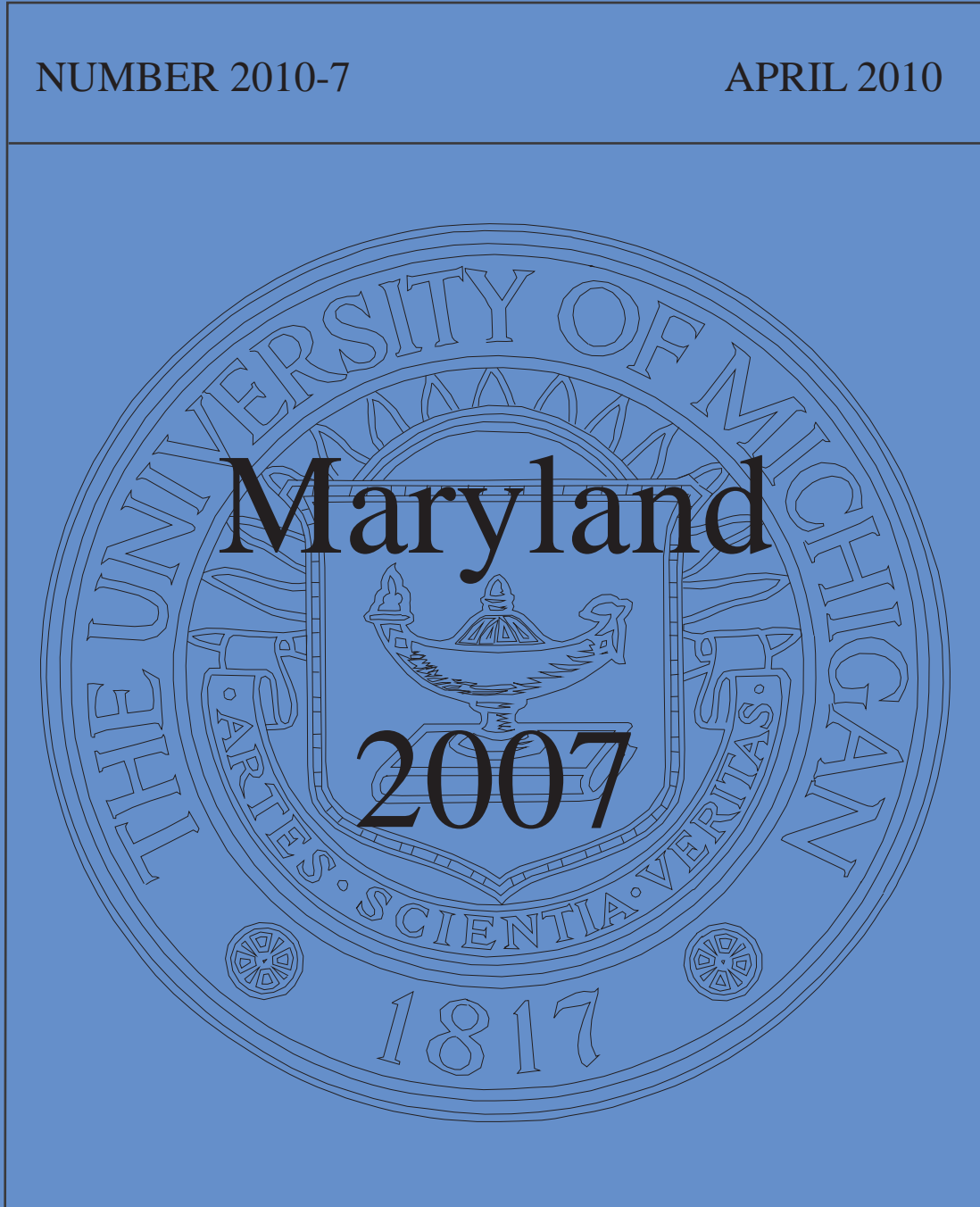


Transportation Data Center  
Data Set Codebook

NUMBER 2010-7

APRIL 2010



The University of Michigan  
Transportation Research Institute



STATE OF MARYLAND

2007 MOTOR VEHICLE ACCIDENTS

Introduction

This codebook documents datasets describing motor-vehicle traffic accidents that occurred in the State of Maryland during calendar year 2007. 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.

2007 MARYLAND DATASETS

DATASET	KEY	VARIABLES	CASES
Accident	MDC07ACC	1-31	100,943
Vehicle	MDC07VEH	1-31,101-178	185,947
Occupant	MDC07OCC	1-31,101-178,201-210	244,679
Non-motorist	MDC07NMT	1-31,101-178,201-210, 301-320	4,073

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 2007 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 MDC07ACC, person frequencies from MDC07OCC, 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  
2007 - 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	6
9	ROUTE TYPE	1	Numeric	6
10	SIGNAL	1	Numeric	6
11	JUNCTION	1	Numeric	6
12	LANE DIRECTION	1	Numeric	7
13	IMPACT LANE LOCATION	2	Numeric	7
14	RAMP INVOLVED	1	Numeric	8
15	RAMP DIRECTION	2	Numeric	8
16	ROADWAY CHARACTER	1	Numeric	8
17	DIVIDED/UNDIVIDED	1	Numeric	9
18	ROAD CONDITION	1	Numeric	9
19	ROAD SURFACE CONDITION	1	Numeric	9
20	LIGHT	1	Numeric	10
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	13
28	ACCIDENT SEVERITY	1	Numeric	13
29	NUMBER OF INJURIES	2	Numeric	13
30	NUMBER OF FATALITIES	2	Numeric	14
31	NUMBER OF NONMOTORISTS	2	Numeric	14



Maryland  
2007 - 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	21
122	HIT AND RUN	1	Numeric	22
123	SPEED LIMIT	2	Numeric	22
124	FIRST IMPACT AREA	2	Numeric	22
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	34
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  
2007 - 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	111
163	VINDICATOR - VEHTP	1	Numeric	112
164	VINDICATOR - SIZE	1	Numeric	112
165	VINDICATOR - STYLE CLASS	2	Numeric	113
166	VINDICATOR - WEIGHT	4	Numeric	113
167	VINDICATOR - WHLBS	5	Numeric	113
168	VINDICATOR - LENGTH	5	Numeric	114
169	VINDICATOR - WIDTH	4	Numeric	114
170	VINDICATOR - HEIGHT	4	Numeric	114
171	VINDICATOR - RSTN	1	Numeric	114
172	VINDICATOR - ATD / DRL	25	Alphabetic	115
173	VINDICATOR - MINHP	3	Numeric	115
174	VINDICATOR - MAXHP	3	Numeric	115
175	VINDICATOR - ABS	3	Numeric	115
176	VINDICATOR - TRANS	2	Numeric	118
177	VINDICATOR - ENGINE	3	Numeric	118
178	VEHICLE IDENTIFICATION #	17	Alphabetic	118



Maryland  
2007 - 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	119
202	OCCUPANT NUMBER	2	Numeric	119
203	OCCUPANT TYPE	1	Numeric	119
204	SEAT POSITION	2	Numeric	120
205	AGE	3	Numeric	120
206	GENDER	1	Numeric	120
207	SAFETY EQUIPMENT	2	Numeric	121
208	SAFETY EQUIPMENT PROBLEM	2	Numeric	121
209	EJECTION	1	Numeric	122
210	INJURY SEVERITY	1	Numeric	122



Maryland  
2007 - Nonmotorist

Variable Number	Variable Name	Width	Storage Type	Page Number
301	UNIT NUMBER	2	Numeric	123
302	PERSON TYPE	1	Numeric	123
303	NONMOTORIST TYPE	1	Numeric	123
304	AGE	3	Numeric	124
305	GENDER	1	Numeric	124
306	INJURY SEVERITY	1	Numeric	124
307	PEDESTRIAN VISIBLE	1	Numeric	124
308	PEDESTRIAN LOCATION	2	Numeric	125
309	DID PED OBEY SIGNAL	1	Numeric	125
310	PEDESTRIAN CONDITION	2	Numeric	125
311	PEDESTRIAN MOVEMENT	2	Numeric	126
312	CONTRIBUTING CIRCUMSTAN1	2	Numeric	126
313	CONTRIBUTING CIRCUMSTAN2	2	Numeric	128
314	CONTRIBUTING CIRCUMSTAN3	2	Numeric	129
315	CONTRIBUTING CIRCUMSTAN4	2	Numeric	130
316	FAULT	1	Numeric	131
317	SUBSTANCE USE	2	Numeric	131
318	IMPAIRED	1	Numeric	131
319	TESTS	1	Numeric	131
320	NONMOTORIST BAC	2	Numeric	132



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

2007	Prcnt	Code	Value and Description
100943	100.0	2007	2007

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

MAARS Variable - ACC\_DATE

2007	Prcnt	Code	Value and Description
8379	8.3	1	January
8185	8.1	2	February
8375	8.3	3	March
7630	7.6	4	April
8705	8.6	5	May
8431	8.4	6	June
8094	8.0	7	July
8154	8.1	8	August
8068	8.0	9	September
9485	9.4	10	October
8464	8.4	11	November
8973	8.9	12	December

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

## MAARS Variable - ACC\_DATE

2007	Prcnt	Code	Value and Description
3273	3.2	1	- Day of Accident
2191	2.2	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

2007	Prcnt	Code	Value and Description
239	0.2	1	12:01 am
		-	
39	0.0	2359	11:59 pm
0	0.0	2400	Midnight
25	0.0	9999	Unknown

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

## MAARS Variable - COUNTY

2007	Prcnt	Code	Value and Description
786	0.8	1	Allegany
8850	8.8	2	Anne Arundel
15719	15.6	3	Baltimore
1224	1.2	4	Calvert
437	0.4	5	Caroline
2168	2.1	6	Carroll
1702	1.7	7	Cecil
2773	2.7	8	Charles
471	0.5	9	Dorchester
3074	3.0	10	Frederick
583	0.6	11	Garrett
3388	3.4	12	Harford
3379	3.3	13	Howard
224	0.2	14	Kent
12460	12.3	15	Montgomery
15060	14.9	16	Prince Georges
716	0.7	17	Queen Anne's
1354	1.3	18	St. Mary's
366	0.4	19	Somerset

Variable 6: COUNTY CODE (Continued)

2007	Prcnt	Code	Value and Description
861	0.9	20	Talbot
2683	2.7	21	Washington
1998	2.0	22	Wicomico
1273	1.3	23	Worcester
19394	19.2	24	Baltimore City

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

MAARS Variable - MUNI\_CODE

2007	Prcnt	Code	Value and Description
90840	90.0	0	Not applicable
119	0.1	1	Aberdeen
583	0.6	3	Annapolis
3	0.0	4	Barclay
2	0.0	5	Barnessville
2	0.0	6	Barton
133	0.1	7	Bel Air
41	0.0	8	Berlin
31	0.0	9	Berwyn Heights
110	0.1	11	Bladensburg
16	0.0	12	Boonsboro
294	0.3	13	Bowie
25	0.0	14	Brentwood
12	0.0	15	Brookeville
25	0.0	17	Brunswick
3	0.0	18	Burkinsville
176	0.2	19	Cambridge
42	0.0	20	Capitol Heights
43	0.0	21	New Carrollton
1	0.0	22	Cecilton
14	0.0	23	Centreville
2	0.0	24	Charlestown
26	0.0	25	Chesepeake Beach
4	0.0	26	Chesepeake City
36	0.0	27	Chesterton
52	0.1	28	Cheverly
3	0.0	29	ChevyChase #3
4	0.0	30	ChevyChase #4
14	0.0	32	Chevy Chase View
82	0.1	33	Chevy Chase Village
3	0.0	35	Church Hill
4	0.0	36	Clearspring
438	0.4	37	College Park
5	0.0	38	Colman Manor
20	0.0	39	Cottage City
22	0.0	40	Crisfield
76	0.1	41	Cumberland

## Variable 7:MUNICIPALITY (Continued)

2007	Prcnt	Code	Value and Description
7	0.0	42	Deer Park
55	0.1	43	Delmar
28	0.0	44	Denton
37	0.0	45	District Heights
1	0.0	46	Drummond
3	0.0	48	East New Market
367	0.4	49	Easton
24	0.0	50	Edmonston
143	0.1	52	Elkton
21	0.0	53	Emmitsburg
11	0.0	54	Fairmont Heights
13	0.0	55	Federalsburg
19	0.0	56	Forest Heights
525	0.5	57	Frederick
4	0.0	58	Friendship Heights
7	0.0	59	Friendsville
101	0.1	60	Frostburg
43	0.0	61	Fruitland
14	0.0	62	Funkstown
599	0.6	63	Gaithersburg
2	0.0	64	Galena
4	0.0	66	Garrett Park
30	0.0	67	Glen Arden
5	0.0	69	Goldsboro
2	0.0	70	Grantsville
310	0.3	71	Greenbelt
7	0.0	72	Greensboro
848	0.8	73	Hagerstown
38	0.0	74	Hampstead
4	0.0	75	Hancock
89	0.1	76	Havre de Grace
5	0.0	77	Hebron
4	0.0	78	Henderson
6	0.0	81	Hurlock
231	0.2	82	Hyattsville
11	0.0	83	Indian Head
2	0.0	84	Keedysville
46	0.0	85	Kensington
19	0.0	87	Landover Hills
133	0.1	88	La Plata
297	0.3	89	Laurel
10	0.0	90	Laytonsville
36	0.0	91	Leonardtwn
3	0.0	92	Loch Lynn Heights
4	0.0	93	Lonaconing
3	0.0	94	Luke
28	0.0	95	Manchester
13	0.0	96	Mardela Springs
1	0.0	98	Marydel
16	0.0	99	Middletown
5	0.0	101	Millington
72	0.1	102	Morningside



Variable 7:MUNICIPALITY (Continued)

2007	Prcnt	Code	Value and Description
26	0.0	103	Mount Airy
130	0.1	104	Mount Rainier
15	0.0	105	Mountain Lake Park
11	0.0	106	Myersville
5	0.0	107	New Market
8	0.0	108	New Windsor
8	0.0	109	North Beach
1	0.0	110	North Brentwood
3	0.0	111	North Chevy Chase
7	0.0	112	North East
27	0.0	113	Oakland
459	0.5	115	Ocean City
40	0.0	117	Perryville
15	0.0	118	Pittsville
27	0.0	119	Pocomoke City
7	0.0	120	Poolesville
2	0.0	121	Port Deposit
2	0.0	122	Preston
36	0.0	123	Princess Anne
1	0.0	124	Queen Anne
3	0.0	125	Queenstown
1	0.0	126	Ridgely
16	0.0	127	Rising Sun
219	0.2	128	Riverdale
7	0.0	129	Rock Hall
862	0.9	130	Rockville
3	0.0	131	Rosemont
538	0.5	133	Salisbury
109	0.1	134	Seat Pleasant
1	0.0	135	Secretary
11	0.0	136	Sharpsburg
12	0.0	138	Smithsburg
14	0.0	139	Snow Hill
6	0.0	140	Somerset
1	0.0	141	Sudlersville
13	0.0	142	Sykesville
161	0.2	143	Takoma Park
27	0.0	144	Taneytown
2	0.0	145	Templeville
33	0.0	146	Thurmont
11	0.0	147	Trappe
4	0.0	148	Union Bridge
6	0.0	149	University Park
14	0.0	150	Upper Marlboro
22	0.0	152	Walkersville
7	0.0	153	Washington Grove
5	0.0	154	Westernport
235	0.2	155	Westminster
9	0.0	156	Willards
19	0.0	157	Williamsport
2	0.0	158	Woodsboro
128	0.1	999	Unknown

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

MAARS Variable - AGENCY\_CODE

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

MAARS Variable - ROUTE\_TYPE

2007 Prcnt	Code	Value and Description
8816	8.7	1 Interstate
7626	7.6	2 US route
29303	29.0	3 Maryland route
25017	24.8	4 County route
4623	4.6	5 Municipal route
83	0.1	6 Government road
115	0.1	7 Service drive
520	0.5	8 Other public road
24840	24.6	9 Unknown

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

MAARS Variable - SIGNAL

2007 Prcnt	Code	Value and Description
18296	18.1	1 Yes
82647	81.9	2 No

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

MAARS Variable - JUNCTION

2007 Prcnt	Code	Value and Description
66213	65.6	1 Non-intersection
21974	21.8	2 Intersection
9740	9.6	3 Intersection related
3016	3.0	4 Driveway access

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

MAARS Variable - LANE

2007 Prcnt	Code	Value and Description
2109	2.1	0 On a ramp
25212	25.0	1 North
21761	21.6	2 South
16311	16.2	3 East
14966	14.8	4 West
5036	5.0	5 Parking lot
625	0.6	6 No lane markings or at centerline
14923	14.8	9 Unknown

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

MAARS Variable - LANE

2007 Prcnt	Code	Value and Description
2109	2.1	0 On a ramp
45720	45.3	1 Lane 1 - nearest centerline
12979	12.9	2 Lane 2
4445	4.4	3 Lane 3
1188	1.2	4 Lane 4
99	0.1	5 Lane 5
11	0.0	6 Lane 6
3	0.0	7 Lane 7
39	0.0	8 Lane 8
9	0.0	9 Lane 9
2118	2.1	10 Shoulder
7503	7.4	11 Off road
622	0.6	12 Median
86	0.1	13 Crossover
49	0.0	14 Gore
1406	1.4	15 Right turn lane
1481	1.5	16 Left turn lane
326	0.3	17 Acceleration lane
166	0.2	18 Deceleration lane
5036	5.0	19 Parking lot
625	0.6	20 No lane markings or at centerline
14923	14.8	99 Unknown

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

## MAARS Variable - RAMP

2007 Prcnt	Code	Value and Description
2064	2.0	1 Yes
98879	98.0	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

2007 Prcnt	Code	Value and Description
98879	98.0	0 Not applicable
212	0.2	1 North-West
235	0.2	2 West-North
206	0.2	3 East-North
266	0.3	4 North-East
238	0.2	5 South-East
249	0.2	6 East-South
160	0.2	7 West-South
243	0.2	8 South-West
255	0.3	9 Other

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

## MAARS Variable - RD\_CHAR

2007 Prcnt	Code	Value and Description
366	0.4	0 Not applicable
68846	68.2	1 Straight and level
12422	12.3	2 Straight and grade
2807	2.8	3 Straight and hill
7013	6.9	4 Curve and level
5344	5.3	5 Curve and grade
925	0.9	6 Curve and hill
314	0.3	7 On bridge
184	0.2	8 Other
2722	2.7	9 Unknown

---

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

---

MAARS Variable - RD\_DIV

2007 Prcnt	Code	Value and Description
1462 1.4	0	Not applicable
48356 47.9	1	Not divided
4674 4.6	2	One way road or street
24080 23.9	3	Divided - no barrier
19300 19.1	4	Divided - with barrier
583 0.6	8	Other
2488 2.5	9	Unknown

---

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

---

MAARS Variable - RD\_COND

2007 Prcnt	Code	Value and Description
509 0.5	0	Not applicable
95460 94.6	1	No defects
541 0.5	2	Shoulder defect
606 0.6	3	Holes, ruts, etc.
403 0.4	4	Foreign material
570 0.6	5	Loose surface material
33 0.0	6	Obstruction not lighted
17 0.0	7	Obstruction not signaled
221 0.2	8	Other
2583 2.6	9	Unknown

---

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

---

MAARS Variable - SURF\_COND

2007 Prcnt	Code	Value and Description
199 0.2	0	Not applicable
18027 17.9	1	Wet
77576 76.9	2	Dry
2606 2.6	3	Snow
2237 2.2	4	Ice
0 0.0	5	Mud
39 0.0	8	Other
259 0.3	9	Unknown

<u>Variable 20</u>	<u>LIGHT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## MAARS Variable - LIGHT

2007 Prcnt	Code	Value and Description
271	0	Not applicable
63646	1	Daylight
4866	2	Dawn / dusk
23592	3	Dark - light on
8152	4	Dark - no lights
23	8	Other
393	9	Unknown

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

## MAARS Variable - WEATHER

2007 Prcnt	Code	Value and Description
119	0	Not applicable
83986	1	Clear / cloudy
904	2	Foggy
11390	3	Raining
3901	4	Snow / sleet
137	5	Severe winds
24	8	Other
482	9	Unknown

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

## MAARS Variable - C\_M\_ZONE

2007 Prcnt	Code	Value and Description
2252	1	Yes
98691	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.

2007 Prcnt	Code	Value and Description
28570	1	One vehicle

Variable 23:NUMBER OF VEHICLES INVOL (Continued)

2007	Prcnt	Code	Value and Description
62547	62.0	2	Two vehicles
7763	7.7	3	Three vehicles
1588	1.6	4	Four vehicles
327	0.3	5	Five vehicles
94	0.1	6	Six vehicles
30	0.0	7	Seven vehicles
8	0.0	8	Eight vehicles
6	0.0	9	Nine vehicles
4	0.0	10	
		-	Number of vehicles involved
1	0.0	15	

---

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

---

MAARS Variable - COLLISION\_TYPE

2007	Prcnt	Code	Value and Description
2781	2.8	1	Head on
5309	5.3	2	Head on left turn
21989	21.8	3	Same direction rear-end
762	0.8	4	Same direction rear-end - right turn
1063	1.1	5	Same direction rear-end - left turn
946	0.9	6	Opposite direction sideswipe
5402	5.4	7	Same direction sideswipe
422	0.4	8	Same direction right turn
492	0.5	9	Same direction left turn
575	0.6	10	Same direction both left turn
8059	8.0	11	Straight movement angle
615	0.6	12	Angle meets right turn
1182	1.2	13	Angle meets left turn
2724	2.7	14	Angle meets left head-on
28916	28.6	17	Single vehicle
15194	15.1	88	Other
4512	4.5	99	Unknown

---

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

---

MAARS Variable - FIX\_OBJ

2007	Prcnt	Code	Value and Description
72384	71.7	0	Not applicable
385	0.4	1	Bridge - overpass
1004	1.0	2	Building
2175	2.2	3	Culvert - ditch

## Variable 25:FIXED OBJECT (Continued)

2007	Prcnt	Code	Value and Description
5137	5.1	4	Curb
5480	5.4	5	Guardrail - barrier
1499	1.5	6	Embankment
1341	1.3	7	Fence
1846	1.8	8	Light support pole
1441	1.4	9	Sign support pole
3048	3.0	10	Other pole
3750	3.7	11	Tree - shrubbery
101	0.1	12	Construction barrier
53	0.1	13	Crash attenuator
1114	1.1	88	Other
185	0.2	99	Unknown

---

Variable 26	FIRST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

## MAARS Variable - EVENT\_ONE

2007	Prcnt	Code	Value and Description
741	0.7	0	Not applicable
56139	55.6	1	Other vehicle
12222	12.1	2	Parked vehicle
2827	2.8	3	Pedestrian
752	0.7	4	Bicycle
22	0.0	5	Other pedalcycle
129	0.1	6	Other conveyance
51	0.1	7	Railway train
1421	1.4	8	Animal
19053	18.9	9	Fixed object
1056	1.0	10	Other object
1047	1.0	11	Overturn
47	0.0	12	Spilled cargo
23	0.0	13	Jackknife
27	0.0	14	Units separated
375	0.4	15	Other non-collision
2377	2.4	16	Off road
7	0.0	17	Downhill runaway
39	0.0	18	Explosion or fire
1516	1.5	19	Backing
814	0.8	20	U-turn
104	0.1	88	Other
154	0.2	99	Unknown



---

Variable 27      SECOND HARMFUL EVENT      Width: 2      Type: Numeric  
Dec:    None      Miss: None

---

MAARS Variable - EVENT\_TWO

2007	Prcnt	Code	Value and Description
50556	50.1	0	Not applicable
7994	7.9	1	Other vehicle
2474	2.5	2	Parked vehicle
353	0.3	3	Pedestrian
109	0.1	4	Bicycle
14	0.0	5	Other pedalcycle
63	0.1	6	Other conveyance
17	0.0	7	Railway train
60	0.1	8	Animal
9723	9.6	9	Fixed object
642	0.6	10	Other object
2018	2.0	11	Overturn
32	0.0	12	Spilled cargo
20	0.0	13	Jackknife
39	0.0	14	Units separated
142	0.1	15	Other non-collision
1245	1.2	16	Off road
12	0.0	17	Downhill runaway
70	0.1	18	Explosion or fire
101	0.1	88	Other
25259	25.0	99	Unknown

---

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

---

Derived by UMTRI from occupant records in crash.

2007	Prcnt	Code	Value and Description
65518	64.9	1	No injury
16038	15.9	2	Possible injury
14491	14.4	3	Injury
4338	4.3	4	Disabling injury
558	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.

2007	Prcnt	Code	Value and Description
65852	65.2	0	Zero injured persons
24562	24.3	1	One injured person
6987	6.9	2	Two injured persons

## Variable 29:NUMBER OF INJURIES (Continued)

2007	Prcnt	Code	Value and Description
2178	2.2	3	Three injured persons
784	0.8	4	Four injured persons
339	0.3	5	Five injured persons
126	0.1	6	Six injured persons
62	0.1	7	Seven injured persons
22	0.0	8	Eight injured persons
		-	
1	0.0	38	Thirty-eight injured persons

---

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

---

Derived by UMTRI from occupant records in crash.

2007	Prcnt	Code	Value and Description
100385	99.4	0	Zero fatally injured persons
507	0.5	1	One fatally injured person
46	0.0	2	Two fatally injured persons
4	0.0	3	Three fatally injured persons
1	0.0	4	Four fatally injured persons

---

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

---

Derived by UMTRI from nonmotorist records in crash.

2007	Prcnt	Code	Value and Description
97022	96.1	0	Zero nonmotorists
3795	3.8	1	One nonmotorist
109	0.1	2	Two nonmotorists
11	0.0	3	Three nonmotorists
3	0.0	4	Four nonmotorists
3	0.0	5	Five 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	<u>VEHICLE NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

MAARS Variable - VEHICLE\_ID

Vehicle number from driver record.

2007	Prct	Code	Value and Description
100942	54.3	1	Vehicle 1
		-	
1	0.0	15	Vehicle 15

---

Variable 102	<u>VEHICLE MAKE</u>	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

MAARS Variable - VEH\_MAKE

---

Variable 103	<u>VEHICLE MODEL</u>	Width: 7	Type: Alphabetic
		Dec: None	Miss: None

MAARS Variable - VEH\_MODEL

---

Variable 104	<u>VEHICLE YEAR</u>	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.

