0	30179006	GMC Sierra 2500 Chassis Cab 4x2 incomplete
2	0.0	30181006	GMC Sierra 2500 Chassis Cab 4x4 incomplete
4	0.0	30183000	GMC Sierra 2500 Crew 4x2
65	0.0	30184000	GMC Sierra 2500 Crew 4x4
1	0.0	30184012	GMC Sierra 2500 Crew 4x4 Denali
4	0.0	30184013	GMC Sierra 2500 Crew 4x4 SLE
16	0.0	30184014	GMC Sierra 2500 Crew 4x4 SLT
1	0.0	30186014	GMC Sierra 3500 Extended Cab 4x2 SLT
2	0.0	30188000	GMC Sierra 3500 Extended Cab 4x4
4	0.0	30189006	GMC Sierra 3500 Chassis Cab 4x2 incomplete
5	0.0	30191006	GMC Sierra 3500 Chassis Cab 4x4 incomplete

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
16	0.0	30196000	GMC Sierra 3500 Crew 4x4
18	0.0	30197000	GMC Sierra 1500 Crew 4x2
1	0.0	30197013	GMC Sierra 1500 Crew 4x2 SLE
1	0.0	30197015	GMC Sierra 1500 Crew 4x2 SL
190	0.0	30198000	GMC Sierra 1500 Crew 4x4
9	0.0	30198012	GMC Sierra 1500 Crew 4x4 Denali
29	0.0	30198013	GMC Sierra 1500 Crew 4x4 SLE
8	0.0	30198014	GMC Sierra 1500 Crew 4x4 SLT
3	0.0	30198015	GMC Sierra 1500 Crew 4x4 SL
84	0.0	30203013	GMC Terrian 4D 2WD SLE
39	0.0	30203014	GMC Terrian 4D 2WD SLT
20	0.0	30204013	GMC Terrian 4D 4WD SLE
35	0.0	30204014	GMC Terrian 4D 4WD SLT
201	0.0	31000000	Ford Truck Unknown Series Model
277	0.1	31002001	Ford E150 Econo Club Wagon Club Wagon
4	0.0	31004001	Ford E250 Econo Club Wagon Club Wagon
1	0.0	31005000	Ford E300 Econo Club Wagon
140	0.0	31006001	Ford E350 Econo Club Wagon Club Wagon
295	0.1	31006008	Ford E350 Econo Club Wagon Super Club Wagon
20	0.0	31007000	Ford F100 Pickup 4x2
951	0.2	31008000	Ford F150 Pickup 4x2
48	0.0	31008023	Ford F150 Pickup 4x2 Flareside
521	0.1	31008024	Ford F150 Pickup 4x2 Styleside
235	0.0	31009000	Ford F250 Pickup 4x2
17	0.0	31009024	Ford F250 Pickup 4x2 Styleside
28	0.0	31010000	Ford F350 Pickup 4x2
2	0.0	31010026	Ford F350 Pickup 4x2 Dual Rear Wheels
9	0.0	31011000	Ford Bronco 2D 4x4
176	0.0	31011014	Ford Bronco 2D 4x4 4-Wheel Drive
1	0.0	31012002	Ford E100 Econo Cargo Van Cargo Van
1	0.0	31012003	Ford E100 Econo Cargo Van Window Van
509	0.1	31013002	Ford E150 Econo Cargo Van Cargo Van
7	0.0	31013009	Ford E150 Econo Cargo Van Super Cargo Van
696	0.1	31013020	Ford E150 Econo Cargo Van Incomplete
763	0.2	31014002	Ford E250 Econo Cargo Van Cargo Van
1	0.0	31014003	Ford E250 Econo Cargo Van Window Van
243	0.1	31014009	Ford E250 Econo Cargo Van Super Cargo Van
35	0.0	31014020	Ford E250 Econo Cargo Van Incomplete
223	0.0	31015002	Ford E350 Econo Cargo Van Cargo Van
250	0.1	31015009	Ford E350 Econo Cargo Van Super Cargo Van
58	0.0	31015020	Ford E350 Econo Cargo Van Incomplete
4	0.0	31020020	Ford F250 Chassis C 4x2 incomplete
79	0.0	31021020	Ford F350 Chassis C 4x2 incomplete
78	0.0	31021058	Ford F350 Chassis C 4x2 DRW incomplete
7	0.0	31022000	Ford F150 Pickup 4x4
392	0.1	31022014	Ford F150 Pickup 4x4 4-Wheel Drive
38	0.0	31022023	Ford F150 Pickup 4x4 Flareside
228	0.0	31022024	Ford F150 Pickup 4x4 Styleside
6	0.0	31024000	Ford F250 Pickup 4x4
392	0.1	31024014	Ford F250 Pickup 4x4 4-Wheel Drive
31	0.0	31024024	Ford F250 Pickup 4x4 Styleside
48	0.0	31025058	Ford F350 Chassis C 4x4 DRW incomplete

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
22	0.0	31025059	Ford F350 Chassis C 4x4 4WD incomplete
1	0.0	31026000	Ford F350 Pickup 4x4
231	0.0	31026014	Ford F350 Pickup 4x4 4-Wheel Drive
1	0.0	31026026	Ford F350 Pickup 4x4 Dual Rear Wheels
2	0.0	31027059	Ford F250 Chassis C 4x4 4WD incomplete
1949	0.4	31028000	Ford Ranger Pickup 4x2
186	0.0	31029014	Ford Ranger Pickup 4x4 4-Wheel Drive
53	0.0	31031000	Ford Bronco II 2D 4x4
146	0.0	31032017	Ford Aerostar Van 4x2 Window Wagon
11	0.0	31033002	Ford Aerostar Cargo V 4x2 Cargo Van
1	0.0	31033003	Ford Aerostar Cargo V 4x2 Window Van
3	0.0	31034000	Ford Bronco II 2D 4x2
2	0.0	31035005	Ford E250 Cutaway/Chassis Cutaway
290	0.1	31037005	Ford E350 Cutaway/Chassis Van Cutaway
14	0.0	31037016	Ford E350 Cutaway/Chassis Van Stripped Chassis
44	0.0	31038007	Ford E350 RV Cutaway Van RV Cutaway
283	0.1	31040012	Ford F150 Super PU 4x2 Super Pickup 4x2
59	0.0	31040023	Ford F150 Super PU 4x2 Flareside
1010	0.2	31040024	Ford F150 Super PU 4x2 Styleside
196	0.0	31041012	Ford F250 Super PU 4x2 Super Pickup 4x2
33	0.0	31041024	Ford F250 Super PU 4x2 Styleside
36	0.0	31042012	Ford F350 Super PU 4x2 Super Pickup 4x2
4	0.0	31042026	Ford F350 Super PU 4x2 Dual Rear Wheels
70	0.0	31043015	Ford F350 Crew C PU 4x2 Crew Cab
32	0.0	31043026	Ford F350 Crew C PU 4x2 Dual Rear Wheels
225	0.0	31044013	Ford F150 Super PU 4x4 Super Pickup 4x4
156	0.0	31044023	Ford F150 Super PU 4x4 Flareside
1468	0.3	31044024	Ford F150 Super PU 4x4 Styleside
887	0.2	31045013	Ford F250 Super PU 4x4 Super Pickup 4x4
146	0.0	31045024	Ford F250 Super PU 4x4 Styleside
483	0.1	31046015	Ford F350 Crew C PU 4x4 Crew Cab
111	0.0	31046026	Ford F350 Crew C PU 4x4 Dual Rear Wheels
804	0.2	31047018	Ford Ranger Super PU 4x2 Super Cab
183	0.0	31047047	Ford Ranger Super PU 4x2 2-Door
251	0.1	31047048	Ford Ranger Super PU 4x2 4-Door
893	0.2	31048018	Ford Ranger Super PU 4x4 Super Cab
96	0.0	31048047	Ford Ranger Super PU 4x4 2-Door
560	0.1	31048048	Ford Ranger Super PU 4x4 4-Door
180	0.0	31049014	Ford F350 Super PU 4x4 4-Wheel Drive
25	0.0	31049026	Ford F350 Super PU 4x4 Dual Rear Wheels
58	0.0	31050020	Ford F-Super Duty CC 4x2 incomplete
101	0.0	31051017	Ford Aerostar Ext Van 4x2 Window Wagon
3	0.0	31053017	Ford Aerostar Van 4x4 Window Wagon
1	0.0	31054002	Ford Aerostar Cargo V 4x4 Cargo Van
44	0.0	31055017	Ford Aerostar Ext Van 4x4 Window Van
148	0.0	31057000	Ford Explorer 2D 4x2
202	0.0	31057034	Ford Explorer 2D 4x2 Sport
492	0.1	31058000	Ford Explorer 2D 4x4
408	0.1	31058034	Ford Explorer 2D 4x4 Sport
119	0.0	31059000	Ford Explorer 4D 4x2
227	0.0	31059031	Ford Explorer 4D 4x2 XLT
104	0.0	31059032	Ford Explorer 4D 4x2 Eddie Bauer

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
7	0.0	31059033	Ford Explorer 4D 4x2 Limited
190	0.0	31059036	Ford Explorer 4D 4x2 XLS
1396	0.3	31060000	Ford Explorer 4D 4x4
311	0.1	31060025	Ford Explorer 4D 4x4 AWD
2036	0.4	31060031	Ford Explorer 4D 4x4 XLT
539	0.1	31060032	Ford Explorer 4D 4x4 Eddie Bauer
225	0.0	31060033	Ford Explorer 4D 4x4 Limited
4	0.0	31060035	Ford Explorer 4D 4x4 XL
639	0.1	31060036	Ford Explorer 4D 4x4 XLS
85	0.0	31060037	Ford Explorer 4D 4x4 XLT AWD
47	0.0	31060038	Ford Explorer 4D 4x4 Eddie Bauer AWD
4	0.0	31060040	Ford Explorer 4D 4x4 XLS AWD
39	0.0	31060041	Ford Explorer 4D 4x4 Limited AWD
856	0.2	31061000	Ford Windstar Van
279	0.1	31061028	Ford Windstar Van 3.0L/LX
596	0.1	31061029	Ford Windstar Van SE
317	0.1	31061030	Ford Windstar Van SEL
42	0.0	31061033	Ford Windstar Van Limited
9	0.0	31061034	Ford Windstar Van Sport
710	0.1	31061042	Ford Windstar Van LX
75	0.0	31061044	Ford Windstar Van SE Sport
8	0.0	31061045	Ford Windstar Van SEL Limited
53	0.0	31062000	Ford Windstar Cargo Van
12	0.0	31063020	Ford F-Super Duty Motorhome Chassis incomplete
30	0.0	31064015	Ford F250 Crew C PU 4x2 Crew Cab
6	0.0	31064024	Ford F250 Crew C PU 4x2 Styleside
686	0.1	31065015	Ford F250 Crew C PU 4x4 Crew Cab
36	0.0	31065024	Ford F250 Crew C PU 4x4 Styleside
5	0.0	31069059	Ford F250 Super CC 4x4 4WD incomplete
3	0.0	31070020	Ford F350 Super CC 4x2 incomplete
4	0.0	31070058	Ford F350 Super CC 4x2 DRW incomplete
7	0.0	31073058	Ford F350 Crew CC 4x2 DRW incomplete
7	0.0	31074058	Ford F350 Crew CC 4x4 DRW incomplete
1	0.0	31074060	Ford F350 Crew CC 4x4 Crew Cab incomplete
32	0.0	31075000	Ford Expedition 4D 4x2
47	0.0	31075031	Ford Expedition 4D 4x2 XLT
26	0.0	31075032	Ford Expedition 4D 4x2 Eddie Bauer
4	0.0	31075033	Ford Expedition 4D 4x2 Limited
3	0.0	31075036	Ford Expedition 4D 4x2 XLS
555	0.1	31076000	Ford Expedition 4D 4x4
487	0.1	31076031	Ford Expedition 4D 4x4 XLT
450	0.1	31076032	Ford Expedition 4D 4x4 Eddie Bauer
57	0.0	31076033	Ford Expedition 4D 4x4 Limited
4	0.0	31076036	Ford Expedition 4D 4x4 XLS
11	0.0	31077024	Ford F250 PU 4x2 LD Styleside
15	0.0	31079024	Ford F250 SUP PU 4x2 LD Styleside
17	0.0	31081024	Ford F250 PU 4x4 LD Styleside
44	0.0	31083024	Ford F250 SUP PU 4x4 LD Styleside
13	0.0	31085007	Ford E450 RV Cutaway Van RV Cutaway
194	0.0	31086005	Ford E450 RV Cutaway/Chass Van Cutaway
12	0.0	31086016	Ford E450 RV Cutaway/Chass Van Stripped Chassis
7	0.0	31087058	Ford F350 Super CC 4x4 DRW incomplete

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
3	0.0	31087059	Ford F350 Super CC 4x4 4WD incomplete
75	0.0	31088058	Ford F450 Chassis C 4x2 DRW incomplete
23	0.0	31089058	Ford F450 Chassis C 4x4 DRW incomplete
10	0.0	31090058	Ford F450 Crew CC 4x2 DRW incomplete
1	0.0	31091058	Ford F450 Crew CC 4x4 DRW incomplete
103	0.0	31092058	Ford F550 Chassis C 4x2 DRW incomplete
44	0.0	31093058	Ford F550 Chassis C 4x4 DRW incomplete
7	0.0	31094058	Ford F550 Crew CC 4x2 DRW incomplete
12	0.0	31095058	Ford F550 Crew CC 4x4 DRW incomplete
66	0.0	31097058	Ford F650 Chassis C 4x2 DRW incomplete
10	0.0	31098058	Ford F650 Super CC 4x2 DRW incomplete
1	0.0	31099058	Ford F650 Crew CC 4x2 DRW incomplete
33	0.0	31100058	Ford F750 Chassis C 4x2 DRW incomplete
2	0.0	31101058	Ford F750 Super CC 4x2 DRW incomplete
1	0.0	31102058	Ford F750 Crew CC 4x2 DRW incomplete
9	0.0	31103031	Ford Excursion 4D 4x2 XLT
6	0.0	31103033	Ford Excursion 4D 4x2 Limited
44	0.0	31104031	Ford Excursion 4D 4x4 XLT
21	0.0	31104032	Ford Excursion 4D 4x4 Eddie Bauer
143	0.0	31104033	Ford Excursion 4D 4x4 Limited
20	0.0	31105039	Ford Explorer Chassis 4x2 Right Hand Drive
92	0.0	31106000	Ford Explorer SPT Trac 4x2
10	0.0	31106031	Ford Explorer SPT Trac 4x2 XLT
9	0.0	31106033	Ford Explorer SPT Trac 4x2 Limited
325	0.1	31107000	Ford Explorer SPT Trac 4x4
34	0.0	31107031	Ford Explorer SPT Trac 4x4 XLT
26	0.0	31107033	Ford Explorer SPT Trac 4x4 Limited
5	0.0	31107041	Ford Explorer SPT Trac 4x4 Limited AWD
226	0.0	31108043	Ford F150 Crew C PU 4x2 Super Crew
1675	0.3	31109043	Ford F150 Crew C PU 4x4 Super Crew
1812	0.4	31112031	Ford Escape 4D 2WD XLT
424	0.1	31112033	Ford Escape 4D 2WD Limited
419	0.1	31112036	Ford Escape 4D 2WD XLS
1587	0.3	31113031	Ford Escape 4D 4WD XLT
445	0.1	31113033	Ford Escape 4D 4WD Limited
244	0.1	31113036	Ford Escape 4D 4WD XLS
29	0.0	31114058	Ford F800 CC 4x2 DRW incomplete
3	0.0	31116005	Ford E550 Cutaway/Chass Van Cutaway
1	0.0	31116050	Ford E550 Cutaway/Chass Van DRW Chassis
6	0.0	31118026	Ford F450 Crew C PU 4x4 Dual Rear Wheels
3	0.0	31119058	Ford F450 Super CC 4x2 DRW incomplete
11	0.0	31120058	Ford F450 Super CC 4x4 DRW incomplete
1	0.0	31122058	Ford F550 Super CC 4x4 DRW incomplete
72	0.0	31133000	Ford Escape Hybrid 4D 2WD
83	0.0	31134000	Ford Escape Hybrid 4D 4WD
253	0.1	31135029	Ford Freestar Van SE
147	0.0	31135030	Ford Freestar Van SEL
144	0.0	31135033	Ford Freestar Van Limited
5	0.0	31135034	Ford Freestar Van Sport
94	0.0	31135051	Ford Freestar Van SES/Sport
37	0.0	31135052	Ford Truck Freestar Van S
56	0.0	31136029	Ford Freestyle 4D 2WD SE

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
224	0.0	31136030	Ford Freestyle 4D 2WD SEL
56	0.0	31136033	Ford Freestyle 4D 2WD Limited
30	0.0	31137029	Ford Freestyle 4D 4WD SE
106	0.0	31137030	Ford Freestyle 4D 4WD SEL
144	0.0	31137033	Ford Freestyle 4D 4WD Limited
2	0.0	31138031	Ford Expedition EL 4D 4x2 XLT
1	0.0	31138032	Ford Expedition EL 4D 4x2 Eddie Bauer
2	0.0	31138033	Ford Expedition EL 4D 4x2 Limited
18	0.0	31139031	Ford Expedition EL 4D 4x4 XLT
35	0.0	31139032	Ford Expedition EL 4D 4x4 Eddie Bauer
38	0.0	31139033	Ford Expedition EL 4D 4x4 Limited
1	0.0	31140000	Ford F150 Pickup 4x2 unknown model
3	0.0	31140023	Ford F150 Pickup 4x2 Flareside
289	0.1	31140024	Ford F150 Pickup 4x2 Styleside
11	0.0	31141023	Ford F150 Pickup 4x4 Flareside
103	0.0	31141024	Ford F150 Pickup 4x4 Styleside
1	0.0	31142018	Ford F150 Super PU 4x2 Super Cab
5	0.0	31142023	Ford F150 Super PU 4x2 Flareside
273	0.1	31142024	Ford F150 Super PU 4x2 Styleside
3	0.0	31143018	Ford F150 Super PU 4x2 Super Cab
46	0.0	31143023	Ford F150 Super PU 4x4 Flareside
1635	0.3	31143024	Ford F150 Super PU 4x4 Styleside
11	0.0	31148000	Ford Freestar CG Van
8	0.0	31150058	Ford Truck Low Cab Forward 450 4X2 DRW incomplete
2	0.0	31151058	Ford Truck Low Cab Forward 550 4X2 DRW incomplete
434	0.1	31152029	Ford Truck Edge 4D 2WD SE
449	0.1	31152030	Ford Truck Edge 4D 2WD SEL
325	0.1	31152033	Ford Truck Edge 4D 2WD Limited
4	0.0	31152034	Ford Truck Edge 4D 2WD Sport
104	0.0	31152053	Ford Truck Edge 4D 2WD SEL Plus
30	0.0	31153029	Ford Truck Edge 4D 4WD SE
148	0.0	31153030	Ford Truck Edge 4D 4WD SEL
161	0.0	31153033	Ford Truck Edge 4D 4WD Limited
10	0.0	31153034	Ford Truck Edge 4D 4WD Sport
77	0.0	31153053	Ford Truck Edge 4D 4WD SEL Plus
84	0.0	31154030	Ford Truck Taurus X 4D 2WD SEL
16	0.0	31154032	Ford Truck Taurus X 4D 2WD Eddie Bauer
37	0.0	31154033	Ford Truck Taurus X 4D 2WD Limited
30	0.0	31155030	Ford Truck Taurus X 4D 4WD SEL
9	0.0	31155032	Ford Truck Taurus X 4D 4WD Eddie Bauer
19	0.0	31155033	Ford Truck Taurus X 4D 4WD Limited
171	0.0	31157029	Ford Truck Flex 4D 2WD SE
224	0.0	31157030	Ford Truck Flex 4D 2WD SEL
108	0.0	31157033	Ford Truck Flex 4D 2WD Limited
71	0.0	31158030	Ford Truck Flex 4D 4WD SEL
105	0.0	31158033	Ford Truck Flex 4D 4WD Limited
1	0.0	31159058	Ford Truck F600 CC 4x2 DRW incomplete
11	0.0	31160058	Ford Truck F700 CC 4x2 DRW incomplete
3	0.0	31161020	Ford Truck LN8000 CC 4x2 incomplete
13	0.0	31162031	Ford Truck Transit Connect Van XLT
2	0.0	31162035	Ford Truck Transit Connect Van XL
35	0.0	31163031	Ford Truck Transit Connect CG Van XLT

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
27	0.0	31163035	Ford Truck Transit Connect CG Van XL
24	0.0	32000000	Dodge Truck Unknown Series Model
1	0.0	32002002	Dodge B200 Van Tradesman
6	0.0	32008000	Dodge D/W 100/150 PU 1/2T
3	0.0	32009000	Dodge D200/W200 PU 3/4T
3	0.0	32011000	Dodge Ram50/D50 PU SH 4x2
8	0.0	32012003	Dodge AD150 Ramcharger 2D 4x2 Sport
17	0.0	32013003	Dodge AW150 Ramcharger 2D 4x4 Sport
21	0.0	32014010	Dodge B150/B1500 Van Wagon
676	0.1	32015004	Dodge Ram 1500 PU 4x2 Conventional Cab
2	0.0	32016007	Dodge B250/B2500 Van Bus
36	0.0	32016010	Dodge B250/B2500 Van Wagon
197	0.0	32017008	Dodge B150/B1500 CG Van Incomplete
73	0.0	32017009	Dodge B150/B1500 CG Van Truck
81	0.0	32018004	Dodge Ram 2500 PU 4x2 Conventional Cab
192	0.0	32019008	Dodge B250/B2500 CG Van Incomplete
122	0.0	32019009	Dodge B250/B2500 CG Van Truck
90	0.0	32020007	Dodge B350/B3500 Van Bus
2	0.0	32020010	Dodge B350/B3500 Van Wagon
8	0.0	32021008	Dodge B350/B3500 CG Van Incomplete
20	0.0	32021009	Dodge B350/B3500 CG Van Truck
12	0.0	32022004	Dodge Ram 3500 PU 4x2 Conventional Cab
3	0.0	32023066	Dodge Ram 2500 CC 4x2
107	0.0	32024004	Dodge D100/D150 Pickup Conventional Cab
26	0.0	32026004	Dodge D250 Pickup 4x2 Conventional Cab
8	0.0	32027066	Dodge D350 Chassis Cab 4x2 Conventional Cab Inc
4	0.0	32028004	Dodge D350 Pickup 4x2 Conventional Cab
41	0.0	32029004	Dodge W100/W150 Pickup 4x4 Conventional Cab
25	0.0	32031004	Dodge W250 Pickup 4x4 Conventional Cab
1	0.0	32032066	Dodge W350 Chassis Cab 4x4 Conventional Cab inc
2	0.0	32033004	Dodge W350 Pickup 4x4 Conventional Cab
14	0.0	32036018	Dodge Caravan CG Van 2WD Caravan C/V
716	0.1	32037000	Dodge Caravan Van 2WD
106	0.0	32037003	Dodge Caravan Van 2WD Sport
878	0.2	32037013	Dodge Caravan Van 2WD SE
37	0.0	32037014	Dodge Caravan Van 2WD LE
24	0.0	32037025	Dodge Caravan Van 2WD LE/ES
190	0.0	32037028	Dodge Caravan Van 2WD SE/Sport
2	0.0	32037041	Dodge Caravan Van 2WD EC
291	0.1	32037051	Dodge Caravan Van 2WD SXT
12	0.0	32038066	Dodge Ram 3500 CC 4x2 Conventional Cab inc
3	0.0	32038069	Dodge Ram 3500 CC 4x2 DRW incomplete
487	0.1	32039000	Dodge Dakota Pickup 4x2
9	0.0	32039003	Dodge Dakota Pickup 4x2 Sport
1	0.0	32039016	Dodge Dakota Pickup 4x2 Shelby
46	0.0	32039027	Dodge Dakota Pickup 4x2 Base/Sport/LE
2	0.0	32039037	Dodge Dakota Pickup 4x2 SLT
6	0.0	32039044	Dodge Dakota Pickup 4x2 Sport/R/T
19	0.0	32039045	Dodge Dakota Pickup 4x2 Base/SXT
14	0.0	32039051	Dodge Dakota Pickup 4x2 SXT
121	0.0	32040000	Dodge Dakota Pickup 4x4
6	0.0	32040003	Dodge Dakota Pickup 4x4 Sport



Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
10	0.0	32040027	Dodge Dakota Pickup 4x4 Base/Sport/LE
2	0.0	32040037	Dodge Dakota Pickup 4x4 SLT
2	0.0	32040044	Dodge Dakota Pickup 4x4 Sport/R/T
5	0.0	32040045	Dodge Dakota Pickup 4x4 Base/SXT
7	0.0	32040051	Dodge Dakota Pickup 4x4 SXT
1	0.0	32041000	Dodge Ram 50 PU Long 4x2
1	0.0	32041015	Dodge Ram 50 PU Long 4x2 Custom
5	0.0	32043005	Dodge D150 Club C PU 4x2 2-Door Club Cab
10	0.0	32044005	Dodge D250 Club C PU 4x2 2-Door Club Cab
5	0.0	32049005	Dodge W150 Club C PU 4x4 2-Door Club Cab
8	0.0	32050005	Dodge W250 Club C PU 4x4 2-Door Club Cab
2	0.0	32052005	Dodge W350 Club C PU 4x4 2-Door Club Cab
194	0.0	32054000	Dodge Grand Caravan 2WD
830	0.2	32054003	Dodge Grand Caravan 2WD Sport
1476	0.3	32054013	Dodge Grand Caravan 2WD SE
98	0.0	32054014	Dodge Grand Caravan 2WD LE
34	0.0	32054024	Dodge Grand Caravan 2WD Base/SE
175	0.0	32054025	Dodge Grand Caravan 2WD LE/ES
834	0.2	32054028	Dodge Grand Caravan 2WD SE/Sport
98	0.0	32054031	Dodge Grand Caravan 2WD ES
62	0.0	32054032	Dodge Grand Caravan 2WD EX
13	0.0	32054042	Dodge Grand Caravan 2WD EL
1888	0.4	32054051	Dodge Grand Caravan 2WD SXT
20	0.0	32054071	Dodge Grand Caravan 2WD Hero
6	0.0	32054073	Dodge Grand Caravan 2WD Crew
1	0.0	32056015	Dodge Ram 50 PU Ext C 4x4 Custom
34	0.0	32057018	Dodge Caravan Ext Cargo Van 2WD Caravan C/V
703	0.1	32059005	Dodge Dakota Club PU 4x2 2-Door Club Cab
84	0.0	32059035	Dodge Dakota Club PU 4x2 Club Cab SLT
12	0.0	32059036	Dodge Dakota Club PU 4x2 Club Cab Sport/R/T
18	0.0	32059046	Dodge Dakota Club PU 4x2 Club Cab Base/SXT
20	0.0	32059048	Dodge Dakota Club PU 4x2 Club Cab SXT
17	0.0	32059049	Dodge Dakota Club PU 4x2 Club Cab Sport
3	0.0	32059050	Dodge Dakota Club PU 4x2 Club Cab R/T
8	0.0	32059053	Dodge Dakota Club PU 4x2 Club Cab
67	0.0	32059056	Dodge Dakota Club PU 4x2 Club Cab ST
1	0.0	32059057	Dodge Dakota Club PU 4x2 Club Cab SLT Laramie
1	0.0	32059072	Dodge Dakota Club PU 4x2 Bighorn/Lonestar
26	0.0	32063003	Dodge Grand Caravan 4WD Sport
19	0.0	32063013	Dodge Grand Caravan 4WD SE
14	0.0	32063014	Dodge Grand Caravan 4WD LE
8	0.0	32063025	Dodge Grand Caravan 4WD LE/SE
11	0.0	32063031	Dodge Grand Caravan 4WD ES
4	0.0	32063051	Dodge Grand Caravan 4WD SXT
491	0.1	32064005	Dodge Dakota Club PU 4x4 2-Door Club Cab
96	0.0	32064035	Dodge Dakota Club PU 4x4 Club Cab SLT
10	0.0	32064036	Dodge Dakota Club PU 4x4 Club Cab Sport/R/T
15	0.0	32064046	Dodge Dakota Club PU 4x4 Club Cab Base/SXT
21	0.0	32064048	Dodge Dakota Club PU 4x4 Club Cab SXT
23	0.0	32064049	Dodge Dakota Club PU 4x4 Club Cab Sport
13	0.0	32064053	Dodge Dakota Club PU 4x4 Club Cab
28	0.0	32064056	Dodge Dakota Club PU 4x4 Club Cab ST

