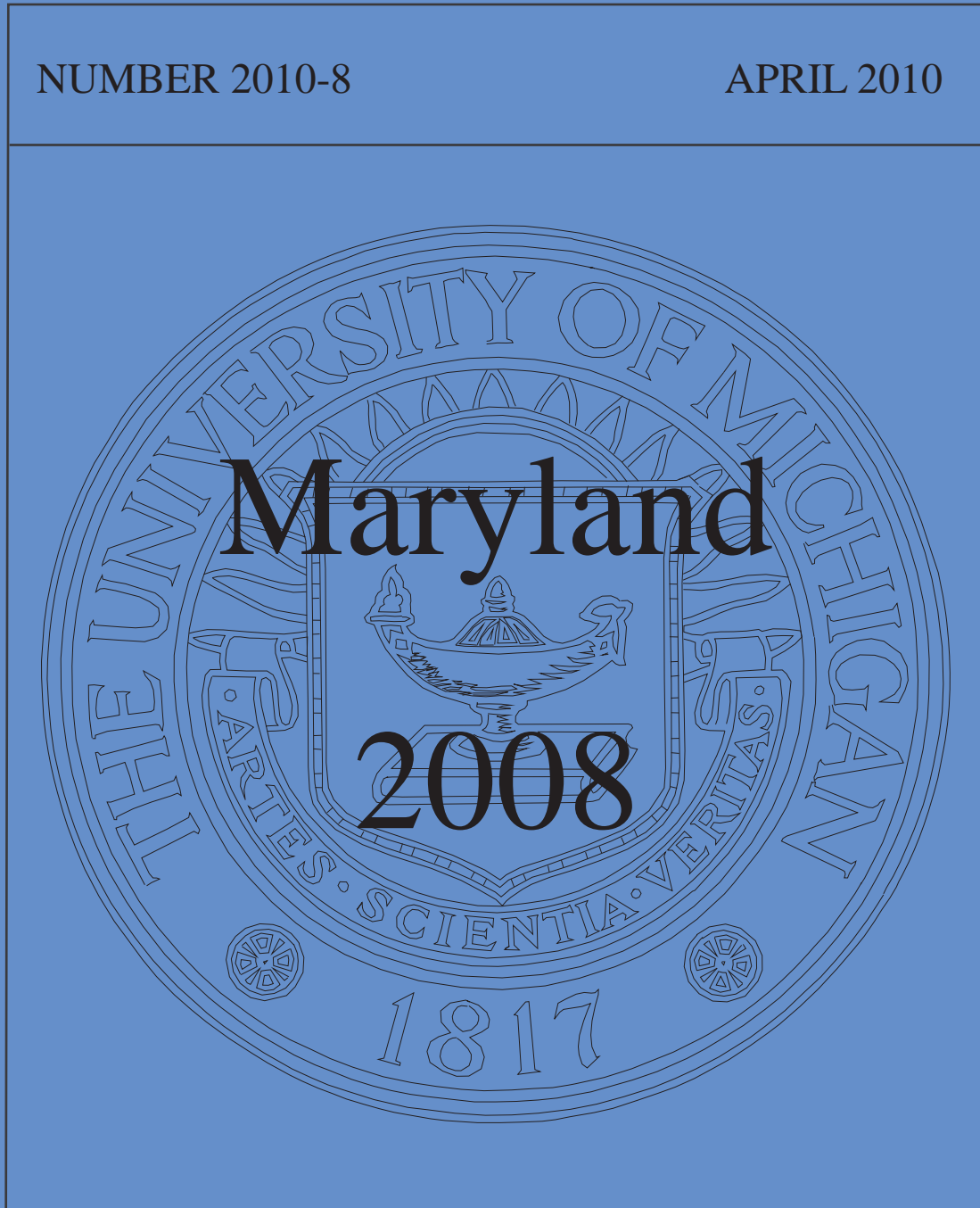


Transportation Data Center  
Data Set Codebook

NUMBER 2010-8

APRIL 2010



The University of Michigan  
Transportation Research Institute



STATE OF MARYLAND

2008 MOTOR VEHICLE ACCIDENTS

Introduction

This codebook documents datasets describing motor-vehicle traffic accidents that occurred in the State of Maryland during calendar year 2008. The datasets were developed by the Transportation Data Center at the University of Michigan's Transportation Research Institute (UMTRI) from data supplied by the Maryland State Patrol.

The original data in the Maryland STARS protocol (State Traffic Accident Reporting System) have been formatted into three rectangular datasets documenting accident level, vehicle level, and person level information elements. The characteristics of these datasets are shown in the following table.

2008 MARYLAND DATASETS

DATASET	KEY	VARIABLES	CASES
Accident	MDC08ACC	1-31	95,351
Vehicle	MDC08VEH	1-31,101-178	175,208
Occupant	MDC08OCC	1-31,101-178,201-210	229,693
Non-motorist	MDC08NMT	1-31,101-178,201-210, 301-320	4,010

The letter "C" in the dataset descriptor represents "CENSUS" since these datasets describe all motor vehicle accidents that occurred in the state during calendar year 2008 that were recorded by the State Patrol.

The codebook itself is divided into four sections that document the accident, vehicle, person, and nonmotorist records, respectively. Univariate frequencies and frequency percentages displayed in each section were derived from the corresponding

dataset (i.e., accident frequencies from MDC08ACC, person frequencies from MDC08OCC, etc.). The vehicle and person records in the nonmotorist dataset contain data from the vehicle and driver #1 in the crash.

An index located at the end of the codebook gives the variable number and code value where each word used in a variable name or code value definition may be located. Certain English connectives (e.g., "the", "and", "but", "while", etc.), proper names such as county names and police agency names, and other common words not likely to be of value in an index are not included.

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 correct any discrepancies that are found. Please notify the Center of any errors that you may uncover (or of any suggestions or comments that you may have concerning the data or codebook) by calling the Transportation Data Center (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.

Maryland  
2008 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
1	ACCIDENT NUMBER	10	Alphabetic	1
2	YEAR OF ACCIDENT	4	Numeric	1
3	MONTH OF ACCIDENT	2	Numeric	1
4	DAY OF ACCIDENT	2	Numeric	2
5	TIME OF ACCIDENT	4	Numeric	2
6	COUNTY CODE	2	Numeric	2
7	MUNICIPALITY	3	Numeric	3
8	AGENCY CODE	2	Alphabetic	5
9	ROUTE TYPE	1	Numeric	5
10	SIGNAL	1	Numeric	6
11	JUNCTION	1	Numeric	6
12	LANE DIRECTION	1	Numeric	6
13	IMPACT LANE LOCATION	2	Numeric	7
14	RAMP INVOLVED	1	Numeric	7
15	RAMP DIRECTION	2	Numeric	7
16	ROADWAY CHARACTER	1	Numeric	8
17	DIVIDED/UNDIVIDED	1	Numeric	8
18	ROAD CONDITION	1	Numeric	9
19	ROAD SURFACE CONDITION	1	Numeric	9
20	LIGHT	1	Numeric	9
21	WEATHER	1	Numeric	10
22	CONSTRUCTION ZONE	1	Numeric	10
23	NUMBER OF VEHICLES INVOL	2	Numeric	10
24	COLLISION TYPE	2	Numeric	11
25	FIXED OBJECT	2	Numeric	11
26	FIRST HARMFUL EVENT	2	Numeric	12
27	SECOND HARMFUL EVENT	2	Numeric	12
28	ACCIDENT SEVERITY	1	Numeric	13
29	NUMBER OF INJURIES	2	Numeric	13
30	NUMBER OF FATALITIES	2	Numeric	13
31	NUMBER OF NONMOTORISTS	2	Numeric	14



Maryland  
2008 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
101	VEHICLE NUMBER	2	Numeric	15
102	VEHICLE MAKE	4	Alphabetic	15
103	VEHICLE MODEL	7	Alphabetic	15
104	VEHICLE YEAR	2	Numeric	15
105	VEHICLE BODY TYPE	2	Numeric	16
106	REGISTRATION STATE	4	Numeric	17
107	COMMERCIAL VEHICLE	1	Numeric	18
108	COMM VEHICLE BODY TYPE	2	Numeric	18
109	GVWR	6	Numeric	19
110	NUMBER OF AXLES	2	Numeric	19
111	ICC NUMBER	6	Alphabetic	19
112	USDOT NUMBER	7	Alphabetic	19
113	HAZARDOUS MATERIAL SPILL	1	Numeric	20
114	HAZMAT NUMBER	6	Alphabetic	20
115	WORST INJURY IN VEHICLE	1	Numeric	20
116	NUMBER OF OCCUPANTS	2	Numeric	20
117	NUMBER INJURED IN VEH	2	Numeric	20
118	NUMBER KILLED IN VEH	2	Numeric	21
119	DRIVERLESS VEHICLE	1	Numeric	21
120	PARKED VEHICLE	1	Numeric	21
121	FIRE	1	Numeric	22
122	HIT AND RUN	1	Numeric	22
123	SPEED LIMIT	2	Numeric	22
124	FIRST IMPACT AREA	2	Numeric	23
125	MAIN IMPACT AREA	2	Numeric	23
126	AREA DAMAGE 1	2	Numeric	24
127	AREA DAMAGE 2	2	Numeric	25
128	AREA DAMAGE 3	2	Numeric	25
129	DAMAGE EXTENT	1	Numeric	26
130	MOVEMENT	2	Numeric	26
131	CONTRIBUTING CIRCUMSTAN1	2	Numeric	27
132	CONTRIBUTING CIRCUMSTAN2	2	Numeric	28
133	CONTRIBUTING CIRCUMSTAN3	2	Numeric	30
134	CONTRIBUTING CIRCUMSTAN4	2	Numeric	31
135	DIRECTION GOING	1	Numeric	33
136	DIRECTION CONTINUING	1	Numeric	33
137	TOWED UNIT-TYPE 1	2	Numeric	34
138	TOWED UNIT-TYPE 2	2	Numeric	34
139	TOWED UNIT-TYPE 3	2	Numeric	35
140	DRIVER CONDITION	2	Numeric	35
141	DRIVER AT FAULT	1	Numeric	35
142	DRIVER LICENSE CLASS	2	Alphabetic	36
143	COMMERCIAL DRIVERS LIC	1	Numeric	36
144	DRIVER AGE	3	Numeric	36
145	DRIVER DOB	10	Alphabetic	36
146	DRIVER GENDER	1	Numeric	36
147	DRIVER SAFETY EQUIPMENT	2	Numeric	37
148	SAFETY EQUIPMENT PROBLEM	1	Numeric	37
149	DRIVER EJECTION	1	Numeric	37
150	DRIVER INJURY SEVERITY	1	Numeric	38

Maryland  
2008 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
151	DRIVER IMPAIRED	1	Numeric	38
152	SUBSTANCE USE	2	Numeric	38
153	DRIVER TESTS	1	Numeric	39
154	DRIVER BAC	2	Numeric	39
155	RESIDENCE STATE	4	Numeric	39
156	DRIVER ZIP CODE	5	Alphabetic	41
157	VINDICATOR - IERR	2	Numeric	41
158	VINDICATOR - ALTSW	1	Numeric	41
159	VINDICATOR - YEAR	4	Numeric	42
160	VINDICATOR - MAKE	2	Numeric	42
161	VINDICATOR - MAKE/MODEL	8	Numeric	44
162	VINDICATOR - BODY	2	Numeric	113
163	VINDICATOR - VEHTP	1	Numeric	113
164	VINDICATOR - SIZE	1	Numeric	114
165	VINDICATOR - STYLE CLASS	2	Numeric	114
166	VINDICATOR - WEIGHT	4	Numeric	114
167	VINDICATOR - WHLBS	5	Numeric	115
168	VINDICATOR - LENGTH	5	Numeric	115
169	VINDICATOR - WIDTH	4	Numeric	115
170	VINDICATOR - HEIGHT	4	Numeric	115
171	VINDICATOR - RSTN	1	Numeric	116
172	VINDICATOR - ATD / DRL	25	Alphabetic	116
173	VINDICATOR - MINHP	3	Numeric	116
174	VINDICATOR - MAXHP	3	Numeric	116
175	VINDICATOR - ABS	3	Numeric	117
176	VINDICATOR - TRANS	2	Numeric	119
177	VINDICATOR - ENGINE	3	Numeric	119
178	VEHICLE IDENTIFICATION #	17	Alphabetic	119



Maryland  
2008 - Occupant

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
201	OCCUPANT UNIT NUMBER	2	Numeric	121
202	OCCUPANT NUMBER	2	Numeric	121
203	OCCUPANT TYPE	1	Numeric	121
204	SEAT POSITION	2	Numeric	122
205	AGE	3	Numeric	122
206	GENDER	1	Numeric	122
207	SAFETY EQUIPMENT	2	Numeric	123
208	SAFETY EQUIPMENT PROBLEM	2	Numeric	123
209	EJECTION	1	Numeric	124
210	INJURY SEVERITY	1	Numeric	124



Maryland  
2008 - Nonmotorist

Variable Number	Variable Name	Width	Storage Type	Page Number
301	UNIT NUMBER	2	Numeric	125
302	PERSON TYPE	1	Numeric	125
303	NONMOTORIST TYPE	1	Numeric	125
304	AGE	3	Numeric	126
305	GENDER	1	Numeric	126
306	INJURY SEVERITY	1	Numeric	126
307	PEDESTRIAN VISIBLE	1	Numeric	126
308	PEDESTRIAN LOCATION	2	Numeric	127
309	DID PED OBEY SIGNAL	1	Numeric	127
310	PEDESTRIAN CONDITION	2	Numeric	127
311	PEDESTRIAN MOVEMENT	2	Numeric	128
312	CONTRIBUTING CIRCUMSTAN1	2	Numeric	128
313	CONTRIBUTING CIRCUMSTAN2	2	Numeric	130
314	CONTRIBUTING CIRCUMSTAN3	2	Numeric	131
315	CONTRIBUTING CIRCUMSTAN4	2	Numeric	132
316	FAULT	1	Numeric	133
317	SUBSTANCE USE	2	Numeric	133
318	IMPAIRED	1	Numeric	133
319	TESTS	1	Numeric	133
320	NONMOTORIST BAC	2	Numeric	134



The ACCIDENT Variables

Variables 1 through 31 describe the accident. They are included in the Accident, Vehicle, Occupant, and Nonmotorist data sets. The Accident data set contains these variables and no others.

Variable 1	ACCIDENT NUMBER	Width: 10	Type: Alphabetic
		Dec: None	Miss: None

MAARS Variable - REPORT\_NO

Variable 2	YEAR OF ACCIDENT	Width: 4	Type: Numeric
		Dec: None	Miss: None

MAARS Variable - ACC\_DATE

2008	Prcnt	Code	Value and Description
95351	100.0	2008	2008

Variable 3	MONTH OF ACCIDENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

MAARS Variable - ACC\_DATE

2008	Prcnt	Code	Value and Description
7541	7.9	1	January
7614	8.0	2	February
7645	8.0	3	March
8117	8.5	4	April
8490	8.9	5	May
7760	8.1	6	June
7564	7.9	7	July
7740	8.1	8	August
7675	8.0	9	September
8354	8.8	10	October
8456	8.9	11	November
8395	8.8	12	December

Variable 4	DAY OF ACCIDENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

## MAARS Variable - ACC\_DATE

2008 Prcnt Code Value and Description

3225	3.4	1	-	Day of Accident
1876	2.0	31		

Variable 5	TIME OF ACCIDENT	Width: 4	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - ACC\_TIME

Accident time of day - 2400-hour clock

2008 Prcnt Code Value and Description

245	0.3	1	12:01 am
		-	
36	0.0	2359	11:59 pm
0	0.0	2400	Midnight
15	0.0	9999	Unknown

Variable 6	COUNTY CODE	Width: 2	Type: Numeric
		Dec: None	Miss: None

## MAARS Variable - COUNTY

2008 Prcnt Code Value and Description

706	0.7	1	Allegany
8427	8.8	2	Anne Arundel
14261	15.0	3	Baltimore
1167	1.2	4	Calvert
409	0.4	5	Caroline
1839	1.9	6	Carroll
1624	1.7	7	Cecil
2524	2.6	8	Charles
450	0.5	9	Dorchester
2894	3.0	10	Frederick
602	0.6	11	Garrett
3253	3.4	12	Harford
3258	3.4	13	Howard
208	0.2	14	Kent
11925	12.5	15	Montgomery
14289	15.0	16	Prince Georges
640	0.7	17	Queen Anne's
1402	1.5	18	St. Mary's
274	0.3	19	Somerset

Variable 6:COUNTY CODE (Continued)

2008 Prcnt		Code	Value and Description
770	0.8	20	Talbot
2399	2.5	21	Washington
1836	1.9	22	Wicomico
1133	1.2	23	Worcester
19060	20.0	24	Baltimore City
1	0.0	99	Unknown

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Variable 7	MUNICIPALITY	Width: 3	Type: Numeric
		Dec: None	Miss: None

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MAARS Variable - MUNI\_CODE

2008 Prcnt		Code	Value and Description
91177	95.6	0	Not applicable
46	0.0	1	Aberdeen
2	0.0	2	Accident
296	0.3	3	Annapolis
2	0.0	6	Barton
45	0.0	7	Bel Air
5	0.0	8	Berlin
4	0.0	9	Berwyn Heights
60	0.1	11	Bladensburg
4	0.0	12	Boonsboro
115	0.1	13	Bowie
12	0.0	14	Brentwood
3	0.0	15	Brookeville
29	0.0	17	Brunswick
106	0.1	19	Cambridge
7	0.0	20	Capitol Heights
27	0.0	21	New Carrollton
6	0.0	23	Centreville
1	0.0	24	Charlestown
3	0.0	25	Cheseapeake Beach
4	0.0	26	Cheseapeake City
13	0.0	27	Chesterton
15	0.0	28	Cheverly
10	0.0	30	ChevyChase #4
1	0.0	32	Chevy Chase View
16	0.0	33	Chevy Chase Village
2	0.0	36	Clearspring
74	0.1	37	College Park
7	0.0	38	Colman Manor
8	0.0	39	Cottage City
12	0.0	40	Crisfield
43	0.0	41	Cumberland
1	0.0	42	Deer Park
4	0.0	43	Delmar
26	0.0	44	Denton
20	0.0	45	District Heights

## Variable 7:MUNICIPALITY (Continued)

2008	Prcnt	Code	Value and Description
161	0.2	49	Easton
9	0.0	50	Edmonston
38	0.0	52	Elkton
2	0.0	53	Emmitsburg
2	0.0	54	Fairmont Heights
1	0.0	55	Federalsburg
4	0.0	56	Forest Heights
345	0.4	57	Frederick
4	0.0	58	Friendship Heights
1	0.0	59	Friendsville
56	0.1	60	Frostburg
11	0.0	61	Fruitland
4	0.0	62	Funkstown
177	0.2	63	Gaithersburg
1	0.0	66	Garrett Park
15	0.0	67	Glen Arden
2	0.0	70	Grantsville
82	0.1	71	Greenbelt
3	0.0	72	Greensboro
566	0.6	73	Hagerstown
10	0.0	74	Hampstead
3	0.0	75	Hancock
48	0.1	76	Havre de Grace
1	0.0	81	Hurlock
109	0.1	82	Hyattsville
7	0.0	83	Indian Head
9	0.0	85	Kensington
2	0.0	86	Kitzmiller
7	0.0	87	Landover Hills
29	0.0	88	La Plata
122	0.1	89	Laurel
6	0.0	91	Leonardtwn
3	0.0	92	Loch Lynn Heights
2	0.0	93	Lonaconing
8	0.0	95	Manchester
4	0.0	99	Middletown
1	0.0	101	Millington
6	0.0	102	Morningside
18	0.0	103	Mount Airy
64	0.1	104	Mount Rainier
6	0.0	105	Mountain Lake Park
1	0.0	106	Myersville
4	0.0	108	New Windsor
5	0.0	109	North Beach
4	0.0	112	North East
13	0.0	113	Oakland
124	0.1	115	Ocean City
6	0.0	117	Perryville
21	0.0	119	Pocomoke City
3	0.0	120	Poolesville
1	0.0	121	Port Deposit
7	0.0	123	Princess Anne



Variable 7:MUNICIPALITY (Continued)

2008	Prcnt	Code	Value and Description
1	0.0	125	Queenstown
1	0.0	126	Ridgely
4	0.0	127	Rising Sun
47	0.0	128	Riverdale
3	0.0	129	Rock Hall
355	0.4	130	Rockville
3	0.0	132	Saint Michaels
322	0.3	133	Salisbury
33	0.0	134	Seat Pleasant
2	0.0	135	Secretary
3	0.0	136	Sharpsburg
1	0.0	138	Smithsburg
6	0.0	139	Snow Hill
4	0.0	140	Somerset
3	0.0	142	Sykesville
24	0.0	143	Takoma Park
6	0.0	144	Taneytown
17	0.0	146	Thurmont
1	0.0	147	Trappe
1	0.0	148	Union Bridge
7	0.0	149	University Park
4	0.0	150	Upper Marlboro
1	0.0	151	Vienna
7	0.0	152	Walkersville
2	0.0	154	Westernport
143	0.1	155	Westminster
2	0.0	157	Williamsport
4	0.0	158	Woodsboro

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Variable 8	AGENCY CODE	Width: 2	Type: Alphabetic
		Dec: None	Miss: None

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MAARS Variable - AGENCY\_CODE

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Variable 9	ROUTE TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: None

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MAARS Variable - ROUTE\_TYPE

2008	Prcnt	Code	Value and Description
7981	8.4	1	Interstate
7271	7.6	2	US route
27787	29.1	3	Maryland route
23682	24.8	4	County route
4174	4.4	5	Municipal route
90	0.1	6	Government road
94	0.1	7	Service drive

## Variable 9:ROUTE TYPE (Continued)

2008	Prcnt	Code	Value and Description
418	0.4	8	Other public road
23854	25.0	9	Unknown

Variable 10	SIGNAL	Width: 1	Type: Numeric
		Dec: None	Miss: None

## MAARS Variable - SIGNAL

2008	Prcnt	Code	Value and Description
17672	18.5	1	Yes
77679	81.5	2	No

Variable 11	JUNCTION	Width: 1	Type: Numeric
		Dec: None	Miss: None

## MAARS Variable - JUNCTION

2008	Prcnt	Code	Value and Description
62843	65.9	1	Non-intersection
20665	21.7	2	Intersection
9242	9.7	3	Intersection related
2601	2.7	4	Driveway access

Variable 12	LANE DIRECTION	Width: 1	Type: Numeric
		Dec: None	Miss: None

## MAARS Variable - LANE

2008	Prcnt	Code	Value and Description
2031	2.1	0	On a ramp
21908	23.0	1	North
19539	20.5	2	South
14654	15.4	3	East
13532	14.2	4	West
4799	5.0	5	Parking lot
1062	1.1	6	No lane markings or at centerline
17826	18.7	9	Unknown

Variable 13	IMPACT LANE LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: None

MAARS Variable - LANE

2008	Prcnt	Code	Value and Description
2031	2.1	0	On a ramp
41301	43.3	1	Lane 1 - nearest centerline
11979	12.6	2	Lane 2
3982	4.2	3	Lane 3
1092	1.1	4	Lane 4
91	0.1	5	Lane 5
17	0.0	6	Lane 6
4	0.0	7	Lane 7
29	0.0	8	Lane 8
13	0.0	9	Lane 9
1694	1.8	10	Shoulder
5610	5.9	11	Off road
560	0.6	12	Median
48	0.1	13	Crossover
52	0.1	14	Gore
1423	1.5	15	Right turn lane
1289	1.4	16	Left turn lane
301	0.3	17	Acceleration lane
148	0.2	18	Deceleration lane
4799	5.0	19	Parking lot
1062	1.1	20	No lane markings or at centerline
17826	18.7	99	Unknown

Variable 14	RAMP INVOLVED	Width: 1	Type: Numeric
		Dec: None	Miss: None

MAARS Variable - RAMP

2008	Prcnt	Code	Value and Description
2011	2.1	1	Yes
93340	97.9	2	No

Variable 15	RAMP DIRECTION	Width: 2	Type: Numeric
		Dec: None	Miss: None

MAARS Variable - RAMP\_MOVEMENT

Describes direction from and to on the ramp

2008	Prcnt	Code	Value and Description
93340	97.9	0	Not applicable
254	0.3	1	North-West
214	0.2	2	West-North

## Variable 15: RAMP DIRECTION (Continued)

2008	Prcnt	Code	Value and Description
191	0.2	3	East-North
257	0.3	4	North-East
240	0.3	5	South-East
240	0.3	6	East-South
148	0.2	7	West-South
259	0.3	8	South-West
208	0.2	9	Other

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Variable 16	ROADWAY CHARACTER	Width: 1	Type: Numeric
		Dec: None	Miss: None

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## MAARS Variable - RD\_CHAR

2008	Prcnt	Code	Value and Description
332	0.3	0	Not applicable
65595	68.8	1	Straight and level
11229	11.8	2	Straight and grade
2621	2.7	3	Straight and hill
6629	7.0	4	Curve and level
4939	5.2	5	Curve and grade
838	0.9	6	Curve and hill
343	0.4	7	On bridge
167	0.2	8	Other
2658	2.8	9	Unknown

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Variable 17	DIVIDED/UNDIVIDED	Width: 1	Type: Numeric
		Dec: None	Miss: None

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## MAARS Variable - RD\_DIV

2008	Prcnt	Code	Value and Description
1303	1.4	0	Not applicable
45381	47.6	1	Not divided
4526	4.7	2	One way road or street
22888	24.0	3	Divided - no barrier
18153	19.0	4	Divided - with barrier
569	0.6	8	Other
2531	2.7	9	Unknown

Variable 18	ROAD CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

MAARS Variable - RD\_COND

2008	Prcnt	Code	Value and Description
490	0.5	0	Not applicable
90373	94.8	1	No defects
474	0.5	2	Shoulder defect
491	0.5	3	Holes, ruts, etc.
279	0.3	4	Foreign material
417	0.4	5	Loose surface material
38	0.0	6	Obstruction not lighted
20	0.0	7	Obstruction not signaled
210	0.2	8	Other
2559	2.7	9	Unknown

Variable 19	ROAD SURFACE CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

MAARS Variable - SURF\_COND

2008	Prcnt	Code	Value and Description
212	0.2	0	Not applicable
21204	22.2	1	Wet
71107	74.6	2	Dry
801	0.8	3	Snow
1611	1.7	4	Ice
0	0.0	5	Mud
51	0.1	8	Other
365	0.4	9	Unknown

Variable 20	LIGHT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

MAARS Variable - LIGHT

2008	Prcnt	Code	Value and Description
311	0.3	0	Not applicable
59958	62.9	1	Daylight
4761	5.0	2	Dawn / dusk
22591	23.7	3	Dark - light on
7393	7.8	4	Dark - no lights
18	0.0	8	Other
319	0.3	9	Unknown

<u>Variable 21</u>	<u>WEATHER</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## MAARS Variable - WEATHER

2008	Prcnt	Code	Value and Description
174	0.2	0	Not applicable
76942	80.7	1	Clear / cloudy
688	0.7	2	Foggy
15040	15.8	3	Raining
1847	1.9	4	Snow / sleet
113	0.1	5	Severe winds
27	0.0	8	Other
520	0.5	9	Unknown

<u>Variable 22</u>	<u>CONSTRUCTION ZONE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

## MAARS Variable - C\_M\_ZONE

2008	Prcnt	Code	Value and Description
2086	2.2	1	Yes
93265	97.8	2	No

<u>Variable 23</u>	<u>NUMBER OF VEHICLES INVOL</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

Derived by UMTRI from a count of the vehicle records provided in the crash.

2008	Prcnt	Code	Value and Description
27304	28.6	1	One vehicle
58815	61.7	2	Two vehicles
7303	7.7	3	Three vehicles
1504	1.6	4	Four vehicles
295	0.3	5	Five vehicles
80	0.1	6	Six vehicles
25	0.0	7	Seven vehicles
17	0.0	8	Eight vehicles
5	0.0	9	Nine vehicles
		-	Number of vehicles involved
1	0.0	15	

Variable 24	COLLISION TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: None

MAARS Variable - COLLISION\_TYPE

2008	Prcnt	Code	Value and Description
2710	2.8	1	Head on
4801	5.0	2	Head on left turn
21573	22.6	3	Same direction rear-end
684	0.7	4	Same direction rear-end - right turn
935	1.0	5	Same direction rear-end - left turn
735	0.8	6	Opposite direction sideswipe
4720	5.0	7	Same direction sideswipe
318	0.3	8	Same direction right turn
415	0.4	9	Same direction left turn
537	0.6	10	Same direction both left turn
7630	8.0	11	Straight movement angle
583	0.6	12	Angle meets right turn
1011	1.1	13	Angle meets left turn
2412	2.5	14	Angle meets left head-on
27436	28.8	17	Single vehicle
14223	14.9	88	Other
4628	4.9	99	Unknown

Variable 25	FIXED OBJECT	Width: 2	Type: Numeric
		Dec: None	Miss: None

MAARS Variable - FIX\_OBJ

2008	Prcnt	Code	Value and Description
68454	71.8	0	Not applicable
524	0.5	1	Bridge - overpass
864	0.9	2	Building
2018	2.1	3	Culvert - ditch
4947	5.2	4	Curb
5255	5.5	5	Guardrail - barrier
1288	1.4	6	Embankment
1261	1.3	7	Fence
1684	1.8	8	Light support pole
1311	1.4	9	Sign support pole
2795	2.9	10	Other pole
3592	3.8	11	Tree - shrubbery
102	0.1	12	Construction barrier
60	0.1	13	Crash attenuator
980	1.0	88	Other
216	0.2	99	Unknown

<u>Variable 26</u>	<u>FIRST HARMFUL EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## MAARS Variable - EVENT\_ONE

2008	Prcnt	Code	Value and Description
1018	1.1	0	Not applicable
52668	55.2	1	Other vehicle
11626	12.2	2	Parked vehicle
2717	2.8	3	Pedestrian
756	0.8	4	Bicycle
31	0.0	5	Other pedalcycle
99	0.1	6	Other conveyance
32	0.0	7	Railway train
1556	1.6	8	Animal
17577	18.4	9	Fixed object
932	1.0	10	Other object
1000	1.0	11	Overturn
27	0.0	12	Spilled cargo
25	0.0	13	Jackknife
27	0.0	14	Units separated
310	0.3	15	Other non-collision
2480	2.6	16	Off road
12	0.0	17	Downhill runaway
68	0.1	18	Explosion or fire
1331	1.4	19	Backing
765	0.8	20	U-turn
127	0.1	88	Other
167	0.2	99	Unknown

<u>Variable 27</u>	<u>SECOND HARMFUL EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

## MAARS Variable - EVENT\_TWO

2008	Prcnt	Code	Value and Description
46835	49.1	0	Not applicable
7555	7.9	1	Other vehicle
2329	2.4	2	Parked vehicle
376	0.4	3	Pedestrian
107	0.1	4	Bicycle
24	0.0	5	Other pedalcycle
62	0.1	6	Other conveyance
23	0.0	7	Railway train
60	0.1	8	Animal
9074	9.5	9	Fixed object
624	0.7	10	Other object
1692	1.8	11	Overturn
22	0.0	12	Spilled cargo
14	0.0	13	Jackknife
34	0.0	14	Units separated
109	0.1	15	Other non-collision



Variable 27:SECOND HARMFUL EVENT (Continued)

2008	Prcnt	Code	Value and Description
1208	1.3	16	Off road
16	0.0	17	Downhill runaway
54	0.1	18	Explosion or fire
93	0.1	88	Other
25040	26.3	99	Unknown

---

Variable 28	ACCIDENT SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

Derived by UMTRI from occupant records in crash.

2008	Prcnt	Code	Value and Description
62039	65.1	1	No injury
15739	16.5	2	Possible injury
13484	14.1	3	Injury
3550	3.7	4	Disabling injury
539	0.6	5	Fatal

---

Variable 29	NUMBER OF INJURIES	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

Derived by UMTRI from occupant records in crash.

2008	Prcnt	Code	Value and Description
62345	65.4	0	Zero injured persons
23473	24.6	1	One injured person
6284	6.6	2	Two injured persons
1945	2.0	3	Three injured persons
800	0.8	4	Four injured persons
273	0.3	5	Five injured persons
121	0.1	6	Six injured persons
54	0.1	7	Seven injured persons
22	0.0	8	Eight injured persons
		-	
1	0.0	47	Forty-seven injured persons

---

Variable 30	NUMBER OF FATALITIES	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

Derived by UMTRI from occupant records in crash.

2008	Prcnt	Code	Value and Description
94812	99.4	0	Zero fatally injured persons

## Variable 30:NUMBER OF FATALITIES (Continued)

2008	Prcnt	Code	Value and Description
496	0.5	1	One fatally injured person
39	0.0	2	Two fatally injured persons
2	0.0	3	Three fatally injured persons
1	0.0	4	Four fatally injured persons
1	0.0	8	Eight fatally injured persons

---

Variable 31	NUMBER OF NONMOTORISTS	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

Derived by UMTRI from nonmotorist records in crash.

2008	Prcnt	Code	Value and Description
91511	96.0	0	Zero nonmotorists
3698	3.9	1	One nonmotorist
129	0.1	2	Two nonmotorists
11	0.0	3	Three nonmotorists
1	0.0	4	Four nonmotorists
1	0.0	17	Seventeen nonmotorists

The VEHICLE Variables

Variables 101 through 178 describe the vehicle and driver. The Vehicle data set contains these variables, along with the accident variables on a vehicle level. Vehicles that do not match a crash record are not included.

---

Variable 101	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

MAARS Variable - VEHICLE\_ID

Vehicle number from driver record.

2008	Prcnt	Code	Value and Description
95349	54.4	1	Vehicle 1
		-	
1	0.0	15	Vehicle 15
4	0.0	99	No driver record

---

Variable 102	VEHICLE MAKE	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

---

MAARS Variable - VEH\_MAKE

---

Variable 103	VEHICLE MODEL	Width: 7	Type: Alphabetic
		Dec: None	Miss: None

---

MAARS Variable - VEH\_MODEL

---

Variable 104	VEHICLE YEAR	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

MAARS Variable - VEH\_YEAR

Last 2 digits of Model Years. Code 42 assigned by UMTRI for missing data.

2008	Prcnt	Code	Value and Description
11753	6.7	0	2000 or 1900
10907	6.2	1	2001 or 1901
12377	7.1	2	2002 or 1902
12733	7.3	3	2003 or 1903
13025	7.4	4	2004 or 1904

## Variable 104:VEHICLE YEAR (Continued)

2008	Prcnt	Code	Value and Description
12925	7.4	5	2005 or 1905
12823	7.3	6	2006 or 1906
13151	7.5	7	2007 or 1907
8222	4.7	8	2008 or 1908
1039	0.6	9	2009 or 1909
		-	
11650	6.6	42	Unknown or 1942
		-	
5964	3.4	96	1996
7542	4.3	97	1997
8353	4.8	98	1998
9637	5.5	99	1999

---

Variable 105	VEHICLE BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

## MAARS Variable - BODY\_TYPE

2008	Prcnt	Code	Value and Description
6	0.0	0	Not applicable
1848	1.1	1	Motorcycle
94969	54.2	2	Automobile
2803	1.6	3	Station wagon
35	0.0	4	Limousine
3005	1.7	5	Single truck (2 axles)
911	0.5	6	Single truck (3 axles)
2123	1.2	7	Truck-tractor (cab)
61	0.0	8	Recreational vehicle
56	0.0	9	Farm vehicle
1684	1.0	10	Transit bus
72	0.0	11	Cross country bus
1439	0.8	12	School bus
249	0.1	13	Ambulance/emergency
139	0.1	14	Ambulance/non-emergency
265	0.2	15	Fire vehicle/emergency
133	0.1	16	Fire vehicle/non-emergency
814	0.5	17	Police vehicle/emergency
1700	1.0	18	Police vehicle/non-emergency
252	0.1	19	Moped
15870	9.1	20	Pickup truck
12745	7.3	21	Van
28139	16.1	23	Sport utility vehicle
405	0.2	88	Other
5485	3.1	99	Unknown

Variable 106	REGISTRATION STATE	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

MAARS Variable - PLATE\_STATE Recoded from original text value shown in parentheses

2008 Prcnt	Code	Value and Description
		UNITED STATES
72	0.0	1 (AL) Alabama
18	0.0	2 (AK) Alaska
137	0.1	4 (AZ) Arizona
32	0.0	5 (AR) Arkansas
163	0.1	6 (CA) California
38	0.0	8 (CO) Colorado
141	0.1	9 (CT) Connecticut
1321	0.8	10 (DE) Delaware
2515	1.4	11 (DC) District of Columbia
682	0.4	12 (FL) Florida
248	0.1	13 (GA) Georgia
8	0.0	15 (HI) Hawaii
8	0.0	16 (ID) Idaho
232	0.1	17 (IL) Illinois
217	0.1	18 (IN) Indiana
45	0.0	19 (IA) Iowa
17	0.0	20 (KS) Kansas
64	0.0	21 (KY) Kentucky
44	0.0	22 (LA) Louisiana
64	0.0	23 (ME) Maine
141067	80.5	24 (MD) Maryland
128	0.1	25 (MA) Massachusetts
138	0.1	26 (MI) Michigan
72	0.0	27 (MN) Minnesota
65	0.0	28 (MS) Mississippi
36	0.0	29 (MO) Missouri
11	0.0	30 (MT) Montana
30	0.0	31 (NE) Nebraska
15	0.0	32 (NV) Nevada
37	0.0	33 (NH) New Hampshire
798	0.5	34 (NJ) New Jersey
18	0.0	35 (NM) New Mexico
707	0.4	36 (NY) New York
704	0.4	37 (NC) North Carolina
82	0.0	38 (ND) North Dakota
316	0.2	39 (OH) Ohio
126	0.1	40 (OK) Oklahoma
29	0.0	41 (OR) Oregon
3458	2.0	42 (PA) Pennsylvania
32	0.0	44 (RI) Rhode Island
214	0.1	45 (SC) South Carolina
10	0.0	46 (SD) South Dakota
211	0.1	47 (TN) Tennessee
284	0.2	48 (TX) Texas
19	0.0	49 (UT) Utah
20	0.0	50 (VT) Vermont
4336	2.5	51 (VA) Virginia

## Variable 106:REGISTRATION STATE (Continued)

2008	Prcnt	Code	Value and Description
66	0.0	53	(WA) Washington
833	0.5	54	(WV) West Virginia
33	0.0	55	(WI) Wisconsin
9	0.0	56	(WY) Wyoming
US TERRITORY			
2	0.0	72	(PR) Puerto Rico
3	0.0	75	(MH) Marshall Islands
2	0.0	78	(VI) Virgin Islands
CANADA			
MEXICO			
INTERNATIONAL			
UNKNOWN			
15231	8.7	9999	(UK) Unknown

---

Variable 107	COMMERCIAL VEHICLE	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - COMMERCIAL

2008	Prcnt	Code	Value and Description
4156	2.4	1	Yes
171052	97.6	2	No

---

Variable 108	COMM VEHICLE BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## MAARS Variable - CV\_BODY\_TYPE

2008	Prcnt	Code	Value and Description
97755	55.8	0	Not applicable
394	0.2	1	Bus
331	0.2	2	Van / enclosed box
1241	0.7	3	Truck / tractor
57	0.0	4	Cargo tank
108	0.1	5	Flatbed
297	0.2	6	Dump
26	0.0	7	Concrete mixer
42	0.0	8	Auto transporter
77	0.0	9	Garbage / refuse
22	0.0	88	Other
74858	42.7	99	Unknown

<u>Variable 109</u>	<u>GVWR</u>	Width: 6	Type: Numeric
		Dec: None	Miss: 999999

MAARS Variable - GVW

Gross Vehicle Weight Rating of Commercial Vehicle

2008	Prcnt	Code	Value and Description
1	0.0	99	99 lbs.
1	0.0	3700	3,700 lbs.
		-	
2	0.0	800000	800,000 lbs.
174687	99.7	999999	Unknown

<u>Variable 110</u>	<u>NUMBER OF AXLES</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

MAARS Variable - NUM\_AXLES

Number of Axles on Commercial Vehicle

2008	Prcnt	Code	Value and Description
1	0.0	0	No axles
0	0.0	1	One axle
92	0.1	2	Two axles
79	0.0	3	Three axles
22	0.0	4	Four axles
256	0.1	5	Five axles
7	0.0	6	Six axles
3	0.0	7	Seven axles
4	0.0	8	Eight axles
1	0.0	16	Sixteen axles
174743	99.7	99	Unknown

<u>Variable 111</u>	<u>ICC NUMBER</u>	Width: 6	Type: Alphabetic
		Dec: None	Miss: None

MAARS Variable - ICC\_NUM

<u>Variable 112</u>	<u>USDOT NUMBER</u>	Width: 7	Type: Alphabetic
		Dec: None	Miss: None

MAARS Variable - DOT\_NUM

Variable 113	HAZARDOUS MATERIAL SPILL	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - HAZMAT\_SPILL

2008	Prcnt	Code	Value and Description
385	0.2	1	Yes
174823	99.8	2	No

Variable 114	HAZMAT NUMBER	Width: 6	Type: Alphabetic
		Dec: None	Miss: None

## MAARS Variable - HZM\_NUM

Variable 115	WORST INJURY IN VEHICLE	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## Derived by UMTRI from person records for vehicle

2008	Prcnt	Code	Value and Description
138710	79.2	1	No injury
18651	10.6	2	Possible injury
13976	8.0	3	Injured
3432	2.0	4	Disabling injury
435	0.2	5	Fatal
4	0.0	9	Unknown

Variable 116	NUMBER OF OCCUPANTS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## Derived by UMTRI from person records for vehicle

2008	Prcnt	Code	Value and Description
143958	82.2	1	-
			Number of occupants
1	0.0	78	

Variable 117	NUMBER INJURED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## Derived by UMTRI from person records for vehicle

2008	Prcnt	Code	Value and Description
139024	79.3	0	Zero injured



Variable 117:NUMBER INJURED IN VEH (Continued)

2008	Prcnt	Code	Value and Description
30243	17.3	1	- Number injured in vehicle
1	0.0	47	
4	0.0	99	Unknown

---

Variable 118	NUMBER KILLED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

Derived by UMTRI from person records for vehicle

2008	Prcnt	Code	Value and Description
174769	99.7	0	Zero killed
404	0.2	1	One killed
29	0.0	2	Two killed
1	0.0	3	Three killed
1	0.0	4	Four killed
4	0.0	99	Unknown

---

Variable 119	DRIVERLESS VEHICLE	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

MAARS Variable - DRIVERLESS

2008	Prcnt	Code	Value and Description
336	0.2	1	Yes
174872	99.8	2	No

---

Variable 120	PARKED VEHICLE	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

MAARS Variable - PARKED

2008	Prcnt	Code	Value and Description
14677	8.4	1	Yes
160531	91.6	2	No

Variable 121	FIRE	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - FIRE

2008	Prcnt	Code	Value and Description
210	0.1	1	Yes
174998	99.9	2	No

Variable 122	HIT AND RUN	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - HIT\_AND\_RUN

2008	Prcnt	Code	Value and Description
19299	11.0	1	Yes
155909	89.0	2	No

Variable 123	SPEED LIMIT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## MAARS Variable - SPEED\_LIMIT

2008	Prcnt	Code	Value and Description
5985	3.4	0	Not applicable
711	0.4	5	5 mph
2062	1.2	10	10 mph
3997	2.3	15	15 mph
1059	0.6	20	20 mph
31023	17.7	25	25 mph
23843	13.6	30	30 mph
29369	16.8	35	35 mph
20378	11.6	40	40 mph
11620	6.6	45	45 mph
10389	5.9	50	50 mph
17690	10.1	55	55 mph
368	0.2	60	60 mph
4726	2.7	65	65 mph
5	0.0	70	70 mph
11983	6.8	99	Unknown

Variable 124	FIRST IMPACT AREA	Width: 2	Type: Numeric
		Dec: None	Miss: 99

MAARS Variable - IMPACT\_1ST

2008	Prcnt	Code	Value and Description
3175	1.8	0	Not applicable
39902	22.8	1	Front left
16512	9.4	2	Front right
13643	7.8	3	Front right corner
6481	3.7	4	Right side front quarter
4313	2.5	5	Right side 2nd quarter
2611	1.5	6	Right side 3rd quarter
3539	2.0	7	Right side rear quarter
3311	1.9	8	Rear right corner
14975	8.5	9	Rear right
11868	6.8	10	Rear left
4550	2.6	11	Rear left corner
4467	2.5	12	Left side rear quarter
3187	1.8	13	Left side 3rd quarter
5714	3.3	14	Left side 2nd quarter
7531	4.3	15	Left side front quarter
11533	6.6	16	Front left quarter
991	0.6	17	Hood
339	0.2	18	Roof / top
458	0.3	19	Trunk
121	0.1	20	Windshield
68	0.0	21	Windows
814	0.5	22	Underside
946	0.5	23	Overturn
452	0.3	88	Other
13707	7.8	99	Unknown

Variable 125	MAIN IMPACT AREA	Width: 2	Type: Numeric
		Dec: None	Miss: 99

MAARS Variable - IMPACT\_MAIN

2008	Prcnt	Code	Value and Description
4021	2.3	0	Not applicable
27845	15.9	1	Front left
24066	13.7	2	Front right
12071	6.9	3	Front right corner
7335	4.2	4	Right side front quarter
4587	2.6	5	Right side 2nd quarter
2930	1.7	6	Right side 3rd quarter
3742	2.1	7	Right side rear quarter
3234	1.8	8	Rear right corner
11111	6.3	9	Rear right
15374	8.8	10	Rear left
4316	2.5	11	Rear left corner
4379	2.5	12	Left side rear quarter

## Variable 125:MAIN IMPACT AREA (Continued)

2008	Prcnt	Code	Value and Description
3242	1.9	13	Left side 3rd quarter
5931	3.4	14	Left side 2nd quarter
7723	4.4	15	Left side front quarter
11603	6.6	16	Front left quarter
2474	1.4	17	Hood
766	0.4	18	Roof / top
780	0.4	19	Trunk
279	0.2	20	Windshield
76	0.0	21	Windows
1048	0.6	22	Underside
1755	1.0	23	Overturn
374	0.2	88	Other
14146	8.1	99	Unknown

---

Variable 126	AREA DAMAGE 1	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

## MAARS Variable - AREA\_DAMAGED\_ONE

2008	Prcnt	Code	Value and Description
8415	4.8	0	Not applicable
44188	25.2	1	Front left
13043	7.4	2	Front right
10815	6.2	3	Front right corner
6180	3.5	4	Right side front quarter
3588	2.0	5	Right side 2nd quarter
2533	1.4	6	Right side 3rd quarter
3424	2.0	7	Right side rear quarter
4426	2.5	8	Rear right corner
14270	8.1	9	Rear right
8102	4.6	10	Rear left
4569	2.6	11	Rear left corner
4643	2.6	12	Left side rear quarter
3615	2.1	13	Left side 3rd quarter
5340	3.0	14	Left side 2nd quarter
7486	4.3	15	Left side front quarter
9699	5.5	16	Front left quarter
1364	0.8	17	Hood
288	0.2	18	Roof / top
411	0.2	19	Trunk
158	0.1	20	Windshield
67	0.0	21	Windows
707	0.4	22	Underside
2148	1.2	23	Overturn
278	0.2	88	Other
15451	8.8	99	Unknown

Variable 127	AREA DAMAGE 2	Width: 2	Type: Numeric
		Dec: None	Miss: 0

MAARS Variable - AREA\_DAMAGED\_TWO

2008 Prcnt	Code	Value and Description
23514	13.4	0 Not applicable
7405	4.2	1 Front left
32595	18.6	2 Front right
8150	4.7	3 Front right corner
5918	3.4	4 Right side front quarter
3740	2.1	5 Right side 2nd quarter
2704	1.5	6 Right side 3rd quarter
2535	1.4	7 Right side rear quarter
2462	1.4	8 Rear right corner
6527	3.7	9 Rear right
12264	7.0	10 Rear left
3301	1.9	11 Rear left corner
3095	1.8	12 Left side rear quarter
3077	1.8	13 Left side 3rd quarter
4290	2.4	14 Left side 2nd quarter
7153	4.1	15 Left side front quarter
7693	4.4	16 Front left quarter
1848	1.1	17 Hood
576	0.3	18 Roof / top
419	0.2	19 Trunk
220	0.1	20 Windshield
84	0.0	21 Windows
607	0.3	22 Underside
569	0.3	23 Overturn
116	0.1	88 Other
34346	19.6	99 Unknown

Variable 128	AREA DAMAGE 3	Width: 2	Type: Numeric
		Dec: None	Miss: 0

MAARS Variable - AREA\_DAMAGED\_THREE

2008 Prcnt	Code	Value and Description
35913	20.5	0 Not applicable
5041	2.9	1 Front left
6658	3.8	2 Front right
12333	7.0	3 Front right corner
6024	3.4	4 Right side front quarter
2862	1.6	5 Right side 2nd quarter
2733	1.6	6 Right side 3rd quarter
2774	1.6	7 Right side rear quarter
2590	1.5	8 Rear right corner
2993	1.7	9 Rear right
4683	2.7	10 Rear left
3931	2.2	11 Rear left corner
2821	1.6	12 Left side rear quarter

## Variable 128:AREA DAMAGE 3 (Continued)

2008	Prcnt	Code	Value and Description
2521	1.4	13	Left side 3rd quarter
2772	1.6	14	Left side 2nd quarter
4617	2.6	15	Left side front quarter
7892	4.5	16	Front left quarter
12294	7.0	17	Hood
790	0.5	18	Roof / top
3034	1.7	19	Trunk
468	0.3	20	Windshield
166	0.1	21	Windows
1783	1.0	22	Underside
1107	0.6	23	Overturn
197	0.1	88	Other
46211	26.4	99	Unknown

---

Variable 129	DAMAGE EXTENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## MAARS Variable - DAMAGE

2008	Prcnt	Code	Value and Description
3588	2.0	0	Not applicable
6165	3.5	1	No damage
52531	30.0	2	Superficial damage
39369	22.5	3	Functional damage
54407	31.1	4	Disabling damage
7482	4.3	5	Destroyed
18	0.0	8	Other
11648	6.6	9	Unknown

---

Variable 130	MOVEMENT	Width: 2	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - MOVEMENT

2008	Prcnt	Code	Value and Description
30	0.0	0	Not applicable
73204	41.8	1	Moving constant speed
9033	5.2	2	Accelerating
23966	13.7	3	Slowing or stopping
3886	2.2	4	Starting from lane
1462	0.8	5	Starting from parked
13676	7.8	6	Stopped in traffic lane
3514	2.0	7	Changing lanes
871	0.5	8	Passing
629	0.4	9	Parking
14150	8.1	10	Parked

Variable 130:MOVEMENT (Continued)

2008	Prcnt	Code	Value and Description
3315	1.9	11	Backing
11757	6.7	12	Making left turn
3558	2.0	13	Making right turn
102	0.1	14	Right-turn-on-red
964	0.6	15	Making U-turn
4177	2.4	16	Skidding
241	0.1	17	Driverless moving vehicle
18	0.0	88	Other
6655	3.8	99	Missing data

Variable 131	CONTRIBUTING CIRCUMSTAN1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

MAARS Variable - CONTRIB\_CIRCUM1

2008	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
87716	50.1	0	Not applicable
1098	0.6	1	Under influence of drugs
4013	2.3	2	Under influence of alcohol
162	0.1	3	Under influence of medication
139	0.1	4	Under combined influence
542	0.3	5	Physical / mental difficulty
1399	0.8	6	Fell asleep, fainted, etc.
24769	14.1	7	Failed to give full time and attention
293	0.2	8	Did not comply with license restriction
6573	3.8	9	Failure to drive within a single lane
106	0.1	10	Improper right-turn-on-red
10422	5.9	11	Failed to yield right-of-way
885	0.5	12	Failed to obey stop sign
1506	0.9	13	Failed to obey traffic signal
1206	0.7	14	Failed to obey other traffic control
1322	0.8	15	Failed to keep right of center
20	0.0	16	Failed to stop for school bus
166	0.1	17	Wrong way on one-way
1295	0.7	18	Exceeded speed limit
143	0.1	19	Operator using cellular phone
845	0.5	20	Stopping in lane / roadway
9967	5.7	21	Too fast for conditions
6784	3.9	22	Followed too closely
1829	1.0	23	Improper turn
1968	1.1	24	Improper lane change
1816	1.0	25	Improper backing
706	0.4	26	Improper passing
37	0.0	27	Improper signal
400	0.2	28	Improper parking
94	0.1	29	Interference / obstruction by passenger

## Variable 131:CONTRIBUTING CIRCUMSTAN1 (Continued)

2008	Prcnt	Code	Value and Description
Pedestrian, Cyclist: Actions Only			
83	0.0	31	Illegally in roadway
9	0.0	32	Bicycle violation
10	0.0	37	Clothing not visible
Environment Effect			
4	0.0	41	Smog, smoke
317	0.2	42	Sleet, hail, freezing rain
1	0.0	43	Blowing sand, soil, dirt
41	0.0	44	Severe crosswinds
649	0.4	45	Rain, snow
1368	0.8	46	Animal
241	0.1	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
254	0.1	51	Brakes
243	0.1	52	Tires
108	0.1	53	Steering
40	0.0	54	Lights
8	0.0	55	Windows / windshield
59	0.0	56	Wheel(s)
25	0.0	57	Trailer coupling
74	0.0	58	Cargo
87	0.0	59	Engine trouble
Road Condition			
714	0.4	61	Wet
437	0.2	62	Icy or snow-covered
317	0.2	63	Debris or obstruction
53	0.0	64	Ruts, holes, bumps
36	0.0	65	Road under construction or maintenance
45	0.0	66	Traffic control device inoperative
40	0.0	67	Shoulder low, soft, high
425	0.2	88	Other
1299	0.7	99	Missing data

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Variable 132	CONTRIBUTING CIRCUMSTAN2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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## MAARS Variable - CONTRIB\_CIRCUM2

2008	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
114779	65.5	0	Not applicable
406	0.2	1	Under influence of drugs
1062	0.6	2	Under influence of alcohol
133	0.1	3	Under influence of medication
71	0.0	4	Under combined influence
220	0.1	5	Physical / mental difficulty