2007	Prct	Code	Value and Description
13231	7.1	0	2000 or 1900
12499	6.7	1	2001 or 1901
13876	7.5	2	2002 or 1902
14300	7.7	3	2003 or 1903
13808	7.4	4	2004 or 1904
13752	7.4	5	2005 or 1905

## Variable 104:VEHICLE YEAR (Continued)

	2007 Prcnt	Code	Value and Description
14202	7.6	6	2006 or 1906
10546	5.7	7	2007 or 1907
1082	0.6	8	2008 or 1908
100	0.1	9	2009 or 1909
		-	
11933	6.4	42	Unknown or 1942
		-	
7250	3.9	96	1996
8985	4.8	97	1997
9722	5.2	98	1998
11047	5.9	99	1999

---

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

---

## MAARS Variable - BODY\_TYPE

	2007 Prcnt	Code	Value and Description
7	0.0	0	Not applicable
1896	1.0	1	Motorcycle
100183	53.9	2	Automobile
2813	1.5	3	Station wagon
40	0.0	4	Limousine
3490	1.9	5	Single truck (2 axles)
1043	0.6	6	Single truck (3 axles)
2490	1.3	7	Truck-tractor (cab)
65	0.0	8	Recreational vehicle
40	0.0	9	Farm vehicle
1622	0.9	10	Transit bus
70	0.0	11	Cross country bus
1502	0.8	12	School bus
246	0.1	13	Ambulance/emergency
139	0.1	14	Ambulance/non-emergency
319	0.2	15	Fire vehicle/emergency
132	0.1	16	Fire vehicle/non-emergency
849	0.5	17	Police vehicle/emergency
1623	0.9	18	Police vehicle/non-emergency
170	0.1	19	Moped
17846	9.6	20	Pickup truck
14105	7.6	21	Van
28916	15.6	23	Sport utility vehicle
541	0.3	88	Other
5800	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

2007 Prcnt	Code	Value and Description
		UNITED STATES
68	0.0	1 (AL) Alabama
11	0.0	2 (AK) Alaska
137	0.1	4 (AZ) Arizona
29	0.0	5 (AR) Arkansas
148	0.1	6 (CA) California
36	0.0	8 (CO) Colorado
130	0.1	9 (CT) Connecticut
1445	0.8	10 (DE) Delaware
2670	1.4	11 (DC) District of Columbia
662	0.4	12 (FL) Florida
254	0.1	13 (GA) Georgia
4	0.0	15 (HI) Hawaii
9	0.0	16 (ID) Idaho
241	0.1	17 (IL) Illinois
272	0.1	18 (IN) Indiana
43	0.0	19 (IA) Iowa
16	0.0	20 (KS) Kansas
57	0.0	21 (KY) Kentucky
47	0.0	22 (LA) Louisiana
63	0.0	23 (ME) Maine
149519	80.4	24 (MD) Maryland
160	0.1	25 (MA) Massachusetts
156	0.1	26 (MI) Michigan
63	0.0	27 (MN) Minnesota
104	0.1	28 (MS) Mississippi
39	0.0	29 (MO) Missouri
15	0.0	30 (MT) Montana
44	0.0	31 (NE) Nebraska
14	0.0	32 (NV) Nevada
30	0.0	33 (NH) New Hampshire
798	0.4	34 (NJ) New Jersey
18	0.0	35 (NM) New Mexico
745	0.4	36 (NY) New York
816	0.4	37 (NC) North Carolina
117	0.1	38 (ND) North Dakota
321	0.2	39 (OH) Ohio
192	0.1	40 (OK) Oklahoma
24	0.0	41 (OR) Oregon
3967	2.1	42 (PA) Pennsylvania
37	0.0	44 (RI) Rhode Island
218	0.1	45 (SC) South Carolina
7	0.0	46 (SD) South Dakota
273	0.1	47 (TN) Tennessee
298	0.2	48 (TX) Texas
18	0.0	49 (UT) Utah
25	0.0	50 (VT) Vermont
4602	2.5	51 (VA) Virginia

## Variable 106:REGISTRATION STATE (Continued)

2007	Prcnt	Code	Value and Description
61	0.0	53	(WA) Washington
914	0.5	54	(WV) West Virginia
56	0.0	55	(WI) Wisconsin
7	0.0	56	(WY) Wyoming
			US TERRITORY
2	0.0	75	(MH) Marshall Islands
			CANADA
			MEXICO
			INTERNATIONAL
			UNKNOWN
15945	8.6	9999	(UK) Unknown

---

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

---

## MAARS Variable - COMMERCIAL

2007	Prcnt	Code	Value and Description
5411	2.9	1	Yes
180536	97.1	2	No

---

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

---

## MAARS Variable - CV\_BODY\_TYPE

2007	Prcnt	Code	Value and Description
96145	51.7	0	Not applicable
484	0.3	1	Bus
416	0.2	2	Van / enclosed box
1662	0.9	3	Truck / tractor
51	0.0	4	Cargo tank
148	0.1	5	Flatbed
414	0.2	6	Dump
45	0.0	7	Concrete mixer
62	0.0	8	Auto transporter
126	0.1	9	Garbage / refuse
22	0.0	88	Other
86372	46.4	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

2007	Prcnt	Code	Value and Description
1	0.0	219	219 lbs.
1	0.0	2500	2,500 lbs.
		-	
2	0.0	800000	800,000 lbs.
185374	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

2007	Prcnt	Code	Value and Description
2	0.0	0	No axles
1	0.0	1	One axle
113	0.1	2	Two axles
85	0.0	3	Three axles
37	0.0	4	Four axles
274	0.1	5	Five axles
10	0.0	6	Six axles
3	0.0	7	Seven axles
185422	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

2007 Prcnt	Code	Value and Description
390 0.2	1	Yes
185557 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

2007 Prcnt	Code	Value and Description
146801 78.9	1	No injury
19366 10.4	2	Possible injury
15117 8.1	3	Injured
4208 2.3	4	Disabling injury
455 0.2	5	Fatal

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

## Derived by UMTRI from person records for vehicle

2007 Prcnt	Code	Value and Description
152245 81.9	1	- Number of occupants
1 0.0	61	

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

## Derived by UMTRI from person records for vehicle

2007 Prcnt	Code	Value and Description
147144 79.1	0	Zero injured
32315 17.4	1	



Variable 117:NUMBER INJURED IN VEH (Continued)

2007	Prcnt	Code	Value and Description
		-	Number injured in vehicle
1	0.0	33	

---

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

---

Derived by UMTRI from person records for vehicle

2007	Prcnt	Code	Value and Description
185492	99.8	0	Zero killed
418	0.2	1	One killed
35	0.0	2	Two killed
1	0.0	3	Three killed
1	0.0	4	Four killed

---

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

---

MAARS Variable - DRIVERLESS

2007	Prcnt	Code	Value and Description
315	0.2	1	Yes
185632	99.8	2	No

---

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

---

MAARS Variable - PARKED

2007	Prcnt	Code	Value and Description
15324	8.2	1	Yes
170623	91.8	2	No

---

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

---

MAARS Variable - FIRE

2007	Prcnt	Code	Value and Description
242	0.1	1	Yes

## Variable 121:FIRE (Continued)

2007	Prcnt	Code	Value and Description
185705	99.9	2	No

---

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

---

## MAARS Variable - HIT\_AND\_RUN

2007	Prcnt	Code	Value and Description
20797	11.2	1	Yes
165150	88.8	2	No

---

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

---

## MAARS Variable - SPEED\_LIMIT

2007	Prcnt	Code	Value and Description
7107	3.8	0	Not applicable
824	0.4	5	5 mph
1566	0.8	10	10 mph
4334	2.3	15	15 mph
1179	0.6	20	20 mph
33463	18.0	25	25 mph
24867	13.4	30	30 mph
30700	16.5	35	35 mph
21244	11.4	40	40 mph
12150	6.5	45	45 mph
11003	5.9	50	50 mph
19291	10.4	55	55 mph
477	0.3	60	60 mph
5432	2.9	65	65 mph
4	0.0	70	70 mph
12306	6.6	99	Unknown

---

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

---

## MAARS Variable - IMPACT\_1ST

2007	Prcnt	Code	Value and Description
2904	1.6	0	Not applicable
41486	22.3	1	Front left
17612	9.5	2	Front right

Variable 124:FIRST IMPACT AREA (Continued)

2007	Prcnt	Code	Value and Description
14410	7.7	3	Front right corner
6823	3.7	4	Right side front quarter
4830	2.6	5	Right side 2nd quarter
2841	1.5	6	Right side 3rd quarter
3762	2.0	7	Right side rear quarter
3606	1.9	8	Rear right corner
15923	8.6	9	Rear right
12359	6.6	10	Rear left
4677	2.5	11	Rear left corner
4647	2.5	12	Left side rear quarter
3380	1.8	13	Left side 3rd quarter
6093	3.3	14	Left side 2nd quarter
8093	4.4	15	Left side front quarter
12327	6.6	16	Front left quarter
968	0.5	17	Hood
343	0.2	18	Roof / top
443	0.2	19	Trunk
166	0.1	20	Windshield
93	0.1	21	Windows
904	0.5	22	Underside
980	0.5	23	Overturn
584	0.3	88	Other
15693	8.4	99	Unknown

---

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

---

MAARS Variable - IMPACT\_MAIN

2007	Prcnt	Code	Value and Description
3831	2.1	0	Not applicable
28986	15.6	1	Front left
25302	13.6	2	Front right
12792	6.9	3	Front right corner
7724	4.2	4	Right side front quarter
5055	2.7	5	Right side 2nd quarter
3258	1.8	6	Right side 3rd quarter
3873	2.1	7	Right side rear quarter
3586	1.9	8	Rear right corner
12057	6.5	9	Rear right
15767	8.5	10	Rear left
4533	2.4	11	Rear left corner
4636	2.5	12	Left side rear quarter
3446	1.9	13	Left side 3rd quarter
6190	3.3	14	Left side 2nd quarter
8325	4.5	15	Left side front quarter
12234	6.6	16	Front left quarter
2506	1.3	17	Hood
843	0.5	18	Roof / top

## Variable 125:MAIN IMPACT AREA (Continued)

2007	Prcnt	Code	Value and Description
766	0.4	19	Trunk
387	0.2	20	Windshield
108	0.1	21	Windows
1099	0.6	22	Underside
1978	1.1	23	Overturn
501	0.3	88	Other
16164	8.7	99	Unknown

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

## MAARS Variable - AREA\_DAMAGED\_ONE

2007	Prcnt	Code	Value and Description
7980	4.3	0	Not applicable
47086	25.3	1	Front left
13579	7.3	2	Front right
11541	6.2	3	Front right corner
6451	3.5	4	Right side front quarter
3953	2.1	5	Right side 2nd quarter
2725	1.5	6	Right side 3rd quarter
3628	2.0	7	Right side rear quarter
4820	2.6	8	Rear right corner
14920	8.0	9	Rear right
8432	4.5	10	Rear left
4808	2.6	11	Rear left corner
4925	2.6	12	Left side rear quarter
3850	2.1	13	Left side 3rd quarter
5599	3.0	14	Left side 2nd quarter
8043	4.3	15	Left side front quarter
10507	5.7	16	Front left quarter
1442	0.8	17	Hood
327	0.2	18	Roof / top
415	0.2	19	Trunk
211	0.1	20	Windshield
80	0.0	21	Windows
799	0.4	22	Underside
2486	1.3	23	Overturn
273	0.1	88	Other
17067	9.2	99	Unknown

<u>Variable 127</u>	<u>AREA DAMAGE 2</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 0

MAARS Variable - AREA\_DAMAGED\_TWO

2007	Prcnt	Code	Value and Description
23940	12.9	0	Not applicable
7706	4.1	1	Front left
34246	18.4	2	Front right
8529	4.6	3	Front right corner
6325	3.4	4	Right side front quarter
3849	2.1	5	Right side 2nd quarter
3026	1.6	6	Right side 3rd quarter
2665	1.4	7	Right side rear quarter
2625	1.4	8	Rear right corner
6950	3.7	9	Rear right
12678	6.8	10	Rear left
3330	1.8	11	Rear left corner
3065	1.6	12	Left side rear quarter
3316	1.8	13	Left side 3rd quarter
4543	2.4	14	Left side 2nd quarter
7419	4.0	15	Left side front quarter
8237	4.4	16	Front left quarter
2055	1.1	17	Hood
646	0.3	18	Roof / top
509	0.3	19	Trunk
267	0.1	20	Windshield
93	0.1	21	Windows
635	0.3	22	Underside
680	0.4	23	Overturn
114	0.1	88	Other
38499	20.7	99	Unknown

<u>Variable 128</u>	<u>AREA DAMAGE 3</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 0

MAARS Variable - AREA\_DAMAGED\_THREE

2007	Prcnt	Code	Value and Description
34613	18.6	0	Not applicable
5369	2.9	1	Front left
7014	3.8	2	Front right
13334	7.2	3	Front right corner
6226	3.3	4	Right side front quarter
3017	1.6	5	Right side 2nd quarter
2838	1.5	6	Right side 3rd quarter
2907	1.6	7	Right side rear quarter
2810	1.5	8	Rear right corner
3116	1.7	9	Rear right
5061	2.7	10	Rear left
4054	2.2	11	Rear left corner
2885	1.6	12	Left side rear quarter

## Variable 128:AREA DAMAGE 3 (Continued)

2007	Prcnt	Code	Value and Description
2576	1.4	13	Left side 3rd quarter
2993	1.6	14	Left side 2nd quarter
4989	2.7	15	Left side front quarter
8348	4.5	16	Front left quarter
13044	7.0	17	Hood
822	0.4	18	Roof / top
3091	1.7	19	Trunk
478	0.3	20	Windshield
196	0.1	21	Windows
1691	0.9	22	Underside
1345	0.7	23	Overturn
217	0.1	88	Other
52913	28.5	99	Unknown

---

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

## MAARS Variable - DAMAGE

2007	Prcnt	Code	Value and Description
2734	1.5	0	Not applicable
7273	3.9	1	No damage
54063	29.1	2	Superficial damage
41726	22.4	3	Functional damage
59077	31.8	4	Disabling damage
8316	4.5	5	Destroyed
11	0.0	8	Other
12747	6.9	9	Unknown

---

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

## MAARS Variable - MOVEMENT

2007	Prcnt	Code	Value and Description
32	0.0	0	Not applicable
76493	41.1	1	Moving constant speed
9488	5.1	2	Accelerating
25233	13.6	3	Slowing or stopping
4260	2.3	4	Starting from lane
1582	0.9	5	Starting from parked
14747	7.9	6	Stopped in traffic lane
3871	2.1	7	Changing lanes
943	0.5	8	Passing
651	0.4	9	Parking
14835	8.0	10	Parked

Variable 130:MOVEMENT (Continued)

2007	Prcnt	Code	Value and Description
3604	1.9	11	Backing
13118	7.1	12	Making left turn
3791	2.0	13	Making right turn
92	0.0	14	Right-turn-on-red
1009	0.5	15	Making U-turn
4562	2.5	16	Skidding
258	0.1	17	Driverless moving vehicle
8	0.0	88	Other
7370	4.0	99	Missing data

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

MAARS Variable - CONTRIB\_CIRCUM1

2007	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
93293	50.2	0	Not applicable
876	0.5	1	Under influence of drugs
4268	2.3	2	Under influence of alcohol
155	0.1	3	Under influence of medication
125	0.1	4	Under combined influence
566	0.3	5	Physical / mental difficulty
1492	0.8	6	Fell asleep, fainted, etc.
27281	14.7	7	Failed to give full time and attention
363	0.2	8	Did not comply with license restriction
6774	3.6	9	Failure to drive within a single lane
93	0.1	10	Improper right-turn-on-red
11039	5.9	11	Failed to yield right-of-way
942	0.5	12	Failed to obey stop sign
1499	0.8	13	Failed to obey traffic signal
1277	0.7	14	Failed to obey other traffic control
1515	0.8	15	Failed to keep right of center
37	0.0	16	Failed to stop for school bus
194	0.1	17	Wrong way on one-way
1494	0.8	18	Exceeded speed limit
131	0.1	19	Operator using cellular phone
895	0.5	20	Stopping in lane / roadway
10423	5.6	21	Too fast for conditions
6919	3.7	22	Followed too closely
1892	1.0	23	Improper turn
2240	1.2	24	Improper lane change
1841	1.0	25	Improper backing
741	0.4	26	Improper passing
43	0.0	27	Improper signal
421	0.2	28	Improper parking
115	0.1	29	Interference / obstruction by passenger

## Variable 131:CONTRIBUTING CIRCUMSTAN1 (Continued)

2007	Prcnt	Code	Value and Description
Pedestrian, Cyclist: Actions Only			
74	0.0	31	Illegally in roadway
10	0.0	32	Bicycle violation
9	0.0	37	Clothing not visible
Environment Effect			
17	0.0	41	Smog, smoke
240	0.1	42	Sleet, hail, freezing rain
6	0.0	43	Blowing sand, soil, dirt
22	0.0	44	Severe crosswinds
838	0.5	45	Rain, snow
1288	0.7	46	Animal
319	0.2	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
242	0.1	51	Brakes
261	0.1	52	Tires
92	0.0	53	Steering
29	0.0	54	Lights
8	0.0	55	Windows / windshield
69	0.0	56	Wheel(s)
36	0.0	57	Trailer coupling
94	0.1	58	Cargo
113	0.1	59	Engine trouble
Road Condition			
580	0.3	61	Wet
556	0.3	62	Icy or snow-covered
346	0.2	63	Debris or obstruction
57	0.0	64	Ruts, holes, bumps
61	0.0	65	Road under construction or maintenance
36	0.0	66	Traffic control device inoperative
26	0.0	67	Shoulder low, soft, high
381	0.2	88	Other
1193	0.6	99	Missing data

---

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

---

## MAARS Variable - CONTRIB\_CIRCUM2

2007	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
121898	65.6	0	Not applicable
234	0.1	1	Under influence of drugs
1299	0.7	2	Under influence of alcohol
150	0.1	3	Under influence of medication
58	0.0	4	Under combined influence
213	0.1	5	Physical / mental difficulty



Variable 132:CONTRIBUTING CIRCUMSTAN2 (Continued)

2007	Prcnt	Code	Value and Description
784	0.4	6	Fell asleep, fainted, etc.
25662	13.8	7	Failed to give full time and attention
624	0.3	8	Did not comply with license restriction
37	0.0	9	Failure to drive within a single lane
7	0.0	10	Improper right-turn-on-red
5392	2.9	11	Failed to yield right-of-way
515	0.3	12	Failed to obey stop sign
775	0.4	13	Failed to obey traffic signal
898	0.5	14	Failed to obey other traffic control
1280	0.7	15	Failed to keep right of center
16	0.0	16	Failed to stop for school bus
136	0.1	17	Wrong way on one-way
1539	0.8	18	Exceeded speed limit
18	0.0	19	Operator using cellular phone
20	0.0	20	Stopping in lane / roadway
6615	3.6	21	Too fast for conditions
3728	2.0	22	Followed too closely
1702	0.9	23	Improper turn
1166	0.6	24	Improper lane change
850	0.5	25	Improper backing
398	0.2	26	Improper passing
32	0.0	27	Improper signal
155	0.1	28	Improper parking
66	0.0	29	Interference / obstruction by passenger
Pedestrian, Cyclist: Actions Only			
35	0.0	31	Illegally in roadway
3	0.0	32	Bicycle violation
21	0.0	37	Clothing not visible
Environment Effect			
13	0.0	41	Smog, smoke
303	0.2	42	Sleet, hail, freezing rain
4	0.0	43	Blowing sand, soil, dirt
27	0.0	44	Severe crosswinds
1415	0.8	45	Rain, snow
161	0.1	46	Animal
360	0.2	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
143	0.1	51	Brakes
110	0.1	52	Tires
66	0.0	53	Steering
20	0.0	54	Lights
10	0.0	55	Windows / windshield
25	0.0	56	Wheel(s)
11	0.0	57	Trailer coupling
25	0.0	58	Cargo
9	0.0	59	Engine trouble
Road Condition			
998	0.5	61	Wet

## Variable 132:CONTRIBUTING CIRCUMSTAN2 (Continued)

2007	Prcnt	Code	Value and Description
677	0.4	62	Icy or snow-covered
95	0.1	63	Debris or obstruction
40	0.0	64	Ruts, holes, bumps
42	0.0	65	Road under construction or maintenance
34	0.0	66	Traffic control device inoperative
43	0.0	67	Shoulder low, soft, high
153	0.1	88	Other
4837	2.6	99	Missing data

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

## MAARS Variable - CONTRIB\_CIRCUM3

2007	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
159492	85.8	0	Not applicable
125	0.1	1	Under influence of drugs
515	0.3	2	Under influence of alcohol
51	0.0	3	Under influence of medication
67	0.0	4	Under combined influence
79	0.0	5	Physical / mental difficulty
271	0.1	6	Fell asleep, fainted, etc.
8624	4.6	7	Failed to give full time and attention
367	0.2	8	Did not comply with license restriction
20	0.0	9	Failure to drive within a single lane
1	0.0	10	Improper right-turn-on-red
932	0.5	11	Failed to yield right-of-way
220	0.1	12	Failed to obey stop sign
328	0.2	13	Failed to obey traffic signal
499	0.3	14	Failed to obey other traffic control
804	0.4	15	Failed to keep right of center
6	0.0	16	Failed to stop for school bus
69	0.0	17	Wrong way on one-way
825	0.4	18	Exceeded speed limit
19	0.0	19	Operator using cellular phone
12	0.0	20	Stopping in lane / roadway
2808	1.5	21	Too fast for conditions
1216	0.7	22	Followed too closely
1054	0.6	23	Improper turn
710	0.4	24	Improper lane change
177	0.1	25	Improper backing
250	0.1	26	Improper passing
24	0.0	27	Improper signal
67	0.0	28	Improper parking
42	0.0	29	Interference / obstruction by passenger
Pedestrian, Cyclist: Actions Only			
17	0.0	31	Illegally in roadway

Variable 133:CONTRIBUTING CIRCUMSTAN3 (Continued)

2007	Prcnt	Code	Value and Description
1	0.0	32	Bicycle violation
5	0.0	37	Clothing not visible
Environment Effect			
11	0.0	41	Smog, smoke
211	0.1	42	Sleet, hail, freezing rain
5	0.0	43	Blowing sand, soil, dirt
24	0.0	44	Severe crosswinds
1153	0.6	45	Rain, snow
81	0.0	46	Animal
257	0.1	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
76	0.0	51	Brakes
79	0.0	52	Tires
36	0.0	53	Steering
12	0.0	54	Lights
1	0.0	55	Windows / windshield
7	0.0	56	Wheel(s)
3	0.0	57	Trailer coupling
11	0.0	58	Cargo
3	0.0	59	Engine trouble
Road Condition			
1126	0.6	61	Wet
595	0.3	62	Icy or snow-covered
68	0.0	63	Debris or obstruction
20	0.0	64	Ruts, holes, bumps
49	0.0	65	Road under construction or maintenance
16	0.0	66	Traffic control device inoperative
30	0.0	67	Shoulder low, soft, high
104	0.1	88	Other
2272	1.2	99	Missing data

---

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

---

MAARS Variable - CONTRIB\_CIRCUM4

2007	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
176485	94.9	0	Not applicable
153	0.1	1	Under influence of drugs
179	0.1	2	Under influence of alcohol
37	0.0	3	Under influence of medication
70	0.0	4	Under combined influence
36	0.0	5	Physical / mental difficulty
88	0.0	6	Fell asleep, fainted, etc.
2375	1.3	7	Failed to give full time and attention

## Variable 134:CONTRIBUTING CIRCUMSTAN4 (Continued)

2007	Prcnt	Code	Value and Description
151	0.1	8	Did not comply with license restriction
12	0.0	9	Failure to drive within a single lane
1	0.0	10	Improper right-turn-on-red
171	0.1	11	Failed to yield right-of-way
47	0.0	12	Failed to obey stop sign
78	0.0	13	Failed to obey traffic signal
135	0.1	14	Failed to obey other traffic control
268	0.1	15	Failed to keep right of center
2	0.0	16	Failed to stop for school bus
27	0.0	17	Wrong way on one-way
301	0.2	18	Exceeded speed limit
6	0.0	19	Operator using cellular phone
4	0.0	20	Stopping in lane / roadway
873	0.5	21	Too fast for conditions
297	0.2	22	Followed too closely
326	0.2	23	Improper turn
315	0.2	24	Improper lane change
57	0.0	25	Improper backing
169	0.1	26	Improper passing
17	0.0	27	Improper signal
27	0.0	28	Improper parking
28	0.0	29	Interference / obstruction by passenger
			Pedestrian, Cyclist: Actions Only
2	0.0	31	Illegally in roadway
1	0.0	32	Bicycle violation
2	0.0	37	Clothing not visible
			Environment Effect
5	0.0	41	Smog, smoke
65	0.0	42	Sleet, hail, freezing rain
1	0.0	43	Blowing sand, soil, dirt
6	0.0	44	Severe crosswinds
403	0.2	45	Rain, snow
32	0.0	46	Animal
57	0.0	47	Vision obstruction (including blinded by sun / lights)
			Vehicle Defect
20	0.0	51	Brakes
35	0.0	52	Tires
14	0.0	53	Steering
5	0.0	54	Lights
8	0.0	55	Windows / windshield
5	0.0	56	Wheel(s)
2	0.0	57	Trailer coupling
3	0.0	58	Cargo
1	0.0	59	Engine trouble
			Road Condition
994	0.5	61	Wet
361	0.2	62	Icy or snow-covered
16	0.0	63	Debris or obstruction

Variable 134:CONTRIBUTING CIRCUMSTAN4 (Continued)

2007 Prcnt	Code	Value and Description
14	0.0	64 Ruts, holes, bumps
25	0.0	65 Road under construction or maintenance
6	0.0	66 Traffic control device inoperative
33	0.0	67 Shoulder low, soft, high
84	0.0	88 Other
1012	0.5	99 Missing data

---

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

---

MAARS Variable - GOING

The direction the traffic unit was going before the crash.

2007 Prcnt	Code	Value and Description
16000	8.6	0 Not applicable
46044	24.8	1 North
45236	24.3	2 South
35163	18.9	3 East
33521	18.0	4 West
9983	5.4	9 Unknown

---

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.