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
7	0.0	32064057	Dodge Dakota Club PU 4x4 Club Cab Laramie
1	0.0	32064072	Dodge Dakota Club PU 4x4 Bighorn/Lonestar
604	0.1	32067004	Dodge Ram 1500 PU 4x4 Conventional Cab
225	0.0	32068004	Dodge Ram 2500 PU 4x4 Conventional Cab
10	0.0	32069004	Dodge Ram 3500 PU 4x4 Conventional Cab
8	0.0	32069047	Dodge Ram 3500 PU 4x4 Dual Rear Wheels
9	0.0	32071066	Dodge Ram 3500 CC 4x4 Conventional Cab inc
3	0.0	32071069	Dodge Ram 3500 CC 4x4 DRW incomplete
250	0.1	32072005	Dodge Ram 1500 Club C PU 4x2 2-Door Club Cab
251	0.1	32072029	Dodge Ram 1500 Club C PU 4x2 4-Door Club Cab
38	0.0	32073005	Dodge Ram 2500 Club C PU 4x2 2-Door Club Cab
38	0.0	32073029	Dodge Ram 2500 Club C PU 4x2 4-Door Club Cab
9	0.0	32074005	Dodge Ram 3500 Club C PU 4x2 2-Door Club Cab
9	0.0	32074029	Dodge Ram 3500 Club C PU 4x2 4-Door Club Cab
368	0.1	32075005	Dodge Ram 1500 Club C PU 4x4 2-Door Club Cab
656	0.1	32075029	Dodge Ram 1500 Club C PU 4x4 4-Door Club Cab
85	0.0	32076005	Dodge Ram 2500 Club C PU 4x4 2-Door Club Cab
273	0.1	32076029	Dodge Ram 2500 Club C PU 4x4 4-Door Club Cab
19	0.0	32077005	Dodge Ram 3500 Club C PU 4x4 2-Door Club Cab
43	0.0	32077029	Dodge Ram 3500 Club C PU 4x4 4-Door Club Cab
1212	0.3	32078000	Dodge Durango 4D 4x4
160	0.0	32078003	Dodge Durango 4D 4x4 Sport
727	0.2	32078037	Dodge Durango 4D 4x4 SLT
99	0.0	32078039	Dodge Durango 4D 4x4 SLT Plus
12	0.0	32078040	Dodge Durango 4D 4x4 R/T
144	0.0	32078043	Dodge Durango 4D 4x4 Sport/SXT
61	0.0	32078051	Dodge Durango 4D 4x4 SXT
108	0.0	32078054	Dodge Durango 4D 4x4 ST
210	0.0	32078055	Dodge Durango 4D 4x4 Limited
20	0.0	32078060	Dodge Durango 4D 4x4 SLT/Adventurer
3	0.0	32078063	Dodge Durango 4D 4x4 Adventurer
26	0.0	32079000	Dodge Durango 4D 4x2
22	0.0	32079003	Dodge Durango 4D 4x2 Sport
26	0.0	32079037	Dodge Durango 4D 4x2 SLT
2	0.0	32079039	Dodge Durango 4D 4x2 SLT Plus
23	0.0	32079043	Dodge Durango 4D 4x2 Sport/SXT
7	0.0	32079051	Dodge Durango 4D 4x2 SXT
18	0.0	32079054	Dodge Durango 4D 4x2 ST
2	0.0	32079055	Dodge Durango 4D 4x2 Limited
1	0.0	32079060	Dodge Durango 4D 4x2 SLT/Adventurer
50	0.0	32080033	Dodge Dakota Crew Cab PU 4x2 Quad Cab SLT
22	0.0	32080034	Dodge Dakota Crew Cab PU 4x2 Quad Cab Sport/R/T
60	0.0	32080038	Dodge Dakota Crew Cab PU 4x2 Quad Cab
28	0.0	32080052	Dodge Dakota Crew Cab PU 4x2 Quad Cab Sport
18	0.0	32080058	Dodge Dakota Crew Cab PU 4x2 Quad Cab ST
1	0.0	32080059	Dodge Dakota Crew Cab PU 4x2 Quad Cab Laramie
3	0.0	32080064	Dodge Dakota Crew Cab PU 4x2 Quad Cab SXT
286	0.1	32081033	Dodge Dakota Crew Cab PU 4x4 Quad Cab SLT
32	0.0	32081034	Dodge Dakota Crew Cab PU 4x4 Quad Cab Sport/R/T
135	0.0	32081038	Dodge Dakota Crew Cab PU 4x4 Quad Cab
83	0.0	32081052	Dodge Dakota Crew Cab PU 4x4 Quad Cab Sport
52	0.0	32081058	Dodge Dakota Crew Cab PU 4x4 Quad Cab ST

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
171	0.0	32081059	Dodge Dakota Crew Cab PU 4x4 Quad Cab Laramie
4	0.0	32081062	Dodge Dakota Crew Cab PU 4x4 Quad Cab TRX
51	0.0	32081064	Dodge Dakota Crew Cab PU 4x4 Quad Cab SXT
3	0.0	32081072	Dodge Dakota Crew Cab PU 4x4 Bighorn/Lonestar
265	0.1	32082038	Dodge Ram 1500 CR C PU 4x2 Quad Cab
1672	0.3	32083038	Dodge Ram 1500 CR C PU 4x4 Quad Cab
31	0.0	32084038	Dodge Ram 2500 Crew C PU 4x2 Quad Cab
427	0.1	32085038	Dodge Ram 2500 Crew C PU 4x4 Quad Cab
11	0.0	32086038	Dodge Ram 3500 Crew C PU 4x2 Quad Cab
15	0.0	32086047	Dodge Ram 3500 Crew C PU 4x2 Dual Rear Wheels
54	0.0	32087038	Dodge Ram 3500 Crew C PU 4x4 Quad Cab
49	0.0	32087047	Dodge Ram 3500 Crew C PU 4x4 Dual Rear Wheels
2	0.0	32088068	Dodge Ram 2500 Crew CC 4x2 Quad Cab incomplete
1	0.0	32089068	Dodge Ram 2500 Crew CC 4x4 Quad Cab incomplete
3	0.0	32091069	Dodge Ram 3500 Crew CC 4x4 DRW incomplete
158	0.0	32092000	Dodge Sprinter CG Van 2500
34	0.0	32093000	Dodge Sprinter CG Van 3500
2	0.0	32094000	Dodge Sprinter Van 2500
2	0.0	32095008	Dodge Sprinter Chassis 2500 incomplete
4	0.0	32096008	Dodge Sprinter Chassis 3500 incomplete
2	0.0	32097000	Dodge Ram 1500 Mega Cab Pickup 4x2
27	0.0	32098000	Dodge Ram 1500 Mega Cab Pickup 4x4
3	0.0	32099000	Dodge Ram 2500 Mega Cab Pickup 4x2
32	0.0	32100000	Dodge Ram 2500 Mega Cab Pickup 4x4
2	0.0	32101047	Dodge Ram 3500 Mega Cab Pickup 4x2 Dual Rear Wheels
13	0.0	32102000	Dodge Ram 3500 Mega Cab Pickup 4x4
7	0.0	32102047	Dodge Ram 3500 Mega Cab Pickup 4x4 Dual Rear Wheels
2	0.0	32103013	Dodge Nitro 4D 2WD SE
17	0.0	32103051	Dodge Nitro 4D 2WD SXT
9	0.0	32103061	Dodge Nitro 4D 2WD SLT/R/T
1	0.0	32103070	Dodge Nitro 4D 2WD Heat
48	0.0	32104013	Dodge Nitro 4D 4WD SE
337	0.1	32104051	Dodge Nitro 4D 4WD SXT
151	0.0	32104061	Dodge Nitro 4D 4WD SLT/R/T
6	0.0	32104070	Dodge Nitro 4D 4WD Heat
3	0.0	32104077	Dodge Nitro 4D 4WD Detonator
145	0.0	32105013	Dodge Journey 4D 2WD SE
43	0.0	32105040	Dodge Journey 4D 2WD R/T
447	0.1	32105051	Dodge Journey 4D 2WD SXT
31	0.0	32106040	Dodge Journey 4D 4WD R/T
70	0.0	32106051	Dodge Journey 4D 4WD SXT
1	0.0	32107069	Dodge Ram 4500 Chassis Cab 4x2 DRW incomplete
7	0.0	32109069	Dodge Ram 5500 Chassis Cab 4x2 DRW incomplete
1	0.0	32112069	Dodge Ram 4500 Crew Chassis Cab 4x4 DRW incomplete
2	0.0	32113069	Dodge Ram 5500 Chassis Cab 4x4 DRW incomplete
1	0.0	32115055	Dodge Durango Hybrid 4D 4x4 Limited
5	0.0	32116000	Dodge Ram 1500 Quad PU 4x2
185	0.0	32117000	Dodge Ram 1500 Quad PU 4x2
9	0.0	32118000	Dodge Ram 1500 Crew PU 4x2
193	0.0	32119000	Dodge Ram 1500 Crew PU 4x4
4	0.0	33000000	Chry/Plym Truck Unknown Series Model
647	0.1	33017000	Chry/Plym Truck Voyager Van 2WD

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## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
153	0.0	33017004	Chry/Plym Truck Voyager Van 2WD SE
29	0.0	33017005	Chry/Plym Truck Voyager Van 2WD LE
98	0.0	33017009	Chry/Plym Truck Voyager Van 2WD LX
64	0.0	33017012	Chry/Plym Truck Voyager Van 2WD SE/Expresso
4	0.0	33017018	Chry/Plym Truck Voyager Van 2WD EC
99	0.0	33018000	Chry/Plym Truck Grand Voyager 2WD
307	0.1	33018004	Chry/Plym Truck Grand Voyager 2WD SE
69	0.0	33018005	Chry/Plym Truck Grand Voyager 2WD LE
34	0.0	33018008	Chry/Plym Truck Grand Voyager 2WD Base/SE
210	0.0	33018012	Chry/Plym Truck Grand Voyager 2WD SE/Expresso
173	0.0	33019000	Chry/Plym Truck Town & Country LWB 2WD
1100	0.2	33019009	Chry/Plym Truck Town & Country LWB 2WD LX
439	0.1	33019010	Chry/Plym Truck Town & Country LWB 2WD LXI
61	0.0	33019013	Chry/Plym Truck Town & Country LWB 2WD LX/LXI
485	0.1	33019014	Chry/Plym Truck Town & Country LWB 2WD Limited
32	0.0	33019016	Chry/Plym Truck Town & Country LWB 2WD EX
2701	0.6	33019017	Chry/Plym Truck Town & Country LWB 2WD Touring
15	0.0	33019019	Chry/Plym Truck Town & Country LWB 2WD EL
34	0.0	33019020	Chry/Plym Truck Town & Country LWB 2WD EX/Touring
1	0.0	33019023	Chrysler/Plymouth Truck Town & Country LWB 2WD Touring L
54	0.0	33019024	Chrysler/Plymouth Truck Town & Country LWB 2WD Touring Plus
2	0.0	33021004	Chry/Plym Truck Grand Voyager 4WD SE
1	0.0	33021005	Chry/Plym Truck Grand Voyager 4WD LE
10	0.0	33022000	Chry/Plym Truck Town & Country LWB 4WD
18	0.0	33022009	Chry/Plym Truck Town & Country LWB 4WD LX
44	0.0	33022010	Chry/Plym Truck Town & Country LWB 4WD LXI
2	0.0	33022013	Chry/Plym Truck Town & Country LWB 4WD LX/LXI
53	0.0	33022014	Chry/Plym Truck Town & Country LWB 4WD Limited
2	0.0	33022017	Chry/Plym Truck Town & Country LWB 4WD Touring
530	0.1	33023000	Chry/Plym Truck Town & Country SWB 2WD
10	0.0	33023009	Chry/Plym Truck Town & Country SWB 2WD LX
9	0.0	33023011	Chry/Plym Truck Town & Country SWB 2WD SX
965	0.2	33024000	Chry/Plym Truck PT Cruiser 4D
53	0.0	33024003	Chry/Plym Truck PT Cruiser 4D GT
310	0.1	33024014	Chry/Plym Truck PT Cruiser 4D Limited
600	0.1	33024017	Chry/Plym Truck PT Cruiser 4D Touring
193	0.0	33025000	Chry/Plym Truck Pacifica 4D 4WD
3	0.0	33025009	Chry/Plym Truck Pacifica 4D 4WD LX
27	0.0	33025014	Chry/Plym Truck Pacifica 4D 4WD Limited
205	0.0	33025017	Chry/Plym Truck Pacifica 4D 4WD Touring
318	0.1	33026000	Chry/Plym Truck Pacifica 4D 2WD
10	0.0	33026009	Chry/Plym Truck Pacifica 4D 2WD LX
4	0.0	33026014	Chry/Plym Truck Pacifica 4D 2WD Limited
459	0.1	33026017	Chry/Plym Truck Pacifica 4D 2WD Touring
7	0.0	33027014	Chry/Plym Truck Aspen 4D 4x2 Limited
188	0.0	33028014	Chry/Plym Truck Aspen 4D 4x4 Limited
1	0.0	33029014	Chry/Plym Truck Aspen Hybrid 4D 4x4 Limited
10	0.0	34000000	Jeep Unknown Series Model
9	0.0	34002006	Jeep Wagoneer/Grand Wagoneer 4D 4x4 Grand Wagoneer
1	0.0	34003000	Jeep J10 Short Pickup 4x4

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	34004000	Jeep Cherokee 2D 4x4
7	0.0	34007000	Jeep DJ5/CJ5 Roadster 2D 4x4
23	0.0	34008000	Jeep CJ-7 Roadster 2D 4x4
1	0.0	34009000	Jeep Scrambler Pickup 4x4
4	0.0	34010000	Jeep Wagoneer 4D 4x4
2	0.0	34010008	Jeep Wagoneer 4D 4x4 Limited
1	0.0	34012000	Jeep Comanche PU Long 4x2
1	0.0	34012007	Jeep Comanche PU Long 4x2 Custom
2	0.0	34013007	Jeep Comanche PU Long 4x4 Custom
69	0.0	34014000	Jeep Wrangler 2D SWB 4x4
4	0.0	34014009	Jeep Wrangler 2D SWB 4x4 Laredo
3	0.0	34014010	Jeep Wrangler 2D SWB 4x4 Islander
156	0.0	34014011	Jeep Wrangler 2D SWB 4x4 Sahara
3	0.0	34014014	Jeep Wrangler 2D SWB 4x4 Renegade
458	0.1	34014015	Jeep Wrangler 2D SWB 4x4 Sport
125	0.0	34014017	Jeep Wrangler 2D SWB 4x4 S
11	0.0	34014018	Jeep Wrangler 2D SWB 4x4 Base/Sport
7	0.0	34014019	Jeep Wrangler 2D SWB 4x4 Right Hand Drive
197	0.0	34014020	Jeep Wrangler 2D SWB 4x4 SE
232	0.0	34014028	Jeep Wrangler 2D SWB 4x4 X
55	0.0	34014032	Jeep Wrangler 2D SWB 4x4 Rubicon
8	0.0	34015000	Jeep Comanche PU Short 4x2
6	0.0	34015005	Jeep Comanche PU Short 4x2 Pioneer
2	0.0	34016000	Jeep Comanche PU Short 4x4
2	0.0	34016005	Jeep Comanche PU Short 4x4 Pioneer
4	0.0	34019000	Jeep Cherokee 2D 4x2
13	0.0	34019015	Jeep Cherokee 2D 4x2 Sport
13	0.0	34019020	Jeep Cherokee 2D 4x2 SE
3	0.0	34020000	Jeep Cherokee 4D 4x2
1	0.0	34020003	Jeep Cherokee 4D 4x2 Classic
1	0.0	34020004	Jeep Cherokee 4D 4x2 Classic/Limited
1	0.0	34020008	Jeep Cherokee 4D 4x2 Limited
6	0.0	34020009	Jeep Cherokee 4D 4x2 Laredo
35	0.0	34020015	Jeep Cherokee 4D 4x2 Sport
14	0.0	34020016	Jeep Cherokee 4D 4x2 Country
1	0.0	34020019	Jeep Cherokee 4D 4x2 Right Hand Drive
16	0.0	34020020	Jeep Cherokee 4D 4x2 SE
4	0.0	34020025	Jeep Cherokee 4D 4x2 Sport/Classic/Limited
2	0.0	34020027	Jeep Cherokee 4D 4x2 Sport/Classic
24	0.0	34021000	Jeep Cherokee 2D 4x4
1	0.0	34021008	Jeep Cherokee 2D 4x4 Limited
9	0.0	34021009	Jeep Cherokee 2D 4x4 Laredo
52	0.0	34021015	Jeep Cherokee 2D 4x4 Sport
1	0.0	34021016	Jeep Cherokee 2D 4x4 Country
25	0.0	34021020	Jeep Cherokee 2D 4x4 SE
10	0.0	34021027	Jeep Cherokee 2D 4x4 Sport/Classic
51	0.0	34022000	Jeep Cherokee 4D 4x4
49	0.0	34022003	Jeep Cherokee 4D 4x4 Classic
50	0.0	34022004	Jeep Cherokee 4D 4x4 Classic/Limited
12	0.0	34022005	Jeep Cherokee 4D 4x4 Pioneer
75	0.0	34022008	Jeep Cherokee 4D 4x4 Limited
76	0.0	34022009	Jeep Cherokee 4D 4x4 Laredo

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## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1161	0.2	34022015	Jeep Cherokee 4D 4x4 Sport
158	0.0	34022016	Jeep Cherokee 4D 4x4 Country
8	0.0	34022019	Jeep Cherokee 4D 4x4 Right Hand Drive
116	0.0	34022020	Jeep Cherokee 4D 4x4 SE
256	0.1	34022025	Jeep Cherokee 4D 4x4 Sport/Classic/Limited
396	0.1	34022027	Jeep Cherokee 4D 4x4 Sport/Classic
1	0.0	34023000	Jeep Grand Cherokee 4D 4x2
11	0.0	34023008	Jeep Grand Cherokee 4D 4x2 Limited
114	0.0	34023009	Jeep Grand Cherokee 4D 4x2 Laredo
1	0.0	34023020	Jeep Grand Cherokee 4D 4x2 SE
12	0.0	34023022	Jeep Grand Cherokee 4D 4x2 Laredo/TSI
3	0.0	34023026	Jeep Grand Cherokee 4D 4x2 Special Edition
2	0.0	34023029	Jeep Grand Cherokee 4D 4x2 Overland
1	0.0	34024000	Jeep Grand Cherokee 4D 4x4
1224	0.3	34024008	Jeep Grand Cherokee 4D 4x4 Limited
4237	0.9	34024009	Jeep Grand Cherokee 4D 4x4 Laredo
17	0.0	34024015	Jeep Grand Cherokee 4D 4x4 Sport
6	0.0	34024021	Jeep Grand Cherokee 4D 4x4 Base/Sport/Grand Wagoneer
410	0.1	34024022	Jeep Grand Cherokee 4D 4x4 Laredo/TSI
98	0.0	34024023	Jeep Grand Cherokee 4D 4x4 Limited/Orvis
14	0.0	34024024	Jeep Grand Cherokee 4D 4x4 5.9 Limited
92	0.0	34024026	Jeep Grand Cherokee 4D 4x4 Special Edition
84	0.0	34024029	Jeep Grand Cherokee 4D 4x4 Overland
17	0.0	34024031	Jeep Grand Cherokee 4D 4x4 SRT-8
11	0.0	34025008	Jeep Liberty 4D 4x2 Limited
1	0.0	34025014	Jeep Liberty 4D 4x2 Renegade
63	0.0	34025015	Jeep Liberty 4D 4x2 Sport
835	0.2	34026008	Jeep Liberty 4D 4x4 Limited
143	0.0	34026014	Jeep Liberty 4D 4x4 Renegade
2631	0.5	34026015	Jeep Liberty 4D 4x4 Sport
26	0.0	34027030	Jeep Wrangler 2D LWB 4x4 Unlimited
9	0.0	34027032	Jeep Wrangler 2D LWB 4x4 Rubicon
2	0.0	34028000	Jeep Commander 4D 4x2
4	0.0	34028008	Jeep Commander 4D 4x2 Limited
8	0.0	34028015	Jeep Commander 4D 4x2 Sport
230	0.0	34029000	Jeep Commander 4D 4x4
165	0.0	34029008	Jeep Commander 4D 4x4 Limited
643	0.1	34029015	Jeep Commander 4D 4x4 Sport
6	0.0	34029029	Jeep Commander 4D 4x4 Overland
32	0.0	34030008	Jeep Compass 4D 4WD Limited
126	0.0	34030015	Jeep Compass 4D 4WD Sport
21	0.0	34031008	Jeep Compass 4D 2WD Limited
133	0.0	34031015	Jeep Compass 4D 2WD Sport
26	0.0	34032008	Jeep Patriot 4D 2WD Limited
226	0.0	34032015	Jeep Patriot 4D 2WD Sport
1	0.0	34032039	Jeep Patriot 4D 2WD Latitude X
54	0.0	34033008	Jeep Patriot 4D 4WD Limited
210	0.0	34033015	Jeep Patriot 4D 4WD Sport
2	0.0	34034033	Jeep Wrangler 4D 4x2 Unlimited X
1	0.0	34035019	Jeep Wrangler 4D 4x4 Right Hand Drive
142	0.0	34035033	Jeep Wrangler 4D 4x4 Unlimited X
180	0.0	34035034	Jeep Wrangler 4D 4x4 Unlimited Sahara

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
47	0.0	34035035	Jeep Wrangler 4D 4x4 Unlimited Rubicon
32	0.0	34035036	Jeep Wrangler 4D 4x4 Unlimited Sport
7	0.0	35000000	International Unknown Series Model
1	0.0	35003001	International Scout II Traveltop 4x4
3	0.0	36000000	Mercedes Benz Unknown Series Model
3	0.0	36001000	Mercedes Benz 240 D 4D
1	0.0	36002000	Mercedes Benz 300 CD 2D
12	0.0	36003000	Mercedes Benz 300 D 4D
4	0.0	36003004	Mercedes Benz 300 D 4D 2.5L
4	0.0	36007001	Mercedes Benz 380 SL Conv Roadster
7	0.0	36010000	Mercedes Benz 300 SD 4D
1	0.0	36013006	Mercedes Benz 190 D 4D 2.5L Turbo
16	0.0	36014003	Mercedes Benz 190 E 4D 2.3L
9	0.0	36014005	Mercedes Benz 190 E 4D 2.6L
3	0.0	36015000	Mercedes Benz 500 SEL 4D
1	0.0	36016000	Mercedes Benz 500 SEC 2D
27	0.0	36017000	Mercedes Benz 300 E 4D 2WD
2	0.0	36017005	Mercedes Benz 300 E 4D 2WD 2.6L
3	0.0	36017008	Mercedes Benz 300 E 4D 2WD 2.8L
10	0.0	36018000	Mercedes Benz 420 SEL 4D
5	0.0	36019000	Mercedes Benz 560 SEL 4D
1	0.0	36020000	Mercedes Benz 560 SEC 2D
5	0.0	36021001	Mercedes Benz 560 SL Conv Roadster
1	0.0	36023000	Mercedes Benz 300 SDL 4D
7	0.0	36024000	Mercedes Benz 260 E 4D
2	0.0	36025000	Mercedes Benz 300 CE 2D
3	0.0	36026000	Mercedes Benz 300 TE SW 2WD
3	0.0	36027000	Mercedes Benz 300 SEL 4D
8	0.0	36028000	Mercedes Benz 300 SE 4D
1	0.0	36029001	Mercedes Benz 300 SL Conv Roadster
2	0.0	36030001	Mercedes Benz 500 SL Conv Roadster
3	0.0	36031000	Mercedes Benz 300 E 4D 4WD
1	0.0	36033000	Mercedes Benz 350 SDL 4D
9	0.0	36035000	Mercedes Benz 400 E 4D
4	0.0	36037000	Mercedes Benz 400 SE 4D
1	0.0	36038000	Mercedes Benz 600 SEL 4D
3	0.0	36040000	Mercedes Benz 400 SEL 4D
20	0.0	36042009	Mercedes Benz C Class 4D 2WD 220
41	0.0	36042010	Mercedes Benz C Class 4D 2WD 280
9	0.0	36042011	Mercedes Benz C Class 4D 2WD 320
64	0.0	36042018	Mercedes Benz C Class 4D 2WD 230
1	0.0	36042022	Mercedes Benz C Class 4D 2WD 43
27	0.0	36042026	Mercedes Benz C Class 4D 2WD 240
1	0.0	36042027	Mercedes Benz C Class 4D 2WD 32 AMG
2	0.0	36042033	Mercedes Benz C Class 4D 2WD 350
6	0.0	36042040	Mercedes Benz C Class 4D 2WD 300
104	0.0	36043011	Mercedes Benz E Class 4D 2WD 320
19	0.0	36043012	Mercedes Benz E Class 4D 2WD 420
9	0.0	36043013	Mercedes Benz E Class 4D 2WD 500
9	0.0	36043016	Mercedes Benz E Class 4D 2WD 300D
5	0.0	36043020	Mercedes Benz E Class 4D 2WD 300DT
18	0.0	36043021	Mercedes Benz E Class 4D 2WD 430