Variable 132:CONTRIBUTING CIRCUMSTAN2 (Continued)

2008	Prcnt	Code	Value and Description
640	0.4	6	Fell asleep, fainted, etc.
24146	13.8	7	Failed to give full time and attention
571	0.3	8	Did not comply with license restriction
44	0.0	9	Failure to drive within a single lane
1	0.0	10	Improper right-turn-on-red
4755	2.7	11	Failed to yield right-of-way
452	0.3	12	Failed to obey stop sign
708	0.4	13	Failed to obey traffic signal
857	0.5	14	Failed to obey other traffic control
1137	0.6	15	Failed to keep right of center
18	0.0	16	Failed to stop for school bus
131	0.1	17	Wrong way on one-way
1335	0.8	18	Exceeded speed limit
19	0.0	19	Operator using cellular phone
14	0.0	20	Stopping in lane / roadway
6489	3.7	21	Too fast for conditions
3702	2.1	22	Followed too closely
1637	0.9	23	Improper turn
1026	0.6	24	Improper lane change
673	0.4	25	Improper backing
337	0.2	26	Improper passing
32	0.0	27	Improper signal
135	0.1	28	Improper parking
59	0.0	29	Interference / obstruction by passenger
Pedestrian, Cyclist: Actions Only			
35	0.0	31	Illegally in roadway
6	0.0	32	Bicycle violation
20	0.0	37	Clothing not visible
Environment Effect			
9	0.0	41	Smog, smoke
310	0.2	42	Sleet, hail, freezing rain
2	0.0	43	Blowing sand, soil, dirt
23	0.0	44	Severe crosswinds
1241	0.7	45	Rain, snow
179	0.1	46	Animal
309	0.2	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
132	0.1	51	Brakes
104	0.1	52	Tires
61	0.0	53	Steering
14	0.0	54	Lights
12	0.0	55	Windows / windshield
19	0.0	56	Wheel(s)
12	0.0	57	Trailer coupling
34	0.0	58	Cargo
10	0.0	59	Engine trouble
Road Condition			
1226	0.7	61	Wet

## Variable 132:CONTRIBUTING CIRCUMSTAN2 (Continued)

2008	Prcnt	Code	Value and Description
446	0.3	62	Icy or snow-covered
76	0.0	63	Debris or obstruction
28	0.0	64	Ruts, holes, bumps
35	0.0	65	Road under construction or maintenance
25	0.0	66	Traffic control device inoperative
34	0.0	67	Shoulder low, soft, high
170	0.1	88	Other
5047	2.9	99	Missing data

Variable 133	CONTRIBUTING CIRCUMSTAN3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## MAARS Variable - CONTRIB\_CIRCUM3

2008	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
149656	85.4	0	Not applicable
275	0.2	1	Under influence of drugs
441	0.3	2	Under influence of alcohol
55	0.0	3	Under influence of medication
83	0.0	4	Under combined influence
80	0.0	5	Physical / mental difficulty
252	0.1	6	Fell asleep, fainted, etc.
8445	4.8	7	Failed to give full time and attention
335	0.2	8	Did not comply with license restriction
30	0.0	9	Failure to drive within a single lane
2	0.0	10	Improper right-turn-on-red
812	0.5	11	Failed to yield right-of-way
197	0.1	12	Failed to obey stop sign
300	0.2	13	Failed to obey traffic signal
440	0.3	14	Failed to obey other traffic control
724	0.4	15	Failed to keep right of center
11	0.0	16	Failed to stop for school bus
60	0.0	17	Wrong way on one-way
755	0.4	18	Exceeded speed limit
14	0.0	19	Operator using cellular phone
5	0.0	20	Stopping in lane / roadway
2645	1.5	21	Too fast for conditions
1170	0.7	22	Followed too closely
992	0.6	23	Improper turn
685	0.4	24	Improper lane change
181	0.1	25	Improper backing
213	0.1	26	Improper passing
18	0.0	27	Improper signal
54	0.0	28	Improper parking
45	0.0	29	Interference / obstruction by passenger
Pedestrian, Cyclist: Actions Only			
18	0.0	31	Illegally in roadway

Variable 133:CONTRIBUTING CIRCUMSTAN3 (Continued)

2008	Prcnt	Code	Value and Description
3	0.0	32	Bicycle violation
4	0.0	37	Clothing not visible
Environment Effect			
8	0.0	41	Smog, smoke
156	0.1	42	Sleet, hail, freezing rain
2	0.0	43	Blowing sand, soil, dirt
25	0.0	44	Severe crosswinds
1074	0.6	45	Rain, snow
101	0.1	46	Animal
178	0.1	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
92	0.1	51	Brakes
84	0.0	52	Tires
18	0.0	53	Steering
9	0.0	54	Lights
4	0.0	55	Windows / windshield
13	0.0	56	Wheel(s)
4	0.0	57	Trailer coupling
20	0.0	58	Cargo
1	0.0	59	Engine trouble
Road Condition			
1295	0.7	61	Wet
299	0.2	62	Icy or snow-covered
44	0.0	63	Debris or obstruction
20	0.0	64	Ruts, holes, bumps
35	0.0	65	Road under construction or maintenance
11	0.0	66	Traffic control device inoperative
40	0.0	67	Shoulder low, soft, high
130	0.1	88	Other
2545	1.5	99	Missing data

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Variable 134	CONTRIBUTING CIRCUMSTAN4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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MAARS Variable - CONTRIB\_CIRCUM4

2008	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
166050	94.8	0	Not applicable
276	0.2	1	Under influence of drugs
168	0.1	2	Under influence of alcohol
44	0.0	3	Under influence of medication
92	0.1	4	Under combined influence
34	0.0	5	Physical / mental difficulty
67	0.0	6	Fell asleep, fainted, etc.
2171	1.2	7	Failed to give full time and attention

## Variable 134:CONTRIBUTING CIRCUMSTAN4 (Continued)

2008	Prcnt	Code	Value and Description
143	0.1	8	Did not comply with license restriction
18	0.0	9	Failure to drive within a single lane
2	0.0	10	Improper right-turn-on-red
148	0.1	11	Failed to yield right-of-way
36	0.0	12	Failed to obey stop sign
73	0.0	13	Failed to obey traffic signal
156	0.1	14	Failed to obey other traffic control
256	0.1	15	Failed to keep right of center
7	0.0	16	Failed to stop for school bus
29	0.0	17	Wrong way on one-way
270	0.2	18	Exceeded speed limit
2	0.0	19	Operator using cellular phone
5	0.0	20	Stopping in lane / roadway
792	0.5	21	Too fast for conditions
291	0.2	22	Followed too closely
300	0.2	23	Improper turn
298	0.2	24	Improper lane change
53	0.0	25	Improper backing
144	0.1	26	Improper passing
11	0.0	27	Improper signal
20	0.0	28	Improper parking
17	0.0	29	Interference / obstruction by passenger
			Pedestrian, Cyclist: Actions Only
6	0.0	31	Illegally in roadway
0	0.0	32	Bicycle violation
1	0.0	37	Clothing not visible
			Environment Effect
1	0.0	41	Smog, smoke
34	0.0	42	Sleet, hail, freezing rain
1	0.0	43	Blowing sand, soil, dirt
5	0.0	44	Severe crosswinds
364	0.2	45	Rain, snow
16	0.0	46	Animal
40	0.0	47	Vision obstruction (including blinded by sun / lights)
			Vehicle Defect
24	0.0	51	Brakes
33	0.0	52	Tires
8	0.0	53	Steering
5	0.0	54	Lights
2	0.0	55	Windows / windshield
2	0.0	56	Wheel(s)
1	0.0	57	Trailer coupling
5	0.0	58	Cargo
0	0.0	59	Engine trouble
			Road Condition
1115	0.6	61	Wet
145	0.1	62	Icy or snow-covered
19	0.0	63	Debris or obstruction

Variable 134:CONTRIBUTING CIRCUMSTAN4 (Continued)

2008	Prcnt	Code	Value and Description
11	0.0	64	Ruts, holes, bumps
18	0.0	65	Road under construction or maintenance
14	0.0	66	Traffic control device inoperative
15	0.0	67	Shoulder low, soft, high
101	0.1	88	Other
1249	0.7	99	Missing data

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Variable 135	DIRECTION GOING	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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MAARS Variable - GOING

The direction the traffic unit was going before the crash.

2008	Prcnt	Code	Value and Description
15085	8.6	0	Not applicable
44312	25.3	1	North
41908	23.9	2	South
32822	18.7	3	East
31915	18.2	4	West
9166	5.2	9	Unknown

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Variable 136	DIRECTION CONTINUING	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

MAARS Variable - CONTINUING

The intended direction of travel, if different than Direction Going a turn is implied.

2008	Prcnt	Code	Value and Description
15104	8.6	0	Not applicable
43904	25.1	1	North
41872	23.9	2	South
33021	18.8	3	East
32099	18.3	4	West
9208	5.3	9	Unknown

Variable 137	TOWED UNIT-TYPE 1	Width: 2	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - TOWED\_ONE

2008 Prcnt	Code	Value and Description
76386	43.6	0 Not applicable
691	0.4	1 One semi trailer
92	0.1	2 One semi trailer + one full trailer
330	0.2	3 One full trailer
11	0.0	4 Two full trailers
8	0.0	5 Three trailers
1266	0.7	6 Automobile
271	0.2	7 Utility trailer
30	0.0	8 Boat trailer
11	0.0	9 Camper
10	0.0	10 Travel / home trailer
4	0.0	11 Mobile home
26	0.0	12 Farm equipment
10	0.0	88 Other
96062	54.8	99 Unknown

Variable 138	TOWED UNIT-TYPE 2	Width: 2	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - TOWED\_TWO

2008 Prcnt	Code	Value and Description
78139	44.6	0 Not applicable
234	0.1	1 One semi trailer
77	0.0	2 One semi trailer + one full trailer
93	0.1	3 One full trailer
12	0.0	4 Two full trailers
4	0.0	5 Three trailers
106	0.1	6 Automobile
95	0.1	7 Utility trailer
11	0.0	8 Boat trailer
3	0.0	9 Camper
6	0.0	10 Travel / home trailer
3	0.0	11 Mobile home
10	0.0	12 Farm equipment
3	0.0	88 Other
96412	55.0	99 Unknown

---

Variable 139	TOWED UNIT-TYPE 3	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

MAARS Variable - TOWED\_THREE

2008 Prcnt	Code	Value and Description
77827 44.4	0	Not applicable
96 0.1	1	One semi trailer
37 0.0	2	One semi trailer + One full trailer
25 0.0	3	One full trailer
9 0.0	4	Two full trailers
6 0.0	5	Three trailers
416 0.2	6	Automobile
13 0.0	7	Utility trailer
6 0.0	8	Boat trailer
8 0.0	9	Camper
5 0.0	10	Travel / home trailer
5 0.0	11	Mobile home
5 0.0	12	Farm equipment
96750 55.2	99	Unknown

---

Variable 140	DRIVER CONDITION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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MAARS Variable - CONDITION

2008 Prcnt	Code	Value and Description
13862 7.9	0	Not applicable
128117 73.1	1	Apparently normal
5918 3.4	2	Had been drinking
476 0.3	3	Using drugs
136 0.1	4	Physical defects
193 0.1	5	Other handicaps
271 0.2	6	Ill
387 0.2	7	Fatigued
304 0.2	8	Apparently asleep
101 0.1	88	Other
25443 14.5	99	Unknown

---

Variable 141	DRIVER AT FAULT	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

MAARS Variable - FAULT

2008 Prcnt	Code	Value and Description
80423 45.9	1	Yes
73444 41.9	2	No
21341 12.2	9	Unknown

<u>Variable 142</u>	<u>DRIVER LICENSE CLASS</u>	Width: 2	Type: Alphabetic
		Dec: None	Miss: None

MAARS Variable - LIC\_NUM

<u>Variable 143</u>	<u>COMMERCIAL DRIVERS LIC</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

MAARS Variable -

2008	Prcnt	Code	Value and Description
4156	2.4	1	Yes
171048	97.6	2	No
4	0.0	9	Unknown

<u>Variable 144</u>	<u>DRIVER AGE</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

MAARS Variable - AGE

2008	Prcnt	Code	Value and Description
30437	17.4	0	Less than 1 year old
1	0.0	2	2 year old
		-	
1	0.0	130	130 years old
37	0.0	999	Unknown

<u>Variable 145</u>	<u>DRIVER DOB</u>	Width: 10	Type: Alphabetic
		Dec: None	Miss: None

MAARS Variable - DRIVER\_DOB

<u>Variable 146</u>	<u>DRIVER GENDER</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

MAARS Variable - SEX\_CODE

2008	Prcnt	Code	Value and Description
88110	50.3	1	Male
60574	34.6	2	Female
26524	15.1	9	Unknown



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Variable 147	<u>DRIVER SAFETY EQUIPMENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

MAARS Variable - SAF\_EQUIP

2008	Prcnt	Code	Value and Description
10254	5.9	0	Not applicable
3459	2.0	1	None
920	0.5	11	Lap belt only
1578	0.9	12	Shoulder belt only
103769	59.2	13	Shoulder / lap belt(s)
0	0.0	14	Child / youth restraint
790	0.5	21	MC / bike helmet
17	0.0	22	MC / bike eye shield only
705	0.4	23	MC / bike helmet and shield
547	0.3	31	Air bag only
21268	12.1	32	Air bag and belt(s)
29	0.0	88	Other
31872	18.2	99	Unknown

---

Variable 148	<u>SAFETY EQUIPMENT PROBLEM</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

MAARS Variable - EQUIP\_PROB

2008	Prcnt	Code	Value and Description
13025	7.4	0	Not applicable
130687	74.6	1	No misuse
70	0.0	2	Belts / anchors broke
374	0.2	3	Belts misused
826	0.5	4	Air bag failed
51	0.0	8	Other
30175	17.2	9	Unknown

---

Variable 149	<u>DRIVER EJECTION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

MAARS Variable - EJECTION

2008	Prcnt	Code	Value and Description
7996	4.6	0	Not applicable
141117	80.5	1	Not ejected or trapped
1214	0.7	2	Fully ejected
199	0.1	3	Partially ejected
979	0.6	4	Trapped
22	0.0	8	Other
23681	13.5	9	Unknown

<u>Variable 150</u>	<u>DRIVER INJURY SEVERITY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - INJ\_SEVER

2008	Prcnt	Code	Value and Description
142782	81.5	1	No injury
16667	9.5	2	Possible injury
12350	7.0	3	Injury
3047	1.7	4	Disabling injury
358	0.2	5	Fatal
4	0.0	9	Unknown

<u>Variable 151</u>	<u>DRIVER IMPAIRED</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - ALCO\_DRUG\_IMPAIRED

2008	Prcnt	Code	Value and Description
6640	3.8	1	Alcohol
214	0.1	2	Alcohol and drug
1524	0.9	3	Drug
166826	95.2	4	Not impaired
4	0.0	9	Unknown

<u>Variable 152</u>	<u>SUBSTANCE USE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## MAARS Variable - SUBST\_USE

2008	Prcnt	Code	Value and Description
20812	11.9	0	Not applicable
121891	69.6	1	None detected
3882	2.2	11	Alcohol present
148	0.1	12	Illegal drug present
141	0.1	13	Medication present
82	0.0	14	Combined substances present
1740	1.0	21	Alcohol contributed
100	0.1	22	Illegal drug contributed
112	0.1	23	Medication contributed
64	0.0	24	Combination contributed
49	0.0	88	Other
26187	14.9	99	Unknown

Variable 153	DRIVER TESTS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

MAARS Variable - TESTS

2008 Prcnt	Code	Value and Description
88907 50.7	0	Not applicable
2607 1.5	1	Test refused
964 0.6	2	Positive preliminary test
2789 1.6	3	Evidence test given
220 0.1	8	Other
79721 45.5	9	Unknown

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

MAARS Variable - BAC

Enter the BAC result value following the decimal point

2008 Prcnt	Code	Value and Description
172237 98.3	0	
105 0.1	1	
	-	BAC test results
1 0.0	91	
4 0.0	99	Unknown

Variable 155	RESIDENCE STATE	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

MAARS Variable - STATE Recoded from original text value shown in parentheses

2008 Prcnt	Code	Value and Description
UNITED STATES		
67 0.0	1	(AL) Alabama
24 0.0	2	(AK) Alaska
75 0.0	4	(AZ) Arizona
30 0.0	5	(AR) Arkansas
255 0.1	6	(CA) California
59 0.0	8	(CO) Colorado
135 0.1	9	(CT) Connecticut
1224 0.7	10	(DE) Delaware
2737 1.6	11	(DC) District of Columbia
738 0.4	12	(FL) Florida
263 0.2	13	(GA) Georgia
27 0.0	15	(HI) Hawaii
9 0.0	16	(ID) Idaho
137 0.1	17	(IL) Illinois

## Variable 155:RESIDENCE STATE (Continued)

2008	Prcnt	Code	Value and Description
62	0.0	18	(IN) Indiana
23	0.0	19	(IA) Iowa
21	0.0	20	(KS) Kansas
68	0.0	21	(KY) Kentucky
56	0.0	22	(LA) Louisiana
40	0.0	23	(ME) Maine
124366	71.0	24	(MD) Maryland
134	0.1	25	(MA) Massachusetts
141	0.1	26	(MI) Michigan
69	0.0	27	(MN) Minnesota
32	0.0	28	(MS) Mississippi
41	0.0	29	(MO) Missouri
8	0.0	30	(MT) Montana
20	0.0	31	(NE) Nebraska
20	0.0	32	(NV) Nevada
36	0.0	33	(NH) New Hampshire
619	0.4	34	(NJ) New Jersey
26	0.0	35	(NM) New Mexico
775	0.4	36	(NY) New York
592	0.3	37	(NC) North Carolina
94	0.1	38	(ND) North Dakota
273	0.2	39	(OH) Ohio
34	0.0	40	(OK) Oklahoma
27	0.0	41	(OR) Oregon
3505	2.0	42	(PA) Pennsylvania
28	0.0	44	(RI) Rhode Island
186	0.1	45	(SC) South Carolina
9	0.0	46	(SD) South Dakota
131	0.1	47	(TN) Tennessee
350	0.2	48	(TX) Texas
17	0.0	49	(UT) Utah
15	0.0	50	(VT) Vermont
3566	2.0	51	(VA) Virginia
76	0.0	53	(WA) Washington
853	0.5	54	(WV) West Virginia
44	0.0	55	(WI) Wisconsin
10	0.0	56	(WY) Wyoming
US TERRITORY			
4	0.0	72	(PR) Puerto Rico
2	0.0	75	(MH) Marshall Islands
4	0.0	78	(VI) Virgin Islands
CANADA			
MEXICO			
INTERNATIONAL			
UNKNOWN			
33051	18.9	9999	(UK) Unknown

Variable 156	DRIVER ZIP CODE	Width: 5	Type: Alphabetic
		Dec: None	Miss: None

MAARS Variable - ZIP\_CODE

The VEHICLE VINDICATOR Variables

Variables 157 through 177 describe the traffic units (motor vehicles, pedestrians, pedalcyclists, parked cars, etc.) involved in the accident. They are included in all Vehicle and Occupant data sets.

Variable 157	VINDICATOR - IERR	Width: 2	Type: Numeric
		Dec: None	Miss: None

VINDICATOR Variable - ErrorCode

2008	Prcnt	Code	Value and Description
2635	1.5	-1	Invalid engine code
131124	74.8	0	No errors
10563	6.0	1	VIN has zero length
75	0.0	2	VIN contains improper characters
421	0.2	3	VIN length less than 7 characters
20117	11.5	4	VIN does not match any valid pattern
95	0.1	5	Make code not valid for VIN pattern
461	0.3	6	VIN model year / pattern conflict
28	0.0	7	Motorcycle or ATV VIN, inappropriate vehicle type
37	0.0	8	Recognized VIN, inappropriate vehicle make
7345	4.2	9	Series / model key not in table
2270	1.3	10	Series / model key in table, model year invalid
5	0.0	12	VIN not in U.S. standard format (gray market vehicle)
32	0.0	99	VIN not decoded / no VIN

Variable 158	VINDICATOR - ALTSW	Width: 1	Type: Numeric
		Dec: None	Miss: None

VINDICATOR Variable - CharacterSubstitution

2008	Prcnt	Code	Value and Description
151045	86.2	0	No alteration has been made
24163	13.8	1	That VINDICATOR has made some change to the input vin (e.g., replaced alphabetic "I" by numeric "1", etc.)

Variable 159	VINDICATOR - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 0

## VINDICATOR Variable - ModelYear

2008	Prcnt	Code	Value and Description
31807	18.2	0	Missing data
31	0.0	1967	
		-	Model year
1239	0.7	1990	
1582	0.9	1991	1991
2213	1.3	1992	1992
2874	1.6	1993	1993
4088	2.3	1994	1994
4622	2.6	1995	1995
5352	3.1	1996	1996
6477	3.7	1997	1997
7297	4.2	1998	1998
8510	4.9	1999	1999
9727	5.6	2000	2000
9865	5.6	2001	2001
10836	6.2	2002	2002
11348	6.5	2003	2003
11849	6.8	2004	2004
11797	6.7	2005	2005
11017	6.3	2006	2006
11181	6.4	2007	2007
7092	4.0	2008	2008
862	0.5	2009	2009

Variable 160	VINDICATOR - MAKE	Width: 2	Type: Numeric
		Dec: None	Miss: 0

## VINDICATOR Variable - MakeNumber

2008	Prcnt	Code	Value and Description
31372	17.9	0	Missing data
8957	5.1	1	Chevrolet/Geo
9883	5.6	2	Ford
3232	1.8	3	Pontiac
2633	1.5	4	Buick
442	0.3	5	Plymouth
1438	0.8	6	Oldsmobile
3306	1.9	7	Dodge
2228	1.3	8	Volkswagen
2394	1.4	9	Mercury
1885	1.1	10	Cadillac
6	0.0	11	AMC/Eagle
1996	1.1	12	Chrysler
1508	0.9	13	Lincoln
784	0.4	14	Opel/Isuzu
8536	4.9	15	Datsun/Nissan

Variable 160:VINDICATOR - MAKE (Continued)

2008	Prcnt	Code	Value and Description
16828	9.6	16	Toyota
1	0.0	17	Capri/Merkur
2886	1.6	18	Mazda
7	0.0	19	Fiat/Bertone
1229	0.7	20	Volvo
489	0.3	21	Audi
26	0.0	22	Dodge/Mitsubishi
13384	7.6	23	Honda
76	0.0	24	Porsche
1	0.0	25	MG
1260	0.7	26	Subaru
6	0.0	27	Chrysler/Plymouth/Mitsubishi
9	0.0	28	GMCA/Passport/Asuna
9451	5.4	29	Chevrolet/Geo Truck
2672	1.5	30	GMC Truck
14332	8.2	31	Ford Truck
5699	3.3	32	Dodge Truck
1998	1.1	33	Chrysler/Plymouth Truck
3844	2.2	34	Jeep
2	0.0	35	International
1935	1.1	36	Mercedes Benz
1730	1.0	37	BMW
75	0.0	38	Renault/Eagle
266	0.2	39	Saab
0	0.0	40	Peugeot
0	0.0	41	Triumph
1	0.0	42	Ferrari
0	0.0	43	Lancia
276	0.2	44	Jaguar
2	0.0	45	Alfa Romeo
0	0.0	46	Rolls Royce
1	0.0	47	Bentley
0	0.0	48	Aston Martin
1	0.0	49	Delorean
0	0.0	50	Avanti
2202	1.3	51	Mitsubishi
2	0.0	52	Lotus
0	0.0	53	Yugo
3394	1.9	54	Hyundai
465	0.3	55	Suzuki
4	0.0	56	Maserati
2570	1.5	57	Acura
0	0.0	58	TVR
0	0.0	59	Sterling
249	0.1	60	Land Rover
0	0.0	61	Daihatsu
0	0.0	62	Panther
0	0.0	63	Lamborghini
0	0.0	64	Laforza
1851	1.1	65	Lexus
908	0.5	66	Infiniti
2020	1.2	67	Saturn

## Variable 160:VINDICATOR - MAKE (Continued)

2008 Prcnt	Code	Value and Description
1485	0.8	68 Kia
115	0.1	69 AM General
43	0.0	70 Daewoo
2	0.0	71 GEM
95	0.1	72 Mini
2	0.0	73 Maybach
705	0.4	74 Scion
1	0.0	76 Smart
8	0.0	77 Tesla

Variable 161	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 A for Abbreviations used in this Variable

2008 Prcnt	Code	Value and Description
31372	17.9	0 Make/model data missing
553	0.3	1000000 Chevrolet Unknown Series Model
6	0.0	1001000 Chevrolet Nova 2D
1	0.0	1001001 Chevrolet Nova 2D Nova
1	0.0	1001003 Chevrolet Nova 2D Nova SS
35	0.0	1003000 Chevrolet Monte Carlo 2D
93	0.1	1003015 Chevrolet Monte Carlo 2D SS
21	0.0	1003016 Chevrolet Monte Carlo 2D LT
2	0.0	1003058 Chevrolet Monte Carlo 2D LTZ
35	0.0	1003066 Chevrolet Monte Carlo 2D Z34
172	0.1	1003069 Chevrolet Monte Carlo 2D LS
5	0.0	1003075 Chevrolet Monte Carlo 2D Hi-Sport SS
2	0.0	1007014 Chevrolet Caprice 2D Custom
2	0.0	1007039 Chevrolet Caprice 2D Classic
189	0.1	1008000 Chevrolet Camaro 2D
1	0.0	1008040 Chevrolet Camaro 2D Berlinetta
15	0.0	1008045 Chevrolet Camaro 2D Z28
65	0.0	1009000 Chevrolet Corvette 2D
5	0.0	1009013 Chevrolet Corvette 2D Z06
1	0.0	1009035 Chevrolet Corvette 2D Sport
1	0.0	1009060 Chevrolet Corvette 2D ZR1
9	0.0	1018000 Chevrolet Caprice SW
18	0.0	1018039 Chevrolet Caprice SW Classic
1	0.0	1019000 Chevrolet Chevelle 2D
3	0.0	1019006 Chevrolet Chevelle 2D Malibu
1	0.0	1020000 Chevrolet El Camino 2D
1	0.0	1020009 Chevrolet El Camino 2D El Camino Custom
1	0.0	1021037 Chevrolet Monza 2D 2+2
11	0.0	1022000 Chevrolet Nova 4D
793	0.5	1026000 Chevrolet Impala 4D



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
36	0.0	1026015	Chevrolet Impala 4D SS
52	0.0	1026016	Chevrolet Impala 4D LT
19	0.0	1026058	Chevrolet Impala 4D LTZ
421	0.2	1026069	Chevrolet Impala 4D LS
427	0.2	1026071	Chevrolet Impala 4D Police
187	0.1	1026076	Chevrolet Impala 4D LT 3.5
2	0.0	1026077	Chevrolet Impala 4D 50th Anniversary
34	0.0	1027000	Chevrolet Caprice 4D
1	0.0	1027029	Chevrolet Caprice 4D Classic LS/LTZ
1	0.0	1027035	Chevrolet Caprice 4D Sport
41	0.0	1027039	Chevrolet Caprice 4D Classic
9	0.0	1027044	Chevrolet Caprice 4D Classic LS/Impala SS
9	0.0	1027056	Chevrolet Caprice 4D Brougham
19	0.0	1027067	Chevrolet Caprice 4D Classic/LTZ
41	0.0	1027070	Chevrolet Caprice 4D Classic/Impala SS
1	0.0	1031038	Chevrolet Malibu 2D Malibu Classic
538	0.3	1032000	Chevrolet Malibu 4D
3	0.0	1032015	Chevrolet Malibu 4D SS
122	0.1	1032016	Chevrolet Malibu 4D LT
4	0.0	1032058	Chevrolet Malibu 4D LTZ
423	0.2	1032069	Chevrolet Malibu 4D LS
7	0.0	1032079	Chevrolet Malibu 4D LS Classic
6	0.0	1032080	Chevrolet Malibu 4D LT Classic
2	0.0	1033000	Chevrolet Malibu SW
1	0.0	1035000	Chevrolet Chevette 4D
1	0.0	1037000	Chevrolet Citation 4D
540	0.3	1038000	Chevrolet Cavalier 2D
72	0.0	1038030	Chevrolet Cavalier 2D Z24/LS Sport
66	0.0	1038054	Chevrolet Cavalier 2D Z24
33	0.0	1038069	Chevrolet Cavalier 2D LS
191	0.1	1038072	Chevrolet Cavalier 2D Base/RS
830	0.5	1039000	Chevrolet Cavalier 4D
27	0.0	1039030	Chevrolet Cavalier 4D Z24/LS
4	0.0	1039049	Chevrolet Cavalier 4D CS
183	0.1	1039069	Chevrolet Cavalier 4D LS
12	0.0	1040000	Chevrolet Cavalier SW
1	0.0	1040049	Chevrolet Cavalier SW CS
29	0.0	1042000	Chevrolet Celebrity 4D
5	0.0	1043000	Chevrolet Cavalier Conv
7	0.0	1043054	Chevrolet Cavalier Conv Z24
3	0.0	1043069	Chevrolet Cavalier Conv LS
10	0.0	1044000	Chevrolet Celebrity SW
1	0.0	1047000	Chevrolet Spectrum 4D
25	0.0	1049000	Chevrolet Corvette Conv
1	0.0	1049042	Chevrolet Corvette Conv Sting Ray
72	0.0	1050000	Chevrolet Corsica 4D
29	0.0	1050016	Chevrolet Corsica 4D LT
1	0.0	1050058	Chevrolet Corsica 4D LTZ
34	0.0	1051000	Chevrolet Beretta 2D
3	0.0	1051059	Chevrolet Beretta 2D GT
1	0.0	1051065	Chevrolet Beretta 2D GTZ
8	0.0	1051068	Chevrolet Beretta 2D Z26

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
13	0.0	1052000	Chevrolet Camaro Conv
42	0.0	1053017	Chevrolet Geo Metro 2D Base/LSI
1	0.0	1053061	Chevrolet Geo Metro 2D LSI
14	0.0	1054017	Chevrolet Geo Metro 4D Base/LSI
25	0.0	1054061	Chevrolet Geo Metro 4D LSI
33	0.0	1055000	Chevrolet Geo Prizm 4D
303	0.2	1055017	Chevrolet Geo Prizm 4D Base/LSI
1	0.0	1055062	Chevrolet Geo Prizm 4D GSI
178	0.1	1056000	Chevrolet Lumina 4D
18	0.0	1056058	Chevrolet Lumina 4D LTZ
22	0.0	1056063	Chevrolet Lumina 4D Eurosport
29	0.0	1056069	Chevrolet Lumina 4D LS
206	0.1	1056073	Chevrolet Lumina 4D Base/LS
2	0.0	1057000	Chevrolet Lumina 2D
5	0.0	1057063	Chevrolet Lumina 2D Eurosport
3	0.0	1057066	Chevrolet Lumina 2D Z34
2	0.0	1058061	Chevrolet Geo Metro Conv LSI
2	0.0	1059000	Chevrolet Geo Storm 2D
1	0.0	1059062	Chevrolet Geo Storm 2D GSI
1	0.0	1060000	Chevrolet Geo Storm 2D SW
116	0.1	1061000	Chevrolet Malibu Classic 4D
1	0.0	1062000	Chevrolet Malibu Maxx 5D
3	0.0	1062015	Chevrolet Malibu Maxx 5D SS
38	0.0	1062016	Chevrolet Malibu Maxx 5D LT
1	0.0	1062058	Chevrolet Malibu Maxx 5D LTZ
34	0.0	1062069	Chevrolet Malibu 5D LS
17	0.0	1063000	Chevrolet Aveo 4D
17	0.0	1063016	Chevrolet Aveo 4D LT
44	0.0	1063069	Chevrolet Aveo 4D LS
26	0.0	1063073	Chevrolet Aveo 4D Base/LS
5	0.0	1063083	Chevrolet Aveo 4D LS/LT
11	0.0	1064000	Chevrolet Aveo 5D
14	0.0	1064016	Chevrolet Aveo 5D LT
6	0.0	1064069	Chevrolet Aveo 5D LS
43	0.0	1064073	Chevrolet Aveo 5D Base/LS
22	0.0	1065000	Chevrolet Cobalt 2D
14	0.0	1065015	Chevrolet Cobalt 2D SS
121	0.1	1065016	Chevrolet Cobalt 2D LT
6	0.0	1065035	Chevrolet Cobalt 2D Sport
193	0.1	1065069	Chevrolet Cobalt 2D LS
77	0.0	1066000	Chevrolet Cobalt 4D
6	0.0	1066015	Chevrolet Cobalt 4D SS
174	0.1	1066016	Chevrolet Cobalt 4D LT
1	0.0	1066035	Chevrolet Cobalt 4D Sport
3	0.0	1066058	Chevrolet Cobalt 4D LTZ
342	0.2	1066069	Chevrolet Cobalt 4D LS
1	0.0	1067000	Chevrolet Corvette Z06 2D
21	0.0	1068000	Chevrolet Cobalt SS Supercharged 2D
1	0.0	1071000	Chevrolet Malibu Hybrid 4D
30	0.0	1072016	Chevrolet Malibu 4D LT
5	0.0	1072058	Chevrolet Malibu 4D LTZ
25	0.0	1072069	Chevrolet Malibu 4D LS

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
407	0.2	2000000	Ford Unknown Series Model
1	0.0	2007000	Ford LTD 2D
1	0.0	2007021	Ford LTD 2D Brougham
2	0.0	2007037	Ford LTD 2D Crown Victoria
2	0.0	2007050	Ford LTD 2D Crown Victoria LX
516	0.3	2008000	Ford Mustang 2D
15	0.0	2008008	Ford Mustang 2D Cobra
207	0.1	2008010	Ford Mustang 2D GT
3	0.0	2008042	Ford Mustang 2D L
56	0.0	2008045	Ford Mustang 2D LX
29	0.0	2009000	Ford Thunderbird 2D
131	0.1	2009045	Ford Thunderbird 2D LX
3	0.0	2009052	Ford Thunderbird 2D Sport
1	0.0	2009053	Ford Thunderbird 2D Turbo
2	0.0	2009058	Ford Thunderbird 2D Super
15	0.0	2011086	Ford Crown Victoria LWB 4D Fleet
1	0.0	2015014	Ford Ranchero Ranchero 500
1	0.0	2018000	Ford Maverick 4D
1	0.0	2020000	Ford Granada 2D
1	0.0	2020042	Ford Granada 2D L
1	0.0	2021000	Ford Granada 4D
1	0.0	2021031	Ford Granada 4D Ghia
1	0.0	2023000	Ford LTD/Crown Victoria 4D
2411	1.4	2023015	Ford LTD/Crown Victoria 4D Crown Victoria Police
58	0.0	2023016	Ford LTD/Crown Victoria 4D Crown Victoria STD
1	0.0	2023021	Ford LTD/Crown Victoria 4D Brougham
44	0.0	2023037	Ford LTD/Crown Victoria 4D Crown Victoria
258	0.1	2023050	Ford LTD/Crown Victoria 4D Crown Victoria LX
22	0.0	2023051	Ford LTD 4D Crown Victoria S
1	0.0	2023060	Ford LTD 4D Crown Victoria Tour
2	0.0	2023070	Ford LTD 4D Crown Victoria Commercial
1	0.0	2026000	Ford Fairmont 4D
1	0.0	2029002	Ford Fairmont Futura 2D Futura
1	0.0	2034024	Ford Torino 4D Grand Torino
1	0.0	2037005	Ford Fairlane 2D Torino
3	0.0	2040011	Ford LTD SW Country Squire
1	0.0	2040054	Ford LTD SW Country Squire LX
123	0.1	2051000	Ford Mustang Conv
6	0.0	2051008	Ford Mustang Conv Cobra
92	0.1	2051010	Ford Mustang Conv GT
12	0.0	2051045	Ford Mustang Conv LX
2	0.0	2052000	Ford LTD 4D
3	0.0	2054044	Ford Tempo 2D 2WD GL
1	0.0	2054056	Ford Tempo 2D 2WD GLS
1	0.0	2055042	Ford Tempo 4D 2WD L
66	0.0	2055044	Ford Tempo 4D 2WD GL
4	0.0	2055045	Ford Tempo 4D 2WD LX
1	0.0	2055052	Ford Tempo 4D 2WD Sport
120	0.1	2056001	Ford Taurus 4D LX/SE
706	0.4	2056018	Ford Taurus 4D SE
18	0.0	2056029	Ford Taurus 4D G
22	0.0	2056042	Ford Taurus 4D L

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
349	0.2	2056044	Ford Taurus 4D GL
152	0.1	2056045	Ford Taurus 4D LX
10	0.0	2056057	Ford Taurus 4D SHO
1	0.0	2056061	Ford Taurus 4D MT-5/L/GL/LX
371	0.2	2056073	Ford Taurus 4D SES
176	0.1	2056074	Ford Taurus 4D SEL
95	0.1	2057018	Ford Taurus SW SE
11	0.0	2057042	Ford Taurus SW L
78	0.0	2057044	Ford Taurus SW GL
16	0.0	2057045	Ford Taurus SW LX
1	0.0	2057061	Ford Taurus SW MT-5/L/GL/LX
3	0.0	2057074	Ford Taurus SW SEL
2	0.0	2058048	Ford Tempo 2D 4WD All Wheel
1	0.0	2059048	Ford Tempo 4D 4WD All Wheel
6	0.0	2061042	Ford Festiva 2D L
4	0.0	2061044	Ford Festiva 2D GL
1	0.0	2061059	Ford Festiva 2D L Plus
1	0.0	2062010	Ford Escort 2D GT
1	0.0	2062044	Ford Escort 2D GL
2	0.0	2062046	Ford Escort 2D Pony
1	0.0	2063042	Ford Escort 4D L
1	0.0	2063044	Ford Escort 4D GL
1	0.0	2064044	Ford Escort SW GL
3	0.0	2066000	Ford Escort 2D
10	0.0	2066010	Ford Escort 2D GT
68	0.0	2066045	Ford Escort 2D LX
180	0.1	2066063	Ford Escort 2D ZX2
6	0.0	2067000	Ford Escort 4D
168	0.1	2067018	Ford Escort 4D SE
251	0.1	2067045	Ford Escort 4D LX
23	0.0	2068018	Ford Escort SW SE
117	0.1	2068045	Ford Escort SW LX
43	0.0	2069000	Ford Probe 2D
22	0.0	2069010	Ford Probe 2D GT
9	0.0	2069044	Ford Probe 2D GL
5	0.0	2069045	Ford Probe 2D LX
9	0.0	2070000	Ford Aspire 4D
12	0.0	2071000	Ford Aspire 2D
1	0.0	2071018	Ford Aspire 2D SE
52	0.0	2072001	Ford Contour 4D LX/SE
68	0.0	2072018	Ford Contour 4D SE
65	0.0	2072044	Ford Contour 4D GL
28	0.0	2072045	Ford Contour 4D LX
17	0.0	2072062	Ford Contour 4D BASE/GL
2	0.0	2072064	Ford Contour 4D SVT
54	0.0	2072066	Ford Contour 4D Base/GL/LX
183	0.1	2073067	Ford Focus 3D ZX3
4	0.0	2073072	Ford Focus 3D ZX3 SVT
246	0.1	2074018	Ford Focus 4D SE
26	0.0	2074034	Ford Focus 4D S
197	0.1	2074045	Ford Focus 4D LX
57	0.0	2074069	Ford Focus 4D ZTS

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
82	0.0	2074071	Ford Focus 4D ZX5 Hatchback
1	0.0	2074074	Ford Focus 4D SEL
454	0.3	2074080	Ford Focus 4D ZX4
7	0.0	2074081	Ford Focus 4D ST
81	0.0	2074087	Ford Focus 4D SE/SEL/SES
90	0.1	2075018	Ford Focus SW SE
25	0.0	2075079	Ford Focus SW ZXW
12	0.0	2076000	Ford Thunderbird Conv
50	0.0	2080018	Ford Five Hundred 4D 2WD SE
33	0.0	2080074	Ford Five Hundred 4D 2WD SEL
8	0.0	2080082	Ford Five Hundred 4D 2WD Limited
1	0.0	2081018	Ford Five Hundred 4D 4WD SE
8	0.0	2081074	Ford Five Hundred 4D 4WD SEL
12	0.0	2081082	Ford Five Hundred 4D 4WD Limited
125	0.1	2082018	Ford Fusion 4D 2WD SE
64	0.0	2082034	Ford Fusion 4D 2WD S
83	0.0	2082074	Ford Fusion 4D 2WD SEL
4	0.0	2083084	Ford Fusion 4D 4WD V6 SE
4	0.0	2083085	Ford Fusion 4D 4WD V6 SEL
81	0.0	2084000	Ford Mustang GT/Cobra 2D
18	0.0	2085000	Ford Mustang GT/Cobra Conv
2	0.0	2087000	Ford Mustang Shelby GT500 Conv
12	0.0	2088074	Ford Taurus 4D 2WD SEL
7	0.0	2088082	Ford Taurus 4D 2WD Limited
3	0.0	2089074	Ford Taurus 4D 4WD SEL
1	0.0	2089082	Ford Taurus 4D 4WD Limited
10	0.0	2090034	Ford Focus 2D S
15	0.0	2090087	Ford Focus 2D SE/SEL/SES
268	0.2	3000000	Pontiac Unknown Series Model
1	0.0	3001025	Pontiac LeMans 4D LE
1	0.0	3001026	Pontiac LeMans 4D SE
1	0.0	3004000	Pontiac Bonneville 2D
3	0.0	3005000	Pontiac Grand Prix 2D
1	0.0	3005010	Pontiac Grand Prix 2D Brougham
1	0.0	3005020	Pontiac Grand Prix 2D LJ
2	0.0	3005025	Pontiac Grand Prix 2D LE
27	0.0	3005026	Pontiac Grand Prix 2D SE
58	0.0	3005033	Pontiac Grand Prix 2D GT
1	0.0	3005042	Pontiac Grand Prix 2D GT/GTP
9	0.0	3005044	Pontiac Grand Prix 2D GTP
64	0.0	3006000	Pontiac Firebird 2D
11	0.0	3006009	Pontiac Firebird 2D Trans Am
1	0.0	3006026	Pontiac Firebird 2D SE
33	0.0	3006043	Pontiac Firebird 2D Formula/Trans Am
1	0.0	3014000	Pontiac Bonneville SW
1	0.0	3015003	Pontiac LeMans 2D LeMans Sport
5	0.0	3016000	Pontiac Grand Am 2D
5	0.0	3016025	Pontiac Grand Am 2D LE
107	0.1	3016026	Pontiac Grand Am 2D SE
90	0.1	3016033	Pontiac Grand Am 2D GT
1	0.0	3017000	Pontiac Grand Am 4D
5	0.0	3017025	Pontiac Grand Am 4D LE

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
465	0.3	3017026	Pontiac Grand Am 4D SE
115	0.1	3017033	Pontiac Grand Am 4D GT
1	0.0	3022000	Pontiac Bonneville 4D
9	0.0	3022025	Pontiac Bonneville 4D LE
158	0.1	3022026	Pontiac Bonneville 4D SE
21	0.0	3022036	Pontiac Bonneville 4D SSE
9	0.0	3022041	Pontiac Bonneville 4D SSEI
10	0.0	3022045	Pontiac Bonneville 4D SLE
1	0.0	3022048	Pontiac Bonneville 4D GXP
1	0.0	3023000	Pontiac Grandville 4D
1	0.0	3030028	Pontiac J2000/2000 2D Sunbird
10	0.0	3030030	Pontiac J2000/2000 2D Sunbird LE
2	0.0	3030031	Pontiac J2000/2000 2D Sunbird SE
8	0.0	3031030	Pontiac J2000/2000 4D Sunbird LE
1	0.0	3031031	Pontiac J2000/2000 4D Sunbird SE
3	0.0	3036000	Pontiac 6000 4D 2WD
3	0.0	3036025	Pontiac 6000 4D 2WD LE
1	0.0	3037030	Pontiac 2000 2D Conv Sunbird LE
1	0.0	3038025	Pontiac 6000 SW LE
2	0.0	3039026	Pontiac Fiero 2D SE
2	0.0	3039032	Pontiac Fiero 2D Sport
2	0.0	3039033	Pontiac Fiero 2D GT
1	0.0	3040000	Pontiac Parisienne 4D
2	0.0	3040010	Pontiac Parisienne 4D Brougham
2	0.0	3041000	Pontiac Parisienne SW
205	0.1	3044000	Pontiac Grand Prix 4D
22	0.0	3044025	Pontiac Grand Prix 4D LE
139	0.1	3044026	Pontiac Grand Prix 4D SE
1	0.0	3044027	Pontiac Grand Prix 4D STE
167	0.1	3044033	Pontiac Grand Prix 4D GT
39	0.0	3044044	Pontiac Grand Prix 4D GTP
38	0.0	3044047	Pontiac Grand Prix 4D GT2
4	0.0	3044048	Pontiac Grand Prix 4D GXP
24	0.0	3045000	Pontiac Trans Sport Van SWB
14	0.0	3046000	Pontiac Trans Sport Cargo Van LWB
2	0.0	3047000	Pontiac Firebird Conv
4	0.0	3047009	Pontiac Firebird Conv Trans Am
98	0.1	3048000	Pontiac Sunfire 2D
155	0.1	3048026	Pontiac Sunfire 2D SE
14	0.0	3048033	Pontiac Sunfire 2D GT
78	0.0	3049026	Pontiac Sunfire 4D SE
4	0.0	3050026	Pontiac Sunfire Conv SE
3	0.0	3050033	Pontiac Sunfire Conv GT
12	0.0	3051000	Pontiac Montana Van SWB 2WD
64	0.0	3052000	Pontiac Montana Van LWB 2WD
21	0.0	3053000	Pontiac Aztek 4D 2WD
7	0.0	3054000	Pontiac Aztek 4D 4WD
2	0.0	3055000	Pontiac Montana Van LWB 4WD
99	0.1	3056000	Pontiac Vibe SW 2WD
7	0.0	3056033	Pontiac Vibe SW 2WD GT
12	0.0	3057046	Pontiac Vibe SW 4WD AWD
29	0.0	3058000	Pontiac GTO 2D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
1	0.0	3061033	Pontiac G8 4D GT
36	0.0	3062000	Pontiac G5 (2007-2008) / Pursuit (2005-2006) 2D
14	0.0	3062026	Pontiac G5 2D SE
3	0.0	3062033	Pontiac G5 2D GT
6	0.0	3062051	Pontiac G5 2D LS
19	0.0	3064000	Pontiac G6 4D
56	0.0	3064026	Pontiac G6 4D SE
71	0.0	3064033	Pontiac G6 4D GT
3	0.0	3064044	Pontiac G6 4D GTP
2	0.0	3064048	Pontiac G6 4D GXP
130	0.1	3064049	Pontiac G6 4D SEI
13	0.0	3065000	Pontiac Soltice Conv
2	0.0	3065048	Pontiac Soltice Conv GXP
8	0.0	3067000	Pontiac Montana SV6 Van LWB 2WD
5	0.0	3068000	Pontiac Montana SV6 Van LWB 4WD
19	0.0	3069000	Pontiac Torrent 4D 2WD
17	0.0	3070000	Pontiac Torrent 4D 4WD
11	0.0	3073033	Pontiac G6 2D GT
4	0.0	3073044	Pontiac G6 2D GTP
19	0.0	3074033	Pontiac G6 Conv GT
1	0.0	3074044	Pontiac G6 Conv GTP
199	0.1	4000000	Buick Unknown Series Model
7	0.0	4001000	Buick Century 4D
409	0.2	4001003	Buick Century 4D Custom
86	0.0	4001006	Buick Century 4D Special
65	0.0	4001014	Buick Century 4D Limited
1	0.0	4002000	Buick LeSabre 2D
3	0.0	4002014	Buick LeSabre 2D Limited
1	0.0	4004014	Buick Electra 2D RWD Limited
52	0.0	4005000	Buick Riviera 2D
3	0.0	4005028	Buick Riviera 2D Luxury
1	0.0	4006003	Buick Century 2D Custom
2	0.0	4009000	Buick Estate Wagon
14	0.0	4009033	Buick Estate Wagon Roadmaster
7	0.0	4010003	Buick Century SW Custom
10	0.0	4010006	Buick Century SW Special
1	0.0	4010011	Buick Century SW Estate
6	0.0	4011000	Buick Skylark 2D
3	0.0	4011003	Buick Skylark 2D Custom
2	0.0	4011013	Buick Skylark 2D Custom/LTD/Gran Sport
40	0.0	4013000	Buick Skylark 4D
15	0.0	4013003	Buick Skylark 4D Custom
8	0.0	4013013	Buick Skylark 4D Custom/LTD/Gran Sport
1	0.0	4013014	Buick Skylark 4D Limited
506	0.3	4014003	Buick LeSabre 4D Custom
199	0.1	4014014	Buick LeSabre 4D Limited
1	0.0	4015020	Buick Electra 4D RWD Park Avenue
3	0.0	4017014	Buick Regal 2D RWD Limited
1	0.0	4023011	Buick LeSabre SW Estate
3	0.0	4024011	Buick Electra SW RWD Estate
1	0.0	4028000	Buick Skyhawk SW
2	0.0	4030000	Buick Electra/Park Avenue 4D

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
93	0.1	4030020	Buick Electra/Park Avenue 4D Park Avenue
16	0.0	4030029	Buick Electra/Park Avenue 4D Park Avenue Ultra
1	0.0	4031003	Buick Somerset 2D Custom
13	0.0	4032003	Buick Regal 2D FWD Custom
8	0.0	4032014	Buick Regal 2D FWD Limited
3	0.0	4032015	Buick Regal 2D FWD Custom/Gran Sport
2	0.0	4033000	Buick Reatta 2D
80	0.0	4035003	Buick Regal 4D FWD Custom
45	0.0	4035004	Buick Regal 4D FWD GS
9	0.0	4035014	Buick Regal 4D FWD Limited
15	0.0	4035031	Buick Regal 4D FWD Gran Sport
108	0.1	4035032	Buick Regal 4D FWD LS
2	0.0	4036000	Buick Reatta Conv
28	0.0	4037000	Buick Roadmaster 4D
28	0.0	4037014	Buick Roadmaster 4D Limited
147	0.1	4038000	Buick Park Avenue 4D
41	0.0	4038030	Buick Park Avenue 4D Ultra
59	0.0	4039000	Buick Rendezvous 4D 2WD
43	0.0	4040000	Buick Rendezvous 4D 4WD
2	0.0	4041000	Buick Rainier 4D 4x2
22	0.0	4042000	Buick Rainier 4D 4x4
55	0.0	4043034	Buick Lacrosse 4D CX
48	0.0	4043035	Buick Lacrosse 4D CXL
13	0.0	4043036	Buick Lacrosse 4D CXS
3	0.0	4045034	Buick Terraza Van LWB 2WD CX
7	0.0	4045035	Buick Terraza Van LWB 2WD CXL
1	0.0	4050034	Buick Allure 4D CX
22	0.0	4051034	Buick Lucerne 4D CX
44	0.0	4051035	Buick Lucerne 4D CXL
12	0.0	4051036	Buick Lucerne 4D CXS
3	0.0	4052034	Buick Enclave 4D 2WD CX
1	0.0	4052035	Buick Enclave 4D 2WD CXL
7	0.0	4053035	Buick Enclave 4D 4WD CXL
39	0.0	5000000	Plymouth Unknown Series Model
2	0.0	5004038	Plymouth Gran Fury 4D Salon
1	0.0	5006036	Plymouth Satellite 4D Custom
3	0.0	5012000	Plymouth Horizon 4D
1	0.0	5018000	Plymouth Volare 4D
1	0.0	5022051	Plymouth Reliant 2D LE
1	0.0	5023000	Plymouth Reliant 4D
3	0.0	5023051	Plymouth Reliant 4D LE
1	0.0	5024043	Plymouth Reliant SW Special Edition
3	0.0	5025000	Plymouth Caravelle 4D
7	0.0	5026000	Plymouth Sundance 2D
5	0.0	5026002	Plymouth Sundance 2D Duster
1	0.0	5026054	Plymouth Sundance 2D America
8	0.0	5027000	Plymouth Sundance 4D
3	0.0	5027002	Plymouth Sundance 4D Duster
30	0.0	5028000	Plymouth Acclaim 4D
3	0.0	5028051	Plymouth Acclaim 4D LE
1	0.0	5028052	Plymouth Acclaim 4D LX
1	0.0	5029053	Plymouth Laser 2D 2WD RS