2007 Prcnt	Code	Value and Description
16015	8.6	0 Not applicable
45704	24.6	1 North
45062	24.2	2 South
35369	19.0	3 East
33786	18.2	4 West
10011	5.4	9 Unknown

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

## MAARS Variable - TOWED\_ONE

2007 Prcnt	Code	Value and Description
81465 43.8	0	Not applicable
990 0.5	1	One semi trailer
119 0.1	2	One semi trailer + one full trailer
451 0.2	3	One full trailer
10 0.0	4	Two full trailers
7 0.0	5	Three trailers
1796 1.0	6	Automobile
318 0.2	7	Utility trailer
23 0.0	8	Boat trailer
17 0.0	9	Camper
12 0.0	10	Travel / home trailer
7 0.0	11	Mobile home
22 0.0	12	Farm equipment
28 0.0	88	Other
100682 54.1	99	Unknown

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

## MAARS Variable - TOWED\_TWO

2007 Prcnt	Code	Value and Description
83860 45.1	0	Not applicable
219 0.1	1	One semi trailer
83 0.0	2	One semi trailer + one full trailer
126 0.1	3	One full trailer
12 0.0	4	Two full trailers
3 0.0	5	Three trailers
112 0.1	6	Automobile
82 0.0	7	Utility trailer
16 0.0	8	Boat trailer
9 0.0	9	Camper
8 0.0	10	Travel / home trailer
3 0.0	11	Mobile home
10 0.0	12	Farm equipment
101404 54.5	99	Unknown

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

## MAARS Variable - TOWED\_THREE

Variable 139:TOWED UNIT-TYPE 3 (Continued)

2007	Prcnt	Code	Value and Description
83370	44.8	0	Not applicable
117	0.1	1	One semi trailer
20	0.0	2	One semi trailer + One full trailer
35	0.0	3	One full trailer
9	0.0	4	Two full trailers
11	0.0	5	Three trailers
526	0.3	6	Automobile
19	0.0	7	Utility trailer
4	0.0	8	Boat trailer
10	0.0	9	Camper
7	0.0	10	Travel / home trailer
3	0.0	11	Mobile home
5	0.0	12	Farm equipment
101811	54.8	99	Unknown

---

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

---

MAARS Variable - CONDITION

2007	Prcnt	Code	Value and Description
11732	6.3	0	Not applicable
134341	72.2	1	Apparently normal
6675	3.6	2	Had been drinking
432	0.2	3	Using drugs
163	0.1	4	Physical defects
203	0.1	5	Other handicaps
308	0.2	6	Ill
441	0.2	7	Fatigued
334	0.2	8	Apparently asleep
77	0.0	88	Other
31241	16.8	99	Unknown

---

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

---

MAARS Variable - FAULT

2007	Prcnt	Code	Value and Description
85163	45.8	1	Yes
77002	41.4	2	No
23782	12.8	9	Unknown

Variable 142	DRIVER LICENSE CLASS	Width: 2	Type: Alphabetic
		Dec: None	Miss: None

MAARS Variable - LIC\_NUM

Variable 143	COMMERCIAL DRIVERS LIC	Width: 1	Type: Numeric
		Dec: None	Miss: 0

MAARS Variable -

2007 Prcnt	Code	Value and Description
5411 2.9	1	Yes
180536 97.1	2	No

Variable 144	DRIVER AGE	Width: 3	Type: Numeric
		Dec: None	Miss: 999

MAARS Variable - AGE

2007 Prcnt	Code	Value and Description
1 0.0	-2	
32189 17.3	0	Less than 1 year old
1 0.0	1	1 year old
	-	
1 0.0	131	131 years old
48 0.0	999	Unknown

Variable 145	DRIVER DOB	Width: 10	Type: Alphabetic
		Dec: None	Miss: None

MAARS Variable - DRIVER\_DOB

Variable 146	DRIVER GENDER	Width: 1	Type: Numeric
		Dec: None	Miss: 0

MAARS Variable - SEX\_CODE

2007 Prcnt	Code	Value and Description
94219 50.7	1	Male
63626 34.2	2	Female
28102 15.1	9	Unknown



---

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

MAARS Variable - SAF\_EQUIP

2007	Prcnt	Code	Value and Description
11056	5.9	0	Not applicable
3795	2.0	1	None
981	0.5	11	Lap belt only
1586	0.9	12	Shoulder belt only
108706	58.5	13	Shoulder / lap belt(s)
0	0.0	14	Child / youth restraint
751	0.4	21	MC / bike helmet
15	0.0	22	MC / bike eye shield only
751	0.4	23	MC / bike helmet and shield
569	0.3	31	Air bag only
22811	12.3	32	Air bag and belt(s)
28	0.0	88	Other
34898	18.8	99	Unknown

---

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

MAARS Variable - EQUIP\_PROB

2007	Prcnt	Code	Value and Description
13626	7.3	0	Not applicable
137486	73.9	1	No misuse
60	0.0	2	Belts / anchors broke
425	0.2	3	Belts misused
960	0.5	4	Air bag failed
43	0.0	8	Other
33347	17.9	9	Unknown

---

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

MAARS Variable - EJECTION

2007	Prcnt	Code	Value and Description
7332	3.9	0	Not applicable
149389	80.3	1	Not ejected or trapped
1272	0.7	2	Fully ejected
223	0.1	3	Partially ejected
1094	0.6	4	Trapped
19	0.0	8	Other
26618	14.3	9	Unknown

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

## MAARS Variable - INJ\_SEVER

2007 Prcnt	Code	Value and Description
151124	81.3	1 No injury
17314	9.3	2 Possible injury
13418	7.2	3 Injury
3717	2.0	4 Disabling injury
374	0.2	5 Fatal

Variable 151	DRIVER IMPAIRED	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - ALCO\_DRUG\_IMPAIRED

2007 Prcnt	Code	Value and Description
7382	4.0	1 Alcohol
245	0.1	2 Alcohol and drug
1180	0.6	3 Drug
177140	95.3	4 Not impaired

Variable 152	SUBSTANCE USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## MAARS Variable - SUBST\_USE

2007 Prcnt	Code	Value and Description
19664	10.6	0 Not applicable
128055	68.9	1 None detected
4511	2.4	11 Alcohol present
135	0.1	12 Illegal drug present
146	0.1	13 Medication present
74	0.0	14 Combined substances present
1811	1.0	21 Alcohol contributed
100	0.1	22 Illegal drug contributed
106	0.1	23 Medication contributed
83	0.0	24 Combination contributed
49	0.0	88 Other
31213	16.8	99 Unknown

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

MAARS Variable - TESTS

2007 Prcnt	Code	Value and Description
105484 56.7	0	Not applicable
3054 1.6	1	Test refused
1084 0.6	2	Positive preliminary test
3012 1.6	3	Evidence test given
243 0.1	8	Other
73070 39.3	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

2007 Prcnt	Code	Value and Description
182699 98.3	0	
138 0.1	1	
	-	BAC test results
1 0.0	97	

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

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

2007 Prcnt	Code	Value and Description
UNITED STATES		
67 0.0	1	(AL) Alabama
22 0.0	2	(AK) Alaska
76 0.0	4	(AZ) Arizona
32 0.0	5	(AR) Arkansas
274 0.1	6	(CA) California
57 0.0	8	(CO) Colorado
151 0.1	9	(CT) Connecticut
1333 0.7	10	(DE) Delaware
2974 1.6	11	(DC) District of Columbia
790 0.4	12	(FL) Florida
265 0.1	13	(GA) Georgia
20 0.0	15	(HI) Hawaii
12 0.0	16	(ID) Idaho
156 0.1	17	(IL) Illinois
81 0.0	18	(IN) Indiana

## Variable 155:RESIDENCE STATE (Continued)

2007	Prcnt	Code	Value and Description
27	0.0	19	(IA) Iowa
30	0.0	20	(KS) Kansas
73	0.0	21	(KY) Kentucky
55	0.0	22	(LA) Louisiana
68	0.0	23	(ME) Maine
131234	70.6	24	(MD) Maryland
163	0.1	25	(MA) Massachusetts
177	0.1	26	(MI) Michigan
70	0.0	27	(MN) Minnesota
46	0.0	28	(MS) Mississippi
47	0.0	29	(MO) Missouri
8	0.0	30	(MT) Montana
25	0.0	31	(NE) Nebraska
30	0.0	32	(NV) Nevada
37	0.0	33	(NH) New Hampshire
669	0.4	34	(NJ) New Jersey
30	0.0	35	(NM) New Mexico
870	0.5	36	(NY) New York
611	0.3	37	(NC) North Carolina
144	0.1	38	(ND) North Dakota
283	0.2	39	(OH) Ohio
37	0.0	40	(OK) Oklahoma
30	0.0	41	(OR) Oregon
3905	2.1	42	(PA) Pennsylvania
38	0.0	44	(RI) Rhode Island
214	0.1	45	(SC) South Carolina
10	0.0	46	(SD) South Dakota
168	0.1	47	(TN) Tennessee
414	0.2	48	(TX) Texas
26	0.0	49	(UT) Utah
20	0.0	50	(VT) Vermont
3680	2.0	51	(VA) Virginia
89	0.0	53	(WA) Washington
919	0.5	54	(WV) West Virginia
43	0.0	55	(WI) Wisconsin
9	0.0	56	(WY) Wyoming
US TERRITORY			
3	0.0	72	(PR) Puerto Rico
1	0.0	75	(MH) Marshall Islands
2	0.0	78	(VI) Virgin Islands
CANADA			
MEXICO			
INTERNATIONAL			
UNKNOWN			
35332	19.0	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

2007	Prcnt	Code	Value and Description
2780	1.5	-1	Invalid engine code
137778	74.1	0	No errors
0	0.0	1	VIN has zero length
135	0.1	2	VIN contains improper characters
664	0.4	3	VIN length less than 7 characters
21979	11.8	4	VIN does not match any valid pattern
94	0.1	5	Make code not valid for VIN pattern
584	0.3	6	VIN model year / pattern conflict
35	0.0	7	Motorcycle or ATV VIN, inappropriate vehicle type
43	0.0	8	Recognized VIN, inappropriate vehicle make
7564	4.1	9	Series / model key not in table
2496	1.3	10	Series / model key in table, model year invalid
3	0.0	12	VIN not in U.S. standard format (gray market vehicle)
11792	6.3	99	VIN not decoded / no VIN

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

VINDICATOR Variable - CharacterSubstitution

2007	Prcnt	Code	Value and Description
161661	86.9	0	No alteration has been made
24286	13.1	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

2007	Prcnt	Code	Value and Description
35292	19.0	0	Missing data
35	0.0	1967	
		-	Model year
1627	0.9	1990	
2042	1.1	1991	1991
2739	1.5	1992	1992
3639	2.0	1993	1993
4882	2.6	1994	1994
5720	3.1	1995	1995
6350	3.4	1996	1996
7799	4.2	1997	1997
8434	4.5	1998	1998
9618	5.2	1999	1999
10861	5.8	2000	2000
11143	6.0	2001	2001
12013	6.5	2002	2002
12628	6.8	2003	2003
12313	6.6	2004	2004
12361	6.6	2005	2005
11793	6.3	2006	2006
8822	4.7	2007	2007
980	0.5	2008	2008

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

## VINDICATOR Variable - MakeNumber

2007	Prcnt	Code	Value and Description
34735	18.7	0	Missing data
9267	5.0	1	Chevrolet/Geo
10872	5.8	2	Ford
3569	1.9	3	Pontiac
2735	1.5	4	Buick
590	0.3	5	Plymouth
1736	0.9	6	Oldsmobile
3491	1.9	7	Dodge
2352	1.3	8	Volkswagen
2738	1.5	9	Mercury
1864	1.0	10	Cadillac
5	0.0	11	AMC/Eagle
2119	1.1	12	Chrysler
1568	0.8	13	Lincoln
912	0.5	14	Opel/Isuzu
8913	4.8	15	Datsun/Nissan
17000	9.1	16	Toyota

Variable 160:VINDICATOR - MAKE (Continued)

2007	Prcnt	Code	Value and Description
1	0.0	17	Capri/Merkur
3058	1.6	18	Mazda
11	0.0	19	Fiat/Bertone
1332	0.7	20	Volvo
475	0.3	21	Audi
28	0.0	22	Dodge/Mitsubishi
13494	7.3	23	Honda
95	0.1	24	Porsche
2	0.0	25	MG
1311	0.7	26	Subaru
9	0.0	27	Chrysler/Plymouth/Mitsubishi
6	0.0	28	GMCA/Passport/Asuna
10289	5.5	29	Chevrolet/Geo Truck
2865	1.5	30	GMC Truck
15538	8.4	31	Ford Truck
6218	3.3	32	Dodge Truck
2112	1.1	33	Chrysler/Plymouth Truck
4005	2.2	34	Jeep
2	0.0	35	International
1815	1.0	36	Mercedes Benz
1733	0.9	37	BMW
97	0.1	38	Renault/Eagle
241	0.1	39	Saab
0	0.0	40	Peugeot
0	0.0	41	Triumph
0	0.0	42	Ferrari
0	0.0	43	Lancia
274	0.1	44	Jaguar
5	0.0	45	Alfa Romeo
0	0.0	46	Rolls Royce
3	0.0	47	Bentley
2	0.0	48	Aston Martin
1	0.0	49	Delorean
1	0.0	50	Avanti
2567	1.4	51	Mitsubishi
2	0.0	52	Lotus
0	0.0	53	Yugo
3295	1.8	54	Hyundai
513	0.3	55	Suzuki
2	0.0	56	Maserati
2629	1.4	57	Acura
0	0.0	58	TVR
0	0.0	59	Sterling
276	0.1	60	Land Rover
0	0.0	61	Daihatsu
0	0.0	62	Panther
1	0.0	63	Lamborghini
0	0.0	64	Laforza
1787	1.0	65	Lexus
868	0.5	66	Infiniti
2191	1.2	67	Saturn
1484	0.8	68	Kia

## Variable 160:VINDICATOR - MAKE (Continued)

2007	Prcnt	Code	Value and Description
79	0.0	69	AM General
59	0.0	70	Daewoo
2	0.0	71	GEM
102	0.1	72	Mini
0	0.0	73	Maybach
598	0.3	74	Scion
3	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

2007	Prcnt	Code	Value and Description
34735	18.7	0	Make/model data missing
558	0.3	1000000	Chevrolet Unknown Series Model
2	0.0	1001001	Chevrolet Nova 2D Nova
1	0.0	1002006	Chevrolet Chevelle 4D Malibu
28	0.0	1003000	Chevrolet Monte Carlo 2D
1	0.0	1003004	Chevrolet Monte Carlo 2D 300
89	0.0	1003015	Chevrolet Monte Carlo 2D SS
21	0.0	1003016	Chevrolet Monte Carlo 2D LT
43	0.0	1003066	Chevrolet Monte Carlo 2D Z34
197	0.1	1003069	Chevrolet Monte Carlo 2D LS
9	0.0	1003075	Chevrolet Monte Carlo 2D Hi-Sport SS
2	0.0	1006014	Chevrolet Impala 2D Custom
1	0.0	1007000	Chevrolet Caprice 2D
1	0.0	1007014	Chevrolet Caprice 2D Custom
224	0.1	1008000	Chevrolet Camaro 2D
2	0.0	1008040	Chevrolet Camaro 2D Berlinetta
18	0.0	1008045	Chevrolet Camaro 2D Z28
73	0.0	1009000	Chevrolet Corvette 2D
5	0.0	1009013	Chevrolet Corvette 2D Z06
2	0.0	1009035	Chevrolet Corvette 2D Sport
1	0.0	1009042	Chevrolet Corvette 2D Sting Ray
1	0.0	1009048	Chevrolet Corvette 2D Collectors Edition
8	0.0	1018000	Chevrolet Caprice SW
11	0.0	1018039	Chevrolet Caprice SW Classic
5	0.0	1019006	Chevrolet Chevelle 2D Malibu
2	0.0	1020000	Chevrolet El Camino 2D
1	0.0	1020009	Chevrolet El Camino 2D El Camino Custom
2	0.0	1020039	Chevrolet El Camino 2D Classic
14	0.0	1022000	Chevrolet Nova 4D
1	0.0	1023033	Chevrolet Laguna 2D Laguna S-3
877	0.5	1026000	Chevrolet Impala 4D
35	0.0	1026015	Chevrolet Impala 4D SS



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
25	0.0	1026016	Chevrolet Impala 4D LT
12	0.0	1026058	Chevrolet Impala 4D LTZ
387	0.2	1026069	Chevrolet Impala 4D LS
241	0.1	1026071	Chevrolet Impala 4D Police
132	0.1	1026076	Chevrolet Impala 4D LT 3.5
38	0.0	1027000	Chevrolet Caprice 4D
3	0.0	1027029	Chevrolet Caprice 4D Classic LS/LTZ
49	0.0	1027039	Chevrolet Caprice 4D Classic
6	0.0	1027044	Chevrolet Caprice 4D Classic LS/Impala SS
9	0.0	1027056	Chevrolet Caprice 4D Brougham
14	0.0	1027067	Chevrolet Caprice 4D Classic/LTZ
61	0.0	1027070	Chevrolet Caprice 4D Classic/Impala SS
6	0.0	1028000	Chevrolet Chevette 2D
1	0.0	1028046	Chevrolet Chevette 2D Scooter
588	0.3	1032000	Chevrolet Malibu 4D
1	0.0	1032015	Chevrolet Malibu 4D SS
139	0.1	1032016	Chevrolet Malibu 4D LT
7	0.0	1032058	Chevrolet Malibu 4D LTZ
469	0.3	1032069	Chevrolet Malibu 4D LS
4	0.0	1032079	Chevrolet Malibu 4D LS Classic
3	0.0	1032080	Chevrolet Malibu 4D LT Classic
1	0.0	1033000	Chevrolet Malibu SW
1	0.0	1035000	Chevrolet Chevette 4D
2	0.0	1037000	Chevrolet Citation 4D
592	0.3	1038000	Chevrolet Cavalier 2D
83	0.0	1038030	Chevrolet Cavalier 2D Z24/LS Sport
2	0.0	1038047	Chevrolet Cavalier 2D Type 10
107	0.1	1038054	Chevrolet Cavalier 2D Z24
48	0.0	1038069	Chevrolet Cavalier 2D LS
233	0.1	1038072	Chevrolet Cavalier 2D Base/RS
991	0.5	1039000	Chevrolet Cavalier 4D
24	0.0	1039030	Chevrolet Cavalier 4D Z24/LS
2	0.0	1039049	Chevrolet Cavalier 4D CS
1	0.0	1039053	Chevrolet Cavalier 4D RS
212	0.1	1039069	Chevrolet Cavalier 4D LS
24	0.0	1040000	Chevrolet Cavalier SW
1	0.0	1041000	Chevrolet Celebrity 2D
40	0.0	1042000	Chevrolet Celebrity 4D
3	0.0	1043000	Chevrolet Cavalier Conv
1	0.0	1043047	Chevrolet Cavalier Conv Type 10
8	0.0	1043054	Chevrolet Cavalier Conv Z24
5	0.0	1043069	Chevrolet Cavalier Conv LS
16	0.0	1044000	Chevrolet Celebrity SW
1	0.0	1045000	Chevrolet Sprint 2D
1	0.0	1045057	Chevrolet Sprint 2D ER
1	0.0	1047000	Chevrolet Spectrum 4D
21	0.0	1049000	Chevrolet Corvette Conv
108	0.1	1050000	Chevrolet Corsica 4D
51	0.0	1050016	Chevrolet Corsica 4D LT
2	0.0	1050058	Chevrolet Corsica 4D LTZ
51	0.0	1051000	Chevrolet Beretta 2D
7	0.0	1051059	Chevrolet Beretta 2D GT

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

2007	Prcnt	Code	Value and Description
2	0.0	1051065	Chevrolet Beretta 2D GTZ
10	0.0	1051068	Chevrolet Beretta 2D Z26
19	0.0	1052000	Chevrolet Camaro Conv
40	0.0	1053017	Chevrolet Geo Metro 2D Base/LSI
1	0.0	1053061	Chevrolet Geo Metro 2D LSI
4	0.0	1053064	Chevrolet Geo Metro 2D XFI
23	0.0	1054017	Chevrolet Geo Metro 4D Base/LSI
42	0.0	1054061	Chevrolet Geo Metro 4D LSI
48	0.0	1055000	Chevrolet Geo Prizm 4D
358	0.2	1055017	Chevrolet Geo Prizm 4D Base/LSI
1	0.0	1055062	Chevrolet Geo Prizm 4D GSI
213	0.1	1056000	Chevrolet Lumina 4D
12	0.0	1056058	Chevrolet Lumina 4D LTZ
30	0.0	1056063	Chevrolet Lumina 4D Eurosport
26	0.0	1056069	Chevrolet Lumina 4D LS
257	0.1	1056073	Chevrolet Lumina 4D Base/LS
4	0.0	1057000	Chevrolet Lumina 2D
9	0.0	1057063	Chevrolet Lumina 2D Eurosport
6	0.0	1057066	Chevrolet Lumina 2D Z34
2	0.0	1058061	Chevrolet Geo Metro Conv LSI
10	0.0	1059000	Chevrolet Geo Storm 2D
5	0.0	1059062	Chevrolet Geo Storm 2D GSI
1	0.0	1060000	Chevrolet Geo Storm 2D SW
119	0.1	1061000	Chevrolet Malibu Classic 4D
2	0.0	1062000	Chevrolet Malibu Maxx 5D
24	0.0	1062016	Chevrolet Malibu Maxx 5D LT
1	0.0	1062058	Chevrolet Malibu Maxx 5D LTZ
35	0.0	1062069	Chevrolet Malibu 5D LS
9	0.0	1063000	Chevrolet Aveo 4D
12	0.0	1063016	Chevrolet Aveo 4D LT
34	0.0	1063069	Chevrolet Aveo 4D LS
41	0.0	1063073	Chevrolet Aveo 4D Base/LS
8	0.0	1064000	Chevrolet Aveo 5D
7	0.0	1064016	Chevrolet Aveo 5D LT
5	0.0	1064069	Chevrolet Aveo 5D LS
32	0.0	1064073	Chevrolet Aveo 5D Base/LS
34	0.0	1065000	Chevrolet Cobalt 2D
11	0.0	1065015	Chevrolet Cobalt 2D SS
59	0.0	1065016	Chevrolet Cobalt 2D LT
161	0.1	1065069	Chevrolet Cobalt 2D LS
96	0.1	1066000	Chevrolet Cobalt 4D
7	0.0	1066015	Chevrolet Cobalt 4D SS
86	0.0	1066016	Chevrolet Cobalt 4D LT
1	0.0	1066035	Chevrolet Cobalt 4D Sport
3	0.0	1066058	Chevrolet Cobalt 4D LTZ
271	0.1	1066069	Chevrolet Cobalt 4D LS
4	0.0	1067000	Chevrolet Corvette Z06 2D
12	0.0	1068000	Chevrolet Cobalt SS Supercharged 2D
451	0.2	2000000	Ford Unknown Series Model
3	0.0	2007000	Ford LTD 2D
6	0.0	2007037	Ford LTD 2D Crown Victoria
4	0.0	2007050	Ford LTD 2D Crown Victoria LX

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
543	0.3	2008000	Ford Mustang 2D
16	0.0	2008008	Ford Mustang 2D Cobra
212	0.1	2008010	Ford Mustang 2D GT
1	0.0	2008031	Ford Mustang 2D Ghia
2	0.0	2008042	Ford Mustang 2D L
66	0.0	2008045	Ford Mustang 2D LX
47	0.0	2009000	Ford Thunderbird 2D
152	0.1	2009045	Ford Thunderbird 2D LX
2	0.0	2009052	Ford Thunderbird 2D Sport
1	0.0	2009053	Ford Thunderbird 2D Turbo
5	0.0	2009058	Ford Thunderbird 2D Super
9	0.0	2011086	Ford Crown Victoria LWB 4D Fleet
1	0.0	2015014	Ford Ranchero Ranchero 500
1	0.0	2018000	Ford Maverick 4D
4	0.0	2020000	Ford Granada 2D
2	0.0	2021000	Ford Granada 4D
1	0.0	2021042	Ford Granada 4D L
2489	1.3	2023015	Ford LTD/Crown Victoria 4D Crown Victoria Police
65	0.0	2023016	Ford LTD/Crown Victoria 4D Crown Victoria STD
1	0.0	2023021	Ford LTD/Crown Victoria 4D Brougham
65	0.0	2023037	Ford LTD/Crown Victoria 4D Crown Victoria
310	0.2	2023050	Ford LTD/Crown Victoria 4D Crown Victoria LX
53	0.0	2023051	Ford LTD 4D Crown Victoria S
2	0.0	2023070	Ford LTD 4D Crown Victoria Commercial
2	0.0	2025000	Ford Fairmont 2D
1	0.0	2033039	Ford Torino 2D Grand Torino Sport
1	0.0	2034000	Ford Torino 4D
2	0.0	2035024	Ford Torino SW Grand Torino
2	0.0	2040011	Ford LTD SW Country Squire
2	0.0	2040050	Ford LTD SW Crown Victoria LX
4	0.0	2040054	Ford LTD SW Country Squire LX
1	0.0	2041044	Ford Escort 2D GL
1	0.0	2042044	Ford Escort SW GL
1	0.0	2045047	Ford EXP 2D Escort EXP Sport
1	0.0	2048034	Ford Fairmont Futura 4D S
116	0.1	2051000	Ford Mustang Conv
9	0.0	2051008	Ford Mustang Conv Cobra
98	0.1	2051010	Ford Mustang Conv GT
2	0.0	2051043	Ford Mustang Conv GLX
19	0.0	2051045	Ford Mustang Conv LX
1	0.0	2052000	Ford LTD 4D
3	0.0	2053000	Ford LTD SW
4	0.0	2054044	Ford Tempo 2D 2WD GL
5	0.0	2055042	Ford Tempo 4D 2WD L
96	0.1	2055044	Ford Tempo 4D 2WD GL
5	0.0	2055045	Ford Tempo 4D 2WD LX
1	0.0	2055056	Ford Tempo 4D 2WD GLS
142	0.1	2056001	Ford Taurus 4D LX/SE
795	0.4	2056018	Ford Taurus 4D SE
23	0.0	2056029	Ford Taurus 4D G
35	0.0	2056042	Ford Taurus 4D L
500	0.3	2056044	Ford Taurus 4D GL

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

2007	Prcnt	Code	Value and Description
164	0.1	2056045	Ford Taurus 4D LX
23	0.0	2056057	Ford Taurus 4D SHO
2	0.0	2056061	Ford Taurus 4D MT-5/L/GL/LX
419	0.2	2056073	Ford Taurus 4D SES
212	0.1	2056074	Ford Taurus 4D SEL
86	0.0	2057018	Ford Taurus SW SE
11	0.0	2057042	Ford Taurus SW L
105	0.1	2057044	Ford Taurus SW GL
22	0.0	2057045	Ford Taurus SW LX
8	0.0	2057074	Ford Taurus SW SEL
4	0.0	2059048	Ford Tempo 4D 4WD All Wheel
8	0.0	2061042	Ford Festiva 2D L
7	0.0	2061044	Ford Festiva 2D GL
1	0.0	2061045	Ford Festiva 2D LX
1	0.0	2061059	Ford Festiva 2D L Plus
5	0.0	2062044	Ford Escort 2D GL
4	0.0	2062046	Ford Escort 2D Pony
3	0.0	2063044	Ford Escort 4D GL
4	0.0	2064042	Ford Escort SW L
7	0.0	2066000	Ford Escort 2D
13	0.0	2066010	Ford Escort 2D GT
2	0.0	2066042	Ford Escort 2D L
80	0.0	2066045	Ford Escort 2D LX
5	0.0	2066046	Ford Escort 2D Pony
203	0.1	2066063	Ford Escort 2D ZX2
16	0.0	2067000	Ford Escort 4D
1	0.0	2067012	Ford Escort 4D LX-E
188	0.1	2067018	Ford Escort 4D SE
349	0.2	2067045	Ford Escort 4D LX
41	0.0	2068018	Ford Escort SW SE
171	0.1	2068045	Ford Escort SW LX
46	0.0	2069000	Ford Probe 2D
35	0.0	2069010	Ford Probe 2D GT
7	0.0	2069044	Ford Probe 2D GL
13	0.0	2069045	Ford Probe 2D LX
9	0.0	2070000	Ford Aspire 4D
17	0.0	2071000	Ford Aspire 2D
47	0.0	2072001	Ford Contour 4D LX/SE
82	0.0	2072018	Ford Contour 4D SE
66	0.0	2072044	Ford Contour 4D GL
40	0.0	2072045	Ford Contour 4D LX
24	0.0	2072062	Ford Contour 4D BASE/GL
3	0.0	2072064	Ford Contour 4D SVT
50	0.0	2072066	Ford Contour 4D Base/GL/LX
161	0.1	2073067	Ford Focus 3D ZX3
11	0.0	2073072	Ford Focus 3D ZX3 SVT
280	0.2	2074018	Ford Focus 4D SE
2	0.0	2074034	Ford Focus 4D S
247	0.1	2074045	Ford Focus 4D LX
67	0.0	2074069	Ford Focus 4D ZTS
79	0.0	2074071	Ford Focus 4D ZX5 Hatchback
494	0.3	2074080	Ford Focus 4D ZX4