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
4	0.0	36043024	Mercedes Benz E Class 4D 2WD 55 AMG
4	0.0	36043031	Mercedes Benz E Class 4D 2WD 320CDI
26	0.0	36043033	Mercedes Benz E Class 4D 2WD 350
3	0.0	36043034	Mercedes Benz E Class 4D 2WD 550
2	0.0	36043037	Mercedes Benz E Class 4D 2WD 320 Bluetec
7	0.0	36046011	Mercedes Benz E Class SW 2WD 320
1	0.0	36046036	Mercedes Benz E Class SW 2WD 63 AMG
6	0.0	36047011	Mercedes Benz S Class LWB 4D 2WD 320
11	0.0	36047012	Mercedes Benz S Class LWB 4D 2WD 420
51	0.0	36047013	Mercedes Benz S Class LWB 4D 2WD 500
7	0.0	36047014	Mercedes Benz S Class LWB 4D 2WD 600
36	0.0	36047021	Mercedes Benz S Class LWB 4D 2WD 430
3	0.0	36047024	Mercedes Benz S Class LWB 4D 2WD 55 AMG
17	0.0	36047034	Mercedes Benz S Class LWB 4D 2WD 550
1	0.0	36047036	Mercedes Benz S Class LWB 4D 2WD 63 AMG
10	0.0	36048011	Mercedes Benz S Class SWB 4D 2WD 320
2	0.0	36048015	Mercedes Benz S Class SWB 4D 2WD 350TD
2	0.0	36049013	Mercedes Benz S Class 2D 2WD 500
1	0.0	36050011	Mercedes Benz SL Class Conv 320
28	0.0	36050013	Mercedes Benz SL Class Conv 500
3	0.0	36050014	Mercedes Benz SL Class Conv 600
2	0.0	36050024	Mercedes Benz SL Class Conv 55 AMG
6	0.0	36050034	Mercedes Benz SL Class Conv 550
4	0.0	36051010	Mercedes Benz SLK Class Conv 280
6	0.0	36051011	Mercedes Benz SLK Class Conv 320
16	0.0	36051018	Mercedes Benz SLK Class Conv 230
1	0.0	36051024	Mercedes Benz SLK Class Conv 55 AMG
5	0.0	36051033	Mercedes Benz SLK Class Conv 350
3	0.0	36051040	Mercedes Benz SLK Class Conv 300
31	0.0	36052011	Mercedes Benz E Class 4D 4WD 320
8	0.0	36052013	Mercedes Benz E Class 4D 4WD 500
4	0.0	36052021	Mercedes Benz E Class 4D 4WD 430
139	0.0	36052033	Mercedes Benz E Class 4D 4WD 350
4	0.0	36052034	Mercedes Benz E Class 4D 4WD 550
11	0.0	36053011	Mercedes Benz E Class SW 4WD 320
2	0.0	36053033	Mercedes Benz E Class SW 4WD 350
20	0.0	36054011	Mercedes Benz CLK Class 2D 320
1	0.0	36054013	Mercedes Benz CLK Class 2D 500
6	0.0	36054021	Mercedes Benz CLK Class 2D 430
5	0.0	36054033	Mercedes Benz CLK Class 2D 350
12	0.0	36055013	Mercedes Benz CL Class 2D 500
1	0.0	36055014	Mercedes Benz CL Class 2D 600
3	0.0	36055024	Mercedes Benz CL Class 2D 55 AMG
1	0.0	36055034	Mercedes Benz CL Class 2D 550
2	0.0	36055036	Mercedes Benz CL Class 2D 63 AMG
104	0.0	36056019	Mercedes Benz M Class 4D 4x4 ML320
27	0.0	36056023	Mercedes Benz M Class 4D 4x4 ML430
3	0.0	36056025	Mercedes Benz M Class 4D 4x4 ML55 AMG
28	0.0	36056028	Mercedes Benz M Class 4D 4x4 ML500
181	0.0	36056030	Mercedes Benz M Class 4D 4x4 ML350
5	0.0	36056031	Mercedes Benz M Class 4D 4x4 320 CDI
3	0.0	36056037	Mercedes Benz M Class 4D 4x4 320 Bluetec



Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	36056041	Mercedes Benz M Class 4D 4x4 ML550
11	0.0	36057011	Mercedes Benz CLK Class Conv 320
5	0.0	36057013	Mercedes Benz CLK Class Conv 500
8	0.0	36057021	Mercedes Benz CLK Class Conv 430
12	0.0	36057033	Mercedes Benz CLK Class Conv 350
1	0.0	36057034	Mercedes Benz CLK Class Conv 550
1	0.0	36058011	Mercedes Benz C Class SW 2WD 320
2	0.0	36059011	Mercedes Benz C Class 2D 2WD 320
14	0.0	36059018	Mercedes Benz C Class 2D 2WD 230
4	0.0	36060013	Mercedes Benz G Class 4D 4WD 500
2	0.0	36060029	Mercedes Benz G Class 4D 4WD G55 AMG
1	0.0	36061033	Mercedes Benz R Class 4D 2WD 350
1	0.0	36062034	Mercedes Benz CL Class 2D 4WD 550
23	0.0	36063010	Mercedes Benz C Class 4D 4WD 280
6	0.0	36063011	Mercedes Benz C Class 4D 4WD 320
21	0.0	36063026	Mercedes Benz C Class 4D 4WD 240
1	0.0	36063033	Mercedes Benz C Class 4D 4WD 350
78	0.0	36063040	Mercedes Benz C Class 4D 4WD 300
1	0.0	36064011	Mercedes Benz C Class SW 4WD 320
3	0.0	36064026	Mercedes Benz C Class SW 4WD 240
12	0.0	36065013	Mercedes Benz S Class LWB 4D 4WD 500
12	0.0	36065021	Mercedes Benz S Class LWB 4D 4WD 430
26	0.0	36065034	Mercedes Benz S Class LWB 4D 4WD 550
11	0.0	36067013	Mercedes Benz CLS Class 4D 500
1	0.0	36067024	Mercedes Benz CLS Class 4D 55 AMG
7	0.0	36067034	Mercedes Benz CLS Class 4D 550
1	0.0	36067036	Mercedes Benz CLS Class 4D 63 AMG
3	0.0	36068013	Mercedes Benz R Class 4D 4WD 500
6	0.0	36068031	Mercedes Benz R Class 4D 4WD 320 CDI
68	0.0	36068033	Mercedes Benz R Class 4D 4WD 350
7	0.0	36069031	Mercedes Benz GL Class 4D 4WD 320 CDI
6	0.0	36069034	Mercedes Benz GL Class 4D 4WD 550
43	0.0	36069035	Mercedes Benz GL Class 4D 4WD 450
26	0.0	36074033	Mercedes Benz GLK Class 4D 4WD 350
1	0.0	36076044	Mercedes-Benz M Class Hybrid 4D 4x4 ML450
3	0.0	36078000	Mercedes-Benz Sprinter 2500 CG Van
1	0.0	36903001	Mercedes Benz 450 SL 2D Roadster
1	0.0	37001000	BMW 320 I 2D
91	0.0	37002000	BMW 528 I 4D 2WD
1	0.0	37004000	BMW 733 I 4D
11	0.0	37005000	BMW 528 E 4D
17	0.0	37007000	BMW 318 I/318 IS 2D
7	0.0	37008000	BMW 325/325 E/325 ES 2D
18	0.0	37009000	BMW 535 I/535 IS 4D 2WD
1	0.0	37010000	BMW 635 CSI/L6 2D
6	0.0	37011000	BMW 735 I 4D
16	0.0	37012000	BMW 318 I 4D
2	0.0	37013000	BMW 325/325 E 4D
163	0.0	37016000	BMW 325 I 4D
1	0.0	37016005	BMW 325 I 4D SULEV
48	0.0	37017000	BMW 325 I/IS/CI 2D
2	0.0	37017005	BMW 325 I/IS/CI 2D SULEV

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
28	0.0	37018000	BMW 325 I/IS/CI Conv
3	0.0	37019000	BMW M6 2D
15	0.0	37020000	BMW M3/M3 CI 2D
12	0.0	37021000	BMW M5 4D
7	0.0	37022000	BMW 750 IL 4D
2	0.0	37023000	BMW 325 IX 2D 4WD
2	0.0	37024000	BMW 325 IX 4D 4WD
1	0.0	37025000	BMW 735 IL 4D
101	0.0	37026000	BMW 525 I 4D 2WD
6	0.0	37027000	BMW 318 I/IC Conv
9	0.0	37029000	BMW 525 IT SW 2WD
37	0.0	37030000	BMW 740 I 4D
62	0.0	37031000	BMW 740 IL 4D
56	0.0	37032000	BMW 530 I 4D 2WD
29	0.0	37034000	BMW 540 I 4D 2WD
11	0.0	37035000	BMW 318 TI 3D
1	0.0	37036000	BMW 840 CI 2D
24	0.0	37037000	BMW 328 IS/CI 2D
80	0.0	37038000	BMW 328 I 4D
7	0.0	37038012	BMW 328 I 4D SA
18	0.0	37039000	BMW 328 IC Conv
3	0.0	37040000	BMW Z3 Roadster 1.9 Conv
8	0.0	37041000	BMW M3 4D
6	0.0	37042000	BMW Z3 Roadster 2.8 Conv
11	0.0	37043000	BMW 323 IS/CI 2D
8	0.0	37044000	BMW 323 IC/CI Conv
11	0.0	37045000	BMW M3/M3 CI Conv
4	0.0	37046000	BMW M Roadster Conv
47	0.0	37048000	BMW 323 I 4D
7	0.0	37049000	BMW Z3 Roadster 2.3 Conv
1	0.0	37050000	BMW Z3 Coupe 2.8 2D
4	0.0	37051000	BMW 528 IT SW 2WD
2	0.0	37053000	BMW 323 I SW
45	0.0	37055002	BMW X5 4D 4WD 4.4I
90	0.0	37055003	BMW X5 4D 4WD 3.0I
3	0.0	37055004	BMW X5 4D 4WD 4.6IS
1	0.0	37055007	BMW X5 4D 4WD 4.8IS
31	0.0	37055008	BMW X5 4D 4WD 3.0SI
15	0.0	37055009	BMW X5 4D 4WD 4.8I
3	0.0	37055010	X5 4D 4WD XDrive 35I
28	0.0	37055013	BMW X5 4D 4WD XDrive
7	0.0	37055014	BMW X5 4D 4WD XDrive 35D
2	0.0	37055015	BMW X5 4D 4WD XDrive 48I
16	0.0	37056000	BMW 330 CI Conv
10	0.0	37057000	BMW 330 CI 2D
38	0.0	37058000	BMW 330 I 4D
3	0.0	37059000	BMW Z3 Roadster 3.0 Conv
32	0.0	37061000	BMW 745 I 4D
4	0.0	37062000	BMW 325 IT SW
25	0.0	37063000	BMW 745 LI 4D
58	0.0	37064000	BMW 325 XI 4D 4WD
7	0.0	37066000	BMW 325 XIT SW 4WD

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
37	0.0	37067000	BMW 330 XI 4D 4WD
1	0.0	37068000	BMW 760 LI 4D
12	0.0	37069003	BMW Z4 Roadster Conv 3.0I
2	0.0	37069006	BMW Z4 Roadster Conv 2.5I
5	0.0	37069008	BMW Z4 Roadster Conv 3.0SI
3	0.0	37069016	BMW Z4 Roadster Conv SDrive 35I
3	0.0	37069018	BMW Z4 Roadster Conv SDrive 30I
70	0.0	37070003	BMW X3 4D 4WD 3.0I
16	0.0	37070006	BMW X3 4D 4WD 2.5I
54	0.0	37070008	BMW X3 4D 4WD 3.0 SI
6	0.0	37070013	BMW X3 4D 4WD XDrive 30I
3	0.0	37071000	BMW 645 CI 2D
4	0.0	37072000	BMW 645 CI Conc
11	0.0	37073000	BMW 545 I 4D 2WD
21	0.0	37075000	BMW 750 LI 4D
28	0.0	37076000	BMW 525 XI 4D 4WD
30	0.0	37077000	BMW 530 XI 4D 4WD
7	0.0	37078000	BMW 530 XIT SW 4WD
9	0.0	37079000	BMW 750 I 4D
4	0.0	37080000	BMW 650 CI 2D
4	0.0	37081000	BMW 650 CI Conv
4	0.0	37082000	BMW 550 I 4D 2WD
5	0.0	37083000	BMW 128 I 2D
2	0.0	37084000	BMW Z4 M Coupe
8	0.0	37087000	BMW 328 XI 2D 4WD
3	0.0	37087005	BMW 328 XI 2D 4WD SULEV
80	0.0	37088000	BMW 328 XI 4D 4WD
4	0.0	37088005	BMW 328 XI 4D 4WD SULEV
7	0.0	37090000	BMW 328 I SW 4WD
10	0.0	37091000	BMW 325 I Conv
15	0.0	37092000	BMW 325 I 2D
12	0.0	37093000	BMW 325 I 4D
1	0.0	37093012	BMW 325 I 4D SA
17	0.0	37094000	BMW 325 XI 4D 4WD
3	0.0	37095000	BMW M6 Conv
31	0.0	37096000	BMW 528 XI 4D 4WD
19	0.0	37097000	BMW 535 XI 4D 4WD
2	0.0	37098000	BMW 535 XI SW 4WD
9	0.0	37099000	BMW 335 XI 2D 4WD
1	0.0	37100000	BMW 135 I 2D
2	0.0	37101010	BMW X6 4D 4WD XDrive 35I
2	0.0	37101011	BMW X6 4D 4WD XDrive 50I
3	0.0	37102000	BMW 128 I Conv
1	0.0	37104000	BMW 335 D 4D
7	0.0	37105000	BMW 750 LXI 4D 4WD
1	0.0	37106000	BMW 750 XI 4D 4WD
1	0.0	37117000	BMW X6 M 4D 4WD
1	0.0	37901000	BMW 530 I 4D
1	0.0	38009005	Renault/Eagle Encore 4D S
5	0.0	38016009	Renault/Eagle Premier 4D LX
3	0.0	38017000	Renault/Eagle Summit 4D
1	0.0	38017003	Renault/Eagle Summit 4D DL

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
2	0.0	38017009	Renault/Eagle Summit 4D LX
1	0.0	38017010	Renault/Eagle Summit 4D ES
1	0.0	38017012	Renault/Eagle Summit 4D Base/DL
17	0.0	38018000	Renault/Eagle Talon 2D 2WD
5	0.0	38018003	Renault/Eagle Talon 2D 2WD DL
6	0.0	38018010	Renault/Eagle Talon 2D 2WD ES
33	0.0	38018015	Renault/Eagle Talon 2D 2WD ESI
9	0.0	38018016	Renault/Eagle Talon 2D 2WD TSI Turbo
25	0.0	38019017	Renault/Eagle Talon 2D 4WD TSI Turbo AWD
1	0.0	38020003	Renault/Eagle Summit 2D DL
1	0.0	38020010	Renault/Eagle Summit 2D ES
2	0.0	38020015	Renault/Eagle Summit 2D ESI
4	0.0	38021003	Renault/Eagle Summit SW 2WD DL
7	0.0	38021009	Renault/Eagle Summit SW 2WD LX
3	0.0	38022013	Renault/Eagle Summit SW 4WD AWD
36	0.0	38023011	Renault/Eagle Vision 4D TSI
49	0.0	38023015	Renault/Eagle Vision 4D ESI
1	0.0	39000000	Saab Unknown Series Model
5	0.0	39001001	Saab 900 2D S
4	0.0	39001004	Saab 900 2D Base/S
1	0.0	39001012	Saab 900 2D SE
1	0.0	39001017	Saab 900 2D SE Turbo
1	0.0	39001018	Saab 900 2D S Turbo
1	0.0	39002000	Saab 900 4D
10	0.0	39002001	Saab 900 4D S
2	0.0	39002004	Saab 900 4D Base/S
2	0.0	39002011	Saab 900 4D S/SE
12	0.0	39002012	Saab 900 4D SE
2	0.0	39002017	Saab 900 4D SE Turbo
1	0.0	39003002	Saab 9000 4D Turbo
3	0.0	39003004	Saab 9000 4D Base/S
1	0.0	39003006	Saab 9000 4D CD/CDE
2	0.0	39003007	Saab 9000 4D CS/CSE
1	0.0	39003008	Saab 9000 4D CD Turbo/CDE Turbo
1	0.0	39003009	Saab 9000 4D CS Turbo/CSE Turbo
1	0.0	39003010	Saab 9000 4D CS Turbo/CSE Turbo/Aero
5	0.0	39003013	Saab 9000 4D CS
1	0.0	39003014	Saab 9000 4D CDE
6	0.0	39003015	Saab 9000 4D CSE
1	0.0	39003016	Saab 9000 4D Aero
10	0.0	39004001	Saab 900 Conv S
5	0.0	39004002	Saab 900 Conv Turbo
8	0.0	39004012	Saab 900 Conv SE
1	0.0	39004017	Saab 900 Conv SE Turbo
9	0.0	39005000	Saab 9-3 4D
13	0.0	39005001	Saab 9-3 4D S
26	0.0	39005012	Saab 9-3 4D SE
41	0.0	39005016	Saab 9-3 4D Aero
84	0.0	39005020	Saab 9-3 4D Linear
1	0.0	39005021	Saab 9-3 4D Viggen
20	0.0	39005022	Saab 9-3 4D ARC
5	0.0	39005023	Saab 9-3 4D Vector

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
193	0.0	39005024	Saab 9-3 4D 2.0T
1	0.0	39006000	Saab 9-3 2D
2	0.0	39006001	Saab 9-3 2D S
4	0.0	39007000	Saab 9-3 Conv
8	0.0	39007001	Saab 9-3 Conv S
23	0.0	39007012	Saab 9-3 Conv SE
9	0.0	39007016	Saab 9-3 Conv Aero
1	0.0	39007020	Saab 9-3 Conv Linear
3	0.0	39007022	Saab 9-3 Conv ARC
18	0.0	39007024	Saab 9-3 Conv 2.0T
14	0.0	39008000	Saab 9-5 4D
28	0.0	39008012	Saab 9-5 4D SE
26	0.0	39008016	Saab 9-5 4D Aero
16	0.0	39008020	Saab 9-5 4D Linear
12	0.0	39008022	Saab 9-5 4D ARC
11	0.0	39008025	Saab 9-5 4D 2.3T
5	0.0	39009000	Saab 9-5 SW
3	0.0	39009012	Saab 9-5 SW SE
3	0.0	39009016	Saab 9-5 SW Aero
4	0.0	39009020	Saab 9-5 SW Linear
4	0.0	39009026	Saab 9-5 SW 2.3T Sportcombi
1	0.0	39009027	Saab 9-5 SW Aero Sportcombi
14	0.0	39010000	Saab 9-2X Linear SW 4WD
185	0.0	39012000	Saab 9-7X 4D 4x4
1	0.0	39012016	Saab 9-7X 4D 4x4 Aero
9	0.0	39013000	Saab 9-2X Aero SW 4WD
1	0.0	39014027	Saab 9-3 SW 2WD Aero Sportcombi
13	0.0	39014028	Saab 9-3 SW 2WD 2.0T Sportcombi
1	0.0	39015029	Saab 9-3 4D 4WD Turbo X
1	0.0	39016030	Saab 9-3 SW 4WD Turbo X Sportcombi
1	0.0	39020016	Saab 9-4X 4D 4WD Aero
1	0.0	41001002	Triumph TR7 2D Sports Open
1	0.0	42030000	Ferrari F430 2D
1	0.0	42031000	Ferrari F430 Spider Conv
30	0.0	44001000	Jaguar XJ6 4D
8	0.0	44001001	Jaguar XJ6 4D VDP
4	0.0	44001004	Jaguar XJ6 4D Sovereign
1	0.0	44002000	Jaguar XJ-S 2D
11	0.0	44008000	Jaguar XJR 4D
31	0.0	44009000	Jaguar XJ VDP 4D
2	0.0	44010000	Jaguar XJ12 LWB 4D
5	0.0	44011000	Jaguar XJ16 LWB 4D
4	0.0	44012000	Jaguar XK8 2D
13	0.0	44013000	Jaguar XK8 Conv
43	0.0	44014000	Jaguar XJ8 SWB 4D
1	0.0	44014012	Jaguar XJ8 SWB 4D Sport
13	0.0	44015000	Jaguar XJ8 LWB 4D
100	0.0	44016006	Jaguar S-Type 4D 3.0 V6
34	0.0	44016007	Jaguar S-Type 4D 4.0 V8
1	0.0	44016009	Jaguar S-Type 4D 4.2 V8 R
10	0.0	44016011	Jaguar S-Type 4D 3.0 V6 Sport
3	0.0	44016013	Jaguar S-Type 4D 4.0 V8 Sport

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
11	0.0	44016014	Jaguar S-Type 4D 4.2 V8
3	0.0	44017000	Jaguar XKR 2D
4	0.0	44018000	Jaguar XKR Conv
75	0.0	44019006	Jaguar X-Type 4D 4WD 3.0 V6
95	0.0	44019008	Jaguar X-Type 4D 4WD 2.5 V6
11	0.0	44019010	Jaguar X-Type 4D 4WD 2.5 V6 Sport
10	0.0	44019011	Jaguar X-Type 4D 4WD 3.0 V6 Sport
33	0.0	44019017	Jaguar X-Type 4D 4WD 3.0 V6 ULEV
2	0.0	44021000	Jaguar XK 2D
5	0.0	44022000	Jaguar XJ VDP LWB 4D
1	0.0	44023006	Jaguar X-Type Sportwagon 4WD 3.0 V6
1	0.0	44023017	Jaguar X-Type Sportwagon 4WD 3.0 V6 ULEV
1	0.0	44024000	Jaguar XK Conv
2	0.0	44025000	Jaguar XF 4D
1	0.0	44025005	Jaguar XF 4D Supercharged
9	0.0	44025018	Jaguar XF 4D Luxury
6	0.0	44025019	Jaguar XF 4D Premium Luxury
2	0.0	44025020	Jaguar XF 4D Premium
4	0.0	45004010	Alfa Romeo 164 4D L
1	0.0	47016000	Bentley Arnage LWB 4D
5	0.0	47017000	Bentley Continental GT 2D 4WD
1	0.0	48011000	Aston Martin V8 Vantage 2D
1	0.0	50003000	Avanti Avanti 4D
3	0.0	51000000	Mitsubishi Unknown Series Model
1	0.0	51004001	Mitsubishi Pickup STD 4x2 Mighty Max (Economy)
1	0.0	51005005	Mitsubishi Pickup STD 4x4 Premium (SPX)
4	0.0	51007000	Mitsubishi Galant 4D 2WD
1	0.0	51007012	Mitsubishi Galant 4D 2WD LS/GS
5	0.0	51007013	Mitsubishi Galant 4D 2WD LS
15	0.0	51007031	Mitsubishi Galant 4D 2WD S
22	0.0	51007032	Mitsubishi Galant 4D 2WD ES
69	0.0	51007033	Mitsubishi Galant 4D 2WD ES/LS
10	0.0	51007034	Mitsubishi Galant 4D 2WD GS/ES/LS
20	0.0	51007037	Mitsubishi Galant 4D 2WD DE
197	0.0	51007039	Mitsubishi Galant 4D 2WD ES/GTZ
8	0.0	51007046	Mitsubishi Galant 4D 2WD GTS
70	0.0	51007048	Mitsubishi Galant 4D 2WD ES/GTZ/LS
1	0.0	51007052	Mitsubishi Galant 4D 2WD LS Premium
1	0.0	51007053	Mitsubishi Galant 4D 2WD Ralliart
19	0.0	51007062	Mitsubishi Galant 4D 2WD ES/SE/GTS
3	0.0	51007067	Mitsubishi Galant 4D 2WD Sport V6
22	0.0	51007069	Mitsubishi Galant 4D 2WD ES Sport
3	0.0	51007070	Mitsubishi Galant 4D 2WD ES/SE
13	0.0	51007071	Mitsubishi Galant 4D 2WD FE
6	0.0	51008013	Mitsubishi Mirage 2D LS
2	0.0	51008031	Mitsubishi Mirage 2D S
2	0.0	51008032	Mitsubishi Mirage 2D ES
13	0.0	51008037	Mitsubishi Mirage 2D DE
1	0.0	51009013	Mitsubishi Mirage 4D LS
1	0.0	51009031	Mitsubishi Mirage 4D S
15	0.0	51009032	Mitsubishi Mirage 4D ES
32	0.0	51009037	Mitsubishi Mirage 4D DE

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
3	0.0	51014013	Mitsubishi Montero Sport 4D 4x2 LS
4	0.0	51014032	Mitsubishi Montero Sport 4D 4x2 ES
4	0.0	51014033	Mitsubishi Montero Sport 4D 4x2 ES/LS
2	0.0	51014038	Mitsubishi Montero Sport 4D 4x2 XLS
6	0.0	51014040	Mitsubishi Montero Sport 4D 4x2 LS/XLS
2	0.0	51014041	Mitsubishi Montero Sport 4D 4x2 Limited
1	0.0	51014044	Mitsubishi Montero Sport 4D 4x2 XS/XLS
9	0.0	51015013	Mitsubishi Montero Sport 4D 4x4 LS
18	0.0	51015033	Mitsubishi Montero Sport 4D 4x4 ES/LS
11	0.0	51015038	Mitsubishi Montero Sport 4D 4x4 XLS
14	0.0	51015040	Mitsubishi Montero Sport 4D 4x4 LS/XLS
10	0.0	51015041	Mitsubishi Montero Sport 4D 4x4 Limited
8	0.0	51015044	Mitsubishi Montero Sport 4D 4x4 XS/XLS
1	0.0	51021008	Mitsubishi Montero 4D 4x4 Sport
8	0.0	51021013	Mitsubishi Montero 4D 4x4 LS
1	0.0	51021027	Mitsubishi Montero 4D 4x4 Base/RS
8	0.0	51021030	Mitsubishi Montero 4D 4x4 SR
10	0.0	51021038	Mitsubishi Montero 4D 4x4 XLS
19	0.0	51021041	Mitsubishi Montero 4D 4x4 Limited
6	0.0	51022000	Mitsubishi Eclipse 2D 2WD
58	0.0	51022014	Mitsubishi Eclipse 2D 2WD RS
156	0.0	51022015	Mitsubishi Eclipse 2D 2WD GS
5	0.0	51022023	Mitsubishi Eclipse 2D 2WD GS Turbo
102	0.0	51022042	Mitsubishi Eclipse 2D 2WD GT
25	0.0	51022046	Mitsubishi Eclipse 2D 2WD GTS
4	0.0	51022059	Mitsubishi Eclipse 2D 2WD SE
2	0.0	51023024	Mitsubishi Eclipse 2D 4WD GSX Turbo
1	0.0	51025022	Mitsubishi Galant 4D 4WD GSX/VR-4
13	0.0	51026000	Mitsubishi 3000GT 2D 2WD
12	0.0	51026026	Mitsubishi 3000GT 2D 2WD SL
3	0.0	51027025	Mitsubishi 3000GT 4D 4WD VR-4
4	0.0	51028000	Mitsubishi Diamante 4D
42	0.0	51028013	Mitsubishi Diamante 4D LS
11	0.0	51028032	Mitsubishi Diamante 4D ES
3	0.0	51028049	Mitsubishi Diamante 4D VR-X
1	0.0	51029000	Mitsubishi Expo SW 2WD
4	0.0	51031000	Mitsubishi Expo LRV SW 2WD
1	0.0	51031008	Mitsubishi Expo LRV SW 2WD Sport
1	0.0	51033000	Mitsubishi Diamante SW
54	0.0	51036035	Mitsubishi Eclipse Conv 2WD Spyder GS
3	0.0	51036036	Mitsubishi Eclipse Conv 2WD Spyder GS-T
19	0.0	51036043	Mitsubishi Eclipse Conv 2WD Spyder GT
12	0.0	51036047	Mitsubishi Eclipse Conv 2WD Spyder GTS
1	0.0	51036050	Mitsubishi Eclipse Conv 2WD Spyder
6	0.0	51036054	Mitsubishi Eclipse Conv 2WD GT Premium
11	0.0	51037013	Mitsubishi Lancer 4D LS
89	0.0	51037032	Mitsubishi Lancer 4D ES
6	0.0	51037037	Mitsubishi Lancer 4D DE
36	0.0	51037045	Mitsubishi Lancer 4D Oz-Rally
13	0.0	51037046	Mitsubishi Lancer 4D GTS
11	0.0	51037053	Mitsubishi Lancer 4D Ralliart
8	0.0	51037068	Mitsubishi Lancer 4D ES/ES Sport