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
5	0.0	5029055	Plymouth Laser 2D 2WD RS/RS Turbo
47	0.0	5031000	Plymouth Neon 4D
63	0.0	5031004	Plymouth Neon 4D Base/Expresso
80	0.0	5031008	Plymouth Neon 4D Base/LX
6	0.0	5031037	Plymouth Neon 4D Sport
9	0.0	5032000	Plymouth Neon 2D
13	0.0	5032004	Plymouth Neon 2D Base/Expresso
48	0.0	5033000	Plymouth Breeze 4D
57	0.0	5033004	Plymouth Breeze 4D Base/Expresso
169	0.1	6000000	Oldsmobile Unknown Series Model
4	0.0	6001000	Oldsmobile Cutlass 4D
4	0.0	6001003	Oldsmobile Cutlass 4D Cutlass Supreme
2	0.0	6001024	Oldsmobile Cutlass 4D Supreme Brougham
25	0.0	6001056	Oldsmobile Cutlass 4D GL
21	0.0	6001057	Oldsmobile Cutlass 4D GLS
1	0.0	6002008	Oldsmobile Delta-88 2D Royale
2	0.0	6002029	Oldsmobile Delta-88 2D Royale Brougham
1	0.0	6004000	Oldsmobile Toronado
1	0.0	6004020	Oldsmobile Toronado Brougham
3	0.0	6004046	Oldsmobile Toronado Trofeo
12	0.0	6005003	Oldsmobile Cutlass 2D Cutlass Supreme
1	0.0	6005011	Oldsmobile Cutlass 2D Cutlass S
3	0.0	6005024	Oldsmobile Cutlass 2D Supreme Brougham
5	0.0	6008021	Oldsmobile Cutlass SW Cruiser
2	0.0	6008041	Oldsmobile Cutlass SW Ciera SL Brougham
4	0.0	6008050	Oldsmobile Cutlass SW Cruiser SL
9	0.0	6008053	Oldsmobile Cutlass SW Cruiser S
7	0.0	6010000	Oldsmobile Custom Cruiser SW
80	0.0	6014008	Oldsmobile Delta-88 4D Royale
59	0.0	6014016	Oldsmobile Delta-88 4D Base/LS
5	0.0	6014017	Oldsmobile Delta-88 4D LSS
8	0.0	6014018	Oldsmobile Delta-88 4D Regency
10	0.0	6014029	Oldsmobile Delta-88 4D Royale Brougham
2	0.0	6014032	Oldsmobile Delta-88 4D LS
16	0.0	6014054	Oldsmobile Delta-88 4D Royale LS
3	0.0	6014059	Oldsmobile Delta-88 4D 50th Anniversary Edition
1	0.0	6015018	Oldsmobile 98 4D RWD Regency
1	0.0	6018035	Oldsmobile Ciera 2D Ciera Brougham
1	0.0	6018041	Oldsmobile Ciera 2D Ciera SL
16	0.0	6019033	Oldsmobile Ciera 4D Ciera
7	0.0	6019034	Oldsmobile Ciera 4D Ciera LS
6	0.0	6019035	Oldsmobile Ciera 4D Ciera Brougham
61	0.0	6019041	Oldsmobile Ciera 4D Ciera SL
107	0.1	6019051	Oldsmobile Ciera 4D Ciera S
13	0.0	6022018	Oldsmobile 98 4D FWD Regency
10	0.0	6022036	Oldsmobile 98 4D FWD Regency Brougham
1	0.0	6022043	Oldsmobile 98 4D FWD Touring
13	0.0	6022052	Oldsmobile 98 4D FWD Regency Elite
3	0.0	6023000	Oldsmobile Calais 2D
2	0.0	6023030	Oldsmobile Calais 2D S
9	0.0	6024000	Oldsmobile Calais 4D
3	0.0	6025003	Oldsmobile Cutlass 2D FWD Cutlass Supreme

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
16	0.0	6025012	Oldsmobile Cutlass 2D Supreme S
12	0.0	6025049	Oldsmobile Cutlass 2D FWD Supreme SL
3	0.0	6026003	Oldsmobile Cutlass 4D FWD Cutlass Supreme
29	0.0	6026012	Oldsmobile Cutlass 4D Supreme S
40	0.0	6026049	Oldsmobile Cutlass 4D FWD Supreme SL
4	0.0	6027003	Oldsmobile Cutlass Conv Cutlass Supreme
5	0.0	6028000	Oldsmobile Silhouette Van SWD 2WD
54	0.0	6029000	Oldsmobile Bravada 4D 4x4
7	0.0	6030030	Oldsmobile Achieva 2D S
3	0.0	6030055	Oldsmobile Achieva 2D SC
14	0.0	6031030	Oldsmobile Achieva 4D S
25	0.0	6031047	Oldsmobile Achieva 4D SL
44	0.0	6032000	Oldsmobile Aurora 4D
18	0.0	6032061	Oldsmobile Aurora 4D 3.5L
12	0.0	6032062	Oldsmobile Aurora 4D 4.0L
67	0.0	6033000	Oldsmobile Silhouette Van LWB 2WD
8	0.0	6034000	Oldsmobile Intrigue 4D
57	0.0	6034056	Oldsmobile Intrigue 4D GL
15	0.0	6034057	Oldsmobile Intrigue 4D GLS
42	0.0	6034058	Oldsmobile Intrigue 4D GX
22	0.0	6035056	Oldsmobile Alero 2D GL
10	0.0	6035057	Oldsmobile Alero 2D GLS
4	0.0	6035058	Oldsmobile Alero 2D GX
165	0.1	6036056	Oldsmobile Alero 4D GL
22	0.0	6036057	Oldsmobile Alero 4D GLS
27	0.0	6036058	Oldsmobile Alero 4D GX
199	0.1	7000000	Dodge Unknown Series Model
1	0.0	7005012	Dodge Challenger 2D R/T
1	0.0	7020012	Dodge Charger 2D R/T
1	0.0	7022017	Dodge Diplomat 4D SE
3	0.0	7022030	Dodge Diplomat 4D Salon
2	0.0	7032000	Dodge Aries 4D
5	0.0	7032046	Dodge Aries 4D LE
2	0.0	7041000	Dodge Daytona 2D
7	0.0	7043000	Dodge Shadow 2D
2	0.0	7043044	Dodge Shadow 2D ES
1	0.0	7043050	Dodge Shadow 2D America
22	0.0	7044000	Dodge Shadow 4D
3	0.0	7044044	Dodge Shadow 4D ES
4	0.0	7044050	Dodge Shadow 4D America
22	0.0	7045000	Dodge Dynasty 4D
22	0.0	7045046	Dodge Dynasty 4D LE
38	0.0	7046000	Dodge Spirit 4D
4	0.0	7046044	Dodge Spirit 4D ES
1	0.0	7046046	Dodge Spirit 4D LE
4	0.0	7047000	Dodge Shadow Conv
1	0.0	7047044	Dodge Shadow Conv ES
1	0.0	7048051	Dodge Viper Conv RT/10
2	0.0	7048057	Dodge Viper Conv SRT-10
147	0.1	7049000	Dodge Intrepid 4D
5	0.0	7049012	Dodge Intrepid 4D R/T
169	0.1	7049017	Dodge Intrepid 4D SE

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
103	0.1	7049044	Dodge Intrepid 4D ES
26	0.0	7049056	Dodge Intrepid 4D ES/SXT
144	0.1	7050000	Dodge Neon 4D
4	0.0	7050012	Dodge Neon 4D R/T
52	0.0	7050017	Dodge Neon 4D SE
118	0.1	7050018	Dodge Neon 4D Base/ES
10	0.0	7050033	Dodge Neon 4D Sport
88	0.1	7050052	Dodge Neon 4D Base/Sport/RT
94	0.1	7050053	Dodge Neon 4D SE/ES/RT
1	0.0	7050054	Dodge Neon 4D ACR
50	0.0	7050056	Dodge Neon 4D ES/SXT
238	0.1	7050060	Dodge Neon 4D SXT
7	0.0	7051000	Dodge Neon 2D
3	0.0	7051033	Dodge Neon 2D Sport
35	0.0	7051052	Dodge Neon 2D Base/Sport/RT
113	0.1	7052000	Dodge Stratus 4D
4	0.0	7052012	Dodge Stratus 4D R/T
187	0.1	7052017	Dodge Stratus 4D SE
74	0.0	7052044	Dodge Stratus 4D ES
24	0.0	7052055	Dodge Stratus 4D SE Plus/SXT
100	0.1	7052058	Dodge Stratus 4D Base/SXT
10	0.0	7052059	Dodge Stratus 4D SE/SXT
22	0.0	7052060	Dodge Stratus 4D SXT
91	0.1	7052062	Dodge Stratus 4D SE Special/SXT
2	0.0	7053000	Dodge Avenger 2D
14	0.0	7053018	Dodge Avenger 2D Base/ES
24	0.0	7053044	Dodge Avenger 2D ES
1	0.0	7054007	Dodge Viper 2D GTS
28	0.0	7055012	Dodge Stratus 2D RT
19	0.0	7055017	Dodge Stratus 2D SE
20	0.0	7055060	Dodge Stratus 2D SXT
22	0.0	7056000	Dodge SRT-4 4D
142	0.1	7057059	Dodge Magnum SW 2WD SE/SXT
1	0.0	7057060	Dodge Magnum SW 2WD SXT
5	0.0	7058060	Dodge Magnum SW 4WD SXT
5	0.0	7059017	Dodge Charger 4D 2WD SE
297	0.2	7059059	Dodge Charger 4D SE/SXT
5	0.0	7059060	Dodge Charger 4D 2WD SXT
11	0.0	7060012	Dodge Caliber SW 2WD RT
51	0.0	7060017	Dodge Caliber SW 2WD SE
129	0.1	7060060	Dodge Caliber SW 2WD SXT
12	0.0	7061012	Dodge Caliber SW 4WD R/T
27	0.0	7062012	Dodge Magnum Hemi SW 2WD R/T
3	0.0	7063012	Dodge Magnum Hemi SW 4WD R/T
44	0.0	7064012	Dodge Charger Hemi 4D R/T
10	0.0	7064061	Dodge Charger Hemi 4E SRT-8
3	0.0	7066012	Dodge Charger Hemi 4D 4WD R/T
4	0.0	7067012	Dodge Avenger 4D 2WD R/T
122	0.1	7067017	Dodge Avenger 4D 2WD SE
35	0.0	7067060	Dodge Avenger 4D 2WD SXT
1	0.0	7068012	Dodge Avenger 4D 4WD R/T
2	0.0	7069000	Dodge Caliber SRT-4 SW 2WD

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
192	0.1	8000000	Volkswagen Unknown Series Model
1	0.0	8001002	Volkswagen Karmann Ghia 1500
6	0.0	8002002	Volkswagen Beetle 1500
3	0.0	8002003	Volkswagen Beetle Super Beetle
1	0.0	8005004	Volkswagen 411/412 2D/4D Fastback
1	0.0	8006008	Volkswagen Commercial Clipper
1	0.0	8006010	Volkswagen Commercial Kombi/Campmobile
1	0.0	8011000	Volkswagen Rabbit Conv
1	0.0	8012030	Volkswagen Vanagon GL/Carat
1	0.0	8013000	Volkswagen Jetta Sedan
113	0.1	8013025	Volkswagen Jetta Sedan GL
5	0.0	8013027	Volkswagen Jetta Sedan GLI
3	0.0	8013030	Volkswagen Jetta Sedan GL/Carat
241	0.1	8013036	Volkswagen Jetta Sedan GLS
24	0.0	8013037	Volkswagen Jetta Sedan GLX
11	0.0	8013046	Volkswagen Jetta Sedan Wolfsburg Edition
12	0.0	8013054	Volkswagen Jetta Sedan GL TDI
43	0.0	8013055	Volkswagen Jetta Sedan GLS TDI
91	0.1	8013057	Volkswagen Jetta Sedan GLS 1.8T
7	0.0	8013062	Volkswagen Jetta Sedan GLS 2.8
1	0.0	8013073	Volkswagen Jetta Sedan GL 1.8T
10	0.0	8013085	Volkswagen Jetta Sedan GLI VR6
1	0.0	8015020	Volkswagen Rabbit 2D L
1	0.0	8015026	Volkswagen Rabbit 2D GTI
1	0.0	8016024	Volkswagen Rabbit Pickup 2WD LX
13	0.0	8020025	Volkswagen Golf 2D GL
2	0.0	8020054	Volkswagen Golf 2D GL TDI
6	0.0	8020056	Volkswagen Golf 2D GTI GLX
2	0.0	8020059	Volkswagen Golf 2D GTI GLS
8	0.0	8020061	Volkswagen Golf 2D GTI GLS 1.8T
42	0.0	8020066	Volkswagen Golf 2D GTI 1.8T
9	0.0	8020071	Volkswagen Golf 2D GTI VR6
3	0.0	8020075	Volkswagen Golf 2D GTI 1.8T 20th Anniversary Edition
12	0.0	8021025	Volkswagen Golf 4D GL
45	0.0	8021036	Volkswagen Golf 4D GLS
2	0.0	8021054	Volkswagen Golf 4D GL TDI
11	0.0	8021055	Volkswagen Golf 4D GLS TDI
4	0.0	8021057	Volkswagen Golf 4D GLS 1.8T
10	0.0	8022000	Volkswagen GTI 2D
3	0.0	8022031	Volkswagen GTI 2D 8V
3	0.0	8022040	Volkswagen GTI 2D VR6
2	0.0	8023000	Volkswagen Cabriolet Conv
1	0.0	8023033	Volkswagen Cabriolet Conv Etienne Aigner
1	0.0	8023038	Volkswagen Cabriolet Conv Classic
1	0.0	8024017	Volkswagen Vanagon Camper Kombi
1	0.0	8024018	Volkswagen Vanagon Camper Camper
2	0.0	8026000	Volkswagen Fox 2D
1	0.0	8029000	Volkswagen Corrado 2D
3	0.0	8029034	Volkswagen Corrado 2D SLC
15	0.0	8030025	Volkswagen Passat 4D 2WD GL
155	0.1	8030036	Volkswagen Passat 4D 2WD GLS
18	0.0	8030037	Volkswagen Passat 4D 2WD GLX

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
2	0.0	8030044	Volkswagen Passat 4D 2WD TDI
35	0.0	8030051	Volkswagen Passat 4D 2WD GLS V6
1	0.0	8030054	Volkswagen Passat 4D 2WD GL TDI
10	0.0	8030055	Volkswagen Passat 4D 2WD GLS TDI
45	0.0	8030060	Volkswagen Passat 4D 2WD GLX V6
33	0.0	8030091	Volkswagen Passat 4D 2WD 2.0T
10	0.0	8030093	Volkswagen Passat 4D 2WD 2.0T Luxury Package
1	0.0	8030094	Volkswagen Passat 4D 2WD 3.6
4	0.0	8030095	Volkswagen Passat 4D 2WD 3.6 Luxury Package
1	0.0	8030096	Volkswagen Passat 4D 2WD 3.6 Sport Package
1	0.0	8030102	Volkswagen Passat 4D 2WD 2.0T Sport Package
5	0.0	8030108	Volkswagen Passat 4D 2WD 2.0T/Wolfsburg Edition
7	0.0	8030115	Volkswagen Passat 4D 2WD 2.0T Komfort
4	0.0	8031025	Volkswagen Passat SW 2WD GL
28	0.0	8031036	Volkswagen Passat SW 2WD GLS
2	0.0	8031037	Volkswagen Passat SW 2WD GLX
4	0.0	8031051	Volkswagen Passat SW 2WD GLS V6
3	0.0	8031055	Volkswagen Passat SW 2WD GLs TDI
12	0.0	8031060	Volkswagen Passat SW 2WD GLX V6
1	0.0	8031093	Volkswagen Passat SW 2WD 2.0T Luxury Package
2	0.0	8031106	Volkswagen Passat SW 2WD Value/2.0T
1	0.0	8033035	Volkswagen Eurovan CL
3	0.0	8033039	Volkswagen Eurovan MV
1	0.0	8034022	Volkswagen Golf III 2D Sport
29	0.0	8035025	Volkswagen Golf III 4D GL
1	0.0	8035042	Volkswagen Golf III 4D City
2	0.0	8035043	Volkswagen Golf III 4D Celebration Edition
1	0.0	8035045	Volkswagen Golf III 4D Trek
3	0.0	8035046	Volkswagen Golf III 4D Wolfsburg Edition
3	0.0	8035047	Volkswagen Golf III 4D K2
64	0.0	8036025	Volkswagen Jetta III 4D GL
8	0.0	8036029	Volkswagen Jetta III 4D GT
43	0.0	8036036	Volkswagen Jetta III 4D GLS
7	0.0	8036037	Volkswagen Jetta III 4D GLX
1	0.0	8036043	Volkswagen Jetta III 4D Celebration Edition
6	0.0	8036044	Volkswagen Jetta III 4D TDI
9	0.0	8036045	Volkswagen Jetta III 4D Trek
12	0.0	8036046	Volkswagen Jetta III 4D Wolfsburg Edition
2	0.0	8036047	Volkswagen Jetta III 4D K2
4	0.0	8036049	Volkswagen Jetta III 4D Jazz
19	0.0	8037000	Volkswagen Golf Cabrio Conv
7	0.0	8037025	Volkswagen Golf Cabrio Conv GL
18	0.0	8037036	Volkswagen Golf Cabrio Conv GLS
16	0.0	8037037	Volkswagen Golf Cabrio Conv GLX
3	0.0	8037048	Volkswagen Golf Cabrio Conv Highline
2	0.0	8040067	Volkswagen Passat SW 4WD GLS V6 4Motion
6	0.0	8040068	Volkswagen Passat SW 4WD GLX V6 4Motion
1	0.0	8040084	Volkswagen Passat SW 4WD GLS 4motion 1.8T
18	0.0	8041000	Volkswagen New Beetle 2D
1	0.0	8041022	Volkswagen New Beetle 2D Sport
17	0.0	8041025	Volkswagen New Beetle 2D GL
85	0.0	8041036	Volkswagen New Beetle 2D GLS

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
2	0.0	8041044	Volkswagen New Beetle 2D TDI
1	0.0	8041054	Volkswagen New Beetle 2D GL TDI
9	0.0	8041055	Volkswagen New Beetle 2D GLS TDI
13	0.0	8041057	Volkswagen New Beetle 2D GLS 1.8T
17	0.0	8041058	Volkswagen New Beetle 2D GLX 1.8T
2	0.0	8041083	Volkswagen New Beetle 2D Satellite Blue
7	0.0	8041087	Volkswagen New Beetle 2D 2.5
2	0.0	8041110	Volkswagen New Beetle 2D 2.5 S
2	0.0	8042067	Volkswagen Passat 4D 4WD GLS V6 4Motion
21	0.0	8042068	Volkswagen Passat 4D 4WD GLX V6 4Motion
1	0.0	8042089	Volkswagen Passat 4D 4WD 3.6 4motion Luxury Package
1	0.0	8042090	Volkswagen Passat 4D 4WD 3.6 4motion Sport Package
5	0.0	8043025	Volkswagen Jetta SW GL
7	0.0	8043036	Volkswagen Jetta SW GLS
5	0.0	8043054	Volkswagen Jetta SW GL TDI
9	0.0	8043055	Volkswagen Jetta SW GLS TDI
4	0.0	8043057	Volkswagen Jetta SW GLS 1.8T
6	0.0	8044077	Volkswagen Touareg 4D 4WD V6
4	0.0	8044078	Volkswagen Touareg 4D 4WD V8
8	0.0	8044097	Volkswagen Touareg 4D 4WD V6 Sport Suspension
2	0.0	8044099	Volkswagen Touareg 4D 4WD V8 Sport Suspension
3	0.0	8044100	Volkswagen Touareg 4D 4WD V8 Air Suspension
1	0.0	8046023	Volkswagen New Beetle Conv S
1	0.0	8046025	Volkswagen New Beetle Conv GL
10	0.0	8046036	Volkswagen New Beetle Conv GLS
3	0.0	8046057	Volkswagen New Beetle Conv GLS 1.8T
1	0.0	8046058	Volkswagen New Beetle Conv GLX 1.8T
8	0.0	8046087	Volkswagen New Beetle Conv 2.5
9	0.0	8048082	Volkswagen R32 2D 4WD 4Motion
24	0.0	8049044	Volkswagen New Jetta 4D TDI
38	0.0	8049046	Volkswagen New Jetta 4D Wolfsburg Edition
19	0.0	8049086	Volkswagen New Jetta 4D Value Edition 2.5
93	0.1	8049087	Volkswagen New Jetta 4D 2.5
6	0.0	8049091	Volkswagen New Jetta 4D 2.0T
6	0.0	8049092	Volkswagen New Jetta 4D GLI 2.0T
4	0.0	8049105	Volkswagen New Jetta 4D TDI Diesel Edition
15	0.0	8049110	Volkswagen New Jetta 4D 2.5 S
21	0.0	8049113	Volkswagen New Jetta 4D 2.5 SE / 2.5 SEL
31	0.0	8050087	New Rabbit 2D 2.5
19	0.0	8051087	New Rabbit 4D 2.5
18	0.0	8052091	New GTI 2D 2.0T
1	0.0	8052107	New GTI 2D 2.0T/Fahrenheit 2.0T
2	0.0	8053091	EOS Conv 2.0T
1	0.0	8053093	EOS Conv 2.0T Luxury Package
1	0.0	8053102	EOS Conv 2.0T Sport Package
1	0.0	8053104	EOS Conv 3.2 Sport Package
3	0.0	8053130	EOS Conv 2.0T Luxury
8	0.0	8054091	New GTI 4D 2.0T
1	0.0	8055078	Touareg 2 4D 4WD V8
1	0.0	8057112	Routan Van SE
124	0.1	9000000	Mercury Unknown Series Model
2	0.0	9007000	Mercury Cougar 2D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
74	0.0	9007013	Mercury Cougar 2D XR-7
15	0.0	9007015	Mercury Cougar 2D I4
15	0.0	9007031	Mercury Cougar 2D LS
112	0.1	9007047	Mercury Cougar 2D V6
1	0.0	9009036	Mercury Marquis/Grand Marguis SW Colony Park LS
4	0.0	9020021	Mercury Marquis/Grand Marguis 4D Grand Marquis
303	0.2	9020037	Mercury Marquis/Grand Marguis 4D Grand Marquis GS
379	0.2	9020038	Mercury Marquis/Grand Marguis 4D Grand Marquis LS
8	0.0	9020050	Mercury Marquis/Grand Marguis 4D Marauder
3	0.0	9037000	Mercury Zephyr 4D
1	0.0	9044000	Mercury Marquis 4D
1	0.0	9046030	Mercury Topaz 2D GS
9	0.0	9047030	Mercury Topaz 4D GS
2	0.0	9047031	Mercury Topaz 4D LS
164	0.1	9049006	Mercury Sable 4D LS Premium
207	0.1	9049030	Mercury Sable 4D GS
100	0.1	9049031	Mercury Sable 4D LS
29	0.0	9049043	Mercury Sable 4D GS/LS
1	0.0	9049044	Mercury Sable 4D G
12	0.0	9050006	Mercury Sable SW LS Premium
28	0.0	9050030	Mercury Sable SW GS
25	0.0	9050031	Mercury Sable SW LS
33	0.0	9053000	Mercury Tracer 4D
10	0.0	9053030	Mercury Tracer 4D GS
36	0.0	9053031	Mercury Tracer 4D LS
1	0.0	9053033	Mercury Tracer 4D LTS
7	0.0	9054000	Mercury Tracer SW
5	0.0	9054031	Mercury Tracer SW LS
1	0.0	9056030	Mercury Lynx 4D GS
4	0.0	9058000	Mercury Capri Conv
1	0.0	9058041	Mercury Capri Conv XR2
30	0.0	9059000	Mercury Villager Wagon
4	0.0	9059035	Mercury Villager Wagon Sport
95	0.1	9059042	Mercury Villager Wagon GS/LS/Nautica
19	0.0	9059043	Mercury Villager Wagon GS/LS
11	0.0	9059048	Mercury Villager Wagon Estate
29	0.0	9061030	Mercury Mystique 4D GS
28	0.0	9061031	Mercury Mystique 4D LS
11	0.0	9061046	Mercury Mystique 4D Base/GS
7	0.0	9062000	Mercury Mountaineer 4D 4x2
1	0.0	9062051	Mercury Mountaineer 4D 4x2 Luxury
1	0.0	9062053	Mercury Mountaineer 4D 4x2 Convenience
17	0.0	9063000	Mercury Mountaineer 4D 4x4
248	0.1	9063045	Mercury Mountaineer 4D AWD
1	0.0	9063053	Mercury Mountaineer 4D 4x4 Convenience
9	0.0	9063054	Mercury Mountaineer 4D 4x4 Luxury AWD
13	0.0	9063055	Mercury Mountaineer 4D 4x4 Premier AWD
7	0.0	9065000	Mercury Monterey Van
4	0.0	9065051	Mercury Monterey Van Luxury
2	0.0	9065052	Mercury Monterey Van Premier
1	0.0	9065053	Mercury Monterey Van Convenience
14	0.0	9066000	Mercury Mariner 4D 2WD

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
6	0.0	9066015	Mercury Mariner 4D 2WD I4
1	0.0	9066051	Mercury Mariner 4D 2WD Luxury
1	0.0	9066052	Mercury Mariner 4D 2WD Premier
2	0.0	9066053	Mercury Mariner 4D 2WD Convenience
13	0.0	9067000	Mercury Mariner 4D 4WD
1	0.0	9067015	Mercury Mariner 4D 4WD I4
8	0.0	9067052	Mercury Mariner 4D 4WD Premier
14	0.0	9068051	Mercury Montego 4D 2WD Luxury
8	0.0	9068052	Mercury Montego 4D 2WD Premier
1	0.0	9069051	Mercury Montego 4D 4WD Luxury
8	0.0	9069052	Mercury Montego 4D 4WD Premier
5	0.0	9072000	Mercury Mariner Hybrid 4D 4WD
17	0.0	9073000	Mercury Milan 4D 2WD
28	0.0	9073052	Mercury Milan 4D 2WD Premier
1	0.0	9074000	Mercury Milan 4D 4WD
4	0.0	9074052	Mercury Milan 4D 4WD Premier
4	0.0	9075000	Mercury Sable 4D 2WD
3	0.0	9075052	Mercury Sable 4D 2WD Premier
131	0.1	10000000	Cadillac Unknown Series Model
6	0.0	10002000	Cadillac Deville 2D RWD
66	0.0	10003000	Cadillac Brougham/Fltwd Brm/Fltwd 4D
60	0.0	10004000	Cadillac Eldorado 2D
19	0.0	10004008	Cadillac Eldorado 2D Touring
1	0.0	10005000	Cadillac Comm Chassis Cab RWD
116	0.1	10007000	Cadillac Seville 4D
107	0.1	10007008	Cadillac Seville 4D Touring
4	0.0	10009000	Cadillac Deville 4D RWD
1	0.0	10010000	Cadillac Brougham 2D
22	0.0	10013000	Cadillac Deville 2D FWD
553	0.3	10014000	Cadillac Deville 4D FWD
20	0.0	10014007	Cadillac Deville 4D FWD D'Elegance
57	0.0	10014008	Cadillac Deville 4D FWD Touring
40	0.0	10014009	Cadillac Deville 4D FWD Concours
59	0.0	10014010	Cadillac Deville 4D FWD High Luxury
3	0.0	10015000	Cadillac Fleetwood 2D FWD
4	0.0	10016000	Cadillac Fleetwood 4D FWD
3	0.0	10016001	Cadillac Fleetwood 4D FWD Sixty Special
1	0.0	10018000	Cadillac Commercial Chassis Cab FWD
3	0.0	10019000	Cadillac Allante Conv
162	0.1	10023000	Cadillac Escalade 4D 4x4
39	0.0	10024000	Cadillac Catera 4D
2	0.0	10025000	Cadillac Escalade 4D 4x2
29	0.0	10026000	Cadillac Escalade Ext 4D 4x4
162	0.1	10027000	Cadillac CTS 4D 2WD/4WD
13	0.0	10027016	Cadillac CTS 4D 2WD/4WD DI
1	0.0	10028000	Cadillac XLR Roadster Conv
44	0.0	10029000	Cadillac SRX 4D 2WD/4WD
1	0.0	10030000	Cadillac SRX V6 4D 4WD
40	0.0	10031000	Cadillac Escalade ESV 4D 4x4
3	0.0	10032000	Cadillac CTS-V 4D 2WD
26	0.0	10034000	Cadillac STS V6 4D 2WD/4WD
18	0.0	10035000	Cadillac STS V8 4D 2WD/4WD



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
65	0.0	10036000	Cadillac DTS 4D
1	0.0	10037000	Cadillac STS-V 4D 2WD
1	0.0	10038000	Cadillac XLR-V Roadster Conv
2	0.0	10041000	Cadillac CTS 4D 2WD
4	0.0	11000000	AMC/Eagle Unknown Series Model
1	0.0	11005003	AMC/Eagle Javelin SST
1	0.0	11030023	AMC/Eagle Eagle 50 2D Kammback
143	0.1	12000000	Chrysler Unknown Series Model
1	0.0	12007000	Chrysler Cordoba
1	0.0	12008000	Chrysler Newport 4D
7	0.0	12010013	Chrysler New Yorker 4D RWD 5th Ave Edition
2	0.0	12011000	Chrysler Imperial 4D
1	0.0	12011003	Chrysler Imperial 4D Le Baron
3	0.0	12012000	Chrysler Le Baron 2D
13	0.0	12013000	Chrysler Le Baron 4D
1	0.0	12013007	Chrysler Le Baron 4D Salon
1	0.0	12013017	Chrysler Le Baron 4D LE
3	0.0	12013018	Chrysler Le Baron 4D Landau
1	0.0	12013022	Chrysler Le Baron 4D LX
2	0.0	12014001	Chrysler Le Baron SW Town & Country
16	0.0	12015000	Chrysler Le Baron 2D Conv
2	0.0	12015022	Chrysler Le Baron 2D Conv LX
7	0.0	12015025	Chrysler Le Baron 2D Conv GTC
1	0.0	12019014	Chrysler Laser 2D XE
2	0.0	12021021	Chrysler Le Baron 4D (H Body) GTS
1	0.0	12024000	Chrysler New Yorker 4D (C Body)
12	0.0	12024007	Chrysler New Yorker 4D (C Body) Salon
7	0.0	12024018	Chrysler New Yorker 4D (C Body) Landua
13	0.0	12026000	Chrysler New Yorker 5th Ave 4D
1	0.0	12027019	Chrysler Intrepid 4D ES
39	0.0	12028000	Chrysler Concorde 4D
50	0.0	12028022	Chrysler Concorde 4D LX
37	0.0	12028026	Chrysler Concorde 4D LXI
106	0.1	12028029	Chrysler Concorde 4D LX/LXI
12	0.0	12028031	Chrysler Concorde 4D Limited
8	0.0	12029000	Chrysler New Yorker 4D (LH Body)
79	0.0	12030000	Chrysler LHS 4D
24	0.0	12031022	Chrysler Cirrus 4D LX
68	0.0	12031026	Chrysler Cirrus 4D LXI
32	0.0	12031029	Chrysler Cirrus 4D LX/LXI
2	0.0	12032000	Chrysler Sebring 2D
22	0.0	12032022	Chrysler Sebring 2D LX
73	0.0	12032026	Chrysler Sebring 2D LXI
6	0.0	12032031	Chrysler Sebring 2D Limited
28	0.0	12033022	Chrysler Sebring Conv LX
11	0.0	12033025	Chrysler Sebring Conv GTC
51	0.0	12033026	Chrysler Sebring Conv LXI
24	0.0	12033027	Chrysler Sebring Conv JX
85	0.0	12033028	Chrysler Sebring Conv JXI
6	0.0	12033029	Chrysler Sebring Conv LX/LXI
24	0.0	12033031	Chrysler Sebring Conv Limited
12	0.0	12033038	Chrysler Sebring Conv Touring

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
12	0.0	12033040	Chrysler Sebring Conv Base/Touring
150	0.1	12034000	Chrysler 300M 4D
7	0.0	12034012	Chrysler 300M 4D Special
1	0.0	12035000	Chrysler Neon 4D
112	0.1	12036000	Chrysler Sebring 4D 2WD
131	0.1	12036022	Chrysler Sebring 4D 2WD LX
52	0.0	12036026	Chrysler Sebring 4D 2WD LXI
11	0.0	12036031	Chrysler Sebring 4D 2WD Limited
96	0.1	12036038	Chrysler Sebring 4D 2WD Touring
1	0.0	12036041	Chrysler Sebring 4D 2WD TSI
1	0.0	12037000	Chrysler Prowler Conv
12	0.0	12038000	Chrysler Crossfire 2D
1	0.0	12038031	Chrysler Crossfire 2D Limited
92	0.1	12039000	Chrysler 300 4D 2WD
26	0.0	12039022	Chrysler 300 4D 2WD LX
124	0.1	12039038	Chrysler 300 4D 2WD Touring
5	0.0	12040000	Chrysler PT Cruiser Conv
4	0.0	12040034	Chrysler PT Cruiser Conv GT
13	0.0	12040038	Chrysler PT Cruiser Conv Touring
9	0.0	12041000	Chrysler Crossfire Conv
1	0.0	12041031	Chrysler Crossfire Conv Limited
1	0.0	12042031	Chrysler 300 4D 4WD Limited
3	0.0	12042038	Chrysler 300 4D 4WD Touring
69	0.0	12043037	Chrysler 300 4D 2WD C Hemi
12	0.0	12043039	Chrysler 300 Hemi 4D 2WD SRT-8
9	0.0	12044037	Chrysler 300 Hemi 4D 4WD C
1	0.0	12047031	Chrysler Sebring 4D 4WD Limited
77	0.0	13000000	Lincoln Unknown Series Model
1	0.0	13003000	Lincoln Mark IV
52	0.0	13004001	Lincoln Town Car/Continental 4D Town Car
60	0.0	13004002	Lincoln Town Car/Continental 4D Cartier
293	0.2	13004003	Lincoln Town Car/Continental 4D Signature
124	0.1	13004008	Lincoln Town Car/Continental 4D Town Car/Executive
104	0.1	13004009	Lincoln Town Car/Continental 4D Executive
11	0.0	13004013	Lincoln Town Car/Continental 4D Ultimate
15	0.0	13004015	Lincoln Town Car/Continental 4D Executive/Signature
32	0.0	13004016	Lincoln Town Car/Continental 4D Signature Limited
2	0.0	13004018	Lincoln Town Car/Continental 4D Designer Series
2	0.0	13005000	Lincoln Mark V
1	0.0	13007000	Lincoln Mark VI 2D
1	0.0	13008000	Lincoln Mark VI 4D
160	0.1	13009000	Lincoln Continental 4D
6	0.0	13009003	Lincoln Continental 4D Signature
1	0.0	13009004	Lincoln Continental 4D Givenchy
18	0.0	13009009	Lincoln Continental 4D Executive
2	0.0	13010000	Lincoln Mark VII 2D
6	0.0	13010005	Lincoln Mark VII 2D LSC
2	0.0	13010006	Lincoln Mark VII 2D Blass
36	0.0	13011000	Lincoln Mark VIII 2D
9	0.0	13011005	Lincoln Mark VIII 2D LSC
11	0.0	13012000	Lincoln Navigatior 4D 4x2
173	0.1	13013000	Lincoln Navigatior 4D 4x4

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
51	0.0	13014010	Lincoln LS Sedan 4D V6
137	0.1	13014011	Lincoln LS Sedan 4D V8
2	0.0	13015017	Lincoln Town Car LWB 4D Signature L
10	0.0	13015019	Lincoln Town Car LWB 4D Executive L
2	0.0	13015020	Lincoln Town Car LWB 4D Cartier L
1	0.0	13018000	Lincoln Aviator 4D 4x2
19	0.0	13019000	Lincoln Aviator 4D 4x4
42	0.0	13019012	Lincoln Aviator 4D 4x4 AWD
8	0.0	13021000	Lincoln Mark LT Crew C PU 4x4
13	0.0	13022000	Lincoln Zephyr/MKZ 4D
4	0.0	13024000	Lincoln MKX 4D 2WD
8	0.0	13025000	Lincoln MKX 4D 4WD
2	0.0	13027000	Lincoln Navigator L 4D 4x4
10	0.0	13028000	Lincoln MKZ 4D 4WD
121	0.1	14000000	Opel/Isuzu Unknown Series Model
1	0.0	14016000	Opel/Isuzu PU LN 1/2T 4x2
1	0.0	14021000	Opel/Isuzu PU Space C 1/2T 4x2
1	0.0	14022000	Opel/Isuzu PU Space C 1/2T 4x4
8	0.0	14025000	Opel/Isuzu PU SH 1/2T 4x2
2	0.0	14026000	Opel/Isuzu PU SH 1/2T 4x4
16	0.0	14027000	Opel/Isuzu Amigo 2D 4x2
4	0.0	14028000	Opel/Isuzu Amigo 2D 4x4
1	0.0	14029000	Opel/Isuzu Stylus 4D
106	0.1	14031000	Opel/Isuzu Trooper 4D 4x4
151	0.1	14034000	Opel/Isuzu Rodeo 4D 4x2
191	0.1	14035000	Opel/Isuzu Rodeo 4D 4x4
1	0.0	14038005	Opel/Isuzu Oasis Wagon LS
3	0.0	14038011	Opel/Isuzu Oasis Wagon S
2	0.0	14039000	Opel/Isuzu Hombre PU 4x2
4	0.0	14040000	Opel/Isuzu Hombre PU Space C 4x2
1	0.0	14044000	Opel/Isuzu Trooper 4D 4x2
4	0.0	14045000	Opel/Isuzu Rodeo Sport 2D 4x2
1	0.0	14046000	Opel/Isuzu Rodeo Sport 2D 4x4
8	0.0	14047000	Opel/Isuzu Axiom 4D 4x2
10	0.0	14048000	Opel/Isuzu Axiom 4D 4x4
3	0.0	14049000	Opel/Isuzu Ascender Ext 4D 4x2
6	0.0	14050000	Opel/Isuzu Ascender Ext 4D 4x4
4	0.0	14051000	Opel/Isuzu Ascender 4D 4x2
8	0.0	14052000	Opel/Isuzu Ascender 4D 4x4
89	0.1	14055000	Opel/Isuzu Medium Duty 4500 Series
36	0.0	14056000	Opel/Isuzu Medium Duty 5500 Series
1	0.0	14058000	Opel/Isuzu I370 Crew Pickup 4x4
770	0.4	15000000	Datsun/Nissan Unknown Series Model
2	0.0	15001005	Datsun/Nissan 240/260/280/300 2D 280 Z
22	0.0	15001007	Datsun/Nissan 240/260/280/300 2D 300 ZX
1	0.0	15010000	Datsun/Nissan Pickup Short 4x2
10	0.0	15015007	Datsun/Nissan 260/280/300 2+2 2D 300 ZX
31	0.0	15016000	Datsun/Nissan 200 SX 2D
14	0.0	15016013	Datsun/Nissan 200 SX 2D SE-R
63	0.0	15017000	Datsun/Nissan 810/Maxima Sedan
17	0.0	15017010	Datsun/Nissan 810/Maxima Sedan SE
50	0.0	15017011	Datsun/Nissan 810/Maxima Sedan GXE

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
796	0.5	15017023	Datsun/Nissan 810/Maxima Sedan GXE/SE/GLE
370	0.2	15017029	Datsun/Nissan 810/Maxima Sedan SE/SL
4	0.0	15017033	Datsun/Nissan 810/Maxima Sedan 3.5 S/3.5 SV
1	0.0	15031000	Datsun/Nissan King Cab PU 4x2
20	0.0	15034000	Datsun/Nissan Stanza 4D
54	0.0	15035000	Datsun/Nissan Sentra 2D
1	0.0	15035019	Datsun/Nissan Sentra 2D Sport Coupe
1472	0.8	15036000	Datsun/Nissan Sentra 4D
1	0.0	15036009	Datsun/Nissan Sentra 4D XE
6	0.0	15036010	Datsun/Nissan Sentra 4D SE
2	0.0	15037000	Datsun/Nissan Sentra SW
2	0.0	15038009	Datsun/Nissan Pulsar 2D XE
2	0.0	15040000	Datsun/Nissan Stanza SW
10	0.0	15043000	Datsun/Nissan Pathfinder 2D 4x4
54	0.0	15045000	Datsun/Nissan PU Short 4x2
1	0.0	15045010	Datsun/Nissan PU Short 4x2 SE
4	0.0	15046000	Datsun/Nissan PU Short 4x4
1	0.0	15046010	Datsun/Nissan PU Short 4x4 SE
1	0.0	15048000	Datsun/Nissan PU Long 4x4
33	0.0	15049000	Datsun/Nissan PU King C 4x2
2	0.0	15049010	Datsun/Nissan PU King C 4x2 SE
29	0.0	15050000	Datsun/Nissan PU King C 4x4
2	0.0	15050010	Datsun/Nissan PU King C 4x4 SE
1	0.0	15052009	Datsun/Nissan 240 SX 2D XE
14	0.0	15052010	Datsun/Nissan 240 SX 2D SE
15	0.0	15052016	Datsun/Nissan 240 SX 2D Base/SE Coupe
4	0.0	15052017	Datsun/Nissan 240 SX 2D Base/SE/LE Liftback
5	0.0	15052020	Datsun/Nissan 240 SX 2D Base/SE Liftback
2	0.0	15052022	Datsun/Nissan 240 SX 2D Base/SE/LE Coupe
42	0.0	15057000	Datsun/Nissan Pathfinder 4D 4x2
453	0.3	15058000	Datsun/Nissan Pathfinder 4D 4x4
2	0.0	15059015	Datsun/Nissan NX 2D 2000
37	0.0	15062000	Datsun/Nissan Quest Van
8	0.0	15062010	Datsun/Nissan Quest Van SE
10	0.0	15062011	Datsun/Nissan Quest Van GXE
114	0.1	15062021	Datsun/Nissan Quest Van XE/GXE
30	0.0	15062023	Datsun/Nissan Quest Van GXE/SE/GLE
6	0.0	15062026	Datsun/Nissan Quest Van GLE
95	0.1	15062031	Datsun/Nissan Quest Van S/SL/SE
858	0.5	15064000	Datsun/Nissan Altima 4D
1283	0.7	15064027	Datsun/Nissan Altima 4D 2.5
178	0.1	15064028	Datsun/Nissan Altima 4D 3.5
9	0.0	15065000	Datsun/Nissan Frontier PU Short 4x2
2	0.0	15066000	Datsun/Nissan Frontier PU Short 4x4
96	0.1	15067000	Datsun/Nissan Frontier PU King C 4x2
1	0.0	15067025	Datsun/Nissan Frontier PU King C 4x2 S/C
38	0.0	15068000	Datsun/Nissan Frontier PU King C 4x4
3	0.0	15068025	Datsun/Nissan Frontier PU King C 4x4 S/C
94	0.1	15069000	Datsun/Nissan XTerra 4D 4x2
2	0.0	15069025	Datsun/Nissan XTerra 4D 4x2 S/C
279	0.2	15070000	Datsun/Nissan XTerra 4D 4x4
7	0.0	15070025	Datsun/Nissan XTerra 4D 4x4 S/C

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
18	0.0	15071000	Datsun/Nissan Frontier CR PU Short 4x2
2	0.0	15071025	Datsun/Nissan Frontier CR PU Short 4x2 S/C
65	0.0	15072000	Datsun/Nissan Frontier CR PU Short 4x4
16	0.0	15073000	Datsun/Nissan Frontier CR PU Long 4x2
1	0.0	15073025	Datsun/Nissan Frontier CR PU Long 4x2 S/C
18	0.0	15074000	Datsun/Nissan Frontier CR PU Long 4x4
6	0.0	15074025	Datsun/Nissan Frontier CR PU Long 4x4 S/C
99	0.1	15075000	Datsun/Nissan 350Z 2D
22	0.0	15076000	Datsun/Nissan Murano 4D 2WD
137	0.1	15077000	Datsun/Nissan Murano 4D 4WD
20	0.0	15078000	Datsun/Nissan Titan PU King Cab 4x2
48	0.0	15079000	Datsun/Nissan Titan PU King Cab 4x4
19	0.0	15080000	Datsun/Nissan Titan CR PU Short 4x2
64	0.0	15081000	Datsun/Nissan Titan CR PU Short 4x4
18	0.0	15082000	Datsun/Nissan 350Z Roadster Conv
13	0.0	15083000	Datsun/Nissan Pathfinder Armada 4D 4x2
62	0.0	15084000	Datsun/Nissan Pathfinder Armada 4D 4x4
71	0.0	15085030	Datsun/Nissan Versa 4D S/SL
105	0.1	15086030	Datsun/Nissan Versa 5D S/SL
112	0.1	15087000	Datsun/Nissan Sentra SE-R/2.5S/LTD 4D
3	0.0	15087032	Datsun/Nissan Sentra SE-R/2.5S/LTD 4D SPEC V
2	0.0	15088000	Datsun/Nissan Altima Hybrid 4D
34	0.0	15089034	Datsun/Nissan Altima 2D 2.5 S
11	0.0	15089035	Datsun/Nissan Altima 2D 3.5 SE
3	0.0	15090000	Datsun/Nissan Rogue 4D 2WD
27	0.0	15091000	Datsun/Nissan Rogue 4D 4WD
1	0.0	15092000	Datsun/Nissan Titan Pickup King Cab Long 4x2
2	0.0	15093000	Datsun/Nissan Titan Pickup King Cab Long 4x4
1	0.0	15095000	Datsun/Nissan Titan Crew Pickup Long 4x4
1225	0.7	16000000	Toyota Unknown Series Model
52	0.0	16002000	Toyota Land Cruiser 4D 4x4
457	0.3	16003000	Toyota Corolla Sedan 2WD
315	0.2	16003010	Toyota Corolla Sedan 2WD Deluxe
50	0.0	16003013	Toyota Corolla Sedan 2WD LE (Luxury Edition)
602	0.3	16003052	Toyota Corolla Sedan 2WD VE/CE/LE
2150	1.2	16003060	Toyota Corolla Sedan 2WD CE/LE/S
3	0.0	16003069	Toyota Corolla Sedan 2WD XRS
77	0.0	16003093	Toyota Corolla Sedan 2WD STD/S/LE/XLE
59	0.0	16003094	Toyota Corolla Sedan 2WD STD/LE/XLE
28	0.0	16004010	Toyota Corolla SW 2WD Deluxe
1	0.0	16010000	Toyota Celica 2D 2WD
37	0.0	16010014	Toyota Celica 2D 2WD ST
53	0.0	16010015	Toyota Celica 2D 2WD GT
12	0.0	16010017	Toyota Celica GT-S
13	0.0	16010042	Toyota Celica 2D 2WD Liftback
137	0.1	16010054	Toyota Celica 2D 2WD GT Liftback
36	0.0	16010059	Toyota Celica 2D 2WD GTS Liftback
30	0.0	16013000	Toyota Pickup Short 1/2T 4x2
6	0.0	16013010	Toyota Pickup Short 1/2T 4x2 Deluxe
4	0.0	16014010	Toyota Pickup Long 1/2T 4x2 Deluxe
15	0.0	16015000	Toyota Cressida 4D
1	0.0	16015013	Toyota Cressida 4D LE (Luxury Edition)

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
1	0.0	16016013	Toyota Cressida SW LE (Luxury Edition)
3	0.0	16017000	Toyota Pickup Short 1/2T 4x4
30	0.0	16017010	Toyota Pickup Short 1/2T 4x4 Deluxe
1	0.0	16017016	Toyota Pickup Short 1/2T 4x4 SR5 Sport
2	0.0	16018010	Toyota Pickup Long 1/2T 4x4 Deluxe
1	0.0	16019000	Toyota Celica Supra
65	0.0	16020000	Toyota Corolla Tercel 2D
7	0.0	16020010	Toyota Corolla Tercel 2D Deluxe
29	0.0	16020043	Toyota Corolla Tercel 2D CE
57	0.0	16021010	Toyota Corolla Tercel 4D Deluxe
5	0.0	16021043	Toyota Corolla Tercel 4D CE
3	0.0	16023011	Toyota Corolla 2D SR5
1	0.0	16023012	Toyota Corolla 2D Deluxe Sport
4	0.0	16023016	Toyota Corolla 2D SR5 Sport
1	0.0	16023019	Toyota Corolla 2D (Hawaii)
1	0.0	16025011	Toyota Tercel SW 4WD SR5
803	0.5	16026000	Toyota Camry 4D 2WD
177	0.1	16026010	Toyota Camry 4D 2WD Deluxe
534	0.3	16026013	Toyota Camry 4D 2WD LE (Luxury Edition)
106	0.1	16026030	Toyota Camry 4D 2WD XLE
7	0.0	16026031	Toyota Camry 4D 2WD SE
772	0.4	16026050	Toyota Camry 4D 2WD CE/LE/XLE
232	0.1	16026051	Toyota Camry 4D 2WD LE/XLE V6
1265	0.7	16026064	Toyota Camry 4D 2WD LE/XLE/SE
197	0.1	16026065	Toyota Camry 4D 2WD LE/XLE/SE V6
25	0.0	16026075	Toyota Camry 4D 2WD SE V6
549	0.3	16026087	Toyota Camry 4D 2WD CE/LE/XLE/SE
1	0.0	16027010	Toyota Tercel SW 2WD Deluxe
1	0.0	16028010	Toyota Van 4x2 Deluxe
1	0.0	16028013	Toyota Van 4x2 LE (Luxury Edition)
25	0.0	16029010	Toyota PU Xtra Cab 1/2T 4x2 Deluxe
4	0.0	16029016	Toyota PU Xtra Cab 1/2T 4x2 SR5 Sport
41	0.0	16030010	Toyota PU Extra Cab 1/2T 4x4 Deluxe
9	0.0	16030016	Toyota PU Extra Cab 1/2T 4x4 SR5 Sport
1	0.0	16030023	Toyota PU Extra Cab 1/2T 4x4 Sr5 Turbo
1	0.0	16031000	Toyota Cargo Van 4x2
2	0.0	16032000	Toyota 4Runner Truck 4x4
18	0.0	16034015	Toyota Celica Conv GT
13	0.0	16035000	Toyota MR2
1	0.0	16035022	Toyota MR2 T-Bar
5	0.0	16035024	Toyota MR2 Turbo
1	0.0	16035028	Toyota MR2 Supercharged
2	0.0	16036016	Toyota 4Runner 2D 4x4 SR5 Sport
1	0.0	16037000	Toyota Supra 2D
1	0.0	16037021	Toyota Supra 2D With Sport Roof
5	0.0	16037024	Toyota Supra 2D Turbo
3	0.0	16037029	Toyota Supra 2D With Sport Roof, Turbo
7	0.0	16038000	Toyota Camry SW
13	0.0	16038010	Toyota Camry SW Deluxe
35	0.0	16038013	Toyota Camry SW LE (Luxury Edition)
1	0.0	16039000	Toyota Corolla FX 2D
1	0.0	16041020	Toyota Cargo Van 4x4 Panel Van

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
1	0.0	16042010	Toyota PU Extra Cab Long 1/2T 4x2 Deluxe
2	0.0	16045000	Toyota Chassis Cab
1	0.0	16046010	Toyota Corolla SW 4WD Deluxe
2	0.0	16047010	Toyota Corolla 4D 4WD Deluxe
9	0.0	16048000	Toyota 4Runner 4D 4x2
22	0.0	16048039	Toyota 4Runner 4D 4x2 SR5 V6
9	0.0	16048044	Toyota 4Runner 4D 4x2 Limited V6
1	0.0	16048067	Toyota 4Runner 4D 4x2 Limited V8
11	0.0	16048077	Toyota 4Runner 4D 4x2 SR5/Sport Edition V6
2	0.0	16048078	Toyota 4Runner 4D 4x2 SR5/Sport Edition V8
7	0.0	16049000	Toyota 4Runner 4D 4x4
1	0.0	16049011	Toyota 4Runner 4D 4x4 SR5
370	0.2	16049039	Toyota 4Runner 4D 4x4 SR5 V6
140	0.1	16049044	Toyota 4Runner 4D 4x4 Limited V6
27	0.0	16049067	Toyota 4Runner 4D 4x4 Limited V8
214	0.1	16049077	Toyota 4Runner 4D 4x4 SR5/Sport Edition V6
48	0.0	16049078	Toyota 4Runner 4D 4x4 SR5/Sport Edition V8
22	0.0	16050010	Toyota Previa Van 4x2 Deluxe
28	0.0	16050013	Toyota Previa Van 4x2 LE (Luxury Edition)
1	0.0	16050033	Toyota Previa Van 4x2 LE S/C
2	0.0	16050034	Toyota Previa Van 4x2 DX S/C
1	0.0	16051010	Toyota Previa Van 4x4 Deluxe
10	0.0	16051013	Toyota Previa Van 4x4 LE (Luxury Edition)
2	0.0	16051033	Toyota Previa Van 4x4 LE S/C
43	0.0	16052000	Toyota Paseo 2D
6	0.0	16053000	Toyota T100 Pickup 1/2T 4x2
1	0.0	16053010	Toyota T100 Pickup 1/2T 4x2 Deluxe
2	0.0	16053011	Toyota T100 Pickup 1/2T 4x2 SR5
2	0.0	16054010	Toyota T100 Pickup 1/2T 4x4 Deluxe
1	0.0	16054011	Toyota T100 Pickup 1/2T 4x4 SR5
14	0.0	16056000	Toyota Camry 2D
5	0.0	16056010	Toyota Camry 2D Deluxe
22	0.0	16056013	Toyota Camry 2D LE (Luxury Edition)
2	0.0	16056031	Toyota Camry 2D SE
15	0.0	16057035	Toyota Avalon 4D XL
20	0.0	16057036	Toyota Avalon 4D XLS
466	0.3	16057063	Toyota Avalon 4D XL/XLS
167	0.1	16057089	Toyota Avalon 4D XL/XLS/Touring/Limited
3	0.0	16057096	Toyota Avalon 4D XL/XLS/Limited
2	0.0	16058000	Toyota T100 PU Extra Cab 1/2T 4x2
2	0.0	16058011	Toyota T100 PU Extra Cab 1/2T 4x2 SR5
1	0.0	16059000	Toyota T100 PU Extra Cab 1/2T 4x4
1	0.0	16059010	Toyota T100 PU Extra Cab 1/2T 4x4 Deluxe
7	0.0	16059011	Toyota T100 PU Extra Cab 1/2T 4x4 SR5
101	0.1	16060000	Toyota Tacoma PU 4x2
13	0.0	16060048	Toyota Tacoma PU 4x2 Prerunner
84	0.0	16061000	Toyota Tacoma PU Extra Cab 4x2
19	0.0	16061048	Toyota Tacoma PU Extra Cab 4x2 Prerunner
30	0.0	16061055	Toyota Tacoma PU Extra Cab 4x2 Prerunner V6
8	0.0	16061082	Toyota Tacoma PU Extra Cab 4x2 X-runner V6
58	0.0	16062000	Toyota Tacoma PU 4x4
132	0.1	16063000	Toyota Tacoma PU Extra Cab 4x4