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
12	0.0	2074081	Ford Focus 4D ST
4	0.0	2074087	Ford Focus 4D SE/SEL/SES
78	0.0	2075018	Ford Focus SW SE
4	0.0	2075078	Ford Focus SW ZTW
33	0.0	2075079	Ford Focus SW ZXW
15	0.0	2076000	Ford Thunderbird Conv
1	0.0	2076076	Ford Thunderbird Conv Pacific Coast Roadster
46	0.0	2080018	Ford Five Hundred 4D 2WD SE
40	0.0	2080074	Ford Five Hundred 4D 2WD SEL
14	0.0	2080082	Ford Five Hundred 4D 2WD Limited
1	0.0	2081018	Ford Five Hundred 4D 4WD SE
3	0.0	2081074	Ford Five Hundred 4D 4WD SEL
15	0.0	2081082	Ford Five Hundred 4D 4WD Limited
88	0.0	2082018	Ford Fusion 4D 2WD SE
55	0.0	2082034	Ford Fusion 4D 2WD S
41	0.0	2082074	Ford Fusion 4D 2WD SEL
2	0.0	2083085	Ford Fusion 4D 4WD V6 SEL
60	0.0	2084000	Ford Mustang GT/Cobra 2D
20	0.0	2085000	Ford Mustang GT/Cobra Conv
4	0.0	2088074	Ford Taurus 4D 2WD SEL
5	0.0	2088082	Ford Taurus 4D 2WD Limited
347	0.2	3000000	Pontiac Unknown Series Model
1	0.0	3001000	Pontiac LeMans 4D
1	0.0	3004010	Pontiac Bonneville 2D Brougham
4	0.0	3005000	Pontiac Grand Prix 2D
2	0.0	3005010	Pontiac Grand Prix 2D Brougham
1	0.0	3005016	Pontiac Grand Prix 2D SJ
5	0.0	3005025	Pontiac Grand Prix 2D LE
40	0.0	3005026	Pontiac Grand Prix 2D SE
58	0.0	3005033	Pontiac Grand Prix 2D GT
10	0.0	3005044	Pontiac Grand Prix 2D GTP
78	0.0	3006000	Pontiac Firebird 2D
18	0.0	3006009	Pontiac Firebird 2D Trans Am
2	0.0	3006012	Pontiac Firebird 2D Espirit
1	0.0	3006013	Pontiac Firebird 2D Formula 400
1	0.0	3006026	Pontiac Firebird 2D SE
40	0.0	3006043	Pontiac Firebird 2D Formula/Trans Am
3	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
115	0.1	3016026	Pontiac Grand Am 2D SE
111	0.1	3016033	Pontiac Grand Am 2D GT
3	0.0	3017025	Pontiac Grand Am 4D LE
530	0.3	3017026	Pontiac Grand Am 4D SE
132	0.1	3017033	Pontiac Grand Am 4D GT
1	0.0	3021000	Pontiac Catalina 4D
1	0.0	3022000	Pontiac Bonneville 4D
2	0.0	3022010	Pontiac Bonneville 4D Brougham
11	0.0	3022025	Pontiac Bonneville 4D LE
183	0.1	3022026	Pontiac Bonneville 4D SE
19	0.0	3022036	Pontiac Bonneville 4D SSE
9	0.0	3022041	Pontiac Bonneville 4D SSEI

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

2007	Prcnt	Code	Value and Description
13	0.0	3022045	Pontiac Bonneville 4D SLE
4	0.0	3022048	Pontiac Bonneville 4D GXP
1	0.0	3028000	Pontiac Phoenix 2D
20	0.0	3030030	Pontiac J2000/2000 2D Sunbird LE
2	0.0	3030031	Pontiac J2000/2000 2D Sunbird SE
3	0.0	3031028	Pontiac J2000/2000 4D Sunbird
12	0.0	3031030	Pontiac J2000/2000 4D Sunbird LE
3	0.0	3036000	Pontiac 6000 4D 2WD
9	0.0	3036025	Pontiac 6000 4D 2WD LE
3	0.0	3037030	Pontiac 2000 2D Conv Sunbird LE
1	0.0	3037031	Pontiac 2000 2D Conv Sunbird SE
2	0.0	3038025	Pontiac 6000 SW LE
3	0.0	3039026	Pontiac Fiero 2D SE
3	0.0	3039032	Pontiac Fiero 2D Sport
4	0.0	3039033	Pontiac Fiero 2D GT
1	0.0	3040000	Pontiac Parisienne 4D
5	0.0	3040010	Pontiac Parisienne 4D Brougham
3	0.0	3041000	Pontiac Parisienne SW
1	0.0	3041005	Pontiac Parisienne SW Safari
181	0.1	3044000	Pontiac Grand Prix 4D
13	0.0	3044025	Pontiac Grand Prix 4D LE
191	0.1	3044026	Pontiac Grand Prix 4D SE
1	0.0	3044027	Pontiac Grand Prix 4D STE
198	0.1	3044033	Pontiac Grand Prix 4D GT
37	0.0	3044044	Pontiac Grand Prix 4D GTP
34	0.0	3044047	Pontiac Grand Prix 4D GT2
5	0.0	3044048	Pontiac Grand Prix 4D GXP
37	0.0	3045000	Pontiac Trans Sport Van SWB
18	0.0	3046000	Pontiac Trans Sport Cargo Van LWB
4	0.0	3047000	Pontiac Firebird Conv
1	0.0	3047009	Pontiac Firebird Conv Trans Am
101	0.1	3048000	Pontiac Sunfire 2D
204	0.1	3048026	Pontiac Sunfire 2D SE
25	0.0	3048033	Pontiac Sunfire 2D GT
90	0.0	3049026	Pontiac Sunfire 4D SE
5	0.0	3050026	Pontiac Sunfire Conv SE
1	0.0	3050033	Pontiac Sunfire Conv GT
19	0.0	3051000	Pontiac Montana Van SWB 2WD
63	0.0	3052000	Pontiac Montana Van LWB 2WD
22	0.0	3053000	Pontiac Aztek 4D 2WD
8	0.0	3054000	Pontiac Aztek 4D 4WD
2	0.0	3055000	Pontiac Montana Van LWB 4WD
96	0.1	3056000	Pontiac Vibe SW 2WD
1	0.0	3056033	Pontiac Vibe SW 2WD GT
6	0.0	3057046	Pontiac Vibe SW 4WD AWD
34	0.0	3058000	Pontiac GTO 2D
1	0.0	3060000	Pontiac Montana CG Van LWB 2WD
21	0.0	3062000	Pontiac G5 (2007-2008) / Pursuit (2005-2006) 2D
2	0.0	3062026	Pontiac G5 2D SE
4	0.0	3062033	Pontiac G5 2D GT
1	0.0	3064000	Pontiac G6 4D
49	0.0	3064026	Pontiac G6 4D SE

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
55	0.0	3064033	Pontiac G6 4D GT
4	0.0	3064044	Pontiac G6 4D GTP
1	0.0	3064048	Pontiac G6 4D GXP
125	0.1	3064049	Pontiac G6 4D SEI
14	0.0	3065000	Pontiac Soltice Conv
3	0.0	3065048	Pontiac Soltice Conv GXP
2	0.0	3066000	Pontiac Montana SV6 Van SWB 2WD
9	0.0	3067000	Pontiac Montana SV6 Van LWB 2WD
2	0.0	3068000	Pontiac Montana SV6 Van LWB 4WD
14	0.0	3069000	Pontiac Torrent 4D 2WD
9	0.0	3070000	Pontiac Torrent 4D 4WD
9	0.0	3073033	Pontiac G6 2D GT
4	0.0	3073044	Pontiac G6 2D GTP
8	0.0	3074033	Pontiac G6 Conv GT
3	0.0	3074044	Pontiac G6 Conv GTP
182	0.1	4000000	Buick Unknown Series Model
13	0.0	4001000	Buick Century 4D
416	0.2	4001003	Buick Century 4D Custom
125	0.1	4001006	Buick Century 4D Special
82	0.0	4001014	Buick Century 4D Limited
4	0.0	4002000	Buick LeSabre 2D
3	0.0	4002014	Buick LeSabre 2D Limited
42	0.0	4005000	Buick Riviera 2D
4	0.0	4005028	Buick Riviera 2D Luxury
1	0.0	4006003	Buick Century 2D Custom
1	0.0	4006014	Buick Century 2D Limited
2	0.0	4009000	Buick Estate Wagon
11	0.0	4009033	Buick Estate Wagon Roadmaster
6	0.0	4010003	Buick Century SW Custom
11	0.0	4010006	Buick Century SW Special
6	0.0	4011000	Buick Skylark 2D
8	0.0	4011003	Buick Skylark 2D Custom
3	0.0	4011013	Buick Skylark 2D Custom/LTD/Gran Sport
1	0.0	4011031	Buick Skylark 2D Grand Sport
44	0.0	4013000	Buick Skylark 4D
18	0.0	4013003	Buick Skylark 4D Custom
12	0.0	4013013	Buick Skylark 4D Custom/LTD/Gran Sport
3	0.0	4013014	Buick Skylark 4D Limited
1	0.0	4013031	Buick Skylark 4D Gran Sport
584	0.3	4014003	Buick LeSabre 4D Custom
184	0.1	4014014	Buick LeSabre 4D Limited
1	0.0	4015014	Buick Electra 4D RWD Limited
2	0.0	4015020	Buick Electra 4D RWD Park Avenue
8	0.0	4017000	Buick Regal 2D RWD
2	0.0	4017014	Buick Regal 2D RWD Limited
1	0.0	4017018	Buick Regal 2D RWD Regal Limited
1	0.0	4017025	Buick Regal 2D RWD T Type
1	0.0	4024011	Buick Electra SW RWD Estate
1	0.0	4025017	Buick Skyhawk 4D Sport
1	0.0	4027000	Buick Riviera 2D Conv
1	0.0	4028000	Buick Skyhawk SW
2	0.0	4030014	Buick Electra/Park Avenue 4D Limited

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

2007	Prcnt	Code	Value and Description
109	0.1	4030020	Buick Electra/Park Avenue 4D Park Avenue
24	0.0	4030029	Buick Electra/Park Avenue 4D Park Avenue Ultra
2	0.0	4031003	Buick Somerset 2D Custom
22	0.0	4032003	Buick Regal 2D FWD Custom
3	0.0	4032014	Buick Regal 2D FWD Limited
8	0.0	4032015	Buick Regal 2D FWD Custom/Gran Sport
5	0.0	4032031	Buick Regal 2D FWD Gran Sport
2	0.0	4033000	Buick Reatta 2D
89	0.0	4035003	Buick Regal 4D FWD Custom
38	0.0	4035004	Buick Regal 4D FWD GS
19	0.0	4035014	Buick Regal 4D FWD Limited
6	0.0	4035031	Buick Regal 4D FWD Gran Sport
104	0.1	4035032	Buick Regal 4D FWD LS
28	0.0	4037000	Buick Roadmaster 4D
31	0.0	4037014	Buick Roadmaster 4D Limited
132	0.1	4038000	Buick Park Avenue 4D
57	0.0	4038030	Buick Park Avenue 4D Ultra
58	0.0	4039000	Buick Rendezvous 4D 2WD
45	0.0	4040000	Buick Rendezvous 4D 4WD
12	0.0	4042000	Buick Rainier 4D 4x4
31	0.0	4043034	Buick Lacrosse 4D CX
35	0.0	4043035	Buick Lacrosse 4D CXL
9	0.0	4043036	Buick Lacrosse 4D CXS
3	0.0	4045034	Buick Terraza Van LWB 2WD CX
6	0.0	4045035	Buick Terraza Van LWB 2WD CXL
1	0.0	4050034	Buick Allure 4D CX
21	0.0	4051034	Buick Lucerne 4D CX
33	0.0	4051035	Buick Lucerne 4D CXL
9	0.0	4051036	Buick Lucerne 4D CXS
1	0.0	4052034	Buick Enclave 4D 2WD CX
1	0.0	4052035	Buick Enclave 4D 2WD CXL
3	0.0	4053035	Buick Enclave 4D 4WD CXL
50	0.0	5000000	Plymouth Unknown Series Model
1	0.0	5007000	Plymouth Barracuda
5	0.0	5012000	Plymouth Horizon 4D
1	0.0	5014001	Plymouth Valiant 4D V-100/V-200
1	0.0	5018000	Plymouth Volare 4D
1	0.0	5023000	Plymouth Reliant 4D
1	0.0	5023043	Plymouth Reliant 4D Special Edition
6	0.0	5023051	Plymouth Reliant 4D LE
1	0.0	5024036	Plymouth Reliant SW Custom
2	0.0	5025000	Plymouth Caravelle 4D
13	0.0	5026000	Plymouth Sundance 2D
2	0.0	5026002	Plymouth Sundance 2D Duster
2	0.0	5026054	Plymouth Sundance 2D America
16	0.0	5027000	Plymouth Sundance 4D
3	0.0	5027002	Plymouth Sundance 4D Duster
3	0.0	5027054	Plymouth Sundance 4D America
53	0.0	5028000	Plymouth Acclaim 4D
3	0.0	5028051	Plymouth Acclaim 4D LE
6	0.0	5028052	Plymouth Acclaim 4D LX
5	0.0	5029000	Plymouth Laser 2D 2WD



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
2	0.0	5029055	Plymouth Laser 2D 2WD RS/RS Turbo
60	0.0	5031000	Plymouth Neon 4D
76	0.0	5031004	Plymouth Neon 4D Base/Expresso
109	0.1	5031008	Plymouth Neon 4D Base/LX
11	0.0	5031037	Plymouth Neon 4D Sport
22	0.0	5032000	Plymouth Neon 2D
16	0.0	5032004	Plymouth Neon 2D Base/Expresso
1	0.0	5032037	Plymouth Neon 2D Sport
51	0.0	5033000	Plymouth Breeze 4D
67	0.0	5033004	Plymouth Breeze 4D Base/Expresso
199	0.1	6000000	Oldsmobile Unknown Series Model
6	0.0	6001000	Oldsmobile Cutlass 4D
4	0.0	6001003	Oldsmobile Cutlass 4D Cutlass Supreme
4	0.0	6001024	Oldsmobile Cutlass 4D Supreme Brougham
41	0.0	6001056	Oldsmobile Cutlass 4D GL
27	0.0	6001057	Oldsmobile Cutlass 4D GLS
4	0.0	6002008	Oldsmobile Delta-88 2D Royale
5	0.0	6002029	Oldsmobile Delta-88 2D Royale Brougham
2	0.0	6004020	Oldsmobile Toronado Brougham
4	0.0	6004046	Oldsmobile Toronado Trofeo
18	0.0	6005003	Oldsmobile Cutlass 2D Cutlass Supreme
1	0.0	6005019	Oldsmobile Cutlass 2D Salon
3	0.0	6005023	Oldsmobile Cutlass 2D Calais
5	0.0	6005024	Oldsmobile Cutlass 2D Supreme Brougham
7	0.0	6008021	Oldsmobile Cutlass SW Cruiser
5	0.0	6008041	Oldsmobile Cutlass SW Ciera SL Brougham
6	0.0	6008050	Oldsmobile Cutlass SW Cruiser SL
5	0.0	6008053	Oldsmobile Cutlass SW Cruiser S
3	0.0	6010000	Oldsmobile Custom Cruiser SW
96	0.1	6014008	Oldsmobile Delta-88 4D Royale
85	0.0	6014016	Oldsmobile Delta-88 4D Base/LS
9	0.0	6014017	Oldsmobile Delta-88 4D LSS
8	0.0	6014018	Oldsmobile Delta-88 4D Regency
23	0.0	6014029	Oldsmobile Delta-88 4D Royale Brougham
31	0.0	6014054	Oldsmobile Delta-88 4D Royale LS
2	0.0	6014059	Oldsmobile Delta-88 4D 50th Anniversary Edition
2	0.0	6015018	Oldsmobile 98 4D RWD Regency
2	0.0	6015036	Oldsmobile 98 4D RWD Regency Brougham
1	0.0	6016030	Oldsmobile Firenza 2D S
2	0.0	6017000	Oldsmobile Firenza 4D
1	0.0	6018033	Oldsmobile Ciera 2D Ciera
1	0.0	6018035	Oldsmobile Ciera 2D Ciera Brougham
3	0.0	6018051	Oldsmobile Ciera 2D Ciera S
42	0.0	6019033	Oldsmobile Ciera 4D Ciera
14	0.0	6019034	Oldsmobile Ciera 4D Ciera LS
3	0.0	6019035	Oldsmobile Ciera 4D Ciera Brougham
71	0.0	6019041	Oldsmobile Ciera 4D Ciera SL
105	0.1	6019051	Oldsmobile Ciera 4D Ciera S
1	0.0	6020000	Oldsmobile Firenza SW
19	0.0	6022018	Oldsmobile 98 4D FWD Regency
11	0.0	6022036	Oldsmobile 98 4D FWD Regency Brougham
1	0.0	6022043	Oldsmobile 98 4D FWD Touring

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

2007	Prcnt	Code	Value and Description
32	0.0	6022052	Oldsmobile 98 4D FWD Regency Elite
1	0.0	6023000	Oldsmobile Calais 2D
2	0.0	6023030	Oldsmobile Calais 2D S
1	0.0	6023047	Oldsmobile Calais 2D SL
8	0.0	6024000	Oldsmobile Calais 4D
3	0.0	6024030	Oldsmobile Calais 4D S
5	0.0	6025003	Oldsmobile Cutlass 2D FWD Cutlass Supreme
11	0.0	6025012	Oldsmobile Cutlass 2D Supreme S
21	0.0	6025049	Oldsmobile Cutlass 2D FWD Supreme SL
5	0.0	6026003	Oldsmobile Cutlass 4D FWD Cutlass Supreme
36	0.0	6026012	Oldsmobile Cutlass 4D Supreme S
46	0.0	6026049	Oldsmobile Cutlass 4D FWD Supreme SL
1	0.0	6027003	Oldsmobile Cutlass Conv Cutlass Supreme
14	0.0	6028000	Oldsmobile Silhouette Van SWD 2WD
67	0.0	6029000	Oldsmobile Bravada 4D 4x4
4	0.0	6030030	Oldsmobile Achieva 2D S
3	0.0	6030055	Oldsmobile Achieva 2D SC
4	0.0	6031030	Oldsmobile Achieva 4D S
39	0.0	6031047	Oldsmobile Achieva 4D SL
42	0.0	6032000	Oldsmobile Aurora 4D
20	0.0	6032061	Oldsmobile Aurora 4D 3.5L
6	0.0	6032062	Oldsmobile Aurora 4D 4.0L
66	0.0	6033000	Oldsmobile Silhouette Van LWB 2WD
24	0.0	6034000	Oldsmobile Intrigue 4D
48	0.0	6034056	Oldsmobile Intrigue 4D GL
14	0.0	6034057	Oldsmobile Intrigue 4D GLS
40	0.0	6034058	Oldsmobile Intrigue 4D GX
34	0.0	6035056	Oldsmobile Alero 2D GL
13	0.0	6035057	Oldsmobile Alero 2D GLS
11	0.0	6035058	Oldsmobile Alero 2D GX
167	0.1	6036056	Oldsmobile Alero 4D GL
40	0.0	6036057	Oldsmobile Alero 4D GLS
24	0.0	6036058	Oldsmobile Alero 4D GX
2	0.0	6038000	Oldsmobile Silhouette Van LWB 4WD
203	0.1	7000000	Dodge Unknown Series Model
1	0.0	7001002	Dodge Dart 2D Swinger
1	0.0	7005000	Dodge Challenger 2D
1	0.0	7005012	Dodge Challenger 2D R/T
5	0.0	7007000	Dodge Omni 4D
1	0.0	7013000	Dodge Dart 4D
1	0.0	7013003	Dodge Dart 4D 270/Custom
1	0.0	7022000	Dodge Diplomat 4D
1	0.0	7022017	Dodge Diplomat 4D SE
1	0.0	7022030	Dodge Diplomat 4D Salon
1	0.0	7032000	Dodge Aries 4D
1	0.0	7032005	Dodge Aries 4D Custom
3	0.0	7032025	Dodge Aries 4D Special Edition
11	0.0	7032046	Dodge Aries 4D LE
3	0.0	7033046	Dodge Aries SW LE
1	0.0	7037017	Dodge 600 4D SE
6	0.0	7041000	Dodge Daytona 2D
2	0.0	7041044	Dodge Daytona 2D ES

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
1	0.0	7041047	Dodge Daytona 2D Pacifica
9	0.0	7043000	Dodge Shadow 2D
8	0.0	7043044	Dodge Shadow 2D ES
5	0.0	7043050	Dodge Shadow 2D America
30	0.0	7044000	Dodge Shadow 4D
2	0.0	7044044	Dodge Shadow 4D ES
5	0.0	7044050	Dodge Shadow 4D America
32	0.0	7045000	Dodge Dynasty 4D
17	0.0	7045046	Dodge Dynasty 4D LE
54	0.0	7046000	Dodge Spirit 4D
1	0.0	7046012	Dodge Spirit 4D R/T
2	0.0	7046044	Dodge Spirit 4D ES
3	0.0	7046046	Dodge Spirit 4D LE
2	0.0	7048057	Dodge Viper Conv SRT-10
222	0.1	7049000	Dodge Intrepid 4D
5	0.0	7049012	Dodge Intrepid 4D R/T
207	0.1	7049017	Dodge Intrepid 4D SE
119	0.1	7049044	Dodge Intrepid 4D ES
26	0.0	7049056	Dodge Intrepid 4D ES/SXT
184	0.1	7050000	Dodge Neon 4D
4	0.0	7050012	Dodge Neon 4D R/T
48	0.0	7050017	Dodge Neon 4D SE
129	0.1	7050018	Dodge Neon 4D Base/ES
22	0.0	7050033	Dodge Neon 4D Sport
110	0.1	7050052	Dodge Neon 4D Base/Sport/RT
99	0.1	7050053	Dodge Neon 4D SE/ES/RT
69	0.0	7050056	Dodge Neon 4D ES/SXT
277	0.1	7050060	Dodge Neon 4D SXT
14	0.0	7051000	Dodge Neon 2D
3	0.0	7051033	Dodge Neon 2D Sport
33	0.0	7051052	Dodge Neon 2D Base/Sport/RT
160	0.1	7052000	Dodge Stratus 4D
5	0.0	7052012	Dodge Stratus 4D R/T
248	0.1	7052017	Dodge Stratus 4D SE
77	0.0	7052044	Dodge Stratus 4D ES
24	0.0	7052055	Dodge Stratus 4D SE Plus/SXT
114	0.1	7052058	Dodge Stratus 4D Base/SXT
25	0.0	7052059	Dodge Stratus 4D SE/SXT
46	0.0	7052060	Dodge Stratus 4D SXT
117	0.1	7052062	Dodge Stratus 4D SE Special/SXT
3	0.0	7053000	Dodge Avenger 2D
27	0.0	7053018	Dodge Avenger 2D Base/ES
5	0.0	7053033	Dodge Avenger 2D Sport
19	0.0	7053044	Dodge Avenger 2D ES
1	0.0	7054007	Dodge Viper 2D GTS
27	0.0	7055012	Dodge Stratus 2D RT
28	0.0	7055017	Dodge Stratus 2D SE
16	0.0	7055060	Dodge Stratus 2D SXT
34	0.0	7056000	Dodge SRT-4 4D
111	0.1	7057059	Dodge Magnum SW 2WD SE/SXT
6	0.0	7058060	Dodge Magnum SW 4WD SXT
175	0.1	7059059	Dodge Charger 4D SE/SXT

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

2007	Prcnt	Code	Value and Description
3	0.0	7060012	Dodge Caliber SW 2WD RT
29	0.0	7060017	Dodge Caliber SW 2WD SE
103	0.1	7060060	Dodge Caliber SW 2WD SXT
4	0.0	7061012	Dodge Caliber SW 4WD R/T
21	0.0	7062012	Dodge Magnum Hemi SW 2WD R/T
2	0.0	7062061	Dodge Magnum Hemi SW 2WD SRT-8
1	0.0	7063012	Dodge Magnum Hemi SW 4WD R/T
27	0.0	7064012	Dodge Charger Hemi 4D R/T
8	0.0	7064061	Dodge Charger Hemi 4E SRT-8
1	0.0	7066012	Dodge Charger Hemi 4D 4WD R/T
2	0.0	7067012	Dodge Avenger 4D 2WD R/T
29	0.0	7067017	Dodge Avenger 4D 2WD SE
7	0.0	7067060	Dodge Avenger 4D 2WD SXT
218	0.1	8000000	Volkswagen Unknown Series Model
1	0.0	8001002	Volkswagen Karmann Ghia 1500
3	0.0	8002002	Volkswagen Beetle 1500
1	0.0	8003004	Volkswagen Dasher Sedan Fastback
1	0.0	8004005	Volkswagen Dasher Wagon Squareback
1	0.0	8006008	Volkswagen Commercial Clipper
1	0.0	8006009	Volkswagen Commercial Clipper L
1	0.0	8009021	Volkswagen Rabbit Sedan LS
2	0.0	8010028	Volkswagen Scirocco 16V
3	0.0	8012019	Volkswagen Vanagon Bus
1	0.0	8012030	Volkswagen Vanagon GL/Carat
3	0.0	8013000	Volkswagen Jetta Sedan
105	0.1	8013025	Volkswagen Jetta Sedan GL
7	0.0	8013027	Volkswagen Jetta Sedan GLI
8	0.0	8013030	Volkswagen Jetta Sedan GL/Carat
280	0.2	8013036	Volkswagen Jetta Sedan GLS
48	0.0	8013037	Volkswagen Jetta Sedan GLX
7	0.0	8013046	Volkswagen Jetta Sedan Wolfsburg Edition
12	0.0	8013054	Volkswagen Jetta Sedan GL TDI
44	0.0	8013055	Volkswagen Jetta Sedan GLS TDI
102	0.1	8013057	Volkswagen Jetta Sedan GLS 1.8T
9	0.0	8013062	Volkswagen Jetta Sedan GLS 2.8
2	0.0	8013073	Volkswagen Jetta Sedan GL 1.8T
10	0.0	8013085	Volkswagen Jetta Sedan GLI VR6
1	0.0	8014000	Volkswagen Jetta 2D
2	0.0	8020000	Volkswagen Golf 2D
16	0.0	8020025	Volkswagen Golf 2D GL
3	0.0	8020054	Volkswagen Golf 2D GL TDI
13	0.0	8020056	Volkswagen Golf 2D GTI GLX
7	0.0	8020061	Volkswagen Golf 2D GTI GLS 1.8T
41	0.0	8020066	Volkswagen Golf 2D GTI 1.8T
1	0.0	8020071	Volkswagen Golf 2D GTI VR6
1	0.0	8020072	Volkswagen Golf 2D GTI GLX VR6
5	0.0	8020075	Volkswagen Golf 2D GTI 1.8T 20th Anniversary Edition
2	0.0	8021000	Volkswagen Golf 4D
18	0.0	8021025	Volkswagen Golf 4D GL
42	0.0	8021036	Volkswagen Golf 4D GLS
17	0.0	8021055	Volkswagen Golf 4D GLS TDI
3	0.0	8021057	Volkswagen Golf 4D GLS 1.8T