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
13	0.0	51038013	Mitsubishi Outlander 4D 2WD LS
6	0.0	51038033	Mitsubishi Outlander 4D 2WD ES/LS
4	0.0	51038038	Mitsubishi Outlander 4D 2WD XLS
1	0.0	51038059	Mitsubishi Outlander 4D 2WD SE
18	0.0	51039013	Mitsubishi Outlander 4D 4WD LS
2	0.0	51039032	Mitsubishi Outlander 4D 4WD ES
2	0.0	51039033	Mitsubishi Outlander 4D 4WD ES/LS
32	0.0	51039038	Mitsubishi Outlander 4D 4WD XLS
1	0.0	51039041	Mitsubishi Outlander 4D 4WD Limited
10	0.0	51039059	Mitsubishi Outlander 4D 4WD SE
4	0.0	51040000	Mitsubishi Lancer Evolution 4D 4WD
4	0.0	51040056	Mitsubishi Lancer Evolution 4D 4WD MR
7	0.0	51040061	Mitsubishi Lancer Evolution 4D 4WD GSR/MR
3	0.0	51040064	Mitsubishi Lancer Evolution 4D 4WD GSR
10	0.0	51041013	Mitsubishi Endeavor 4D 2WD LS
3	0.0	51041038	Mitsubishi Endeavor 4D 2WD XLS
1	0.0	51041041	Mitsubishi Endeavor 4D 2WD Limited
15	0.0	51042013	Mitsubishi Endeavor 4D 4WD LS
13	0.0	51042038	Mitsubishi Endeavor 4D 4WD XLS
9	0.0	51042041	Mitsubishi Endeavor 4D 4WD Limited
5	0.0	51042059	Mitsubishi Endeavor 4D 4WD SE
3	0.0	51043013	Mitsubishi Lancer SW LS
2	0.0	51043053	Mitsubishi Lancer SW Ralliart
1	0.0	51045058	Mitsubishi Raider Ext Cab PU 4x4 Durocross
3	0.0	51046013	Mitsubishi Raider Dbl Cab PU 4x2 LS
3	0.0	51047058	Mitsubishi Raider Dbl Cab PU 4x4 Durocross
2	0.0	51048053	Mitsubishi Lancer 4D 4WD Ralliart
2	0.0	52004000	Lotus Elise Conv
5	0.0	54000000	Hyundai Unknown Series Model
2	0.0	54001001	Hyundai Excel 4D GL
2	0.0	54002006	Hyundai Excel 2D L
146	0.0	54003000	Hyundai Sonata 4D
51	0.0	54003001	Hyundai Sonata 4D GL
388	0.1	54003002	Hyundai Sonata 4D GLS
15	0.0	54003010	Hyundai Sonata 4D Base/GL
311	0.1	54003014	Hyundai Sonata 4D GLS/LX
121	0.0	54003025	Hyundai Sonata 4D SE/Limited
13	0.0	54005000	Hyundai Elantra 4D
36	0.0	54005001	Hyundai Elantra 4D GL
290	0.1	54005002	Hyundai Elantra 4D GLS
50	0.0	54005013	Hyundai Elantra 4D GT Hatchback
287	0.1	54005017	Hyundai Elantra 4D GLS/GT
23	0.0	54005018	Hyundai Elantra 4D GLS/GT Hatchback
38	0.0	54005020	Hyundai Elantra 4D GLS/GT/Limited
13	0.0	54005021	Hyundai Elantra 4D GLS/GT/Limited Hatchback
47	0.0	54005024	Hyundai Elantra 4D GLS/SE/Limited
123	0.0	54005028	Hyundai Elantra 4D GLS/SE
86	0.0	54005036	Hyundai Elantra 4D Blue/GLS/SE
9	0.0	54006000	Hyundai Accent 2D
9	0.0	54006001	Hyundai Accent 2D GL
64	0.0	54006004	Hyundai Accent 2D GS
42	0.0	54006006	Hyundai Accent 2D L



Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
7	0.0	54006008	Hyundai Accent 2D Base/L
2	0.0	54006009	Hyundai Accent 2D GS/GT
4	0.0	54006012	Hyundai Accent 2D GS/GSI
2	0.0	54006016	Hyundai Accent 2D GL/GT
12	0.0	54006017	Hyundai Accent 2D GLS/GT
8	0.0	54006027	Hyundai Accent 2D SE
12	0.0	54006033	Hyundai Accent 2D Blue/GS
7	0.0	54007000	Hyundai Accent 4D
143	0.0	54007001	Hyundai Accent 4D GL
138	0.0	54007002	Hyundai Accent 4D GLS
1	0.0	54008000	Hyundai Elantra SW
1	0.0	54008001	Hyundai Elantra SW GL
8	0.0	54008002	Hyundai Elantra SW GLS
3	0.0	54008031	Hyundai Elantra SW Touring
4	0.0	54008034	Hyundai Elantra SW Touring GLS
5	0.0	54008035	Hyundai Elantra SW Touring GLS/Touring SE
56	0.0	54009000	Hyundai Tiburon 2D
25	0.0	54009004	Hyundai Tiburon 2D GS
8	0.0	54009011	Hyundai Tiburon 2D FX
59	0.0	54009015	Hyundai Tiburon 2D GT V6
4	0.0	54009019	Hyundai Tiburon 2D GT/SE
19	0.0	54009026	Hyundai Tiburon 2D GT/SE/GT Limited
47	0.0	54010000	Hyundai Santa Fe 4D 2WD/4WD
22	0.0	54011000	Hyundai XG300 4D
73	0.0	54012000	Hyundai XG350 4D
35	0.0	54013002	Hyundai Santa Fe 4D 4WD GLS
161	0.0	54013014	Hyundai Santa Fe 4D 4WD GLS/LX
8	0.0	54013022	Hyundai Santa Fe 4D 4WD GLS/Limited
39	0.0	54013025	Hyundai Santa Fe 4D 4WD SE/Limited
2	0.0	54013027	Hyundai Santa Fe 4D 4WD SE
49	0.0	54014000	Hyundai Santa Fe 4D 2WD
46	0.0	54014002	Hyundai Santa Fe 4D 2WD GLS
83	0.0	54014014	Hyundai Santa Fe 4D 2WD GLS/LX
8	0.0	54014022	Hyundai Santa Fe 4D 2WD GLS/Limited
55	0.0	54014025	Hyundai Santa Fe 4D 2WD SE/Limited
5	0.0	54014027	Hyundai Santa Fe 4D 2WD SE
3	0.0	54014037	Hyundai Santa Fe 4D 2WD Limited
20	0.0	54015001	Hyundai Tuscon 4D 2WD GL
15	0.0	54015002	Hyundai Tuscon 4D 2WD GLS
7	0.0	54015014	Hyundai Tuscon 4D 2WD GLS/LX
20	0.0	54015022	Hyundai Tuscon 4D 2WD GLS/Limited
9	0.0	54015025	Hyundai Tuscon 4D 2WD SE/Limited
1	0.0	54016002	Hyundai Tuscon 4D 4WD GLS
18	0.0	54016014	Hyundai Tuscon 4D 4WD GLS/LX
18	0.0	54016022	Hyundai Tuscon 4D 4WD GLS/Limited
11	0.0	54016025	Hyundai Tuscon 4D 4WD SE/Limited
12	0.0	54017022	Hyundai Azera 4D GLS/Limited
17	0.0	54017024	Hyundai Azera 4D GLS/SE/Limited
12	0.0	54017025	Hyundai Azera 4D SE/Limited
6	0.0	54018022	Hyundai Entourage Van GLS/Limited
22	0.0	54018024	Hyundai Entourage Van GLS/SE/Limited
11	0.0	54019024	Hyundai Veracruz 4D 2WD GLS/SE/Limited

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	54020022	Hyundai Veracruz 4D 4WD GLS/Limited
4	0.0	54020024	Hyundai Veracruz 4D 4WD GLS/SE/Limited
13	0.0	54021029	Hyundai Genesis 4D 3.8L/4.6L
6	0.0	54022030	Hyundai Genesis 2D 2.0
8	0.0	55003001	Suzuki Samurai 2D 4x4 Convertible
1	0.0	55004002	Suzuki Samurai Van 2D 4x4 Hardtop
4	0.0	55007000	Suzuki Swift 2D
2	0.0	55007003	Suzuki Swift 2D GA
2	0.0	55012001	Suzuki Sidekick 2D 4x2 Convertible
7	0.0	55013001	Suzuki Sidekick 2D 4x4 Convertible
18	0.0	55014002	Suzuki Sidekick 4D 4x4 Hardtop
16	0.0	55014005	Suzuki Sidekick 4D 4x4 Sport
2	0.0	55015002	Suzuki Sidekick 4D 4x2 Hardtop
2	0.0	55015005	Suzuki Sidekick 4D 4x2 Sport
32	0.0	55016000	Suzuki Esteem 4D
1	0.0	55017006	Suzuki X-90 2D 2WD T-Bar Top
8	0.0	55018006	Suzuki X-90 2D 4WD T-Bar Top
16	0.0	55019000	Suzuki Esteem SW
3	0.0	55020001	Suzuki Vitara 2D 4x2 Convertible
3	0.0	55021001	Suzuki Vitara 2D 4x4 Convertible
2	0.0	55022002	Suzuki Vitara 4D 4x2 Hardtop
18	0.0	55023002	Suzuki Vitara 4D 4x4 Hardtop
15	0.0	55024002	Suzuki Grand Vitara 4D 4x2 Hardtop
105	0.0	55025002	Suzuki Grand Vitara 4D 4x4 Hardtop
6	0.0	55026002	Suzuki Gr Vitara XL-7 4D 4x2 Hardtop
76	0.0	55027002	Suzuki Gr Vitara XL-7 4D 4x4 Hardtop
24	0.0	55028000	Suzuki Aerio 4D 2WD
1	0.0	55028011	Suzuki Aerio 4D 2WD LX
1	0.0	55028012	Suzuki Aerio 4D 2WD Premium
5	0.0	55029000	Suzuki Aerio 4D 4WD
1	0.0	55029012	Suzuki Aerio 4D 4WD Premium
18	0.0	55030000	Suzuki Aerio SX SW 2WD
1	0.0	55030012	Suzuki Aerio SX SW 2WD Premium
9	0.0	55031000	Suzuki Aerio SX SW 4WD
1	0.0	55031012	Suzuki Aerio SX SW 4WD Premium
48	0.0	55032000	Suzuki Forenza 4D
40	0.0	55032009	Suzuki Forenza 4D S
6	0.0	55032010	Suzuki Forenza 4D LX/EX
1	0.0	55032012	Suzuki Forenza 4D Premium
2	0.0	55033000	Suzuki Verona 4D
12	0.0	55033007	Suzuki Verona 4D S/LX
10	0.0	55033008	Suzuki Verona 4D EX
1	0.0	55033013	Suzuki Verona 4D Luxury
17	0.0	55034000	Suzuki Reno 5D
2	0.0	55034009	Suzuki Reno 5D S
5	0.0	55034010	Suzuki Reno 5D LX/EX
3	0.0	55035000	Suzuki Forenza SW
4	0.0	55035009	Suzuki Forenza SW S
1	0.0	55035012	Suzuki Forenza SW Premium
5	0.0	55036000	Suzuki SX4 SW 2WD
1	0.0	55036005	Suzuki SX4 SW 2WD Sport
17	0.0	55037000	Suzuki SX4 SW 4WD

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	55037005	Suzuki SX4 SW 4WD Sport
13	0.0	55037015	Suzuki SX4 SW 4WD Touring
3	0.0	55038000	Suzuki XL7 4D 2WD
1	0.0	55038012	Suzuki XL7 4D 2WD Premium
1	0.0	55038013	Suzuki XL7 4D 2WD Luxury
1	0.0	55038014	Suzuki XL7 4D 2WD Limited
7	0.0	55039000	Suzuki XL7 4D 4WD
5	0.0	55039013	Suzuki XL7 4D 4WD Luxury
2	0.0	55039014	Suzuki XL7 4D 4WD Limited
5	0.0	55040000	Suzuki SX4 4D 2WD
6	0.0	55040015	Suzuki SX4 4D 2WD Touring
1	0.0	55040021	Suzuki SX4 4D 2WD LE
1	0.0	55041000	Suzuki Equator PU King C 4x2
1	0.0	55048032	Suzuki Kizashi 4D 4WD Sport GTS
2	0.0	56002000	Maserati Quattroporte 4D
1	0.0	56007000	Maserati GranTurismo 2D
1	0.0	57000000	Acura Unknown Series Model
4	0.0	57001000	Acura Legend 4D
18	0.0	57001002	Acura Legend 4D LS
27	0.0	57001006	Acura Legend 4D L
2	0.0	57001007	Acura Legend 4D GS
1	0.0	57001011	Acura Legend 4D SE
16	0.0	57002001	Acura Integra 2D RS
61	0.0	57002002	Acura Integra 2D LS
9	0.0	57002005	Acura Integra 2D LS Special
16	0.0	57002007	Acura Integra 2D GS
12	0.0	57002009	Acura Integra 2D GS-R
2	0.0	57003001	Acura Integra 4D RS
22	0.0	57003002	Acura Integra 4D LS
4	0.0	57003005	Acura Integra 4D LS Special
9	0.0	57003007	Acura Integra 4D GS
1	0.0	57003009	Acura Integra 4D GS-R
6	0.0	57004002	Acura Legend 2D LS
7	0.0	57004006	Acura Legend 2D L
2	0.0	57005000	Acura NSX 2D
1	0.0	57005008	Acura NSX 2D EPS
7	0.0	57006007	Acura Vigor 4D GS
1	0.0	57007000	Acura 2.5 TL 4D
13	0.0	57007012	Acura 2.5 TL 4D Premium
269	0.1	57008000	Acura 3.2 TL 4D
8	0.0	57008012	Acura 3.2 TL 4D Premium
23	0.0	57008015	Acura 3.2 TL 4D NAVI
25	0.0	57008016	Acura 3.2 TL 4D Type-S
8	0.0	57008017	Acura 3.2 TL 4D Type-S with NAVI
1	0.0	57009000	Acura SLX 4D 4x4
32	0.0	57010000	Acura 3.5 RL 4D
18	0.0	57010012	Acura 3.5 RL 4D Premium
10	0.0	57010015	Acura 3.5 RL 4D NAVI
4	0.0	57011000	Acura 2.2 CL 2D
8	0.0	57011012	Acura 2.2 CL 2D Premium
5	0.0	57012000	Acura 3.0 CL 2D
14	0.0	57012012	Acura 3.0 CL 2D Premium

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	57014000	Acura 2.3 CL 2D
10	0.0	57014012	Acura 2.3 CL 2D Premium
7	0.0	57015012	Acura 3.2 CL 2D Premium
12	0.0	57015016	Acura 3.2 CL 2D Type-S
5	0.0	57015017	Acura 3.2 CL 2D Type-S with NAVI
2	0.0	57015018	Acura 3.2 CL 2D Premium with NAVI
24	0.0	57016012	Acura MDX 4D 4WD Premium
3	0.0	57016014	Acura MDX 4D 4WD Sport
14	0.0	57016018	Acura MDX 4D 4WD Premium with NAVI
51	0.0	57016019	Acura MDX 4D 4WD STD
2	0.0	57016020	Acura MDX 4D 4WD STD with NAVI
25	0.0	57016022	Acura MDX 4D 4WD Touring
8	0.0	57016023	Acura MDX 4D 4WD Touring with RES
17	0.0	57016024	Acura MDX 4D 4WD Touring with NAVI
24	0.0	57016025	Acura MDX 4D 4WD Touring with NAVI + RES
34	0.0	57016026	Acura MDX 4D 4WD Technology Package
1	0.0	57016027	Acura MDX 4D 4WD Technology Package + Res
1	0.0	57016028	Acura MDX 4D 4WD Advance
1	0.0	57016029	Acura MDX 4D 4WD Advance + Res
25	0.0	57017000	Acura RSX 2D
27	0.0	57017016	Acura RSX 2D Type-S
79	0.0	57018000	Acura TSX 4D
27	0.0	57018015	Acura TSX 4D NAVI
27	0.0	57019000	Acura 3.5 RL 4D 4WD
4	0.0	57019026	Acura 3.5 RL 4D 4WD Technology Package
16	0.0	57020000	Acura RDX 4D 4WD
12	0.0	57020026	Acura RDX 4D 4WD Technology Package
11	0.0	57021016	Acura 3.5 TL 4D Type-S
5	0.0	57022000	Acura TL 4D 2WD
14	0.0	57022026	Acura TL 4D 2WD Technology Package
5	0.0	57023026	Acura TL 4D 4WD Technology Package
1	0.0	57024000	Acura RDX 4D 2WD
2	0.0	57025028	Acura ZDX 4D 4WD Advance
1	0.0	60000000	Land Rover Unknown Series Model
1	0.0	60001000	Land Rover Range Rover 4D SWB 4x4
4	0.0	60002000	Land Rover Range Rover 4D LWB 4x4
35	0.0	60005000	Land Rover Discovery 4D 4x4
6	0.0	60006001	Land Rover Range Rover 4.0 4D 4x4 SE
1	0.0	60007001	Land Rover Range Rover 4.6 4D 4x4 SE
10	0.0	60007002	Land Rover Range Rover 4.6 4D 4x4 HSE
31	0.0	60008000	Land Rover Discovery Series II 4D 4x4
54	0.0	60008001	Land Rover Discovery Series II 4D 4x4 SE
2	0.0	60008002	Land Rover Discovery Series II 4D 4x4 HSE
8	0.0	60008006	Land Rover Discovery Series II 4D 4x4 SD
14	0.0	60008008	Land Rover Discovery Series II 4D 4x4 S
20	0.0	60009001	Land Rover Freelander 4D 4x4 SE
4	0.0	60009002	Land Rover Freelander 4D 4x4 HSE
19	0.0	60009008	Land Rover Freelander 4D 4x4 S
82	0.0	60011002	Land Rover Range Rover 4D 4x4 HSE
1	0.0	60011011	Land Rover Range Rover 4D 4x4 Supercharged 4.2
11	0.0	60011015	Land Rover Range Rover 4D 4x4 HSE-LUX
6	0.0	60012000	Land Rover LR3 4D 4x4

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
51	0.0	60012001	Land Rover LR3 4D 4x4 SE
1	0.0	60012002	Land Rover LR3 4D 4x4 HSE
40	0.0	60013002	Land Rover Range Rover Sport 4D 4x4 HSE
9	0.0	60013011	Land Rover Range Rover Sport 4D 4X4 Supercharged
5	0.0	60013015	Land Rover Range Rover Sport 4D 4x4 HSE+LUX
5	0.0	60014001	Land Rover LR2 4D 4x4 SE
14	0.0	60014002	Land Rover LR2 4D 4x4 HSE
1	0.0	60014010	Land Rover LR2 4D 4x4 SE + Tech Package
3	0.0	60014012	Land Rover LR2 4D 4x4 HSE + Tech Package
1	0.0	60015023	Land Rover LR4 4D 4x4 HSE 7 Seat
1	0.0	60015025	Land Rover LR4 4D 4x4 HSE+LUX 7 Seat
2	0.0	60015027	Land Rover LR4 4D 4x4 HSE+ 7 Seat
1	0.0	61003005	Daihatsu Rocky Hard Top SE
1	0.0	63005000	Lamborghini Murcielago Coupe (HT) 2D 4WD
1	0.0	64001000	Laforza Laforza SW 4WD
2	0.0	65000000	Lexus Unknown Series Model
105	0.0	65001000	Lexus LS 400 4D
3	0.0	65002000	Lexus ES 250 4D
10	0.0	65003000	Lexus SC 400 2D
7	0.0	65004000	Lexus SC 300 2D
364	0.1	65005000	Lexus ES 300 4D
66	0.0	65006000	Lexus GS 300 4D
6	0.0	65007000	Lexus LX 450 4D 4x4
7	0.0	65008000	Lexus GS 400 4D
43	0.0	65009000	Lexus LX 470 4D 4x4
15	0.0	65010000	Lexus RX 300 4D 2WD
246	0.1	65011000	Lexus RX 300 4D 4WD
41	0.0	65012000	Lexus IS 300 4D
69	0.0	65013000	Lexus LS 430 4D
9	0.0	65014000	Lexus GS 430 4D
22	0.0	65015000	Lexus SC 430 Conv
1	0.0	65016000	Lexus IS 300 Sportcross SW
113	0.0	65017000	Lexus GX 470 4D 4x4
9	0.0	65018000	Lexus RX 330 4D 2WD
173	0.0	65019000	Lexus RX 330 4D 4WD
43	0.0	65021000	Lexus RX 400H Hybrid 4D 4WD
113	0.0	65022000	Lexus ES 330 4D
24	0.0	65023000	Lexus GS 300 4D 4WD
10	0.0	65024000	Lexus IS 250 4D 2WD
83	0.0	65025000	Lexus IS 250 4D 4WD
6	0.0	65026000	Lexus IS 350 4D 2WD
19	0.0	65027000	Lexus LS 460 4D
151	0.0	65028000	Lexus ES 350 4D
4	0.0	65029000	Lexus RX 350 4D 2WD
205	0.0	65030000	Lexus RX 350 4D 4WD
1	0.0	65031000	Lexus GS 450H Hybrid 4D 2WD
20	0.0	65033000	Lexus GS 350 4D 4WD
2	0.0	65034000	Lexus LS 600H L Hybrid 4D 4WD
7	0.0	65035000	Lexus LS 460 L 4D
2	0.0	65037000	Lexus LX 570 4D 4x4
2	0.0	65038000	Lexus GS 460 4D 2WD
2	0.0	65039000	Lexus LS 460 4D 4WD

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
1	0.0	65040000	Lexus LS 460 L 4D 4WD
9	0.0	65042000	Lexus RX 450H Hybrid 4D 4WD
3	0.0	65043000	Lexus IS 250 Conv 2WD
5	0.0	65045000	Lexus HS 250H Hybrid 4D
1	0.0	65046000	Lexus GX 460 4D 4x4
3	0.0	65046001	Lexus GX 460 4D 4x4 Premium
30	0.0	66002000	Infiniti Q45 4D
1	0.0	66003000	Infiniti M30 Conv
50	0.0	66004000	Infiniti G20 4D
29	0.0	66005000	Infiniti J30 4D
84	0.0	66006000	Infiniti I30 4D
65	0.0	66007000	Infiniti QX4 4D 4x4
2	0.0	66008000	Infiniti QX4 4D 4x2
13	0.0	66009000	Infiniti I35 4D
34	0.0	66010000	Infiniti G35 4D 2WD
21	0.0	66011000	Infiniti G35 2D 2WD
6	0.0	66012000	Infiniti M45 4D
1	0.0	66013000	Infiniti FX35 4D 2WD
44	0.0	66014000	Infiniti FX35 4D 4WD
7	0.0	66015000	Infiniti FX45 4D 4WD
1	0.0	66016000	Infiniti QX56 4D 4x2
48	0.0	66017000	Infiniti QX56 4D 4x4
78	0.0	66018001	Infiniti G35 4D 4WD X
4	0.0	66019000	Infiniti M35 4D 2WD
17	0.0	66020001	Infiniti M35 4D 4WD X
13	0.0	66021000	Infiniti G37 2D 2WD
3	0.0	66022001	Infiniti M45 4D 4WD X
7	0.0	66024000	Infiniti EX35 4D 4WD
7	0.0	66026000	Infiniti G37 Conv 2WD
22	0.0	66028001	Infiniti G37 4D 4WD X
16	0.0	66029001	Infiniti G37 2D 4WD X
1	0.0	66031001	Infiniti M37 4D 4WD X
1	0.0	66032000	Infiniti M56 4D 2WD
2	0.0	67000000	Saturn Unknown Series Model
27	0.0	67001000	Saturn SC 2D
112	0.0	67001004	Saturn SC 2D SC1
277	0.1	67001005	Saturn SC 2D SC2
200	0.0	67002000	Saturn SL 4D
1237	0.3	67002001	Saturn SL 4D SL1
1289	0.3	67002002	Saturn SL 4D SL2
12	0.0	67002024	Saturn SL 4D Spring Special
38	0.0	67003006	Saturn SW SW1
133	0.0	67003007	Saturn SW SW2
99	0.0	67005008	Saturn SC 3D SC1 RAD
202	0.0	67005009	Saturn SC 3D SC2 RAD
10	0.0	67006000	Saturn LS 4D
79	0.0	67006010	Saturn LS 4D LS1
85	0.0	67006011	Saturn LS 4D LS2
40	0.0	67006014	Saturn LS 4D L100
420	0.1	67006015	Saturn LS 4D L200
234	0.0	67006016	Saturn LS 4D L300
11	0.0	67007012	Saturn LW LW1

Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
15	0.0	67007013	Saturn LW LW2
31	0.0	67007017	Saturn LW LW200
46	0.0	67007018	Saturn LW LW300
536	0.1	67008019	Saturn Vue 4D 2WD 4 Cyl
431	0.1	67008020	Saturn Vue 4D 2WD 6 Cyl
11	0.0	67008025	Saturn Vue 4D 2WD Red Line
417	0.1	67008028	Saturn Vue 4D 2WD XE
289	0.1	67008029	Saturn Vue 4D 2WD XR
1	0.0	67008030	Saturn Vue 4D 2WD XR V6
5	0.0	67008031	Saturn Vue 4D 2WD XR-L V6
73	0.0	67009019	Saturn Vue 4D 4WD 4 Cyl
575	0.1	67009020	Saturn Vue 4D 4WD 6 Cyl
3	0.0	67009025	Saturn Vue 4D 4WD Red Line
74	0.0	67009028	Saturn Vue 4D 4WD XE
88	0.0	67009029	Saturn Vue 4D 4WD XR
132	0.0	67010022	Saturn Ion Quad Coupe 2D Level 3
93	0.0	67010023	Saturn Ion Quad Coupe 2D Level 3
21	0.0	67010025	Saturn Ion Quad Coupe 2D Red Line
162	0.0	67011021	Saturn Ion 4D Level 1
1099	0.2	67011022	Saturn Ion 4D Level 3
387	0.1	67011023	Saturn Ion 4D Level 3
100	0.0	67013000	Saturn Relay Van LWB 2WD
7	0.0	67014000	Saturn Relay Van LWB 4WD
897	0.2	67018028	Saturn Aura 4D XE
285	0.1	67018029	Saturn Aura 4D XR
45	0.0	67018030	Saturn Aura 4D XR V6
18	0.0	67019000	Saturn Sky Conv
9	0.0	67019025	Saturn Sky Conv Red Line
111	0.0	67020028	Saturn Outlook 4D 2WD XE
111	0.0	67020029	Saturn Outlook 4D 2WD XR
4	0.0	67020040	Saturn Outlook 4D 2WD XR-L
1	0.0	67020041	Saturn Outlook 4D 2WD XR-L Premium
31	0.0	67021028	Saturn Outlook 4D 4WD XE
66	0.0	67021029	Saturn Outlook 4D 4WD XR
2	0.0	67021040	Saturn Outlook 4D 4WD XR-L
7	0.0	67022000	Saturn Aura Hybrid 4D
46	0.0	67023000	Saturn Vue Hybrid 4D 2WD
19	0.0	67024029	Saturn Astra 3D XR
15	0.0	67025028	Saturn Astra 5D XE
32	0.0	67025029	Saturn Astra 5D XR
1	0.0	68000000	KIA Unknown Series Model
194	0.0	68001000	KIA Sephia 4D
306	0.1	68002000	KIA Sportage 4D 4x4
162	0.0	68003000	KIA Sportage 4D 4x2
1	0.0	68003003	KIA Sportage 4D 4x2 LX
5	0.0	68004000	KIA Sportage 2D 4x4
9	0.0	68005000	KIA Sportage 2D 4x2
520	0.1	68006000	KIA Rio 4D
2	0.0	68006005	KIA Rio 4D SX
114	0.0	68007000	KIA Spectra 5D
305	0.1	68008000	KIA Optima 4D
383	0.1	68009000	KIA Sedona Van LWB

## Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
8	0.0	68009003	KIA Sedona Van LWB LX
1	0.0	68009004	KIA Sedona Van LWB EX
34	0.0	68010001	KIA Rio SW Cinco
28	0.0	68010002	KIA Rio SW Rio5
1	0.0	68010008	KIA Rio 5D Rio5 SX
230	0.0	68011000	KIA Spectra 4D
54	0.0	68012000	KIA Sorento 4D 4x2
12	0.0	68012004	KIA Sorento 4D 4x2 EX
31	0.0	68012006	KIA Sorento 4D 4x2 Base/LX
215	0.0	68013000	KIA Sorento 4D 4x4
11	0.0	68013003	KIA Sorento 4D 4x4 LX
3	0.0	68013004	KIA Sorento 4D 4x4 EX
62	0.0	68014000	KIA Amanti 4D
484	0.1	68015000	KIA Spectra 4D
64	0.0	68016000	KIA Spectra SW
246	0.1	68017000	KIA Optima 4D
95	0.0	68018000	KIA Rondo SW
7	0.0	68019000	KIA Sedona Van SWB
4	0.0	68020000	KIA Borrego 4D 4x2
6	0.0	68021000	KIA Borrego 4D 4x4
74	0.0	68022000	KIA Soul SW
7	0.0	68023003	KIA Forte 4D LX
60	0.0	68023004	KIA Forte 4D EX
4	0.0	68023005	KIA Forte 4D SX
5	0.0	68024004	KIA Forte Koup 2D EX
4	0.0	68024005	KIA Forte Koup 2D SX
3	0.0	69002002	AM General Hummer H1 4D 4x4 Hardtop
2	0.0	69002003	AM General Hummer H1 4D 4x4 Wagon
84	0.0	69003000	AM General Hummer H2 4D 4x4
1	0.0	69003009	AM General Hummer H2 4D 4x4 Luxury
3	0.0	69004000	AM General Hummer H2 SUT 4D 4x4
6	0.0	69005000	AM General Hummer H3 SUT 4D 4x4
2	0.0	69005007	AM General Hummer H3 SUT 4D 4x4 Alpha
303	0.1	69006000	AM General Hummer H3 4D 4x4
1	0.0	69006006	AM General Hummer H3 4D 4x4 X
1	0.0	69006007	AM General Hummer H3 4D 4x4 Alpha
1	0.0	69006008	AM General Hummer H3 4D 4x4 Adventure
20	0.0	69006009	AM General Hummer H3 4D 4x4Luxury
1	0.0	70000000	Daewoo Unknown Series Model
11	0.0	70001001	Daewoo Lanos 3D S
1	0.0	70001002	Daewoo Lanos 3D SE
1	0.0	70001006	Daewoo Lanos 3D Sport
6	0.0	70002001	Daewoo Lanos 4D S
14	0.0	70003002	Daewoo Nubira 4D SE
9	0.0	70003004	Daewoo Nubira 4D CDX
2	0.0	70004004	Daewoo Nubira SW CDX
14	0.0	70005002	Daewoo Leganza 4D SE
25	0.0	70005005	Daewoo Leganza 4D SX/CDX
95	0.0	72001000	Mini Cooper 2D
84	0.0	72001001	Mini Cooper 2D S
2	0.0	72001002	Mini Cooper 2D S JCW GP
1	0.0	72001003	Mini Cooper 2D JCW



Variable 254:VINDICATOR - MAKE/MODEL (Continued)

2010	Prcnt	Code	Value and Description
8	0.0	72002000	Mini Cooper Conv
5	0.0	72002001	Mini Cooper Conv S
16	0.0	72003000	Mini Cooper Clubman 2D
7	0.0	72003001	Mini Cooper Clubman 2D S
1	0.0	74000000	Scion Unknown Series Model
48	0.0	74001000	Scion XA 5D
247	0.1	74002000	Scion XB 5D
195	0.0	74003000	Scion TC 2D
61	0.0	74004000	Scion XD 5D
29	0.0	76001000	Smart Fortwo 2D
9	0.0	76002000	Smart Fortwo Conv

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Variable 255	VINDICATOR - BODY	Width: 2	Type: Numeric
		Dec: None	Miss: 0

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VINDICATOR Variable - BodyStyleNumber

2010	Prcnt	Code	Value and Description
217200	45.9	0	No data
1	0.0	8	Sedan
5	0.0	20	2 door
267	0.1	21	2 door 2-3 passenger
20993	4.4	22	2 door 4-6 passenger
3	0.0	24	2 door wagon
15	0.0	28	2 door sedan
1	0.0	29	2 door sedan 2-3 passenger
1474	0.3	30	2 door sedan 4-6 passenger
32	0.0	32	2 door hardtop
1	0.0	33	2 door hardtop 2-3 passenger
921	0.2	34	2 door hardtop 4-6 passenger
3	0.0	36	2 door convertible
619	0.1	37	2 door convertible 2-3 passenger
3107	0.7	38	2 door convertible 4-6 passenger
4	0.0	40	3 door
193	0.0	41	3 door 2-3 passenger
5642	1.2	42	3 door 4-6 passenger
4	0.0	46	3 door wagon 4-6 passenger
1	0.0	48	3 door sedan
9	0.0	50	3 door sedan 4-6 passenger
299	0.1	54	3 door hardtop 4-6 passenger
3752	0.8	62	4+ door 4-6 passenger
1	0.0	64	4+ door wagon
12887	2.7	66	4+ door wagon 4-6 passenger
32416	6.8	67	4+ door wagon 7+ passenger
35	0.0	68	4+ door sedan
172533	36.5	70	4+ door sedan 4-6 passenger
5	0.0	72	4+ door hardtop
883	0.2	74	4+ door hardtop 4-6 passenger

Variable 256	VINDICATOR - VEHTP	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## VINDICATOR Variable - VehicleType

2010 Prcnt	Code	Value and Description
224375	47.4	0 Passenger cars or no data
9334	2.0	1 Vans (All cargo & large passenger vans)
57739	12.2	2 Pickups and chassis cabs
92374	19.5	3 Utility vehicles
32436	6.9	4 Passenger vans
57048	12.1	8 Vehicle type data missing

Variable 257	VINDICATOR - SIZE	Width: 1	Type: Numeric
		Dec: None	Miss: 6

## VINDICATOR Variable - VehicleSizeID

2010 Prcnt	Code	Value and Description
57085	12.1	0 Unknown
7117	1.5	1 Mini
98241	20.8	2 Small
126886	26.8	3 Midsize
138624	29.3	4 Large
40788	8.6	5 Very large
4565	1.0	6 Unknown

Variable 258	VINDICATOR - STYLE CLASS	Width: 2	Type: Numeric
		Dec: None	Miss: 0

## VINDICATOR Variable - VehicleClassID

2010 Prcnt	Code	Value and Description
61613	13.0	0 Missing data
26747	5.7	1 2 door
159962	33.8	2 4 door
17536	3.7	3 Luxury
5036	1.1	4 Sports
32424	6.9	5 Passenger van
55622	11.8	6 Pickup
87069	18.4	8 Utility
8270	1.7	9 Large / cargo van
13802	2.9	11 Station wagon
5225	1.1	14 Luxury utility

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Variable 259	VINDICATOR - WEIGHT	Width: 4	Type: Numeric
		Dec: None	Miss: 0

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VINDICATOR Variable - CurbWeight

The curb weight is approximately equal to the shipping weight of the vehicle plus 100 pounds

2010	Prcnt	Code	Value and Description
60332	12.7	0	Weight data is missing
2	0.0	1620	- Weight in pounds
5	0.0	8687	

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Variable 260	VINDICATOR - WHLBS	Width: 4	Type: Numeric
		Dec: 1	Miss: 0.0

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VINDICATOR Variable - Wheelbase

2010	Prcnt	Code	Value and Description
59401	12.6	0.0	Wheelbase data is missing
37	0.0	73.5	- Wheelbase to nearest tenth of an inch
2	0.0	194.0	

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Variable 261	VINDICATOR - LENGTH	Width: 4	Type: Numeric
		Dec: 1	Miss: 0.0

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VINDICATOR Variable - Length

2010	Prcnt	Code	Value and Description
61613	13.0	0.0	Length data is missing
37	0.0	106.1	- Length to nearest tenth of an inch
6	0.0	262.4	

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Variable 262	VINDICATOR - WIDTH	Width: 4	Type: Numeric
		Dec: 1	Miss: 0.0

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VINDICATOR Variable - Width

2010	Prcnt	Code	Value and Description
61613	13.0	0.0	Width data is missing
9	0.0	60.2	- Width to nearest tenth of an inch
75	0.0	96.1	

Variable 263	VINDICATOR - HEIGHT	Width: 4	Type: Numeric
		Dec: 1	Miss: 0.0

## VINDICATOR Variable - Height

2010	Prcnt	Code	Value and Description
61633	13.0	0.0	Height data is missing
4	0.0	43.9	- Height to nearest tenth of an inch
50	0.0	96.3	

Variable 264	VINDICATOR - RSTN	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## VINDICATOR Variable - RestraintCode

2010	Prcnt	Code	Value and Description
58398	12.3	0	No data
15650	3.3	1	Manual belt
5311	1.1	2	Automatic belt
19696	4.2	3	Air bag (driver only)
219945	46.5	4	Air bags (driver + passenger)
130362	27.5	5	Air bags (driver + passenger + side)
23944	5.1	6	Air bags (driver + passenger (std); side (opt))

Variable 265	VINDICATOR - ATD / DRL	Width: 25	Type: Alphabetic
		Dec: None	Miss: None

## VINDICATOR Variable - ATD/DRL (Anti-theft/Daytime running lights)

Variable 266	VINDICATOR - MINHP	Width: 3	Type: Numeric
		Dec: None	Miss: 0

## VINDICATOR Variable - MinimumHorsepower

2010	Prcnt	Code	Value and Description
59530	12.6	0	Minimum horsepower data missing
6	0.0	46	- Minimum horsepower
1	0.0	600	

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Variable 267      VINDICATOR - MAXHP                      Width: 3            Type: Numeric  
Dec:    None            Miss:    0

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VINDICATOR Variable - MaximumHorsepower

2010	Prcnt	Code	Value and Description
59530	12.6	0	Maximum horsepower data missing
3	0.0	46	- Maximum horsepower
1	0.0	600	

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Variable 268      VINDICATOR - ABS                              Width: 3            Type: Numeric  
Dec:    None            Miss:    0

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VINDICATOR Variable - ABSCode

2010	Prcnt	Code	Value and Description
57786	12.2	0	Unknown
15198	3.2	1	Not available
97141	20.5	2	Opt on all wheels
108	0.0	3	Opt on rear wheels
263636	55.7	4	STD on all wheels
8506	1.8	5	STD on rear wheels
2	0.0	11	STD on LSC & Designer series with V8 engines
1	0.0	12	STD on late production models only
3	0.0	15	OPT on Turbo & GXL
1	0.0	16	STD in 2nd half of model year
4	0.0	17	OPT in 2nd half of model year
12	0.0	20	OPT on Base; STD on STS
23	0.0	21	OPT on LE V6
3	0.0	22	OPT on GT / Turbo; STD on 4WS
2	0.0	24	OPT on Gli & CARAT
3	0.0	25	STD on SC; OPT on SE
3	0.0	26	OPT on GT-S & All-Trac Turbo
3	0.0	27	OPT on GT
1	0.0	29	STD with OPT 4WD Package
46	0.0	30	OPT on SE; NA other models
143	0.0	31	OPT on GXE
19	0.0	32	OPT on LX & Turbo
17	0.0	35	OPT on GS
4	0.0	37	OPT on SE & LE
2	0.0	39	OPT on Base; STD on SE
2	0.0	41	OPT on ES Base, LX; STD on ES Limited
1	0.0	44	OPT on GSX; STD on VR4
1	0.0	45	STD on all models but Hunter
132	0.0	48	OPT on GXE & SE
108	0.0	49	STD on Cobra; OPT on other models
380	0.1	50	OPT on LX; not available on other models
3	0.0	51	OPT with manual transmission only
765	0.2	52	Not available on Base; OPT on other models
4	0.0	57	STD Rear on S & LS; OPT 4 Wheel ABS on LS
14781	3.1	58	STD rear; 4 wheel OPT on all or some models

## Variable 268:VINDICATOR - ABS (Continued)

2010	Prcnt	Code	Value and Description
295	0.1	59	OPT with V6 engine only
504	0.1	60	STD rear wheel ABS with 4 cyl; STD 4 wheel ABS with 6 cyl engine
119	0.0	61	STD on ES; OPT on other models
55	0.0	62	STD on GXE; OPT on other models
18	0.0	63	STD rear, 4 wheel OPT on some models and STD on others
46	0.0	64	STD on GLX Plus model; not available on other models
206	0.0	65	OPT on all models, except not available on GXE with manual transmission
20	0.0	66	STD on Outback model; OPT on L model
1	0.0	67	OPT on L model; not available on Outback model
6	0.0	68	Not available on L model; OPT on others
130	0.0	69	OPT on GXE & GLE models; not available on other models
7	0.0	70	STD rear ABS; 4 wheel ABS OPT / STD (after 1995 model year) on B4000
1023	0.2	71	STD on XLE model; OPT on other models
41	0.0	72	STD on XLS model; OPT on other models
1247	0.3	73	STD on Ariat model; rear wheel STD, 4 wheel OPT on other models
25	0.0	74	Std on vehicles with RV trim package; RW STD 4 wheel ABS OPT on other models
217	0.0	75	OPT on GS model, STD on other models
967	0.2	76	OPT on CE model with 4 cylinder engine; STD on all other models
13	0.0	77	OPT on JX model and STD on JLX model
1656	0.3	78	OPT on Base model; STD on other models
667	0.1	79	STD rear ABS; 4 wheel ABS OPT on all models excluding the XL model
11	0.0	80	OPT on GL V6
11	0.0	81	4 wheel ABS STD on EX model; all other models have rear wheel ABS only
8	0.0	82	STD on LS model; OPT on ES model
795	0.2	83	Option on LS model; not available on Base model
347	0.1	84	STD with V6 engine; OPT with 4 cylinder engine
8	0.0	85	STD with V6 engine; not available with 4 cylinder engine
376	0.1	87	4 wheel ABS STD on XLT model; all other models have STD rear wheel and OPT 4 wheel ABS
6	0.0	89	STD on XLS model; not available on other models
10	0.0	90	STD on "Plus" models; not available on other models
53	0.0	92	Not available on DX model; STD on all other models
145	0.0	93	Not available on XE model; OPT on all other models
89	0.0	94	Not available on VE model; OPT on all other models
84	0.0	95	Available on premium models for fleet sale only
244	0.1	96	Not available on CE model; OPT on all other models
37	0.0	98	STD on Plus and Limited models; not available on other models
12	0.0	99	STD on Touring model; not available on other models
113	0.0	100	OPT on GSX model; not available on other models
559	0.1	101	STD on models for fleet sale only; OPT on non-fleet models
642	0.1	102	OPT on models for fleet sale only; STD on non-fleet models

Variable 268:VINDICATOR - ABS (Continued)

2010 Prcnt	Code	Value and Description
9	0.0	103 OPT on ES model; not available on other models
102	0.0	104 OPT on ES and LX models; not available on other models
1	0.0	105 STD on Limited model; not available on other models
5	0.0	106 STD on Limited models; OPT on JLX model
1	0.0	107 STD on Touring and Limited models; not available on other models
23	0.0	108 STD on Touring and Limited models; OPT on other models
15	0.0	109 STD with manual transmission; OPT otherwise
196	0.0	110 STD on LX model and OPT on other models
66	0.0	111 OPT on Value and Base models; STD on other models
400	0.1	112 OPT on GL1 model and STD on GL2 model
978	0.2	113 STD on SE2 model and OPT on other models
39	0.0	114 STD on 5 speed manual transmission, OPT on 6 speed manual and automatic transmissions
88	0.0	115 OPT on ES model and STD on other models
97	0.0	116 STD on S model and OPT on I model
298	0.1	117 OPT on Plus model; STD on all other models
17	0.0	118 OPT on Touring model and STD on Limited models
10	0.0	119 OPT on LX models and STD on EX models
64	0.0	120 OPT on EX models; Not available on other models
223	0.0	121 OPT on SE models; STD for all other models
178	0.0	122 Not Available on LX models; OPT on all other models
99	0.0	123 OPT on S model; not available on base model
85	0.0	124 STD with 3.9 liter engine; optional with 3.5 liter engine
45	0.0	125 OPT on LX models; not available on base model
200	0.0	127 OPT only on EX and LX V6 models
291	0.1	128 OPT only on SX models; not available on other models
36	0.0	129 OPT on Base and S models and STD on SL Model
52	0.0	130 OPT on LT Model; not available on other models
31	0.0	131 Not available on Base Model; STD for all other models

---

Variable 269      VINDICATOR - TRANS                      Width: 2              Type: Numeric  
Dec:    None              Miss: 0

VINDICATOR Variable - TransmissionNumber

2010 Prcnt	Code	Value and Description
443064	93.6	0 Transmission data is missing or not provided
1777	0.4	1 - Transmission
9	0.0	15

<u>Variable 270</u>	<u>VINDICATOR - ENGINE</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 0

## VINDICATOR Variable - EngineNumber

2010	Prcnt	Code	Value and Description
58873	12.4	0	Engine data is missing or not provided
3979	0.8	1	- Engine
57	0.0	112	



The OCCUPANT/PERSON Variables

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

---

Variable 300	<u>UNIT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

TCRS Variable - unit\_num

2010	Prcnt	Code	Value and Description
323432	59.0	1	Unit 1
206392	37.7	2	Unit 2
15239	2.8	3	Unit 3
2215	0.4	4	Unit 4
363	0.1	5	Unit 5
97	0.0	6	Unit 6
21	0.0	7	Unit 7
7	0.0	8	Unit 8
1	0.0	9	Unit 9

---

Variable 301	<u>PARTY TYPE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

TCRS Variable - prty\_typ

2010	Prcnt	Code	Value and Description
468966	85.6	1	Motor vehicle driver
17453	3.2	2	Injured passenger
57008	10.4	3	Uninjured passenger
1976	0.4	4	Bicyclist
2327	0.4	5	Pedestrian
37	0.0	6	Train engineer

---

Variable 302	<u>PERSON POSITION</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

TCRS Variable - pos\_cd

2010	Prcnt	Code	Value and Description
432225	78.9	1	Left side front (driver), in-line vehicle driver
1258	0.2	2	Front middle
29128	5.3	3	Front right

STATE OF MICHIGAN  
2010 - Occupant/Person

## Variable 302:PERSON POSITION (Continued)

2010	Prcnt	Code	Value and Description
5314	1.0	4	2nd row left, in-line vehicle passenger #1
1734	0.3	5	2nd row middle
5606	1.0	6	2nd row right
1919	0.4	7	3rd row left, in-line vehicle passenger #2
694	0.1	8	3rd row middle
2254	0.4	9	3rd row right
26	0.0	10	In sleeper section
458	0.1	11	Other enclosed passenger area / cargo area
72	0.0	12	Other unenclosed passenger area / cargo area
8	0.0	13	Riding in/on trailing unit
49	0.0	14	Riding on vehicle exterior
1364	0.2	15	Unknown
1976	0.4	50	(B) Bicyclist
37	0.0	51	(E) Engineer
2328	0.4	52	(P) Pedestrian
61317	11.2	99	Uncoded & errors

---

Variable 303	PERSON RESTRAINT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## TCRS Variable - rstr\_use\_cd

2010	Prcnt	Code	Value and Description
4874	0.9	1	No belts available
797	0.1	2	Shoulder belt only used
2165	0.4	3	Lap belt only used
441153	80.5	4	Both lap & shoulder belts used
5304	1.0	5	No belts used
5437	1.0	6	Child restraint used
287	0.1	7	Child restraint not used, unavailable or improper use
106	0.0	8	Restraint failure
27337	5.0	9	Restraint use unknown
3858	0.7	10	Helmet worn
1169	0.2	11	Helmet not worn
218	0.0	12	Helmet use unknown
55062	10.1	99	Uncoded & errors

---

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

## TCRS Variable - ab\_depl\_cd

2010	Prcnt	Code	Value and Description
41124	7.5	0	Uncoded & errors
43251	7.9	1	Deployed

Variable 304:PERSON AIRBAG DEPLOYED (Continued)

	2010 Prcnt		Code Value and Description
394500	72.0	2	Not deployed
68892	12.6	3	Not equipped

---

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

---

TCRS Variable - prty\_ejct\_ind

	2010 Prcnt		Code Value and Description
546273	99.7	0	Not ejected
1494	0.3	1	Ejected

---

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

---

TCRS Variable - prty\_trap\_ind

	2010 Prcnt		Code Value and Description
545647	99.6	0	Not trapped
2120	0.4	1	Trapped

---

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

---

TCRS Variable - prty\_brth\_date

DATE OF BIRTH - FORMAT YYYYMMDD

---

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

	2010 Prcnt		Code Value and Description
1150	0.2	0	Less than 1 year old
1022	0.2	1	1 year old
930	0.2	2	2 years old
913	0.2	3	3 years old
995	0.2	4	4 years old

## Variable 308:PERSON AGE (Continued)

2010	Prcnt	Code	Value and Description
898	0.2	5	5 years old
858	0.2	6	6 years old
872	0.2	7	7 years old
892	0.2	8	8 years old
982	0.2	9	9 years old
929	0.2	10	10 years old
987	0.2	11	11 years old
1038	0.2	12	12 years old
1072	0.2	13	13 years old
1431	0.3	14	14 years old
2437	0.4	15	15 years old
10305	1.9	16	16 years old
13463	2.5	17	17 years old
15912	2.9	18	18 years old
15940	2.9	19	19 years old
14922	2.7	20	20 years old
13451	2.5	21	21 years old
12327	2.3	22	22 years old
11330	2.1	23	23 years old
10420	1.9	24	24 years old
10053	1.8	25	25 years old
9348	1.7	26	26 years old
8951	1.6	27	27 years old
8641	1.6	28	28 years old
8689	1.6	29	29 years old
8406	1.5	30	30 years old
8153	1.5	31	31 years old
7726	1.4	32	32 years old
7626	1.4	33	33 years old
7271	1.3	34	34 years old
7268	1.3	35	35 years old
7453	1.4	36	36 years old
7606	1.4	37	37 years old
7910	1.4	38	38 years old
8683	1.6	39	39 years old
8627	1.6	40	40 years old
8265	1.5	41	41 years old
7995	1.5	42	42 years old
7815	1.4	43	43 years old
7917	1.4	44	44 years old
8427	1.5	45	45 years old
8451	1.5	46	46 years old
8459	1.5	47	47 years old
8199	1.5	48	48 years old
8347	1.5	49	49 years old
8088	1.5	50	50 years old
8104	1.5	51	51 years old
8031	1.5	52	52 years old
7804	1.4	53	53 years old
7441	1.4	54	54 years old
7140	1.3	55	55 years old
6859	1.3	56	56 years old

Variable 308:PERSON AGE (Continued)

2010	Prcnt	Code	Value and Description
6407	1.2	57	57 years old
6055	1.1	58	58 years old
5827	1.1	59	59 years old
5354	1.0	60	60 years old
5262	1.0	61	61 years old
4948	0.9	62	62 years old
4960	0.9	63	63 years old
3708	0.7	64	64 years old
3371	0.6	65	65 years old
3416	0.6	66	66 years old
3515	0.6	67	67 years old
3042	0.6	68	68 years old
2567	0.5	69	69 years old
2380	0.4	70	70 years old
2115	0.4	71	71 years old
2096	0.4	72	72 years old
1946	0.4	73	73 years old
1782	0.3	74	74 years old
1723	0.3	75	75 years old
1524	0.3	76	76 years old
1607	0.3	77	77 years old
1429	0.3	78	78 years old
1332	0.2	79	79 years old
1284	0.2	80	80 years old
1209	0.2	81	81 years old
1185	0.2	82	82 years old
1032	0.2	83	83 years old
953	0.2	84	84 years old
862	0.2	85	85 years old
711	0.1	86	86 years old
600	0.1	87	87 years old
492	0.1	88	88 years old
377	0.1	89	89 years old
276	0.1	90	90 years old
204	0.0	91	91 years old
138	0.0	92	92 years old
96	0.0	93	93 years old
43	0.0	94	94 years old
31	0.0	95	95 years old
21	0.0	96	96 years old
19	0.0	97	97 years old
10	0.0	98	98 years old
46	0.0	99	99 years old
8	0.0	100	100 years old
5	0.0	101	101 years old
4	0.0	102	102 years old
1	0.0	103	103 years old
2	0.0	104	104 years old
1	0.0	105	105 years old
3	0.0	106	106 years old
3	0.0	107	107 years old
12	0.0	109	109 years old