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
94	0.1	16063038	Toyota Tacoma PU Extra Cab 4x4 V6
4	0.0	16063039	Toyota Tacoma PU Extra Cab 4x4 SR5 V6
2	0.0	16063044	Toyota Tacoma PU Extra Cab 4x4 Limited V6
3	0.0	16064000	Toyota Rav4 2D 2WD
100	0.1	16065000	Toyota Rav4 4D 2WD
4	0.0	16065038	Toyota Rav4 4D 2WD V6
1	0.0	16065044	Toyota Rav4 4D 2WD Limited V6
38	0.0	16065083	Toyota Rav4 4D 2WD 4 Cylinder
8	0.0	16065084	Toyota Rav4 4D 2WD Sport 4 Cylinder
1	0.0	16065085	Toyota Rav4 4D 2WD Sport V6
6	0.0	16065086	Toyota Rav4 4D 2WD Limited 4 Cylinder
286	0.2	16067000	Toyota Rav4 4D 4WD
12	0.0	16067038	Toyota Rav4 4D 4WD V6
22	0.0	16067044	Toyota Rav4 4D 4WD Limited V6
74	0.0	16067083	Toyota Rav4 4D 4WD 4 Cylinder
23	0.0	16067084	Toyota Rav4 4D 4WD Sport 4 Cylinder
13	0.0	16067085	Toyota Rav4 4D 4WD Sport V6
21	0.0	16067086	Toyota Rav4 4D 4WD Limited 4 Cylinder
2	0.0	16068000	Toyota Paseo Conv
2	0.0	16069045	Toyota Sienna Van 2WD CE 4D
1	0.0	16069046	Toyota Sienna Van 2WD LE 4D
259	0.1	16069047	Toyota Sienna Van 2WD LE/XLE 5D
48	0.0	16069056	Toyota Sienna Van 2WD CE 5D
323	0.2	16069071	Toyota Sienna Van 2WD CE/LE 5D
90	0.1	16069072	Toyota Sienna Van 2WD XLE/LTD 5D
111	0.1	16071031	Toyota Camry Solara 2D SE
179	0.1	16071049	Toyota Camry Solara 2D SE/SLE V6
76	0.0	16071074	Toyota Camry Solara 2D SE/SLE
6	0.0	16071088	Toyota Camry Solara 2D SE/SLE/SPORT
4	0.0	16071091	Toyota Camry Solara 2D SE/SLE/SPORT V6
10	0.0	16072038	Toyota Tundra PU 4x2 V6
2	0.0	16072079	Toyota Tundra PU 4x2 V8
21	0.0	16073039	Toyota Tundra PU AC Cab 4x2 SR5 V6
27	0.0	16073066	Toyota Tundra PU AC Cab 4x2 SR5 V8
1	0.0	16073067	Toyota Tundra PU AC Cab 4x2 Limited V8
6	0.0	16074066	TOYOTA Tundra PU 4x4 SR5 V8
7	0.0	16074079	TOYOTA Tundra PU 4x4 V8
8	0.0	16075039	Toyota Tundra PU AC Cab 4x4 SR5 V6
72	0.0	16075066	Toyota Tundra PU AC Cab 4x4 SR5 V8
26	0.0	16075067	Toyota Tundra PU AC Cab 4x4 Limited V8
54	0.0	16076000	Toyota Echo 2D
107	0.1	16077000	Toyota Echo 4D
13	0.0	16078000	Toyota MR2 Spyder Conv
57	0.0	16079049	Toyota Camry Solara Conv SE/SLE V6
20	0.0	16079091	Toyota Camry Solara Conv SE/SLE/Sport V6
242	0.1	16080000	Toyota Prius Hybrid 4D
9	0.0	16081048	Toyota Tacoma PU DBL Cab 4x2 Prerunner
45	0.0	16081055	Toyota Tacoma PU DBL Cab 4x2 Prerunner V6
105	0.1	16082038	Toyota Tacoma PU DBL Cab 4x4 V6
13	0.0	16083066	Toyota Sequoia 4D 4x2 SR5 V8
1	0.0	16083067	Toyota Sequoia 4D 4x2 Limited V8
107	0.1	16084066	Toyota Sequoia 4D 4x4 SR5 V8



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
85	0.0	16084067	Toyota Sequoia 4D 4x4 Limited V8
50	0.0	16085000	Toyota Highlander 4D 2WD
25	0.0	16085038	Toyota Highlander 4D 2WD V6
2	0.0	16085044	Toyota Highlander 4D 2WD Limited V6
98	0.1	16085068	Toyota Highlander 4D 2WD V6/V6 Limited
5	0.0	16085085	Toyota Highlander 4D 2WD Sport V6
38	0.0	16086000	Toyota Highlander 4D 4WD
38	0.0	16086038	Toyota Highlander 4D 4WD V6
15	0.0	16086044	Toyota Highlander 4D 4WD Limited V6
224	0.1	16086068	Toyota Highlander 4D 4WD V6/V6 Limited
9	0.0	16086085	Toyota Highlander 4D 4WD Sport V6
6	0.0	16087032	Toyota Matrix SW 2WD STD
8	0.0	16087069	Toyota Matrix SW 2WD XRS
229	0.1	16087070	Toyota Matrix SW 2WD STD/XR
2	0.0	16087095	Toyota Matrix SW 2WD S
21	0.0	16088070	Toyota Matrix SW 4WD STD/XR
1	0.0	16088095	Toyota Matrix SW 4WD S
33	0.0	16089072	Toyota Seunna Van 4WD XLE/LTD 5D
13	0.0	16089073	Toyota Seunna Van 4WD LE 5D
1	0.0	16090039	Toyota Tundra PU DBL Cab 4x2 SR5 V6
25	0.0	16090066	Toyota Tundra PU DBL Cab 4x2 SR5 V8
2	0.0	16090067	Toyota Tundra PU DBL Cab 4x2 Limited V8
63	0.0	16091066	Toyota Tundra PU DBL Cab 4x4 SR5 V8
20	0.0	16091067	Toyota Tundra PU DBL Cab 4x4 Limited V8
7	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
45	0.0	16095000	Toyota FJ Cruiser 2D 4X4
5	0.0	16096068	Toyota Highlander Hybrid 4D 2WD V6/V6 Limited
5	0.0	16097038	Toyota Highlander Hybrid 4D 4WD V6
13	0.0	16097044	Toyota Highlander Hybrid 4D 4WD Limited V6
28	0.0	16097068	Toyota Highlander Hybrid 4D 4WD V6/V6 Limited
33	0.0	16098000	Toyota Yaris 3D
29	0.0	16098090	Toyota Yaris 3D Base/S
172	0.1	16099090	Toyota Yaris 4D Base/S
72	0.0	16100000	Toyota Camry Hybrid 4D
2	0.0	16101038	Toyota Tundra PU Long 4x2 V6
1	0.0	16101079	Toyota Tundra PU Long 4x2 V8
2	0.0	16103066	Toyota Tundra PU Double Cab Long 4x2 SR5 V8
5	0.0	16104066	Toyota Tundra PU Double Cab Long 4x4 SR5 V8
6	0.0	16106066	Toyota Tundra PU Crew Max 4x4 SR5 V8
11	0.0	16106067	Toyota Tundra PU Crew Max 4x4 Limited V8
1	0.0	17002000	Capri/Merkur XR4TI 2D
351	0.2	18000000	Mazda Unknown Series Model
5	0.0	18016000	Mazda RX-7 Coupe
1	0.0	18016002	Mazda RX-7 Coupe Turbo
16	0.0	18018000	Mazda 626 Sedan
1	0.0	18018002	Mazda 626 Sedan Turbo
3	0.0	18018004	Mazda 626 Sedan ES
153	0.1	18018008	Mazda 626 Sedan DX/LX
93	0.1	18018010	Mazda 626 Sedan LX-V6/ES-V6
134	0.1	18018013	Mazda 626 Sedan LX/ES
34	0.0	18018015	Mazda 626 Sedan LX

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
64	0.0	18019000	Mazda B Series STD PU 4x2
1	0.0	18020000	Mazda B Series Long PU 4x2
20	0.0	18022005	Mazda 626/MX-6 2D MX-6
1	0.0	18022006	Mazda 626/MX-6 2D MX-6 Turbo
12	0.0	18022007	Mazda 626/MX-6 2D MX-6 LS
46	0.0	18025000	Mazda B Series Cab+ PU 4x2
9	0.0	18025021	Mazda B Series Cab+ PU 4x2 2-DOOR
1	0.0	18025022	Mazda B Series Cab+ PU 4x2 4-DOOR
10	0.0	18026000	Mazda 323 2D 2WD
3	0.0	18027000	Mazda 323 4D 2WD
58	0.0	18027009	Mazda 323 4D 2WD Protege
5	0.0	18029000	Mazda B Series STD PU 4x4
18	0.0	18031000	Mazda B Series Cab+ PU 4x4
1	0.0	18031021	Mazda B Series Cab+ PU 4x4 2-DOOR
2	0.0	18031022	Mazda B Series Cab+ PU 4x4 4-DOOR
3	0.0	18032000	Mazda RX-7 Conv
18	0.0	18034000	Mazda 929 4D
145	0.1	18036000	Mazda MPV Van 2WD
15	0.0	18037000	Mazda MPV Van 4WD
89	0.1	18038000	Mazda MX-5 Miata Conv
6	0.0	18038023	Mazda MX-5 Miata Conv Mazdaspeed
5	0.0	18040000	Mazda Navajo 2D 4x4
9	0.0	18041000	Mazda MX-3 Coupe
6	0.0	18041011	Mazda MX-3 Coupe GS
61	0.0	18043000	Mazda Millenia 4D
12	0.0	18043012	Mazda Millenia 4D S
7	0.0	18043014	Mazda Millenia 4D S/Millennium Edition
33	0.0	18043020	Mazda Millenia 4D P
36	0.0	18044004	Mazda Protege 4D ES
222	0.1	18044008	Mazda Protege 4D DX/LX
18	0.0	18044017	Mazda Protege 4D LX 2.0/ES 2.0
3	0.0	18044018	Mazda Protege 4D MP3
94	0.1	18044019	Mazda Protege 4D DX/LX/ES 2.0
4	0.0	18044023	Mazda Protege 4D Mazdaspeed
8	0.0	18045010	Mazda Tribute 4D 2WD LX-V6/ES-V6
7	0.0	18045012	Mazda Tribute 4D 2WD S
5	0.0	18045016	Mazda Tribute 4D 2WD DX
9	0.0	18045024	Mazda Tribute 4D 2WD LX-V6
5	0.0	18045025	Mazda Tribute 4D 2WD ES-V6
9	0.0	18045026	Mazda Tribute 4D 2WD I
40	0.0	18046010	Mazda Tribute 4D 4WD LX-V6/ES-V6
20	0.0	18046012	Mazda Tribute 4D 4WD S
4	0.0	18046016	Mazda Tribute 4D 4WD DX
15	0.0	18046024	Mazda Tribute 4D 4WD LX-V6
11	0.0	18046025	Mazda Tribute 4D 4WD ES-V6
10	0.0	18046026	Mazda Tribute 4D 4WD I
56	0.0	18047000	Mazda Protege 5 SW
91	0.1	18048012	Mazda 6 4D S
183	0.1	18048026	Mazda 6 4D I
47	0.0	18049000	Mazda RX-8 2D
95	0.1	18050012	Mazda 3 4D S
232	0.1	18050026	Mazda 3 4D I

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
79	0.0	18051012	Mazda 3 5D S
9	0.0	18052012	Mazda 6 5D S
26	0.0	18052026	Mazda 6 5D 1
7	0.0	18053012	Mazda 6 SW S
4	0.0	18054023	Mazda 6 4D 4WD MazdaSpeed
34	0.0	18055000	Mazda 5 SW
30	0.0	18056000	Mazda CX-7 4D 2WD/4WD
4	0.0	18057000	Mazda CX-9 4D 2WD
7	0.0	18058000	Mazda CX-9 4D 4WD
11	0.0	18059000	Mazda MazdaSpeed 3 SW
6	0.0	19000000	Fiat/Bertone Unknown Series Model
1	0.0	19004003	Fiat/Bertone 124/Spider Conv Spider
132	0.1	20000000	Volvo Unknown Series Model
1	0.0	20007004	Volvo 240 2D De Luxe (DL)
14	0.0	20008000	Volvo 240 4D
2	0.0	20008004	Volvo 240 4D De Luxe (DL)
19	0.0	20008007	Volvo 240 4D DL/GL
9	0.0	20008012	Volvo 240 4D Base/DL
3	0.0	20008013	Volvo 240 4D Base/GL
9	0.0	20009000	Volvo 240 SW
16	0.0	20009007	Volvo 240 SW DL/GL
2	0.0	20009012	Volvo 240 SW Base/DL
3	0.0	20009015	Volvo 240 SW Base/SE
1	0.0	20013010	Volvo 760/740 4D 760 GLE
8	0.0	20013011	Volvo 760/740 4D 740 GLE
2	0.0	20014011	Volvo 760/740 SW 740 GLE
3	0.0	20015009	Volvo 780 2D Turbo
1	0.0	20016005	Volvo 760 4D Grand Luxe Exec (GLE)
1	0.0	20016017	Volvo 760 4D GLE Turbo
1	0.0	20017009	Volvo 760 SW Turbo
8	0.0	20018000	Volvo 740 4D
9	0.0	20018002	Volvo 740 4D Grand Luxe (GL)
3	0.0	20018005	Volvo 740 4D Grand Luxe Exec (GLE)
1	0.0	20018009	Volvo 740 4D Turbo
9	0.0	20018013	Volvo 740 4D Base/GL
1	0.0	20018014	Volvo 740 4D Turbo/SE Turbo
10	0.0	20019000	Volvo 740 SW
2	0.0	20019005	Volvo 740 SW Grand Luxe Exec (GLE)
4	0.0	20019009	Volvo 740 SW Turbo
2	0.0	20019013	Volvo 740 SW Base/GL
2	0.0	20019017	Volvo 740 SW GLE Turbo
19	0.0	20020000	Volvo 940 4D
9	0.0	20020002	Volvo 940 4D Grand LUXE (GL)
8	0.0	20020009	Volvo 940 4D Turbo
6	0.0	20021000	Volvo 940 SW
4	0.0	20021009	Volvo 940 SW Turbo
1	0.0	20021016	Volvo 940 SW SE Turbo
37	0.0	20022000	Volvo 960/S90 4D
13	0.0	20023000	Volvo 960/V90 SW
23	0.0	20024000	Volvo 850 4D
8	0.0	20024009	Volvo 850 4D Turbo
19	0.0	20024019	Volvo 850 4D GLT

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
55	0.0	20024020	Volvo 850 4D Base/GLT
1	0.0	20024021	Volvo 850 4D T-5R
1	0.0	20024022	Volvo 850 4D R
2	0.0	20024023	Volvo 850 4D T5
8	0.0	20025000	Volvo 850 SW
10	0.0	20025009	Volvo 850 SW Turbo
4	0.0	20025019	Volvo 850 SW GLT
21	0.0	20025020	Volvo 850 SW Base/GLT
58	0.0	20026000	Volvo S70 4D 2WD
10	0.0	20026015	Volvo S70 4D 2WD Base/SE
20	0.0	20026019	Volvo S70 4D 2WD GLT
6	0.0	20026023	Volvo S70 4D 2WD T5
4	0.0	20026028	Volvo S70 4D 2WD GLT/GLT SE
39	0.0	20027000	Volvo V70 SW 2WD
9	0.0	20027015	Volvo V70 SW 2WD Base/SE
3	0.0	20027019	Volvo V70 SW 2WD GLT
5	0.0	20027023	Volvo V70 SW 2WD T5
4	0.0	20027030	Volvo V70 SW 2WD 2.4T
7	0.0	20027038	Volvo V70 SW 2WD 2.5T
67	0.0	20028024	Volvo V70 SW 4WD XC AWD
10	0.0	20028026	Volvo V70 SW 4WD AWD
5	0.0	20028029	Volvo V70 SW 4WD XC AWD/XC AWD SE
8	0.0	20029000	Volvo C70 2D
12	0.0	20030000	Volvo C70 Conv
5	0.0	20030023	Volvo C70 Conv T5
3	0.0	20031026	Volvo S70 4D 4WD AWD
51	0.0	20032000	Volvo S80 4D 2WD
26	0.0	20032027	Volvo S80 4D 2WD T-6
12	0.0	20032038	Volvo S80 4D 2WD 2.5T
1	0.0	20032045	Volvo S80 4D 2WD 3.2
16	0.0	20033000	Volvo S40 4D
51	0.0	20033031	Volvo S40 4D 1.9T
7	0.0	20034000	Volvo V40 SW
5	0.0	20034031	Volvo V40 SW 1.9T
67	0.0	20035000	Volvo S60 4D 2WD
6	0.0	20035023	Volvo S60 4D 2WD T5
17	0.0	20035030	Volvo S60 4D 2WD 2.4T
25	0.0	20035038	Volvo S60 4D 2WD 2.5T
3	0.0	20036026	Volvo S60 4D 4WD AWD
12	0.0	20036039	Volvo S60 4D 4WD 2.5T AWD
2	0.0	20037032	Volvo XC90 4D 2WD 5-Pass
2	0.0	20037046	Volvo XC90 4D 2WD 3.2 5-Pass
7	0.0	20038034	Volvo XC90 4D 4WD AWD 5-Pass
18	0.0	20038035	Volvo XC90 4D 4WD AWD 7-Pass
11	0.0	20038037	Volvo XC90 4D 4WD T-6 AWD 7-Pass
6	0.0	20038043	Volvo XC90 4D 4WD V8 AWD 7-Pass
4	0.0	20038048	Volvo XC90 4D 4WD 3.2 AWD 5-Pass
8	0.0	20038050	Volvo XC90 4D 4WD 3.2 AWD 7-Pass
5	0.0	20039026	Volvo S80 4D 4WD AWD
2	0.0	20039027	Volvo S80 4D 4WD T6
1	0.0	20039044	Volvo S80 4D 4WD V8
8	0.0	20040023	Volvo S40 4D 2WD T5

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
40	0.0	20040041	Volvo S40 4D 2WD 2.4I
3	0.0	20041042	Volvo S40 4D 4WD T5 AWD
3	0.0	20042023	Volvo V50 SW 2WD T5
5	0.0	20042041	Volvo V50 SW 2WD 2.4I
2	0.0	20044026	Volvo S60 R 4D 4WD AWD
1	0.0	20046023	Volvo C30 3D 2WD T5
56	0.0	21000000	Audi Unknown Series Model
1	0.0	21006001	Audi 5000 4D 2WD S
1	0.0	21007001	Audi 4000 4D 2WD S
1	0.0	21009002	Audi Quattro 2D 4WD 4WD
1	0.0	21016002	Audi 80 Quattro 4D 4WD 4WD
1	0.0	21017000	Audi 90 4D 2WD
1	0.0	21017004	Audi 90 4D 2WD CS
1	0.0	21018002	Audi 90 Quattro 4D 4WD 4WD
3	0.0	21019000	Audi 100 4D 2WD
1	0.0	21019001	Audi 100 4D 2WD S
1	0.0	21019004	Audi 100 4D 2WD CS
3	0.0	21027010	Audi S4 Quattro 4D 4.2
9	0.0	21027011	Audi S4 Quattro 4D 2.7T
1	0.0	21028004	Audi 100 Quattro SW 4WD CS
1	0.0	21030000	Audi A6 4D
3	0.0	21030008	Audi A6 4D 2.8
1	0.0	21030012	Audi A6 4D 3.0
3	0.0	21032002	Audi A6 Quattro 4D 4WD
29	0.0	21032008	Audi A6 Quattro 4D 2.8
7	0.0	21032010	Audi A6 Quattro 4D 4.2
20	0.0	21032011	Audi A6 Quattro 4D 2.7T
14	0.0	21032012	Audi A6 Quattro 4D 3.0
6	0.0	21032013	Audi A6 Quattro 4D 2.7T S-Line
6	0.0	21032014	Audi A6 Quattro 4D 3.2
1	0.0	21032019	Audi A6 Quattro 4D 4.2 S-Line
1	0.0	21032021	Audi A6 Quattro 4D 3.2 S-Line
1	0.0	21033002	Audi A6 Quattro SW 4WD 4WD
3	0.0	21036000	Audi A4 4D
17	0.0	21036007	Audi A4 4D 1.8T
4	0.0	21036008	Audi A4 4D 2.8
2	0.0	21036012	Audi A4 4D 3.0
1	0.0	21037002	Audi A4 Quattro 4D 4WD
88	0.1	21037007	Audi A4 Quattro 4D 1.8T
19	0.0	21037008	Audi A4 Quattro 4D 2.8
19	0.0	21037012	Audi A4 Quattro 4D 3.0
6	0.0	21039010	Audi A8 Quattro 4D 4.2
4	0.0	21041007	Audi A4 Avant Quattro SW 1.8T
3	0.0	21041008	Audi A4 Avant Quattro SW 2.8
6	0.0	21042008	Audi A6 Avant Quattro SW 2.8
5	0.0	21042012	Audi A6 Avant Quattro SW 3.0
4	0.0	21043000	Audi TT Coupe 2WD
13	0.0	21044000	Audi TT Coupe Quattro 4WD
3	0.0	21045000	Audi TT Roadster Conv 2WD
3	0.0	21046000	Audi TT Roadster Conv Quattro 4WD
1	0.0	21046014	Audi TT Roadster Conv Quattro 4WD 3.2
13	0.0	21047010	Audi A8L Quattro 4D 4.2

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
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	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
6	0.0	21052012	Audi A4 Cabriolet Conv 2WD 3.0
1	0.0	21052015	Audi A4 Cabriolet Conv 2WD 2.0T
2	0.0	21052017	Audi A4 Cabriolet Conv 2WD 1.8T S-line
7	0.0	21054012	Audi A4 Cabriolet Conv Quattro 4WD 3.0
1	0.0	21054014	Audi A4 Cabriolet Conv Quattro 4WD 3.2
2	0.0	21054015	Audi A4 Cabriolet Conv Quattro 4WD 2.0T
1	0.0	21055010	Audi S4 Cabriolet Conv Quattro 4WD 4.2
3	0.0	21056015	Audi A3 SW 2WD 2.0T
3	0.0	21056023	Audi A3 SW 2WD 2.0T Premium
4	0.0	21058022	Audi Q7 4D 4WD 4.2 Premium
3	0.0	21058025	Audi Q7 4D 4WD 3.6 Premium
6	0.0	21059015	Audi A4 4D 2WD 2.0T
2	0.0	21060014	Audi A4 Quattro 4D 4WD 3.2
41	0.0	21060015	Audi A4 Quattro 4D 4WD 2.0T
2	0.0	21060020	Audi A4 Quattro 4D 4WD 2.0T S-line
1	0.0	21060021	Audi A4 Quattro 4D 4WD 3.2 S-line
1	0.0	21061014	Audi A4 Avant Quattro 4WD 3.2
1	0.0	21061015	Audi A4 Avant Quattro 4WD 2.0T
2	0.0	21062010	Audi S4 Quattro 4D 4WD 4.2
1	0.0	21065010	Audi R8 Quattro 2D 4WD 4.2
1	0.0	21066014	Audi A5 Quattro 2D 4WD 3.2
3	0.0	22000000	Dodge/Mitsubishi Unknown Series Model
2	0.0	22006011	Dodge/Mitsubishi Colt 2D GL
1	0.0	22006012	Dodge/Mitsubishi Colt 2D ES
1	0.0	22007012	Dodge/Mitsubishi Colt 4D ES
1	0.0	22008000	Dodge/Mitsubishi Colt Vista SW 2WD
1	0.0	22011000	Dodge/Mitsubishi Raider
9	0.0	22014000	Dodge/Mitsubishi Stealth 2D 2WD
3	0.0	22014012	Dodge/Mitsubishi Stealth 2D 2WD ES
5	0.0	22014013	Dodge/Mitsubishi Stealth 2D 2WD R/T
936	0.5	23000000	Honda Unknown Series Model
5	0.0	23001009	Honda Civic CVCC/CRX 2D CRX HF
16	0.0	23001015	Honda Civic CVCC/CRX 2D CRX
15	0.0	23001016	Honda Civic CVCC/CRX 2D CRX SI
15	0.0	23002000	Honda Civic CVCC 3D
120	0.1	23002001	Honda Civic CVCC 3D DX
38	0.0	23002010	Honda Civic CVCC 3D SI
5	0.0	23002023	Honda Civic CVCC 3D VX
44	0.0	23002024	Honda Civic CVCC 3D CX
1	0.0	23002029	Honda Civic CVCC 3D SI With ABS
1	0.0	23002030	Honda Civic CVCC 3D DX With ABS
7	0.0	23002061	Honda Civic CVCC 3D SI With Side Airbags
9	0.0	23003000	Honda Civic CVCC SW
3	0.0	23006000	Honda Accord 2D
20	0.0	23006001	Honda Accord 2D DX
167	0.1	23006003	Honda Accord 2D LX
17	0.0	23006004	Honda Accord 2D SE

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
14	0.0	23006011	Honda Accord 2D LXI
378	0.2	23006018	Honda Accord 2D EX
11	0.0	23006027	Honda Accord 2D LX With ABS
11	0.0	23006038	Honda Accord 2D LX-ULEV
63	0.0	23006039	Honda Accord 2D EX-ULEV
12	0.0	23006040	Honda Accord 2D LX-V6
270	0.2	23006041	Honda Accord 2D EX-V6
8	0.0	23006047	Honda Accord 2D EX With NAVI
1	0.0	23006048	Honda Accord 2D LX With Side Airbags
13	0.0	23006054	Honda Accord 2D EX-L
9	0.0	23006057	Honda Accord 2D LX Special Edition
5	0.0	23006058	Honda Accord 2D LX-ULEV Special Edition
2	0.0	23006059	Honda Accord 2D LS Special Edition SAB
11	0.0	23006063	Honda Accord 2D EX-V6 With NAVI
4	0.0	23006073	Honda Accord 2D SE-V6
18	0.0	23006082	Honda Accord 2D EX-L-V6
12	0.0	23008000	Honda Accord 4D
94	0.1	23008001	Honda Accord 4D DX
1398	0.8	23008003	Honda Accord 4D LX
179	0.1	23008004	Honda Accord 4D SE
6	0.0	23008007	Honda Accord 4D Special Edition
21	0.0	23008011	Honda Accord 4D LXI
1289	0.7	23008018	Honda Accord 4D EX
12	0.0	23008026	Honda Accord 4D 10th Anniversary Edition
54	0.0	23008027	Honda Accord 4D LX With ABS
4	0.0	23008030	Honda Accord 4D DX With ABS
9	0.0	23008033	Honda Accord 4D 25th Anniversary Edition
96	0.1	23008034	Honda Accord 4D Value Package
164	0.1	23008038	Honda Accord 4D LX-ULEV
200	0.1	23008039	Honda Accord 4D EX-ULEV
57	0.0	23008040	Honda Accord 4D LX-V6
578	0.3	23008041	Honda Accord 4D EX-V6
43	0.0	23008044	Honda Accord 4D Special Edition-ULEV
11	0.0	23008047	Honda Accord 4D EX With NAVI
21	0.0	23008048	Honda Accord 4D LX With Side Airbags
36	0.0	23008054	Honda Accord 4D EX-L
50	0.0	23008057	Honda Accord 4D LX Special Edition
9	0.0	23008063	Honda Accord 4D EX-V6 With NAVI
19	0.0	23008073	Honda Accord 4D SE-V6
41	0.0	23008074	Honda Accord 4D VP
30	0.0	23008081	Honda Accord 4D LX-P
23	0.0	23008082	Honda Accord 4D EX-L-V6
57	0.0	23009000	Honda Prelude 2D
4	0.0	23009004	Honda Prelude 2D SE
14	0.0	23009006	Honda Prelude 2D S
43	0.0	23009010	Honda Prelude 2D SI
5	0.0	23009019	Honda Prelude 2D SI 4WS
4	0.0	23009020	Honda Prelude 2D SI ALB
2	0.0	23009021	Honda Prelude 2D 2.0 S
8	0.0	23009022	Honda Prelude 2D 2.0 SI
5	0.0	23009025	Honda Prelude 2D VTEC
5	0.0	23009035	Honda Prelude 2D SH

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
1	0.0	23010000	Honda Civic 4D
216	0.1	23010001	Honda Civic 4D DX
1201	0.7	23010003	Honda Civic 4D LX
587	0.3	23010018	Honda Civic 4D EX
11	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
108	0.1	23010037	Honda Civic 4D DX-V
37	0.0	23010048	Honda Civic 4D LX With Side Airbags
1	0.0	23010050	Honda Civic 4D DX With Side Airbags
36	0.0	23010051	Honda Civic 4D EX With Side Airbags
2	0.0	23010052	Honda Civic 4D GX With Side Airbags
9	0.0	23010054	Honda Civic 4D EX-L
76	0.0	23010064	Honda Civic 4D DX-VP
15	0.0	23010065	Honda Civic 4D DX-VP with SAB
1	0.0	23011000	Honda Civic SW 4x4
29	0.0	23012003	Honda Accord SW LX
23	0.0	23012018	Honda Accord SW EX
1	0.0	23012027	Honda Accord SW LX with ABS
14	0.0	23013006	Honda Civic Del Sol Conv S
31	0.0	23013010	Honda Civic Del Sol Conv SI
1	0.0	23013025	Honda Civic Del Sol Conv VTEC
197	0.1	23014001	Honda Civic 2D Coupe DX
207	0.1	23014003	Honda Civic 2D Coupe LX
29	0.0	23014010	Honda Civic 2D Coupe SI
845	0.5	23014018	Honda Civic 2D Coupe EX
23	0.0	23014028	Honda Civic 2D Coupe EX with ABS
38	0.0	23014031	Honda Civic 2D Coupe HX
9	0.0	23014048	Honda Civic 2D Coupe LX with Side Airbags
20	0.0	23014051	Honda Civic 2D Coupe EX with Side Airbags
10	0.0	23014054	Honda Civic 2D Coupe EX-L
37	0.0	23014064	Honda Civic 2D Coupe DX-VP
8	0.0	23014065	Honda Civic 2D Coupe DX-VP with Side Airbags
11	0.0	23015000	Honda Passport 4D 4x2
78	0.0	23016000	Honda Passport 4D 4x4
40	0.0	23017003	Honda Odyssey Wagon LX
10	0.0	23017018	Honda Odyssey Wagon EX
206	0.1	23018003	Honda CR-V 4D 4WD LX
62	0.0	23018004	Honda CR-V 4D 4WD SE
434	0.2	23018018	Honda CR-V 4D 4WD EX
30	0.0	23018027	Honda CR-V 4D 4WD LX with ABS
4	0.0	23018048	Honda CR-V 4D 4WD LX with Side Airbags
64	0.0	23018054	Honda CR-V 4D 4WD EX-L
59	0.0	23020003	Honda CR-V 4D 2WD LX
9	0.0	23020018	Honda CR-V 4D 2WD EX
2	0.0	23020048	Honda CR-V 4D 2WD LX with Side Airbags
2	0.0	23020054	Honda CR-V 4D 2WD EX-L
100	0.1	23022003	Honda Odyssey Minivan LX
261	0.1	23022018	Honda Odyssey Minivan EX
11	0.0	23022047	Honda Odyssey Minivan EX with NAVI
121	0.1	23022054	Honda Odyssey Minivan EXL
163	0.1	23022055	Honda Odyssey Minivan EXL with RES



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
16	0.0	23022056	Honda Odyssey Minivan EXL with NAVI
13	0.0	23022067	Honda Odyssey Minivan EX with RES
25	0.0	23022069	Honda Odyssey Minivan Touring
37	0.0	23023042	Honda S2000 Conv Soft Top
5	0.0	23024000	Honda Insight Hybrid 3D
18	0.0	23025003	Honda Pilot 4D 4WD LX
6	0.0	23025004	Honda Pilot 4D 4WD SE
74	0.0	23025018	Honda Pilot 4D 4WD EX
140	0.1	23025054	Honda Pilot 4D 4WD EX-L
90	0.1	23025055	Honda Pilot 4D 4WD EX-L with RES
64	0.0	23025056	Honda Pilot 4D 4WD EX-L with NAVI
1	0.0	23025069	Honda Pilot 4D 4WD Touring
4	0.0	23025074	Honda Pilot 4D 4WD VP
141	0.1	23026062	Honda Civic Hybrid 4D with Side Airbags
7	0.0	23027003	Honda Element 4D 2WD LX
10	0.0	23027018	Honda Element 4D 2WD EX
4	0.0	23027051	Honda Element 4D 2WD EX with Side Airbags
3	0.0	23027076	Honda Element 4D 2WD EX-P
4	0.0	23027078	Honda Element 4D 2WD SC
1	0.0	23028001	Honda Element 4D 4WD DX
9	0.0	23028003	Honda Element 4D 4WD LX
76	0.0	23028018	Honda Element 4D 4WD EX
16	0.0	23028051	Honda Element 4D 4WD EX with Side Airbags
16	0.0	23028076	Honda Element 4D 4WD EX-P
7	0.0	23030070	Honda Ridgeline Pickup 4D 4WD RT
13	0.0	23030071	Honda Ridgeline Pickup 4D 4WD RTS
40	0.0	23030072	Honda Ridgeline Pickup 4D 4WD RTL
12	0.0	23030077	Honda Ridgeline Pickup 4D 4WD RTX
10	0.0	23031000	Honda Accord Hybrid 4D
6	0.0	23031068	Honda Accord Hybrid 4D NAVI
6	0.0	23032003	Honda Pilot 4D 2WD LX
6	0.0	23032054	Honda Pilot 4D 2WD EX-L
1	0.0	23032055	Honda Pilot 4D 2WD EX-L with RES
11	0.0	23032056	Honda Pilot 4D 2WD EX-L with NAVI
5	0.0	23032074	Honda Pilot 4D 2WD VP
33	0.0	23033000	Honda FIT SW
55	0.0	23033079	Honda FIT SW Sport
1	0.0	23033085	Honda FIT SW Sport with NAVI
31	0.0	23034000	Honda Civic SI 2D
22	0.0	23035000	Honda Civic SI 4D
8	0.0	24000000	Porsche Unknown Series Model
1	0.0	24002000	Porsche 911 Coupe 2WD/4WD
2	0.0	24002001	Porsche 911 Coupe 2WD/4WD Turbo
4	0.0	24002003	Porsche 911 Coupe 2WD/4WD Carrera 4/Carrera 2
1	0.0	24002008	Porsche 911 Coupe 2WD/4WD Turbo/GT2
1	0.0	24006002	Porsche 924 Coupe S
10	0.0	24008000	Porsche 944 Coupe
2	0.0	24008001	Porsche 944 Coupe Turbo
1	0.0	24008002	Porsche 944 Coupe S
1	0.0	24009000	Porsche 911 Targa/Cabriolet
6	0.0	24012003	Porsche 911 Conv 2WD/4WD Carrera 4/Carrera 2
13	0.0	24016000	Porsche Boxter Conv

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
2	0.0	24016002	Porsche Boxter Conv S
5	0.0	24017000	Porsche Cayenne 4D 4WD
1	0.0	24017001	Porsche Cayenne 4D 4WD Turbo
10	0.0	24017002	Porsche Cayenne 4D 4WD S
1	0.0	24019010	Porsche 911 Coupe 2WD/4WD Carrera S / Carrera 4S
1	0.0	24020003	Porsche 911 Conv 2WD/4WD Carrera 4 / Carrera 2
1	0.0	24020010	Porsche 911 Conv 2WD/4WD Carrera S / Carrera 4S
1	0.0	24021000	Porsche Cayman Coupe
4	0.0	24021002	Porsche Cayman Coupe S
1	0.0	25000000	MG Unknown Series Model
116	0.1	26000000	Subaru Unknown Series Model
1	0.0	26019002	Subaru DL/GL SW 2WD DL
1	0.0	26019003	Subaru DL/GL SW 2WD GL
1	0.0	26020003	Subaru GL 4D 4WD GL
1	0.0	26021003	Subaru Hardtop/XT 2D 4WD GL
3	0.0	26028000	Subaru Loyale 4D 2WD
1	0.0	26032000	Subaru Loyale SW 4WD
21	0.0	26033014	Subaru Legacy 4D 2WD L/L+
2	0.0	26033015	Subaru Legacy 4D 2WD LS
2	0.0	26033029	Subaru Legacy 4D 2WD L
7	0.0	26034014	Subaru Legacy SW 2WD L/L+
3	0.0	26034015	Subaru Legacy SW 2WD LS
3	0.0	26035014	Subaru Legacy/Outback 4D 4WD L/L+
6	0.0	26035024	Subaru Legacy/Outback 4D 4WD LS/LSI
5	0.0	26035027	Subaru Legacy/Outback 4D 4WD L+
1	0.0	26035028	Subaru Legacy/Outback 4D 4WD Turbo Sport Sedan
43	0.0	26035029	Subaru Legacy/Outback 4D 4WD L
1	0.0	26035030	Subaru Legacy/Outback 4D 4WD LSI
16	0.0	26035037	Subaru Legacy/Outback 4D 4WD GT
3	0.0	26035038	Subaru Legacy/Outback 4D 4WD Sport Utility Sedan
5	0.0	26035041	Subaru Legacy/Outback 4D 4WD GT Limited
7	0.0	26035042	Subaru Legacy/Outback 4D 4WD Outback Limited
3	0.0	26035045	Subaru Legacy/Outback 4D 4WD Outback H6-3.0
3	0.0	26035051	Subaru Legacy/Outback 4D 4WD L Special Edition
16	0.0	26035057	Subaru Legacy/Outback 4D 4WD 2.5I
13	0.0	26035058	Subaru Legacy/Outback 4D 4WD 2.5I Limited
3	0.0	26035059	Subaru Legacy/Outback 4D 4WD 2.5 GT
10	0.0	26035060	Subaru Legacy/Outback 4D 4WD 2.5 GT Limited
7	0.0	26035070	Subaru Legacy/Outback 4D 4WD 2.5I Limited/Special Edition
2	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
1	0.0	26035096	Subaru Legacy/Outback 4D 4WD 2.5I Special Edition VDC
13	0.0	26036014	Subaru Legacy/Outback SW 4WD L/L+
1	0.0	26036015	Subaru Legacy/Outback SW 4WD LS
1	0.0	26036019	Subaru Legacy/Outback SW 4WD Turbo
9	0.0	26036024	Subaru Legacy/Outback SW 4WD LS/LSI
38	0.0	26036029	Subaru Legacy/Outback SW 4WD L
10	0.0	26036032	Subaru Legacy/Outback SW 4WD Brighton
8	0.0	26036035	Subaru Legacy/Outback SW 4WD L/Outback
122	0.1	26036036	Subaru Legacy/Outback SW 4WD Outback

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
7	0.0	26036037	Subaru Legacy/Outback SW 4WD GT
29	0.0	26036042	Subaru Legacy/Outback SW 4WD Outback Limited
22	0.0	26036044	Subaru Legacy/Outback SW 4WD Outback H6-LL Bean
5	0.0	26036045	Subaru Legacy/Outback SW 4WD Outback H6-3.0
2	0.0	26036051	Subaru Legacy/Outback SW 4WD L Special Edition
43	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
4	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	26036060	Subaru Legacy/Outback SW 4WD 2.5 GT Limited
3	0.0	26036070	Subaru Legacy/Outback SW 4WD 2.5I Limited / Special Edition
1	0.0	26038026	Subaru SVX 2D 4WD LS-L
1	0.0	26038029	Subaru SVX 2D 4WD L
1	0.0	26040000	Subaru Impreza 4D 2WD
11	0.0	26040027	Subaru Impreza 4D 2WD L+
4	0.0	26040029	Subaru Impreza 4D 2WD L
14	0.0	26041017	Subaru Impreza 4D 4WD RS
3	0.0	26041027	Subaru Impreza 4D 4WD L+
11	0.0	26041029	Subaru Impreza 4D 4WD L
1	0.0	26041034	Subaru Impreza 4D 4WD LX
16	0.0	26041057	Subaru Impreza 4D 4WD 2.5I
5	0.0	26041094	Subaru Impreza 4D 4WD 2.5I/VDC Premium Package/NAVI
2	0.0	26042015	Subaru Impreza SW 2WD LS
3	0.0	26042027	Subaru Impreza SW 2WD L+
1	0.0	26043015	Subaru Impreza SW 4WD LS
3	0.0	26043027	Subaru Impreza SW 4WD L+
10	0.0	26043029	Subaru Impreza SW 4WD L
2	0.0	26043034	Subaru Impreza SW 4WD LX
2	0.0	26043035	Subaru Impreza SW 4WD L/Outback
12	0.0	26043036	Subaru Impreza SW 4WD Outback
20	0.0	26043040	Subaru Impreza SW 4WD Outback Sport
3	0.0	26043046	Subaru Impreza SW 4WD TS
14	0.0	26043057	Subaru Impreza SW 4WD 2.5I
2	0.0	26043075	Subaru Impreza SW 4WD Outback Sport Special Edition
3	0.0	26043093	Subaru Impreza SW 4WD Outback Sport VDC
1	0.0	26043094	Subaru Impreza SW 4WD 2.5I/VDC Premium Package/NAVI
2	0.0	26044029	Subaru Impreza 2D 2WD L
3	0.0	26045017	Subaru Impreza 2D 4WD RS
1	0.0	26045029	Subaru Impreza 2D 4WD L
1	0.0	26045032	Subaru Impreza 2D 4WD Brighton
58	0.0	26046029	Subaru Forester 4D 4WD L
51	0.0	26046039	Subaru Forester 4D 4WD S
86	0.0	26046048	Subaru Forester 4D 4WD 2.5 X
37	0.0	26046049	Subaru Forester 4D 4WD 2.5 XS
5	0.0	26046050	Subaru Forester 4D 4WD 2.5 XT Turbo
2	0.0	26046056	Subaru Forester 4D 4WD 2.5 XS LL Bean
4	0.0	26046065	Subaru Forester 4D 4WD 2.5 XT Limited
5	0.0	26046068	Subaru Forester 4D 4WD 2.5 X LL Bean
18	0.0	26046069	Subaru Forester 4D 4WD 2.5 X Premium Package
4	0.0	26046085	Subaru Forester 4D 4WD 2.5 X / 2.5 XT Sports

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
6	0.0	26046097	Subaru Forester 4D 4WD 2.5X VDC
4	0.0	26046098	Subaru Forester 4D 4WD 2.5X Limited VDC
2	0.0	26046099	Subaru Forester 4D 4WD 2.5X VDC/Premium Package
14	0.0	26047000	Subaru Baja 4D 4WD
2	0.0	26047019	Subaru Baja 4D 4WD Turbo
2	0.0	26047055	Subaru Baja 4D 4WD Sport
44	0.0	26048000	Subaru Impreza WRX 4D 4WD
12	0.0	26048047	Subaru Impreza WRX 4D 4WD STI
1	0.0	26048073	Subaru Impreza WRX 4D 4WD Base / Limited
7	0.0	26048076	Subaru Impreza WRX 4D 4WD TR
1	0.0	26048077	Subaru Impreza WRX 4D 4WD STI Limited
1	0.0	26048078	Subaru Impreza WRX 4D 4WD Base / TR / Limited
1	0.0	26048092	Subaru Impreza WRX 4D 4WD VDC Premium Package/NAVI
9	0.0	26049000	Subaru Impreza WRX SW 4WD
2	0.0	26049073	Subaru Impreza WRX SW 4WD Base / Limited
1	0.0	26050058	Subaru Outback 4D 4WD 2.5I Limited
1	0.0	26050062	Subaru Outback 4D 4WD 3.0 R
3	0.0	26051000	Subaru Outback SW 4WD
29	0.0	26051057	Subaru Outback SW 4WD 2.5I
10	0.0	26051058	Subaru Outback SW 4WD 2.5I Limited
5	0.0	26051063	Subaru Outback SW 4WD H6-3.0 R LL Bean
2	0.0	26051064	Subaru Outback SW 4WD H6-3.0 R VDC Limited
8	0.0	26051065	Subaru Outback SW 4WD 2.5 XT Limited
3	0.0	26051071	Subaru Outback SW 4WD 3.0 R LL BEAN
5	0.0	26051087	Subaru Outback SW 4WD 2.5I / LL Bean NAVI
7	0.0	26051088	Subaru Outback SW 4WD 2.5 I Limited / LL Bean NAVI
2	0.0	26051090	Subaru Outback SW 4WD 3.0 R LL Bean / NAVI VDC
1	0.0	26051095	Subaru Outback SW 4WD 2.5I Limited VDC
9	0.0	26052066	Subaru B9 Tribeca 4D 4WD 3.0 H6 5-pass
5	0.0	26052067	Subaru B9 Tribeca 4D 4WD 3.0 H6 7-pass
5	0.0	26052080	Subaru B9 Tribeca 4D 4WD 3.6 H6 Limited 5-pass
2	0.0	26052081	Subaru B9 Tribeca 4D 4WD 3.6 H6 Limited 5-pass NAVI
1	0.0	26052083	Subaru B9 Tribeca 4D 4WD 3.6 H6 Limited 7-pass
1	0.0	26052084	Subaru B9 Tribeca 4D 4WD 3.6 H6 Limited 7-pass NAVI
1	0.0	27000000	Chry/Plym/Mits Unknown Series Model
1	0.0	27005000	Chry/Plym/Mits Colt 2D
1	0.0	27005013	Chry/Plym/Mits Colt 2D GL
1	0.0	27006013	Chry/Plym/Mits Colt 4D GL
2	0.0	27008000	Chry/Plym/Mits Conquest 2D
7	0.0	28000000	GMCA/Passport Unknown Series Model
1	0.0	28016000	GMCA/Passport Parisienne 4D
1	0.0	28016006	GMCA/Passport Parisienne 4D Brougham
512	0.3	29000000	Chevrolet/Geo Truck Unknown Series Model
3	0.0	29001000	Chevrolet/Geo 10/1500 Chassis C 1/2T 4x2/4x4
232	0.1	29002000	Chevrolet/Geo 10/1500 PU 1/2T 4x2/4x4
1	0.0	29002001	Chevrolet/Geo 10/1500 PU 1/2T 4x2/4x4 4-Wheel Drive
56	0.0	29003000	Chevrolet/Geo Suburban 1/2T 4D 4x2/4x4
1	0.0	29003005	Chevrolet/Geo Suburban 1/2T 4D 4x2/4x4 Incomplete
5	0.0	29005000	Chevrolet/Geo 20/2500 Chassis C 3/4T 4x2/4x4
50	0.0	29006000	Chevrolet/Geo 20/2500 PU 3/4T 4x2/4x4
1	0.0	29006001	Chevrolet/Geo 20/2500 PU 3/4T 4x2/4x4 4-Wheel Drive
10	0.0	29007000	Chevrolet/Geo Suburban 3/4T 4D 4x2/4x4

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
1	0.0	29007006	Chevrolet/Geo Suburban 3/4T 4D 4x2/4x4 Truck
6	0.0	29008000	Chevrolet/Geo 30 Chassis Cab 1T 4x2/4x4
2	0.0	29009000	Chevrolet/Geo 30 Pickup 1T 4x2/4x4
176	0.1	29010000	Chevrolet/Geo Chevan/EXP CG 1500 4x2
58	0.0	29010005	Chevrolet/Geo Chevan/EXP CG 1500 4x2 Incomplete
1	0.0	29011000	Chevrolet/Geo Sportvan 1/2T
245	0.1	29012000	Chevrolet/Geo Chevan/EXP CG 2500 4x2
84	0.0	29012005	Chevrolet/Geo Chevan/EXP CG 2500 4x2 Incomplete
6	0.0	29013000	Chevrolet/Geo Sportvan 3/4T
12	0.0	29015000	Chevrolet/Geo Chevyvan 1T
1	0.0	29015005	Chevrolet/Geo Chevyvan 1T Incomplete
1	0.0	29016000	Chevrolet/Geo Sportvan 1T
3	0.0	29016008	Chevrolet/Geo Sportvan 1T Bus
1	0.0	29017000	Chevrolet/Geo LUV Pickup 4x2
453	0.3	29018001	Chevrolet/Geo Suburban 1/2T 4D 4x4 4-Wheel Drive
3	0.0	29018005	Chevrolet/Geo Suburban 1/2T 4D 4x4 Incomplete
2	0.0	29018006	Chevrolet/Geo Suburban 1/2T 4D 4x4 Truck
51	0.0	29019001	Chevrolet/Geo Blazer 1/2T 4x4 4-Wheel Drive
53	0.0	29020001	Chevrolet/Geo Suburban 3/4T 4D 4x4 4-Wheel Drive
1	0.0	29021001	Chevrolet/Geo 10/1500 CC 1/2T 4x4 4-Wheel Drive
98	0.1	29022001	Chevrolet/Geo 10/1500 PU 1/2T 4x4 4-Wheel Drive
3	0.0	29023001	Chevrolet/Geo 20/2500 CC 3/4T 4x4 4-Wheel Drive
54	0.0	29024001	Chevrolet/Geo 20/2500 PU 3/4T 4x4 4-Wheel Drive
6	0.0	29030000	Chevrolet/Geo El Camino 2D
178	0.1	29032001	Chevrolet/Geo Tahoe 4D 4x4 4-Wheel Drive
9	0.0	29032010	Chevrolet/Geo Tahoe 4D 4x4 Z71
12	0.0	29033000	Chevrolet/Geo Tahoe 4D 4x2
3	0.0	29033009	Chevrolet/Geo Tahoe 4D 4x2 Limited
2	0.0	29034000	Chevrolet/Geo Tahoe 2D 4x2
20	0.0	29035000	Chevrolet/Geo Tracker 4D 4x2
1	0.0	29035012	Chevrolet/Geo Tracker 4D 4x2 LT
49	0.0	29036000	Chevrolet/Geo Tracker 4D 4x4
13	0.0	29036011	Chevrolet/Geo Tracker 4D 4x4 ZR2 Sport
10	0.0	29036012	Chevrolet/Geo Tracker 4D 4x4 LT
8	0.0	29037000	Chevrolet/Geo Express Van 1500 4x2
21	0.0	29038008	Chevrolet/Geo Express Van 2500 4x2 Bus
8	0.0	29039008	Chevrolet/Geo Express Van 3500 4x2 Bus
362	0.2	29041000	Chevrolet/Geo S10 Pickup 4x2
29	0.0	29042001	Chevrolet/Geo T10 Pickup 4x4 4-Wheel Drive
46	0.0	29043000	Chevrolet/Geo S10 Blazer 2D 4x2
142	0.1	29044001	Chevrolet/Geo T10 Blazer 2D 4x4 4-Wheel Drive
29	0.0	29045000	Chevrolet/Geo S10 Chassis Cab 4x2
23	0.0	29046007	Chevrolet/Geo Astro Van 4x2 MPV
8	0.0	29047005	Chevrolet/Geo Astro Cargo Van 4x2 Incomplete
13	0.0	29047006	Chevrolet/Geo Astro Cargo Van 4x2 Truck
221	0.1	29048000	Chevrolet/Geo S10 PU Ext Cab 4x2
79	0.0	29049001	Chevrolet/Geo T10 PU Ext Cab 4x4 4-Wheel Drive
3	0.0	29050002	Chevrolet/Geo 30/3500 Crew CC 1T 4x2 Bonus/Crew Cab
20	0.0	29051002	Chevrolet/Geo 30/3500 CR PU 1T 4x2 Bonus/Crew Cab
3	0.0	29052003	Chevrolet/Geo 30/3500 CR CC 1T 4x4 Bonus/Crew Cab 4WD

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
14	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
5	0.0	29056000	Chevrolet/Geo Cutaway/RV Cut Van 1T
66	0.0	29057000	Chevrolet/Geo 1500 PU Ext C 1/2T 4x2
108	0.1	29058001	Chevrolet/Geo 1500 PU Ext C 1/2T 4x4 4-Wheel Drive
18	0.0	29059000	Chevrolet/Geo 2500 PU Ext C 3/4T 4x2
26	0.0	29060001	Chevrolet/Geo 2500 PU Ext C 3/4T 4x4 4-Wheel Drive
9	0.0	29061000	Chevrolet/Geo 3500 PU Ext C 1T 4x2
4	0.0	29062001	Chevrolet/Geo 3500 PU Ext C 1T 4x4 4-Wheel Drive
2	0.0	29063000	Chevrolet/Geo 3500 CC Ext C 1T 4x2
2	0.0	29064001	Chevrolet/Geo 3500 CC Ext C 1T 4x4 4-Wheel Drive
44	0.0	29065000	Chevrolet/Geo 3500 CC 1T 4x2 (C Body)
4	0.0	29066001	Chevrolet/Geo 3500 CC 1T 4x4 (K Body) 4-Wheel Drive
6	0.0	29067000	Chevrolet/Geo 3500 PU 1T 4x2 (C Body)
11	0.0	29068001	Chevrolet/Geo 3500 PU 1T 4x4 (K Body) 4-Wheel Drive
30	0.0	29069000	Chevrolet/Geo Geo Tracker 2D 4x4
1	0.0	29069011	Chevrolet/Geo Geo Tracker 2D 4x4 ZR2 Sport
18	0.0	29070007	Chevrolet/Geo Lumina APV/Van MPV
96	0.1	29074007	Chevrolet/Geo Astro Ext Van 4x2 MPV
25	0.0	29075005	Chevrolet/Geo Astro Ext Cargo Van 4x2 Incomplete
146	0.1	29075006	Chevrolet/Geo Astro Ext Cargo Van 4x2 Truck
34	0.0	29076007	Chevrolet/Geo Astro Ext Van 4x4 MPV
6	0.0	29077005	Chevrolet/Geo Astro Ext Cargo Van 4x4 Incomplete
14	0.0	29077006	Chevrolet/Geo Astro Ext Cargo Van 4x4 Truck
4	0.0	29078008	Chevrolet/Geo Sportvan 1T Ext Bus
1	0.0	29079000	Chevrolet/Geo Chevyvan 1T Ext
538	0.3	29080001	Chevrolet/Geo T10 Blazer 4D 4x4 4-Wheel Drive
2	0.0	29080006	Chevrolet/Geo T10 Blazer 4D 4x4 Truck
53	0.0	29081000	Chevrolet/Geo S10 Blazer 4D 4x2
12	0.0	29082000	Chevrolet/Geo Geo Tracker 2D 4x2
4	0.0	29083000	Chevrolet/Geo 1500 CC Ext C 1/2T 4x2
6	0.0	29084001	Chevrolet/Geo 1500 CC Ext C 1/2T 4x4 4-Wheel Drive
5	0.0	29087000	Chevrolet/Geo P30 RV Chassis
51	0.0	29088008	Chevrolet/Geo Express Van 3500 Ext 4x2 Bus
141	0.1	29089000	Chevrolet/Geo Chevan/Exp CG 3500 4x2
48	0.0	29090000	Chevrolet/Geo Chevan/Exp CG 3500 Ext 4x2
1	0.0	29090005	Chevrolet/Geo Chevan/Exp CG 3500 Ext 4x2 Incomplete
126	0.1	29091000	Chevrolet/Geo Cut/RV Cut V 3500
26	0.0	29093000	Chevrolet/Geo Chevan/Exp CG 2500 Ext 4x2
1	0.0	29093005	Chevrolet/Geo Chevan/Exp CG 2500 Ext 4x2 Incomplete
61	0.0	29094007	Chevrolet/Geo Venture Van SWB 2WD MPV
178	0.1	29095007	Chevrolet/Geo Venture Van LWB 2WD MPV
3	0.0	29096005	Chevrolet/Geo Venture Cargo Van 2WD Incomplete
243	0.1	29097000	Chevrolet/Geo Silverado 1500 PU 4x2
192	0.1	29098000	Chevrolet/Geo Silverado 1500 PU E C 4x2
92	0.1	29099000	Chevrolet/Geo Silverado 1500 PU 4x4
344	0.2	29100000	Chevrolet/Geo Silverado 1500 PU E C 4x4
31	0.0	29105000	Chevrolet/Geo Silverado 2500 PU 4x2
23	0.0	29106000	Chevrolet/Geo Silverado 2500 PU E C 4x2
56	0.0	29107000	Chevrolet/Geo Silverado 2500 PU 4x4
112	0.1	29108000	Chevrolet/Geo Silverado 2500 PU E C 4x4