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
12	0.0	8022000	Volkswagen GTI 2D
1	0.0	8022028	Volkswagen GTI 2D 16V
1	0.0	8022031	Volkswagen GTI 2D 8V
3	0.0	8022040	Volkswagen GTI 2D VR6
5	0.0	8023000	Volkswagen Cabriolet Conv
1	0.0	8023032	Volkswagen Cabriolet Conv Carat
2	0.0	8024025	Volkswagen Vanagon Camper GL
1	0.0	8025000	Volkswagen Quantum SW 4WD
1	0.0	8026000	Volkswagen Fox 2D
2	0.0	8027025	Volkswagen Fox 4D GL
4	0.0	8029034	Volkswagen Corrado 2D SLC
17	0.0	8030025	Volkswagen Passat 4D 2WD GL
1	0.0	8030035	Volkswagen Passat 4D 2WD CL
179	0.1	8030036	Volkswagen Passat 4D 2WD GLS
19	0.0	8030037	Volkswagen Passat 4D 2WD GLX
3	0.0	8030044	Volkswagen Passat 4D 2WD TDI
34	0.0	8030051	Volkswagen Passat 4D 2WD GLS V6
5	0.0	8030055	Volkswagen Passat 4D 2WD GLS TDI
39	0.0	8030060	Volkswagen Passat 4D 2WD GLX V6
33	0.0	8030091	Volkswagen Passat 4D 2WD 2.0T
11	0.0	8030093	Volkswagen Passat 4D 2WD 2.0T Luxury Package
1	0.0	8030094	Volkswagen Passat 4D 2WD 3.6
3	0.0	8030095	Volkswagen Passat 4D 2WD 3.6 Luxury Package
1	0.0	8030096	Volkswagen Passat 4D 2WD 3.6 Sport Package
5	0.0	8030108	Volkswagen Passat 4D 2WD 2.0T/Wolfsburg Edition
5	0.0	8031025	Volkswagen Passat SW 2WD GL
38	0.0	8031036	Volkswagen Passat SW 2WD GLS
4	0.0	8031037	Volkswagen Passat SW 2WD GLX
5	0.0	8031051	Volkswagen Passat SW 2WD GLS V6
3	0.0	8031055	Volkswagen Passat SW 2WD GLs TDI
7	0.0	8031060	Volkswagen Passat SW 2WD GLX V6
1	0.0	8031093	Volkswagen Passat SW 2WD 2.0T Luxury Package
1	0.0	8031102	Volkswagen Passat SW 2WD 2.0T Sport Package
2	0.0	8031106	Volkswagen Passat SW 2WD Value/2.0T
1	0.0	8033025	Volkswagen Eurovan GL
1	0.0	8033036	Volkswagen Eurovan GLS
2	0.0	8033039	Volkswagen Eurovan MV
2	0.0	8034022	Volkswagen Golf III 2D Sport
40	0.0	8035025	Volkswagen Golf III 4D GL
5	0.0	8035047	Volkswagen Golf III 4D K2
2	0.0	8035049	Volkswagen Golf III 4D Jazz
59	0.0	8036025	Volkswagen Jetta III 4D GL
16	0.0	8036029	Volkswagen Jetta III 4D GT
35	0.0	8036036	Volkswagen Jetta III 4D GLS
24	0.0	8036037	Volkswagen Jetta III 4D GLX
1	0.0	8036042	Volkswagen Jetta III 4D City
7	0.0	8036043	Volkswagen Jetta III 4D Celebration Edition
4	0.0	8036044	Volkswagen Jetta III 4D TDI
14	0.0	8036045	Volkswagen Jetta III 4D Trek
18	0.0	8036046	Volkswagen Jetta III 4D Wolfsburg Edition
4	0.0	8036047	Volkswagen Jetta III 4D K2
8	0.0	8036049	Volkswagen Jetta III 4D Jazz

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

2007	Prcnt	Code	Value and Description
20	0.0	8037000	Volkswagen Golf Cabrio Conv
11	0.0	8037025	Volkswagen Golf Cabrio Conv GL
21	0.0	8037036	Volkswagen Golf Cabrio Conv GLS
20	0.0	8037037	Volkswagen Golf Cabrio Conv GLX
2	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	8040070	Volkswagen Passat SW 4WD W8 4Motion
1	0.0	8040076	Volkswagen Passat SW 4WD W8 4Motion Sport Group
16	0.0	8041000	Volkswagen New Beetle 2D
1	0.0	8041022	Volkswagen New Beetle 2D Sport
21	0.0	8041025	Volkswagen New Beetle 2D GL
87	0.0	8041036	Volkswagen New Beetle 2D GLS
2	0.0	8041044	Volkswagen New Beetle 2D TDI
1	0.0	8041054	Volkswagen New Beetle 2D GL TDI
13	0.0	8041055	Volkswagen New Beetle 2D GLS TDI
15	0.0	8041057	Volkswagen New Beetle 2D GLS 1.8T
10	0.0	8041058	Volkswagen New Beetle 2D GLX 1.8T
2	0.0	8041069	Volkswagen New Beetle 2D Turbo S
6	0.0	8041087	Volkswagen New Beetle 2D 2.5
3	0.0	8042067	Volkswagen Passat 4D 4WD GLS V6 4Motion
16	0.0	8042068	Volkswagen Passat 4D 4WD GLX V6 4Motion
2	0.0	8042070	Volkswagen Passat 4D 4WD W8 4Motion
1	0.0	8042084	Volkswagen Passat 4D 4WD GLS 4motion 1.8T
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
9	0.0	8043025	Volkswagen Jetta SW GL
8	0.0	8043036	Volkswagen Jetta SW GLS
2	0.0	8043037	Volkswagen Jetta SW GLX
1	0.0	8043054	Volkswagen Jetta SW GL TDI
6	0.0	8043055	Volkswagen Jetta SW GLS TDI
2	0.0	8043057	Volkswagen Jetta SW GLS 1.8T
18	0.0	8044077	Volkswagen Touareg 4D 4WD V6
5	0.0	8044078	Volkswagen Touareg 4D 4WD V8
9	0.0	8044097	Volkswagen Touareg 4D 4WD V6 Sport Suspension
2	0.0	8044099	Volkswagen Touareg 4D 4WD V8 Sport Suspension
10	0.0	8044100	Volkswagen Touareg 4D 4WD V8 Air Suspension
1	0.0	8045079	Volkswagen Phaeton 4D 4WD W12
3	0.0	8046025	Volkswagen New Beetle Conv GL
19	0.0	8046036	Volkswagen New Beetle Conv GLS
5	0.0	8046057	Volkswagen New Beetle Conv GLS 1.8T
1	0.0	8046058	Volkswagen New Beetle Conv GLX 1.8T
9	0.0	8046087	Volkswagen New Beetle Conv 2.5
3	0.0	8048082	Volkswagen R32 2D 4WD 4Motion
25	0.0	8049044	Volkswagen New Jetta 4D TDI
21	0.0	8049046	Volkswagen New Jetta 4D Wolfsburg Edition
18	0.0	8049086	Volkswagen New Jetta 4D Value Edition 2.5
84	0.0	8049087	Volkswagen New Jetta 4D 2.5
2	0.0	8049091	Volkswagen New Jetta 4D 2.0T
3	0.0	8049092	Volkswagen New Jetta 4D GLI 2.0T
1	0.0	8049105	Volkswagen New Jetta 4D TDI Diesel Edition
1	0.0	8049110	Volkswagen New Jetta 4D 2.5 S

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
1	0.0	8049113	Volkswagen New Jetta 4D 2.5 SE / 2.5 SEL
21	0.0	8050087	New Rabbit 2D 2.5
18	0.0	8051087	New Rabbit 4D 2.5
22	0.0	8052091	New GTI 2D 2.0T
2	0.0	8053091	EOS Conv 2.0T
2	0.0	8053093	EOS Conv 2.0T Luxury Package
1	0.0	8054091	New GTI 4D 2.0T
158	0.1	9000000	Mercury Unknown Series Model
2	0.0	9006021	Mercury Marquis/Grand Marguis 2D Grand Marquis
5	0.0	9007000	Mercury Cougar 2D
94	0.1	9007013	Mercury Cougar 2D XR-7
6	0.0	9007015	Mercury Cougar 2D I4
14	0.0	9007031	Mercury Cougar 2D LS
113	0.1	9007047	Mercury Cougar 2D V6
1	0.0	9009014	Mercury Marquis/Grand Marguis SW Colony Park
3	0.0	9009036	Mercury Marquis/Grand Marguis SW Colony Park LS
1	0.0	9009040	Mercury Marquis/Grand Marguis SW Colony Park GS
1	0.0	9015000	Mercury Monarch 2D
1	0.0	9020003	Mercury Marquis/Grand Marguis 4D Brougham
13	0.0	9020021	Mercury Marquis/Grand Marguis 4D Grand Marquis
311	0.2	9020037	Mercury Marquis/Grand Marguis 4D Grand Marquis GS
481	0.3	9020038	Mercury Marquis/Grand Marguis 4D Grand Marquis LS
14	0.0	9020050	Mercury Marquis/Grand Marguis 4D Marauder
1	0.0	9023003	Mercury Cougar 4D Brougham
1	0.0	9031025	Mercury Montcalm 2D Montcalm
1	0.0	9034027	Mercury Zephyr Z-7 Z-7
2	0.0	9044000	Mercury Marquis 4D
2	0.0	9046030	Mercury Topaz 2D GS
24	0.0	9047030	Mercury Topaz 4D GS
5	0.0	9047031	Mercury Topaz 4D LS
1	0.0	9047033	Mercury Topaz 4D LTS
189	0.1	9049006	Mercury Sable 4D LS Premium
243	0.1	9049030	Mercury Sable 4D GS
101	0.1	9049031	Mercury Sable 4D LS
28	0.0	9049043	Mercury Sable 4D GS/LS
11	0.0	9050006	Mercury Sable SW LS Premium
45	0.0	9050030	Mercury Sable SW GS
39	0.0	9050031	Mercury Sable SW LS
45	0.0	9053000	Mercury Tracer 4D
33	0.0	9053030	Mercury Tracer 4D GS
37	0.0	9053031	Mercury Tracer 4D LS
3	0.0	9053033	Mercury Tracer 4D LTS
15	0.0	9054000	Mercury Tracer SW
8	0.0	9054031	Mercury Tracer SW LS
3	0.0	9058000	Mercury Capri Conv
3	0.0	9058041	Mercury Capri Conv XR2
37	0.0	9059000	Mercury Villager Wagon
7	0.0	9059035	Mercury Villager Wagon Sport
132	0.1	9059042	Mercury Villager Wagon GS/LS/Nautica
15	0.0	9059043	Mercury Villager Wagon GS/LS
7	0.0	9059048	Mercury Villager Wagon Estate
44	0.0	9061030	Mercury Mystique 4D GS

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

2007	Prcnt	Code	Value and Description
44	0.0	9061031	Mercury Mystique 4D LS
22	0.0	9061046	Mercury Mystique 4D Base/GS
8	0.0	9062000	Mercury Mountaineer 4D 4x2
1	0.0	9062051	Mercury Mountaineer 4D 4x2 Luxury
12	0.0	9063000	Mercury Mountaineer 4D 4x4
227	0.1	9063045	Mercury Mountaineer 4D AWD
5	0.0	9063054	Mercury Mountaineer 4D 4x4 Luxury AWD
9	0.0	9063055	Mercury Mountaineer 4D 4x4 Premier AWD
7	0.0	9065000	Mercury Monterey Van
2	0.0	9065052	Mercury Monterey Van Premier
7	0.0	9066000	Mercury Mariner 4D 2WD
1	0.0	9066051	Mercury Mariner 4D 2WD Luxury
1	0.0	9066052	Mercury Mariner 4D 2WD Premier
16	0.0	9067000	Mercury Mariner 4D 4WD
1	0.0	9067051	Mercury Mariner 4D 4WD Luxury
10	0.0	9067052	Mercury Mariner 4D 4WD Premier
10	0.0	9068051	Mercury Montego 4D 2WD Luxury
8	0.0	9068052	Mercury Montego 4D 2WD Premier
2	0.0	9069051	Mercury Montego 4D 4WD Luxury
3	0.0	9069052	Mercury Montego 4D 4WD Premier
7	0.0	9072000	Mercury Mariner Hybrid 4D 4WD
18	0.0	9073000	Mercury Milan 4D 2WD
15	0.0	9073052	Mercury Milan 4D 2WD Premier
2	0.0	9075052	Mercury Sable 4D 2WD Premier
131	0.1	10000000	Cadillac Unknown Series Model
1	0.0	10001000	Cadillac Calais 2D
7	0.0	10002000	Cadillac Deville 2D RWD
73	0.0	10003000	Cadillac Brougham/Fltwd Brm/Fltwd 4D
91	0.0	10004000	Cadillac Eldorado 2D
27	0.0	10004008	Cadillac Eldorado 2D Touring
98	0.1	10007000	Cadillac Seville 4D
114	0.1	10007008	Cadillac Seville 4D Touring
7	0.0	10009000	Cadillac Deville 4D RWD
1	0.0	10011000	Cadillac Cimarron 4D
17	0.0	10013000	Cadillac Deville 2D FWD
596	0.3	10014000	Cadillac Deville 4D FWD
18	0.0	10014007	Cadillac Deville 4D FWD D'Elegance
61	0.0	10014008	Cadillac Deville 4D FWD Touring
45	0.0	10014009	Cadillac Deville 4D FWD Concours
44	0.0	10014010	Cadillac Deville 4D FWD High Luxury
12	0.0	10016000	Cadillac Fleetwood 4D FWD
3	0.0	10016007	Cadillac Fleetwood 4D FWD D'Elegance
4	0.0	10018000	Cadillac Commercial Chassis Cab FWD
4	0.0	10019000	Cadillac Allante Conv
169	0.1	10023000	Cadillac Escalade 4D 4x4
49	0.0	10024000	Cadillac Catera 4D
2	0.0	10025000	Cadillac Escalade 4D 4x2
36	0.0	10026000	Cadillac Escalade Ext 4D 4x4
124	0.1	10027000	Cadillac CTS 4D 2WD/4WD
1	0.0	10027016	Cadillac CTS 4D 2WD/4WD DI
4	0.0	10028000	Cadillac XLR Roadster Conv
36	0.0	10029000	Cadillac SRX 4D 2WD/4WD



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
28	0.0	10031000	Cadillac Escalade ESV 4D 4x4
3	0.0	10032000	Cadillac CTS-V 4D 2WD
14	0.0	10034000	Cadillac STS V6 4D 2WD/4WD
8	0.0	10035000	Cadillac STS V8 4D 2WD/4WD
36	0.0	10036000	Cadillac DTS 4D
3	0.0	11000000	AMC/Eagle Unknown Series Model
1	0.0	11018018	AMC/Eagle Concord 4D DL
1	0.0	11024018	AMC/Eagle Eagle SW DL
170	0.1	12000000	Chrysler Unknown Series Model
1	0.0	12007000	Chrysler Cordoba
12	0.0	12010013	Chrysler New Yorker 4D RWD 5th Ave Edition
7	0.0	12011000	Chrysler Imperial 4D
4	0.0	12012000	Chrysler Le Baron 2D
11	0.0	12013000	Chrysler Le Baron 4D
6	0.0	12013017	Chrysler Le Baron 4D LE
3	0.0	12013018	Chrysler Le Baron 4D Landau
20	0.0	12015000	Chrysler Le Baron 2D Conv
1	0.0	12015022	Chrysler Le Baron 2D Conv LX
13	0.0	12015025	Chrysler Le Baron 2D Conv GTC
2	0.0	12016000	Chrysler New Yorker 4D (E Body)
1	0.0	12019000	Chrysler Laser 2D
2	0.0	12024000	Chrysler New Yorker 4D (C Body)
9	0.0	12024007	Chrysler New Yorker 4D (C Body) Salon
7	0.0	12024018	Chrysler New Yorker 4D (C Body) Landua
29	0.0	12026000	Chrysler New Yorker 5th Ave 4D
1	0.0	12027019	Chrysler Intrepid 4D ES
46	0.0	12028000	Chrysler Concorde 4D
55	0.0	12028022	Chrysler Concorde 4D LX
58	0.0	12028026	Chrysler Concorde 4D LXI
83	0.0	12028029	Chrysler Concorde 4D LX/LXI
12	0.0	12028031	Chrysler Concorde 4D Limited
12	0.0	12029000	Chrysler New Yorker 4D (LH Body)
106	0.1	12030000	Chrysler LHS 4D
31	0.0	12031022	Chrysler Cirrus 4D LX
83	0.0	12031026	Chrysler Cirrus 4D LXI
40	0.0	12031029	Chrysler Cirrus 4D LX/LXI
2	0.0	12032000	Chrysler Sebring 2D
33	0.0	12032022	Chrysler Sebring 2D LX
98	0.1	12032026	Chrysler Sebring 2D LXI
8	0.0	12032031	Chrysler Sebring 2D Limited
33	0.0	12033022	Chrysler Sebring Conv LX
14	0.0	12033025	Chrysler Sebring Conv GTC
46	0.0	12033026	Chrysler Sebring Conv LXI
33	0.0	12033027	Chrysler Sebring Conv JX
91	0.0	12033028	Chrysler Sebring Conv JXI
8	0.0	12033029	Chrysler Sebring Conv LX/LXI
37	0.0	12033031	Chrysler Sebring Conv Limited
4	0.0	12033038	Chrysler Sebring Conv Touring
15	0.0	12033040	Chrysler Sebring Conv Base/Touring
156	0.1	12034000	Chrysler 300M 4D
14	0.0	12034012	Chrysler 300M 4D Special
114	0.1	12036000	Chrysler Sebring 4D 2WD

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

2007	Prcnt	Code	Value and Description
117	0.1	12036022	Chrysler Sebring 4D 2WD LX
47	0.0	12036026	Chrysler Sebring 4D 2WD LXI
7	0.0	12036031	Chrysler Sebring 4D 2WD Limited
78	0.0	12036038	Chrysler Sebring 4D 2WD Touring
11	0.0	12038000	Chrysler Crossfire 2D
86	0.0	12039000	Chrysler 300 4D 2WD
131	0.1	12039038	Chrysler 300 4D 2WD Touring
3	0.0	12040000	Chrysler PT Cruiser Conv
4	0.0	12040034	Chrysler PT Cruiser Conv GT
11	0.0	12040038	Chrysler PT Cruiser Conv Touring
5	0.0	12041000	Chrysler Crossfire Conv
12	0.0	12042038	Chrysler 300 4D 4WD Touring
60	0.0	12043037	Chrysler 300 4D 2WD C Hemi
8	0.0	12043039	Chrysler 300 Hemi 4D 2WD SRT-8
8	0.0	12044037	Chrysler 300 Hemi 4D 4WD C
99	0.1	13000000	Lincoln Unknown Series Model
1	0.0	13001000	Lincoln Continental 2D
1	0.0	13003000	Lincoln Mark IV
3	0.0	13004000	Lincoln Town Car/Continental 4D
68	0.0	13004001	Lincoln Town Car/Continental 4D Town Car
67	0.0	13004002	Lincoln Town Car/Continental 4D Cartier
321	0.2	13004003	Lincoln Town Car/Continental 4D Signature
1	0.0	13004007	Lincoln Town Car/Continental 4D Gucci
123	0.1	13004008	Lincoln Town Car/Continental 4D Town Car/Executive
73	0.0	13004009	Lincoln Town Car/Continental 4D Executive
11	0.0	13004013	Lincoln Town Car/Continental 4D Ultimate
18	0.0	13004015	Lincoln Town Car/Continental 4D Executive/Signature
34	0.0	13004016	Lincoln Town Car/Continental 4D Signature Limited
2	0.0	13004018	Lincoln Town Car/Continental 4D Designer Series
2	0.0	13007000	Lincoln Mark VI 2D
171	0.1	13009000	Lincoln Continental 4D
14	0.0	13009003	Lincoln Continental 4D Signature
16	0.0	13009009	Lincoln Continental 4D Executive
2	0.0	13010000	Lincoln Mark VII 2D
8	0.0	13010005	Lincoln Mark VII 2D LSC
6	0.0	13010006	Lincoln Mark VII 2D Blass
42	0.0	13011000	Lincoln Mark VIII 2D
6	0.0	13011005	Lincoln Mark VIII 2D LSC
18	0.0	13012000	Lincoln Navigatior 4D 4x2
175	0.1	13013000	Lincoln Navigatior 4D 4x4
67	0.0	13014010	Lincoln LS Sedan 4D V6
133	0.1	13014011	Lincoln LS Sedan 4D V8
3	0.0	13015017	Lincoln Town Car LWB 4D Signature L
13	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
15	0.0	13019000	Lincoln Aviator 4D 4x4
26	0.0	13019012	Lincoln Aviator 4D 4x4 AWD
7	0.0	13021000	Lincoln Mark LT Crew C PU 4x4
13	0.0	13022000	Lincoln Zephyr/MKZ 4D
1	0.0	13024000	Lincoln MKX 4D 2WD
1	0.0	13025000	Lincoln MKX 4D 4WD

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
1	0.0	13027000	Lincoln Navigator L 4D 4x4
3	0.0	13028000	Lincoln MKZ 4D 4WD
138	0.1	14000000	Opel/Isuzu Unknown Series Model
1	0.0	14002006	Opel/Isuzu GT GT
1	0.0	14004003	Opel/Isuzu 1900 2D/4D 1900
1	0.0	14014000	Opel/Isuzu PU SH 1/2T 4x2
1	0.0	14016000	Opel/Isuzu PU LN 1/2T 4x2
1	0.0	14018014	Opel/Isuzu Impulse 2D 2WD RS/XS
1	0.0	14019000	Opel/Isuzu Trooper II 2D 4x4
1	0.0	14021000	Opel/Isuzu PU Space C 1/2T 4x2
11	0.0	14025000	Opel/Isuzu PU SH 1/2T 4x2
3	0.0	14026000	Opel/Isuzu PU SH 1/2T 4x4
13	0.0	14027000	Opel/Isuzu Amigo 2D 4x2
8	0.0	14028000	Opel/Isuzu Amigo 2D 4x4
136	0.1	14031000	Opel/Isuzu Trooper 4D 4x4
159	0.1	14034000	Opel/Isuzu Rodeo 4D 4x2
236	0.1	14035000	Opel/Isuzu Rodeo 4D 4x4
1	0.0	14038005	Opel/Isuzu Oasis Wagon LS
1	0.0	14038011	Opel/Isuzu Oasis Wagon S
2	0.0	14039000	Opel/Isuzu Hombre PU 4x2
2	0.0	14040000	Opel/Isuzu Hombre PU Space C 4x2
1	0.0	14041000	Opel/Isuzu Hombre PU 4x4
2	0.0	14043000	Opel/Isuzu Vehicross 2D 4x4
3	0.0	14044000	Opel/Isuzu Trooper 4D 4x2
6	0.0	14045000	Opel/Isuzu Rodeo Sport 2D 4x2
4	0.0	14046000	Opel/Isuzu Rodeo Sport 2D 4x4
11	0.0	14047000	Opel/Isuzu Axiom 4D 4x2
7	0.0	14048000	Opel/Isuzu Axiom 4D 4x4
7	0.0	14050000	Opel/Isuzu Ascender Ext 4D 4x4
7	0.0	14051000	Opel/Isuzu Ascender 4D 4x2
4	0.0	14052000	Opel/Isuzu Ascender 4D 4x4
2	0.0	14053000	Opel/Isuzu I280 Pickup Extended Cab 4x2
1	0.0	14054000	Opel/Isuzu I350 Crew Pickup 4x4
108	0.1	14055000	Opel/Isuzu Medium Duty 4500 Series
32	0.0	14056000	Opel/Isuzu Medium Duty 5500 Series
827	0.4	15000000	Datsun/Nissan Unknown Series Model
1	0.0	15001002	Datsun/Nissan 240/260/280/300 2D 280 ZX
1	0.0	15001005	Datsun/Nissan 240/260/280/300 2D 280 Z
25	0.0	15001007	Datsun/Nissan 240/260/280/300 2D 300 ZX
1	0.0	15010000	Datsun/Nissan Pickup Short 4x2
1	0.0	15011000	Datsun/Nissan Pickup Long 4x2
17	0.0	15015007	Datsun/Nissan 260/280/300 2+2 2D 300 ZX
46	0.0	15016000	Datsun/Nissan 200 SX 2D
11	0.0	15016013	Datsun/Nissan 200 SX 2D SE-R
80	0.0	15017000	Datsun/Nissan 810/Maxima Sedan
21	0.0	15017010	Datsun/Nissan 810/Maxima Sedan SE
77	0.0	15017011	Datsun/Nissan 810/Maxima Sedan GXE
990	0.5	15017023	Datsun/Nissan 810/Maxima Sedan GXE/SE/GLE
310	0.2	15017029	Datsun/Nissan 810/Maxima Sedan SE/SL
2	0.0	15018000	Datsun/Nissan 810/Maxima Wagon
1	0.0	15018011	Datsun/Nissan 810/Maxima Wagon GXE
1	0.0	15031000	Datsun/Nissan King Cab PU 4x2

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

2007	Prcnt	Code	Value and Description
27	0.0	15034000	Datsun/Nissan Stanza 4D
57	0.0	15035000	Datsun/Nissan Sentra 2D
4	0.0	15035013	Datsun/Nissan Sentra 2D SE-R
1	0.0	15035019	Datsun/Nissan Sentra 2D Sport Coupe
1548	0.8	15036000	Datsun/Nissan Sentra 4D
3	0.0	15036010	Datsun/Nissan Sentra 4D SE
1	0.0	15036024	Datsun/Nissan Sentra 4D CA
2	0.0	15037000	Datsun/Nissan Sentra SW
1	0.0	15038008	Datsun/Nissan Pulsar 2D GX
3	0.0	15038009	Datsun/Nissan Pulsar 2D XE
1	0.0	15038010	Datsun/Nissan Pulsar 2D SE
1	0.0	15040000	Datsun/Nissan Stanza SW
12	0.0	15043000	Datsun/Nissan Pathfinder 2D 4x4
58	0.0	15045000	Datsun/Nissan PU Short 4x2
13	0.0	15046000	Datsun/Nissan PU Short 4x4
2	0.0	15046010	Datsun/Nissan PU Short 4x4 SE
2	0.0	15047000	Datsun/Nissan PU Long 4x2
3	0.0	15047001	Datsun/Nissan PU Long 4x2 Heavy Duty
39	0.0	15049000	Datsun/Nissan PU King C 4x2
2	0.0	15049010	Datsun/Nissan PU King C 4x2 SE
36	0.0	15050000	Datsun/Nissan PU King C 4x4
2	0.0	15050010	Datsun/Nissan PU King C 4x4 SE
3	0.0	15052009	Datsun/Nissan 240 SX 2D XE
7	0.0	15052010	Datsun/Nissan 240 SX 2D SE
22	0.0	15052016	Datsun/Nissan 240 SX 2D Base/SE Coupe
13	0.0	15052017	Datsun/Nissan 240 SX 2D Base/SE/LE Liftback
4	0.0	15052020	Datsun/Nissan 240 SX 2D Base/SE Liftback
3	0.0	15052022	Datsun/Nissan 240 SX 2D Base/SE/LE Coupe
1	0.0	15054000	Datsun/Nissan Axxess SW 2WD
39	0.0	15057000	Datsun/Nissan Pathfinder 4D 4x2
508	0.3	15058000	Datsun/Nissan Pathfinder 4D 4x4
7	0.0	15059015	Datsun/Nissan NX 2D 2000
1	0.0	15061010	Datsun/Nissan 240 SX Conv SE
38	0.0	15062000	Datsun/Nissan Quest Van
17	0.0	15062010	Datsun/Nissan Quest Van SE
18	0.0	15062011	Datsun/Nissan Quest Van GXE
137	0.1	15062021	Datsun/Nissan Quest Van XE/GXE
28	0.0	15062023	Datsun/Nissan Quest Van GXE/SE/GLE
10	0.0	15062026	Datsun/Nissan Quest Van GLE
85	0.0	15062031	Datsun/Nissan Quest Van S/SL/SE
966	0.5	15064000	Datsun/Nissan Altima 4D
1183	0.6	15064027	Datsun/Nissan Altima 4D 2.5
174	0.1	15064028	Datsun/Nissan Altima 4D 3.5
11	0.0	15065000	Datsun/Nissan Frontier PU Short 4x2
3	0.0	15066000	Datsun/Nissan Frontier PU Short 4x4
134	0.1	15067000	Datsun/Nissan Frontier PU King C 4x2
1	0.0	15067025	Datsun/Nissan Frontier PU King C 4x2 S/C
45	0.0	15068000	Datsun/Nissan Frontier PU King C 4x4
3	0.0	15068025	Datsun/Nissan Frontier PU King C 4x4 S/C
116	0.1	15069000	Datsun/Nissan XTerra 4D 4x2
2	0.0	15069025	Datsun/Nissan XTerra 4D 4x2 S/C
284	0.2	15070000	Datsun/Nissan XTerra 4D 4x4