## Variable 308:PERSON AGE (Continued)

2010 Prcnt	Code	Value and Description
74	0.0	110 110 years old
66470	12.1	999 DOB invalid

---

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

---

## TCRS Variable - gndr\_cd

2010 Prcnt	Code	Value and Description
268795	49.1	1 Male
233342	42.6	2 Female
45630	8.3	9 Uncoded & errors

---

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

---

## TCRS Variable - Injy\_svty\_cd

## PERSON DEGREE OF INJURY

2010 Prcnt	Code	Value and Description
48329	8.8	0 Uncoded & errors
937	0.2	1 Killed
5980	1.1	2 Incapacitating injury
17027	3.1	3 Nonincapacitating injury
47494	8.7	4 Possible
428000	78.1	5 No injury

---

Variable 311	AMBULANCE CODE	Width: 6	Type: Alphabetic
		Dec: None	Miss: None

---

## TCRS Variable - ambl\_cd

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

## Michigan 2010

## Index to Variables and Code Value Names

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

"+" = Many code values for this variable

Item	Var	CV	Variable Name or Code Value
abutment	116	22	Bridge / pier / abutment
abutment	117	22	Bridge / pier / abutment
abutment	118	22	Bridge / pier / abutment
abutment	119	22	Bridge / pier / abutment
abutment	124	22	Bridge / pier / abutment
access	28	*	ACCESS CONTROL
action	114	*	ACTION PRIOR TO CRASH
action	125	*	HAZARDOUS ACTION
activity	31	*	CONSTRUCTION ACTIVITY
age	86	15	Driver age 15 or younger
age	87	64	Driver age 60-64
age	165	*	DRIVER AGE
age	308	*	PERSON AGE
ahead	114	1	Going straight ahead
a-injured	69	*	TOTAL A-INJURED IN CRASH
a-injured	147	0	0 A-injured
air	264	3	Air bag (driver only)
airbag	156	*	DRIVER AIRBAG
airbag	304	*	PERSON AIRBAG DEPLOYED
alcohol	129	*	REFUSAL INFORMATION- ALC
alcohol	130	*	FIELD SOBRIETY TEST- ALC
alcohol	131	*	PBT TEST - ALCOHOL
alcohol	133	*	URINE TEST - ALCOHOL
alcohol	134	*	BLOOD TEST - ALCOHOL
alcohol	135	0	No alcohol test offered
alcohol	136	*	TEST RESULT - ALCOHOL
alcohol	169	*	DRIVER CONDITION ALCOHOL
all-terrain	101	9	Off-Road Vehicle - ORV / All-Terrain Veh
ambulance	60	1	Police/fire/ambulance involved
ambulance	105	4	Ambulance
ambulance	311	*	AMBULANCE CODE
angle	34	4	Angle
angle	79	12	Angle straight
angle	114	21	Avoiding vehicle (angle)
animal	79	9	Animal
animal	114	37	Avoiding animal
animal	116	20	Animal
animal	117	20	Animal
animal	118	20	Animal
animal	119	20	Animal
animal	124	20	Animal
antilock braking system	268	*	VINDICATOR - ABS
anti-theft device	265	*	VINDICATOR - ATD / DRL
asleep	173	*	DRIVER CONDITION ASLEEP
attenuator	116	44	Impact attenuator (crash cushion)
attenuator	117	44	Impact attenuator (crash cushion)
attenuator	118	44	Impact attenuator (crash cushion)
attenuator	119	44	Impact attenuator (crash cushion)
attenuator	124	44	Impact attenuator (crash cushion)
atv	101	9	Off-Road Vehicle - ORV / All-Terrain Veh
atv	250	71	Motorcycle or ATV VIN, inappropriate veh
auto	104	6	Auto transporter
auto	108	5	Towed auto
automatic	264	2	Automatic belt

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
axle	221	*	TYPE & AXLES - 1ST UNIT
axle	222	*	TYPE & AXLES - 2ND UNIT
axle	223	*	TYPE & AXLES - 3RD UNIT
axle	224	*	TYPE & AXLES - 4TH UNIT
backing	79	4	Backing
backing	114	7	Backing
backing	125	11	Improper backing
bag	264	3	Air bag (driver only)
barrier	27	2	Divided highway, median strip, without t
barrier	116	27	Median barrier
barrier	117	27	Median barrier
barrier	118	27	Median barrier
barrier	119	27	Median barrier
barrier	124	27	Median barrier
bay	10	9	Bay
bay	77	4	Bay
belt	155	1	No belts available
belt	264	1	Manual belt
belt	303	1	No belts available
bicycle	79	10	Bicycle
bicycle	102	3	Bicycle (B)
bicyclist	53	*	CRASH: BICYCLIST
bicyclist	116	16	Bicyclist (pedalcycle)
bicyclist	117	16	Bicyclist (pedalcycle)
bicyclist	118	16	Bicyclist (pedalcycle)
bicyclist	119	16	Bicyclist (pedalcycle)
bicyclist	124	16	Bicyclist (pedalcycle)
bicyclist	154	50	(B) Bicyclist
bicyclist	301	4	Bicyclist
bicyclist	302	50	(B) Bicyclist
b-injured	70	*	TOTAL B-INJURED IN CRASH
b-injured	148	0	0 B-injured
birth	164	*	DRIVER BIRTH DATE
birth	307	*	BIRTH DATE
blood	131	0	No preliminary alcohol blood test
blood	134	*	BLOOD TEST - ALCOHOL
blood	139	*	BLOOD TEST - DRUG
boat	108	3	Boat trailer
body	104	*	CDL CARGO BODY TYPE
body	255	*	VINDICATOR - BODY
book	214	3	Log book
box	104	1	Van (enclosed box)
brake	107	1	Brakes
branch	10	12	Branch
breathalyzer	132	*	BREATHALYZER TEST
bridge	116	22	Bridge / pier / abutment
bridge	117	22	Bridge / pier / abutment
bridge	118	22	Bridge / pier / abutment
bridge	119	22	Bridge / pier / abutment
bridge	124	22	Bridge / pier / abutment
building	116	41	Building
building	117	41	Building
building	118	41	Building
building	119	41	Building
building	124	41	Building
bus	47	*	CRASH: SCHOOL BUS
bus	59	*	CRASH: TRUCK OR BUS



## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
bus	101	11	Truck/bus over 10,000 lbs.
bus	103	19	Commercial vehicle AS (Group A vehicle -
bus	104	8	Other (prior to 2009: other/unknown/bus)
bus	105	3	Bus (commercial, private, school)
bus	206	*	CDL BUS ENDORSEMENT
business	13	4	Interstate business loop or spur
business	106	2	Commercial (business)
cabs	256	2	Pickups and chassis cabs
car	37	2	Car - car
car	101	1	Passenger car & station wagon (PA)
car	256	0	Passenger cars or no data
car	258	12	Specialty car
card	208	*	MEDICAL CARD PRESENTED
cargo	104	*	CDL CARGO BODY TYPE
cargo	116	12	Cargo loss / shift
cargo	117	12	Cargo loss / shift
cargo	118	12	Cargo loss / shift
cargo	119	12	Cargo loss / shift
cargo	124	12	Cargo loss / shift
cargo	154	11	Other enclosed passenger area / cargo ar
cargo	256	1	Vans (All cargo & large passenger vans)
cargo	258	9	Large / cargo van
cargo	302	11	Other enclosed passenger area / cargo ar
carrier	214	*	SOURCE OF CARRIER INFO
carrier	228	*	CARRIER STATE
cart	101	7	Go Cart (GC)
casualties	73	*	TOTAL CASUALTIES - CRASH
casualties	151	*	TOTAL CASUALTIES IN VEH
casualty	73	1	1 casualty
casualty	151	1	1 casualty
cell	176	*	DRIVER CONDITION CELL PH
centerline	116	2	Cross centerline / median
centerline	117	2	Cross centerline / median
centerline	118	2	Cross centerline / median
centerline	119	2	Cross centerline / median
centerline	124	2	Cross centerline / median
changing	114	6	Changing lanes
chassis	256	2	Pickups and chassis cabs
chauffeurs	160	2	Chauffeurs license
child	155	6	Child restraint used
child	303	6	Child restraint used
chips	104	9	Grain, chips, gravel
church	106	6	Club / church ("Y" tag)
c-injured	71	*	TOTAL C-INJURED IN CRASH
c-injured	149	0	0 C-injured
citation	126	*	DRIVER HAZARDOUS CITATN
citation	127	*	DRIVER OTHER CITATION
city	11	*	CITY OR TOWNSHIP
city	13	9	County road, city street, or unknown
class	13	*	HIGHWAY CLASS
class	218	*	HAZMAT: CLASS
class	258	*	VINDICATOR - STYLE CLASS
clear	32	1	Clear
cloudy	32	2	Cloudy
club	106	6	Club / church ("Y" tag)
code	311	*	AMBULANCE CODE
coded	124	98	No event coded as most harmful

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
coded	136	990	BAC unknown or not coded
coded	177	0	No, driver condition was not coded unkno
combine	101	10	Other (non-registered farm equipment, co
commercial	103	1	Commercial truck AA (Group A vehicle)
commercial	105	3	Bus (commercial, private, school)
commercial	106	2	Commercial (business)
complaint	36	*	COMPLAINT STATUS
concrete	104	5	Concrete mixer
condition	23	*	ROAD CONDITIONS
condition	168	*	DRIVER CONDITION NORMAL
condition	169	*	DRIVER CONDITION ALCOHOL
condition	170	*	DRIVER CONDITION DRUGS
condition	171	*	DRIVER CONDITION SICK
condition	172	*	DRIVER CONDITION FATIGUE
condition	173	*	DRIVER CONDITION ASLEEP
condition	174	*	DRIVER CONDITION MEDICIN
condition	175	*	DRIVER CONDITION DISTRAC
condition	176	*	DRIVER CONDITION CELL PH
condition	177	*	DRIVER CONDITION UNKNOWN
configuration	108	*	NONCOMM TRAILER CONFIG
connector	13	7	Connector
connector	14	240	Connector 240
construction	29	*	CONSTRUCTION TYPE
construction	30	*	CONSTRUCTION LANE CLOSED
construction	31	*	CONSTRUCTION ACTIVITY
construction	105	6	Construction / maintenance equipment
construction	106	10	Road construction / maintenance
control	12	*	CONTROL SECTION
control	15	*	HIGHWAY CONTROL SECTION
control	16	*	CONTROL SECTION MLPT
control	26	*	TRAFFIC CONTROL
control	28	*	ACCESS CONTROL
control	116	1	Loss of control
control	117	1	Loss of control
control	118	1	Loss of control
control	119	1	Loss of control
control	124	1	Loss of control
control	125	4	Disregard traffic control
convertible	255	16	Convertible
coordinate	75	*	GPS X COORDINATE
coordinate	76	*	GPS Y COORDINATE
county	10	*	COUNTY
county	13	9	County road, city street, or unknown
county	18	1	Invalid county
crash	17	3	This crash will be recycled through MALI
crash	18	11	Crash not on ramp
crash	20	0	Crash occurred on other than a roadway
crash	22	*	AREA OF ROAD AT CRASH
crash	34	*	CRASH TYPE
crash	35	*	CRASH INVESTGTD AT SCENE
crash	41	*	CRASH:SPECIAL LOCAL STDY
crash	42	*	CRASH:SPECIAL STATE STDY
crash	43	*	CRASH:NO SPECIAL CIRCUMS
crash	44	*	CRASH: HIT-AND-RUN
crash	45	*	CRASH: FLEEING/PURSUIING
crash	46	*	CRASH: DEER INVOLV/ASSOC
crash	47	*	CRASH: SCHOOL BUS

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
crash	48	*	CRASH: HOLIDAY CRASH
crash	49	*	CRASH: DRINKING
crash	50	*	CRASH: DRUG USE
crash	51	*	CRASH: PEDESTRIAN
crash	52	*	CRASH: NMT REC PRESENT
crash	53	*	CRASH: BICYCLIST
crash	54	*	CRASH: SNOWMOBILE
crash	55	*	CRASH: MOTORCYCLE
crash	56	*	CRASH: ORV
crash	57	*	CRASH: FARM EQUIPMENT
crash	58	*	CRASH: TRAIN
crash	59	*	CRASH: TRUCK OR BUS
crash	60	*	CRASH: EMERGENCY VEHICLE
crash	61	*	CRASH: NONTRAFFIC CRASH
crash	62	*	CRASH: PROPERTY DAMAGE
crash	63	*	CRASH: INJURY CRASH
crash	64	*	CRASH: FATAL CRASH
crash	66	*	TOTAL OCCUPANTS IN CRASH
crash	68	*	NUMBER FATAL IN CRASH
crash	69	*	TOTAL A-INJURED IN CRASH
crash	70	*	TOTAL B-INJURED IN CRASH
crash	71	*	TOTAL C-INJURED IN CRASH
crash	72	*	TOTAL INJURED IN CRASH
crash	73	*	TOTAL CASUALTIES - CRASH
crash	79	*	MDOT CRASH TYPE
crash	84	*	CRASH: LANE DEPARTURE
crash	85	*	CRASH: INTERSECTION
crash	86	*	CRASH: YOUNG DRIVER
crash	87	*	CRASH: ELDERLY DRIVER
crash	113	*	DRIVEABLE AFTER CRASH
crash	114	*	ACTION PRIOR TO CRASH
crash	116	44	Impact attenuator (crash cushion)
crash	117	44	Impact attenuator (crash cushion)
crash	118	44	Impact attenuator (crash cushion)
crash	119	44	Impact attenuator (crash cushion)
crash	124	44	Impact attenuator (crash cushion)
crash site	24	*	SPEED LIMIT AT CRASHSITE
culvert	116	33	Culvert
culvert	117	33	Culvert
culvert	118	33	Culvert
culvert	119	33	Culvert
culvert	124	33	Culvert
curb	116	34	Curb
curb	117	34	Curb
curb	118	34	Curb
curb	119	34	Curb
curb	124	34	Curb
curb-line	21	4	Outside of the shoulder/curb-line
curved	22	11	Curved roadway not related to other sele
cushion	116	44	Impact attenuator (crash cushion)
cushion	117	44	Impact attenuator (crash cushion)
cushion	118	44	Impact attenuator (crash cushion)
cushion	119	44	Impact attenuator (crash cushion)
cushion	124	44	Impact attenuator (crash cushion)
cycle	101	5	Cycle (CY)
cycle	161	*	LICENSE TYPE - CYCLE
damage	62	*	CRASH: PROPERTY DAMAGE

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
damage	65	0	No public property damage
damage	112	*	EXTENT OF DAMAGE
damaged	65	*	PUBLIC PROPERTY DAMAGED
dark	33	4	Dark lighted
date	164	*	DRIVER BIRTH DATE
date	307	*	BIRTH DATE
dawn	33	2	Dawn
day	3	*	ACCIDENT DAY
day	5	*	TIME OF DAY
day	7	*	JULIAN DAY FROM 03-01-00
day	8	*	DAY OF WEEK
daylight	33	1	Daylight
daytime running lights	265	*	VINDICATOR - ATD / DRL
debris	23	7	Debris
deer	46	*	CRASH: DEER INVOLV/ASSOC
defect	107	*	VEHICLE DEFECT
defined	18	23	PR with/no segment defined
degree	167	*	DRIVER DEGREE OF INJURY
degree	310	*	PERSON DEGREE OF INJURY
delta	10	21	Delta
departure	84	*	CRASH: LANE DEPARTURE
deployed	156	1	Deployed
deployed	304	*	PERSON AIRBAG DEPLOYED
direction	18	7	Direction to/from intersecting street is
direction	19	*	ORIGINAL DIRECTION
direction	34	8	Sideswipe same direction
direction	79	15	Sideswipe same direction
direction	115	*	DIRECTION OF TRAVEL
disregard	125	4	Disregard traffic control
distance	18	8	Distance to/from intersecting street is
ditch	116	35	Ditch
ditch	117	35	Ditch
ditch	118	35	Ditch
ditch	119	35	Ditch
ditch	124	35	Ditch
divided	12	2	Mainline reverse (always divided one-way
divided	27	1	Not physically divided (two-way trafficw
door	255	20	2 door
door	258	1	2 door
double	103	5	Commercial truck AT (Group A vehicle, do
double	108	6	Recreational double
double	163	*	LICENSE-RECREATIONAL DBL
downhill	116	11	Downhill runaway
downhill	117	11	Downhill runaway
downhill	118	11	Downhill runaway
downhill	119	11	Downhill runaway
downhill	124	11	Downhill runaway
drinking	49	*	CRASH: DRINKING
drinking	128	*	DRIVER DRINKING
drinking	169	0	No, driver was not drinking
drive	12	3	Outside forward (always divided one-way,
drive	79	18	Other drive
driveable	113	*	DRIVEABLE AFTER CRASH
driver	86	*	CRASH: YOUNG DRIVER
driver	87	*	CRASH: ELDERLY DRIVER
driver	104	15	Bus (9-15, incl. driver)
driver	126	*	DRIVER HAZARDOUS CITATN

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
driver	127	*	DRIVER OTHER CITATION
driver	128	*	DRIVER DRINKING
driver	154	*	DRIVER POSITION
driver	155	*	DRIVER RESTRAINT
driver	156	*	DRIVER AIRBAG
driver	157	*	DRIVER EJECTION
driver	158	*	DRIVER TRAPPED
driver	159	*	DRIVER LICENSE STATE
driver	164	*	DRIVER BIRTH DATE
driver	165	*	DRIVER AGE
driver	166	*	DRIVER GENDER
driver	167	*	DRIVER DEGREE OF INJURY
driver	168	*	DRIVER CONDITION NORMAL
driver	169	*	DRIVER CONDITION ALCOHOL
driver	170	*	DRIVER CONDITION DRUGS
driver	171	*	DRIVER CONDITION SICK
driver	172	*	DRIVER CONDITION FATIGUE
driver	173	*	DRIVER CONDITION ASLEEP
driver	174	*	DRIVER CONDITION MEDICIN
driver	175	*	DRIVER CONDITION DISTRAC
driver	176	*	DRIVER CONDITION CELL PH
driver	177	*	DRIVER CONDITION UNKNOWN
driver	207	2	Qualified military drivers in military v
driver	214	4	Driver
driver	264	3	Air bag (driver only)
driver	301	1	Motor vehicle driver
driver	302	1	Left side front (driver), in-line vehicl
driverless	114	22	Driverless moving
driveway	22	8	Driveway related (within 150 feet of nea
driving	125	15	Reckless driving
drove	125	5	Drove wrong way
drug	50	*	CRASH: DRUG USE
drug	138	*	DRUGS SUSPECTED
drug	139	*	BLOOD TEST - DRUG
drug	140	*	URINE TEST - DRUG
drug	141	*	TEST RESULT - DRUG
drug	170	*	DRIVER CONDITION DRUGS
dry	23	1	Dry
dual	79	23	Dual left turn lane
dump	104	4	Dump
dusk	33	3	Dusk
east	19	2	( E) East
east	115	1	East
education	106	5	School / education
ejected	157	1	Ejected
ejected	305	0	Not ejected
ejection	157	*	DRIVER EJECTION
ejection	305	*	PERSON EJECTION
elderly	87	*	CRASH: ELDERLY DRIVER
embankment	116	36	Embankment
embankment	117	36	Embankment
embankment	118	36	Embankment
embankment	119	36	Embankment
embankment	124	36	Embankment
emergency	60	*	CRASH: EMERGENCY VEHICLE
emergency	106	3	In pursuit / on emergency
emergency	207	3	Qualified firefighters operating authori

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
endorsement	201	*	CDL H ENDORSEMENT
endorsement	202	*	CDL N ENDORSEMENT
endorsement	203	*	CDL P ENDORSEMENT
endorsement	204	*	CDL T ENDORSEMENT
endorsement	205	*	CDL X ENDORSEMENT
endorsement	206	*	CDL BUS ENDORSEMENT
engine	250	-9	Invalid check digit/engine code
engine	270	*	VINDICATOR - ENGINE
engineer	102	4	Train engineer (E)
engineer	116	19	Railroad train / engineer
engineer	117	19	Railroad train / engineer
engineer	118	19	Railroad train / engineer
engineer	119	19	Railroad train / engineer
engineer	124	19	Railroad train / engineer
engineer	154	51	(E) Engineer
engineer	301	6	Train engineer
engineer	302	51	(E) Engineer
entering	114	12	Entering parking
entrance	22	1	Entrance/exit ramp related
entry	28	2	Full access control (ramp entry and exit
equipment	57	*	CRASH: FARM EQUIPMENT
equipment	101	10	Other (non-registered farm equipment, co
equipment	105	5	Farm equipment (non-registered)
equipment	108	4	Farm equipment
equipped	156	3	Not equipped
equipped	304	3	Not equipped
event	116	*	SEQUENCE OF EVENTS #1
event	117	*	SEQUENCE OF EVENTS #2
event	118	*	SEQUENCE OF EVENTS #3
event	119	*	SEQUENCE OF EVENTS #4
event	120	*	EVENT 1 MOST HARMFUL
event	121	*	EVENT 2 MOST HARMFUL
event	122	*	EVENT 3 MOST HARMFUL
event	123	*	EVENT 4 MOST HARMFUL
event	124	*	MOST HARMFUL EVENT
exemption	207	*	CDL EXEMPTION
exit	22	1	Entrance/exit ramp related
exit	28	2	Full access control (ramp entry and exit
explosion	116	8	Fire / explosion
explosion	117	8	Fire / explosion
explosion	118	8	Fire / explosion
explosion	119	8	Fire / explosion
explosion	124	8	Fire / explosion
extent	112	*	EXTENT OF DAMAGE
exterior	154	14	Riding on vehicle exterior
exterior	302	14	Riding on vehicle exterior
failure	155	8	Restraint failure
failure	303	8	Restraint failure
farm	57	*	CRASH: FARM EQUIPMENT
farm	101	10	Other (non-registered farm equipment, co
farm	105	5	Farm equipment (non-registered)
farm	106	4	Farm use
farm	108	4	Farm equipment
farm	162	*	LICENSE TYPE - FARM
farm	207	1	Farm
fast	125	1	Speed too fast
fatal	64	*	CRASH: FATAL CRASH

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
fatal	67	1	Fatal
fatal	68	*	NUMBER FATAL IN CRASH
fatal	145	1	Fatal
fatalities	63	1	Injury crash (no fatalities)
fatality	63	0	No injuries (may be fatality)
fatality	64	0	No fatality (may be injuries)
fatals	143	*	NUMBER OF FATALS IN UNIT
fatigue	172	*	DRIVER CONDITION FATIGUE
fatigued	172	0	No, driver was not fatigued
fell	116	13	Individual fell from vehicle
fell	117	13	Individual fell from vehicle
fell	118	13	Individual fell from vehicle
fell	119	13	Individual fell from vehicle
fell	124	13	Individual fell from vehicle
female	166	2	Female
female	309	2	Female
fence	116	37	Fence
fence	117	37	Fence
fence	118	37	Fence
fence	119	37	Fence
fence	124	37	Fence
field	130	*	FIELD SOBRIETY TEST- ALC
fire	60	1	Police/fire/ambulance involved
fire	105	2	Fire vehicle
fire	116	8	Fire / explosion
fire	117	8	Fire / explosion
fire	118	8	Fire / explosion
fire	119	8	Fire / explosion
fire	124	8	Fire / explosion
firefighters	207	3	Qualified firefighters operating authori
first	110	*	FIRST IMPACT POINT
fixed	79	7	Fixed object
fixed	116	45	Other fixed object
fixed	117	45	Other fixed object
fixed	118	45	Other fixed object
fixed	119	45	Other fixed object
fixed	124	45	Other fixed object
flag	17	*	LOCATION FLAG
flatbed	104	3	Flatbed / platform
fleeing	45	*	CRASH: FLEEING/PURSUIING
fog/smoke	32	3	Fog/smoke
forward	12	1	Mainline forward or undivided
framework	74	*	FRAMEWORK VERSION
freeway	21	5	In the gore (area between ramp and freew
freeway	22	6	All other freeway areas
front	110	1	Front, center
front	111	1	Front, center
front	114	20	Avoiding vehicle (front/back)
front	154	1	Left side front (driver), in-line vehicl
front	302	1	Left side front (driver), in-line vehicl
full	28	2	Full access control (ramp entry and exit
garbage	104	7	Garbage / refuse
gas	106	9	Utility (gas, cable, etc.)
gender	166	*	DRIVER GENDER
gender	309	*	PERSON GENDER
go	101	7	Go Cart (GC)
gore	21	5	In the gore (area between ramp and freew

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
government	106	8	Other government nonemergency vehicle us
gps	75	*	GPS X COORDINATE
gps	76	*	GPS Y COORDINATE
grade	22	16	Railroad grade crossing related
grader	101	10	Other (non-registered farm equipment, co
grain	104	9	Grain, chips, gravel
grand	77	3	Grand
gravel	104	9	Grain, chips, gravel
gross	216	*	GROSS VEH WEIGHT RATING
guardrail	116	25	Guardrail face
guardrail	117	25	Guardrail face
guardrail	118	25	Guardrail face
guardrail	119	25	Guardrail face
guardrail	124	25	Guardrail face
hardtop	255	12	Hardtop
harmful	120	*	EVENT 1 MOST HARMFUL
harmful	121	*	EVENT 2 MOST HARMFUL
harmful	122	*	EVENT 3 MOST HARMFUL
harmful	123	*	EVENT 4 MOST HARMFUL
harmful	124	*	MOST HARMFUL EVENT
hazardous	103	2	Commercial truck AH (Group A vehicle, ha
hazardous	125	*	HAZARDOUS ACTION
hazardous	126	*	DRIVER HAZARDOUS CITATN
hazmat	217	*	HAZMAT: TYPE
hazmat	218	*	HAZMAT: CLASS
hazmat	219	*	HAZMAT: PLACARD
hazmat	220	*	HAZMAT: SPILL
head	79	22	Head on left turn
head-on	34	2	Head-on
head-on	79	11	Head-on
heavy	112	6	Heavy damage
height	263	*	VINDICATOR - HEIGHT
helmet	155	10	Helmet worn
helmet	303	10	Helmet worn
highway	13	*	HIGHWAY CLASS
highway	14	*	HIGHWAY NUMBER
highway	15	*	HIGHWAY CONTROL SECTION
highway	27	2	Divided highway, median strip, without t
highway	116	28	Highway traffic sign post
highway	117	28	Highway traffic sign post
highway	118	28	Highway traffic sign post
highway	119	28	Highway traffic sign post
highway	124	28	Highway traffic sign post
hit-and-run	44	*	CRASH: HIT-AND-RUN
holiday	48	*	CRASH: HOLIDAY CRASH
horsepower	266	0	Minimum horsepower data missing
horsepower	267	0	Maximum horsepower data missing
hour	9	*	HOUR OF WEEK
hour	24	5	5 miles per hour
hydrant	116	43	Fire hydrant
hydrant	117	43	Fire hydrant
hydrant	118	43	Fire hydrant
hydrant	119	43	Fire hydrant
hydrant	124	43	Fire hydrant
icy	23	3	Icy
ignition	137	*	IGNITION INTERLOCK
illegal	170	0	No, driver was not using illegal drugs



## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
illegally	116	17	Motor vehicle in transport(a motor veh
illegally	117	17	Motor vehicle in transport(a motor veh
illegally	118	17	Motor vehicle in transport(a motor veh
illegally	119	17	Motor vehicle in transport(a motor veh
immersion	116	9	Immersion
immersion	117	9	Immersion
immersion	118	9	Immersion
immersion	119	9	Immersion
immersion	124	9	Immersion
impact	110	*	FIRST IMPACT POINT
impact	111	*	WORST IMPACT POINT
impact	116	44	Impact attenuator (crash cushion)
impact	117	44	Impact attenuator (crash cushion)
impact	118	44	Impact attenuator (crash cushion)
impact	119	44	Impact attenuator (crash cushion)
impact	124	44	Impact attenuator (crash cushion)
incapacitating	67	2	A - incapacitating injury
incapacitating	145	2	A - incapacitating injury
incapacitating	167	2	Incapacitating injury
incapacitating	310	2	Incapacitating injury
individual	116	13	Individual fell from vehicle
individual	117	13	Individual fell from vehicle
individual	118	13	Individual fell from vehicle
individual	119	13	Individual fell from vehicle
individual	124	13	Individual fell from vehicle
injured	72	*	TOTAL INJURED IN CRASH
injured	144	0	0 injured
injured	147	*	TU TOTAL A INJURED - VEH
injured	148	*	TU TOTAL B INJURED - VEH
injured	149	*	TU TOTAL C INJURED - VEH
injured	150	*	TOTAL INJURED IN VEHICLE
injured	301	2	Injured passenger
injuries	63	0	No injuries (may be fatality)
injuries	64	0	No fatality (may be injuries)
injuries	144	*	NUMBER OF INJURIES- UNIT
injury	63	*	CRASH: INJURY CRASH
injury	67	*	WORST INJURY IN ACCIDENT
injury	145	*	WORST INJURY IN VEHICLE
injury	167	*	DRIVER DEGREE OF INJURY
injury	310	*	PERSON DEGREE OF INJURY
interchange	78	1	Interchange
interlock	137	*	IGNITION INTERLOCK
intermodal	104	11	Intermodal
international	253	35	International
intersecting	18	4	Intersecting street cannot be found in c
intersection	18	24	Missing intersection
intersection	19	10	( X) At intersection
intersection	22	7	Within intersection
intersection	78	2	Intersection
intersection	85	*	CRASH: INTERSECTION
intersection	114	24	Crossing at intersection
interstate	13	1	Interstate route
interstate	215	1	Interstate only
intra	215	*	INTER/INTRA STATE
intrastate	215	2	Intrastate
investigated	35	*	CRASH INVESTGTD AT SCENE
island	116	42	Traffic island

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
island	117	42	Traffic island
island	118	42	Traffic island
island	119	42	Traffic island
island	124	42	Traffic island
jackknife	116	10	Jackknife
jackknife	117	10	Jackknife
jackknife	118	10	Jackknife
jackknife	119	10	Jackknife
jackknife	124	10	Jackknife
julian	7	*	JULIAN DAY FROM 03-01-00
killed	68	1	1 killed
killed	143	0	0 killed
killed	146	*	TOTAL KILLED IN VEHICLE
killed	167	1	Killed
killed	310	1	Killed
lake	10	43	Lake
land rover	253	60	Land Rover
lane	20	*	NUMBER OF TRAFFIC LANES
lane	22	3	Transition area (increase or decrease in
lane	30	*	CONSTRUCTION LANE CLOSED
lane	79	23	Dual left turn lane
lane	84	*	CRASH: LANE DEPARTURE
lane	114	6	Changing lanes
lane	125	8	Improper lane use
lap	155	3	Lap belt only used
lap	303	3	Lap belt only used
large	257	4	Large
large	258	9	Large / cargo van
laying	114	29	Standing / laying in roadway
leaving	114	13	Leaving parking
left	34	3	Head-on / left turn
left	79	16	Rear left turn
left	110	6	Rear, left
left	111	6	Rear, left
left	114	2	Turning left
left	116	3	Ran off roadway left
left	117	3	Ran off roadway left
left	118	3	Ran off roadway left
left	119	3	Ran off roadway left
left	124	3	Ran off roadway left
left	125	6	Drove left of center
left	154	1	Left side front (driver), in-line vehicl
left	302	1	Left side front (driver), in-line vehicl
legal	22	13	Parking related (legal roadside)
legally	116	18	Parked motor vehicle (legally)
legally	117	18	Parked motor vehicle (legally)
legally	118	18	Parked motor vehicle (legally)
legally	119	18	Parked motor vehicle (legally)
length	261	*	VINDICATOR - LENGTH
license	159	*	DRIVER LICENSE STATE
license	160	*	LICENSE TYPE
license	161	*	LICENSE TYPE - CYCLE
license	162	*	LICENSE TYPE - FARM
license-recreational	163	*	LICENSE-RECREATIONAL DBL
light	33	*	LIGHT
light	107	2	Lights / reflectors
light	116	30	Luminaire / light support

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
light	117	30	Luminaire / light support
light	118	30	Luminaire / light support
light	119	30	Luminaire / light support
light	124	30	Luminaire / light support
lighted	33	4	Dark lighted
limit	24	*	SPEED LIMIT AT CRASHSITE
limit	25	*	POSTED SPEED LIMIT
local	14	999	Local road or unknown
local	41	*	CRASH:SPECIAL LOCAL STDY
located	13	8	Not located (spaces)
located	17	1	Successfully located
log	214	3	Log book
logging	104	12	Logging
loop	13	4	Interstate business loop or spur
luminaire	116	30	Luminaire / light support
luminaire	117	30	Luminaire / light support
luminaire	118	30	Luminaire / light support
luminaire	119	30	Luminaire / light support
luminaire	124	30	Luminaire / light support
luxury	258	3	Luxury
mailbox	116	38	Mailbox
mailbox	117	38	Mailbox
mailbox	118	38	Mailbox
mailbox	119	38	Mailbox
mailbox	124	38	Mailbox
mainline	12	1	Mainline forward or undivided
maintenance	29	1	Construction/maintenance
maintenance	105	6	Construction / maintenance equipment
maintenance	106	10	Road construction / maintenance
make	180	*	VIN - MAKE
make	253	*	VINDICATOR - MAKE
make	254	*	VINDICATOR - MAKE/MODEL
making	114	16	Making U-turn
male	166	1	Male
male	309	1	Male
maximum	267	0	Maximum horsepower data missing
maximum horsepower	267	*	VINDICATOR - MAXHP
median	21	2	In the median
median	22	2	Median crossing related
median	27	2	Divided highway, median strip, without t
median	116	2	Cross centerline / median
median	117	2	Cross centerline / median
median	118	2	Cross centerline / median
median	119	2	Cross centerline / median
median	124	2	Cross centerline / median
medical	208	*	MEDICAL CARD PRESENTED
medicine	174	0	No, driver was not using medicine
mid-block	78	3	Mid-block
middle	154	5	2nd row middle
middle	302	2	Front middle
midland	10	56	Midland
midnight	5	0	12:00 midnight -1:00 AM
midnight	9	0	12:00 midnight - 12:59 AM Sunday
midsize	257	3	Midsize
milepoint	16	*	CONTROL SECTION MLPT
military	106	7	Military vehicle
military	207	2	Qualified military drivers in military v

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
mini	253	72	Mini
mini	257	1	Mini
minimum	266	0	Minimum horsepower data missing
minimum horsepower	266	*	VINDICATOR - MINHP
mix	37	*	TRAFFIC UNIT MIX
mixer	104	5	Concrete mixer
model	250	61	VIN model year / pattern conflict
model	254	*	VINDICATOR - MAKE/MODEL
moped	37	4	Car - motorcycle, moped
moped	101	6	Moped (MO)
moped	160	3	Moped license
motion	116	17	Motor vehicle in transport(a motor veh
motion	117	17	Motor vehicle in transport(a motor veh
motion	118	17	Motor vehicle in transport(a motor veh
motion	119	17	Motor vehicle in transport(a motor veh
motor	34	1	Single motor vehicle
motor	39	*	TOTAL MOTOR VEHICLES
motor	102	1	Motor vehicle (M) (any motorized vehicle
motor	116	17	Motor vehicle in transport(a motor veh
motor	117	17	Motor vehicle in transport(a motor veh
motor	118	17	Motor vehicle in transport(a motor veh
motor	119	17	Motor vehicle in transport(a motor veh
motor	124	17	Motor vehicle in transport
motor	301	1	Motor vehicle driver
motorcycle	37	4	Car - motorcycle, moped
motorcycle	55	*	CRASH: MOTORCYCLE
motorcycle	250	71	Motorcycle or ATV VIN, inappropriate veh
motorhome	101	2	Van, motorhome (VA)
motorized	102	1	Motor vehicle (M) (any motorized vehicle
muddy	23	5	Muddy
negative	141	+	Negative
negligent	125	16	Careless / negligent driving
non-cdl	103	98	Non-CDL vehicle, no truck supplement dat
non-cdl	104	0	Non-CDL vehicle/ no truck supplement dat
non-cdl	201	8	Non-CDL vehicle, no data
non-cdl	202	8	Non-CDL vehicle, no data
non-cdl	203	8	Non-CDL vehicle, no data
non-cdl	204	8	Non-CDL vehicle, no data
non-cdl	205	8	Non-CDL vehicle, no data
non-cdl	206	8	Non-CDL vehicle, no data
noncollision	116	14	Other noncollision
noncollision	117	14	Other noncollision
noncollision	118	14	Other noncollision
noncollision	119	14	Other noncollision
noncollision	124	14	Other noncollision
noncommercial	108	*	NONCOMM TRAILER CONFIG
nonemergency	106	8	Other government nonemergency vehicle us
nonfixed	116	21	Other nonfixed object
nonfixed	117	21	Other nonfixed object
nonfixed	118	21	Other nonfixed object
nonfixed	119	21	Other nonfixed object
nonfixed	124	21	Other nonfixed object
nonincapacitating	67	3	B - nonincapacitating injury
nonincapacitating	145	3	B - nonincapacitating injury
nonincapacitating	167	3	Nonincapacitating injury
nonincapacitating	310	3	Nonincapacitating injury
nonmotorist	52	1	Nonmotorist record present

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
non-numeric	41	9	Non-numeric data
non-numeric	42	9	Non-numeric data
non-numeric	43	9	Non-numeric data
non-numeric	44	9	Non-numeric data
non-numeric	45	9	Non-numeric data
non-numeric	46	9	Non-numeric data
non-numeric	47	9	Non-numeric data
non-numeric	48	9	Non-numeric data
non-numeric	103	99	Non-numeric data
non-registered	101	10	Other (non-registered farm equipment, co
non-registered	105	5	Farm equipment (non-registered)
nontraffic	22	19	Nontraffic area
nontraffic	27	5	Nontraffic
nontraffic	28	4	Nontraffic
nontraffic	61	*	CRASH: NONTRAFFIC CRASH
nontraffic	78	4	Nontraffic
non-truck	200	8	Non-truck, no data
non-truck	207	8	Non-truck
non-truck	208	8	Non-truck, no data
non-truck	209	8	Non-truck, no data
non-truck	210	8	Non-truck, no data
non-truck	211	8	Non-truck, no data
non-truck	212	8	Non-truck, no data
non-truck	213	8	Non-truck, no data
non-truck	214	8	Non-truck, no data
non-truck	215	8	Non-truck, no data
non-truck	216	999998	Non-truck, no data
non-truck	217	9998	Non-truck, no data
non-truck	218	98	Non-truck, no data
non-truck	219	8	Non-truck, no data
non-truck	220	8	Non-truck, no data
normal	168	*	DRIVER CONDITION NORMAL
north	19	4	( N) North
north	77	2	North
north	115	2	North
northeast	19	5	(NE) Northeast
northeast	115	3	Northeast
northwest	19	6	(NW) Northwest
northwest	115	4	Northwest
occupant	66	*	TOTAL OCCUPANTS IN CRASH
occupant	142	*	TOTAL OCCUPANTS IN UNIT
occupant	153	*	TDC TOTL OCC RECS FOR TU
offered	135	0	No alcohol test offered
offered-alcohol	135	*	TEST OFFERED-ALCOHOL
off-road	56	1	Off-Road Vehicle involved
off-road	101	9	Off-Road Vehicle - ORV / All-Terrain Veh
one-way	12	2	Mainline reverse (always divided one-way
one-way	27	4	One-way trafficway
operated	102	1	Motor vehicle (M) (any motorized vehicle
operating	207	3	Qualified firefighters operating authori
operator	160	1	Operators license
original	19	*	ORIGINAL DIRECTION
outside	12	3	Outside forward (always divided one-way,
outside	21	4	Outside of the shoulder/curb-line
overtaking	114	17	Overtaking or passing
overturn	79	1	Overturn
overturn	116	6	Overturn

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
overturn	117	6	Overturn
overturn	118	6	Overturn
overturn	119	6	Overturn
overturn	124	6	Overturn
papers	214	1	Papers
parapet	116	23	Bridge parapet end
parapet	117	23	Bridge parapet end
parapet	118	23	Bridge parapet end
parapet	119	23	Bridge parapet end
parapet	124	23	Bridge parapet end
parked	79	3	Parked vehicle
parked	84	3	Parked vehicle
parked	114	23	Parked
parked	116	17	Motor vehicle in transport(a motor veh
parked	117	17	Motor vehicle in transport(a motor veh
parked	118	17	Motor vehicle in transport(a motor veh
parked	119	17	Motor vehicle in transport(a motor veh
parked	124	18	Parked motor vehicle
parking	22	13	Parking related (legal roadside)
parking	79	5	Parking
parking	114	12	Entering parking
partial	28	3	Other (partial access control)
party	301	*	PARTY TYPE
passenger	101	1	Passenger car & station wagon (PA)
passenger	103	4	Commercial truck AP (Group A vehicle, pa
passenger	154	4	2nd row left, in-line vehicle passenger
passenger	255	1	2-3 passenger
passenger	256	0	Passenger cars or no data
passenger	258	5	Passenger van
passenger	264	4	Air bags (driver + passenger)
passenger	301	2	Injured passenger
passenger	302	4	2nd row left, in-line vehicle passenger
passing	114	17	Overtaking or passing
passing	125	7	Improper passing
pedalcycle	116	16	Bicyclist (pedalcycle)
pedalcycle	117	16	Bicyclist (pedalcycle)
pedalcycle	118	16	Bicyclist (pedalcycle)
pedalcycle	119	16	Bicyclist (pedalcycle)
pedalcycle	124	16	Bicyclist (pedalcycle)
pedalcyclist	37	6	Car - pedestrian, pedalcyclist
pedestrian	37	6	Car - pedestrian, pedalcyclist
pedestrian	51	*	CRASH: PEDESTRIAN
pedestrian	79	6	Pedestrian
pedestrian	102	2	Pedestrian (P)
pedestrian	114	19	Avoiding pedestrian
pedestrian	116	15	Pedestrian
pedestrian	117	15	Pedestrian
pedestrian	118	15	Pedestrian
pedestrian	119	15	Pedestrian
pedestrian	124	15	Pedestrian
pedestrian	154	52	(P) Pedestrian
pedestrian	301	5	Pedestrian
pedestrian	302	52	(P) Pedestrian
pickup	101	3	Pickup truck (PU)
pickup	256	2	Pickups and chassis cabs
pickup	258	6	Pickup
pier	116	22	Bridge / pier / abutment

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
pier	117	22	Bridge / pier / abutment
pier	118	22	Bridge / pier / abutment
pier	119	22	Bridge / pier / abutment
pier	124	22	Bridge / pier / abutment
placard	219	*	HAZMAT: PLACARD
platform	104	3	Flatbed / platform
playing	114	32	Playing in roadway
plow	101	10	Other (non-registered farm equipment, co
point	110	*	FIRST IMPACT POINT
point	111	*	WORST IMPACT POINT
pole	104	10	Pole
pole	116	31	Utility pole
pole	117	31	Utility pole
pole	118	31	Utility pole
pole	119	31	Utility pole
pole	124	31	Utility pole
police	60	1	Police/fire/ambulance involved
police	105	1	Police vehicle
position	154	*	DRIVER POSITION
position	302	*	PERSON POSITION
post	116	28	Highway traffic sign post
post	117	28	Highway traffic sign post
post	118	28	Highway traffic sign post
post	119	28	Highway traffic sign post
post	124	28	Highway traffic sign post
posted	25	*	POSTED SPEED LIMIT
primary	18	3	Primary Street (PR) cannot be found in c
private	105	3	Bus (commercial, private, school)
private	106	1	Private
property	62	*	CRASH: PROPERTY DAMAGE
property	65	*	PUBLIC PROPERTY DAMAGED
public	65	*	PUBLIC PROPERTY DAMAGED
pursuing	45	*	CRASH: FLEEING/PURSUIING
pursuit	45	0	No pursuit
pursuit	106	3	In pursuit / on emergency
pushing	114	30	Pushing / working on vehicle
qualified	207	2	Qualified military drivers in military v
rail	116	24	Bridge rail
rail	117	24	Bridge rail
rail	118	24	Bridge rail
rail	119	24	Bridge rail
rail	124	24	Bridge rail
railroad	22	16	Railroad grade crossing related
railroad	116	19	Railroad train / engineer
railroad	117	19	Railroad train / engineer
railroad	118	19	Railroad train / engineer
railroad	119	19	Railroad train / engineer
railroad	124	19	Railroad train / engineer
rain	32	4	Rain
ramp	12	5	Ramps and other short trunkline elements
ramp	18	9	Direction used on ramp is not ER (end ra
ramp	19	1	(BR) Begin ramp
ramp	21	5	In the gore (area between ramp and freew
ramp	22	1	Entrance/exit ramp related
ramp	28	2	Full access control (ramp entry and exit
rating	216	*	GROSS VEH WEIGHT RATING
rear	79	13	Rear straight

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
rear	110	4	Rear, right
rear	111	4	Rear, right
rear-end	34	5	Rear-end
reckless	125	15	Reckless driving
recognized	250	81	Recognized VIN, inappropriate vehicle ma
recreational	108	6	Recreational double
recreational	163	0	No recreational double
re-enter	116	5	Re-enter roadway
re-enter	117	5	Re-enter roadway
re-enter	118	5	Re-enter roadway
re-enter	119	5	Re-enter roadway
re-enter	124	5	Re-enter roadway
reflector	107	2	Lights / reflectors
refusal	129	*	REFUSAL INFORMATION- ALC
refuse	104	7	Garbage / refuse
refuse	129	0	Did not refuse alcohol test or not offer
refused	129	1	Refused alcohol test
region	77	*	MDOT REGION
registration	109	*	REGISTRATION STATE
relation	21	*	RELATION TO ROADWAY
repairable	112	7	Heavy damage, not repairable
rest	22	4	Rest area related
restraint	155	*	DRIVER RESTRAINT
restraint	264	*	VINDICATOR - RSTN
restraint	303	*	PERSON RESTRAINT
restriction	209	*	CDL RESTRICTION 28
restriction	210	*	CDL RESTRICTION 29
restriction	211	*	CDL RESTRICTION 30
restriction	212	*	CDL RESTRICTION 35
restriction	213	*	CDL RESTRICTION 36
result	136	*	TEST RESULT - ALCOHOL
result	141	*	TEST RESULT - DRUG
riding	154	13	Riding in/on trailing unit
riding	302	13	Riding in/on trailing unit
right	34	7	Rear-end right turn
right	79	17	Rear right turn
right	110	2	Front, right
right	111	2	Front, right
right	114	3	Turning right
right	116	4	Ran off roadway right
right	117	4	Ran off roadway right
right	118	4	Ran off roadway right
right	119	4	Ran off roadway right
right	124	4	Ran off roadway right
right	154	6	2nd row right
right	302	3	Front right
road	13	9	County road, city street, or unknown
road	14	999	Local road or unknown
road	21	1	On the road
road	22	*	AREA OF ROAD AT CRASH
road	23	*	ROAD CONDITIONS
road	31	1	On road
road	101	10	Other (non-registered farm equipment, co
road	106	10	Road construction / maintenance
roadside	22	13	Parking related (legal roadside)
roadway	20	0	Crash occurred on other than a roadway
roadway	21	*	RELATION TO ROADWAY



## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
roadway	22	10	Straight roadway not related to other se
roadway	114	4	Stopped on roadway
roadway	116	3	Ran off roadway left
roadway	117	3	Ran off roadway left
roadway	118	3	Ran off roadway left
roadway	119	3	Ran off roadway left
roadway	124	3	Ran off roadway left
rollover	110	0	Rollover
rollover	111	0	Rollover
route	13	1	Interstate route
row	154	4	2nd row left, in-line vehicle passenger
row	302	4	2nd row left, in-line vehicle passenger
runaway	116	11	Downhill runaway
runaway	117	11	Downhill runaway
runaway	118	11	Downhill runaway
runaway	119	11	Downhill runaway
runaway	124	11	Downhill runaway
scale	22	5	Scale/weigh station related
school	47	*	CRASH: SCHOOL BUS
school	105	3	Bus (commercial, private, school)
school	106	5	School / education
section	12	*	CONTROL SECTION
section	15	*	HIGHWAY CONTROL SECTION
section	16	*	CONTROL SECTION MLPT
section	154	10	In sleeper section
section	302	10	In sleeper section
sedan	255	8	Sedan
sequence	116	*	SEQUENCE OF EVENTS #1
sequence	117	*	SEQUENCE OF EVENTS #2
sequence	118	*	SEQUENCE OF EVENTS #3
sequence	119	*	SEQUENCE OF EVENTS #4
severe wind	32	6	Severe wind
shift	116	12	Cargo loss / shift
shift	117	12	Cargo loss / shift
shift	118	12	Cargo loss / shift
shift	119	12	Cargo loss / shift
shift	124	12	Cargo loss / shift
short	12	5	Ramps and other short trunkline elements
shoulder	21	3	On the shoulder
shoulder	155	2	Shoulder belt only used
shoulder	303	2	Shoulder belt only used
sick	171	*	DRIVER CONDITION SICK
sideswipe	34	8	Sideswipe same direction
sideswipe	79	15	Sideswipe same direction
sign	26	2	Stop sign
sign	116	28	Highway traffic sign post
sign	117	28	Highway traffic sign post
sign	118	28	Highway traffic sign post
sign	119	28	Highway traffic sign post
sign	124	28	Highway traffic sign post
signal	26	1	Signal
signal	116	29	Highway signal post
signal	117	29	Highway signal post
signal	118	29	Highway signal post
signal	119	29	Highway signal post
signal	124	29	Highway signal post
single	34	1	Single motor vehicle

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
single	37	1	Single traffic unit
single	84	1	Single vehicle
size	257	*	VINDICATOR - SIZE
sleeper	154	10	In sleeper section
sleeper	302	10	In sleeper section
sleet/hail	32	7	Sleet/hail
slight	112	1	Slight damage
slow	125	2	Speed too slow
slowing	114	8	Slowing/stopping on roadway
slushy	23	6	Slushy
small	101	4	Small truck under 10,000 lbs. GVWR (ST)
small	257	2	Small
smart	253	76	Smart
snow	101	10	Other (non-registered farm equipment, co
snow/blowing snow	32	5	Snow/blowing snow
snowmobile	54	*	CRASH: SNOWMOBILE
snowmobile	101	8	Snowmobile (SM)
snowy	23	4	Snowy
sobriety	130	*	FIELD SOBRIETY TEST- ALC
south	19	7	( S) South
south	115	5	South
southeast	19	8	(SE) Southeast
southeast	115	6	Southeast
southwest	19	9	(SW) Southwest
southwest	77	5	Southwest
southwest	115	7	Southwest
special	41	*	CRASH:SPECIAL LOCAL STDY
special	42	*	CRASH:SPECIAL STATE STDY
special	43	*	CRASH:NO SPECIAL CIRCUMS
special	105	*	SPECIAL VEHICLE
specialty	258	12	Specialty car
specific	18	6	Location matches more than one specific
speed	24	*	SPEED LIMIT AT CRASHSITE
speed	25	*	POSTED SPEED LIMIT
speed	125	1	Speed too fast
spill	220	*	HAZMAT: SPILL
sports	258	4	Sports
standard	257	7	Standard
standing	114	29	Standing / laying in roadway
state	42	*	CRASH:SPECIAL STATE STDY
state	109	*	REGISTRATION STATE
state	159	*	DRIVER LICENSE STATE
state	215	*	INTER/INTRA STATE
state	228	*	CARRIER STATE
statewide	77	0	Statewide multi-region
station	22	5	Scale/weigh station related
station	101	1	Passenger car & station wagon (PA)
station	258	11	Station wagon
status	36	*	COMPLAINT STATUS
steering	107	3	Steering
sterling	253	59	Sterling
stop	26	2	Stop sign
stop	125	12	Unable to stop in assured clear distance
straight	22	10	Straight roadway not related to other se
straight	79	12	Angle straight
straight	114	1	Going straight ahead
street	13	9	County road, city street, or unknown

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
street	18	3	Primary Street (PR) cannot be found in c
streets	18	5	Two (2) streets given do not intersect i
strip	27	2	Divided highway, median strip, without t
study	41	*	CRASH:SPECIAL LOCAL STDY
study	42	*	CRASH:SPECIAL STATE STDY
style	258	*	VINDICATOR - STYLE CLASS
substitution	251	8	Character substitution data missing
superior	77	1	Superior
support	116	30	Luminaire / light support
support	117	30	Luminaire / light support
support	118	30	Luminaire / light support
support	119	30	Luminaire / light support
support	124	30	Luminaire / light support
suspected	138	*	DRUGS SUSPECTED
tank	104	2	Cargo tank
test	129	0	Did not refuse alcohol test or not offer
test	130	0	No field sobriety test
test	131	*	PBT TEST - ALCOHOL
test	132	*	BREATHALYZER TEST
test	133	*	URINE TEST - ALCOHOL
test	134	*	BLOOD TEST - ALCOHOL
test	135	*	TEST OFFERED-ALCOHOL
test	136	*	TEST RESULT - ALCOHOL
test	139	*	BLOOD TEST - DRUG
test	140	*	URINE TEST - DRUG
test	141	*	TEST RESULT - DRUG
test	130	*	FIELD SOBRIETY TEST- ALC
time	5	*	TIME OF DAY
tire	107	4	Tires / wheels
towed	108	5	Towed auto
towing	104	13	Vehicle towing vehicle
township	11	*	CITY OR TOWNSHIP
township	18	2	Invalid city/township
tractor	101	10	Other (non-registered farm equipment, co
traffic	20	*	NUMBER OF TRAFFIC LANES
traffic	26	*	TRAFFIC CONTROL
traffic	27	2	Divided highway, median strip, without t
traffic	37	*	TRAFFIC UNIT MIX
traffic	102	*	TRAFFIC UNIT TYPE
traffic	114	27	In roadway with traffic
traffic	116	28	Highway traffic sign post
traffic	117	28	Highway traffic sign post
traffic	118	28	Highway traffic sign post
traffic	119	28	Highway traffic sign post
traffic	124	28	Highway traffic sign post
traffic	125	4	Disregard traffic control
traffic-unit	147	*	TU TOTAL A INJURED - VEH
traffic-unit	148	*	TU TOTAL B INJURED - VEH
traffic-unit	149	*	TU TOTAL C INJURED - VEH
traffic-unit	153	*	TDC TOTL OCC RECS FOR TU
trafficway	27	*	TRAFFICWAY
trailer	108	*	NONCOMM TRAILER CONFIG
trailing	154	13	Riding in/on trailing unit
trailing	302	13	Riding in/on trailing unit
train	58	*	CRASH: TRAIN
train	79	2	Train
train	102	4	Train engineer (E)