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
18	0.0	29109000	Chevrolet/Geo Silverado 2500 CC 4x2
2	0.0	29110000	Chevrolet/Geo Silverado 2500 CC E C 4x2
9	0.0	29111000	Chevrolet/Geo Silverado 2500 CC 4x4
2	0.0	29112000	Chevrolet/Geo Silverado 2500 CC E C 4x4
1	0.0	29113003	Chevrolet/Geo Crew Cab PU 3/4T 4x4 Bonus/Crew Cab 4WD
70	0.0	29114000	Chevrolet/Geo Tahoe 4D 4x2
3	0.0	29114015	Chevrolet/Geo Tahoe 4D 4x2 Police
481	0.3	29115000	Chevrolet/Geo Tahoe 4D 4x4
4	0.0	29115015	Chevrolet/Geo Tahoe 4D 4x4 Police
11	0.0	29116000	Chevrolet/Geo Silverado 2500 CR PU 4x2
96	0.1	29117000	Chevrolet/Geo Silverado 2500 CR PU 4x4
2	0.0	29119000	Chevrolet/Geo Silverado 3500 PU E C 4x2
11	0.0	29120000	Chevrolet/Geo Silverado 3500 PU 4x4
6	0.0	29121000	Chevrolet/Geo Silverado 3500 PU E C 4x4
28	0.0	29122000	Chevrolet/Geo Silverado 3500 CC 4x2
1	0.0	29123000	Chevrolet/Geo Silverado 3500 CC E C 4x2
12	0.0	29124000	Chevrolet/Geo Silverado 3500 CC 4x4
1	0.0	29125000	Chevrolet/Geo Silverado 3500 CC E C 4x4
1	0.0	29126000	Chevrolet/Geo Silverado 3500 CR CC 4x2
3	0.0	29127000	Chevrolet/Geo Silverado 3500 CR CC 4x4
8	0.0	29128000	Chevrolet/Geo Silverado 3500 CR PU 4x2
23	0.0	29129000	Chevrolet/Geo Silverado 3500 CR PU 4x4
22	0.0	29131000	Chevrolet/Geo T10 Crew Cab PU 4x4
71	0.0	29132000	Chevrolet/Geo Trailblazer 4D 4x2
543	0.3	29133000	Chevrolet/Geo Trailblazer 4D 4x4
1	0.0	29133012	Chevrolet/Geo Trailblazer 4D 4x4 LT
10	0.0	29134000	Chevrolet/Geo Silverado 1500 CR PU 4x2
69	0.0	29135000	Chevrolet/Geo Silverado 1500 CR PU 4x4
1	0.0	29136000	Chevrolet/Geo Silverado 1500 CR CC 4x2
3	0.0	29138000	Chevrolet/Geo Silverado 2500 CR CC 4x2
18	0.0	29140000	Chevrolet/Geo Avalanche 1500 4D 4x2
134	0.1	29141000	Chevrolet/Geo Avalanche 1500 4D 4x4
5	0.0	29142007	Chevrolet/Geo Venture Van LWB 4WD MPV
1	0.0	29143000	Chevrolet/Geo Avalanche 2500 4D 4x2
7	0.0	29144000	Chevrolet/Geo Avalanche 2500 4D 4x4
16	0.0	29145000	Chevrolet/Geo Trailblazer Ext 4D 4x2
118	0.1	29146000	Chevrolet/Geo Trailblazer Ext 4D 4x4
3	0.0	29147000	Chevrolet/Geo SSR Pickup 4x2
3	0.0	29148000	Chevrolet/Geo Express Van 1500 4x4
2	0.0	29150000	Chevrolet/Geo Tahoe Hybrid 4D 4x4
4	0.0	29151000	Chevrolet/Geo Express Cargo Van 1500 4x4
3	0.0	29152000	Chevrolet/Geo Express Cargo Van 2500 4x4
65	0.0	29154000	Chevrolet/Geo Colorado PU 4x2
1	0.0	29155000	Chevrolet/Geo Colorado CC 4x2
41	0.0	29157000	Chevrolet/Geo Colorado PU E C 4x2
1	0.0	29158012	Chevrolet/Geo Traverse 4D 2WD LT
29	0.0	29160000	Chevrolet/Geo Colorado CR PU 4x2
17	0.0	29162012	Chevrolet/Geo Equinox 4D 2WD/4WD LT
13	0.0	29162014	Chevrolet/Geo Equinox 4D 2WD/4WD LS
2	0.0	29162018	Chevrolet/Geo Equinox 4D 2WD/4WD LTZ
3	0.0	29162019	Chevrolet/Geo Equinox 4D 2WD/4WD Sport

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
35	0.0	29163012	Chevrolet/Geo Equinox 4D 2WD LT
61	0.0	29163014	Chevrolet/Geo Equinox 4D 2WD LS
89	0.1	29164012	Chevrolet/Geo Equinox 4D 4WD LT
49	0.0	29164014	Chevrolet/Geo Equinox 4D 4WD LS
4	0.0	29165000	Chevrolet/Geo Colorado PU 4x4
31	0.0	29166000	Chevrolet/Geo Colorado PU E C 4x4
59	0.0	29167000	Chevrolet/Geo Colorado CR PU 4x4
3	0.0	29169012	Chevrolet/Geo HHR Panel Van LT
5	0.0	29169014	Chevrolet/Geo HHR Panel Van LS
10	0.0	29170000	Chevrolet/Geo Uplander Van LWB 2WD
16	0.0	29170012	Chevrolet/Geo Uplander Van LWB 2WD LT
47	0.0	29170014	Chevrolet/Geo Uplander Van LWB 2WD LS
2	0.0	29171012	Chevrolet/Geo Uplander Van LWB 4WD LT
1	0.0	29172000	Chevrolet/Geo Uplander Van SWB 2WD
1	0.0	29172012	Chevrolet/Geo Uplander Van SWB 2WD LT
18	0.0	29172014	Chevrolet/Geo Uplander Van SWB 2WD LS
5	0.0	29174000	Chevrolet/Geo Uplander CG Van LWB 2WD
5	0.0	29174005	Chevrolet/Geo Uplander CG Van LWB 2WD Incomplete
83	0.0	29176012	Chevrolet/Geo HHR SW 2WD LT
39	0.0	29176014	Chevrolet/Geo HHR SW 2WD LS
3	0.0	29176017	Chevrolet/Geo HHR SW 2WD SS
31	0.0	29177000	Chevrolet/Geo Medium Duty 4500 Series
39	0.0	29178000	Chevrolet/Geo Medium Duty 5500 Series
13	0.0	29179000	Chevrolet/Geo Medium Duty 6500 Series
47	0.0	29180000	Chevrolet/Geo Medium Duty 7500 Series
6	0.0	29181000	Chevrolet/Geo Medium Duty 8500 Series
35	0.0	29182000	Chevrolet/Geo Silverado 1500 4x2
25	0.0	29183000	Chevrolet/Geo Silverado 1500 Extended Cab 4x2
5	0.0	29184000	Chevrolet/Geo Silverado 1500 4x4
33	0.0	29185000	Chevrolet/Geo Silverado 1500 Extended Cab 4x4
4	0.0	29190000	Chevrolet/Geo Silverado 2500 4x2
3	0.0	29191000	Chevrolet/Geo Silverado 2500 Extended Cab 4x2
4	0.0	29192000	Chevrolet/Geo Silverado 2500 4x4
10	0.0	29193000	Chevrolet/Geo Silverado 2500 Extended Cab 4x4
2	0.0	29194000	Chevrolet/Geo Silverado 2500 Chassis Cab 4x2
1	0.0	29198000	Chevrolet/Geo Silverado 2500 Crew 4x2
7	0.0	29199000	Chevrolet/Geo Silverado 2500 Crew 4x4
2	0.0	29202000	Chevrolet/Geo Silverado 3500 4x4
1	0.0	29203000	Chevrolet/Geo Silverado 3500 Extended Cab 4x4
5	0.0	29204000	Chevrolet/Geo Silverado 3500 Chassis Cab 4x2
2	0.0	29206000	Chevrolet/Geo Silverado 3500 Chassis Cab 4x4
2	0.0	29208000	Chevrolet/Geo Silverado 3500 Crew Chassis Cab 4x2
1	0.0	29210000	Chevrolet/Geo Silverado 3500 Crew 4x2
8	0.0	29211000	Chevrolet/Geo Silverado 3500 Crew 4x4
6	0.0	29212000	Chevrolet/Geo Silverado 1500 Crew 4x2
45	0.0	29213000	Chevrolet/Geo Silverado 1500 Crew 4x4
127	0.1	30000000	GMC Unknown Series Model
1	0.0	30001000	GMC 1500 Chassis C 1/2T 4x2/4x4
54	0.0	30002000	GMC 1500 Pickup 1/2T 4x2/4x4
13	0.0	30003000	GMC Suburban 1/2T 4D 4x2/4x4
2	0.0	30005000	GMC 2500 Chassis C 3/4T 4x2/4x4
16	0.0	30006000	GMC 2500 Pickup 3/4T 4x2/4x4



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
4	0.0	30007000	GMC Suburban 3/4T 4D 4x2/4x4
1	0.0	30008000	GMC 3500 Chassis Cab 1T 4x2/4x4
2	0.0	30010000	GMC Vandura 1/2T 4x2
4	0.0	30012000	GMC Vandura 3/4T
15	0.0	30012006	GMC Vandura 3/4T Incomplete
1	0.0	30013000	GMC Rally Van 3/4T
4	0.0	30015000	GMC Vandura 1T
47	0.0	30021001	GMC Suburban 1/2T 4D 4x4 4-Wheel Drive
1	0.0	30021006	GMC Suburban 1/2T 4D 4x4 Incomplete
5	0.0	30022001	GMC Jimmy 1/2T 2D 4x4 4-Wheel Drive
9	0.0	30023001	GMC Suburban 3/4T 4D 4x4 4-Wheel Drive
35	0.0	30026001	GMC 1500 Pickup 1/2T 4x4 4-Wheel Drive
2	0.0	30027001	GMC 2500 Chass 3/4T 4x4 4-Wheel Drive
12	0.0	30028001	GMC 2500 Pickup 3/4T 4x4 4-Wheel Drive
10	0.0	30031001	GMC Yukon 2D 4x4 4-Wheel Drive
73	0.0	30032001	GMC Yukon 4D 4x4 4-Wheel Drive
1	0.0	30033000	GMC Yukon 4D 4x2
2	0.0	30035000	GMC Savana Van 1500 4x2
7	0.0	30036009	GMC Savana Van 2500 4x2 Bus
1	0.0	30037009	GMC Savana Van 3500 4x2 Bus
13	0.0	30038000	GMC Savana Cargo Van 1500 4x2
5	0.0	30038006	GMC Savana Cargo Van 1500 4x2 Incomplete
61	0.0	30039000	GMC Savana Cargo Van 2500 4x2
5	0.0	30040000	GMC Cutaway/RV Cut Van 1T
64	0.0	30041000	GMC S15/Sonoma Pickup 4x2
6	0.0	30042001	GMC T15/Sonoma Pickup 4x4 4-Wheel Drive
5	0.0	30043000	GMC S15 Jimmy 2D 4x2
19	0.0	30044001	GMC T15 Jimmy 2D 4x4 4-Wheel Drive
2	0.0	30046008	GMC Safari Van 4x2 MPV
1	0.0	30047006	GMC Safari Cargo Van 4x2 Incomplete
53	0.0	30048000	GMC S15/Sonoma PU Ext Cab 4x2
21	0.0	30049001	GMC T15/Sonoma PU Ext Cab 4x4 4-Wheel Drive
6	0.0	30051003	GMC 3500 Crew PU 1T 4x2 Crew/Bonus Cab
2	0.0	30052004	GMC 3500 Crew CC 1T 4x4 Crew/Bonus Cab 4WD
6	0.0	30053004	GMC 3500 Crew PU 1T 4x4 Crew/Bonus Cab 4WD
28	0.0	30057000	GMC 1500 PU Ext C 1/2T 4x2
36	0.0	30058001	GMC 1500 PU Ext C 1/2T 4x4 4-Wheel Drive
3	0.0	30059000	GMC 2500 PU Ext C 3/4T 4x2
8	0.0	30060001	GMC 2500 PU Ext C 3/4T 4x4 4-Wheel Drive
1	0.0	30061000	GMC 3500 PU Ext C 1T 4x2
4	0.0	30062001	GMC 3500 PU Ext C 1T 4x4 4-Wheel Drive
18	0.0	30065000	GMC 3500 CC 1T 4x2 (C Body)
2	0.0	30066001	GMC 3500 CC 1T 4x4 (K Body) 4-Wheel Drive
4	0.0	30067000	GMC 3500 PU 1T 4x2 (C Body)
2	0.0	30068001	GMC 3500 PU 1T 4x4 (K Body) 4-Wheel Drive
37	0.0	30071008	GMC Safari Ext Van 4x2 MPV
9	0.0	30072006	GMC Safari Ext Cargo Van 4x2 Incomplete
25	0.0	30072007	GMC Safari Ext Cargo Van 4x2 Truck
9	0.0	30073008	GMC Safari Ext Van 4x4 MPV
2	0.0	30074007	GMC Safari Ext Cargo Van 4x4 Truck
140	0.1	30077001	GMC T15 Jimmy 4D 4x4 4-Wheel Drive
14	0.0	30078000	GMC S15 Jimmy 4D 4x2

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
37	0.0	30086000	GMC Savana Cargo Van 3500 4x2
10	0.0	30087009	GMC Savana Van 3500 Ext 4x2 Bus
10	0.0	30088000	GMC Savana CG V 3500 Ext 4x2
64	0.0	30089000	GMC CUT/RV Cut V 3500
14	0.0	30091000	GMC Savana CG V 2500 Ext 4x2
1	0.0	30091006	GMC Savana CG V 2500 Ext 4x2 Incomplete
55	0.0	30092000	GMC Sierra 1500 PU 4x2
33	0.0	30093000	GMC Sierra 1500 PU E C 4x2
33	0.0	30094000	GMC Sierra 1500 PU 4x4
100	0.1	30095000	GMC Sierra 1500 PU E C 4x4
7	0.0	30100000	GMC Sierra 2500 PU 4x2
6	0.0	30101000	GMC Sierra 2500 PU E C 4x2
10	0.0	30102000	GMC Sierra 2500 PU 4x4
36	0.0	30103000	GMC Sierra 2500 PU E C 4x4
2	0.0	30104000	GMC Sierra 2500 CC 4x2
8	0.0	30108000	GMC Yukon XL 1/2T 4D 4x2
108	0.1	30109000	GMC Yukon XL 1/2T 4D 4x4
1	0.0	30109006	GMC Yukon XL 1/2T 4D 4x4 Incomplete
85	0.0	30109012	GMC Yukon XL 1/2T 4D 4x4 Denali
1	0.0	30109014	GMC Yukon XL 1/2T 4D 4x4 SLT
9	0.0	30111000	GMC Yukon XL 3/4T 4D 4x4
1	0.0	30111007	GMC Yukon XL 3/4T 4D 4x4 Truck
8	0.0	30112000	GMC Yukon 4D 4x2
136	0.1	30113000	GMC Yukon 4D 4x4
85	0.0	30113012	GMC Yukon 4D 4x4 Denali
3	0.0	30114000	GMC Sierra 2500 CR PU 4x2
35	0.0	30115000	GMC Sierra 2500 CR PU 4x4
2	0.0	30119000	GMC Sierra 3500 PU E C 4x4
11	0.0	30120000	GMC Sierra 3500 CC 4x2
3	0.0	30121000	GMC Sierra 3500 CC E C 4x2
2	0.0	30122000	GMC Sierra 3500 CC 4x4
8	0.0	30127000	GMC Sierra 3500 CR PU 4x4
7	0.0	30129000	GMC Sonoma Crew Cab PU 4x4
20	0.0	30130000	GMC Envoy 4D 4x2
1	0.0	30130012	GMC Envoy 4D 4x2 Denali
180	0.1	30131000	GMC Envoy 4D 4x4
16	0.0	30131012	GMC Envoy 4D 4x4 Denali
2	0.0	30132000	GMC Sierra 1500 CR PU 4x2
15	0.0	30133000	GMC Sierra 1500 CR PU 4x4
6	0.0	30138000	GMC Envoy XL 4D 4x2
79	0.0	30139000	GMC Envoy XL 4D 4x4
5	0.0	30139012	GMC Envoy XL 4D 4x4 Denali
2	0.0	30142000	GMC Yukon Hybrid 4D 4x4
1	0.0	30143006	GMC Savana Cargo Van 1500 4x4 Incomplete
11	0.0	30146000	GMC Canyon PU 4x2
1	0.0	30147000	GMC Canyon CC 4x2
9	0.0	30149000	GMC Canyon PU E C 4x2
4	0.0	30152000	GMC Canyon CR PU 4x2
3	0.0	30155000	GMC Envoy XUV 4D 4x2
14	0.0	30156000	GMC Envoy XUV 4D 4x4
3	0.0	30157000	GMC Canyon PU 4x4
10	0.0	30158000	GMC Canyon PU E C 4x4

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
13	0.0	30159000	GMC Canyon CR PU 4x4
66	0.0	30160000	GMC Medium Duty 4500 Series
30	0.0	30161000	GMC Medium Duty 5500 Series
29	0.0	30162000	GMC Medium Duty 6500 Series
73	0.0	30163000	GMC Medium Duty 7500 Series
4	0.0	30164000	GMC Medium Duty 8500 Series
5	0.0	30165013	GMC Acadia 4D 2WD SLE
6	0.0	30165014	GMC Acadia 4D 2WD SLT
4	0.0	30166013	GMC Acadia 4D 4WD SLE
13	0.0	30166014	GMC Acadia 4D 4WD SLT
7	0.0	30167000	GMC Sierra 1500 4x2
5	0.0	30168000	GMC Sierra 1500 Extended Cab 4x2
2	0.0	30169000	GMC Sierra 1500 4x4
10	0.0	30170000	GMC Sierra 1500 Extended Cab 4x4
8	0.0	30178000	GMC Sierra 2500 Extended Cab 4x4
6	0.0	30184000	GMC Sierra 2500 Crew 4x4
2	0.0	30189000	GMC Sierra 3500 Chassis Cab 4x2
1	0.0	30197000	GMC Sierra 1500 Crew 4x2
15	0.0	30198000	GMC Sierra 1500 Crew 4x4
857	0.5	31000000	Ford Truck Unknown Series Model
40	0.0	31002001	Ford E150 Econo Club Wagon Club Wagon
1	0.0	31004001	Ford E250 Econo Club Wagon Club Wagon
48	0.0	31006001	Ford E350 Econo Club Wagon Club Wagon
200	0.1	31006008	Ford E350 Econo Club Wagon Super Club Wagon
16	0.0	31007000	Ford F100 Pickup 4x2
340	0.2	31008000	Ford F150 Pickup 4x2
18	0.0	31008023	Ford F150 Pickup 4x2 Flareside
275	0.2	31008024	Ford F150 Pickup 4x2 Styleside
119	0.1	31009000	Ford F250 Pickup 4x2
11	0.0	31009024	Ford F250 Pickup 4x2 Styleside
15	0.0	31010000	Ford F350 Pickup 4x2
2	0.0	31010026	Ford F350 Pickup 4x2 Dual Rear Wheels
2	0.0	31011000	Ford Bronco 2D 4x4
56	0.0	31011014	Ford Bronco 2D 4x4 4-Wheel Drive
214	0.1	31013002	Ford E150 Econo Cargo Van Cargo Van
3	0.0	31013003	Ford E150 Econo Cargo Van Window Van
116	0.1	31013020	Ford E150 Econo Cargo Van Incomplete
484	0.3	31014002	Ford E250 Econo Cargo Van Cargo Van
1	0.0	31014003	Ford E250 Econo Cargo Van Window Van
75	0.0	31014009	Ford E250 Econo Cargo Van Super Cargo Van
11	0.0	31014020	Ford E250 Econo Cargo Van Incomplete
155	0.1	31015002	Ford E350 Econo Cargo Van Cargo Van
89	0.1	31015009	Ford E350 Econo Cargo Van Super Cargo Van
17	0.0	31015020	Ford E350 Econo Cargo Van Incomplete
1	0.0	31019000	Ford F150 Chassis C 4x2
7	0.0	31020000	Ford F250 Chassis C 4x2
54	0.0	31021000	Ford F350 Chassis C 4x2
45	0.0	31021026	Ford F350 Chassis C 4x2 Dual Rear Wheels
2	0.0	31022000	Ford F150 Pickup 4x4
125	0.1	31022014	Ford F150 Pickup 4x4 4-Wheel Drive
6	0.0	31022023	Ford F150 Pickup 4x4 Flareside
76	0.0	31022024	Ford F150 Pickup 4x4 Styleside

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
1	0.0	31023014	Ford F150 Chassis C 4x4 4-Wheel Drive
1	0.0	31024000	Ford F250 Pickup 4x4
144	0.1	31024014	Ford F250 Pickup 4x4 4-Wheel Drive
11	0.0	31024024	Ford F250 Pickup 4x4 Styleside
17	0.0	31025014	Ford F350 Chassis C 4x4 4-Wheel Drive
20	0.0	31025026	Ford F350 Chassis C 4x4 Dual Rear Wheels
61	0.0	31026014	Ford F350 Pickup 4x4 4-Wheel Drive
1	0.0	31027014	Ford F250 Chassis C 4x4 4-Wheel Drive
577	0.3	31028000	Ford Ranger Pickup 4x2
56	0.0	31029014	Ford Ranger Pickup 4x4 4-Wheel Drive
27	0.0	31031000	Ford Bronco II 2D 4x4
62	0.0	31032017	Ford Aerostar Van 4x2 Window Wagon
12	0.0	31033002	Ford Aerostar Cargo V 4x2 Cargo Van
3	0.0	31034000	Ford Bronco II 2D 4x2
1	0.0	31035005	Ford E250 Cutaway/Chassis Cutaway
202	0.1	31037005	Ford E350 Cutaway/Chassis Van Cutaway
6	0.0	31037016	Ford E350 Cutaway/Chassis Van Stripped Chassis
28	0.0	31038007	Ford E350 RV Cutaway Van RV Cutaway
1	0.0	31038019	Ford E350 RV Cutaway Van RV Chassis
60	0.0	31040012	Ford F150 Super PU 4x2 Super Pickup 4x2
17	0.0	31040023	Ford F150 Super PU 4x2 Flareshide
268	0.2	31040024	Ford F150 Super PU 4x2 Styleside
67	0.0	31041012	Ford F250 Super PU 4x2 Super Pickup 4x2
5	0.0	31041024	Ford F250 Super PU 4x2 Styleside
20	0.0	31042012	Ford F350 Super PU 4x2 Super Pickup 4x2
2	0.0	31042026	Ford F350 Super PU 4x2 Dual Rear Wheels
46	0.0	31043015	Ford F350 Crew C PU 4x2 Crew Cab
15	0.0	31043026	Ford F350 Crew C PU 4x2 Dual Rear Wheels
52	0.0	31044013	Ford F150 Super PU 4x4 Super Pickup 4x4
21	0.0	31044023	Ford F150 Super PU 4x4 Flareshide
239	0.1	31044024	Ford F150 Super PU 4x4 Styleside
299	0.2	31045013	Ford F250 Super PU 4x4 Super Pickup 4x4
25	0.0	31045024	Ford F250 Super PU 4x4 Styleside
144	0.1	31046015	Ford F350 Crew C PU 4x4 Crew Cab
67	0.0	31046026	Ford F350 Crew C PU 4x4 Dual Rear Wheels
259	0.1	31047018	Ford Ranger Super PU 4x2 Super Cab
82	0.0	31047047	Ford Ranger Super PU 4x2 2-Door
45	0.0	31047048	Ford Ranger Super PU 4x2 4-Door
168	0.1	31048018	Ford Ranger Super PU 4x4 Super Cab
45	0.0	31048047	Ford Ranger Super PU 4x4 2-Door
70	0.0	31048048	Ford Ranger Super PU 4x4 4-Door
55	0.0	31049014	Ford F350 Super PU 4x4 4-Wheel Drive
11	0.0	31049026	Ford F350 Super PU 4x4 Dual Rear Wheels
47	0.0	31050000	Ford F-Super Duty C C 4x2
38	0.0	31051017	Ford Aerostar Ext Van 4x2 Window Wagon
1	0.0	31052003	Ford Aerostar Ext CG Van 4x2 Window Van
15	0.0	31055017	Ford Aerostar Ext Van 4x4 Window Van
57	0.0	31057000	Ford Explorer 2D 4x2
51	0.0	31057034	Ford Explorer 2D 4x2 Sport
156	0.1	31058000	Ford Explorer 2D 4x4
91	0.1	31058034	Ford Explorer 2D 4x4 Sport
64	0.0	31059000	Ford Explorer 4D 4x2

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
72	0.0	31059031	Ford Explorer 4D 4x2 XLT
8	0.0	31059032	Ford Explorer 4D 4x2 Eddie Bauer
8	0.0	31059033	Ford Explorer 4D 4x2 Limited
85	0.0	31059036	Ford Explorer 4D 4x2 XLS
657	0.4	31060000	Ford Explorer 4D 4x4
104	0.1	31060025	Ford Explorer 4D 4x4 AWD
699	0.4	31060031	Ford Explorer 4D 4x4 XLT
152	0.1	31060032	Ford Explorer 4D 4x4 Eddie Bauer
83	0.0	31060033	Ford Explorer 4D 4x4 Limited
2	0.0	31060035	Ford Explorer 4D 4x4 XL
205	0.1	31060036	Ford Explorer 4D 4x4 XLS
30	0.0	31060037	Ford Explorer 4D 4x4 XLT AWD
11	0.0	31060038	Ford Explorer 4D 4x4 Eddie Bauer AWD
11	0.0	31060041	Ford Explorer 4D 4x4 Limited AWD
272	0.2	31061000	Ford Windstar Van
65	0.0	31061028	Ford Windstar Van 3.0L/LX
96	0.1	31061029	Ford Windstar Van SE
78	0.0	31061030	Ford Windstar Van SEL
13	0.0	31061033	Ford Windstar Van Limited
1	0.0	31061034	Ford Windstar Van Sport
169	0.1	31061042	Ford Windstar Van LX
6	0.0	31061044	Ford Windstar Van SE Sport
5	0.0	31061045	Ford Windstar Van SEL Limited
23	0.0	31062000	Ford Windstar Cargo Van
4	0.0	31063000	Ford F53 Motorhome Chassis
24	0.0	31064015	Ford F250 Crew C PU 4x2 Crew Cab
2	0.0	31064024	Ford F250 Crew C PU 4x2 Styleside
157	0.1	31065015	Ford F250 Crew C PU 4x4 Crew Cab
6	0.0	31065024	Ford F250 Crew C PU 4x4 Styleside
1	0.0	31066000	Ford F150 Super CC 4x2
1	0.0	31068000	Ford F250 Super CC 4x2
1	0.0	31069014	Ford F250 Super CC 4x4 4-Wheel Drive
5	0.0	31070000	Ford F350 Super CC 4x2
3	0.0	31070026	Ford F350 Super CC 4x2 Dual Rear Wheels
3	0.0	31073015	Ford F350 Crew CC 4x2 Crew Cab
6	0.0	31073026	Ford F350 Crew CC 4x2 Dual Rear Wheels
8	0.0	31074015	Ford F350 Crew CC 4x4 Crew Cab
9	0.0	31074026	Ford F350 Crew CC 4x4 Dual Rear Wheels
21	0.0	31075000	Ford Expedition 4D 4x2
63	0.0	31075031	Ford Expedition 4D 4x2 XLT
28	0.0	31075032	Ford Expedition 4D 4x2 Eddie Bauer
1	0.0	31075033	Ford Expedition 4D 4x2 Limited
9	0.0	31075036	Ford Expedition 4D 4x2 XLS
308	0.2	31076000	Ford Expedition 4D 4x4
302	0.2	31076031	Ford Expedition 4D 4x4 XLT
208	0.1	31076032	Ford Expedition 4D 4x4 Eddie Bauer
17	0.0	31076033	Ford Expedition 4D 4x4 Limited
5	0.0	31076036	Ford Expedition 4D 4x4 XLS
7	0.0	31077024	Ford F250 PU 4x2 LD Styleside
4	0.0	31079024	Ford F250 SUP PU 4x2 LD Styleside
5	0.0	31081024	Ford F250 PU 4x4 LD Styleside
10	0.0	31083024	Ford F250 SUP PU 4x4 LD Styleside

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
14	0.0	31085007	Ford E450 RV Cutaway Van RV Cutaway
286	0.2	31086005	Ford E450 RV Cutaway/Chass Van Cutaway
4	0.0	31086016	Ford E450 RV Cutaway/Chass Van Stripped Chassis
5	0.0	31087014	Ford F350 Super CC 4x4 4-Wheel Drive
6	0.0	31087026	Ford F350 Super CC 4x4 Dual Rear Wheels
109	0.1	31088026	Ford F450 Chassis C 4x2 Dual Rear Wheels
81	0.0	31089026	Ford F450 Chassis C 4x4 Dual Rear Wheels
16	0.0	31090026	Ford F450 Crew CC 4x2 Dual Rear Wheels
16	0.0	31091026	Ford F450 Crew CC 4x4 Dual Rear Wheels
60	0.0	31092026	Ford F550 Chassis C 4x2 Dual Rear Wheels
15	0.0	31093026	Ford F550 Chassis C 4x4 Dual Rear Wheels
20	0.0	31094026	Ford F550 Crew CC 4x2 Dual Rear Wheels
24	0.0	31095026	Ford F550 Crew CC 4x4 Dual Rear Wheels
27	0.0	31097026	Ford F650 Chassis C 4x2 Dual Rear Wheels
9	0.0	31098026	Ford F650 Super CC 4x2 Dual Rear Wheels
7	0.0	31099026	Ford F650 Crew CC 4x2 Dual Rear Wheels
12	0.0	31100026	Ford F750 Chassis C 4x2 Dual Rear Wheels
1	0.0	31101026	Ford F750 Super CC 4x2 Dual Rear Wheels
8	0.0	31103031	Ford Excursion 4D 4x2 XLT
3	0.0	31103032	Ford Excursion 4D 4x2 Eddie Bauer
14	0.0	31104031	Ford Excursion 4D 4x4 XLT
12	0.0	31104032	Ford Excursion 4D 4x4 Eddie Bauer
48	0.0	31104033	Ford Excursion 4D 4x4 Limited
14	0.0	31105039	Ford Explorer Chassis 4x2 Right Hand Drive
37	0.0	31106000	Ford Explorer SPT Trac 4x2
5	0.0	31106031	Ford Explorer SPT Trac 4x2 XLT
3	0.0	31106033	Ford Explorer SPT Trac 4x2 Limited
102	0.1	31107000	Ford Explorer SPT Trac 4x4
5	0.0	31107031	Ford Explorer SPT Trac 4x4 XLT
6	0.0	31107033	Ford Explorer SPT Trac 4x4 Limited
69	0.0	31108043	Ford F150 Crew C PU 4x2 Super Crew
283	0.2	31109043	Ford F150 Crew C PU 4x4 Super Crew
109	0.1	31112031	Ford Escape 4D 2WD XLT
4	0.0	31112033	Ford Escape 4D 2WD Limited
101	0.1	31112036	Ford Escape 4D 2WD XLS
267	0.2	31113031	Ford Escape 4D 4WD XLT
55	0.0	31113033	Ford Escape 4D 4WD Limited
85	0.0	31113036	Ford Escape 4D 4WD XLS
25	0.0	31114026	Ford F800 CC 4x2 Dual Rear Wheels
1	0.0	31116005	Ford E550 Cutaway/Chass Van Cutaway
1	0.0	31117026	Ford F450 Crew C PU 4x2 Dual Rear Wheels
5	0.0	31118026	Ford F450 Crew C PU 4x4 Dual Rear Wheels
2	0.0	31119026	Ford F450 Super CC 4x2 Dual Rear Wheels
2	0.0	31120026	Ford F450 Super CC 4x4 Dual Rear Wheels
3	0.0	31121026	Ford F550 Super CC 4x2 Dual Rear Wheels
1	0.0	31122026	Ford F550 Super CC 4x4 Dual Rear Wheels
19	0.0	31133000	Ford Escape Hybrid 4D 2WD
28	0.0	31134000	Ford Escape Hybrid 4D 4WD
1	0.0	31135000	Ford Freestar Van
79	0.0	31135029	Ford Freestar Van SE
31	0.0	31135030	Ford Freestar Van SEL
9	0.0	31135033	Ford Freestar Van Limited

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
15	0.0	31135051	Ford Freestar Van SES/Sport
16	0.0	31135052	Ford Truck Freestar Van S
8	0.0	31136029	Ford Freestyle 4D 2WD SE
18	0.0	31136030	Ford Freestyle 4D 2WD SEL
12	0.0	31137029	Ford Freestyle 4D 4WD SE
15	0.0	31137030	Ford Freestyle 4D 4WD SEL
21	0.0	31137033	Ford Freestyle 4D 4WD Limited
1	0.0	31138031	Ford Expedition EL 4D 4x2 XLT
1	0.0	31138032	Ford Expedition EL 4D 4x2 Eddie Bauer
5	0.0	31139031	Ford Expedition EL 4D 4x4 XLT
7	0.0	31139032	Ford Expedition EL 4D 4x4 Eddie Bauer
5	0.0	31139033	Ford Expedition EL 4D 4x4 Limited
2	0.0	31140023	Ford F150 Pickup 4x2 Flareside
197	0.1	31140024	Ford F150 Pickup 4x2 Styleside
3	0.0	31141023	Ford F150 Pickup 4x4 Flareside
49	0.0	31141024	Ford F150 Pickup 4x4 Styleside
4	0.0	31142023	Ford F150 Super PU 4x2 Flareside
94	0.1	31142024	Ford F150 Super PU 4x2 Styleside
8	0.0	31143023	Ford F150 Super PU 4x4 Flareside
206	0.1	31143024	Ford F150 Super PU 4x4 Styleside
7	0.0	31148000	Ford Freestar CG Van
4	0.0	31150026	Ford Truck Low Cab Forward 450 4X2 Dual Rear Wheels
5	0.0	31151026	Ford Truck Low Cab Forward 550 4X2 Dual Rear Wheels
8	0.0	31152029	Ford Truck Edge 4D 2WD SE
7	0.0	31152030	Ford Truck Edge4D 2WD SEL
3	0.0	31152033	Ford Truck Edge4D 2WD Limited
6	0.0	31152053	Ford Truck Edge4D 2WD SEL Plus
9	0.0	31153029	Ford Truck Edge4D 4WD SE
17	0.0	31153030	Ford Truck Edge4D 4WD SEL
10	0.0	31153033	Ford Truck Edge4D 4WD Limited
11	0.0	31153053	Ford Truck Edge4D 4WD SEL Plus
5	0.0	31154030	Ford Truck Taurus X 4D 2WD SEL
1	0.0	31154033	Ford Truck Taurus X 4D 2WD Limited
3	0.0	31155030	Ford Truck Taurus X 4D 4WD SEL
1	0.0	31155033	Ford Truck Taurus X 4D 4WD Limited
1	0.0	31157029	Ford Truck Flex 4D 2WD SE
2	0.0	31157030	Ford Truck Flex 4D 2WD SEL
2	0.0	31159026	Ford Truck F600 CC 4x2 Dual Rear Wheels
5	0.0	31160026	Ford Truck F700 CC 4x2 Dual Rear Wheels
2	0.0	31161000	Ford Truck LN8000 CC 4x2
430	0.2	32000000	Dodge Truck Unknown Series Model
1	0.0	32002002	Dodge B200 Van Tradesman
2	0.0	32008000	Dodge D/W 100/150 PU 1/2T
3	0.0	32011000	Dodge Ram50/D50 PU SH 4x2
3	0.0	32012003	Dodge AD150 Ramcharger 2D 4x2 Sport
8	0.0	32013003	Dodge AW150 Ramcharger 2D 4x4 Sport
8	0.0	32014010	Dodge B150/B1500 Van Wagon
200	0.1	32015004	Dodge Ram 1500 PU 4x2 Conventional Cab
1	0.0	32016007	Dodge B250/B2500 Van Bus
14	0.0	32016010	Dodge B250/B2500 Van Wagon
47	0.0	32017008	Dodge B150/B1500 CG Van Incomplete
54	0.0	32017009	Dodge B150/B1500 CG Van Truck

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
8	0.0	32018004	Dodge Ram 2500 PU 4x2 Conventional Cab
54	0.0	32019008	Dodge B250/B2500 CG Van Incomplete
60	0.0	32019009	Dodge B250/B2500 CG Van Truck
59	0.0	32020007	Dodge B350/B3500 Van Bus
3	0.0	32021008	Dodge B350/B3500 CG Van Incomplete
21	0.0	32021009	Dodge B350/B3500 CG Van Truck
2	0.0	32023004	Dodge Ram 2500 CC 4x2 Conventional Cab
37	0.0	32024004	Dodge D100/D150 Pickup Conventional Cab
10	0.0	32026004	Dodge D250 Pickup 4x2 Conventional Cab
2	0.0	32028004	Dodge D350 Pickup 4x2 Conventional Cab
16	0.0	32029004	Dodge W100/W150 Pickup 4x4 Conventional Cab
5	0.0	32031004	Dodge W250 Pickup 4x4 Conventional Cab
1	0.0	32032004	Dodge W350 Chassis Cab 4x4 Conventional Cab
1	0.0	32035000	Dodge Ram50/D50 PU SH 4x4
1	0.0	32036017	Dodge Caravan CG Van 2WD Mini Ram Van
6	0.0	32036018	Dodge Caravan CG Van 2WD Caravan C/V
302	0.2	32037000	Dodge Caravan Van 2WD
13	0.0	32037003	Dodge Caravan Van 2WD Sport
273	0.2	32037013	Dodge Caravan Van 2WD SE
10	0.0	32037014	Dodge Caravan Van 2WD LE
4	0.0	32037025	Dodge Caravan Van 2WD LE/ES
65	0.0	32037028	Dodge Caravan Van 2WD SE/Sport
2	0.0	32037041	Dodge Caravan Van 2WD EC
87	0.0	32037051	Dodge Caravan Van 2WD SXT
5	0.0	32038004	Dodge Ram 3500 CC 4x2 Conventional Cab
1	0.0	32038047	Dodge Ram 3500 CC 4x2 Dual Rear Wheels
117	0.1	32039000	Dodge Dakota Pickup 4x2
3	0.0	32039003	Dodge Dakota Pickup 4x2 Sport
7	0.0	32039027	Dodge Dakota Pickup 4x2 Base/Sport/LE
1	0.0	32039037	Dodge Dakota Pickup 4x2 SLT
2	0.0	32039044	Dodge Dakota Pickup 4x2 Sport/R/T
8	0.0	32039045	Dodge Dakota Pickup 4x2 Base/SXT
4	0.0	32039051	Dodge Dakota Pickup 4x2 SXT
36	0.0	32040000	Dodge Dakota Pickup 4x4
5	0.0	32040003	Dodge Dakota Pickup 4x4 Sport
1	0.0	32040027	Dodge Dakota Pickup 4x4 Base/Sport/LE
1	0.0	32040037	Dodge Dakota Pickup 4x4 SLT
1	0.0	32040045	Dodge Dakota Pickup 4x4 Base/SXT
2	0.0	32040051	Dodge Dakota Pickup 4x4 SXT
1	0.0	32044005	Dodge D250 Club C PU 4x2 2-Door Club Cab
1	0.0	32047005	Dodge D350 Club C PU 4x2 2-Door Club Cab
3	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
59	0.0	32054000	Dodge Grand Caravan 2WD
136	0.1	32054003	Dodge Grand Caravan 2WD Sport
335	0.2	32054013	Dodge Grand Caravan 2WD SE
39	0.0	32054014	Dodge Grand Caravan 2WD LE
21	0.0	32054024	Dodge Grand Caravan 2WD Base/SE
56	0.0	32054025	Dodge Grand Caravan 2WD LE/ES
202	0.1	32054028	Dodge Grand Caravan 2WD SE/Sport
17	0.0	32054031	Dodge Grand Caravan 2WD ES
25	0.0	32054032	Dodge Grand Caravan 2WD EX



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
7	0.0	32054042	Dodge Grand Caravan 2WD EL
235	0.1	32054051	Dodge Grand Caravan 2WD SXT
9	0.0	32057018	Dodge Caravan Ext Cargo Van 2WD Caravan C/V
133	0.1	32059005	Dodge Dakota Club PU 4x2 2-Door Club Cab
23	0.0	32059035	Dodge Dakota Club PU 4x2 Club Cab SLT
2	0.0	32059036	Dodge Dakota Club PU 4x2 Club Cab Sport/R/T
11	0.0	32059046	Dodge Dakota Club PU 4x2 Club Cab Base/SXT
5	0.0	32059048	Dodge Dakota Club PU 4x2 Club Cab SXT
9	0.0	32059049	Dodge Dakota Club PU 4x2 Club Cab Sport
8	0.0	32059053	Dodge Dakota Club PU 4x2 Club Cab
22	0.0	32059056	Dodge Dakota Club PU 4x2 Club Cab ST
2	0.0	32063003	Dodge Grand Caravan 4WD Sport
5	0.0	32063013	Dodge Grand Caravan 4WD SE
2	0.0	32063014	Dodge Grand Caravan 4WD LE
1	0.0	32063025	Dodge Grand Caravan 4WD LE/SE
101	0.1	32064005	Dodge Dakota Club PU 4x4 2-Door Club Cab
22	0.0	32064035	Dodge Dakota Club PU 4x4 Club Cab SLT
5	0.0	32064036	Dodge Dakota Club PU 4x4 Club Cab Sport/R/T
8	0.0	32064046	Dodge Dakota Club PU 4x4 Club Cab Base/SXT
8	0.0	32064048	Dodge Dakota Club PU 4x4 Club Cab SXT
6	0.0	32064049	Dodge Dakota Club PU 4x4 Club Cab Sport
8	0.0	32064053	Dodge Dakota Club PU 4x4 Club Cab
17	0.0	32064056	Dodge Dakota Club PU 4x4 Club Cab ST
1	0.0	32064057	Dodge Dakota Club PU 4x4 Club Cab Laramie
110	0.1	32067004	Dodge Ram 1500 PU 4x4 Conventional Cab
44	0.0	32068004	Dodge Ram 2500 PU 4x4 Conventional Cab
2	0.0	32069004	Dodge Ram 3500 PU 4x4 Conventional Cab
2	0.0	32069047	Dodge Ram 3500 PU 4x4 Dual Rear Wheels
1	0.0	32070004	Dodge Ram 2500 CC 4x4 Conventional Cab
2	0.0	32071004	Dodge Ram 3500 CC 4x4 Conventional Cab
44	0.0	32072005	Dodge Ram 1500 Club C PU 4x2 2-Door Club Cab
61	0.0	32072029	Dodge Ram 1500 Club C PU 4x2 4-Door Club Cab
4	0.0	32073005	Dodge Ram 2500 Club C PU 4x2 2-Door Club Cab
3	0.0	32073029	Dodge Ram 2500 Club C PU 4x2 4-Door Club Cab
1	0.0	32074005	Dodge Ram 3500 Club C PU 4x2 2-Door Club Cab
1	0.0	32074029	Dodge Ram 3500 Club C PU 4x2 4-Door Club Cab
61	0.0	32075005	Dodge Ram 1500 Club C PU 4x4 2-Door Club Cab
127	0.1	32075029	Dodge Ram 1500 Club C PU 4x4 4-Door Club Cab
18	0.0	32076005	Dodge Ram 2500 Club C PU 4x4 2-Door Club Cab
62	0.0	32076029	Dodge Ram 2500 Club C PU 4x4 4-Door Club Cab
2	0.0	32077005	Dodge Ram 3500 Club C PU 4x4 2-Door Club Cab
17	0.0	32077029	Dodge Ram 3500 Club C PU 4x4 4-Door Club Cab
332	0.2	32078000	Dodge Durango 4D 4x4
30	0.0	32078003	Dodge Durango 4D 4x4 Sport
160	0.1	32078037	Dodge Durango 4D 4x4 SLT
15	0.0	32078039	Dodge Durango 4D 4x4 SLT Plus
1	0.0	32078040	Dodge Durango 4D 4x4 R/T
14	0.0	32078043	Dodge Durango 4D 4x4 Sport/SXT
15	0.0	32078051	Dodge Durango 4D 4x4 SXT
19	0.0	32078054	Dodge Durango 4D 4x4 ST
43	0.0	32078055	Dodge Durango 4D 4x4 Limited
2	0.0	32078060	Dodge Durango 4D 4x4 SLT/Adventurer

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
1	0.0	32078063	Dodge Durango 4D 4x4 Adventurer
18	0.0	32079000	Dodge Durango 4D 4x2
8	0.0	32079003	Dodge Durango 4D 4x2 Sport
17	0.0	32079037	Dodge Durango 4D 4x2 SLT
10	0.0	32079043	Dodge Durango 4D 4x2 Sport/SXT
7	0.0	32079051	Dodge Durango 4D 4x2 SXT
5	0.0	32079054	Dodge Durango 4D 4x2 ST
27	0.0	32080033	Dodge Dakota Crew Cab PU 4x2 Quad Cab SLT
5	0.0	32080034	Dodge Dakota Crew Cab PU 4x2 Quad Cab Sport/R/T
24	0.0	32080038	Dodge Dakota Crew Cab PU 4x2 Quad Cab
5	0.0	32080052	Dodge Dakota Crew Cab PU 4x2 Quad Cab Sport
5	0.0	32080058	Dodge Dakota Crew Cab PU 4x2 Quad Cab ST
84	0.0	32081033	Dodge Dakota Crew Cab PU 4x4 Quad Cab SLT
9	0.0	32081034	Dodge Dakota Crew Cab PU 4x4 Quad Cab Sport/R/T
20	0.0	32081038	Dodge Dakota Crew Cab PU 4x4 Quad Cab
20	0.0	32081052	Dodge Dakota Crew Cab PU 4x4 Quad Cab Sport
8	0.0	32081058	Dodge Dakota Crew Cab PU 4x4 Quad Cab ST
2	0.0	32081059	Dodge Dakota Crew Cab PU 4x4 Quad Cab Laramie
1	0.0	32081062	Dodge Dakota Crew Cab PU 4x4 Quad Cab TRX
2	0.0	32081064	Dodge Dakota Crew Cab PU 4x4 Quad Cab SXT
97	0.1	32082038	Dodge Ram 1500 CR C PU 4x2 Quad Cab
318	0.2	32083038	Dodge Ram 1500 CR C PU 4x4 Quad Cab
3	0.0	32084038	Dodge Ram 2500 Crew C PU 4x2 Quad Cab
77	0.0	32085038	Dodge Ram 2500 Crew C PU 4x4 Quad Cab
1	0.0	32086038	Dodge Ram 3500 Crew C PU 4x2 Quad Cab
4	0.0	32086047	Dodge Ram 3500 Crew C PU 4x2 Dual Rear Wheels
9	0.0	32087038	Dodge Ram 3500 Crew C PU 4x4 Quad Cab
21	0.0	32087047	Dodge Ram 3500 Crew C PU 4x4 Dual Rear Wheels
1	0.0	32089038	Dodge Ram 2500 Crew CC 4x4 Quad Cab
43	0.0	32092000	Dodge Sprinter CG Van 2500
15	0.0	32093000	Dodge Sprinter CG Van 3500
2	0.0	32094000	Dodge Sprinter Van 2500
2	0.0	32095000	Dodge Sprinter Chassis 2500
2	0.0	32096000	Dodge Sprinter Chassis 3500
4	0.0	32098000	Dodge Ram 1500 Mega Cab Pickup 4x4
10	0.0	32100000	Dodge Ram 2500 Mega Cab Pickup 4x4
3	0.0	32102000	Dodge Ram 3500 Mega Cab Pickup 4x4
1	0.0	32102047	Dodge Ram 3500 Mega Cab Pickup 4x4 Dual Rear Wheels
10	0.0	32103051	Dodge Nitro 4D 2WD SXT
2	0.0	32103061	Dodge Nitro 4D 2WD SLT/R/T
2	0.0	32104013	Dodge Nitro 4D 4WD SE
23	0.0	32104051	Dodge Nitro 4D 4WD SXT
12	0.0	32104061	Dodge Nitro 4D 4WD SLT/R/T
5	0.0	32105013	Dodge Journey 4D 2WD SE
1	0.0	32105040	Dodge Journey 4D 2WD R/T
5	0.0	32105051	Dodge Journey 4D 2WD SXT
1	0.0	32107047	Dodge Ram 4500 Chassis Cab 4x2 Dual Rear Wheels
153	0.1	33000000	Chry/Plym Truck Unknown Series Model
181	0.1	33017000	Chry/Plym Truck Voyager Van 2WD
43	0.0	33017004	Chry/Plym Truck Voyager Van 2WD SE
9	0.0	33017005	Chry/Plym Truck Voyager Van 2WD LE
25	0.0	33017009	Chry/Plym Truck Voyager Van 2WD LX

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
14	0.0	33017012	Chry/Plym Truck Voyager Van 2WD SE/Expresso
1	0.0	33017018	Chry/Plym Truck Voyager Van 2WD EC
38	0.0	33018000	Chry/Plym Truck Grand Voyager 2WD
114	0.1	33018004	Chry/Plym Truck Grand Voyager 2WD SE
24	0.0	33018005	Chry/Plym Truck Grand Voyager 2WD LE
16	0.0	33018008	Chry/Plym Truck Grand Voyager 2WD Base/SE
58	0.0	33018012	Chry/Plym Truck Grand Voyager 2WD SE/Expresso
30	0.0	33019000	Chry/Plym Truck Town & Country LWB 2WD
149	0.1	33019009	Chry/Plym Truck Town & Country LWB 2WD LX
102	0.1	33019010	Chry/Plym Truck Town & Country LWB 2WD LXI
20	0.0	33019013	Chry/Plym Truck Town & Country LWB 2WD LX/LXI
101	0.1	33019014	Chry/Plym Truck Town & Country LWB 2WD Limited
11	0.0	33019016	Chry/Plym Truck Town & Country LWB 2WD EX
100	0.1	33019017	Chry/Plym Truck Town & Country LWB 2WD Touring
3	0.0	33019019	Chry/Plym Truck Town & Country LWB 2WD EL
14	0.0	33019020	Chry/Plym Truck Town & Country LWB 2WD EX/Touring
1	0.0	33021004	Chry/Plym Truck Grand Voyager 4WD SE
2	0.0	33022000	Chry/Plym Truck Town & Country LWB 4WD
1	0.0	33022009	Chry/Plym Truck Town & Country LWB 4WD LX
13	0.0	33022010	Chry/Plym Truck Town & Country LWB 4WD LXI
1	0.0	33022013	Chry/Plym Truck Town & Country LWB 4WD LX/LXI
11	0.0	33022014	Chry/Plym Truck Town & Country LWB 4WD Limited
80	0.0	33023000	Chry/Plym Truck Town & Country SWB 2WD
1	0.0	33023009	Chry/Plym Truck Town & Country SWB 2WD LX
2	0.0	33023011	Chry/Plym Truck Town & Country SWB 2WD SX
245	0.1	33024000	Chry/Plym Truck PT Cruiser 4D
12	0.0	33024003	Chry/Plym Truck PT Cruiser 4D GT
68	0.0	33024014	Chry/Plym Truck PT Cruiser 4D Limited
134	0.1	33024017	Chry/Plym Truck PT Cruiser 4D Touring
32	0.0	33025000	Chry/Plym Truck Pacifica 4D 4WD
1	0.0	33025009	Chry/Plym Truck Pacifica 4D 4WD LX
9	0.0	33025014	Chry/Plym Truck Pacifica 4D 4WD Limited
47	0.0	33025017	Chry/Plym Truck Pacifica 4D 4WD Touring
50	0.0	33026000	Chry/Plym Truck Pacifica 4D 2WD
2	0.0	33026009	Chry/Plym Truck Pacifica 4D 2WD LX
1	0.0	33026014	Chry/Plym Truck Pacifica 4D 2WD Limited
64	0.0	33026017	Chry/Plym Truck Pacifica 4D 2WD Touring
1	0.0	33027014	Chry/Plym Truck Aspen 4D 4x2 Limited
14	0.0	33028014	Chry/Plym Truck Aspen 4D 4x4 Limited
218	0.1	34000000	Jeep Unknown Series Model
4	0.0	34007000	Jeep DJ5/CJ5 Roadster 2D 4x4
3	0.0	34008000	Jeep CJ-7 Roadster 2D 4x4
1	0.0	34010000	Jeep Wagoneer 4D 4x4
4	0.0	34010008	Jeep Wagoneer 4D 4x4 Limited
1	0.0	34012000	Jeep Comanche PU Long 4x2
2	0.0	34013007	Jeep Comanche PU Long 4x4 Custom
19	0.0	34014000	Jeep Wrangler 2D SWB 4x4
2	0.0	34014010	Jeep Wrangler 2D SWB 4x4 Islander
57	0.0	34014011	Jeep Wrangler 2D SWB 4x4 Sahara
1	0.0	34014014	Jeep Wrangler 2D SWB 4x4 Renegade
110	0.1	34014015	Jeep Wrangler 2D SWB 4x4 Sport
30	0.0	34014017	Jeep Wrangler 2D SWB 4x4 S