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
14	0.0	15070025	Datsun/Nissan XTerra 4D 4x4 S/C
30	0.0	15071000	Datsun/Nissan Frontier CR PU Short 4x2
2	0.0	15071025	Datsun/Nissan Frontier CR PU Short 4x2 S/C
67	0.0	15072000	Datsun/Nissan Frontier CR PU Short 4x4
3	0.0	15072025	Datsun/Nissan Frontier CR PU Short 4x4 S/C
19	0.0	15073000	Datsun/Nissan Frontier CR PU Long 4x2
25	0.0	15074000	Datsun/Nissan Frontier CR PU Long 4x4
1	0.0	15074025	Datsun/Nissan Frontier CR PU Long 4x4 S/C
85	0.0	15075000	Datsun/Nissan 350Z 2D
24	0.0	15076000	Datsun/Nissan Murano 4D 2WD
112	0.1	15077000	Datsun/Nissan Murano 4D 4WD
19	0.0	15078000	Datsun/Nissan Titan PU King Cab 4x2
42	0.0	15079000	Datsun/Nissan Titan PU King Cab 4x4
14	0.0	15080000	Datsun/Nissan Titan CR PU Short 4x2
65	0.0	15081000	Datsun/Nissan Titan CR PU Short 4x4
19	0.0	15082000	Datsun/Nissan 350Z Roadster Conv
6	0.0	15083000	Datsun/Nissan Pathfinder Armada 4D 4x2
82	0.0	15084000	Datsun/Nissan Pathfinder Armada 4D 4x4
15	0.0	15085030	Datsun/Nissan Versa 4D S/SL
61	0.0	15086030	Datsun/Nissan Versa 5D S/SL
104	0.1	15087000	Datsun/Nissan Sentra SE-R/2.5S/LTD 4D
5	0.0	15089034	Datsun/Nissan Altima 2D 2.5 S
4	0.0	15089035	Datsun/Nissan Altima 2D 3.5 SE
2	0.0	15095000	Datsun/Nissan Titan Crew Pickup Long 4x4
1284	0.7	16000000	Toyota Unknown Series Model
1	0.0	16001008	Toyota Land Cruiser 2D 4x4 3900
82	0.0	16002000	Toyota Land Cruiser 4D 4x4
555	0.3	16003000	Toyota Corolla Sedan 2WD
381	0.2	16003010	Toyota Corolla Sedan 2WD Deluxe
59	0.0	16003013	Toyota Corolla Sedan 2WD LE (Luxury Edition)
669	0.4	16003052	Toyota Corolla Sedan 2WD VE/CE/LE
2138	1.1	16003060	Toyota Corolla Sedan 2WD CE/LE/S
2	0.0	16003069	Toyota Corolla Sedan 2WD XRS
35	0.0	16004010	Toyota Corolla SW 2WD Deluxe
2	0.0	16010000	Toyota Celica 2D 2WD
64	0.0	16010014	Toyota Celica 2D 2WD ST
86	0.0	16010015	Toyota Celica 2D 2WD GT
18	0.0	16010017	Toyota Celica GT-S
2	0.0	16010041	Toyota Celica 2D 2WD Coupe
25	0.0	16010042	Toyota Celica 2D 2WD Liftback
141	0.1	16010054	Toyota Celica 2D 2WD GT Liftback
43	0.0	16010059	Toyota Celica 2D 2WD GTS Liftback
59	0.0	16013000	Toyota Pickup Short 1/2T 4x2
5	0.0	16013010	Toyota Pickup Short 1/2T 4x2 Deluxe
3	0.0	16014000	Toyota Pickup Long 1/2T 4x2
7	0.0	16014010	Toyota Pickup Long 1/2T 4x2 Deluxe
17	0.0	16015000	Toyota Cressida 4D
2	0.0	16015013	Toyota Cressida 4D LE (Luxury Edition)
1	0.0	16016000	Toyota Cressida SW
5	0.0	16017000	Toyota Pickup Short 1/2T 4x4
43	0.0	16017010	Toyota Pickup Short 1/2T 4x4 Deluxe
4	0.0	16017016	Toyota Pickup Short 1/2T 4x4 SR5 Sport

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

2007	Prcnt	Code	Value and Description
2	0.0	16018010	Toyota Pickup Long 1/2T 4x4 Deluxe
4	0.0	16019000	Toyota Celica Supra
71	0.0	16020000	Toyota Corolla Tercel 2D
16	0.0	16020010	Toyota Corolla Tercel 2D Deluxe
1	0.0	16020011	Toyota Corolla Tercel 2D SR5
30	0.0	16020043	Toyota Corolla Tercel 2D CE
1	0.0	16021000	Toyota Corolla Tercel 4D
58	0.0	16021010	Toyota Corolla Tercel 4D Deluxe
2	0.0	16021013	Toyota Corolla Tercel 4D LE (Luxury Edition)
4	0.0	16021043	Toyota Corolla Tercel 4D CE
8	0.0	16023011	Toyota Corolla 2D SR5
1	0.0	16023017	Toyota Corolla 2D GT-S
1	0.0	16025000	Toyota Tercel SW 4WD
1	0.0	16025010	Toyota Tercel SW 4WD Deluxe
901	0.5	16026000	Toyota Camry 4D 2WD
200	0.1	16026010	Toyota Camry 4D 2WD Deluxe
599	0.3	16026013	Toyota Camry 4D 2WD LE (Luxury Edition)
116	0.1	16026030	Toyota Camry 4D 2WD XLE
5	0.0	16026031	Toyota Camry 4D 2WD SE
854	0.5	16026050	Toyota Camry 4D 2WD CE/LE/XLE
244	0.1	16026051	Toyota Camry 4D 2WD LE/XLE V6
1276	0.7	16026064	Toyota Camry 4D 2WD LE/XLE/SE
197	0.1	16026065	Toyota Camry 4D 2WD LE/XLE/SE V6
24	0.0	16026075	Toyota Camry 4D 2WD SE V6
403	0.2	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
18	0.0	16029010	Toyota PU Xtra Cab 1/2T 4x2 Deluxe
4	0.0	16029016	Toyota PU Xtra Cab 1/2T 4x2 SR5 Sport
51	0.0	16030010	Toyota PU Extra Cab 1/2T 4x4 Deluxe
19	0.0	16030016	Toyota PU Extra Cab 1/2T 4x4 SR5 Sport
1	0.0	16031000	Toyota Cargo Van 4x2
1	0.0	16031020	Toyota Cargo Van 4x2 Panel Van
1	0.0	16032000	Toyota 4Runner Truck 4x4
1	0.0	16032010	Toyota 4Runner Truck 4x4 Deluxe
4	0.0	16032011	Toyota 4Runner Truck 4x4 SR5
1	0.0	16033000	Toyota Pickup Long 1T 4x2
25	0.0	16034015	Toyota Celica Conv GT
9	0.0	16035000	Toyota MR2
1	0.0	16035022	Toyota MR2 T-Bar
2	0.0	16035024	Toyota MR2 Turbo
1	0.0	16035028	Toyota MR2 Supercharged
2	0.0	16036010	Toyota 4Runner 2D 4x4 Deluxe
1	0.0	16036011	Toyota 4Runner 2D 4x4 SR5
2	0.0	16036016	Toyota 4Runner 2D 4x4 SR5 Sport
1	0.0	16036039	Toyota 4Runner 2D 4x4 SR5 V6
3	0.0	16037000	Toyota Supra 2D
4	0.0	16037021	Toyota Supra 2D With Sport Roof
5	0.0	16037024	Toyota Supra 2D Turbo
4	0.0	16037029	Toyota Supra 2D With Sport Roof, Turbo
1	0.0	16037040	Toyota Supra 2D Base/SE
9	0.0	16038000	Toyota Camry SW

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
18	0.0	16038010	Toyota Camry SW Deluxe
34	0.0	16038013	Toyota Camry SW LE (Luxury Edition)
1	0.0	16039025	Toyota Corolla FX 2D FX16
1	0.0	16040013	Toyota Van 4x4 LE (Luxury Edition)
1	0.0	16041020	Toyota Cargo Van 4x4 Panel Van
2	0.0	16042010	Toyota PU Extra Cab Long 1/2T 4x2 Deluxe
1	0.0	16043024	Toyota Celica 2D 4WD Turbo
5	0.0	16044010	Toyota Camry 4D 4WD Deluxe
3	0.0	16044013	Toyota Camry 4D 4WD LE (Luxury Edition)
2	0.0	16045000	Toyota Chassis Cab
1	0.0	16046010	Toyota Corolla SW 4WD Deluxe
1	0.0	16047010	Toyota Corolla 4D 4WD Deluxe
12	0.0	16048000	Toyota 4Runner 4D 4x2
18	0.0	16048039	Toyota 4Runner 4D 4x2 SR5 V6
9	0.0	16048044	Toyota 4Runner 4D 4x2 Limited V6
5	0.0	16048077	Toyota 4Runner 4D 4x2 SR5/Sport Edition V6
1	0.0	16048078	Toyota 4Runner 4D 4x2 SR5/Sport Edition V8
11	0.0	16049000	Toyota 4Runner 4D 4x4
2	0.0	16049011	Toyota 4Runner 4D 4x4 SR5
422	0.2	16049039	Toyota 4Runner 4D 4x4 SR5 V6
150	0.1	16049044	Toyota 4Runner 4D 4x4 Limited V6
42	0.0	16049067	Toyota 4Runner 4D 4x4 Limited V8
178	0.1	16049077	Toyota 4Runner 4D 4x4 SR5/Sport Edition V6
46	0.0	16049078	Toyota 4Runner 4D 4x4 SR5/Sport Edition V8
18	0.0	16050010	Toyota Previa Van 4x2 Deluxe
23	0.0	16050013	Toyota Previa Van 4x2 LE (Luxury Edition)
2	0.0	16050033	Toyota Previa Van 4x2 LE S/C
7	0.0	16050034	Toyota Previa Van 4x2 DX S/C
1	0.0	16051010	Toyota Previa Van 4x4 Deluxe
6	0.0	16051013	Toyota Previa Van 4x4 LE (Luxury Edition)
3	0.0	16051033	Toyota Previa Van 4x4 LE S/C
37	0.0	16052000	Toyota Paseo 2D
10	0.0	16053000	Toyota T100 Pickup 1/2T 4x2
1	0.0	16053010	Toyota T100 Pickup 1/2T 4x2 Deluxe
2	0.0	16054010	Toyota T100 Pickup 1/2T 4x4 Deluxe
2	0.0	16054011	Toyota T100 Pickup 1/2T 4x4 SR5
12	0.0	16056000	Toyota Camry 2D
2	0.0	16056010	Toyota Camry 2D Deluxe
28	0.0	16056013	Toyota Camry 2D LE (Luxury Edition)
7	0.0	16056031	Toyota Camry 2D SE
17	0.0	16057035	Toyota Avalon 4D XL
33	0.0	16057036	Toyota Avalon 4D XLS
482	0.3	16057063	Toyota Avalon 4D XL/XLS
137	0.1	16057089	Toyota Avalon 4D XL/XLS/Touring/Limited
1	0.0	16058000	Toyota T100 PU Extra Cab 1/2T 4x2
3	0.0	16058011	Toyota T100 PU Extra Cab 1/2T 4x2 SR5
10	0.0	16059000	Toyota T100 PU Extra Cab 1/2T 4x4
5	0.0	16059010	Toyota T100 PU Extra Cab 1/2T 4x4 Deluxe
8	0.0	16059011	Toyota T100 PU Extra Cab 1/2T 4x4 SR5
91	0.0	16060000	Toyota Tacoma PU 4x2
15	0.0	16060048	Toyota Tacoma PU 4x2 Prerunner
75	0.0	16061000	Toyota Tacoma PU Extra Cab 4x2

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

2007	Prcnt	Code	Value and Description
1	0.0	16061038	Toyota Tacoma PU Extra Cab 4x2 V6
19	0.0	16061048	Toyota Tacoma PU Extra Cab 4x2 Prerunner
32	0.0	16061055	Toyota Tacoma PU Extra Cab 4x2 Prerunner V6
2	0.0	16061076	Toyota Tacoma PU Extra Cab 4x2 S-runner V6
7	0.0	16061082	Toyota Tacoma PU Extra Cab 4x2 X-runner V6
60	0.0	16062000	Toyota Tacoma PU 4x4
1	0.0	16062038	Toyota Tacoma PU 4x4 V6
145	0.1	16063000	Toyota Tacoma PU Extra Cab 4x4
100	0.1	16063038	Toyota Tacoma PU Extra Cab 4x4 V6
5	0.0	16063039	Toyota Tacoma PU Extra Cab 4x4 SR5 V6
1	0.0	16063044	Toyota Tacoma PU Extra Cab 4x4 Limited V6
113	0.1	16065000	Toyota Rav4 4D 2WD
3	0.0	16065038	Toyota Rav4 4D 2WD V6
34	0.0	16065083	Toyota Rav4 4D 2WD 4 Cylinder
11	0.0	16065084	Toyota Rav4 4D 2WD Sport 4 Cylinder
2	0.0	16066000	Toyota Rav4 2D 4WD
346	0.2	16067000	Toyota Rav4 4D 4WD
7	0.0	16067038	Toyota Rav4 4D 4WD V6
17	0.0	16067044	Toyota Rav4 4D 4WD Limited V6
32	0.0	16067083	Toyota Rav4 4D 4WD 4 Cylinder
13	0.0	16067084	Toyota Rav4 4D 4WD Sport 4 Cylinder
2	0.0	16067085	Toyota Rav4 4D 4WD Sport V6
25	0.0	16067086	Toyota Rav4 4D 4WD Limited 4 Cylinder
1	0.0	16068000	Toyota Paseo Conv
3	0.0	16069045	Toyota Sienna Van 2WD CE 4D
265	0.1	16069047	Toyota Sienna Van 2WD LE/XLE 5D
57	0.0	16069056	Toyota Sienna Van 2WD CE 5D
254	0.1	16069071	Toyota Sienna Van 2WD CE/LE 5D
69	0.0	16069072	Toyota Sienna Van 2WD XLE/LTD 5D
108	0.1	16071031	Toyota Camry Solara 2D SE
155	0.1	16071049	Toyota Camry Solara 2D SE/SLE V6
73	0.0	16071074	Toyota Camry Solara 2D SE/SLE
1	0.0	16071091	Toyota Camry Solara 2D SE/SLE/SPORT V6
22	0.0	16072038	Toyota Tundra PU 4x2 V6
29	0.0	16073039	Toyota Tundra PU AC Cab 4x2 SR5 V6
22	0.0	16073066	Toyota Tundra PU AC Cab 4x2 SR5 V8
1	0.0	16073067	Toyota Tundra PU AC Cab 4x2 Limited V8
4	0.0	16074066	TOYOTA Tundra PU 4x4 SR5 V8
3	0.0	16074079	TOYOTA Tundra PU 4x4 V8
10	0.0	16075039	Toyota Tundra PU AC Cab 4x4 SR5 V6
92	0.0	16075066	Toyota Tundra PU AC Cab 4x4 SR5 V8
31	0.0	16075067	Toyota Tundra PU AC Cab 4x4 Limited V8
49	0.0	16076000	Toyota Echo 2D
120	0.1	16077000	Toyota Echo 4D
11	0.0	16078000	Toyota MR2 Spyder Conv
48	0.0	16079049	Toyota Camry Solara Conv SE/SLE V6
14	0.0	16079091	Toyota Camry Solara Conv SE/SLE/Sport V6
167	0.1	16080000	Toyota Prius Hybrid 4D
3	0.0	16081048	Toyota Tacoma PU DBL Cab 4x2 Prerunner
46	0.0	16081055	Toyota Tacoma PU DBL Cab 4x2 Prerunner V6
101	0.1	16082038	Toyota Tacoma PU DBL Cab 4x4 V6
4	0.0	16083066	Toyota Sequoia 4D 4x2 SR5 V8



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
5	0.0	16083067	Toyota Sequoia 4D 4x2 Limited V8
112	0.1	16084066	Toyota Sequoia 4D 4x4 SR5 V8
103	0.1	16084067	Toyota Sequoia 4D 4x4 Limited V8
54	0.0	16085000	Toyota Highlander 4D 2WD
22	0.0	16085038	Toyota Highlander 4D 2WD V6
103	0.1	16085068	Toyota Highlander 4D 2WD V6/V6 Limited
23	0.0	16086000	Toyota Highlander 4D 4WD
37	0.0	16086038	Toyota Highlander 4D 4WD V6
4	0.0	16086044	Toyota Highlander 4D 4WD Limited V6
271	0.1	16086068	Toyota Highlander 4D 4WD V6/V6 Limited
8	0.0	16087069	Toyota Matrix SW 2WD XRS
183	0.1	16087070	Toyota Matrix SW 2WD STD/XR
17	0.0	16088070	Toyota Matrix SW 4WD STD/XR
27	0.0	16089072	Toyota Seunna Van 4WD XLE/LTD 5D
11	0.0	16089073	Toyota Seunna Van 4WD LE 5D
17	0.0	16090066	Toyota Tundra PU DBL Cab 4x2 SR5 V8
36	0.0	16091066	Toyota Tundra PU DBL Cab 4x4 SR5 V8
17	0.0	16091067	Toyota Tundra PU DBL Cab 4x4 Limited V8
10	0.0	16092080	Toyota Tacoma PU DBL Cab LN 4x2 Prerunner Longbed V6
21	0.0	16093081	Toyota Tacoma PU DBL Cab LN 4x4 Longbed V6
27	0.0	16095000	Toyota FJ Cruiser 2D 4X4
5	0.0	16096068	Toyota Highlander Hybrid 4D 2WD V6/V6 Limited
23	0.0	16097068	Toyota Highlander Hybrid 4D 4WD V6/V6 Limited
34	0.0	16098000	Toyota Yaris 3D
1	0.0	16098090	Toyota Yaris 3D Base/S
108	0.1	16099090	Toyota Yaris 4D Base/S
46	0.0	16100000	Toyota Camry Hybrid 4D
3	0.0	16106066	Toyota Tundra PU Crew Max 4x4 SR5 V8
2	0.0	16106067	Toyota Tundra PU Crew Max 4x4 Limited V8
1	0.0	17002000	Capri/Merkur XR4TI 2D
371	0.2	18000000	Mazda Unknown Series Model
10	0.0	18016000	Mazda RX-7 Coupe
2	0.0	18016002	Mazda RX-7 Coupe Turbo
21	0.0	18018000	Mazda 626 Sedan
4	0.0	18018004	Mazda 626 Sedan ES
176	0.1	18018008	Mazda 626 Sedan DX/LX
118	0.1	18018010	Mazda 626 Sedan LX-V6/ES-V6
136	0.1	18018013	Mazda 626 Sedan LX/ES
31	0.0	18018015	Mazda 626 Sedan LX
77	0.0	18019000	Mazda B Series STD PU 4x2
2	0.0	18020000	Mazda B Series Long PU 4x2
42	0.0	18022005	Mazda 626/MX-6 2D MX-6
25	0.0	18022007	Mazda 626/MX-6 2D MX-6 LS
55	0.0	18025000	Mazda B Series Cab+ PU 4x2
8	0.0	18025021	Mazda B Series Cab+ PU 4x2 2-DOOR
7	0.0	18025022	Mazda B Series Cab+ PU 4x2 4-DOOR
14	0.0	18026000	Mazda 323 2D 2WD
3	0.0	18027000	Mazda 323 4D 2WD
67	0.0	18027009	Mazda 323 4D 2WD Protege
4	0.0	18029000	Mazda B Series STD PU 4x4
25	0.0	18031000	Mazda B Series Cab+ PU 4x4
2	0.0	18031021	Mazda B Series Cab+ PU 4x4 2-DOOR

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

2007	Prcnt	Code	Value and Description
1	0.0	18031022	Mazda B Series Cab+ PU 4x4 4-DOOR
2	0.0	18032000	Mazda RX-7 Conv
1	0.0	18033002	Mazda 323 2D 4WD Turbo
14	0.0	18034000	Mazda 929 4D
164	0.1	18036000	Mazda MPV Van 2WD
13	0.0	18037000	Mazda MPV Van 4WD
94	0.1	18038000	Mazda MX-5 Miata Conv
1	0.0	18038023	Mazda MX-5 Miata Conv Mazdaspeed
7	0.0	18040000	Mazda Navajo 2D 4x4
14	0.0	18041000	Mazda MX-3 Coupe
5	0.0	18041011	Mazda MX-3 Coupe GS
1	0.0	18042000	Mazda Navajo 2D 4x2
76	0.0	18043000	Mazda Millenia 4D
16	0.0	18043012	Mazda Millenia 4D S
2	0.0	18043014	Mazda Millenia 4D S/Millennium Edition
31	0.0	18043020	Mazda Millenia 4D P
43	0.0	18044004	Mazda Protege 4D ES
281	0.2	18044008	Mazda Protege 4D DX/LX
1	0.0	18044015	Mazda Protege 4D LX
22	0.0	18044017	Mazda Protege 4D LX 2.0/ES 2.0
1	0.0	18044018	Mazda Protege 4D MP3
107	0.1	18044019	Mazda Protege 4D DX/LX/ES 2.0
4	0.0	18044023	Mazda Protege 4D Mazdaspeed
10	0.0	18045010	Mazda Tribute 4D 2WD LX-V6/ES-V6
6	0.0	18045012	Mazda Tribute 4D 2WD S
8	0.0	18045016	Mazda Tribute 4D 2WD DX
7	0.0	18045024	Mazda Tribute 4D 2WD LX-V6
5	0.0	18045025	Mazda Tribute 4D 2WD ES-V6
12	0.0	18045026	Mazda Tribute 4D 2WD I
41	0.0	18046010	Mazda Tribute 4D 4WD LX-V6/ES-V6
23	0.0	18046012	Mazda Tribute 4D 4WD S
9	0.0	18046016	Mazda Tribute 4D 4WD DX
21	0.0	18046024	Mazda Tribute 4D 4WD LX-V6
18	0.0	18046025	Mazda Tribute 4D 4WD ES-V6
11	0.0	18046026	Mazda Tribute 4D 4WD I
43	0.0	18047000	Mazda Protege 5 SW
89	0.0	18048012	Mazda 6 4D S
150	0.1	18048026	Mazda 6 4D I
54	0.0	18049000	Mazda RX-8 2D
85	0.0	18050012	Mazda 3 4D S
180	0.1	18050026	Mazda 3 4D I
72	0.0	18051012	Mazda 3 5D S
18	0.0	18052012	Mazda 6 5D S
22	0.0	18052026	Mazda 6 5D 1
10	0.0	18053012	Mazda 6 SW S
3	0.0	18054023	Mazda 6 4D 4WD MazdaSpeed
23	0.0	18055000	Mazda 5 SW
25	0.0	18056000	Mazda CX-7 4D 2WD/4WD
3	0.0	18057000	Mazda CX-9 4D 2WD
4	0.0	18058000	Mazda CX-9 4D 4WD
5	0.0	18059000	Mazda MazdaSpeed 3 SW
11	0.0	19000000	Fiat/Bertone Unknown Series Model

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
123	0.1	20000000	Volvo Unknown Series Model
1	0.0	20007004	Volvo 240 2D De Luxe (DL)
13	0.0	20008000	Volvo 240 4D
1	0.0	20008004	Volvo 240 4D De Luxe (DL)
20	0.0	20008007	Volvo 240 4D DL/GL
7	0.0	20008012	Volvo 240 4D Base/DL
6	0.0	20008013	Volvo 240 4D Base/GL
5	0.0	20009000	Volvo 240 SW
15	0.0	20009007	Volvo 240 SW DL/GL
6	0.0	20009012	Volvo 240 SW Base/DL
2	0.0	20009015	Volvo 240 SW Base/SE
1	0.0	20013010	Volvo 760/740 4D 760 GLE
15	0.0	20013011	Volvo 760/740 4D 740 GLE
1	0.0	20014010	Volvo 760/740 SW 760 GLE
2	0.0	20016005	Volvo 760 4D Grand Luxe Exec (GLE)
2	0.0	20016009	Volvo 760 4D Turbo
7	0.0	20018000	Volvo 740 4D
8	0.0	20018002	Volvo 740 4D Grand Luxe (GL)
8	0.0	20018005	Volvo 740 4D Grand Luxe Exec (GLE)
11	0.0	20018013	Volvo 740 4D Base/GL
2	0.0	20018017	Volvo 740 4D GLE Turbo
6	0.0	20019000	Volvo 740 SW
2	0.0	20019005	Volvo 740 SW Grand Luxe Exec (GLE)
6	0.0	20019009	Volvo 740 SW Turbo
4	0.0	20019013	Volvo 740 SW Base/GL
1	0.0	20019014	Volvo 740 SW Turbo/SE Turbo
2	0.0	20019017	Volvo 740 SW GLE Turbo
17	0.0	20020000	Volvo 940 4D
11	0.0	20020002	Volvo 940 4D Grand LUXE (GL)
1	0.0	20020005	Volvo 940 4D Grand Luxe Exec (GLE)
8	0.0	20020009	Volvo 940 4D Turbo
3	0.0	20021000	Volvo 940 SW
4	0.0	20021009	Volvo 940 SW Turbo
35	0.0	20022000	Volvo 960/S90 4D
8	0.0	20023000	Volvo 960/V90 SW
43	0.0	20024000	Volvo 850 4D
17	0.0	20024009	Volvo 850 4D Turbo
19	0.0	20024019	Volvo 850 4D GLT
67	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
13	0.0	20025000	Volvo 850 SW
17	0.0	20025009	Volvo 850 SW Turbo
1	0.0	20025019	Volvo 850 SW GLT
8	0.0	20025020	Volvo 850 SW Base/GLT
1	0.0	20025023	Volvo 850 SW T5
55	0.0	20026000	Volvo S70 4D 2WD
13	0.0	20026015	Volvo S70 4D 2WD Base/SE
26	0.0	20026019	Volvo S70 4D 2WD GLT
12	0.0	20026023	Volvo S70 4D 2WD T5
9	0.0	20026028	Volvo S70 4D 2WD GLT/GLT SE
46	0.0	20027000	Volvo V70 SW 2WD