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
train	116	19	Railroad train / engineer
train	117	19	Railroad train / engineer
train	118	19	Railroad train / engineer
train	119	19	Railroad train / engineer
train	124	19	Railroad train / engineer
train	301	6	Train engineer
transition	22	3	Transition area (increase or decrease in
transmission	269	*	VINDICATOR - TRANS
transport	116	17	Motor vehicle in transport(a motor veh
transport	117	17	Motor vehicle in transport(a motor veh
transport	118	17	Motor vehicle in transport(a motor veh
transport	119	17	Motor vehicle in transport(a motor veh
transport	124	17	Motor vehicle in transport
transporter	104	6	Auto transporter
trapped	158	*	DRIVER TRAPPED
trapped	306	*	PERSON TRAPPED
travel	22	3	Transition area (increase or decrease in
travel	108	2	Travel trailer
travel	115	*	DIRECTION OF TRAVEL
tree	116	39	Tree
tree	117	39	Tree
tree	118	39	Tree
tree	119	39	Tree
tree	124	39	Tree
truck	37	3	Car - truck
truck	40	*	NUMBER TRUCK SUPPL FORMS
truck	59	*	CRASH: TRUCK OR BUS
truck	101	3	Pickup truck (PU)
truck	103	*	CDL TRUCK TYPE
truck	104	0	Non-CDL vehicle/ no truck supplement dat
truck	258	13	Specialty truck
trunkline	12	0	No trunkline involved
turn	34	3	Head-on / left turn
turn	79	14	Angle turn
turn	125	9	Improper turn
two-way	27	1	Not physically divided (two-way trafficw
type	29	*	CONSTRUCTION TYPE
type	34	*	CRASH TYPE
type	78	*	MDOT AREA TYPE
type	79	*	MDOT CRASH TYPE
type	101	*	VEHICLE TYPE
type	102	*	TRAFFIC UNIT TYPE
type	103	*	CDL TRUCK TYPE
type	104	*	CDL CARGO BODY TYPE
type	160	*	LICENSE TYPE
type	161	*	LICENSE TYPE - CYCLE
type	162	*	LICENSE TYPE - FARM
type	200	*	CDL GROUP TYPE
type	217	*	HAZMAT: TYPE
type	221	*	TYPE & AXLES - 1ST UNIT
type	222	*	TYPE & AXLES - 2ND UNIT
type	223	*	TYPE & AXLES - 3RD UNIT
type	224	*	TYPE & AXLES - 4TH UNIT
type	301	*	PARTY TYPE
undercarriage	110	9	Undercarriage
undercarriage	111	9	Undercarriage
undivided	12	1	Mainline forward or undivided

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
unenclosed	154	12	Other unenclosed passenger area / cargo
unenclosed	302	12	Other unenclosed passenger area / cargo
uninjured	152	*	TOTAL UNINJURED IN UNIT
uninjured	301	3	Uninjured passenger
university	77	6	University
unlighted	33	5	Dark unlighted
unlimited	28	1	No access control (unlimited access)
updated	17	6	Protest updated, resend
updated	18	14	TCRS updated county on location
urine	133	*	URINE TEST - ALCOHOL
urine	140	*	URINE TEST - DRUG
utility	29	2	Utility
utility	106	9	Utility (gas, cable, etc.)
utility	108	1	Utility
utility	116	31	Utility pole
utility	117	31	Utility pole
utility	118	31	Utility pole
utility	119	31	Utility pole
utility	124	31	Utility pole
utility	256	3	Utility vehicles
utility	258	8	Utility
u-turn	114	16	Making U-turn
valid	250	41	VIN does not match any valid pattern
van	101	2	Van, motorhome (VA)
van	104	1	Van (enclosed box)
van	256	1	Vans (All cargo & large passenger vans)
van	258	5	Passenger van
vehicle type	256	*	VINDICATOR - VEHTP
version	74	*	FRAMEWORK VERSION
vindicator	250	*	VINDICATOR - IERR
vindicator	251	*	VINDICATOR - ALTSW
vindicator	252	*	VINDICATOR - YEAR
vindicator	253	*	VINDICATOR - MAKE
vindicator	254	*	VINDICATOR - MAKE/MODEL
vindicator	255	*	VINDICATOR - BODY
vindicator	256	*	VINDICATOR - VEHTP
vindicator	257	*	VINDICATOR - SIZE
vindicator	258	*	VINDICATOR - STYLE CLASS
vindicator	259	*	VINDICATOR - WEIGHT
vindicator	260	*	VINDICATOR - WHLBS
vindicator	261	*	VINDICATOR - LENGTH
vindicator	262	*	VINDICATOR - WIDTH
vindicator	263	*	VINDICATOR - HEIGHT
vindicator	264	*	VINDICATOR - RSTN
vindicator	265	*	VINDICATOR - ATD / DRL
vindicator	266	*	VINDICATOR - MINHP
vindicator	267	*	VINDICATOR - MAXHP
vindicator	268	*	VINDICATOR - ABS
vindicator	269	*	VINDICATOR - TRANS
vindicator	270	*	VINDICATOR - ENGINE
wagon	101	1	Passenger car & station wagon (PA)
wagon	255	4	Wagon
wagon	258	11	Station wagon
way	125	5	Drove wrong way
weather	32	*	WEATHER
week	6	*	WEEK OF YEAR
week	8	*	DAY OF WEEK

## Michigan 2010 Index (continued)

Item	Var	CV	Variable Name or Code Value
week	9	*	HOUR OF WEEK
weigh	22	5	Scale/weigh station related
weight	216	*	GROSS VEH WEIGHT RATING
weight	259	*	VINDICATOR - WEIGHT
west	19	11	( W) West
west	115	8	West
wet	23	2	Wet
wheel	107	4	Tires / wheels
wheelbase	260	*	VINDICATOR - WHLBS
width	262	*	VINDICATOR - WIDTH
window	107	5	Windows
work	114	31	Other work in roadway
working	114	30	Pushing / working on vehicle
worst	67	*	WORST INJURY IN ACCIDENT
worst	111	*	WORST IMPACT POINT
worst	145	*	WORST INJURY IN VEHICLE
wrong	125	5	Drove wrong way
year	4	*	ACCIDENT YEAR
year	6	*	WEEK OF YEAR
year	165	0	Less than 1 year old
year	179	*	VIN - VEHICLE YEAR
year	250	61	VIN model year / pattern conflict
year	252	*	VINDICATOR - YEAR
year	308	0	Less than 1 year old
yield	26	3	Yield sign
yield	125	3	Failed to yield
young	86	*	CRASH: YOUNG DRIVER
younger	86	15	Driver age 15 or younger

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APPENDIX A

Drugs used in Variable 141

"Test Result - Drug"





## Alphabetical Drug Index

Acetaminophen + Codeine	100	Aprobarbital	379
Acetorphine	101	Aspirin + Codeine	114
Acetyl-alpha-methylfentanyl	102		
Acetyldihydrocodeine	103	Barbitol	302
Acetylmethadol	104	Barbiturates	303
Aerosols (hydrocarbon)	940	Barbituric Acid Derivative	380
Alfentanil	105	Benzethidine	115
Allylprodine	106	Benzitramide	116
<b>Alpha, Beta-dihydroxy-alpha-androstane</b>	<b>828</b>	Benzodiazepines	304
Alphacetylmethadol	220	Benzoylecgonine	402
Alpha-Ethyltryptamine	523	Benzphetamine	403
<b>Alpha-methyl-alpha-beta-dihydroxy-alpha-androstane</b>	<b>829</b>	Benzylfentanyl	305
<b>Alpha-methyl-beta-beta-dihydroxy-alpha-androstane</b>	<b>830</b>	Benzylmorphine	117
<b>Alpha-methyl-beta-beta-dihydroxy-androstene</b>	<b>831</b>	<b>Beta, beta-dihydroxy-alpha-androstane</b>	<b>837</b>
<b>Alpha-methyl-delta 1-dihydrotestosterone</b>	<b>832</b>	Beta-Hydroxy-3-methylfentanyl	221
Alpha-methylfentanyl	107	Beta-hydroxyfentanyl	118
<b>Alpha-methyl-hydroxynandrolone</b>	<b>833</b>	Betacetylmethadol	119
Alpha-methylthiofentanyl	108	Betameprodine	120
<b>Alpha-methyltryptamine</b>	<b>534</b>	Betamethadol	121
Alphameprodine	109	Betaprodine	122
Alphamethadol	110	Bezitramide	123
Alphaprodine	111	<b>Bolasterone</b>	<b>838</b>
Alprazolam	300	Boldenone	800
Aminorex	428	Bromo-dimethoxyamphetamine	524
Amobarbital	301	Bromo-dimethoxyphenethylamine	525
Amobarbital & non-controlled active ingred.	378	Bromazepam	306
<b>Amobarbital suppository dosage form</b>	<b>388</b>	Bufotenine	501
Amphetamine	401	Buprenorphine	124
Amphetamine Sulfate	400	Butobarbital	307
Amphetamine Variants	500	Butalbitol	308
Amyl Nitrite	921	<b>Butobarbital (butethal)</b>	<b>389</b>
Anabolic Steroid, Type Unknown	895	Butorphanol	218
<b>Androstanedione</b>	<b>834</b>	Butly Nitrite	923
<b>Androstenediol</b>	<b>835</b>		
<b>Androstenedione</b>	<b>836</b>	<b>Calusterone</b>	<b>839</b>
Anesthetic Gases	920	Camazepam	309
Anileridine	112	"Cannabinoid, Type Unknown"	695
APC + Codeine	113	Carbamate	310
		Carfentanil	125
		Carisoprodol	376
		Cathine (Norpseudoephedrine)	404
		Cathinone	429
		Chloral betaine	311
		Chloralhydrate	312
		Chlordiazepoxide	313

## Alphabetical Drug Index

Chlorhexadol	314	<b>Difenoxin 1 mg/25ug AtSO4/du</b>	<b>242</b>
Chloroform	926	<b>Difenoxin preparations –</b>	
Chlorotestosterone	801	<b>0.5 mg/25 ug AtSO4/du</b>	<b>243</b>
Chlorphentermine	405	Dihydrocodeine	136
Chlostebol	802	<b>Dihydrocodeine combination</b>	
Clobazam	315	<b>product 90 mg/du</b>	<b>244</b>
Clonazepam	316	<b>Dihydrocodeine preparations</b>	
Clonitazene	126	<b>10 mg/100 ml or 100 gm</b>	<b>245</b>
Clorazepate	382	Dihydromorphine	137
Clorazepate Dipotassium	317	Dihydrotestosterone	804
Clortermine	406	Dihydroetrophine	226
Clostebol	827	Dimenoxadol	138
Clotiazepam	318	Dimepheptanol	139
Cloxazolam	319	Dimethoxyamphetamine(DOM)	504
Coca Leaves	430	<b>Dimethoxyethylamphetamine</b>	<b>535</b>
Cocaine	407	<b>Dimethoxy-(n)-propyl-</b>	
Codeine	128	<b>thiophenethylamine</b>	<b>536</b>
<b>Codeine combination product</b>		Dimethylamphetamine	532
<b>90 mg/du</b>	<b>240</b>	Dimethylthiambutene	140
<b>Codeine preparations – 200 mg/</b>		Dimethyltryptamine (DMT)	505
<b>100 ml or 100 gm</b>	<b>241</b>	Dioxaphetyl Butyrate	141
Codeine & isoquinoline	222	Diphenoxylate	142
		<b>Diphenoxylate preparations</b>	
Codeine methylbromide	127	<b>2.5 mg/25 ug AtSO4</b>	<b>246</b>
Codeine-N-oxide	223	Dipipanone	143
Cyprenorphine	129	Diprenorphine	227
		Diprenorphine Hydrochloride	145
Dehydrochlormethyltestosterone	803	DMA	506
Delorazepam	320	Dronabinol	507
<b>Delta 1-dihydrotestosterone</b>	<b>840</b>	Drostanolone	805
Delta 9	600	Drotebanol	144
“Depressants, Type Unknown”	395		
Desomorphine	130	Ecgonine	410
Dexfenfluramine	383	<b>Embutramide</b>	<b>390</b>
Dextroamphetamine	408	Estazolam	322
Dextromoramide	131	Ethchlorvynol	323
Dextropropoxyphene	224	Ether	925
Diacetylmorphine	132	Ethinamate	324
Diampromide	133	Ethyl loflazepate	325
Diazepam	321	<b>Ethylmorphine combination</b>	
Dichloralphenazone	431	<b>product 15 mg/du</b>	<b>247</b>
Diethylpropion	409	<b>Ethylmorphine preparations</b>	<b>100</b>
Diethylthiambutene	134	<b>mg/100 ml or 100 gm</b>	<b>248</b>
Diethyltryptamine (DET)	503	Ethyl-phenylcyclohexylamine	533
Difenoxin	225	Ethyl-pipirdylbenzilate	508
Difenoxin	135	Ethylamine	700

## Alphabetical Drug Index

Ethylestrenol	806	Hydroxypethidine	158
Ethylmethylthiambutene	146	<b>Hydroxytestosterone</b>	<b>843</b>
Ethylmorphine	147	Hydroxzine	334
Etonitazene	148	Ibogaine	509
Etorphine	149	“Inhalants, Type Unknown”	995
Etoxerdine	150	Insecticides	942
		Isomethadone	159
Fencamfamin	411		
Fenethylline	412	Ketamine	522
Fenfluramine	413	Ketazolam	335
Fenproporex	414	Ketobemidone	160
Fentanyl	151		
Fiorinal + Codeine	152	Lacquer Thinners	904
Fiorinol	326	Levo-alphaacetylmethado	228
Fludiazepam	327	Levomoramide	161
Flunitrazepam	328	Levophenacylmorphin	162
Fluoxymesterone	807	Levomethorphan	163
Flurazepam	384	Levorphanol	229
Flurazepam Hydrochloride	329	Levorphanol Tartrate	164
Formebolone (Formebolone)	808	<b>Lisdexamfetamine</b>	<b>436</b>
Frying Pan Lubricants	944	Loprazolam	336
<b>Furazabol</b>	<b>841</b>	Lorazepam	337
Furethidine	153	Lormetazepam	338
		LSD	510
Gamma Hydroxybutyric (GHB)	377	Lysergic Acid	511
<b>Gamma Hydroxybutyric Acid</b>		Lysergic Acid Amide	527
<b>preparations</b>	<b>391</b>	Lysergic Acid Diethylamide	528
Glass Chillers	943		
Glutethimide	330	Marijuana/Marihuana	603
		Marinol	604
Hair spray	941	Mazindol	415
Halazepam	331	Mebutamate	339
“Hallucinogens, Type Unknown”	595	Mecloqualone	340
Haloxazolam	332	Medazepam	341
Hashish	602	Mefenorex	416
Hashish Oil	601	Meperidine (Pethidine)	165
Heroin	154	<b>Meperidine intermediate-A</b>	<b>251</b>
Hexobarbital	333	<b>Meperidine intermediate-B</b>	<b>252</b>
Hydrocodone	155	<b>Meperidine intermediate-C</b>	<b>253</b>
<b>Hydrocodone &amp; isoquinoline</b>		Mephobarbital	
<b>alkaloid&lt;15 mg/du</b>	<b>249</b>	(Methylphenobarbital)	342
<b>Hydrocodone combination</b>		Meprobamate	343
<b>product&lt;15 mg/du</b>	<b>250</b>	Mescaline	512
Hydromorphenol	156	<b>Mestanolone</b>	<b>844</b>
Hydromorphone	157	Mesterolone	809
<b>Hydroxy-Nortestosterone</b>	<b>842</b>	Metazocine	166

## Alphabetical Drug Index

Methadone	167	Morphine methylbromide	176
<b>Methadone intermediate</b>	<b>254</b>	Morphine methylsulfonate	175
Methamphetamine	417	Morphine-N-oxide	231
Methandienone	810	Myrophine	178
Methandranone	811		
Methandriol	812	Nabilone	516
Methandrostenolone	813	Nethylamphetamine	419
Methaqualone	344	Nalorphine	179
Metharbital	345	Nandrolone	817
Methcathinone	432	“Narcotics, Type Unknown”	295
Methenolone	814	<b>N-Benzylpiperazine</b>	<b>439</b>
Methohexital	346	<b>N-Hydroxymethylenedioxy-</b>	
Methoxyamphetamine (PMA)	514	<b>amphetamine</b>	<b>538</b>
<b>Methoxy-Methylenedioxy-</b>		Nicocodeine	180
<b>amphetamine</b>	<b>437</b>	Nicomorphine	181
<b>Methoxy-NN-</b>		Nimetazepam	349
<b>diisopropyltryptamine</b>	<b>537</b>	Nitrazepam	350
Methylaminorex	529	Nitrous Oxide	924
Methylidesorphine	168	<b>N-Methylpiperidyl benzilate</b>	<b>539</b>
<b>Methyldienolone</b>	<b>845</b>	<b>N, N-Dimethylamphetamine</b>	<b>438</b>
Methyldihydromorphine	169	Noracymethadol	182
Methyl-dimethoxyamphetamine	530	<b>Norandrostenediol</b>	<b>847</b>
Methylenedioxy-N-		<b>Norandrostenedione</b>	<b>848</b>
ethylamphetamine	531	<b>Norbolethone</b>	<b>849</b>
Methylenedioxyamphetamine		<b>Norclostebol</b>	<b>850</b>
(MDA)	515	Nordiazepam	351
Methylenedioxymetham-		Norethandrolone	818
phetamine (MDMA)	513	Norlevorphanol	183
Methylfentanyl	170	Normethadone	184
Methylone	435	<b>Normethandrolone</b>	<b>851</b>
Methylphenidate	418	Normorphine	185
Methylphenylpropionoxypiperid	171	Norpipanone	186
ine (MPPP)			
Methyltestosterone	815	Opium	187
Methylthiofentanyl	230	<b>Opium combination product</b>	
<b>Methyltrienolone</b>	<b>846</b>	<b>25 mg/du</b>	<b>256</b>
Methypylon	347	Opium extract	232
Metopon	172	Opium fluid extract	233
Mibolerone	816	<b>Opium, granulated</b>	<b>258</b>
Midazolam	348	Opium Poppy	234
Modafinil	433	<b>Opium, powdered</b>	<b>259</b>
Moramide	173	<b>Opium preparations – 100 mg/</b>	
Morpheridine	174	<b>100 ml or 100 gm</b>	<b>257</b>
Morphine	177	Opium Tincture	235
<b>Morphine combination product/</b>		<b>Oripavine</b>	<b>260</b>
<b>50 mg/100 ml or gm</b>	<b>255</b>	“Other”	996

## Alphabetical Drug Index

Oxandrolone	819	Phencyclohexylamine	704
Oxazepam	352	Pholcodine	202
Oxazolam	353	Piminodine	203
Oxmorphone	188	Pinazepam	359
Oxycodone	189	Piperidinocyclohexane-	
Oxymesterone	820	carbonitrile (PCC)	705
Oxymetholone	821	Pipradrol	424
		Piritramide	204
Paint and Paint Removers	902	Plastic Cement (airplane glue)	901
Parafluorofentanyl	190	Poppy Straw	237
Parahexyl (Synhexyl)	701	Poppy Straw Concentrate	238
Paraldehyde	354	Prazepam	360
Paregoric	191	<b>Pregabalin</b>	<b>396</b>
Parepectolin	192	Proheptazine	205
“PCP, Type Unknown”	795	Properidine	206
Pemoline	420	Propiram	207
Pentazocine	193	Propoxyphene	208
Pentobarbital	355	Propylhexedrine	425
<b>Pentobarbital &amp; noncontrolled</b>		Psilocybin	519
<b>active ingred.</b>	<b>393</b>	Psilocyn	520
<b>Pentobarbital suppository</b>		Pyrovalerone	426
<b>dosage form</b>	<b>394</b>	“Pyrrolidine (PCPy, PHP, TCPy)”	706
Pethidine (Meperidne)	194		
Petrichloral	356	Quazepam	361
“Petroleum Products (gasoline,			
kerosene)”	903	Racemethorphan	209
Peyote	517	Racemoramide	210
Phenadoxone	195	Racemorphan	211
Phenampramide	196	Remifentanil	239
Phenanthrine	197		
Phenazocine	198	Secobarbital	362
Phencyclidine	702	<b>Secobarbital &amp; noncontrolled</b>	
Phencyclidine Analogs	703	<b>active ingred.</b>	<b>397</b>
<b>Phencyclohexyl-Pyrrolidine</b>	<b>709</b>	<b>Secobarbital suppository</b>	
Phenylethyl-phenyl-		<b>dosage form</b>	<b>398</b>
acetoxypiperidine	236	Sibutramine	385
Phencyclohexylamine	357	SPA	427
Phendimetrazine	421	Stanolone	822
Phenmetrazine	422	Stanozolol	823
Phenobarbital	358	<b>Stenbolone</b>	<b>852</b>
Phenomorphane	199	<b>Stimulant compounds</b>	
Phenoperidine	200	<b>previously excepted</b>	<b>440</b>
Phentermine	423	“Stimulants, Type Unknown”	495
Phenylacetone (P2P)	518	Sulfentanil	212
Phenylacetyloxypiperidine		Sulfondiethylmethane	363
(PEPAP)	201	Sulfonethylmethane	364

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 Alphabetical Drug Index
 

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Sulfonmethane	365	Thiopental(Pentothal)	371
Talbutal	366	Thiophen	707
Temazepam	367	Tiletamine	372
Tested; Drugs Found; type	998	Tilidine	216
Tested; Results unknown	997	Triazolam	373
Testolactone	824	Trenbolone	826
Testosterone	825	Trimeperidine	217
Tetrahydrocannabinols	605	Trimethoxy amphetamine	521
<b>Tetrahydrogestrinone</b>	<b>853</b>	Tybamate	374
Tetrazepam	368	Unknown If Tested For Drugs	999
THC	606	Vinbarbital	434
Thebacon	213	Volatile Solvents (toluene)	900
Thebaine	214	Zaleplon	386
Thenylfentanyl	369	Zolazepam (Telazol)	375
Thiamylal	370	Zolpidem	387
Thienylcyclohexyl]piperidine	708	<b>Zopiclone</b>	<b>399</b>
<b>Thienyl Cyclohexyl Pyrrolidine</b>	<b>710</b>		
Thiofentanyl	215		

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APPENDIX B

Abbreviations used in Variable 254

"VINDICATOR - Make/Model"





### Vindicator Make/Model Abbreviations

1/2T	Half Ton	HDTP	Hardtop
1T	One Ton	HYB	Hybrid
2D	Two Door	INC	Incomplete
2-PASS	Two Passenger	IT	Touring
2WD (4X2)	Two-Wheel Drive	JCW	John Cooper Works
3/4T	Three-quarter Ton	JCW	GP John Cooper Works GP Kit
3D	Three Door	LD	Light Duty
4D	Four Door	LN	Long
4-PASS	Four Passenger	LSV	Low Speed Vehicles
4WD (4X4)	Four-Wheel Drive	LTD	Limited
4WS	Four-Wheel Steering	LUX.	Luxury
5D	Five Door	LWB	Long Wheelbase
ABS	Antilock Braking System	MPV	Multi-Purpose Vehicles
AC CAB	Access Cab	MW	Maxi Wagon
ALB	Antilock Brake	NAVI	Navigation System
AWD	All Wheel Drive	PASS	Passenger
AWP	All Weather Package	PKG	Package
BEL	Belair	PREM	Premium
BISC	Biscayne	PU	Pickup
BRKWD	Brookwood	PZEV	Partial Zero Emission Vehicle
BRM	Brougham	QUAT	Quattro
C	Chassis or Cab	RAD	Rear Access Door
CC	Chassis Cab	RES	Rear Entertainment System
CDI	Common Rail Direct Injection	RHD	Right Hand Drive
CG	Cargo	ROADST	Roadster
CH, CHASS	Chassis	RV	Recreational Vehicles
CHEVAN	Chevrolet Van	RWD	Rear-Wheel Drive
CHVN	Chevrolet Van	S/C	Supercharged
CNG	Compressed Natural Gas	SAB	Side Airbags
COMM, COMM.	Commercial	SH	Short
CONT.	Continental	SHLBY	Shelby
CONV	Convertible	SLVRDO	Silverado
CR	Crew	SP. ED.	Special Edition
CUST.	Custom	SPEC.	Special
CUT	Cutaway	SPT	Sport
CYL	Cylinder	STD	Standard
DBL CAB	Double Cab	SULEV	Super Ultra Low-Emissions Vehicle
DI	Direct Injection	SUP	Super
DRW	Dual Rear Wheels	SUPERCHRGD	Supercharged
DSL	Diesel	SUT	Sport Utility Truck
DT	Diesel Turbo	SW	Station Wagon/Sport Wagon
E C	Extended Cab	SWB	Short Wheelbase
ECONO	Econoline	TD	Turbo Diesel
ED.	Edition	TDI	Turbo Diesel Injection
EDN	Edition	TECH	Technology
ELEC	Electric	TRAILDSTR	Trailduster
EPS	Electric Power Steering	TRUCK	Truck
EV	Electric Vehicle	TRVLTOP	Travel Top
EWB	Extended Wheelbase	TUR	Turbo
EXP CG	Express Cargo	TWNMNM	Townsmen
EXT	Extended	ULEV	Ultra Low-Emissions Vehicle
EXT C	Extended Cab	V	Van
FLTWD	Fleetwood	VDC	Vehicle Dynamics Control
FWD	Front-Wheel Drive	VDP	VANDEN PLAS
G	Grand	WAGNR	Wagoneer
GR	Grand	WGN	Wagon
GRSPORT	Grand Sport	X CAB	Extra Cab
HD	Heavy Duty	XC	Cross Country