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
2	0.0	34014018	Jeep Wrangler 2D SWB 4x4 Base/Sport
2	0.0	34014019	Jeep Wrangler 2D SWB 4x4 Right Hand Drive
84	0.0	34014020	Jeep Wrangler 2D SWB 4x4 SE
83	0.0	34014028	Jeep Wrangler 2D SWB 4x4 X
21	0.0	34014032	Jeep Wrangler 2D SWB 4x4 Rubicon
2	0.0	34015000	Jeep Comanche PU Short 4x2
2	0.0	34016005	Jeep Comanche PU Short 4x4 Pioneer
1	0.0	34019000	Jeep Cherokee 2D 4x2
3	0.0	34019015	Jeep Cherokee 2D 4x2 Sport
1	0.0	34019016	Jeep Cherokee 2D 4x2 Country
8	0.0	34019020	Jeep Cherokee 2D 4x2 SE
3	0.0	34020000	Jeep Cherokee 4D 4x2
1	0.0	34020004	Jeep Cherokee 4D 4x2 Classic/Limited
1	0.0	34020008	Jeep Cherokee 4D 4x2 Limited
2	0.0	34020009	Jeep Cherokee 4D 4x2 Laredo
11	0.0	34020015	Jeep Cherokee 4D 4x2 Sport
4	0.0	34020016	Jeep Cherokee 4D 4x2 Country
8	0.0	34020020	Jeep Cherokee 4D 4x2 SE
4	0.0	34020025	Jeep Cherokee 4D 4x2 Sport/Classic/Limited
5	0.0	34020027	Jeep Cherokee 4D 4x2 Sport/Classic
6	0.0	34021000	Jeep Cherokee 2D 4x4
1	0.0	34021005	Jeep Cherokee 2D 4x4 Pioneer
1	0.0	34021008	Jeep Cherokee 2D 4x4 Limited
2	0.0	34021009	Jeep Cherokee 2D 4x4 Laredo
13	0.0	34021015	Jeep Cherokee 2D 4x4 Sport
13	0.0	34021020	Jeep Cherokee 2D 4x4 SE
1	0.0	34021027	Jeep Cherokee 2D 4x4 Sport/Classic
28	0.0	34022000	Jeep Cherokee 4D 4x4
12	0.0	34022003	Jeep Cherokee 4D 4x4 Classic
14	0.0	34022004	Jeep Cherokee 4D 4x4 Classic/Limited
4	0.0	34022005	Jeep Cherokee 4D 4x4 Pioneer
29	0.0	34022008	Jeep Cherokee 4D 4x4 Limited
39	0.0	34022009	Jeep Cherokee 4D 4x4 Laredo
256	0.1	34022015	Jeep Cherokee 4D 4x4 Sport
49	0.0	34022016	Jeep Cherokee 4D 4x4 Country
5	0.0	34022019	Jeep Cherokee 4D 4x4 Right Hand Drive
71	0.0	34022020	Jeep Cherokee 4D 4x4 SE
63	0.0	34022025	Jeep Cherokee 4D 4x4 Sport/Classic/Limited
59	0.0	34022027	Jeep Cherokee 4D 4x4 Sport/Classic
7	0.0	34023008	Jeep Grand Cherokee 4D 4x2 Limited
51	0.0	34023009	Jeep Grand Cherokee 4D 4x2 Laredo
1	0.0	34023015	Jeep Grand Cherokee 4D 4x2 Sport
1	0.0	34023020	Jeep Grand Cherokee 4D 4x2 SE
8	0.0	34023022	Jeep Grand Cherokee 4D 4x2 Laredo/TSI
1	0.0	34023026	Jeep Grand Cherokee 4D 4x2 Special Edition
384	0.2	34024008	Jeep Grand Cherokee 4D 4x4 Limited
934	0.5	34024009	Jeep Grand Cherokee 4D 4x4 Laredo
15	0.0	34024015	Jeep Grand Cherokee 4D 4x4 Sport
1	0.0	34024021	Jeep Grand Cherokee 4D 4x4 Base/Sport/Grand Wagoneer
141	0.1	34024022	Jeep Grand Cherokee 4D 4x4 Laredo/TSI
27	0.0	34024023	Jeep Grand Cherokee 4D 4x4 Limited/Orvis
3	0.0	34024024	Jeep Grand Cherokee 4D 4x4 5.9 Limited

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
28	0.0	34024026	Jeep Grand Cherokee 4D 4x4 Special Edition
26	0.0	34024029	Jeep Grand Cherokee 4D 4x4 Overland
3	0.0	34024031	Jeep Grand Cherokee 4D 4x4 SRT-8
10	0.0	34025008	Jeep Liberty 4D 4x2 Limited
2	0.0	34025014	Jeep Liberty 4D 4x2 Renegade
26	0.0	34025015	Jeep Liberty 4D 4x2 Sport
161	0.1	34026008	Jeep Liberty 4D 4x4 Limited
28	0.0	34026014	Jeep Liberty 4D 4x4 Renegade
388	0.2	34026015	Jeep Liberty 4D 4x4 Sport
16	0.0	34027030	Jeep Wrangler 2D LWB 4x4 Unlimited
4	0.0	34027032	Jeep Wrangler 2D LWB 4x4 Rubicon
1	0.0	34028008	Jeep Commander 4D 4x2 Limited
5	0.0	34028015	Jeep Commander 4D 4x2 Sport
25	0.0	34029000	Jeep Commander 4D 4x4
18	0.0	34029008	Jeep Commander 4D 4x4 Limited
22	0.0	34029015	Jeep Commander 4D 4x4 Sport
1	0.0	34029029	Jeep Commander 4D 4x4 Overland
10	0.0	34030008	Jeep Compass 4D 4WD Limited
25	0.0	34030015	Jeep Compass 4D 4WD Sport
3	0.0	34031008	Jeep Compass 4D 2WD Limited
17	0.0	34031015	Jeep Compass 4D 2WD Sport
1	0.0	34032008	Jeep Patriot 4D 2WD Limited
19	0.0	34032015	Jeep Patriot 4D 2WD Sport
6	0.0	34033008	Jeep Patriot 4D 4WD Limited
15	0.0	34033015	Jeep Patriot 4D 4WD Sport
1	0.0	34034034	Jeep Wrangler 4D 4x2 Unlimited Sahara
21	0.0	34035033	Jeep Wrangler 4D 4x4 Unlimited X
18	0.0	34035034	Jeep Wrangler 4D 4x4 Unlimited Sahara
4	0.0	34035035	Jeep Wrangler 4D 4x4 Unlimited Rubicon
2	0.0	35000000	International Unknown Series Model
149	0.1	36000000	Mercedes Benz Unknown Series Model
5	0.0	36001000	Mercedes Benz 240 D 4D
3	0.0	36002000	Mercedes Benz 300 CD 2D
20	0.0	36003000	Mercedes Benz 300 D 4D
7	0.0	36003004	Mercedes Benz 300 D 4D 2.5L
2	0.0	36004000	Mercedes Benz 300 TD SW
4	0.0	36007001	Mercedes Benz 380 SL Conv Roadster
1	0.0	36009000	Mercedes Benz 380 SEL 4D
13	0.0	36010000	Mercedes Benz 300 SD 4D
1	0.0	36012000	Mercedes Benz 380 SE 4D
2	0.0	36013002	Mercedes Benz 190 D 4D 2.2L
1	0.0	36013004	Mercedes Benz 190 D 4D 2.5L
23	0.0	36014003	Mercedes Benz 190 E 4D 2.3L
15	0.0	36014005	Mercedes Benz 190 E 4D 2.6L
2	0.0	36015000	Mercedes Benz 500 SEL 4D
42	0.0	36017000	Mercedes Benz 300 E 4D 2WD
8	0.0	36017005	Mercedes Benz 300 E 4D 2WD 2.6L
4	0.0	36017008	Mercedes Benz 300 E 4D 2WD 2.8L
15	0.0	36018000	Mercedes Benz 420 SEL 4D
6	0.0	36019000	Mercedes Benz 560 SEL 4D
1	0.0	36020000	Mercedes Benz 560 SEC 2D
4	0.0	36021001	Mercedes Benz 560 SL Conv Roadster

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
5	0.0	36023000	Mercedes Benz 300 SDL 4D
9	0.0	36024000	Mercedes Benz 260 E 4D
3	0.0	36025000	Mercedes Benz 300 CE 2D
4	0.0	36026000	Mercedes Benz 300 TE SW 2WD
3	0.0	36027000	Mercedes Benz 300 SEL 4D
14	0.0	36028000	Mercedes Benz 300 SE 4D
1	0.0	36029001	Mercedes Benz 300 SL Conv Roadster
3	0.0	36030001	Mercedes Benz 500 SL Conv Roadster
1	0.0	36031000	Mercedes Benz 300 E 4D 4WD
2	0.0	36032000	Mercedes Benz 300 TE SW 4WD
5	0.0	36033000	Mercedes Benz 350 SDL 4D
4	0.0	36035000	Mercedes Benz 400 E 4D
1	0.0	36037000	Mercedes Benz 400 SE 4D
22	0.0	36042009	Mercedes Benz C Class 4D 2WD 220
57	0.0	36042010	Mercedes Benz C Class 4D 2WD 280
28	0.0	36042011	Mercedes Benz C Class 4D 2WD 320
131	0.1	36042018	Mercedes Benz C Class 4D 2WD 230
80	0.0	36042026	Mercedes Benz C Class 4D 2WD 240
3	0.0	36042027	Mercedes Benz C Class 4D 2WD 32 AMG
3	0.0	36042033	Mercedes Benz C Class 4D 2WD 350
12	0.0	36042040	Mercedes Benz C Class 4D 2WD 300
202	0.1	36043011	Mercedes Benz E Class 4D 2WD 320
25	0.0	36043012	Mercedes Benz E Class 4D 2WD 420
17	0.0	36043013	Mercedes Benz E Class 4D 2WD 500
7	0.0	36043016	Mercedes Benz E Class 4D 2WD 300D
6	0.0	36043020	Mercedes Benz E Class 4D 2WD 300DT
30	0.0	36043021	Mercedes Benz E Class 4D 2WD 430
2	0.0	36043024	Mercedes Benz E Class 4D 2WD 55 AMG
13	0.0	36043031	Mercedes Benz E Class 4D 2WD 320CDI
19	0.0	36043033	Mercedes Benz E Class 4D 2WD 350
1	0.0	36043037	Mercedes Benz E Class 4D 2WD 320 Bluetec
11	0.0	36046011	Mercedes Benz E Class SW 2WD 320
9	0.0	36047011	Mercedes Benz S Class LWB 4D 2WD 320
6	0.0	36047012	Mercedes Benz S Class LWB 4D 2WD 420
62	0.0	36047013	Mercedes Benz S Class LWB 4D 2WD 500
1	0.0	36047014	Mercedes Benz S Class LWB 4D 2WD 600
47	0.0	36047021	Mercedes Benz S Class LWB 4D 2WD 430
7	0.0	36047024	Mercedes Benz S Class LWB 4D 2WD 55 AMG
7	0.0	36047034	Mercedes Benz S Class LWB 4D 2WD 550
1	0.0	36047036	Mercedes Benz S Class LWB 4D 2WD 63 AMG
9	0.0	36048011	Mercedes Benz S Class SWB 4D 2WD 320
1	0.0	36049013	Mercedes Benz S Class 2D 2WD 500
1	0.0	36049014	Mercedes Benz S Class 2D 2WD 600
1	0.0	36050011	Mercedes Benz SL Class Conv 320
18	0.0	36050013	Mercedes Benz SL Class Conv 500
2	0.0	36050014	Mercedes Benz SL Class Conv 600
2	0.0	36050024	Mercedes Benz SL Class Conv 55 AMG
3	0.0	36050034	Mercedes Benz SL Class Conv 550
2	0.0	36051010	Mercedes Benz SLK Class Conv 280
6	0.0	36051011	Mercedes Benz SLK Class Conv 320
23	0.0	36051018	Mercedes Benz SLK Class Conv 230
3	0.0	36051033	Mercedes Benz SLK Class Conv 350

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
34	0.0	36052011	Mercedes Benz E Class 4D 4WD 320
14	0.0	36052013	Mercedes Benz E Class 4D 4WD 500
7	0.0	36052021	Mercedes Benz E Class 4D 4WD 430
31	0.0	36052033	Mercedes Benz E Class 4D 4WD 350
1	0.0	36052034	Mercedes Benz E Class 4D 4WD 550
16	0.0	36053011	Mercedes Benz E Class SW 4WD 320
1	0.0	36053013	Mercedes Benz E Class SW 4WD 500
3	0.0	36053033	Mercedes Benz E Class SW 4WD 350
41	0.0	36054011	Mercedes Benz CLK Class 2D 320
7	0.0	36054013	Mercedes Benz CLK Class 2D 500
15	0.0	36054021	Mercedes Benz CLK Class 2D 430
8	0.0	36054033	Mercedes Benz CLK Class 2D 350
8	0.0	36055013	Mercedes Benz CL Class 2D 500
3	0.0	36055014	Mercedes Benz CL Class 2D 600
1	0.0	36055024	Mercedes Benz CL Class 2D 55 AMG
128	0.1	36056019	Mercedes Benz M Class 4D 4x4 ML320
23	0.0	36056023	Mercedes Benz M Class 4D 4x4 ML430
1	0.0	36056025	Mercedes Benz M Class 4D 4x4 ML55 AMG
22	0.0	36056028	Mercedes Benz M Class 4D 4x4 ML500
73	0.0	36056030	Mercedes Benz M Class 4D 4x4 ML350
4	0.0	36056031	Mercedes Benz M Class 4D 4x4 320 CDI
2	0.0	36056041	Mercedes Benz M Class 4D 4x4 ML550
25	0.0	36057011	Mercedes Benz CLK Class Conv 320
4	0.0	36057013	Mercedes Benz CLK Class Conv 500
7	0.0	36057021	Mercedes Benz CLK Class Conv 430
2	0.0	36057024	Mercedes Benz CLK Class Conv 55 AMG
5	0.0	36057033	Mercedes Benz CLK Class Conv 350
1	0.0	36057034	Mercedes Benz CLK Class Conv 550
1	0.0	36059011	Mercedes Benz C Class 2D 2WD 320
32	0.0	36059018	Mercedes Benz C Class 2D 2WD 230
2	0.0	36060013	Mercedes Benz G Class 4D 4WD 500
19	0.0	36063010	Mercedes Benz C Class 4D 4WD 280
7	0.0	36063011	Mercedes Benz C Class 4D 4WD 320
21	0.0	36063026	Mercedes Benz C Class 4D 4WD 240
3	0.0	36063033	Mercedes Benz C Class 4D 4WD 350
11	0.0	36063040	Mercedes Benz C Class 4D 4WD 300
1	0.0	36064011	Mercedes Benz C Class SW 4WD 320
4	0.0	36064026	Mercedes Benz C Class SW 4WD 240
8	0.0	36065013	Mercedes Benz S Class LWB 4D 4WD 500
6	0.0	36065021	Mercedes Benz S Class LWB 4D 4WD 430
3	0.0	36065034	Mercedes Benz S Class LWB 4D 4WD 550
12	0.0	36067013	Mercedes Benz CLS Class 4D 500
11	0.0	36067034	Mercedes Benz CLS Class 4D 550
1	0.0	36067036	Mercedes Benz CLS Class 4D 63 AMG
1	0.0	36068013	Mercedes Benz R Class 4D 4WD 500
4	0.0	36068031	Mercedes Benz R Class 4D 4WD 320 CDI
11	0.0	36068033	Mercedes Benz R Class 4D 4WD 350
1	0.0	36068036	Mercedes Benz R Class 4D 4WD 63 AMG
2	0.0	36069031	Mercedes Benz GL Class 4D 4WD 320 CDI
2	0.0	36069034	Mercedes Benz GL Class 4D 4WD 550
21	0.0	36069035	Mercedes Benz GL Class 4D 4WD 450
1	0.0	36914000	Mercedes Benz 220/220D 4D

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
137	0.1	37000000	BMW Unknown Series Model
3	0.0	37001000	BMW 320 I 2D
91	0.1	37002000	BMW 528 I 4D 2WD
1	0.0	37003000	BMW 633 CSI 2D
3	0.0	37005000	BMW 528 E 4D
1	0.0	37006000	BMW 533 I 4D 2WD
23	0.0	37007000	BMW 318 I/318 IS 2D
18	0.0	37008000	BMW 325/325 E/325 ES 2D
17	0.0	37009000	BMW 535 I/535 IS 4D 2WD
3	0.0	37010000	BMW 635 CSI/L6 2D
4	0.0	37011000	BMW 735 I 4D
24	0.0	37012000	BMW 318 I 4D
8	0.0	37013000	BMW 325/325 E 4D
1	0.0	37014000	BMW 524 TD 4D
175	0.1	37016000	BMW 325 I 4D
3	0.0	37016005	BMW 325 I 4D SULEV
54	0.0	37017000	BMW 325 I/IS/CI 2D
1	0.0	37017005	BMW 325 I/IS/CI 2D SULEV
33	0.0	37018000	BMW 325 I/IS/CI Conv
1	0.0	37019000	BMW M6 2D
20	0.0	37020000	BMW M3/M3 CI 2D
6	0.0	37021000	BMW M5 4D
3	0.0	37022000	BMW 750 IL 4D
2	0.0	37023000	BMW 325 IX 2D 4WD
3	0.0	37024000	BMW 325 IX 4D 4WD
2	0.0	37025000	BMW 735 IL 4D
105	0.1	37026000	BMW 525 I 4D 2WD
13	0.0	37027000	BMW 318 I/IC Conv
5	0.0	37029000	BMW 525 IT SW 2WD
20	0.0	37030000	BMW 740 I 4D
63	0.0	37031000	BMW 740 IL 4D
72	0.0	37032000	BMW 530 I 4D 2WD
1	0.0	37033000	BMW 530 IT SW 2WD
28	0.0	37034000	BMW 540 I 4D 2WD
12	0.0	37035000	BMW 318 TI 3D
33	0.0	37037000	BMW 328 IS/CI 2D
63	0.0	37038000	BMW 328 I 4D
14	0.0	37039000	BMW 328 IC Conv
6	0.0	37040000	BMW Z3 Roadster 1.9 Conv
7	0.0	37041000	BMW M3 4D
7	0.0	37042000	BMW Z3 Roadster 2.8 Conv
14	0.0	37043000	BMW 323 IS/CI 2D
10	0.0	37044000	BMW 323 IC/CI Conv
11	0.0	37045000	BMW M3/M3 CI Conv
1	0.0	37047000	BMW M Coupe 2D
45	0.0	37048000	BMW 323 I 4D
5	0.0	37049000	BMW Z3 Roadster 2.3 Conv
3	0.0	37051000	BMW 528 IT SW 2WD
2	0.0	37052000	BMW 540 IT SW 2WD
1	0.0	37053000	BMW 323 I SW
28	0.0	37055002	BMW X5 4D 4WD 4.4I
67	0.0	37055003	BMW X5 4D 4WD 3.0I



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
3	0.0	37055004	BMW X5 4D 4WD 4.6IS
2	0.0	37055007	BMW X5 4D 4WD 4.8IS
10	0.0	37055008	BMW X5 4D 4WD 3.0SI
6	0.0	37055009	BMW X5 4D 4WD 4.8I
21	0.0	37056000	BMW 330 CI Conv
14	0.0	37057000	BMW 330 CI 2D
39	0.0	37058000	BMW 330 I 4D
1	0.0	37059000	BMW Z3 Roadster 3.0 Conv
24	0.0	37061000	BMW 745 I 4D
5	0.0	37062000	BMW 325 IT SW
34	0.0	37063000	BMW 745 LI 4D
51	0.0	37064000	BMW 325 XI 4D 4WD
2	0.0	37065000	BMW Z3 Roadster 2.5 Conv
2	0.0	37066000	BMW 325 XIT SW 4WD
24	0.0	37067000	BMW 330 XI 4D 4WD
16	0.0	37069003	BMW Z4 Roadster Conv 3.0I
11	0.0	37069006	BMW Z4 Roadster Conv 2.5I
3	0.0	37069008	BMW Z4 Roadster Conv 3.0SI
27	0.0	37070003	BMW X3 4D 4WD 3.0I
22	0.0	37070006	BMW X3 4D 4WD 2.5I
15	0.0	37070008	BMW X3 4D 4WD 3.0 SI
3	0.0	37071000	BMW 645 CI 2D
3	0.0	37072000	BMW 645 CI Conc
8	0.0	37073000	BMW 545 I 4D 2WD
13	0.0	37075000	BMW 750 LI 4D
6	0.0	37076000	BMW 525 XI 4D 4WD
11	0.0	37077000	BMW 530 XI 4D 4WD
8	0.0	37079000	BMW 750 I 4D
5	0.0	37081000	BMW 650 CI Conv
6	0.0	37082000	BMW 550 I 4D 2WD
1	0.0	37083005	BMW 128 I 2D SULEV
1	0.0	37084000	BMW Z4 M Coupe
1	0.0	37085000	BMW Z4 M Roadster Conv
1	0.0	37086008	BMW Z4 Coupe 3.0SI
8	0.0	37087000	BMW 328 XI 2D 4WD
3	0.0	37087005	BMW 328 XI 2D 4WD SULEV
12	0.0	37088000	BMW 328 XI 4D 4WD
1	0.0	37089000	BMW 328 I SW
2	0.0	37090000	BMW 328 I SW 4WD
4	0.0	37091000	BMW 325 I Conv
6	0.0	37092000	BMW 325 I 2D
5	0.0	37093000	BMW 325 I 4D
2	0.0	37094000	BMW 325 XI 4D 4WD
6	0.0	37096000	BMW 528 XI 4D 4WD
5	0.0	37097000	BMW 535 XI 4D 4WD
1	0.0	37099000	BMW 335 XI 2D 4WD
2	0.0	37100000	BMW 135 I 2D
1	0.0	37901000	BMW 530 I 4D
11	0.0	38000000	Renault/Eagle Unknown Series Model
1	0.0	38016010	Renault/Eagle Premier 4D ES
1	0.0	38017018	Renault/Eagle Summit 4D ES/ESI
6	0.0	38018000	Renault/Eagle Talon 2D 2WD

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
3	0.0	38018003	Renault/Eagle Talon 2D 2WD DL
4	0.0	38018010	Renault/Eagle Talon 2D 2WD ES
10	0.0	38018015	Renault/Eagle Talon 2D 2WD ESI
5	0.0	38018016	Renault/Eagle Talon 2D 2WD TSI Turbo
7	0.0	38019017	Renault/Eagle Talon 2D 4WD TSI Turbo AWD
1	0.0	38020010	Renault/Eagle Summit 2D ES
2	0.0	38022013	Renault/Eagle Summit SW 4WD AWD
5	0.0	38023011	Renault/Eagle Vision 4D TSI
19	0.0	38023015	Renault/Eagle Vision 4D ESI
17	0.0	39000000	Saab Unknown Series Model
6	0.0	39001001	Saab 900 2D S
2	0.0	39001002	Saab 900 2D Turbo
1	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
2	0.0	39001018	Saab 900 2D S Turbo
10	0.0	39002001	Saab 900 4D S
2	0.0	39002004	Saab 900 4D Base/S
4	0.0	39002011	Saab 900 4D S/SE
10	0.0	39002012	Saab 900 4D SE
1	0.0	39002017	Saab 900 4D SE Turbo
1	0.0	39003003	Saab 9000 4D CD
4	0.0	39003007	Saab 9000 4D CS/CSE
1	0.0	39003009	Saab 9000 4D CS Turbo/CSE Turbo
1	0.0	39003010	Saab 9000 4D CS Turbo/CSE Turbo/Aero
6	0.0	39003015	Saab 9000 4D CSE
1	0.0	39003016	Saab 9000 4D Aero
6	0.0	39004001	Saab 900 Conv S
3	0.0	39004002	Saab 900 Conv Turbo
4	0.0	39004012	Saab 900 Conv SE
2	0.0	39004017	Saab 900 Conv SE Turbo
9	0.0	39005000	Saab 9-3 4D
7	0.0	39005001	Saab 9-3 4D S
8	0.0	39005012	Saab 9-3 4D SE
2	0.0	39005016	Saab 9-3 4D Aero
31	0.0	39005020	Saab 9-3 4D Linear
7	0.0	39005022	Saab 9-3 4D ARC
2	0.0	39005023	Saab 9-3 4D Vector
12	0.0	39005024	Saab 9-3 4D 2.0T
1	0.0	39006001	Saab 9-3 2D S
2	0.0	39007000	Saab 9-3 Conv
3	0.0	39007001	Saab 9-3 Conv S
25	0.0	39007012	Saab 9-3 Conv SE
2	0.0	39007016	Saab 9-3 Conv Aero
1	0.0	39007020	Saab 9-3 Conv Linear
2	0.0	39007021	Saab 9-3 Conv Viggen
3	0.0	39007022	Saab 9-3 Conv ARC
2	0.0	39007024	Saab 9-3 Conv 2.0T
13	0.0	39008000	Saab 9-5 4D
6	0.0	39008012	Saab 9-5 4D SE
8	0.0	39008016	Saab 9-5 4D Aero
5	0.0	39008020	Saab 9-5 4D Linear

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
9	0.0	39008022	Saab 9-5 4D ARC
2	0.0	39008025	Saab 9-5 4D 2.3T
2	0.0	39009000	Saab 9-5 SW
4	0.0	39009012	Saab 9-5 SW SE
3	0.0	39009016	Saab 9-5 SW Aero
2	0.0	39009020	Saab 9-5 SW Linear
1	0.0	39009022	Saab 9-5 SW ARC
2	0.0	39010000	Saab 9-2X Linear SW 4WD
3	0.0	39012000	Saab 9-7X 4D 4x4
1	0.0	39014028	Saab 9-3 SW 2WD 2.0T Sportcombi
1	0.0	42027000	Ferrari 575 MM/MM FI
25	0.0	44000000	Jaguar Unknown Series Model
23	0.0	44001000	Jaguar XJ6 4D
5	0.0	44001001	Jaguar XJ6 4D VDP
2	0.0	44001002	Jaguar XJ6 4D VDP Majestic
2	0.0	44001004	Jaguar XJ6 4D Sovereign
1	0.0	44002000	Jaguar XJ-S 2D
1	0.0	44004000	Jaguar XJ-S Conv
1	0.0	44007000	Jaguar XJ12 SWB 4D
3	0.0	44008000	Jaguar XJR 4D
18	0.0	44009000	Jaguar XJ VDP 4D
1	0.0	44009005	Jaguar XJ VDP 4D Supercharged
6	0.0	44011000	Jaguar XJ16 LWB 4D
1	0.0	44012000	Jaguar XK8 2D
5	0.0	44013000	Jaguar XK8 Conv
22	0.0	44014000	Jaguar XJ8 SWB 4D
1	0.0	44014012	Jaguar XJ8 SWB 4D Sport
8	0.0	44015000	Jaguar XJ8 LWB 4D
43	0.0	44016006	Jaguar S-Type 4D 3.0 V6
15	0.0	44016007	Jaguar S-Type 4D 4.0 V8
4	0.0	44016014	Jaguar S-Type 4D 4.2 V8
1	0.0	44017000	Jaguar XKR 2D
1	0.0	44018000	Jaguar XKR Conv
35	0.0	44019006	Jaguar X-Type 4D 4WD 3.0 V6
32	0.0	44019008	Jaguar X-Type 4D 4WD 2.5 V6
2	0.0	44019011	Jaguar X-Type 4D 4WD 3.0 V6 Sport
7	0.0	44019017	Jaguar X-Type 4D 4WD 3.0 V6 ULEV
1	0.0	44020005	Jaguar XJ Super V8 LWD 4D Supercharged
3	0.0	44021000	Jaguar XK 2D
4	0.0	44022000	Jaguar XJ VDP LWB 4D
1	0.0	44023017	Jaguar X-Type Sportwagon 4WD 3.0 V6 ULEV
1	0.0	44024000	Jaguar XK Conv
1	0.0	44025019	Jaguar XF 4D Premium Luxury
2	0.0	45001002	Alfa Romeo Spider Conv Veloce
1	0.0	47019000	Bentley Continental GTC Conv
1	0.0	49001000	Delorean Delorean 2D
150	0.1	51000000	Mitsubishi Unknown Series Model
3	0.0	51004001	Mitsubishi Pickup STD 4x2 Mighty Max (Economy)
1	0.0	51004009	Mitsubishi Pickup STD 4x2 Mighty Max Sport
1	0.0	51005001	Mitsubishi Pickup STD 4x4 Mighty Max (Economy)
1	0.0	51005006	Mitsubishi Pickup STD 4x4 High (SP)
2	0.0	51007000	Mitsubishi Galant 4D 2WD

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
1	0.0	51007004	Mitsubishi Galant 4D 2WD High/Premium (L/LS)
16	0.0	51007013	Mitsubishi Galant 4D 2WD LS
2	0.0	51007021	Mitsubishi Galant 4D 2WD LS/GS/GSR
26	0.0	51007031	Mitsubishi Galant 4D 2WD S
39	0.0	51007032	Mitsubishi Galant 4D 2WD ES
145	0.1	51007033	Mitsubishi Galant 4D 2WD ES/LS
7	0.0	51007034	Mitsubishi Galant 4D 2WD GS/ES/LS
56	0.0	51007037	Mitsubishi Galant 4D 2WD DE
313	0.2	51007039	Mitsubishi Galant 4D 2WD ES/GTZ
4	0.0	51007046	Mitsubishi Galant 4D 2WD GTS
108	0.1	51007048	Mitsubishi Galant 4D 2WD ES/GTZ/LS
1	0.0	51007053	Mitsubishi Galant 4D 2WD Ralliart
56	0.0	51007062	Mitsubishi Galant 4D 2WD ES/SE/GTS
9	0.0	51007063	Mitsubishi Galant 4D 2WD ES/GTS
1	0.0	51007067	Mitsubishi Galant 4D 2WD Sport V6
9	0.0	51007069	Mitsubishi Galant 4D 2WD ES Sport
17	0.0	51008013	Mitsubishi Mirage 2D LS
6	0.0	51008031	Mitsubishi Mirage 2D S
42	0.0	51008037	Mitsubishi Mirage 2D DE
1	0.0	51009000	Mitsubishi Mirage 4D
13	0.0	51009013	Mitsubishi Mirage 4D LS
22	0.0	51009032	Mitsubishi Mirage 4D ES
53	0.0	51009037	Mitsubishi Mirage 4D DE
4	0.0	51014013	Mitsubishi Montero Sport 4D 4x2 LS
5	0.0	51014032	Mitsubishi Montero Sport 4D 4x2 ES
18	0.0	51014033	Mitsubishi Montero Sport 4D 4x2 ES/LS
3	0.0	51014038	Mitsubishi Montero Sport 4D 4x2 XLS
6	0.0	51014040	Mitsubishi Montero Sport 4D 4x2 LS/XLS
1	0.0	51014041	Mitsubishi Montero Sport 4D 4x2 Limited
1	0.0	51014044	Mitsubishi Montero Sport 4D 4x2 XS/XLS
8	0.0	51015013	Mitsubishi Montero Sport 4D 4x4 LS
23	0.0	51015033	Mitsubishi Montero Sport 4D 4x4 ES/LS
18	0.0	51015038	Mitsubishi Montero Sport 4D 4x4 XLS
18	0.0	51015040	Mitsubishi Montero Sport 4D 4x4 LS/XLS
10	0.0	51015041	Mitsubishi Montero Sport 4D 4x4 Limited
6	0.0	51015044	Mitsubishi Montero Sport 4D 4x4 XS/XLS
1	0.0	51018004	Mitsubishi Sigma 4D High/Premium (L/LS)
5	0.0	51021000	Mitsubishi Montero 4D 4x4
5	0.0	51021013	Mitsubishi Montero 4D 4x4 LS
2	0.0	51021027	Mitsubishi Montero 4D 4x4 Base/RS
5	0.0	51021030	Mitsubishi Montero 4D 4x4 SR
10	0.0	51021038	Mitsubishi Montero 4D 4x4 XLS
13	0.0	51021041	Mitsubishi Montero 4D 4x4 Limited
8	0.0	51022000	Mitsubishi Eclipse 2D 2WD
75	0.0	51022014	Mitsubishi Eclipse 2D 2WD RS
171	0.1	51022015	Mitsubishi Eclipse 2D 2WD GS
9	0.0	51022023	Mitsubishi Eclipse 2D 2WD GS Turbo
82	0.0	51022042	Mitsubishi Eclipse 2D 2WD GT
14	0.0	51022046	Mitsubishi Eclipse 2D 2WD GTS
9	0.0	51022059	Mitsubishi Eclipse 2D 2WD SE
4	0.0	51023024	Mitsubishi Eclipse 2D 4WD GSX Turbo
11	0.0	51026000	Mitsubishi 3000GT 2D 2WD

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
6	0.0	51026026	Mitsubishi 3000GT 2D 2WD SL
2	0.0	51027025	Mitsubishi 3000GT 4D 4WD VR-4
10	0.0	51028000	Mitsubishi Diamante 4D
47	0.0	51028013	Mitsubishi Diamante 4D LS
23	0.0	51028032	Mitsubishi Diamante 4D ES
5	0.0	51028049	Mitsubishi Diamante 4D VR-X
3	0.0	51029000	Mitsubishi Expo SW 2WD
1	0.0	51029028	Mitsubishi Expo SW 2WD Fleet
2	0.0	51031000	Mitsubishi Expo LRV SW 2WD
1	0.0	51035025	Mitsubishi 3000GT Spyder Conv 4WD VR-4 Turbo
38	0.0	51036035	Mitsubishi Eclipse Conv 2WD Spyder GS
1	0.0	51036036	Mitsubishi Eclipse Conv 2WD Spyder GS-T
11	0.0	51036043	Mitsubishi Eclipse Conv 2WD Spyder GT
5	0.0	51036047	Mitsubishi Eclipse Conv 2WD Spyder GTS
7	0.0	51036054	Mitsubishi Eclipse Conv 2WD GT Premium
5	0.0	51037013	Mitsubishi Lancer 4D LS
151	0.1	51037032	Mitsubishi Lancer 4D ES
3	0.0	51037033	Mitsubishi Lancer 4D ES/LS
6	0.0	51037037	Mitsubishi Lancer 4D DE
41	0.0	51037045	Mitsubishi Lancer 4D Oz-Rally
10	0.0	51037046	Mitsubishi Lancer 4D GTS
1	0.0	51037051	Mitsubishi Lancer 4D Base/ES
9	0.0	51037053	Mitsubishi Lancer 4D Ralliart
1	0.0	51037068	Mitsubishi Lancer 4D ES/ES Sport
15	0.0	51038013	Mitsubishi Outlander 4D 2WD LS
5	0.0	51038033	Mitsubishi Outlander 4D 2WD ES/LS
7	0.0	51038038	Mitsubishi Outlander 4D 2WD XLS
2	0.0	51038041	Mitsubishi Outlander 4D 2WD Limited
1	0.0	51038059	Mitsubishi Outlander 4D 2WD SE
14	0.0	51039013	Mitsubishi Outlander 4D 4WD LS
16	0.0	51039038	Mitsubishi Outlander 4D 4WD XLS
6	0.0	51039059	Mitsubishi Outlander 4D 4WD SE
9	0.0	51040000	Mitsubishi Lancer Evolution 4D 4WD
1	0.0	51040014	Mitsubishi Lancer Evolution 4D 4WD RS
2	0.0	51040056	Mitsubishi Lancer Evolution 4D 4WD MR
10	0.0	51040061	Mitsubishi Lancer Evolution 4D 4WD GSR/MR
17	0.0	51041013	Mitsubishi Endeavor 4D 2WD LS
4	0.0	51041038	Mitsubishi Endeavor 4D 2WD XLS
1	0.0	51041041	Mitsubishi Endeavor 4D 2WD Limited
3	0.0	51041059	Mitsubishi Endeavor 4D 2WD SE
28	0.0	51042013	Mitsubishi Endeavor 4D 4WD LS
6	0.0	51042038	Mitsubishi Endeavor 4D 4WD XLS
6	0.0	51042041	Mitsubishi Endeavor 4D 4WD Limited
1	0.0	51042059	Mitsubishi Endeavor 4D 4WD SE
1	0.0	51043013	Mitsubishi Lancer SW LS
3	0.0	51044013	Mitsubishi Raider Ext Cab PU 4x2 LS
3	0.0	51046013	Mitsubishi Raider Db1 Cab PU 4x2 LS
1	0.0	51047013	Mitsubishi Raider Db1 Cab PU 4x4 LS
1	0.0	51047038	Mitsubishi Raider Db1 Cab PU 4x4 XLS
1	0.0	52003000	Lotus Esprit V8 2D
1	0.0	52004000	Lotus Elise Conv
186	0.1	54000000	Hyundai Unknown Series Model

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
2	0.0	54001001	Hyundai Excel 4D GL
3	0.0	54002000	Hyundai Excel 2D
136	0.1	54003000	Hyundai Sonata 4D
77	0.0	54003001	Hyundai Sonata 4D GL
210	0.1	54003002	Hyundai Sonata 4D GLS
9	0.0	54003010	Hyundai Sonata 4D Base/GL
321	0.2	54003014	Hyundai Sonata 4D GLS/LX
82	0.0	54003025	Hyundai Sonata 4D SE/Limited
1	0.0	54004000	Hyundai Scoupe 2D
25	0.0	54005000	Hyundai Elantra 4D
32	0.0	54005001	Hyundai Elantra 4D GL
226	0.1	54005002	Hyundai Elantra 4D GLS
51	0.0	54005013	Hyundai Elantra 4D GT Hatchback
304	0.2	54005017	Hyundai Elantra 4D GLS/GT
24	0.0	54005018	Hyundai Elantra 4D GLS/GT Hatchback
113	0.1	54005020	Hyundai Elantra 4D GLS/GT/Limited
7	0.0	54005021	Hyundai Elantra 4D GLS/GT/Limited Hatchback
116	0.1	54005024	Hyundai Elantra 4D GLS/SE/Limited
80	0.0	54005028	Hyundai Elantra 4D GLS/SE
9	0.0	54006000	Hyundai Accent 2D
17	0.0	54006001	Hyundai Accent 2D GL
85	0.0	54006004	Hyundai Accent 2D GS
26	0.0	54006006	Hyundai Accent 2D L
9	0.0	54006008	Hyundai Accent 2D Base/L
6	0.0	54006009	Hyundai Accent 2D GS/GT
1	0.0	54006012	Hyundai Accent 2D GS/GSI
17	0.0	54006016	Hyundai Accent 2D GL/GT
24	0.0	54006017	Hyundai Accent 2D GLS/GT
14	0.0	54006027	Hyundai Accent 2D SE
18	0.0	54007000	Hyundai Accent 4D
160	0.1	54007001	Hyundai Accent 4D GL
93	0.1	54007002	Hyundai Accent 4D GLS
1	0.0	54008000	Hyundai Elantra SW
9	0.0	54008001	Hyundai Elantra SW GL
22	0.0	54008002	Hyundai Elantra SW GLS
73	0.0	54009000	Hyundai Tiburon 2D
37	0.0	54009004	Hyundai Tiburon 2D GS
6	0.0	54009011	Hyundai Tiburon 2D FX
38	0.0	54009015	Hyundai Tiburon 2D GT V6
15	0.0	54009019	Hyundai Tiburon 2D GT/SE
15	0.0	54009026	Hyundai Tiburon 2D GT/SE/GT Limited
28	0.0	54010000	Hyundai Santa Fe 4D 2WD/4WD
9	0.0	54011000	Hyundai XG300 4D
46	0.0	54012000	Hyundai XG350 4D
9	0.0	54013002	Hyundai Santa Fe 4D 4WD GLS
143	0.1	54013014	Hyundai Santa Fe 4D 4WD GLS/LX
19	0.0	54013022	Hyundai Santa Fe 4D 4WD GLS/Limited
14	0.0	54013025	Hyundai Santa Fe 4D 4WD SE/Limited
86	0.0	54014000	Hyundai Santa Fe 4D 2WD
25	0.0	54014002	Hyundai Santa Fe 4D 2WD GLS
97	0.1	54014014	Hyundai Santa Fe 4D 2WD GLS/LX
7	0.0	54014022	Hyundai Santa Fe 4D 2WD GLS/Limited

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
34	0.0	54014025	Hyundai Santa Fe 4D 2WD SE/Limited
26	0.0	54015001	Hyundai Tuscon 4D 2WD GL
22	0.0	54015002	Hyundai Tuscon 4D 2WD GLS
9	0.0	54015014	Hyundai Tuscon 4D 2WD GLS/LX
10	0.0	54015022	Hyundai Tuscon 4D 2WD GLS/Limited
13	0.0	54015025	Hyundai Tuscon 4D 2WD SE/Limited
2	0.0	54016002	Hyundai Tuscon 4D 4WD GLS
16	0.0	54016014	Hyundai Tuscon 4D 4WD GLS/LX
13	0.0	54016022	Hyundai Tuscon 4D 4WD GLS/Limited
8	0.0	54016025	Hyundai Tuscon 4D 4WD SE/Limited
1	0.0	54017022	Hyundai Azera 4D GLS/Limited
8	0.0	54017024	Hyundai Azera 4D GLS/SE/Limited
15	0.0	54017025	Hyundai Azera 4D SE/Limited
15	0.0	54018024	Hyundai Entourage Van GLS/SE/Limited
15	0.0	54019024	Hyundai Veracruz 4D 2WD GLS/SE/Limited
4	0.0	54020024	Hyundai Veracruz 4D 4WD GLS/SE/Limited
51	0.0	55000000	Suzuki Unknown Series Model
3	0.0	55003001	Suzuki Samurai 2D 4x4 Convertible
2	0.0	55004002	Suzuki Samurai Van 2D 4x4 Hardtop
5	0.0	55007000	Suzuki Swift 2D
1	0.0	55008000	Suzuki Swift 4D
1	0.0	55012001	Suzuki Sidekick 2D 4x2 Convertible
3	0.0	55013001	Suzuki Sidekick 2D 4x4 Convertible
6	0.0	55014002	Suzuki Sidekick 4D 4x4 Hardtop
8	0.0	55014005	Suzuki Sidekick 4D 4x4 Sport
40	0.0	55016000	Suzuki Esteem 4D
8	0.0	55019000	Suzuki Esteem SW
7	0.0	55022002	Suzuki Vitara 4D 4x2 Hardtop
8	0.0	55023002	Suzuki Vitara 4D 4x4 Hardtop
12	0.0	55024002	Suzuki Grand Vitara 4D 4x2 Hardtop
48	0.0	55025002	Suzuki Grand Vitara 4D 4x4 Hardtop
8	0.0	55026002	Suzuki Gr Vitara XL-7 4D 4x2 Hardtop
73	0.0	55027002	Suzuki Gr Vitara XL-7 4D 4x4 Hardtop
27	0.0	55028000	Suzuki Aerio 4D 2WD
4	0.0	55030000	Suzuki Aerio SX SW 2WD
6	0.0	55031000	Suzuki Aerio SX SW 4WD
47	0.0	55032000	Suzuki Forenza 4D
30	0.0	55032009	Suzuki Forenza 4D S
5	0.0	55032010	Suzuki Forenza 4D LX/EX
3	0.0	55032012	Suzuki Forenza 4D Premium
11	0.0	55033007	Suzuki Verona 4D S/LX
9	0.0	55033008	Suzuki Verona 4D EX
1	0.0	55033013	Suzuki Verona 4D Luxury
5	0.0	55034000	Suzuki Reno 5D
2	0.0	55034009	Suzuki Reno 5D S
1	0.0	55034010	Suzuki Reno 5D LX/EX
3	0.0	55035000	Suzuki Forenza SW
1	0.0	55035009	Suzuki Forenza SW S
1	0.0	55035010	Suzuki Forenza SW LX/EX
3	0.0	55037000	Suzuki SX4 SW 4WD
3	0.0	55037005	Suzuki SX4 SW 4WD Sport
3	0.0	55037015	Suzuki SX4 SW 4WD Touring

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
2	0.0	55038000	Suzuki XL7 4D 2WD
1	0.0	55038014	Suzuki XL7 4D 2WD Limited
1	0.0	55039000	Suzuki XL7 4D 4WD
7	0.0	55039013	Suzuki XL7 4D 4WD Luxury
2	0.0	55039014	Suzuki XL7 4D 4WD Limited
3	0.0	55040000	Suzuki SX4 4D 2WD
4	0.0	56002000	Maserati Quattroporte 4D
184	0.1	57000000	Acura Unknown Series Model
9	0.0	57001000	Acura Legend 4D
53	0.0	57001002	Acura Legend 4D LS
2	0.0	57001003	Acura Legend 4D Sunroof
76	0.0	57001006	Acura Legend 4D L
5	0.0	57001007	Acura Legend 4D GS
1	0.0	57001011	Acura Legend 4D SE
34	0.0	57002001	Acura Integra 2D RS
153	0.1	57002002	Acura Integra 2D LS
14	0.0	57002005	Acura Integra 2D LS Special
53	0.0	57002007	Acura Integra 2D GS
23	0.0	57002009	Acura Integra 2D GS-R
1	0.0	57002013	Acura Integra 2D Type-R
12	0.0	57003001	Acura Integra 4D RS
63	0.0	57003002	Acura Integra 4D LS
5	0.0	57003005	Acura Integra 4D LS Special
18	0.0	57003007	Acura Integra 4D GS
9	0.0	57003009	Acura Integra 4D GS-R
1	0.0	57004000	Acura Legend 2D
13	0.0	57004002	Acura Legend 2D LS
1	0.0	57004003	Acura Legend 2D Sunroof
1	0.0	57004004	Acura Legend 2D Sunroof + Option
23	0.0	57004006	Acura Legend 2D L
1	0.0	57005000	Acura NSX 2D
2	0.0	57006002	Acura Vigor 4D LS
32	0.0	57006007	Acura Vigor 4D GS
2	0.0	57007000	Acura 2.5 TL 4D
35	0.0	57007012	Acura 2.5 TL 4D Premium
566	0.3	57008000	Acura 3.2 TL 4D
20	0.0	57008012	Acura 3.2 TL 4D Premium
39	0.0	57008015	Acura 3.2 TL 4D NAVI
67	0.0	57008016	Acura 3.2 TL 4D Type-S
24	0.0	57008017	Acura 3.2 TL 4D Type-S with NAVI
5	0.0	57009000	Acura SLX 4D 4x4
90	0.1	57010000	Acura 3.5 RL 4D
38	0.0	57010012	Acura 3.5 RL 4D Premium
43	0.0	57010015	Acura 3.5 RL 4D NAVI
5	0.0	57011000	Acura 2.2 CL 2D
16	0.0	57011012	Acura 2.2 CL 2D Premium
6	0.0	57012000	Acura 3.0 CL 2D
68	0.0	57012012	Acura 3.0 CL 2D Premium
2	0.0	57014000	Acura 2.3 CL 2D
23	0.0	57014012	Acura 2.3 CL 2D Premium
42	0.0	57015012	Acura 3.2 CL 2D Premium
51	0.0	57015016	Acura 3.2 CL 2D Type-S



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
21	0.0	57015017	Acura 3.2 CL 2D Type-S with NAVI
1	0.0	57015018	Acura 3.2 CL 2D Premium with NAVI
21	0.0	57016012	Acura MDX 4D 4WD Premium
7	0.0	57016014	Acura MDX 4D 4WD Sport
16	0.0	57016018	Acura MDX 4D 4WD Premium with NAVI
52	0.0	57016019	Acura MDX 4D 4WD STD
3	0.0	57016020	Acura MDX 4D 4WD STD with NAVI
27	0.0	57016022	Acura MDX 4D 4WD Touring
16	0.0	57016023	Acura MDX 4D 4WD Touring with RES
41	0.0	57016024	Acura MDX 4D 4WD Touring with NAVI
49	0.0	57016025	Acura MDX 4D 4WD Touring with NAVI + RES
31	0.0	57016026	Acura MDX 4D 4WD Technology Package
85	0.0	57017000	Acura RSX 2D
51	0.0	57017016	Acura RSX 2D Type-S
78	0.0	57018000	Acura TSX 4D
73	0.0	57018015	Acura TSX 4D NAVI
27	0.0	57019000	Acura 3.5 RL 4D 4WD
5	0.0	57019026	Acura 3.5 RL 4D 4WD Technology Package
7	0.0	57020000	Acura RDX 4D 4WD
16	0.0	57020026	Acura RDX 4D 4WD Technology Package
12	0.0	57021016	Acura 3.5 TL 4D Type-S
20	0.0	60000000	Land Rover Unknown Series Model
3	0.0	60001000	Land Rover Range Rover 4D SWB 4x4
3	0.0	60002000	Land Rover Range Rover 4D LWB 4x4
1	0.0	60003000	Land Rover Defender 2D 4x4
1	0.0	60004000	Land Rover Defender 90 2D 4x4
15	0.0	60005000	Land Rover Discovery 4D 4x4
9	0.0	60006001	Land Rover Range Rover 4.0 4D 4x4 SE
2	0.0	60007001	Land Rover Range Rover 4.6 4D 4x4 SE
13	0.0	60007002	Land Rover Range Rover 4.6 4D 4x4 HSE
22	0.0	60008000	Land Rover Discovery Series II 4D 4x4
45	0.0	60008001	Land Rover Discovery Series II 4D 4x4 SE
5	0.0	60008002	Land Rover Discovery Series II 4D 4x4 HSE
5	0.0	60008006	Land Rover Discovery Series II 4D 4x4 SD
5	0.0	60008008	Land Rover Discovery Series II 4D 4x4 S
9	0.0	60009001	Land Rover Freelander 4D 4x4 SE
2	0.0	60009002	Land Rover Freelander 4D 4x4 HSE
4	0.0	60009008	Land Rover Freelander 4D 4x4 S
45	0.0	60011002	Land Rover Range Rover 4D 4x4 HSE
1	0.0	60011009	Land Rover Range Rover 4D 4x4 Westminster
3	0.0	60012000	Land Rover LR3 4D 4x4
5	0.0	60012001	Land Rover LR3 4D 4x4 SE
4	0.0	60012002	Land Rover LR3 4D 4x4 HSE
1	0.0	60013000	Land Rover Range Rover Sport 4D 4x4
13	0.0	60013002	Land Rover Range Rover Sport 4D 4x4 HSE
7	0.0	60013011	Land Rover Range Rover Sport 4D 4X4 Supercharged 4.2
1	0.0	60014001	Land Rover LR2 4D 4x4 SE
1	0.0	60014002	Land Rover LR2 4D 4x4 HSE
3	0.0	60014010	Land Rover LR2 4D 4x4 SE + Tech Package
1	0.0	60014012	Land Rover LR2 4D 4x4 HSE + Tech Package
210	0.1	65000000	Lexus Unknown Series Model
115	0.1	65001000	Lexus LS 400 4D

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
5	0.0	65002000	Lexus ES 250 4D
30	0.0	65003000	Lexus SC 400 2D
12	0.0	65004000	Lexus SC 300 2D
388	0.2	65005000	Lexus ES 300 4D
111	0.1	65006000	Lexus GS 300 4D
3	0.0	65007000	Lexus LX 450 4D 4x4
20	0.0	65008000	Lexus GS 400 4D
38	0.0	65009000	Lexus LX 470 4D 4x4
13	0.0	65010000	Lexus RX 300 4D 2WD
148	0.1	65011000	Lexus RX 300 4D 4WD
53	0.0	65012000	Lexus IS 300 4D
89	0.1	65013000	Lexus LS 430 4D
9	0.0	65014000	Lexus GS 430 4D
16	0.0	65015000	Lexus SC 430 Conv
1	0.0	65016000	Lexus IS 300 Sportcross SW
60	0.0	65017000	Lexus GX 470 4D 4x4
4	0.0	65018000	Lexus RX 330 4D 2WD
102	0.1	65019000	Lexus RX 330 4D 4WD
30	0.0	65021000	Lexus RX 400H Hybrid 4D 4WD
107	0.1	65022000	Lexus ES 330 4D
23	0.0	65023000	Lexus GS 300 4D 4WD
11	0.0	65024000	Lexus IS 250 4D 2WD
39	0.0	65025000	Lexus IS 250 4D 4WD
8	0.0	65026000	Lexus IS 350 4D 2WD
19	0.0	65027000	Lexus LS 460 4D
101	0.1	65028000	Lexus ES 350 4D
63	0.0	65030000	Lexus RX 350 4D 4WD
1	0.0	65031000	Lexus GS 450H Hybrid 4D 2WD
17	0.0	65033000	Lexus GS 350 4D 4WD
4	0.0	65035000	Lexus LS 460 L 4D
1	0.0	65037000	Lexus LX 570 4D 4x4
87	0.0	66000000	Infiniti Unknown Series Model
2	0.0	66001000	Infiniti M30 2D
94	0.1	66002000	Infiniti Q45 4D
1	0.0	66003000	Infiniti M30 Conv
51	0.0	66004000	Infiniti G20 4D
62	0.0	66005000	Infiniti J30 4D
155	0.1	66006000	Infiniti I30 4D
52	0.0	66007000	Infiniti QX4 4D 4x4
1	0.0	66008000	Infiniti QX4 4D 4x2
51	0.0	66009000	Infiniti I35 4D
54	0.0	66010000	Infiniti G35 4D 2WD
110	0.1	66011000	Infiniti G35 2D 2WD
25	0.0	66012000	Infiniti M45 4D
1	0.0	66013000	Infiniti FX35 4D 2WD
38	0.0	66014000	Infiniti FX35 4D 4WD
4	0.0	66015000	Infiniti FX45 4D 4WD
17	0.0	66017000	Infiniti QX56 4D 4x4
63	0.0	66018001	Infiniti G35 4D 4WD X
7	0.0	66019000	Infiniti M35 4D 2WD
18	0.0	66020001	Infiniti M35 4D 4WD X
12	0.0	66021000	Infiniti G37 2D 2WD