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

2007	Prcnt	Code	Value and Description
8	0.0	20027015	Volvo V70 SW 2WD Base/SE
5	0.0	20027019	Volvo V70 SW 2WD GLT
4	0.0	20027023	Volvo V70 SW 2WD T5
9	0.0	20027030	Volvo V70 SW 2WD 2.4T
2	0.0	20027038	Volvo V70 SW 2WD 2.5T
84	0.0	20028024	Volvo V70 SW 4WD XC AWD
4	0.0	20028026	Volvo V70 SW 4WD AWD
6	0.0	20028029	Volvo V70 SW 4WD XC AWD/XC AWD SE
5	0.0	20029000	Volvo C70 2D
12	0.0	20030000	Volvo C70 Conv
4	0.0	20030023	Volvo C70 Conv T5
1	0.0	20031026	Volvo S70 4D 4WD AWD
65	0.0	20032000	Volvo S80 4D 2WD
25	0.0	20032027	Volvo S80 4D 2WD T-6
7	0.0	20032038	Volvo S80 4D 2WD 2.5T
1	0.0	20032040	Volvo S80 4D 2WD T6 Premier
3	0.0	20032045	Volvo S80 4D 2WD 3.2
23	0.0	20033000	Volvo S40 4D
71	0.0	20033031	Volvo S40 4D 1.9T
7	0.0	20034000	Volvo V40 SW
5	0.0	20034031	Volvo V40 SW 1.9T
60	0.0	20035000	Volvo S60 4D 2WD
7	0.0	20035023	Volvo S60 4D 2WD T5
23	0.0	20035030	Volvo S60 4D 2WD 2.4T
33	0.0	20035038	Volvo S60 4D 2WD 2.5T
7	0.0	20036026	Volvo S60 4D 4WD AWD
12	0.0	20036039	Volvo S60 4D 4WD 2.5T AWD
1	0.0	20037032	Volvo XC90 4D 2WD 5-Pass
1	0.0	20037033	Volvo XC90 4D 2WD 7-Pass
1	0.0	20037046	Volvo XC90 4D 2WD 3.2 5-Pass
12	0.0	20038034	Volvo XC90 4D 4WD AWD 5-Pass
20	0.0	20038035	Volvo XC90 4D 4WD AWD 7-Pass
1	0.0	20038036	Volvo XC90 4D 4WD T-6 AWD 5-Pass
17	0.0	20038037	Volvo XC90 4D 4WD T-6 AWD 7-Pass
2	0.0	20038043	Volvo XC90 4D 4WD V8 AWD 7-Pass
2	0.0	20038048	Volvo XC90 4D 4WD 3.2 AWD 5-Pass
5	0.0	20038050	Volvo XC90 4D 4WD 3.2 AWD 7-Pass
5	0.0	20039026	Volvo S80 4D 4WD AWD
9	0.0	20040023	Volvo S40 4D 2WD T5
33	0.0	20040041	Volvo S40 4D 2WD 2.4I
5	0.0	20041042	Volvo S40 4D 4WD T5 AWD
1	0.0	20042023	Volvo V50 SW 2WD T5
4	0.0	20042041	Volvo V50 SW 2WD 2.4I
4	0.0	20044026	Volvo S60 R 4D 4WD AWD
3	0.0	20045026	Volvo V70 R SW 4WD AWD
48	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	21014004	Audi 5000 Quattro SW 4WD CS
1	0.0	21015000	Audi 80 4D 2WD
2	0.0	21017000	Audi 90 4D 2WD
1	0.0	21017001	Audi 90 4D 2WD S

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
1	0.0	21017004	Audi 90 4D 2WD CS
1	0.0	21018002	Audi 90 Quattro 4D 4WD 4WD
1	0.0	21018006	Audi 90 Quattro 4D 4WD Sport
2	0.0	21019000	Audi 100 4D 2WD
6	0.0	21019001	Audi 100 4D 2WD S
4	0.0	21019004	Audi 100 4D 2WD CS
1	0.0	21021002	Audi 100 Quattro 4D 4WD 4WD
3	0.0	21021004	Audi 100 Quattro 4D 4WD CS
4	0.0	21027010	Audi S4 Quattro 4D 4.2
7	0.0	21027011	Audi S4 Quattro 4D 2.7T
1	0.0	21028004	Audi 100 Quattro SW 4WD CS
3	0.0	21030000	Audi A6 4D
4	0.0	21032002	Audi A6 Quattro 4D 4WD
31	0.0	21032008	Audi A6 Quattro 4D 2.8
7	0.0	21032010	Audi A6 Quattro 4D 4.2
27	0.0	21032011	Audi A6 Quattro 4D 2.7T
13	0.0	21032012	Audi A6 Quattro 4D 3.0
2	0.0	21032013	Audi A6 Quattro 4D 2.7T S-Line
9	0.0	21032014	Audi A6 Quattro 4D 3.2
4	0.0	21033002	Audi A6 Quattro SW 4WD 4WD
1	0.0	21034028	Audi S6 Quattro 4D 4WD 5.2
8	0.0	21036000	Audi A4 4D
14	0.0	21036007	Audi A4 4D 1.8T
2	0.0	21036008	Audi A4 4D 2.8
2	0.0	21036012	Audi A4 4D 3.0
7	0.0	21037002	Audi A4 Quattro 4D 4WD
82	0.0	21037007	Audi A4 Quattro 4D 1.8T
33	0.0	21037008	Audi A4 Quattro 4D 2.8
15	0.0	21037012	Audi A4 Quattro 4D 3.0
5	0.0	21039010	Audi A8 Quattro 4D 4.2
3	0.0	21041007	Audi A4 Avant Quattro SW 1.8T
6	0.0	21041008	Audi A4 Avant Quattro SW 2.8
1	0.0	21041012	Audi A4 Avant Quattro SW 3.0
9	0.0	21042008	Audi A6 Avant Quattro SW 2.8
3	0.0	21042012	Audi A6 Avant Quattro SW 3.0
1	0.0	21043000	Audi TT Coupe 2WD
1	0.0	21043015	Audi TT Coupe 2WD 2.0T
8	0.0	21044000	Audi TT Coupe Quattro 4WD
2	0.0	21045000	Audi TT Roadster Conv 2WD
8	0.0	21046000	Audi TT Roadster Conv Quattro 4WD
10	0.0	21047010	Audi A8L Quattro 4D 4.2
12	0.0	21050011	Audi Allroad Quattro SW 2.7T
1	0.0	21051010	Audi S6 Avant Quattro SW 4.2
7	0.0	21052007	Audi A4 Cabriolet Conv 2WD 1.8T
2	0.0	21052012	Audi A4 Cabriolet Conv 2WD 3.0
1	0.0	21052020	Audi A4 Cabriolet Conv 2WD 2.0T S-line
3	0.0	21054012	Audi A4 Cabriolet Conv Quattro 4WD 3.0
3	0.0	21056015	Audi A3 SW 2WD 2.0T
2	0.0	21056023	Audi A3 SW 2WD 2.0T Premium
1	0.0	21058022	Audi Q7 4D 4WD 4.2 Premium
1	0.0	21058024	Audi Q7 4D 4WD 3.6
3	0.0	21058025	Audi Q7 4D 4WD 3.6 Premium

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

2007	Prcnt	Code	Value and Description
3	0.0	21059015	Audi A4 4D 2WD 2.0T
3	0.0	21060014	Audi A4 Quattro 4D 4WD 3.2
20	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	21061015	Audi A4 Avant Quattro 4WD 2.0T
1	0.0	21062010	Audi S4 Quattro 4D 4WD 4.2
2	0.0	21064010	Audi RS4 Quattro 4D 4WD 4.2
2	0.0	22000000	Dodge/Mitsubishi Unknown Series Model
3	0.0	22006000	Dodge/Mitsubishi Colt 2D
3	0.0	22006011	Dodge/Mitsubishi Colt 2D GL
1	0.0	22007000	Dodge/Mitsubishi Colt 4D
2	0.0	22007011	Dodge/Mitsubishi Colt 4D GL
1	0.0	22008000	Dodge/Mitsubishi Colt Vista SW 2WD
1	0.0	22010000	Dodge/Mitsubishi Colt Vista SW 4WD
1	0.0	22011000	Dodge/Mitsubishi Raider
1	0.0	22012006	Dodge/Mitsubishi Colt SW 2WD DL
3	0.0	22014000	Dodge/Mitsubishi Stealth 2D 2WD
1	0.0	22014012	Dodge/Mitsubishi Stealth 2D 2WD ES
6	0.0	22014013	Dodge/Mitsubishi Stealth 2D 2WD R/T
3	0.0	22015014	Dodge/Mitsubishi Stealth 2D 4WD R/T Turbo
928	0.5	23000000	Honda Unknown Series Model
8	0.0	23001009	Honda Civic CVCC/CRX 2D CRX HF
15	0.0	23001015	Honda Civic CVCC/CRX 2D CRX
18	0.0	23001016	Honda Civic CVCC/CRX 2D CRX SI
19	0.0	23002000	Honda Civic CVCC 3D
138	0.1	23002001	Honda Civic CVCC 3D DX
38	0.0	23002010	Honda Civic CVCC 3D SI
14	0.0	23002023	Honda Civic CVCC 3D VX
42	0.0	23002024	Honda Civic CVCC 3D CX
1	0.0	23002029	Honda Civic CVCC 3D SI With ABS
1	0.0	23002061	Honda Civic CVCC 3D SI With Side Airbags
10	0.0	23003000	Honda Civic CVCC SW
3	0.0	23003014	Honda Civic CVCC SW Wagovan
4	0.0	23006000	Honda Accord 2D
24	0.0	23006001	Honda Accord 2D DX
168	0.1	23006003	Honda Accord 2D LX
18	0.0	23006004	Honda Accord 2D SE
2	0.0	23006008	Honda Accord 2D SEI
16	0.0	23006011	Honda Accord 2D LXI
367	0.2	23006018	Honda Accord 2D EX
13	0.0	23006027	Honda Accord 2D LX With ABS
10	0.0	23006038	Honda Accord 2D LX-ULEV
49	0.0	23006039	Honda Accord 2D EX-ULEV
22	0.0	23006040	Honda Accord 2D LX-V6
260	0.1	23006041	Honda Accord 2D EX-V6
1	0.0	23006047	Honda Accord 2D EX With NAVI
1	0.0	23006048	Honda Accord 2D LX With Side Airbags
10	0.0	23006057	Honda Accord 2D LX Special Edition
4	0.0	23006058	Honda Accord 2D LX-ULEV Special Edition
2	0.0	23006059	Honda Accord 2D LS Special Edition SAB
7	0.0	23006063	Honda Accord 2D EX-V6 With NAVI
5	0.0	23006073	Honda Accord 2D SE-V6

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
17	0.0	23008000	Honda Accord 4D
121	0.1	23008001	Honda Accord 4D DX
1540	0.8	23008003	Honda Accord 4D LX
185	0.1	23008004	Honda Accord 4D SE
14	0.0	23008007	Honda Accord 4D Special Edition
4	0.0	23008008	Honda Accord 4D SEI
20	0.0	23008011	Honda Accord 4D LXI
1324	0.7	23008018	Honda Accord 4D EX
25	0.0	23008026	Honda Accord 4D 10th Anniversary Edition
69	0.0	23008027	Honda Accord 4D LX With ABS
3	0.0	23008030	Honda Accord 4D DX With ABS
12	0.0	23008033	Honda Accord 4D 25th Anniversary Edition
119	0.1	23008034	Honda Accord 4D Value Package
191	0.1	23008038	Honda Accord 4D LX-ULEV
217	0.1	23008039	Honda Accord 4D EX-ULEV
59	0.0	23008040	Honda Accord 4D LX-V6
575	0.3	23008041	Honda Accord 4D EX-V6
53	0.0	23008044	Honda Accord 4D Special Edition-ULEV
2	0.0	23008046	Honda Accord 4D LX-ULEV With ABS
10	0.0	23008047	Honda Accord 4D EX With NAVI
30	0.0	23008048	Honda Accord 4D LX With Side Airbags
1	0.0	23008054	Honda Accord 4D EX-L
53	0.0	23008057	Honda Accord 4D LX Special Edition
7	0.0	23008063	Honda Accord 4D EX-V6 With NAVI
7	0.0	23008073	Honda Accord 4D SE-V6
46	0.0	23008074	Honda Accord 4D VP
4	0.0	23008081	Honda Accord 4D LX-P
1	0.0	23008082	Honda Accord 4D EX-L-V6
64	0.0	23009000	Honda Prelude 2D
13	0.0	23009006	Honda Prelude 2D S
40	0.0	23009010	Honda Prelude 2D SI
10	0.0	23009019	Honda Prelude 2D SI 4WS
2	0.0	23009020	Honda Prelude 2D SI ALB
7	0.0	23009021	Honda Prelude 2D 2.0 S
10	0.0	23009022	Honda Prelude 2D 2.0 SI
5	0.0	23009025	Honda Prelude 2D VTEC
9	0.0	23009035	Honda Prelude 2D SH
1	0.0	23010000	Honda Civic 4D
240	0.1	23010001	Honda Civic 4D DX
1189	0.6	23010003	Honda Civic 4D LX
622	0.3	23010018	Honda Civic 4D EX
7	0.0	23010027	Honda Civic 4D LX With ABS
1	0.0	23010036	Honda Civic 4D GX
126	0.1	23010037	Honda Civic 4D DX-V
37	0.0	23010048	Honda Civic 4D LX With Side Airbags
2	0.0	23010050	Honda Civic 4D DX With Side Airbags
50	0.0	23010051	Honda Civic 4D EX With Side Airbags
4	0.0	23010052	Honda Civic 4D GX With Side Airbags
68	0.0	23010064	Honda Civic 4D DX-VP
23	0.0	23010065	Honda Civic 4D DX-VP with SAB
2	0.0	23011000	Honda Civic SW 4x4
29	0.0	23012003	Honda Accord SW LX

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

2007	Prcnt	Code	Value and Description
29	0.0	23012018	Honda Accord SW EX
1	0.0	23012027	Honda Accord SW LX with ABS
24	0.0	23013006	Honda Civic Del Sol Conv S
29	0.0	23013010	Honda Civic Del Sol Conv SI
3	0.0	23013025	Honda Civic Del Sol Conv VTEC
213	0.1	23014001	Honda Civic 2D Coupe DX
198	0.1	23014003	Honda Civic 2D Coupe LX
30	0.0	23014010	Honda Civic 2D Coupe SI
834	0.4	23014018	Honda Civic 2D Coupe EX
34	0.0	23014028	Honda Civic 2D Coupe EX with ABS
46	0.0	23014031	Honda Civic 2D Coupe HX
17	0.0	23014048	Honda Civic 2D Coupe LX with Side Airbags
25	0.0	23014051	Honda Civic 2D Coupe EX with Side Airbags
1	0.0	23014053	Honda Civic 2D Coupe HX with Side Airbags
43	0.0	23014064	Honda Civic 2D Coupe DX-VP
7	0.0	23014065	Honda Civic 2D Coupe DX-VP with Side Airbags
9	0.0	23015000	Honda Passport 4D 4x2
88	0.0	23016000	Honda Passport 4D 4x4
48	0.0	23017003	Honda Odyssey Wagon LX
25	0.0	23017018	Honda Odyssey Wagon EX
193	0.1	23018003	Honda CR-V 4D 4WD LX
74	0.0	23018004	Honda CR-V 4D 4WD SE
418	0.2	23018018	Honda CR-V 4D 4WD EX
27	0.0	23018027	Honda CR-V 4D 4WD LX with ABS
3	0.0	23018048	Honda CR-V 4D 4WD LX with Side Airbags
33	0.0	23018054	Honda CR-V 4D 4WD EX-L
65	0.0	23020003	Honda CR-V 4D 2WD LX
9	0.0	23020018	Honda CR-V 4D 2WD EX
3	0.0	23020048	Honda CR-V 4D 2WD LX with Side Airbags
3	0.0	23020054	Honda CR-V 4D 2WD EX-L
76	0.0	23022003	Honda Odyssey Minivan LX
247	0.1	23022018	Honda Odyssey Minivan EX
12	0.0	23022047	Honda Odyssey Minivan EX with NAVI
94	0.1	23022054	Honda Odyssey Minivan EXL
145	0.1	23022055	Honda Odyssey Minivan EXL with RES
13	0.0	23022056	Honda Odyssey Minivan EXL with NAVI
12	0.0	23022067	Honda Odyssey Minivan EX with RES
25	0.0	23022069	Honda Odyssey Minivan Touring
45	0.0	23023042	Honda S2000 Conv Soft Top
7	0.0	23024000	Honda Insight Hybrid 3D
28	0.0	23025003	Honda Pilot 4D 4WD LX
80	0.0	23025018	Honda Pilot 4D 4WD EX
128	0.1	23025054	Honda Pilot 4D 4WD EX-L
89	0.0	23025055	Honda Pilot 4D 4WD EX-L with RES
74	0.0	23025056	Honda Pilot 4D 4WD EX-L with NAVI
1	0.0	23025074	Honda Pilot 4D 4WD VP
106	0.1	23026062	Honda Civic Hybrid 4D with Side Airbags
1	0.0	23027001	Honda Element 4D 2WD DX
4	0.0	23027003	Honda Element 4D 2WD LX
5	0.0	23027018	Honda Element 4D 2WD EX
2	0.0	23027051	Honda Element 4D 2WD EX with Side Airbags
2	0.0	23027078	Honda Element 4D 2WD SC



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
4	0.0	23028001	Honda Element 4D 4WD DX
11	0.0	23028003	Honda Element 4D 4WD LX
64	0.0	23028018	Honda Element 4D 4WD EX
12	0.0	23028051	Honda Element 4D 4WD EX with Side Airbags
17	0.0	23028076	Honda Element 4D 4WD EX-P
5	0.0	23030070	Honda Ridgeline Pickup 4D 4WD RT
7	0.0	23030071	Honda Ridgeline Pickup 4D 4WD RTS
35	0.0	23030072	Honda Ridgeline Pickup 4D 4WD RTL
8	0.0	23030077	Honda Ridgeline Pickup 4D 4WD RTX
9	0.0	23031000	Honda Accord Hybrid 4D
3	0.0	23031068	Honda Accord Hybrid 4D NAVI
5	0.0	23032003	Honda Pilot 4D 2WD LX
3	0.0	23032018	Honda Pilot 4D 2WD EX
4	0.0	23032054	Honda Pilot 4D 2WD EX-L
3	0.0	23032055	Honda Pilot 4D 2WD EX-L with RES
5	0.0	23032056	Honda Pilot 4D 2WD EX-L with NAVI
18	0.0	23033000	Honda FIT SW
28	0.0	23033079	Honda FIT SW Sport
30	0.0	23034000	Honda Civic SI 2D
7	0.0	23035000	Honda Civic SI 4D
2	0.0	24000000	Porsche Unknown Series Model
1	0.0	24001000	Porsche 914 Roadster Conv
1	0.0	24002000	Porsche 911 Coupe 2WD/4WD
9	0.0	24002003	Porsche 911 Coupe 2WD/4WD Carrera 4/Carrera 2
1	0.0	24003000	Porsche 911 Targa 2WD/4WD
1	0.0	24006002	Porsche 924 Coupe S
1	0.0	24007002	Porsche 928 Coupe S
12	0.0	24008000	Porsche 944 Coupe
2	0.0	24008001	Porsche 944 Coupe Turbo
1	0.0	24008002	Porsche 944 Coupe S
2	0.0	24009000	Porsche 911 Targa/Cabriolet
2	0.0	24010002	Porsche 944 Conv S
3	0.0	24012003	Porsche 911 Conv 2WD/4WD Carrera 4/Carrera 2
18	0.0	24016000	Porsche Boxter Conv
9	0.0	24016002	Porsche Boxter Conv S
4	0.0	24017000	Porsche Cayenne 4D 4WD
1	0.0	24017001	Porsche Cayenne 4D 4WD Turbo
14	0.0	24017002	Porsche Cayenne 4D 4WD S
1	0.0	24019000	Porsche 911 Coupe 2WD/4WD
1	0.0	24019010	Porsche 911 Coupe 2WD/4WD Carrera S / Carrera 4S
2	0.0	24020003	Porsche 911 Conv 2WD/4WD Carrera 4 / Carrera 2
3	0.0	24020010	Porsche 911 Conv 2WD/4WD Carrera S / Carrera 4S
2	0.0	24021002	Porsche Cayman Coupe S
2	0.0	24025000	Porsche 911 Turbo coupe 4WD
1	0.0	25000000	MG Unknown Series Model
1	0.0	25003000	MG MGB
108	0.1	26000000	Subaru Unknown Series Model
2	0.0	26017002	Subaru DL/GL 4D Sedan 2WD DL
1	0.0	26019003	Subaru DL/GL SW 2WD GL
1	0.0	26021013	Subaru Hardtop/XT 2D 4WD XT6
1	0.0	26022003	Subaru DL/GL 2D GL
2	0.0	26028000	Subaru Loyale 4D 2WD

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

2007	Prcnt	Code	Value and Description
2	0.0	26029000	Subaru Loyale SW 2WD
3	0.0	26032000	Subaru Loyale SW 4WD
27	0.0	26033014	Subaru Legacy 4D 2WD L/L+
1	0.0	26033016	Subaru Legacy 4D 2WD LS Special
3	0.0	26033029	Subaru Legacy 4D 2WD L
17	0.0	26034014	Subaru Legacy SW 2WD L/L+
2	0.0	26034015	Subaru Legacy SW 2WD LS
1	0.0	26034016	Subaru Legacy SW 2WD LS Special
4	0.0	26035014	Subaru Legacy/Outback 4D 4WD L/L+
2	0.0	26035016	Subaru Legacy/Outback 4D 4WD LS Special
8	0.0	26035024	Subaru Legacy/Outback 4D 4WD LS/LSI
1	0.0	26035027	Subaru Legacy/Outback 4D 4WD L+
2	0.0	26035028	Subaru Legacy/Outback 4D 4WD Turbo Sport Sedan
40	0.0	26035029	Subaru Legacy/Outback 4D 4WD L
1	0.0	26035030	Subaru Legacy/Outback 4D 4WD LSI
11	0.0	26035037	Subaru Legacy/Outback 4D 4WD GT
5	0.0	26035038	Subaru Legacy/Outback 4D 4WD Sport Utility Sedan
4	0.0	26035041	Subaru Legacy/Outback 4D 4WD GT Limited
4	0.0	26035042	Subaru Legacy/Outback 4D 4WD Outback Limited
3	0.0	26035045	Subaru Legacy/Outback 4D 4WD Outback H6-3.0
4	0.0	26035051	Subaru Legacy/Outback 4D 4WD L Special Edition
13	0.0	26035057	Subaru Legacy/Outback 4D 4WD 2.5I
8	0.0	26035058	Subaru Legacy/Outback 4D 4WD 2.5I Limited
5	0.0	26035059	Subaru Legacy/Outback 4D 4WD 2.5 GT
7	0.0	26035060	Subaru Legacy/Outback 4D 4WD 2.5 GT Limited
8	0.0	26035070	Subaru Legacy/Outback 4D 4WD 2.5I Limited/Special Edition
17	0.0	26036014	Subaru Legacy/Outback SW 4WD L/L+
3	0.0	26036015	Subaru Legacy/Outback SW 4WD LS
2	0.0	26036016	Subaru Legacy/Outback SW 4WD LS Special
5	0.0	26036024	Subaru Legacy/Outback SW 4WD LS/LSI
44	0.0	26036029	Subaru Legacy/Outback SW 4WD L
1	0.0	26036030	Subaru Legacy/Outback SW 4WD LSI
10	0.0	26036032	Subaru Legacy/Outback SW 4WD Brighton
10	0.0	26036035	Subaru Legacy/Outback SW 4WD L/Outback
132	0.1	26036036	Subaru Legacy/Outback SW 4WD Outback
6	0.0	26036037	Subaru Legacy/Outback SW 4WD GT
25	0.0	26036042	Subaru Legacy/Outback SW 4WD Outback Limited
20	0.0	26036044	Subaru Legacy/Outback SW 4WD Outback H6-LL Bean
9	0.0	26036045	Subaru Legacy/Outback SW 4WD Outback H6-3.0
6	0.0	26036052	Subaru Legacy/Outback SW 4WD Outback Audio Special
33	0.0	26036053	Subaru Legacy/Outback SW 4WD Outback AWD
2	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
1	0.0	26036059	Subaru Legacy/Outback SW 4WD 2.5 GT
3	0.0	26036070	Subaru Legacy/Outback SW 4WD 2.5I Limited / Special Edition
3	0.0	26038026	Subaru SVX 2D 4WD LS-L
2	0.0	26038030	Subaru SVX 2D 4WD LSI
16	0.0	26040027	Subaru Impreza 4D 2WD L+

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
6	0.0	26040029	Subaru Impreza 4D 2WD L
11	0.0	26041017	Subaru Impreza 4D 4WD RS
3	0.0	26041027	Subaru Impreza 4D 4WD L+
13	0.0	26041029	Subaru Impreza 4D 4WD L
1	0.0	26041034	Subaru Impreza 4D 4WD LX
29	0.0	26041057	Subaru Impreza 4D 4WD 2.5I
1	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	26042029	Subaru Impreza SW 2WD L
1	0.0	26043015	Subaru Impreza SW 4WD LS
5	0.0	26043017	Subaru Impreza SW 4WD RS
1	0.0	26043027	Subaru Impreza SW 4WD L+
7	0.0	26043029	Subaru Impreza SW 4WD L
5	0.0	26043034	Subaru Impreza SW 4WD LX
5	0.0	26043035	Subaru Impreza SW 4WD L/Outback
14	0.0	26043036	Subaru Impreza SW 4WD Outback
39	0.0	26043040	Subaru Impreza SW 4WD Outback Sport
8	0.0	26043046	Subaru Impreza SW 4WD TS
8	0.0	26043057	Subaru Impreza SW 4WD 2.5I
2	0.0	26043075	Subaru Impreza SW 4WD Outback Sport Special Edition
1	0.0	26044029	Subaru Impreza 2D 2WD L
7	0.0	26045029	Subaru Impreza 2D 4WD L
3	0.0	26045032	Subaru Impreza 2D 4WD Brighton
2	0.0	26045034	Subaru Impreza 2D 4WD LX
70	0.0	26046029	Subaru Forester 4D 4WD L
35	0.0	26046039	Subaru Forester 4D 4WD S
64	0.0	26046048	Subaru Forester 4D 4WD 2.5 X
37	0.0	26046049	Subaru Forester 4D 4WD 2.5 XS
14	0.0	26046050	Subaru Forester 4D 4WD 2.5 XT Turbo
5	0.0	26046056	Subaru Forester 4D 4WD 2.5 XS LL Bean
3	0.0	26046065	Subaru Forester 4D 4WD 2.5 XT Limited
13	0.0	26046068	Subaru Forester 4D 4WD 2.5 X LL Bean
15	0.0	26046069	Subaru Forester 4D 4WD 2.5 X Premium Package
8	0.0	26047000	Subaru Baja 4D 4WD
2	0.0	26047019	Subaru Baja 4D 4WD Turbo
9	0.0	26047055	Subaru Baja 4D 4WD Sport
52	0.0	26048000	Subaru Impreza WRX 4D 4WD
24	0.0	26048047	Subaru Impreza WRX 4D 4WD STI
1	0.0	26048073	Subaru Impreza WRX 4D 4WD Base / Limited
3	0.0	26048076	Subaru Impreza WRX 4D 4WD TR
2	0.0	26048077	Subaru Impreza WRX 4D 4WD STI Limited
11	0.0	26048078	Subaru Impreza WRX 4D 4WD Base / TR / Limited
14	0.0	26049000	Subaru Impreza WRX SW 4WD
1	0.0	26049073	Subaru Impreza WRX SW 4WD Base / Limited
1	0.0	26049092	Subaru Impreza WRX SW 4WD VDC Premium Package/NAVI
2	0.0	26050058	Subaru Outback 4D 4WD 2.5I Limited
1	0.0	26050071	Subaru Outback 4D 4WD 3.0 R LL Bean
34	0.0	26051057	Subaru Outback SW 4WD 2.5I
16	0.0	26051058	Subaru Outback SW 4WD 2.5I Limited
2	0.0	26051063	Subaru Outback SW 4WD H6-3.0 R LL Bean
1	0.0	26051064	Subaru Outback SW 4WD H6-3.0 R VDC Limited