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
1	0.0	66022001	Infiniti M45 4D 4WD X
1	0.0	66024000	Infiniti EX35 4D 4WD
1	0.0	66025000	Infiniti FX50 4D 4WD
136	0.1	67000000	Saturn Unknown Series Model
6	0.0	67001000	Saturn SC 2D
40	0.0	67001004	Saturn SC 2D SC1
62	0.0	67001005	Saturn SC 2D SC2
54	0.0	67002000	Saturn SL 4D
322	0.2	67002001	Saturn SL 4D SL1
407	0.2	67002002	Saturn SL 4D SL2
1	0.0	67002024	Saturn SL 4D Spring Special
12	0.0	67003006	Saturn SW SW1
58	0.0	67003007	Saturn SW SW2
42	0.0	67005008	Saturn SC 3D SC1 RAD
49	0.0	67005009	Saturn SC 3D SC2 RAD
8	0.0	67006000	Saturn LS 4D
19	0.0	67006010	Saturn LS 4D LS1
36	0.0	67006011	Saturn LS 4D LS2
14	0.0	67006014	Saturn LS 4D L100
80	0.0	67006015	Saturn LS 4D L200
52	0.0	67006016	Saturn LS 4D L300
1	0.0	67007012	Saturn LW LW1
3	0.0	67007013	Saturn LW LW2
5	0.0	67007017	Saturn LW LW200
2	0.0	67007018	Saturn LW LW300
73	0.0	67008019	Saturn Vue 4D 2WD 4 Cyl
48	0.0	67008020	Saturn Vue 4D 2WD 6 Cyl
1	0.0	67008025	Saturn Vue 4D 2WD Red Line
11	0.0	67008028	Saturn Vue 4D 2WD XE
3	0.0	67008029	Saturn Vue 4D 2WD XR
10	0.0	67009019	Saturn Vue 4D 4WD 4 Cyl
58	0.0	67009020	Saturn Vue 4D 4WD 6 Cyl
2	0.0	67009028	Saturn Vue 4D 4WD XE
1	0.0	67009029	Saturn Vue 4D 4WD XR
20	0.0	67010022	Saturn Ion Quad Coupe 2D Level 3
20	0.0	67010023	Saturn Ion Quad Coupe 2D Level 3
1	0.0	67010025	Saturn Ion Quad Coupe 2D Red Line
41	0.0	67011021	Saturn Ion 4D Level 1
194	0.1	67011022	Saturn Ion 4D Level 3
49	0.0	67011023	Saturn Ion 4D Level 3
5	0.0	67013000	Saturn Relay Van LWB 2WD
32	0.0	67018028	Saturn Aura 4D XE
9	0.0	67018029	Saturn Aura 4D XR
6	0.0	67019000	Saturn Sky Conv
6	0.0	67020028	Saturn Outlook 4D 2WD XE
5	0.0	67020029	Saturn Outlook 4D 2WD XR
3	0.0	67021028	Saturn Outlook 4D 4WD XE
6	0.0	67021029	Saturn Outlook 4D 4WD XR
			Some VUE Red Line (67009025) models and VUE Hybrid (67023000)
1	0.0	67023000	Saturn Vue Hybrid 4D 2WD
2	0.0	67024029	Saturn Astra 3D XR

## Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
4	0.0	67025029	Saturn Astra 5D XR
81	0.0	68000000	KIA Unknown Series Model
95	0.1	68001000	KIA Sephia 4D
123	0.1	68002000	KIA Sportage 4D 4x4
39	0.0	68003000	KIA Sportage 4D 4x2
3	0.0	68004000	KIA Sportage 2D 4x4
4	0.0	68005000	KIA Sportage 2D 4x2
163	0.1	68006000	KIA Rio 4D
42	0.0	68007000	KIA Spectra 5D
135	0.1	68008000	KIA Optima 4D
196	0.1	68009000	KIA Sedona Van
18	0.0	68010001	KIA Rio SW Cinco
4	0.0	68010002	KIA Rio SW Rio5
67	0.0	68011000	KIA Spectra 4D
43	0.0	68012000	KIA Sorento 4D 4x2
100	0.1	68013000	KIA Sorento 4D 4x4
20	0.0	68014000	KIA Amanti 4D
201	0.1	68015000	KIA Spectra 4D
24	0.0	68016000	KIA Spectra SW
93	0.1	68017000	KIA Optima 4D
27	0.0	68018000	KIA Rondo SW
6	0.0	68019000	KIA Sedona Van SWB
1	0.0	68021000	KIA Borrego 4D 4x4
44	0.0	69003000	AM General Hummer H2 4D 4x4
3	0.0	69004000	AM General Hummer H2 SUT 4D 4x4
67	0.0	69006000	AM General Hummer H3 4D 4x4
1	0.0	69006008	AM General Hummer H3 4D 4x4 Adventure
2	0.0	70000000	Daewoo Unknown Series Model
4	0.0	70001001	Daewoo Lanos 3D S
4	0.0	70001006	Daewoo Lanos 3D Sport
7	0.0	70002001	Daewoo Lanos 4D S
1	0.0	70002002	Daewoo Lanos 4D SE
9	0.0	70003002	Daewoo Nubira 4D SE
1	0.0	70003003	Daewoo Nubira 4D SX
1	0.0	70003004	Daewoo Nubira 4D CDX
4	0.0	70004004	Daewoo Nubira SW CDX
3	0.0	70005002	Daewoo Leganza 4D SE
7	0.0	70005005	Daewoo Leganza 4D SX/CDX
1	0.0	71001000	GEM 2-Pass
1	0.0	71005000	GEM 6-Pass
6	0.0	72000000	Mini Cooper Unknown Series Model
54	0.0	72001000	Mini Cooper 2D
27	0.0	72001001	Mini Cooper 2D S
5	0.0	72002000	Mini Cooper Conv
3	0.0	72002001	Mini Cooper Conv S
2	0.0	73000000	Maybach Unknown Series Model
81	0.0	74000000	Scion Unknown Series Model
80	0.0	74001000	Scion XA 5D
158	0.1	74002000	Scion XB 5D
359	0.2	74003000	Scion TC 2D
27	0.0	74004000	Scion XD 5D
1	0.0	76002000	Smart Fortwo Conv

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2008	Prcnt	Code	Value and Description
8	0.0	77000000	Tesla Unknown Series Model

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Variable 162	VINDICATOR - BODY	Width: 2	Type: Numeric
		Dec: None	Miss: 0

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VINDICATOR Variable - BodyStyleNumber

2008	Prcnt	Code	Value and Description
84775	48.4	0	No data
1	0.0	1	2-3 passenger
1	0.0	2	4-6 passenger
196	0.1	21	2 door 2-3 passenger
8227	4.7	22	2 door 4-6 passenger
8	0.0	28	2 door sedan
669	0.4	30	2 door sedan 4-6 passenger
6	0.0	32	2 door hardtop
206	0.1	34	2 door hardtop 4-6 passenger
1	0.0	36	2 door convertible
445	0.3	37	2 door convertible 2-3 passenger
1188	0.7	38	2 door convertible 4-6 passenger
5	0.0	40	3 door
102	0.1	41	3 door 2-3 passenger
3518	2.0	42	3 door 4-6 passenger
1	0.0	46	3 door wagon 4-6 passenger
6	0.0	50	3 door sedan 4-6 passenger
91	0.1	54	3 door hardtop 4-6 passenger
1161	0.7	62	4+ door 4-6 passenger
3819	2.2	66	4+ door wagon 4-6 passenger
7274	4.2	67	4+ door wagon 7+ passenger
12	0.0	68	4+ door sedan
63137	36.0	70	4+ door sedan 4-6 passenger
4	0.0	72	4+ door hardtop
355	0.2	74	4+ door hardtop 4-6 passenger

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Variable 163	VINDICATOR - VEHTP	Width: 1	Type: Numeric
		Dec: None	Miss: 0

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VINDICATOR Variable - VehicleType

2008	Prcnt	Code	Value and Description
124589	71.1	0	Passenger cars or no data
4020	2.3	1	Vans (All cargo & large passenger vans)
14759	8.4	2	Pickups and chassis cabs
24542	14.0	3	Utility vehicles
7265	4.1	4	Passenger vans
33	0.0	9	Vehicle type data missing

Variable 164	VINDICATOR - SIZE	Width: 1	Type: Numeric
		Dec: None	Miss: 6

## VINDICATOR Variable - VehicleSizeID

2008	Prcnt	Code	Value and Description
33	0.0	0	Unknown
4537	2.6	1	Mini
38615	22.0	2	Small
44749	25.5	3	Midsize
30922	17.6	4	Large
12485	7.1	5	Very large
43867	25.0	6	Unknown

Variable 165	VINDICATOR - STYLE CLASS	Width: 2	Type: Numeric
		Dec: None	Miss: 0

## VINDICATOR Variable - VehicleClassID

2008	Prcnt	Code	Value and Description
43899	25.1	0	Missing data
11120	6.3	1	2 door
56438	32.2	2	4 door
9186	5.2	3	Luxury
2482	1.4	4	Sports
7261	4.1	5	Passenger van
13288	7.6	6	Pickup
22365	12.8	8	Utility
3245	1.9	9	Large / cargo van
3808	2.2	11	Station wagon
2116	1.2	14	Luxury utility

Variable 166	VINDICATOR - WEIGHT	Width: 4	Type: Numeric
		Dec: None	Miss: 0

## VINDICATOR Variable - CurbWeight

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

2008	Prcnt	Code	Value and Description
43374	24.8	0	Weight data is missing
1	0.0	1591	- Weight in pounds
5	0.0	8687	

Variable 167	VINDICATOR - WHLBS	Width: 5	Type: Numeric
		Dec: 1	Miss: 0.0

VINDICATOR Variable - Wheelbase

2008	Prcnt	Code	Value and Description
42669	24.4	0.0	Wheelbase data is missing
1	0.0	73.5	- Wheelbase to nearest tenth of an inch
2	0.0	194.0	

Variable 168	VINDICATOR - LENGTH	Width: 5	Type: Numeric
		Dec: 1	Miss: 0.0

VINDICATOR Variable - Length

2008	Prcnt	Code	Value and Description
43910	25.1	0.0	Length data is missing
1	0.0	106.1	- Length to nearest tenth of an inch
6	0.0	262.4	

Variable 169	VINDICATOR - WIDTH	Width: 4	Type: Numeric
		Dec: 1	Miss: 0.0

VINDICATOR Variable - Width

2008	Prcnt	Code	Value and Description
43910	25.1	0.0	Width data is missing
5	0.0	60.2	- Width to nearest tenth of an inch
2	0.0	96.1	

Variable 170	VINDICATOR - HEIGHT	Width: 4	Type: Numeric
		Dec: 1	Miss: 0.0

VINDICATOR Variable - Height

2008	Prcnt	Code	Value and Description
43918	25.1	0.0	Height data is missing
2	0.0	44.0	- Height to nearest tenth of an inch
13	0.0	96.3	

Variable 171	VINDICATOR - RSTN	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## VINDICATOR Variable - RestraintCode

2008	Prcnt	Code	Value and Description
41794	23.9	0	No data
5907	3.4	1	Manual belt
2464	1.4	2	Automatic belt
6277	3.6	3	Air bag (driver only)
74312	42.4	4	Air bags (driver + passenger)
37742	21.5	5	Air bags (driver + passenger + side)
6712	3.8	6	Air bags (driver + passenger (std); side (opt))

Variable 172	VINDICATOR - ATD / DRL	Width: 25	Type: Alphabetic
		Dec: None	Miss: None

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

Variable 173	VINDICATOR - MINHP	Width: 3	Type: Numeric
		Dec: None	Miss: 0

## VINDICATOR Variable - MinimumHorsepower

2008	Prcnt	Code	Value and Description
44580	25.4	0	Minimum horsepower data missing
8	0.0	46	- Minimum horsepower
1	0.0	600	

Variable 174	VINDICATOR - MAXHP	Width: 3	Type: Numeric
		Dec: None	Miss: 0

## VINDICATOR Variable - MaximumHorsepower

2008	Prcnt	Code	Value and Description
44580	25.4	0	Maximum horsepower data missing
4	0.0	46	- Maximum horsepower
1	0.0	600	



Variable 175      VINDICATOR - ABS      Width: 3      Type: Numeric  
Dec:    None      Miss:    0

VINDICATOR Variable - ABSCode

2008	Prcnt	Code	Value and Description
41455	23.7	0	Unknown
9987	5.7	1	Not available
31669	18.1	2	Opt on all wheels
111	0.1	3	Opt on rear wheels
75263	43.0	4	STD on all wheels
2600	1.5	5	STD on rear wheels
4	0.0	15	OPT on Turbo & GXL
1	0.0	16	STD in 2nd half of model year
3	0.0	17	OPT in 2nd half of model year
1	0.0	20	OPT on Base; STD on STS
62	0.0	21	OPT on LE V6
2	0.0	22	OPT on GT / Turbo; STD on 4WS
2	0.0	24	OPT on Gli & CARAT
13	0.0	25	STD on SC; OPT on SE
2	0.0	26	OPT on GT-S & All-Trac Turbo
4	0.0	27	OPT on GT
75	0.0	30	OPT on SE; NA other models
254	0.1	31	OPT on GXE
16	0.0	32	OPT on LX & Turbo
3	0.0	33	OPT on Base 929; STD on 929S
14	0.0	35	OPT on GS
3	0.0	37	OPT on SE & LE
3	0.0	39	OPT on Base; STD on SE
2	0.0	43	OPT on GS; STD on GSR
1	0.0	45	STD on all models but Hunter
1	0.0	47	STD on VR6; OPT on other models
234	0.1	48	OPT on GXE & SE
44	0.0	49	STD on Cobra; OPT on other models
350	0.2	50	OPT on LX; not available on other models
4	0.0	51	OPT with manual transmission only
1197	0.7	52	Not available on Base; OPT on other models
8	0.0	57	STD Rear on S & LS; OPT 4 Wheel ABS on LS
3753	2.1	58	STD rear; 4 wheel OPT on all or some models
135	0.1	59	OPT with V6 engine only
123	0.1	60	STD rear wheel ABS with 4 cyl; STD 4 wheel ABS with 6 cyl engine
57	0.0	61	STD on ES; OPT on other models
105	0.1	62	STD on GXE; OPT on other models
31	0.0	63	STD rear, 4 wheel OPT on some models and STD on others
42	0.0	64	STD on GLX Plus model; not available on other models
378	0.2	65	OPT on all models, except not available on GXE with manual transmission
8	0.0	66	STD on Outback model; OPT on L model
2	0.0	67	OPT on L model; not available on Outback model
4	0.0	68	Not available on L model; OPT on others
236	0.1	69	OPT on GXE & GLE models; not available on other models
14	0.0	70	STD rear ABS; 4 wheel ABS OPT / STD (after 1995 model year) on B4000
1251	0.7	71	STD on XLE model; OPT on other models

## Variable 175:VINDICATOR - ABS (Continued)

2008	Prcnt	Code	Value and Description
47	0.0	72	STD on XLS model; OPT on other models
305	0.2	73	STD on Ariat model; rear wheel STD, 4 wheel OPT on other models
19	0.0	74	Std on vehicles with RV trim package; RW STD 4 wheel ABS OPT on other models
49	0.0	75	OPT on GS model, STD on other models
1071	0.6	76	OPT on CE model with 4 cylinder engine; STD on all other models
6	0.0	77	OPT on JX model and STD on JLX model
334	0.2	78	OPT on Base model; STD on other models
166	0.1	79	STD rear ABS; 4 wheel ABS OPT on all models excluding the XL model
4	0.0	80	OPT on GL V6
8	0.0	81	4 wheel ABS STD on EX model; all other models have rear wheel ABS only
20	0.0	82	STD on LS model; OPT on ES model
215	0.1	83	Option on LS model; not available on Base model
436	0.2	84	STD with V6 engine; OPT with 4 cylinder engine
9	0.0	85	STD with V6 engine; not available with 4 cylinder engine
62	0.0	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
5	0.0	90	STD on "Plus" models; not available on other models
51	0.0	92	Not available on DX model; STD on all other models
253	0.1	93	Not available on XE model; OPT on all other models
153	0.1	94	Not available on VE model; OPT on all other models
26	0.0	95	Available on premium models for fleet sale only
344	0.2	96	Not available on CE model; OPT on all other models
16	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
42	0.0	100	OPT on GSX model; not available on other models
110	0.1	101	STD on models for fleet sale only; OPT on non-fleet models
128	0.1	102	OPT on models for fleet sale only; STD on non-fleet models
14	0.0	103	OPT on ES model; not available on other models
94	0.1	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
3	0.0	106	STD on Limited models; OPT on JLX model
24	0.0	108	STD on Touring and Limited models; OPT on other models
190	0.1	110	STD on LX model and OPT on other models
7	0.0	111	OPT on Value and Base models; STD on other models
70	0.0	112	OPT on GL1 model and STD on GL2 model
130	0.1	113	STD on SE2 model and OPT on other models
24	0.0	114	STD on 5 speed manual transmission, OPT on 6 speed manual and automatic transmissions
137	0.1	115	OPT on ES model and STD on other models
58	0.0	116	STD on S model and OPT on I model
33	0.0	117	OPT on Plus model; STD on all other models
16	0.0	118	OPT on Touring model and STD on Limited models
6	0.0	119	OPT on LX models and STD on EX models





The OCCUPANT Variables

Variables 201 through 210 describe the vehicle occupants involved in the accident. The Occupant data set contains these variables, along with the accident and vehicle variables on an occupant level. Occupants who do not match a vehicle record are not included.

Variable 201	OCCUPANT UNIT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

MAARS Variable - OCC\_UNIT

2008	Prct	Code	Value and Description
121545	52.9	1	
		-	Unit number
1	0.0	15	

Variable 202	OCCUPANT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

MAARS Variable - OCC\_NUM

2008	Prct	Code	Value and Description
175204	76.3	0	Driver
26786	11.7	1	
		-	Occupant number
1	0.0	77	

Variable 203	OCCUPANT TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: None

MAARS Variable - PERSON\_TYPE

2008	Prct	Code	Value and Description
175204	76.3	1	Driver
54489	23.7	2	Passenger

Variable 204	SEAT POSITION	Width: 2	Type: Numeric
		Dec: None	Miss: None

## MAARS Variable - OCC\_SEAT\_POS

Driver seat position is not noted on police report, code 10 assigned by UMTRI.

2008	Prcnt	Code	Value and Description
157	0.1	0	Unknown
230	0.1	1	Front left
770	0.3	2	Front center
24443	10.6	3	Front right
6774	2.9	4	Rear left
2444	1.1	5	Rear center
8725	3.8	6	Rear right
8328	3.6	7	In body of truck
212	0.1	8	Bus passenger
99	0.0	9	Outside vehicle
175204	76.3	10	Driver
153	0.1	88	Other
2154	0.9	99	Missing data

Variable 205	AGE	Width: 3	Type: Numeric
		Dec: None	Miss: 999

## MAARS Variable - AGE

2008	Prcnt	Code	Value and Description
31215	13.6	0	Less than 1 year old
1272	0.6	1	1 year old
		-	
1	0.0	130	130 years old
3996	1.7	999	Missing data

Variable 206	GENDER	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - SEX\_CODE

2008	Prcnt	Code	Value and Description
114029	49.6	1	Male
88029	38.3	2	Female
27635	12.0	9	Missing data

---

Variable 207	SAFETY EQUIPMENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

MAARS Variable - SAF\_EQUIP

2008	Prcnt	Code	Value and Description
11750	5.1	0	Not applicable
11039	4.8	1	None
2007	0.9	11	Lap belt only
2186	1.0	12	Shoulder belt only
132492	57.7	13	Shoulder / lap belt(s)
4758	2.1	14	Child / youth restraint
862	0.4	21	MC / bike helmet
19	0.0	22	MC / bike eye shield only
755	0.3	23	MC / bike helmet and shield
669	0.3	31	Air bag only
25336	11.0	32	Air bag and belt(s)
112	0.0	88	Other
37708	16.4	99	Unknown

---

Variable 208	SAFETY EQUIPMENT PROBLEM	Width: 2	Type: Numeric
		Dec: None	Miss: 9

---

MAARS Variable - EQUIP\_PROB

2008	Prcnt	Code	Value and Description
19322	8.4	0	Not applicable
			Adult/Youth Restraint
173928	75.7	1	No misuse
92	0.0	2	Belts / anchors broke
608	0.3	3	Belt(s) misused
944	0.4	4	Air bag failed
80	0.0	8	Other
34656	15.1	9	Unknown
			Child Restraint
6	0.0	42	Facing wrong way
14	0.0	43	Not anchored correctly
7	0.0	44	Anchor not secure
12	0.0	45	Not strapped correctly
3	0.0	46	Strap / tether loose
21	0.0	47	Size / type improper

<u>Variable 209</u>	<u>EJECTION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - EJECTION

2008 Prcnt	Code	Value and Description
9382 4.1	0	Not applicable
191982 83.6	1	Not ejected or trapped
1423 0.6	2	Fully ejected
242 0.1	3	Partially ejected
1306 0.6	4	Trapped
25 0.0	8	Other
25333 11.0	9	Unknown

<u>Variable 210</u>	<u>INJURY SEVERITY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - INJ\_SEVER

2008 Prcnt	Code	Value and Description
184382 80.3	1	Not injured
24309 10.6	2	Possible injury
16525 7.2	3	Injured
4008 1.7	4	Disabling injury
469 0.2	5	Fatal



The NONMOTORIST Variables

Variables 301 through 320 describe the nonmotorists (pedestrians, etc.) involved in the accident. The Nonmotorist data set contains these variables, along with the accident and vehicle variables. When more than one motor vehicle is involved vehicle #1 data was used. Nonmotorists who do not match a crash record are not included.

Variable 301	UNIT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

MAARS Variable - PED\_UNIT

2008	Prcnt	Code	Value and Description
3840	95.8	1	- Pedestrian Number
1	0.0	17	

Variable 302	PERSON TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: None

MAARS Variable - PED\_TYPE

2008	Prcnt	Code	Value and Description
4010	100.0	3	Pedestrian

Variable 303	NONMOTORIST TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

MAARS Variable - PERSON\_TYPE

2008	Prcnt	Code	Value and Description
34	0.8	0	Not applicable
2964	73.9	1	Pedestrian
791	19.7	2	Bicyclist
19	0.5	3	Other pedalcyclist
1	0.0	4	Rider of animal
1	0.0	5	In animal-drawn vehicle
16	0.4	6	Machine operator/rider
55	1.4	7	Other conveyance
12	0.3	8	Other
117	2.9	9	Unknown

Variable 304	AGE	Width: 3	Type: Numeric
		Dec: None	Miss: 999

## MAARS Variable - AGE

2008	Prcnt	Code	Value and Description
19	0.5	0	Less than 1 year old
25	0.6	1	1 year old
		-	
51	1.3	99	99 years old
169	4.2	999	Missing data

Variable 305	GENDER	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - SEX\_CODE

2008	Prcnt	Code	Value and Description
2489	62.1	1	Male
1492	37.2	2	Female
29	0.7	9	Missing data

Variable 306	INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - INJ\_SEVER

2008	Prcnt	Code	Value and Description
615	15.3	1	Not injured
1221	30.4	2	Possible injury
1515	37.8	3	Injured
536	13.4	4	Disabling injury
123	3.1	5	Fatal

Variable 307	PEDESTRIAN VISIBLE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## MAARS Variable - PED\_VISIBLE

2008	Prcnt	Code	Value and Description
101	2.5	0	Not applicable
804	20.0	1	Light clothing
1007	25.1	2	Dark clothing
1536	38.3	3	Mixed clothing
56	1.4	4	Reflective material
7	0.2	5	Head light

Variable 307:PEDESTRIAN VISIBLE (Continued)

2008	Prcnt	Code	Value and Description
	5	0.1	6 Rear reflector
	4	0.1	7 Head light and reflector
	59	1.5	8 Other
	431	10.7	9 Unknown

---

Variable 308	PEDESTRIAN LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

MAARS Variable - PED\_LOCATION

2008	Prcnt	Code	Value and Description
	112	2.8	0 Not applicable
	242	6.0	1 Shoulder
	96	2.4	2 Curb
	188	4.7	3 Sidewalk
	128	3.2	4 Outside right-of-way
	834	20.8	5 On roadway at crosswalk
	1956	48.8	6 On roadway not at crosswalk
	7	0.2	7 In school bus zone
	25	0.6	8 In bikeway
	200	5.0	88 Other
	222	5.5	99 Unknown

---

Variable 309	DID PED OBEY SIGNAL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

MAARS Variable - PED\_OBEY

2008	Prcnt	Code	Value and Description
	391	9.8	0 Not applicable
	2321	57.9	1 No pedestrian signal
	301	7.5	2 Obeyed pedestrian signal
	319	8.0	3 Disobeyed pedestrian signal
	6	0.1	4 Pedestrian signal malfunction
	238	5.9	8 Other
	434	10.8	9 Unknown

---

Variable 310	PEDESTRIAN CONDITION	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

MAARS Variable - CONDITION

## Variable 310: PEDESTRIAN CONDITION (Continued)

2008	Prcnt	Code	Value and Description
383	9.6	0	Not applicable
2900	72.3	1	Apparently normal
251	6.3	2	Had been drinking
12	0.3	3	Using drugs
5	0.1	4	Physical defects
22	0.5	5	Other handicaps
2	0.0	6	Ill
0	0.0	7	Fatigued
1	0.0	8	Apparently asleep
4	0.1	88	Other
430	10.7	99	Unknown

---

Variable 311	PEDESTRIAN MOVEMENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

## MAARS Variable - MOVEMENT

2008	Prcnt	Code	Value and Description
936	23.3	51	Cross / enter at intersection
1182	29.5	52	Cross / enter not at intersection
330	8.2	53	Walking / riding with traffic
287	7.2	54	Walking / riding against traffic
85	2.1	55	Playing
314	7.8	56	Standing
53	1.3	57	Getting on/off vehicle
19	0.5	58	Push / work on vehicle
49	1.2	59	Other working
1	0.0	60	Hitchhiking
6	0.1	61	Approach / leave school bus
151	3.8	88	Other
597	14.9	99	Unknown

---

Variable 312	CONTRIBUTING CIRCUMSTAN1	Width: 2	Type: Numeric
		Dec: None	Miss: None

## MAARS Variable - CONTRIB\_CIRCUM1

2008	Prcnt	Code	Value and Description
			Driver, Pedestrian, Cyclist: Condition or Actions
2367	59.0	0	Not applicable
69	1.7	1	Under influence of drugs
74	1.8	2	Under influence of alcohol
7	0.2	3	Under influence of medication
3	0.1	4	Under combined influence
8	0.2	5	Physical / mental difficulty
1	0.0	6	Fell asleep, fainted, etc.

Variable 312:CONTRIBUTING CIRCUMSTAN1 (Continued)

2008	Prcnt	Code	Value and Description
371	9.3	7	Failed to give full time and attention
0	0.0	8	Did not comply with license restriction
0	0.0	9	Failure to drive within a single lane
0	0.0	10	Improper right-turn-on-red
143	3.6	11	Failed to yield right-of-way
23	0.6	12	Failed to obey stop sign
19	0.5	13	Failed to obey traffic signal
19	0.5	14	Failed to obey other traffic control
6	0.1	15	Failed to keep right of center
0	0.0	16	Failed to stop for school bus
13	0.3	17	Wrong way on one-way
0	0.0	18	Exceeded speed limit
0	0.0	19	Operator using cellular phone
0	0.0	20	Stopping in lane / roadway
5	0.1	21	Too fast for conditions
4	0.1	22	Followed too closely
2	0.0	23	Improper turn
2	0.0	24	Improper lane change
3	0.1	25	Improper backing
1	0.0	26	Improper passing
1	0.0	27	Improper signal
3	0.1	28	Improper parking
1	0.0	29	Interference / obstruction by passenger
Pedestrian, Cyclist: Actions Only			
677	16.9	31	Illegally in roadway
52	1.3	32	Bicycle violation
74	1.8	37	Clothing not visible
Environment Effect			
0	0.0	41	Smog, smoke
3	0.1	42	Sleet, hail, freezing rain
0	0.0	43	Blowing sand, soil, dirt
0	0.0	44	Severe crosswinds
5	0.1	45	Rain, snow
0	0.0	46	Animal
6	0.1	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
2	0.0	51	Brakes
1	0.0	52	Tires
0	0.0	53	Steering
1	0.0	54	Lights
0	0.0	55	Windows / windshield
0	0.0	56	Wheel(s)
0	0.0	57	Trailer coupling
0	0.0	58	Cargo
0	0.0	59	Engine trouble
Road Condition			
0	0.0	61	Wet
0	0.0	62	Icy or snow-covered

## Variable 312: CONTRIBUTING CIRCUMSTAN1 (Continued)

2008	Prcnt	Code	Value and Description
0	0.0	63	Debris or obstruction
0	0.0	64	Ruts, holes, bumps
0	0.0	65	Road under construction or maintenance
0	0.0	66	Traffic control device inoperative
0	0.0	67	Shoulder low, soft, high
11	0.3	88	Other
33	0.8	99	Missing data

---

Variable 313	CONTRIBUTING CIRCUMSTAN2	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

## MAARS Variable - CONTRIB\_CIRCUM2

2008	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
3042	75.9	0	Not applicable
47	1.2	1	Under influence of drugs
27	0.7	2	Under influence of alcohol
5	0.1	3	Under influence of medication
1	0.0	4	Under combined influence
1	0.0	5	Physical / mental difficulty
1	0.0	6	Fell asleep, fainted, etc.
251	6.3	7	Failed to give full time and attention
1	0.0	8	Did not comply with license restriction
116	2.9	11	Failed to yield right-of-way
9	0.2	12	Failed to obey stop sign
10	0.2	13	Failed to obey traffic signal
16	0.4	14	Failed to obey other traffic control
7	0.2	17	Wrong way on one-way
2	0.0	21	Too fast for conditions
1	0.0	22	Followed too closely
6	0.1	23	Improper turn
1	0.0	24	Improper lane change
2	0.0	26	Improper passing
1	0.0	28	Improper parking
1	0.0	29	Interference / obstruction by passenger
Pedestrian, Cyclist: Actions Only			
199	5.0	31	Illegally in roadway
46	1.1	32	Bicycle violation
144	3.6	37	Clothing not visible
Environment Effect			
1	0.0	41	Smog, smoke
2	0.0	42	Sleet, hail, freezing rain
18	0.4	45	Rain, snow
8	0.2	47	Vision obstruction (including blinded by sun / lights)

Variable 313: CONTRIBUTING CIRCUMSTAN2 (Continued)

2008	Prcnt	Code	Value and Description
Vehicle Defect			
3	0.1	51	Brakes
1	0.0	58	Cargo
Road Condition			
6	0.1	61	Wet
1	0.0	63	Debris or obstruction
1	0.0	65	Road under construction or maintenance
1	0.0	88	Other
31	0.8	99	Missing data

---

Variable 314	CONTRIBUTING CIRCUMSTAN3	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

MAARS Variable - CONTRIB\_CIRCUM3

2008	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
3607	90.0	0	Not applicable
32	0.8	1	Under influence of drugs
13	0.3	2	Under influence of alcohol
2	0.0	4	Under combined influence
1	0.0	5	Physical / mental difficulty
1	0.0	6	Fell asleep, fainted, etc.
86	2.1	7	Failed to give full time and attention
38	0.9	11	Failed to yield right-of-way
1	0.0	12	Failed to obey stop sign
4	0.1	13	Failed to obey traffic signal
8	0.2	14	Failed to obey other traffic control
1	0.0	17	Wrong way on one-way
3	0.1	21	Too fast for conditions
2	0.0	22	Followed too closely
1	0.0	26	Improper passing
1	0.0	27	Improper signal
Pedestrian, Cyclist: Actions Only			
73	1.8	31	Illegally in roadway
19	0.5	32	Bicycle violation
48	1.2	37	Clothing not visible
Environment Effect			
4	0.1	42	Sleet, hail, freezing rain
13	0.3	45	Rain, snow
4	0.1	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
2	0.0	51	Brakes
1	0.0	54	Lights

## Variable 314:CONTRIBUTING CIRCUMSTAN3 (Continued)

2008 Prcnt	Code	Value and Description
		Road Condition
17 0.4	61	Wet
1 0.0	67	Shoulder low, soft, high
2 0.0	88	Other
25 0.6	99	Missing data

Variable 315	CONTRIBUTING CIRCUMSTAN4	Width: 2	Type: Numeric
		Dec: None	Miss: None

## MAARS Variable - CONTRIB\_CIRCUM4

2008 Prcnt	Code	Value and Description
		Driver, Pedestrian, Cyclist: Condition or Actions
3839 95.7	0	Not applicable
28 0.7	1	Under influence of drugs
7 0.2	2	Under influence of alcohol
3 0.1	4	Under combined influence
2 0.0	5	Physical / mental difficulty
28 0.7	7	Failed to give full time and attention
1 0.0	8	Did not comply with license restriction
4 0.1	11	Failed to yield right-of-way
1 0.0	13	Failed to obey traffic signal
2 0.0	14	Failed to obey other traffic control
1 0.0	15	Failed to keep right of center
1 0.0	22	Followed too closely
2 0.0	23	Improper turn
1 0.0	26	Improper passing
		Pedestrian, Cyclist: Actions Only
13 0.3	31	Illegally in roadway
8 0.2	32	Bicycle violation
21 0.5	37	Clothing not visible
		Environment Effect
1 0.0	42	Sleet, hail, freezing rain
3 0.1	45	Rain, snow
2 0.0	47	Vision obstruction (including blinded by sun / lights)
		Vehicle Defect
3 0.1	51	Brakes
		Road Condition
10 0.2	61	Wet
2 0.0	88	Other
27 0.7	99	Missing data





## Variable 319:TESTS (Continued)

2008	Prcnt	Code	Value and Description
2096	52.3	0	Not applicable
49	1.2	1	Test refused
2	0.0	2	Positive preliminary test
8	0.2	3	Evidence test given
22	0.5	8	Other
1833	45.7	9	Unknown

Variable 320	NONMOTORIST BAC	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## MAARS Variable - BAC

Enter the BAC result value following the decimal point

2008	Prcnt	Code	Value and Description
3963	98.8	0	
6	0.1	1	
		-	BAC test results
1	0.0	51	

Maryland 2008

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
(al) alabama	106	+	(AL) Alabama
(al) alabama	155	+	(AL) Alabama
aberdeen	7	+	Aberdeen
accelerating	130	2	Accelerating
acceleration	13	17	Acceleration lane
access	11	4	Driveway access
acura	160	57	Acura
age	144	*	DRIVER AGE
age	205	*	AGE
age	304	*	AGE
agency	8	*	AGENCY CODE
air	147	31	Air bag only
air	148	4	Air bag failed
air	171	3	Air bag (driver only)
air	207	31	Air bag only
air	208	4	Air bag failed
alcohol	131	2	Under influence of alcohol
alcohol	132	2	Under influence of alcohol
alcohol	133	2	Under influence of alcohol
alcohol	134	2	Under influence of alcohol
alcohol	151	1	Alcohol
alcohol	152	11	Alcohol present
alcohol	312	2	Under influence of alcohol
alcohol	313	2	Under influence of alcohol
alcohol	314	2	Under influence of alcohol
alcohol	315	2	Under influence of alcohol
alcohol	317	11	Alcohol present
alcohol	318	1	Alcohol
alfa romeo	160	45	Alfa Romeo
allegany	6	+	Allegany
alphabetic	158	1	That VINDICATOR has made some change to
alteration	158	0	No alteration has been made
altsw	158	*	VINDICATOR - ALTSW
am general	160	69	AM General
ambulance	105	13	Ambulance/emergency
amc/eagle	160	11	AMC/Eagle
anchor	148	2	Belts / anchors broke
anchor	208	2	Belts / anchors broke
anchored	208	43	Not anchored correctly
angle	24	11	Straight movement angle
animal	26	8	Animal
animal	27	8	Animal
animal	131	46	Animal
animal	132	46	Animal
animal	133	46	Animal
animal	134	46	Animal
animal	303	4	Rider of animal
animal	312	46	Animal
animal	313	46	Animal
animal	314	46	Animal
animal	315	46	Animal
animal-drawn	303	5	In animal-drawn vehicle
antilock braking system	175	*	VINDICATOR - ABS
anti-theft device	172	*	VINDICATOR - ATD / DRL

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
apparently	140	1	Apparently normal
apparently	310	1	Apparently normal
approach	311	61	Approach / leave school bus
april	3	4	April
asleep	131	6	Fell asleep, fainted, etc.
asleep	132	6	Fell asleep, fainted, etc.
asleep	133	6	Fell asleep, fainted, etc.
asleep	134	6	Fell asleep, fainted, etc.
asleep	140	8	Apparently asleep
asleep	310	8	Apparently asleep
asleep	312	6	Fell asleep, fainted, etc.
asleep	313	6	Fell asleep, fainted, etc.
asleep	314	6	Fell asleep, fainted, etc.
asleep	315	6	Fell asleep, fainted, etc.
aston martin	160	48	Aston Martin
attention	131	7	Failed to give full time and attention
attention	132	7	Failed to give full time and attention
attention	133	7	Failed to give full time and attention
attention	134	7	Failed to give full time and attention
attention	312	7	Failed to give full time and attention
attention	313	7	Failed to give full time and attention
attention	314	7	Failed to give full time and attention
attention	315	7	Failed to give full time and attention
attenuator	25	13	Crash attenuator
atv	157	71	Motorcycle or ATV VIN, inappropriate veh
audi	160	21	Audi
august	3	8	August
auto	108	8	Auto transporter
automatic	171	2	Automatic belt
automobile	105	2	Automobile
automobile	137	6	Automobile
automobile	138	6	Automobile
automobile	139	6	Automobile
avanti	160	50	Avanti
axle	105	5	Single truck (2 axles)
axle	110	*	NUMBER OF AXLES
bac	154	*	DRIVER BAC
bac	320	*	NONMOTORIST BAC
backing	26	19	Backing
backing	27	19	Backing
backing	130	11	Backing
backing	131	25	Improper backing
backing	132	25	Improper backing
backing	133	25	Improper backing
backing	134	25	Improper backing
backing	312	25	Improper backing
backing	313	25	Improper backing
backing	314	25	Improper backing
backing	315	25	Improper backing
bag	147	31	Air bag only
bag	148	4	Air bag failed
bag	171	3	Air bag (driver only)
bag	207	31	Air bag only
bag	208	4	Air bag failed
barrier	17	3	Divided - no barrier
barrier	25	5	Guardrail - barrier
belt	147	11	Lap belt only

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
belt	148	2	Belts / anchors broke
belt	171	1	Manual belt
belt	207	11	Lap belt only
belt	208	2	Belts / anchors broke
bentley	160	47	Bentley
bicycle	26	4	Bicycle
bicycle	27	4	Bicycle
bicycle	131	32	Bicycle violation
bicycle	132	32	Bicycle violation
bicycle	133	32	Bicycle violation
bicycle	134	32	Bicycle violation
bicycle	312	32	Bicycle violation
bicycle	313	32	Bicycle violation
bicycle	314	32	Bicycle violation
bicycle	315	32	Bicycle violation
bicyclist	303	2	Bicyclist
bike	147	21	MC / bike helmet
bike	207	21	MC / bike helmet
bikeway	308	8	In bikeway
blinded	131	47	Vision obstruction (including blinded by
blinded	132	47	Vision obstruction (including blinded by
blinded	133	47	Vision obstruction (including blinded by
blinded	134	47	Vision obstruction (including blinded by
blinded	312	47	Vision obstruction (including blinded by
blinded	313	47	Vision obstruction (including blinded by
blinded	314	47	Vision obstruction (including blinded by
blinded	315	47	Vision obstruction (including blinded by
blowing	131	43	Blowing sand, soil, dirt
blowing	132	43	Blowing sand, soil, dirt
blowing	133	43	Blowing sand, soil, dirt
blowing	134	43	Blowing sand, soil, dirt
blowing	312	43	Blowing sand, soil, dirt
blowing	313	43	Blowing sand, soil, dirt
blowing	314	43	Blowing sand, soil, dirt
blowing	315	43	Blowing sand, soil, dirt
bmw	160	37	BMW
boat	137	8	Boat trailer
boat	138	8	Boat trailer
boat	139	8	Boat trailer
body	105	*	VEHICLE BODY TYPE
body	108	*	COMM VEHICLE BODY TYPE
body	162	*	VINDICATOR - BODY
body	204	7	In body of truck
box	108	2	Van / enclosed box
brake	131	51	Brakes
brake	132	51	Brakes
brake	133	51	Brakes
brake	134	51	Brakes
brake	312	51	Brakes
brake	313	51	Brakes
brake	314	51	Brakes
brake	315	51	Brakes
bridge	16	7	On bridge
bridge	25	1	Bridge - overpass
broke	148	2	Belts / anchors broke
broke	208	2	Belts / anchors broke
bugatti	160	75	Bugatti

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
buick	160	4	Buick
building	25	2	Building
bump	131	64	Ruts, holes, bumps
bump	132	64	Ruts, holes, bumps
bump	133	64	Ruts, holes, bumps
bump	134	64	Ruts, holes, bumps
bump	312	64	Ruts, holes, bumps
bump	313	64	Ruts, holes, bumps
bump	314	64	Ruts, holes, bumps
bump	315	64	Ruts, holes, bumps
bus	105	10	Transit bus
bus	108	1	Bus
bus	131	16	Failed to stop for school bus
bus	132	16	Failed to stop for school bus
bus	133	16	Failed to stop for school bus
bus	134	16	Failed to stop for school bus
bus	204	8	Bus passenger
bus	308	7	In school bus zone
bus	311	61	Approach / leave school bus
bus	312	16	Failed to stop for school bus
bus	313	16	Failed to stop for school bus
bus	314	16	Failed to stop for school bus
bus	315	16	Failed to stop for school bus
cab	105	7	Truck-tractor (cab)
cabs	163	2	Pickups and chassis cabs
cadillac	160	10	Cadillac
camper	137	9	Camper
camper	138	9	Camper
camper	139	9	Camper
capri/merkur	160	17	Capri/Merkur
car	163	0	Passenger cars or no data
car	165	12	Specialty car
cargo	26	12	Spilled cargo
cargo	27	12	Spilled cargo
cargo	108	4	Cargo tank
cargo	131	58	Cargo
cargo	132	58	Cargo
cargo	133	58	Cargo
cargo	134	58	Cargo
cargo	163	1	Vans (All cargo & large passenger vans)
cargo	165	9	Large / cargo van
cargo	312	58	Cargo
cargo	313	58	Cargo
cargo	314	58	Cargo
cargo	315	58	Cargo
cellular	131	19	Operator using cellular phone
cellular	132	19	Operator using cellular phone
cellular	133	19	Operator using cellular phone
cellular	134	19	Operator using cellular phone
cellular	312	19	Operator using cellular phone
cellular	313	19	Operator using cellular phone
cellular	314	19	Operator using cellular phone
cellular	315	19	Operator using cellular phone
centerline	12	6	No lane markings or at centerline
centerline	13	1	Lane 1 - nearest centerline
change	131	24	Improper lane change
change	132	24	Improper lane change

Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
change	133	24	Improper lane change
change	134	24	Improper lane change
change	158	1	That VINDICATOR has made some change to
change	312	24	Improper lane change
change	313	24	Improper lane change
change	314	24	Improper lane change
change	315	24	Improper lane change
changing	130	7	Changing lanes
characters	157	21	VIN contains improper characters
chassis	163	2	Pickups and chassis cabs
check	157	-9	Invalid check digit/engine code
chevrolet/geo	160	1	Chevrolet/Geo
chevrolet/geo truck	160	29	Chevrolet/Geo Truck
child	147	14	Child / youth restraint
child	207	14	Child / youth restraint
chrysler	160	12	Chrysler
chrysler/plymouth truck	160	33	Chrysler/Plymouth Truck
chrysler/plymouth/mitsub	160	27	Chrysler/Plymouth/Mitsubishi
class	142	*	DRIVER LICENSE CLASS
class	165	*	VINDICATOR - STYLE CLASS
clear	21	1	Clear / cloudy
closely	131	22	Followed too closely
closely	132	22	Followed too closely
closely	133	22	Followed too closely
closely	134	22	Followed too closely
closely	312	22	Followed too closely
closely	313	22	Followed too closely
closely	314	22	Followed too closely
closely	315	22	Followed too closely
clothing	131	37	Clothing not visible
clothing	132	37	Clothing not visible
clothing	133	37	Clothing not visible
clothing	134	37	Clothing not visible
clothing	307	1	Light clothing
clothing	312	37	Clothing not visible
clothing	313	37	Clothing not visible
clothing	314	37	Clothing not visible
clothing	315	37	Clothing not visible
cloudy	21	1	Clear / cloudy
code	6	*	COUNTY CODE
code	8	*	AGENCY CODE
code	156	*	DRIVER ZIP CODE
collision	24	*	COLLISION TYPE
combination	152	24	Combination contributed
combination	317	24	Combination contributed
combined	131	4	Under combined influence
combined	132	4	Under combined influence
combined	133	4	Under combined influence
combined	134	4	Under combined influence
combined	152	14	Combined substances present
combined	312	4	Under combined influence
combined	313	4	Under combined influence
combined	314	4	Under combined influence
combined	315	4	Under combined influence
combined	317	14	Combined substances present
comply	131	8	Did not comply with license restriction
comply	132	8	Did not comply with license restriction

Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
comply	133	8	Did not comply with license restriction
comply	134	8	Did not comply with license restriction
comply	312	8	Did not comply with license restriction
comply	313	8	Did not comply with license restriction
comply	314	8	Did not comply with license restriction
comply	315	8	Did not comply with license restriction
concrete	108	7	Concrete mixer
condition	18	*	ROAD CONDITION
condition	19	*	ROAD SURFACE CONDITION
condition	131	21	Too fast for conditions
condition	132	21	Too fast for conditions
condition	133	21	Too fast for conditions
condition	134	21	Too fast for conditions
condition	140	*	DRIVER CONDITION
condition	310	*	PEDESTRIAN CONDITION
condition	312	21	Too fast for conditions
condition	313	21	Too fast for conditions
condition	314	21	Too fast for conditions
condition	315	21	Too fast for conditions
conflict	157	61	VIN model year / pattern conflict
constant	130	1	Moving constant speed
construction	22	*	CONSTRUCTION ZONE
construction	25	12	Construction barrier
construction	131	65	Road under construction or maintenance
construction	132	65	Road under construction or maintenance
construction	133	65	Road under construction or maintenance
construction	134	65	Road under construction or maintenance
construction	312	65	Road under construction or maintenance
construction	313	65	Road under construction or maintenance
construction	314	65	Road under construction or maintenance
construction	315	65	Road under construction or maintenance
continuing	136	*	DIRECTION CONTINUING
contributed	152	21	Alcohol contributed
contributed	317	21	Alcohol contributed
contributing	131	*	CONTRIBUTING CIRCUMSTAN1
contributing	132	*	CONTRIBUTING CIRCUMSTAN2
contributing	133	*	CONTRIBUTING CIRCUMSTAN3
contributing	134	*	CONTRIBUTING CIRCUMSTAN4
contributing	312	*	CONTRIBUTING CIRCUMSTAN1
contributing	313	*	CONTRIBUTING CIRCUMSTAN2
contributing	314	*	CONTRIBUTING CIRCUMSTAN3
contributing	315	*	CONTRIBUTING CIRCUMSTAN4
control	131	14	Failed to obey other traffic control
control	132	14	Failed to obey other traffic control
control	133	14	Failed to obey other traffic control
control	134	14	Failed to obey other traffic control
control	312	14	Failed to obey other traffic control
control	313	14	Failed to obey other traffic control
control	314	14	Failed to obey other traffic control
control	315	14	Failed to obey other traffic control
convertible	162	16	Convertible
conveyance	26	6	Other conveyance
conveyance	27	6	Other conveyance
conveyance	303	7	Other conveyance
corner	124	3	Front right corner
corner	125	3	Front right corner
corner	126	3	Front right corner



## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
corner	127	3	Front right corner
corner	128	3	Front right corner
correctly	208	43	Not anchored correctly
country	105	11	Cross country bus
county	6	*	COUNTY CODE
county	9	4	County route
coupling	131	57	Trailer coupling
coupling	132	57	Trailer coupling
coupling	133	57	Trailer coupling
coupling	134	57	Trailer coupling
coupling	312	57	Trailer coupling
coupling	313	57	Trailer coupling
coupling	314	57	Trailer coupling
coupling	315	57	Trailer coupling
crash	25	13	Crash attenuator
cross	105	11	Cross country bus
cross	311	51	Cross / enter at intersection
crossover	13	13	Crossover
crosswalk	308	5	On roadway at crosswalk
crosswinds	131	44	Severe crosswinds
crosswinds	132	44	Severe crosswinds
crosswinds	133	44	Severe crosswinds
crosswinds	134	44	Severe crosswinds
crosswinds	312	44	Severe crosswinds
crosswinds	313	44	Severe crosswinds
crosswinds	314	44	Severe crosswinds
crosswinds	315	44	Severe crosswinds
culvert	25	3	Culvert - ditch
curb	25	4	Curb
curb	308	2	Curb
curve	16	4	Curve and level
daewoo	160	70	Daewoo
daihatsu	160	61	Daihatsu
damage	126	*	AREA DAMAGE 1
damage	127	*	AREA DAMAGE 2
damage	128	*	AREA DAMAGE 3
damage	129	*	DAMAGE EXTENT
dark	20	3	Dark - light on
dark	307	2	Dark clothing
datsum/nissan	160	15	Datsun/Nissan
dawn	20	2	Dawn / dusk
day	4	*	DAY OF ACCIDENT
daylight	20	1	Daylight
daytime running lights	172	*	VINDICATOR - ATD / DRL
debris	131	63	Debris or obstruction
debris	132	63	Debris or obstruction
debris	133	63	Debris or obstruction
debris	134	63	Debris or obstruction
debris	312	63	Debris or obstruction
debris	313	63	Debris or obstruction
debris	314	63	Debris or obstruction
debris	315	63	Debris or obstruction
deceleration	13	18	Deceleration lane
december	3	12	December
decoded	157	99	VIN not decoded / no VIN
defect	18	1	No defects
defect	140	4	Physical defects

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
defect	310	4	Physical defects
delorean	160	49	Delorean
destroyed	129	5	Destroyed
detected	152	1	None detected
detected	317	1	None detected
device	131	66	Traffic control device inoperative
device	132	66	Traffic control device inoperative
device	133	66	Traffic control device inoperative
device	134	66	Traffic control device inoperative
device	312	66	Traffic control device inoperative
device	313	66	Traffic control device inoperative
device	314	66	Traffic control device inoperative
device	315	66	Traffic control device inoperative
difficulty	131	5	Physical / mental difficulty
difficulty	132	5	Physical / mental difficulty
difficulty	133	5	Physical / mental difficulty
difficulty	134	5	Physical / mental difficulty
difficulty	312	5	Physical / mental difficulty
difficulty	313	5	Physical / mental difficulty
difficulty	314	5	Physical / mental difficulty
difficulty	315	5	Physical / mental difficulty
digit	157	-9	Invalid check digit/engine code
direction	12	*	LANE DIRECTION
direction	15	*	RAMP DIRECTION
direction	24	3	Same direction rear-end
direction	135	*	DIRECTION GOING
direction	136	*	DIRECTION CONTINUING
dirt	131	43	Blowing sand, soil, dirt
dirt	132	43	Blowing sand, soil, dirt
dirt	133	43	Blowing sand, soil, dirt
dirt	134	43	Blowing sand, soil, dirt
dirt	312	43	Blowing sand, soil, dirt
dirt	313	43	Blowing sand, soil, dirt
dirt	314	43	Blowing sand, soil, dirt
dirt	315	43	Blowing sand, soil, dirt
disabling	28	4	Disabling injury
disabling	115	4	Disabling injury
disabling	129	4	Disabling damage
disabling	150	4	Disabling injury
disabling	210	4	Disabling injury
disabling	306	4	Disabling injury
disobeyed	309	3	Disobeyed pedestrian signal
ditch	25	3	Culvert - ditch
divided	17	*	DIVIDED/UNDIVIDED
dob	145	*	DRIVER DOB
dodge	160	7	Dodge
dodge truck	160	32	Dodge Truck
dodge/mitsubishi	160	22	Dodge/Mitsubishi
door	162	20	2 door
door	165	1	2 door
downhill	26	17	Downhill runaway
downhill	27	17	Downhill runaway
drinking	140	2	Had been drinking
drinking	310	2	Had been drinking
drive	9	7	Service drive
drive	131	9	Failure to drive within a single lane
drive	132	9	Failure to drive within a single lane

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
drive	133	9	Failure to drive within a single lane
drive	134	9	Failure to drive within a single lane
drive	312	9	Failure to drive within a single lane
drive	313	9	Failure to drive within a single lane
drive	314	9	Failure to drive within a single lane
drive	315	9	Failure to drive within a single lane
driver	101	99	No driver record
driver	140	*	DRIVER CONDITION
driver	141	*	DRIVER AT FAULT
driver	142	*	DRIVER LICENSE CLASS
driver	143	*	COMMERCIAL DRIVERS LIC
driver	144	*	DRIVER AGE
driver	145	*	DRIVER DOB
driver	146	*	DRIVER GENDER
driver	147	*	DRIVER SAFETY EQUIPMENT
driver	149	*	DRIVER EJECTION
driver	150	*	DRIVER INJURY SEVERITY
driver	151	*	DRIVER IMPAIRED
driver	153	*	DRIVER TESTS
driver	154	*	DRIVER BAC
driver	156	*	DRIVER ZIP CODE
driver	171	3	Air bag (driver only)
driver	202	0	Driver
driver	203	1	Driver
driver	204	10	Driver
driverless	119	*	DRIVERLESS VEHICLE
driverless	130	17	Driverless moving vehicle
driveway	11	4	Driveway access
drug	131	1	Under influence of drugs
drug	132	1	Under influence of drugs
drug	133	1	Under influence of drugs
drug	134	1	Under influence of drugs
drug	140	3	Using drugs
drug	151	2	Alcohol and drug
drug	152	12	Illegal drug present
drug	310	3	Using drugs
drug	312	1	Under influence of drugs
drug	313	1	Under influence of drugs
drug	314	1	Under influence of drugs
drug	315	1	Under influence of drugs
drug	317	12	Illegal drug present
drug	318	2	Alcohol and drug
dry	19	2	Dry
dump	108	6	Dump
dusk	20	2	Dawn / dusk
east	12	3	East
east	135	3	East
east	136	3	East
east-north	15	3	East-North
east-south	15	6	East-South
ejected	149	1	Not ejected or trapped
ejected	209	1	Not ejected or trapped
ejection	149	*	DRIVER EJECTION
ejection	209	*	EJECTION
embankment	25	6	Embankment
emergency	105	13	Ambulance/emergency
enclosed	108	2	Van / enclosed box

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
engine	131	59	Engine trouble
engine	132	59	Engine trouble
engine	133	59	Engine trouble
engine	134	59	Engine trouble
engine	157	-9	Invalid check digit/engine code
engine	177	*	VINDICATOR - ENGINE
engine	312	59	Engine trouble
engine	313	59	Engine trouble
engine	314	59	Engine trouble
engine	315	59	Engine trouble
enter	311	51	Cross / enter at intersection
equipment	137	12	Farm equipment
equipment	138	12	Farm equipment
equipment	139	12	Farm equipment
equipment	147	*	DRIVER SAFETY EQUIPMENT
equipment	148	*	SAFETY EQUIPMENT PROBLEM
equipment	207	*	SAFETY EQUIPMENT
equipment	208	*	SAFETY EQUIPMENT PROBLEM
errors	157	01	No errors
event	26	*	FIRST HARMFUL EVENT
event	27	*	SECOND HARMFUL EVENT
evidence	153	3	Evidence test given
evidence	319	3	Evidence test given
exceeded	131	18	Exceeded speed limit
exceeded	132	18	Exceeded speed limit
exceeded	133	18	Exceeded speed limit
exceeded	134	18	Exceeded speed limit
exceeded	312	18	Exceeded speed limit
exceeded	313	18	Exceeded speed limit
exceeded	314	18	Exceeded speed limit
exceeded	315	18	Exceeded speed limit
explosion	26	18	Explosion or fire
explosion	27	18	Explosion or fire
extent	129	*	DAMAGE EXTENT
extra	15	10	Extra
eye	147	22	MC / bike eye shield only
eye	207	22	MC / bike eye shield only
facing	208	42	Facing wrong way
failed	131	7	Failed to give full time and attention
failed	132	7	Failed to give full time and attention
failed	133	7	Failed to give full time and attention
failed	134	7	Failed to give full time and attention
failed	148	4	Air bag failed
failed	208	4	Air bag failed
failed	312	7	Failed to give full time and attention
failed	313	7	Failed to give full time and attention
failed	314	7	Failed to give full time and attention
failed	315	7	Failed to give full time and attention
failure	131	9	Failure to drive within a single lane
failure	132	9	Failure to drive within a single lane
failure	133	9	Failure to drive within a single lane
failure	134	9	Failure to drive within a single lane
failure	312	9	Failure to drive within a single lane
failure	313	9	Failure to drive within a single lane
failure	314	9	Failure to drive within a single lane
failure	315	9	Failure to drive within a single lane
fainted	131	6	Fell asleep, fainted, etc.

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
fainted	132	6	Fell asleep, fainted, etc.
fainted	133	6	Fell asleep, fainted, etc.
fainted	134	6	Fell asleep, fainted, etc.
fainted	312	6	Fell asleep, fainted, etc.
fainted	313	6	Fell asleep, fainted, etc.
fainted	314	6	Fell asleep, fainted, etc.
fainted	315	6	Fell asleep, fainted, etc.
farm	105	9	Farm vehicle
farm	137	12	Farm equipment
farm	138	12	Farm equipment
farm	139	12	Farm equipment
fast	131	21	Too fast for conditions
fast	132	21	Too fast for conditions
fast	133	21	Too fast for conditions
fast	134	21	Too fast for conditions
fast	312	21	Too fast for conditions
fast	313	21	Too fast for conditions
fast	314	21	Too fast for conditions
fast	315	21	Too fast for conditions
fatal	28	5	Fatal
fatal	115	5	Fatal
fatal	150	5	Fatal
fatal	210	5	Fatal
fatal	306	5	Fatal
fatalities	30	*	NUMBER OF FATALITIES
fatally	30	0	Zero fatally injured persons
fatigued	140	7	Fatigued
fatigued	310	7	Fatigued
fault	141	*	DRIVER AT FAULT
fault	316	*	FAULT
february	3	2	February
fell	131	6	Fell asleep, fainted, etc.
fell	132	6	Fell asleep, fainted, etc.
fell	133	6	Fell asleep, fainted, etc.
fell	134	6	Fell asleep, fainted, etc.
fell	312	6	Fell asleep, fainted, etc.
fell	313	6	Fell asleep, fainted, etc.
fell	314	6	Fell asleep, fainted, etc.
fell	315	6	Fell asleep, fainted, etc.
female	146	2	Female
female	206	2	Female
female	305	2	Female
fence	25	7	Fence
ferrari	160	42	Ferrari
fiat/bertone	160	19	Fiat/Bertone
fire	26	18	Explosion or fire
fire	27	18	Explosion or fire
fire	105	15	Fire vehicle/emergency
fire	121	*	FIRE
fixed	25	*	FIXED OBJECT
fixed	26	9	Fixed object
fixed	27	9	Fixed object
flatbed	108	5	Flatbed
foggy	21	2	Foggy
followed	131	22	Followed too closely
followed	132	22	Followed too closely
followed	133	22	Followed too closely

Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
followed	134	22	Followed too closely
followed	312	22	Followed too closely
followed	313	22	Followed too closely
followed	314	22	Followed too closely
followed	315	22	Followed too closely
ford	160	2	Ford
ford truck	160	31	Ford Truck
foreign	18	4	Foreign material
format	157	12	VIN not in U.S. standard format (gray ma
freezing	131	42	Sleet, hail, freezing rain
freezing	132	42	Sleet, hail, freezing rain
freezing	133	42	Sleet, hail, freezing rain
freezing	134	42	Sleet, hail, freezing rain
freezing	312	42	Sleet, hail, freezing rain
freezing	313	42	Sleet, hail, freezing rain
freezing	314	42	Sleet, hail, freezing rain
freezing	315	42	Sleet, hail, freezing rain
front	124	1	Front left
front	125	1	Front left
front	126	1	Front left
front	127	1	Front left
front	128	1	Front left
front	204	1	Front left
full	131	7	Failed to give full time and attention
full	132	7	Failed to give full time and attention
full	133	7	Failed to give full time and attention
full	134	7	Failed to give full time and attention
full	137	2	One semi trailer + one full trailer
full	138	2	One semi trailer + one full trailer
full	139	2	One semi trailer + One full trailer
full	312	7	Failed to give full time and attention
full	313	7	Failed to give full time and attention
full	314	7	Failed to give full time and attention
full	315	7	Failed to give full time and attention
functional	129	3	Functional damage
garbage	108	9	Garbage / refuse
gem	160	71	GEM
gender	146	*	DRIVER GENDER
gender	206	*	GENDER
gender	305	*	GENDER
gmc truck	160	30	GMC Truck
gmca/passport/asuna	160	28	GMCA/Passport/Asuna
gore	13	14	Gore
government	9	6	Government road
grade	16	2	Straight and grade
gray	157	12	VIN not in U.S. standard format (gray ma
guardrail	25	5	Guardrail - barrier
hail	131	42	Sleet, hail, freezing rain
hail	132	42	Sleet, hail, freezing rain
hail	133	42	Sleet, hail, freezing rain
hail	134	42	Sleet, hail, freezing rain
hail	312	42	Sleet, hail, freezing rain
hail	313	42	Sleet, hail, freezing rain
hail	314	42	Sleet, hail, freezing rain
hail	315	42	Sleet, hail, freezing rain
handicaps	140	5	Other handicaps
handicaps	310	5	Other handicaps

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
hardtop	162	12	Hardtop
harmful	26	*	FIRST HARMFUL EVENT
harmful	27	*	SECOND HARMFUL EVENT
hazardous	113	*	HAZARDOUS MATERIAL SPILL
hazmat	114	*	HAZMAT NUMBER
head	24	1	Head on
head	307	5	Head light
head-on	24	14	Angle meets left head-on
height	170	*	VINDICATOR - HEIGHT
helmet	147	21	MC / bike helmet
helmet	207	21	MC / bike helmet
high	131	67	Shoulder low, soft, high
high	132	67	Shoulder low, soft, high
high	133	67	Shoulder low, soft, high
high	134	67	Shoulder low, soft, high
high	312	67	Shoulder low, soft, high
high	313	67	Shoulder low, soft, high
high	314	67	Shoulder low, soft, high
high	315	67	Shoulder low, soft, high
hill	16	3	Straight and hill
hitchhiking	311	60	Hitchhiking
hole	18	3	Holes, ruts, etc.
hole	131	64	Ruts, holes, bumps
hole	132	64	Ruts, holes, bumps
hole	133	64	Ruts, holes, bumps
hole	134	64	Ruts, holes, bumps
hole	312	64	Ruts, holes, bumps
hole	313	64	Ruts, holes, bumps
hole	314	64	Ruts, holes, bumps
hole	315	64	Ruts, holes, bumps
home	137	10	Travel / home trailer
home	138	10	Travel / home trailer
home	139	10	Travel / home trailer
honda	160	23	Honda
hood	124	17	Hood
hood	125	17	Hood
hood	126	17	Hood
hood	127	17	Hood
hood	128	17	Hood
horsepower	173	0	Minimum horsepower data missing
horsepower	174	0	Maximum horsepower data missing
hyundai	160	54	Hyundai
icc	111	*	ICC NUMBER
ice	19	4	Ice
icy	131	62	Icy or snow-covered
icy	132	62	Icy or snow-covered
icy	133	62	Icy or snow-covered
icy	134	62	Icy or snow-covered
icy	312	62	Icy or snow-covered
icy	313	62	Icy or snow-covered
icy	314	62	Icy or snow-covered
icy	315	62	Icy or snow-covered
identification	178	*	VEHICLE IDENTIFICATION #
ierr	157	*	VINDICATOR - IERR
ill	140	6	Ill
ill	310	6	Ill
illegal	152	12	Illegal drug present

Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
illegal	317	12	Illegal drug present
illegally	131	31	Illegally in roadway
illegally	132	31	Illegally in roadway
illegally	133	31	Illegally in roadway
illegally	134	31	Illegally in roadway
illegally	312	31	Illegally in roadway
illegally	313	31	Illegally in roadway
illegally	314	31	Illegally in roadway
illegally	315	31	Illegally in roadway
impact	13	*	IMPACT LANE LOCATION
impact	124	*	FIRST IMPACT AREA
impact	125	*	MAIN IMPACT AREA
impaired	151	*	DRIVER IMPAIRED
impaired	318	*	IMPAIRED
improper	131	10	Improper right-turn-on-red
improper	132	10	Improper right-turn-on-red
improper	133	10	Improper right-turn-on-red
improper	134	10	Improper right-turn-on-red
improper	157	21	VIN contains improper characters
improper	208	47	Size / type improper
improper	312	10	Improper right-turn-on-red
improper	313	10	Improper right-turn-on-red
improper	314	10	Improper right-turn-on-red
improper	315	10	Improper right-turn-on-red
inappropriate	157	71	Motorcycle or ATV VIN, inappropriate veh
infiniti	160	66	Infiniti
influence	131	1	Under influence of drugs
influence	132	1	Under influence of drugs
influence	133	1	Under influence of drugs
influence	134	1	Under influence of drugs
influence	312	1	Under influence of drugs
influence	313	1	Under influence of drugs
influence	314	1	Under influence of drugs
influence	315	1	Under influence of drugs
injured	29	0	Zero injured persons
injured	30	0	Zero fatally injured persons
injured	115	3	Injured
injured	117	*	NUMBER INJURED IN VEH
injured	210	1	Not injured
injured	306	1	Not injured
injuries	29	*	NUMBER OF INJURIES
injury	28	1	No injury
injury	115	*	WORST INJURY IN VEHICLE
injury	150	*	DRIVER INJURY SEVERITY
injury	210	*	INJURY SEVERITY
injury	306	*	INJURY SEVERITY
input	157	11	VIN model year / input model year confli
input	158	1	That VINDICATOR has made some change to
interference	131	29	Interference / obstruction by passenger
interference	132	29	Interference / obstruction by passenger
interference	133	29	Interference / obstruction by passenger
interference	134	29	Interference / obstruction by passenger
interference	312	29	Interference / obstruction by passenger
interference	313	29	Interference / obstruction by passenger
interference	314	29	Interference / obstruction by passenger
interference	315	29	Interference / obstruction by passenger
international	160	35	International



## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
intersection	11	2	Intersection
intersection	311	51	Cross / enter at intersection
interstate	9	1	Interstate
involved	14	*	RAMP INVOLVED
jackknife	26	13	Jackknife
jackknife	27	13	Jackknife
jaguar	160	44	Jaguar
january	3	1	January
jeep	160	34	Jeep
july	3	7	July
junction	11	*	JUNCTION
june	3	6	June
key	157	91	Series / model key not in table
kia	160	68	Kia
killed	118	*	NUMBER KILLED IN VEH
laforza	160	64	Laforza
lamborghini	160	63	Lamborghini
lancia	160	43	Lancia
land rover	160	60	Land Rover
lane	12	*	LANE DIRECTION
lane	13	*	IMPACT LANE LOCATION
lane	130	4	Starting from lane
lane	131	9	Failure to drive within a single lane
lane	132	9	Failure to drive within a single lane
lane	133	9	Failure to drive within a single lane
lane	134	9	Failure to drive within a single lane
lane	312	9	Failure to drive within a single lane
lane	313	9	Failure to drive within a single lane
lane	314	9	Failure to drive within a single lane
lane	315	9	Failure to drive within a single lane
lap	147	11	Lap belt only
lap	207	11	Lap belt only
leave	311	61	Approach / leave school bus
left	13	16	Left turn lane
left	24	2	Head on left turn
left	124	1	Front left
left	125	1	Front left
left	126	1	Front left
left	127	1	Front left
left	128	1	Front left
left	130	12	Making left turn
left	204	1	Front left
length	157	11	VIN has zero length
length	168	*	VINDICATOR - LENGTH
level	16	1	Straight and level
lexus	160	65	Lexus
license	131	8	Did not comply with license restriction
license	132	8	Did not comply with license restriction
license	133	8	Did not comply with license restriction
license	134	8	Did not comply with license restriction
license	142	*	DRIVER LICENSE CLASS
license	312	8	Did not comply with license restriction
license	313	8	Did not comply with license restriction
license	314	8	Did not comply with license restriction
license	315	8	Did not comply with license restriction
light	20	*	LIGHT
light	25	8	Light support pole

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
light	131	47	Vision obstruction (including blinded by
light	132	47	Vision obstruction (including blinded by
light	133	47	Vision obstruction (including blinded by
light	134	47	Vision obstruction (including blinded by
light	307	1	Light clothing
light	312	47	Vision obstruction (including blinded by
light	313	47	Vision obstruction (including blinded by
light	314	47	Vision obstruction (including blinded by
light	315	47	Vision obstruction (including blinded by
lighted	18	6	Obstruction not lighted
limit	123	*	SPEED LIMIT
limit	131	18	Exceeded speed limit
limit	132	18	Exceeded speed limit
limit	133	18	Exceeded speed limit
limit	134	18	Exceeded speed limit
limit	312	18	Exceeded speed limit
limit	313	18	Exceeded speed limit
limit	314	18	Exceeded speed limit
limit	315	18	Exceeded speed limit
limousine	105	4	Limousine
lincoln	160	13	Lincoln
loose	18	5	Loose surface material
loose	208	46	Strap / tether loose
lot	12	5	Parking lot
lot	13	19	Parking lot
lotus	160	52	Lotus
low	131	67	Shoulder low, soft, high
low	132	67	Shoulder low, soft, high
low	133	67	Shoulder low, soft, high
low	134	67	Shoulder low, soft, high
low	312	67	Shoulder low, soft, high
low	313	67	Shoulder low, soft, high
low	314	67	Shoulder low, soft, high
low	315	67	Shoulder low, soft, high
luxury	165	3	Luxury
machine	303	6	Machine operator/rider
main	125	*	MAIN IMPACT AREA
maintenance	131	65	Road under construction or maintenance
maintenance	132	65	Road under construction or maintenance
maintenance	133	65	Road under construction or maintenance
maintenance	134	65	Road under construction or maintenance
maintenance	312	65	Road under construction or maintenance
maintenance	313	65	Road under construction or maintenance
maintenance	314	65	Road under construction or maintenance
maintenance	315	65	Road under construction or maintenance
make	102	*	VEHICLE MAKE
make	157	51	Make code not valid for VIN pattern
make	160	*	VINDICATOR - MAKE
make	161	*	VINDICATOR - MAKE/MODEL
male	146	1	Male
male	206	1	Male
male	305	1	Male
malfunction	309	4	Pedestrian signal malfunction
manual	171	1	Manual belt
march	3	3	March
marking	12	6	No lane markings or at centerline
marking	13	20	No lane markings or at centerline

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
maryland	9	3	Maryland route
maserati	160	56	Maserati
material	18	4	Foreign material
material	113	*	HAZARDOUS MATERIAL SPILL
material	307	4	Reflective material
maximum	174	0	Maximum horsepower data missing
maximum horsepower	174	*	VINDICATOR - MAXHP
may	3	5	May
maybach	160	73	Maybach
mazda	160	18	Mazda
mc	147	21	MC / bike helmet
mc	207	21	MC / bike helmet
median	13	12	Median
medication	131	3	Under influence of medication
medication	132	3	Under influence of medication
medication	133	3	Under influence of medication
medication	134	3	Under influence of medication
medication	152	13	Medication present
medication	312	3	Under influence of medication
medication	313	3	Under influence of medication
medication	314	3	Under influence of medication
medication	315	3	Under influence of medication
medication	317	13	Medication present
meets	24	12	Angle meets right turn
mental	131	5	Physical / mental difficulty
mental	132	5	Physical / mental difficulty
mental	133	5	Physical / mental difficulty
mental	134	5	Physical / mental difficulty
mental	312	5	Physical / mental difficulty
mental	313	5	Physical / mental difficulty
mental	314	5	Physical / mental difficulty
mental	315	5	Physical / mental difficulty
mercedes benz	160	36	Mercedes Benz
mercury	160	9	Mercury
mg	160	25	MG
midnight	5	2400	Midnight
midsize	164	3	Midsize
mini	160	72	Mini
mini	164	1	Mini
minimum	173	0	Minimum horsepower data missing
minimum horsepower	173	*	VINDICATOR - MINHP
misuse	148	1	No misuse
misuse	208	1	No misuse
misused	148	3	Belts misused
misused	208	3	Belt(s) misused
mitsubishi	160	51	Mitsubishi
mixed	307	3	Mixed clothing
mixer	108	7	Concrete mixer
mobile	137	11	Mobile home
mobile	138	11	Mobile home
mobile	139	11	Mobile home
model	103	*	VEHICLE MODEL
model	157	61	VIN model year / pattern conflict
model	161	*	VINDICATOR - MAKE/MODEL
month	3	*	MONTH OF ACCIDENT
moped	105	19	Moped
motorcycle	105	1	Motorcycle

Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
motorcycle	157	71	Motorcycle or ATV VIN, inappropriate veh
movement	24	11	Straight movement angle
movement	130	*	MOVEMENT
movement	311	*	PEDESTRIAN MOVEMENT
moving	130	1	Moving constant speed
mud	19	5	Mud
municipal	9	5	Municipal route
municipality	7	*	MUNICIPALITY
nearest	13	1	Lane 1 - nearest centerline
non-collision	26	15	Other non-collision
non-collision	27	15	Other non-collision
non-emergency	105	14	Ambulance/non-emergency
non-intersection	11	1	Non-intersection
nonmotorist	31	1	One nonmotorist
nonmotorist	303	*	NONMOTORIST TYPE
nonmotorist	320	*	NONMOTORIST BAC
nonmotorists	31	*	NUMBER OF NONMOTORISTS
normal	140	1	Apparently normal
normal	310	1	Apparently normal
north	12	1	North
north	135	1	North
north	136	1	North
north-east	15	4	North-East
north-west	15	1	North-West
november	3	11	November
number	1	*	ACCIDENT NUMBER
number	23	*	NUMBER OF VEHICLES INVOL
number	29	*	NUMBER OF INJURIES
number	30	*	NUMBER OF FATALITIES
number	31	*	NUMBER OF NONMOTORISTS
number	101	*	VEHICLE NUMBER
number	110	*	NUMBER OF AXLES
number	111	*	ICC NUMBER
number	112	*	USDOT NUMBER
number	114	*	HAZMAT NUMBER
number	116	*	NUMBER OF OCCUPANTS
number	117	*	NUMBER INJURED IN VEH
number	118	*	NUMBER KILLED IN VEH
number	201	*	OCCUPANT UNIT NUMBER
number	202	*	OCCUPANT NUMBER
number	301	*	UNIT NUMBER
obey	131	12	Failed to obey stop sign
obey	132	12	Failed to obey stop sign
obey	133	12	Failed to obey stop sign
obey	134	12	Failed to obey stop sign
obey	309	*	DID PED OBEY SIGNAL
obey	312	12	Failed to obey stop sign
obey	313	12	Failed to obey stop sign
obey	314	12	Failed to obey stop sign
obey	315	12	Failed to obey stop sign
obeyed	309	2	Obeyed pedestrian signal
object	25	*	FIXED OBJECT
object	26	9	Fixed object
object	27	9	Fixed object
obstruction	18	6	Obstruction not lighted
obstruction	131	29	Interference / obstruction by passenger
obstruction	132	29	Interference / obstruction by passenger

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
obstruction	133	29	Interference / obstruction by passenger
obstruction	134	29	Interference / obstruction by passenger
obstruction	312	29	Interference / obstruction by passenger
obstruction	313	29	Interference / obstruction by passenger
obstruction	314	29	Interference / obstruction by passenger
obstruction	315	29	Interference / obstruction by passenger
occupant	116	*	NUMBER OF OCCUPANTS
occupant	201	*	OCCUPANT UNIT NUMBER
occupant	202	*	OCCUPANT NUMBER
occupant	203	*	OCCUPANT TYPE
october	3	10	October
old	144	0	Less than 1 year old
old	205	0	Less than 1 year old
old	304	0	Less than 1 year old
oldsmobile	160	6	Oldsmobile
one-way	131	17	Wrong way on one-way
one-way	132	17	Wrong way on one-way
one-way	133	17	Wrong way on one-way
one-way	134	17	Wrong way on one-way
one-way	312	17	Wrong way on one-way
one-way	313	17	Wrong way on one-way
one-way	314	17	Wrong way on one-way
one-way	315	17	Wrong way on one-way
opel/isuzu	160	14	Opel/Isuzu
operator	131	19	Operator using cellular phone
operator	132	19	Operator using cellular phone
operator	133	19	Operator using cellular phone
operator	134	19	Operator using cellular phone
operator	303	6	Machine operator/rider
operator	312	19	Operator using cellular phone
operator	313	19	Operator using cellular phone
operator	314	19	Operator using cellular phone
operator	315	19	Operator using cellular phone
opposite	24	6	Opposite Direction sideswipe
opt	171	6	Air bags (driver + passenger (std)); side
outside	204	9	Outside vehicle
outside	308	4	Outside right-of-way
overpass	25	1	Bridge - overpass
overturn	26	11	Overturn
overturn	27	11	Overturn
overturn	124	23	Overturn
overturn	125	23	Overturn
overturn	126	23	Overturn
overturn	127	23	Overturn
overturn	128	23	Overturn
panther	160	62	Panther
parked	26	2	Parked vehicle
parked	27	2	Parked vehicle
parked	120	*	PARKED VEHICLE
parked	130	5	Starting from parked
parking	12	5	Parking lot
parking	13	19	Parking lot
parking	130	9	Parking
parking	131	28	Improper parking
parking	132	28	Improper parking
parking	133	28	Improper parking
parking	134	28	Improper parking

Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
parking	312	28	Improper parking
parking	313	28	Improper parking
parking	314	28	Improper parking
parking	315	28	Improper parking
partially	149	3	Partially ejected
partially	209	3	Partially ejected
passenger	131	29	Interference / obstruction by passenger
passenger	132	29	Interference / obstruction by passenger
passenger	133	29	Interference / obstruction by passenger
passenger	134	29	Interference / obstruction by passenger
passenger	162	1	2-3 passenger
passenger	163	0	Passenger cars or no data
passenger	165	5	Passenger van
passenger	171	4	Air bags (driver + passenger)
passenger	203	2	Passenger
passenger	204	8	Bus passenger
passenger	312	29	Interference / obstruction by passenger
passenger	313	29	Interference / obstruction by passenger
passenger	314	29	Interference / obstruction by passenger
passenger	315	29	Interference / obstruction by passenger
passing	130	8	Passing
passing	131	26	Improper passing
passing	132	26	Improper passing
passing	133	26	Improper passing
passing	134	26	Improper passing
passing	312	26	Improper passing
passing	313	26	Improper passing
passing	314	26	Improper passing
passing	315	26	Improper passing
pattern	157	41	VIN does not match any valid pattern
pedalcycle	26	5	Other pedalcycle
pedalcycle	27	5	Other pedalcycle
pedalcyclist	303	3	Other pedalcyclist
pedestrian	26	3	Pedestrian
pedestrian	27	3	Pedestrian
pedestrian	302	3	Pedestrian
pedestrian	303	1	Pedestrian
pedestrian	307	*	PEDESTRIAN VISIBLE
pedestrian	308	*	PEDESTRIAN LOCATION
pedestrian	309	*	DID PED OBEY SIGNAL
pedestrian	310	*	PEDESTRIAN CONDITION
pedestrian	311	*	PEDESTRIAN MOVEMENT
person	29	0	Zero injured persons
person	30	0	Zero fatally injured persons
person	302	*	PERSON TYPE
peugeot	160	40	Peugeot
phone	131	19	Operator using cellular phone
phone	132	19	Operator using cellular phone
phone	133	19	Operator using cellular phone
phone	134	19	Operator using cellular phone
phone	312	19	Operator using cellular phone
phone	313	19	Operator using cellular phone
phone	314	19	Operator using cellular phone
phone	315	19	Operator using cellular phone
physical	131	5	Physical / mental difficulty
physical	132	5	Physical / mental difficulty
physical	133	5	Physical / mental difficulty

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
physical	134	5	Physical / mental difficulty
physical	140	4	Physical defects
physical	310	4	Physical defects
physical	312	5	Physical / mental difficulty
physical	313	5	Physical / mental difficulty
physical	314	5	Physical / mental difficulty
physical	315	5	Physical / mental difficulty
pickup	105	20	Pickup truck
pickup	163	2	Pickups and chassis cabs
pickup	165	6	Pickup
playing	311	55	Playing
plymouth	160	5	Plymouth
pole	25	8	Light support pole
police	105	17	Police vehicle/emergency
pontiac	160	3	Pontiac
porsche	160	24	Porsche
position	204	*	SEAT POSITION
positive	153	2	Positive preliminary test
positive	319	2	Positive preliminary test
possible	28	2	Possible injury
possible	115	2	Possible injury
possible	150	2	Possible injury
possible	210	2	Possible injury
possible	306	2	Possible injury
preliminary	153	2	Positive preliminary test
preliminary	319	2	Positive preliminary test
problem	148	*	SAFETY EQUIPMENT PROBLEM
problem	208	*	SAFETY EQUIPMENT PROBLEM
provided	176	0	Transmission data is missing or not prov
provided	177	0	Engine data is missing or not provided
public	9	8	Other public road
push	311	58	Push / work on vehicle
quarter	124	4	Right side front quarter
quarter	125	4	Right side front quarter
quarter	126	4	Right side front quarter
quarter	127	4	Right side front quarter
quarter	128	4	Right side front quarter
railway	26	7	Railway train
railway	27	7	Railway train
rain	131	42	Sleet, hail, freezing rain
rain	132	42	Sleet, hail, freezing rain
rain	133	42	Sleet, hail, freezing rain
rain	134	42	Sleet, hail, freezing rain
rain	312	42	Sleet, hail, freezing rain
rain	313	42	Sleet, hail, freezing rain
rain	314	42	Sleet, hail, freezing rain
rain	315	42	Sleet, hail, freezing rain
raining	21	3	Raining
ramp	12	0	On a ramp
ramp	13	0	On a ramp
ramp	14	*	RAMP INVOLVED
ramp	15	*	RAMP DIRECTION
rear	124	7	Right side rear quarter
rear	125	7	Right side rear quarter
rear	126	7	Right side rear quarter
rear	127	7	Right side rear quarter
rear	128	7	Right side rear quarter

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
rear	204	4	Rear left
rear	307	6	Rear reflector
rear-end	24	3	Same direction rear-end
recreational	105	8	Recreational vehicle
reflective	307	4	Reflective material
reflector	307	6	Rear reflector
refuse	108	9	Garbage / refuse
refused	153	1	Test refused
refused	319	1	Test refused
registration	106	*	REGISTRATION STATE
related	11	3	Intersection related
renault/eagle	160	38	Renault/Eagle
residence	155	*	RESIDENCE STATE
restraint	147	14	Child / youth restraint
restraint	171	*	VINDICATOR - RSTN
restraint	207	14	Child / youth restraint
restriction	131	8	Did not comply with license restriction
restriction	132	8	Did not comply with license restriction
restriction	133	8	Did not comply with license restriction
restriction	134	8	Did not comply with license restriction
restriction	312	8	Did not comply with license restriction
restriction	313	8	Did not comply with license restriction
restriction	314	8	Did not comply with license restriction
restriction	315	8	Did not comply with license restriction
rider	303	4	Rider of animal
riding	311	53	Walking / riding with traffic
right	13	15	Right turn lane
right	24	4	Same direction rear-end - right turn
right	124	2	Front right
right	125	2	Front right
right	126	2	Front right
right	127	2	Front right
right	128	2	Front right
right	130	13	Making right turn
right	131	15	Failed to keep right of center
right	132	15	Failed to keep right of center
right	133	15	Failed to keep right of center
right	134	15	Failed to keep right of center
right	204	3	Front right
right	312	15	Failed to keep right of center
right	313	15	Failed to keep right of center
right	314	15	Failed to keep right of center
right	315	15	Failed to keep right of center
right-of-way	131	11	Failed to yield right-of-way
right-of-way	132	11	Failed to yield right-of-way
right-of-way	133	11	Failed to yield right-of-way
right-of-way	134	11	Failed to yield right-of-way
right-of-way	308	4	Outside right-of-way
right-of-way	312	11	Failed to yield right-of-way
right-of-way	313	11	Failed to yield right-of-way
right-of-way	314	11	Failed to yield right-of-way
right-of-way	315	11	Failed to yield right-of-way
right-turn-on-red	130	14	Right-turn-on-red
right-turn-on-red	131	10	Improper right-turn-on-red
right-turn-on-red	132	10	Improper right-turn-on-red
right-turn-on-red	133	10	Improper right-turn-on-red
right-turn-on-red	134	10	Improper right-turn-on-red



Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
right-turn-on-red	312	10	Improper right-turn-on-red
right-turn-on-red	313	10	Improper right-turn-on-red
right-turn-on-red	314	10	Improper right-turn-on-red
right-turn-on-red	315	10	Improper right-turn-on-red
road	9	6	Government road
road	13	11	Off road
road	17	2	One way road or street
road	18	*	ROAD CONDITION
road	19	*	ROAD SURFACE CONDITION
road	26	16	Off road
road	27	16	Off road
road	131	65	Road under construction or maintenance
road	132	65	Road under construction or maintenance
road	133	65	Road under construction or maintenance
road	134	65	Road under construction or maintenance
road	312	65	Road under construction or maintenance
road	313	65	Road under construction or maintenance
road	314	65	Road under construction or maintenance
road	315	65	Road under construction or maintenance
roadway	16	*	ROADWAY CHARACTER
roadway	131	20	Stopping in lane / roadway
roadway	132	20	Stopping in lane / roadway
roadway	133	20	Stopping in lane / roadway
roadway	134	20	Stopping in lane / roadway
roadway	308	5	On roadway at crosswalk
roadway	312	20	Stopping in lane / roadway
roadway	313	20	Stopping in lane / roadway
roadway	314	20	Stopping in lane / roadway
roadway	315	20	Stopping in lane / roadway
rolls royce	160	46	Rolls Royce
roof	124	18	Roof / top
roof	125	18	Roof / top
roof	126	18	Roof / top
roof	127	18	Roof / top
roof	128	18	Roof / top
route	9	*	ROUTE TYPE
run	122	*	HIT AND RUN
runaway	26	17	Downhill runaway
runaway	27	17	Downhill runaway
rut	18	3	Holes, ruts, etc.
rut	131	64	Ruts, holes, bumps
rut	132	64	Ruts, holes, bumps
rut	133	64	Ruts, holes, bumps
rut	134	64	Ruts, holes, bumps
rut	312	64	Ruts, holes, bumps
rut	313	64	Ruts, holes, bumps
rut	314	64	Ruts, holes, bumps
rut	315	64	Ruts, holes, bumps
saab	160	39	Saab
safety	147	*	DRIVER SAFETY EQUIPMENT
safety	148	*	SAFETY EQUIPMENT PROBLEM
safety	207	*	SAFETY EQUIPMENT
safety	208	*	SAFETY EQUIPMENT PROBLEM
sand	131	43	Blowing sand, soil, dirt
sand	132	43	Blowing sand, soil, dirt
sand	133	43	Blowing sand, soil, dirt
sand	134	43	Blowing sand, soil, dirt

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
sand	312	43	Blowing sand, soil, dirt
sand	313	43	Blowing sand, soil, dirt
sand	314	43	Blowing sand, soil, dirt
sand	315	43	Blowing sand, soil, dirt
saturn	160	67	Saturn
school	105	12	School bus
school	131	16	Failed to stop for school bus
school	132	16	Failed to stop for school bus
school	133	16	Failed to stop for school bus
school	134	16	Failed to stop for school bus
school	308	7	In school bus zone
school	311	61	Approach / leave school bus
school	312	16	Failed to stop for school bus
school	313	16	Failed to stop for school bus
school	314	16	Failed to stop for school bus
school	315	16	Failed to stop for school bus
scion	160	74	Scion
seat	204	*	SEAT POSITION
secure	208	44	Anchor not secure
sedan	162	8	Sedan
semi	137	1	One semi trailer
semi	138	1	One semi trailer
semi	139	1	One semi trailer
separated	26	14	Units separated
separated	27	14	Units separated
september	3	9	September
series	157	91	Series / model key not in table
service	9	7	Service drive
severe	21	5	Severe winds
severe	131	44	Severe crosswinds
severe	132	44	Severe crosswinds
severe	133	44	Severe crosswinds
severe	134	44	Severe crosswinds
severe	312	44	Severe crosswinds
severe	313	44	Severe crosswinds
severe	314	44	Severe crosswinds
severe	315	44	Severe crosswinds
severity	28	*	ACCIDENT SEVERITY
severity	150	*	DRIVER INJURY SEVERITY
severity	210	*	INJURY SEVERITY
severity	306	*	INJURY SEVERITY
shield	147	22	MC / bike eye shield only
shield	207	22	MC / bike eye shield only
shoulder	13	10	Shoulder
shoulder	18	2	Shoulder defect
shoulder	131	67	Shoulder low, soft, high
shoulder	132	67	Shoulder low, soft, high
shoulder	133	67	Shoulder low, soft, high
shoulder	134	67	Shoulder low, soft, high
shoulder	147	12	Shoulder belt only
shoulder	207	12	Shoulder belt only
shoulder	308	1	Shoulder
shoulder	312	67	Shoulder low, soft, high
shoulder	313	67	Shoulder low, soft, high
shoulder	314	67	Shoulder low, soft, high
shoulder	315	67	Shoulder low, soft, high
shrubbery	25	11	Tree - shrubbery

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
side	124	4	Right side front quarter
side	125	4	Right side front quarter
side	126	4	Right side front quarter
side	127	4	Right side front quarter
side	128	4	Right side front quarter
side	171	5	Air bags (driver + passenger + side)
sideswipe	24	6	Opposite Direction sideswipe
sidewalk	308	3	Sidewalk
sign	25	9	Sign support pole
sign	131	12	Failed to obey stop sign
sign	132	12	Failed to obey stop sign
sign	133	12	Failed to obey stop sign
sign	134	12	Failed to obey stop sign
sign	312	12	Failed to obey stop sign
sign	313	12	Failed to obey stop sign
sign	314	12	Failed to obey stop sign
sign	315	12	Failed to obey stop sign
signal	10	*	SIGNAL
signal	131	13	Failed to obey traffic signal
signal	132	13	Failed to obey traffic signal
signal	133	13	Failed to obey traffic signal
signal	134	13	Failed to obey traffic signal
signal	309	*	DID PED OBEY SIGNAL
signal	312	13	Failed to obey traffic signal
signal	313	13	Failed to obey traffic signal
signal	314	13	Failed to obey traffic signal
signal	315	13	Failed to obey traffic signal
signaled	18	7	Obstruction not signaled
single	24	17	Single vehicle
single	105	5	Single truck (2 axles)
single	131	9	Failure to drive within a single lane
single	132	9	Failure to drive within a single lane
single	133	9	Failure to drive within a single lane
single	134	9	Failure to drive within a single lane
single	312	9	Failure to drive within a single lane
single	313	9	Failure to drive within a single lane
single	314	9	Failure to drive within a single lane
single	315	9	Failure to drive within a single lane
size	164	*	VINDICATOR - SIZE
size	208	47	Size / type improper
skidding	130	16	Skidding
sleet	21	4	Snow / sleet
sleet	131	42	Sleet, hail, freezing rain
sleet	132	42	Sleet, hail, freezing rain
sleet	133	42	Sleet, hail, freezing rain
sleet	134	42	Sleet, hail, freezing rain
sleet	312	42	Sleet, hail, freezing rain
sleet	313	42	Sleet, hail, freezing rain
sleet	314	42	Sleet, hail, freezing rain
sleet	315	42	Sleet, hail, freezing rain
slowing	130	3	Slowing or stopping
small	164	2	Small
smart	160	76	Smart
smog	131	41	Smog, smoke
smog	132	41	Smog, smoke
smog	133	41	Smog, smoke
smog	134	41	Smog, smoke

Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
smog	312	41	Smog, smoke
smog	313	41	Smog, smoke
smog	314	41	Smog, smoke
smog	315	41	Smog, smoke
smoke	131	41	Smog, smoke
smoke	132	41	Smog, smoke
smoke	133	41	Smog, smoke
smoke	134	41	Smog, smoke
smoke	312	41	Smog, smoke
smoke	313	41	Smog, smoke
smoke	314	41	Smog, smoke
smoke	315	41	Smog, smoke
snow	19	3	Snow
snow	21	4	Snow / sleet
snow	131	45	Rain, snow
snow	132	45	Rain, snow
snow	133	45	Rain, snow
snow	134	45	Rain, snow
snow	312	45	Rain, snow
snow	313	45	Rain, snow
snow	314	45	Rain, snow
snow	315	45	Rain, snow
snow-covered	131	62	Icy or snow-covered
snow-covered	132	62	Icy or snow-covered
snow-covered	133	62	Icy or snow-covered
snow-covered	134	62	Icy or snow-covered
snow-covered	312	62	Icy or snow-covered
snow-covered	313	62	Icy or snow-covered
snow-covered	314	62	Icy or snow-covered
snow-covered	315	62	Icy or snow-covered
soft	131	67	Shoulder low, soft, high
soft	132	67	Shoulder low, soft, high
soft	133	67	Shoulder low, soft, high
soft	134	67	Shoulder low, soft, high
soft	312	67	Shoulder low, soft, high
soft	313	67	Shoulder low, soft, high
soft	314	67	Shoulder low, soft, high
soft	315	67	Shoulder low, soft, high
soil	131	43	Blowing sand, soil, dirt
soil	132	43	Blowing sand, soil, dirt
soil	133	43	Blowing sand, soil, dirt
soil	134	43	Blowing sand, soil, dirt
soil	312	43	Blowing sand, soil, dirt
soil	313	43	Blowing sand, soil, dirt
soil	314	43	Blowing sand, soil, dirt
soil	315	43	Blowing sand, soil, dirt
south	12	2	South
south	135	2	South
south	136	2	South
south-east	15	5	South-East
south-west	15	8	South-West
specialty	165	12	Specialty car
speed	123	*	SPEED LIMIT
speed	130	1	Moving constant speed
speed	131	18	Exceeded speed limit
speed	132	18	Exceeded speed limit
speed	133	18	Exceeded speed limit

Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
speed	134	18	Exceeded speed limit
speed	312	18	Exceeded speed limit
speed	313	18	Exceeded speed limit
speed	314	18	Exceeded speed limit
speed	315	18	Exceeded speed limit
spill	113	*	HAZARDOUS MATERIAL SPILL
spilled	26	12	Spilled cargo
spilled	27	12	Spilled cargo
sport	105	23	Sport utility vehicle
sports	165	4	Sports
standard	157	12	VIN not in U.S. standard format (gray ma
standard	164	7	Standard
standing	311	56	Standing
starting	130	4	Starting from lane
state	106	*	REGISTRATION STATE
state	155	*	RESIDENCE STATE
station	105	3	Station wagon
station	165	11	Station wagon
std	171	6	Air bags (driver + passenger (std); side
steering	131	53	Steering
steering	132	53	Steering
steering	133	53	Steering
steering	134	53	Steering
steering	312	53	Steering
steering	313	53	Steering
steering	314	53	Steering
steering	315	53	Steering
sterling	160	59	Sterling
stopped	130	6	Stopped in traffic lane
stopping	130	3	Slowing or stopping
stopping	131	20	Stopping in lane / roadway
stopping	132	20	Stopping in lane / roadway
stopping	133	20	Stopping in lane / roadway
stopping	134	20	Stopping in lane / roadway
stopping	312	20	Stopping in lane / roadway
stopping	313	20	Stopping in lane / roadway
stopping	314	20	Stopping in lane / roadway
stopping	315	20	Stopping in lane / roadway
straight	16	1	Straight and level
straight	24	11	Straight movement angle
strap	208	46	Strap / tether loose
strapped	208	45	Not strapped correctly
street	17	2	One way road or street
style	165	*	VINDICATOR - STYLE CLASS
subaru	160	26	Subaru
substance	152	*	SUBSTANCE USE
substance	317	*	SUBSTANCE USE
substitution	158	8	Character substitution data missing
sun	131	47	Vision obstruction (including blinded by
sun	132	47	Vision obstruction (including blinded by
sun	133	47	Vision obstruction (including blinded by
sun	134	47	Vision obstruction (including blinded by
sun	312	47	Vision obstruction (including blinded by
sun	313	47	Vision obstruction (including blinded by
sun	314	47	Vision obstruction (including blinded by
sun	315	47	Vision obstruction (including blinded by
superficial	129	2	Superficial damage

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
support	25	8	Light support pole
surface	18	5	Loose surface material
surface	19	*	ROAD SURFACE CONDITION
suzuki	160	55	Suzuki
table	157	91	Series / model key not in table
tank	108	4	Cargo tank
tesla	160	77	Tesla
test	153	1	Test refused
test	319	1	Test refused
tests	153	*	DRIVER TESTS
tests	319	*	TESTS
tether	208	46	Strap / tether loose
time	5	*	TIME OF ACCIDENT
time	131	7	Failed to give full time and attention
time	132	7	Failed to give full time and attention
time	133	7	Failed to give full time and attention
time	134	7	Failed to give full time and attention
time	312	7	Failed to give full time and attention
time	313	7	Failed to give full time and attention
time	314	7	Failed to give full time and attention
time	315	7	Failed to give full time and attention
tire	131	52	Tires
tire	132	52	Tires
tire	133	52	Tires
tire	134	52	Tires
tire	312	52	Tires
tire	313	52	Tires
tire	314	52	Tires
tire	315	52	Tires
top	124	18	Roof / top
top	125	18	Roof / top
top	126	18	Roof / top
top	127	18	Roof / top
top	128	18	Roof / top
towed	137	*	TOWED UNIT-TYPE 1
towed	138	*	TOWED UNIT-TYPE 2
towed	139	*	TOWED UNIT-TYPE 3
toyota	160	16	Toyota
tractor	108	3	Truck / tractor
traffic	130	6	Stopped in traffic lane
traffic	131	13	Failed to obey traffic signal
traffic	132	13	Failed to obey traffic signal
traffic	133	13	Failed to obey traffic signal
traffic	134	13	Failed to obey traffic signal
traffic	311	53	Walking / riding with traffic
traffic	312	13	Failed to obey traffic signal
traffic	313	13	Failed to obey traffic signal
traffic	314	13	Failed to obey traffic signal
traffic	315	13	Failed to obey traffic signal
trailer	131	57	Trailer coupling
trailer	132	57	Trailer coupling
trailer	133	57	Trailer coupling
trailer	134	57	Trailer coupling
trailer	137	1	One semi trailer
trailer	138	1	One semi trailer
trailer	139	1	One semi trailer
trailer	312	57	Trailer coupling

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
trailer	313	57	Trailer coupling
trailer	314	57	Trailer coupling
trailer	315	57	Trailer coupling
train	26	7	Railway train
train	27	7	Railway train
transit	105	10	Transit bus
transmission	176	*	VINDICATOR - TRANS
transporter	108	8	Auto transporter
trapped	149	1	Not ejected or trapped
trapped	209	1	Not ejected or trapped
travel	137	10	Travel / home trailer
travel	138	10	Travel / home trailer
travel	139	10	Travel / home trailer
tree	25	11	Tree - shrubbery
triumph	160	41	Triumph
trouble	131	59	Engine trouble
trouble	132	59	Engine trouble
trouble	133	59	Engine trouble
trouble	134	59	Engine trouble
trouble	312	59	Engine trouble
trouble	313	59	Engine trouble
trouble	314	59	Engine trouble
trouble	315	59	Engine trouble
truck	105	5	Single truck (2 axles)
truck	108	3	Truck / tractor
truck	165	13	Specialty truck
truck	204	7	In body of truck
truck-tractor	105	7	Truck-tractor (cab)
trunk	124	19	Trunk
trunk	125	19	Trunk
trunk	126	19	Trunk
trunk	127	19	Trunk
trunk	128	19	Trunk
tvr	160	58	TVR
under	131	1	Under influence of drugs
under	132	1	Under influence of drugs
under	133	1	Under influence of drugs
under	134	1	Under influence of drugs
under	312	1	Under influence of drugs
under	313	1	Under influence of drugs
under	314	1	Under influence of drugs
under	315	1	Under influence of drugs
underside	124	22	Underside
underside	125	22	Underside
underside	126	22	Underside
underside	127	22	Underside
underside	128	22	Underside
undivided	17	*	DIVIDED/UNDIVIDED
unit	26	14	Units separated
unit	27	14	Units separated
unit	201	*	OCCUPANT UNIT NUMBER
unit	301	*	UNIT NUMBER
unit-type	137	*	TOWED UNIT-TYPE 1
unit-type	138	*	TOWED UNIT-TYPE 2
unit-type	139	*	TOWED UNIT-TYPE 3
us	9	2	US route
usdot	112	*	USDOT NUMBER

## Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
utility	105	23	Sport utility vehicle
utility	137	7	Utility trailer
utility	138	7	Utility trailer
utility	139	7	Utility trailer
utility	163	3	Utility vehicles
utility	165	8	Utility
u-turn	26	20	U-turn
u-turn	27	20	U-turn
u-turn	130	15	Making U-turn
valid	157	41	VIN does not match any valid pattern
van	105	21	Van
van	108	2	Van / enclosed box
van	163	1	Vans (All cargo & large passenger vans)
van	165	5	Passenger van
vehicle type	163	*	VINDICATOR - VEHTP
vin	157	11	VIN has zero length
vin	158	1	That VINDICATOR has made some change to
vindicator	157	*	VINDICATOR - IERR
vindicator	158	*	VINDICATOR - ALTSW
vindicator	159	*	VINDICATOR - YEAR
vindicator	160	*	VINDICATOR - MAKE
vindicator	161	*	VINDICATOR - MAKE/MODEL
vindicator	162	*	VINDICATOR - BODY
vindicator	163	*	VINDICATOR - VEHTP
vindicator	164	*	VINDICATOR - SIZE
vindicator	165	*	VINDICATOR - STYLE CLASS
vindicator	166	*	VINDICATOR - WEIGHT
vindicator	167	*	VINDICATOR - WHLBS
vindicator	168	*	VINDICATOR - LENGTH
vindicator	169	*	VINDICATOR - WIDTH
vindicator	170	*	VINDICATOR - HEIGHT
vindicator	171	*	VINDICATOR - RSTN
vindicator	172	*	VINDICATOR - ATD / DRL
vindicator	173	*	VINDICATOR - MINHP
vindicator	174	*	VINDICATOR - MAXHP
vindicator	175	*	VINDICATOR - ABS
vindicator	176	*	VINDICATOR - TRANS
vindicator	177	*	VINDICATOR - ENGINE
violation	131	32	Bicycle violation
violation	132	32	Bicycle violation
violation	133	32	Bicycle violation
violation	134	32	Bicycle violation
violation	312	32	Bicycle violation
violation	313	32	Bicycle violation
violation	314	32	Bicycle violation
violation	315	32	Bicycle violation
visible	131	37	Clothing not visible
visible	132	37	Clothing not visible
visible	133	37	Clothing not visible
visible	134	37	Clothing not visible
visible	307	*	PEDESTRIAN VISIBLE
visible	312	37	Clothing not visible
visible	313	37	Clothing not visible
visible	314	37	Clothing not visible
visible	315	37	Clothing not visible
vision	131	47	Vision obstruction (including blinded by
vision	132	47	Vision obstruction (including blinded by



Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
vision	133	47	Vision obstruction (including blinded by
vision	134	47	Vision obstruction (including blinded by
vision	312	47	Vision obstruction (including blinded by
vision	313	47	Vision obstruction (including blinded by
vision	314	47	Vision obstruction (including blinded by
vision	315	47	Vision obstruction (including blinded by
volkswagen	160	8	Volkswagen
volvo	160	20	Volvo
wagon	105	3	Station wagon
wagon	162	4	Wagon
wagon	165	11	Station wagon
walking	311	53	Walking / riding with traffic
weather	21	*	WEATHER
weight	166	*	VINDICATOR - WEIGHT
west	12	4	West
west	135	4	West
west	136	4	West
west-north	15	2	West-North
west-south	15	7	West-South
wet	19	1	Wet
wet	131	61	Wet
wet	132	61	Wet
wet	133	61	Wet
wet	134	61	Wet
wet	312	61	Wet
wet	313	61	Wet
wet	314	61	Wet
wet	315	61	Wet
wheel	131	56	Wheel(s)
wheel	132	56	Wheel(s)
wheel	133	56	Wheel(s)
wheel	134	56	Wheel(s)
wheel	312	56	Wheel(s)
wheel	313	56	Wheel(s)
wheel	314	56	Wheel(s)
wheel	315	56	Wheel(s)
wheelbase	167	*	VINDICATOR - WHLBS
width	169	*	VINDICATOR - WIDTH
window	124	21	Windows
window	125	21	Windows
window	126	21	Windows
window	127	21	Windows
window	128	21	Windows
window	131	55	Windows / windshield
window	132	55	Windows / windshield
window	133	55	Windows / windshield
window	134	55	Windows / windshield
window	312	55	Windows / windshield
window	313	55	Windows / windshield
window	314	55	Windows / windshield
window	315	55	Windows / windshield
winds	21	5	Severe winds
windshield	124	20	Windshield
windshield	125	20	Windshield
windshield	126	20	Windshield
windshield	127	20	Windshield
windshield	128	20	Windshield

Maryland 2008 Index (continued)

Item	Var	CV	Variable Name or Code Value
windshield	131	55	Windows / windshield
windshield	132	55	Windows / windshield
windshield	133	55	Windows / windshield
windshield	134	55	Windows / windshield
windshield	312	55	Windows / windshield
windshield	313	55	Windows / windshield
windshield	314	55	Windows / windshield
windshield	315	55	Windows / windshield
work	311	58	Push / work on vehicle
working	311	59	Other working
worst	115	*	WORST INJURY IN VEHICLE
wrong	131	17	Wrong way on one-way
wrong	132	17	Wrong way on one-way
wrong	133	17	Wrong way on one-way
wrong	134	17	Wrong way on one-way
wrong	208	42	Facing wrong way
wrong	312	17	Wrong way on one-way
wrong	313	17	Wrong way on one-way
wrong	314	17	Wrong way on one-way
wrong	315	17	Wrong way on one-way
year	2	*	YEAR OF ACCIDENT
year	104	*	VEHICLE YEAR
year	144	0	Less than 1 year old
year	157	61	VIN model year / pattern conflict
year	159	*	VINDICATOR - YEAR
year	205	0	Less than 1 year old
year	304	0	Less than 1 year old
yield	131	11	Failed to yield right-of-way
yield	132	11	Failed to yield right-of-way
yield	133	11	Failed to yield right-of-way
yield	134	11	Failed to yield right-of-way
yield	312	11	Failed to yield right-of-way
yield	313	11	Failed to yield right-of-way
yield	314	11	Failed to yield right-of-way
yield	315	11	Failed to yield right-of-way
youth	147	14	Child / youth restraint
youth	207	14	Child / youth restraint
yugo	160	53	Yugo
zip	156	*	DRIVER ZIP CODE
zone	22	*	CONSTRUCTION ZONE
zone	308	7	In school bus zone
2nd	124	5	Right side 2nd quarter
2nd	125	5	Right side 2nd quarter
2nd	126	5	Right side 2nd quarter
2nd	127	5	Right side 2nd quarter
2nd	128	5	Right side 2nd quarter
3rd	124	6	Right side 3rd quarter
3rd	125	6	Right side 3rd quarter
3rd	126	6	Right side 3rd quarter
3rd	127	6	Right side 3rd quarter
3rd	128	6	Right side 3rd quarter

STATE OF MARYLAND

APPENDIX A

Abbreviations used in Variable 161

"VINDICATOR - Make/Model"



**Vindicator Make/Model Abbreviations**

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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

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