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

2007	Prcnt	Code	Value and Description
7	0.0	26051065	Subaru Outback SW 4WD 2.5 XT Limited
2	0.0	26051071	Subaru Outback SW 4WD 3.0 R LL BEAN
1	0.0	26051087	Subaru Outback SW 4WD 2.5I / LL Bean NAVI
3	0.0	26051088	Subaru Outback SW 4WD 2.5 I Limited / LL Bean NAVI
2	0.0	26051089	Subaru Outback SW 4WD 2.5 XT Limited / NAVI VDC
1	0.0	26051090	Subaru Outback SW 4WD 3.0 R LL Bean / NAVI VDC
7	0.0	26052066	Subaru B9 Tribeca 4D 4WD 3.0 H6 5-pass
14	0.0	26052067	Subaru B9 Tribeca 4D 4WD 3.0 H6 7-pass
1	0.0	27005000	Chry/Plym/Mits Colt 2D
1	0.0	27005006	Chry/Plym/Mits Colt 2D E
1	0.0	27005013	Chry/Plym/Mits Colt 2D GL
1	0.0	27006006	Chry/Plym/Mits Colt 4D E
1	0.0	27007000	Chry/Plym/Mits Colt Vista SW 2WD
2	0.0	27007014	Chry/Plym/Mits Colt Vista SW 2WD SE
2	0.0	27008000	Chry/Plym/Mits Conquest 2D
6	0.0	28000000	GMCA/Passport Unknown Series Model
498	0.3	29000000	Chevrolet/Geo Truck Unknown Series Model
6	0.0	29001000	Chevrolet/Geo 10/1500 Chassis C 1/2T 4x2/4x4
289	0.2	29002000	Chevrolet/Geo 10/1500 PU 1/2T 4x2/4x4
2	0.0	29002001	Chevrolet/Geo 10/1500 PU 1/2T 4x2/4x4 4-Wheel Drive
62	0.0	29003000	Chevrolet/Geo Suburban 1/2T 4D 4x2/4x4
6	0.0	29003005	Chevrolet/Geo Suburban 1/2T 4D 4x2/4x4 Incomplete
1	0.0	29003006	Chevrolet/Geo Suburban 1/2T 4D 4x2/4x4 Truck
5	0.0	29005000	Chevrolet/Geo 20/2500 Chassis C 3/4T 4x2/4x4
68	0.0	29006000	Chevrolet/Geo 20/2500 PU 3/4T 4x2/4x4
4	0.0	29006001	Chevrolet/Geo 20/2500 PU 3/4T 4x2/4x4 4-Wheel Drive
15	0.0	29007000	Chevrolet/Geo Suburban 3/4T 4D 4x2/4x4
1	0.0	29007005	Chevrolet/Geo Suburban 3/4T 4D 4x2/4x4 Incomplete
15	0.0	29008000	Chevrolet/Geo 30 Chassis Cab 1T 4x2/4x4
2	0.0	29009000	Chevrolet/Geo 30 Pickup 1T 4x2/4x4
192	0.1	29010000	Chevrolet/Geo Chevan/EXP CG 1500 4x2
51	0.0	29010005	Chevrolet/Geo Chevan/EXP CG 1500 4x2 Incomplete
1	0.0	29011000	Chevrolet/Geo Sportvan 1/2T
264	0.1	29012000	Chevrolet/Geo Chevan/EXP CG 2500 4x2
109	0.1	29012005	Chevrolet/Geo Chevan/EXP CG 2500 4x2 Incomplete
3	0.0	29013000	Chevrolet/Geo Sportvan 3/4T
17	0.0	29015000	Chevrolet/Geo Chevyvan 1T
4	0.0	29016008	Chevrolet/Geo Sportvan 1T Bus
479	0.3	29018001	Chevrolet/Geo Suburban 1/2T 4D 4x4 4-Wheel Drive
2	0.0	29018005	Chevrolet/Geo Suburban 1/2T 4D 4x4 Incomplete
1	0.0	29018006	Chevrolet/Geo Suburban 1/2T 4D 4x4 Truck
69	0.0	29019001	Chevrolet/Geo Blazer 1/2T 4x4 4-Wheel Drive
1	0.0	29019006	Chevrolet/Geo Blazer 1/2T 4x4 Truck
69	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
115	0.1	29022001	Chevrolet/Geo 10/1500 PU 1/2T 4x4 4-Wheel Drive
52	0.0	29024001	Chevrolet/Geo 20/2500 PU 3/4T 4x4 4-Wheel Drive
1	0.0	29025001	Chevrolet/Geo 30 Chassis C 1T 4x4 4-Wheel Drive
1	0.0	29026001	Chevrolet/Geo 30 Pickup 1T 4x4 4-Wheel Drive
7	0.0	29030000	Chevrolet/Geo El Camino 2D
218	0.1	29032001	Chevrolet/Geo Tahoe 4D 4x4 4-Wheel Drive
5	0.0	29032010	Chevrolet/Geo Tahoe 4D 4x4 Z71

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
10	0.0	29033000	Chevrolet/Geo Tahoe 4D 4x2
2	0.0	29033009	Chevrolet/Geo Tahoe 4D 4x2 Limited
3	0.0	29034000	Chevrolet/Geo Tahoe 2D 4x2
27	0.0	29035000	Chevrolet/Geo Tracker 4D 4x2
4	0.0	29035012	Chevrolet/Geo Tracker 4D 4x2 LT
59	0.0	29036000	Chevrolet/Geo Tracker 4D 4x4
28	0.0	29036011	Chevrolet/Geo Tracker 4D 4x4 ZR2 Sport
21	0.0	29036012	Chevrolet/Geo Tracker 4D 4x4 LT
14	0.0	29037000	Chevrolet/Geo Express Van 1500 4x2
1	0.0	29038000	Chevrolet/Geo Express Van 2500 4x2
12	0.0	29038008	Chevrolet/Geo Express Van 2500 4x2 Bus
5	0.0	29039008	Chevrolet/Geo Express Van 3500 4x2 Bus
432	0.2	29041000	Chevrolet/Geo S10 Pickup 4x2
31	0.0	29042001	Chevrolet/Geo T10 Pickup 4x4 4-Wheel Drive
71	0.0	29043000	Chevrolet/Geo S10 Blazer 2D 4x2
1	0.0	29043006	Chevrolet/Geo S10 Blazer 2D 4x2 Truck
208	0.1	29044001	Chevrolet/Geo T10 Blazer 2D 4x4 4-Wheel Drive
1	0.0	29044006	Chevrolet/Geo T10 Blazer 2D 4x4 Truck
42	0.0	29045000	Chevrolet/Geo S10 Chassis Cab 4x2
29	0.0	29046007	Chevrolet/Geo Astro Van 4x2 MPV
9	0.0	29047005	Chevrolet/Geo Astro Cargo Van 4x2 Incomplete
31	0.0	29047006	Chevrolet/Geo Astro Cargo Van 4x2 Truck
280	0.2	29048000	Chevrolet/Geo S10 PU Ext Cab 4x2
89	0.0	29049001	Chevrolet/Geo T10 PU Ext Cab 4x4 4-Wheel Drive
4	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
7	0.0	29052003	Chevrolet/Geo 30/3500 CR CC 1T 4x4 Bonus/Crew Cab 4WD
13	0.0	29053003	Chevrolet/Geo 30/3500 CR C PU 1T 4x4 Bonus/Crew Cab 4WD
4	0.0	29055002	Chevrolet/Geo Crew Cab PU 3/4T 4x2 Bonus/Crew Cab
12	0.0	29056000	Chevrolet/Geo Cutaway/RV Cut Van 1T
82	0.0	29057000	Chevrolet/Geo 1500 PU Ext C 1/2T 4x2
124	0.1	29058001	Chevrolet/Geo 1500 PU Ext C 1/2T 4x4 4-Wheel Drive
24	0.0	29059000	Chevrolet/Geo 2500 PU Ext C 3/4T 4x2
28	0.0	29060001	Chevrolet/Geo 2500 PU Ext C 3/4T 4x4 4-Wheel Drive
6	0.0	29061000	Chevrolet/Geo 3500 PU Ext C 1T 4x2
5	0.0	29062001	Chevrolet/Geo 3500 PU Ext C 1T 4x4 4-Wheel Drive
55	0.0	29065000	Chevrolet/Geo 3500 CC 1T 4x2 (C Body)
10	0.0	29066001	Chevrolet/Geo 3500 CC 1T 4x4 (K Body) 4-Wheel Drive
16	0.0	29067000	Chevrolet/Geo 3500 PU 1T 4x2 (C Body)
4	0.0	29068001	Chevrolet/Geo 3500 PU 1T 4x4 (K Body) 4-Wheel Drive
37	0.0	29069000	Chevrolet/Geo Geo Tracker 2D 4x4
2	0.0	29069011	Chevrolet/Geo Geo Tracker 2D 4x4 ZR2 Sport
39	0.0	29070007	Chevrolet/Geo Lumina APV/Van MPV
1	0.0	29071006	Chevrolet/Geo Lumina APV Cargo Van Truck
1	0.0	29072007	Chevrolet/Geo Astro Van 4x4 MPV
121	0.1	29074007	Chevrolet/Geo Astro Ext Van 4x2 MPV
30	0.0	29075005	Chevrolet/Geo Astro Ext Cargo Van 4x2 Incomplete
152	0.1	29075006	Chevrolet/Geo Astro Ext Cargo Van 4x2 Truck
49	0.0	29076007	Chevrolet/Geo Astro Ext Van 4x4 MPV
7	0.0	29077005	Chevrolet/Geo Astro Ext Cargo Van 4x4 Incomplete

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

2007	Prcnt	Code	Value and Description
15	0.0	29077006	Chevrolet/Geo Astro Ext Cargo Van 4x4 Truck
3	0.0	29078008	Chevrolet/Geo Sportvan 1T Ext Bus
667	0.4	29080001	Chevrolet/Geo T10 Blazer 4D 4x4 4-Wheel Drive
1	0.0	29080006	Chevrolet/Geo T10 Blazer 4D 4x4 Truck
53	0.0	29081000	Chevrolet/Geo S10 Blazer 4D 4x2
25	0.0	29082000	Chevrolet/Geo Geo Tracker 2D 4x2
5	0.0	29083000	Chevrolet/Geo 1500 CC Ext C 1/2T 4x2
4	0.0	29084001	Chevrolet/Geo 1500 CC Ext C 1/2T 4x4 4-Wheel Drive
1	0.0	29085000	Chevrolet/Geo 2500 CC Ext C 3/4T 4x2
3	0.0	29087000	Chevrolet/Geo P30 RV Chassis
69	0.0	29088008	Chevrolet/Geo Express Van 3500 Ext 4x2 Bus
159	0.1	29089000	Chevrolet/Geo Chevan/Exp CG 3500 4x2
59	0.0	29090000	Chevrolet/Geo Chevan/Exp CG 3500 Ext 4x2
110	0.1	29091000	Chevrolet/Geo Cut/RV Cut V 3500
1	0.0	29092008	Chevrolet/Geo Express Van 2500 Ext 4x2 Bus
23	0.0	29093000	Chevrolet/Geo Chevan/Exp CG 2500 Ext 4x2
72	0.0	29094007	Chevrolet/Geo Venture Van SWB 2WD MPV
207	0.1	29095007	Chevrolet/Geo Venture Van LWB 2WD MPV
1	0.0	29096005	Chevrolet/Geo Venture Cargo Van 2WD Incomplete
281	0.2	29097000	Chevrolet/Geo Silverado 1500 PU 4x2
216	0.1	29098000	Chevrolet/Geo Silverado 1500 PU E C 4x2
122	0.1	29099000	Chevrolet/Geo Silverado 1500 PU 4x4
398	0.2	29100000	Chevrolet/Geo Silverado 1500 PU E C 4x4
2	0.0	29103000	Chevrolet/Geo Silverado 1500 CC 4x4
1	0.0	29104000	Chevrolet/Geo Silverado 1500 CC E C 4x4
33	0.0	29105000	Chevrolet/Geo Silverado 2500 PU 4x2
20	0.0	29106000	Chevrolet/Geo Silverado 2500 PU E C 4x2
71	0.0	29107000	Chevrolet/Geo Silverado 2500 PU 4x4
127	0.1	29108000	Chevrolet/Geo Silverado 2500 PU E C 4x4
18	0.0	29109000	Chevrolet/Geo Silverado 2500 CC 4x2
3	0.0	29110000	Chevrolet/Geo Silverado 2500 CC E C 4x2
12	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
50	0.0	29114000	Chevrolet/Geo Tahoe 4D 4x2
1	0.0	29114015	Chevrolet/Geo Tahoe 4D 4x2 Police
513	0.3	29115000	Chevrolet/Geo Tahoe 4D 4x4
5	0.0	29116000	Chevrolet/Geo Silverado 2500 CR PU 4x2
108	0.1	29117000	Chevrolet/Geo Silverado 2500 CR PU 4x4
3	0.0	29119000	Chevrolet/Geo Silverado 3500 PU E C 4x2
5	0.0	29120000	Chevrolet/Geo Silverado 3500 PU 4x4
6	0.0	29121000	Chevrolet/Geo Silverado 3500 PU E C 4x4
34	0.0	29122000	Chevrolet/Geo Silverado 3500 CC 4x2
4	0.0	29123000	Chevrolet/Geo Silverado 3500 CC E C 4x2
8	0.0	29124000	Chevrolet/Geo Silverado 3500 CC 4x4
1	0.0	29125000	Chevrolet/Geo Silverado 3500 CC E C 4x4
3	0.0	29126000	Chevrolet/Geo Silverado 3500 CR CC 4x2
3	0.0	29127000	Chevrolet/Geo Silverado 3500 CR CC 4x4
3	0.0	29128000	Chevrolet/Geo Silverado 3500 CR PU 4x2
32	0.0	29129000	Chevrolet/Geo Silverado 3500 CR PU 4x4
36	0.0	29131000	Chevrolet/Geo T10 Crew Cab PU 4x4

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
75	0.0	29132000	Chevrolet/Geo Trailblazer 4D 4x2
509	0.3	29133000	Chevrolet/Geo Trailblazer 4D 4x4
11	0.0	29134000	Chevrolet/Geo Silverado 1500 CR PU 4x2
67	0.0	29135000	Chevrolet/Geo Silverado 1500 CR PU 4x4
1	0.0	29139000	Chevrolet/Geo Silverado 2500 CR CC 4x4
22	0.0	29140000	Chevrolet/Geo Avalanche 1500 4D 4x2
132	0.1	29141000	Chevrolet/Geo Avalanche 1500 4D 4x4
5	0.0	29142007	Chevrolet/Geo Venture Van LWB 4WD MPV
3	0.0	29144000	Chevrolet/Geo Avalanche 2500 4D 4x4
12	0.0	29145000	Chevrolet/Geo Trailblazer Ext 4D 4x2
129	0.1	29146000	Chevrolet/Geo Trailblazer Ext 4D 4x4
4	0.0	29147000	Chevrolet/Geo SSR Pickup 4x2
3	0.0	29148000	Chevrolet/Geo Express Van 1500 4x4
1	0.0	29151000	Chevrolet/Geo Express Cargo Van 1500 4x4
67	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
25	0.0	29160000	Chevrolet/Geo Colorado CR PU 4x2
2	0.0	29162012	Chevrolet/Geo Equinox 4D 2WD/4WD LT
1	0.0	29162018	Chevrolet/Geo Equinox 4D 2WD/4WD LTZ
31	0.0	29163012	Chevrolet/Geo Equinox 4D 2WD LT
56	0.0	29163014	Chevrolet/Geo Equinox 4D 2WD LS
65	0.0	29164012	Chevrolet/Geo Equinox 4D 4WD LT
52	0.0	29164014	Chevrolet/Geo Equinox 4D 4WD LS
14	0.0	29165000	Chevrolet/Geo Colorado PU 4x4
21	0.0	29166000	Chevrolet/Geo Colorado PU E C 4x4
49	0.0	29167000	Chevrolet/Geo Colorado CR PU 4x4
1	0.0	29168000	Chevrolet/Geo Military Truck 4x4
2	0.0	29169012	Chevrolet/Geo HHR Panel Van LT
4	0.0	29170000	Chevrolet/Geo Uplander Van LWB 2WD
15	0.0	29170012	Chevrolet/Geo Uplander Van LWB 2WD LT
47	0.0	29170014	Chevrolet/Geo Uplander Van LWB 2WD LS
4	0.0	29171012	Chevrolet/Geo Uplander Van LWB 4WD LT
2	0.0	29172012	Chevrolet/Geo Uplander Van SWB 2WD LT
10	0.0	29172014	Chevrolet/Geo Uplander Van SWB 2WD LS
2	0.0	29174000	Chevrolet/Geo Uplander CG Van LWB 2WD
7	0.0	29174005	Chevrolet/Geo Uplander CG Van LWB 2WD Incomplete
57	0.0	29176012	Chevrolet/Geo HHR SW 2WD LT
36	0.0	29176014	Chevrolet/Geo HHR SW 2WD LS
32	0.0	29177000	Chevrolet/Geo Medium Duty 4500 Series
15	0.0	29178000	Chevrolet/Geo Medium Duty 5500 Series
17	0.0	29179000	Chevrolet/Geo Medium Duty 6500 Series
55	0.0	29180000	Chevrolet/Geo Medium Duty 7500 Series
7	0.0	29181000	Chevrolet/Geo Medium Duty 8500 Series
14	0.0	29182000	Chevrolet/Geo Silverado 1500 4x2
10	0.0	29183000	Chevrolet/Geo Silverado 1500 Extended Cab 4x2
2	0.0	29184000	Chevrolet/Geo Silverado 1500 4x4
25	0.0	29185000	Chevrolet/Geo Silverado 1500 Extended Cab 4x4
1	0.0	29191000	Chevrolet/Geo Silverado 2500 Extended Cab 4x2
5	0.0	29193000	Chevrolet/Geo Silverado 2500 Extended Cab 4x4
3	0.0	29199000	Chevrolet/Geo Silverado 2500 Crew 4x4
1	0.0	29202000	Chevrolet/Geo Silverado 3500 4x4

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

2007	Prcnt	Code	Value and Description
1	0.0	29203000	Chevrolet/Geo Silverado 3500 Extended Cab 4x4
1	0.0	29204000	Chevrolet/Geo Silverado 3500 Chassis Cab 4x2
1	0.0	29211000	Chevrolet/Geo Silverado 3500 Crew 4x4
1	0.0	29212000	Chevrolet/Geo Silverado 1500 Crew 4x2
13	0.0	29213000	Chevrolet/Geo Silverado 1500 Crew 4x4
148	0.1	30000000	GMC Unknown Series Model
1	0.0	30001000	GMC 1500 Chassis C 1/2T 4x2/4x4
89	0.0	30002000	GMC 1500 Pickup 1/2T 4x2/4x4
12	0.0	30003000	GMC Suburban 1/2T 4D 4x2/4x4
2	0.0	30003006	GMC Suburban 1/2T 4D 4x2/4x4 Incomplete
5	0.0	30005000	GMC 2500 Chassis C 3/4T 4x2/4x4
12	0.0	30006000	GMC 2500 Pickup 3/4T 4x2/4x4
4	0.0	30007000	GMC Suburban 3/4T 4D 4x2/4x4
2	0.0	30008000	GMC 3500 Chassis Cab 1T 4x2/4x4
1	0.0	30010000	GMC Vandura 1/2T 4x2
7	0.0	30012000	GMC Vandura 3/4T
18	0.0	30012006	GMC Vandura 3/4T Incomplete
11	0.0	30015000	GMC Vandura 1T
61	0.0	30021001	GMC Suburban 1/2T 4D 4x4 4-Wheel Drive
6	0.0	30022001	GMC Jimmy 1/2T 2D 4x4 4-Wheel Drive
6	0.0	30023001	GMC Suburban 3/4T 4D 4x4 4-Wheel Drive
30	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
16	0.0	30028001	GMC 2500 Pickup 3/4T 4x4 4-Wheel Drive
6	0.0	30031001	GMC Yukon 2D 4x4 4-Wheel Drive
88	0.0	30032001	GMC Yukon 4D 4x4 4-Wheel Drive
4	0.0	30033000	GMC Yukon 4D 4x2
1	0.0	30035000	GMC Savana Van 1500 4x2
1	0.0	30036000	GMC Savana Van 2500 4x2
9	0.0	30036009	GMC Savana Van 2500 4x2 Bus
13	0.0	30038000	GMC Savana Cargo Van 1500 4x2
9	0.0	30038006	GMC Savana Cargo Van 1500 4x2 Incomplete
56	0.0	30039000	GMC Savana Cargo Van 2500 4x2
11	0.0	30040000	GMC Cutaway/RV Cut Van 1T
54	0.0	30041000	GMC S15/Sonoma Pickup 4x2
8	0.0	30042001	GMC T15/Sonoma Pickup 4x4 4-Wheel Drive
6	0.0	30043000	GMC S15 Jimmy 2D 4x2
36	0.0	30044001	GMC T15 Jimmy 2D 4x4 4-Wheel Drive
1	0.0	30044007	GMC T15 Jimmy 2D 4x4 Truck
1	0.0	30044011	GMC T15 Jimmy 2D 4x4 Typhoon Incomplete
3	0.0	30046008	GMC Safari Van 4x2 MPV
1	0.0	30047006	GMC Safari Cargo Van 4x2 Incomplete
4	0.0	30047007	GMC Safari Cargo Van 4x2 Truck
52	0.0	30048000	GMC S15/Sonoma PU Ext Cab 4x2
25	0.0	30049001	GMC T15/Sonoma PU Ext Cab 4x4 4-Wheel Drive
1	0.0	30050003	GMC 3500 Crew C Chass 1T 4x2 Crew/Bonus Cab
2	0.0	30051003	GMC 3500 Crew PU 1T 4x2 Crew/Bonus Cab
3	0.0	30052004	GMC 3500 Crew CC 1T 4x4 Crew/Bonus Cab 4WD
3	0.0	30053004	GMC 3500 Crew PU 1T 4x4 Crew/Bonus Cab 4WD
1	0.0	30055003	GMC 2500 Crew PU 3/4T 4x2 Crew/Bonus Cab
2	0.0	30056004	GMC 2500 Crew PU 3/4T 4x4 Crew/Bonus Cab 4WD
26	0.0	30057000	GMC 1500 PU Ext C 1/2T 4x2



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
36	0.0	30058001	GMC 1500 PU Ext C 1/2T 4x4 4-Wheel Drive
6	0.0	30059000	GMC 2500 PU Ext C 3/4T 4x2
11	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
2	0.0	30062001	GMC 3500 PU Ext C 1T 4x4 4-Wheel Drive
1	0.0	30063000	GMC 3500 CC Ext C 1T 4x2
28	0.0	30065000	GMC 3500 CC 1T 4x2 (C Body)
4	0.0	30066001	GMC 3500 CC 1T 4x4 (K Body) 4-Wheel Drive
5	0.0	30067000	GMC 3500 PU 1T 4x2 (C Body)
1	0.0	30068001	GMC 3500 PU 1T 4x4 (K Body) 4-Wheel Drive
32	0.0	30071008	GMC Safari Ext Van 4x2 MPV
7	0.0	30072006	GMC Safari Ext Cargo Van 4x2 Incomplete
32	0.0	30072007	GMC Safari Ext Cargo Van 4x2 Truck
21	0.0	30073008	GMC Safari Ext Van 4x4 MPV
2	0.0	30074006	GMC Safari Ext Cargo Van 4x4 Incomplete
7	0.0	30074007	GMC Safari Ext Cargo Van 4x4 Truck
1	0.0	30076000	GMC Vandura 1T Ext
165	0.1	30077001	GMC T15 Jimmy 4D 4x4 4-Wheel Drive
9	0.0	30078000	GMC S15 Jimmy 4D 4x2
43	0.0	30086000	GMC Savana Cargo Van 3500 4x2
16	0.0	30087009	GMC Savana Van 3500 Ext 4x2 Bus
10	0.0	30088000	GMC Savana CG V 3500 Ext 4x2
59	0.0	30089000	GMC CUT/RV Cut V 3500
12	0.0	30091000	GMC Savana CG V 2500 Ext 4x2
61	0.0	30092000	GMC Sierra 1500 PU 4x2
50	0.0	30093000	GMC Sierra 1500 PU E C 4x2
39	0.0	30094000	GMC Sierra 1500 PU 4x4
104	0.1	30095000	GMC Sierra 1500 PU E C 4x4
5	0.0	30100000	GMC Sierra 2500 PU 4x2
10	0.0	30101000	GMC Sierra 2500 PU E C 4x2
21	0.0	30102000	GMC Sierra 2500 PU 4x4
27	0.0	30103000	GMC Sierra 2500 PU E C 4x4
3	0.0	30104000	GMC Sierra 2500 CC 4x2
2	0.0	30107000	GMC Sierra 2500 CC E C 4x4
9	0.0	30108000	GMC Yukon XL 1/2T 4D 4x2
94	0.1	30109000	GMC Yukon XL 1/2T 4D 4x4
1	0.0	30109007	GMC Yukon XL 1/2T 4D 4x4 Truck
93	0.1	30109012	GMC Yukon XL 1/2T 4D 4x4 Denali
5	0.0	30111000	GMC Yukon XL 3/4T 4D 4x4
8	0.0	30112000	GMC Yukon 4D 4x2
133	0.1	30113000	GMC Yukon 4D 4x4
95	0.1	30113012	GMC Yukon 4D 4x4 Denali
4	0.0	30114000	GMC Sierra 2500 CR PU 4x2
25	0.0	30115000	GMC Sierra 2500 CR PU 4x4
2	0.0	30117000	GMC Sierra 3500 PU E C 4x2
1	0.0	30118000	GMC Sierra 3500 PU 4x4
1	0.0	30119000	GMC Sierra 3500 PU E C 4x4
14	0.0	30120000	GMC Sierra 3500 CC 4x2
3	0.0	30122000	GMC Sierra 3500 CC 4x4
2	0.0	30124000	GMC Sierra 3500 CR CC 4x2
2	0.0	30126000	GMC Sierra 3500 CR PU 4x2
8	0.0	30127000	GMC Sierra 3500 CR PU 4x4

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

2007	Prcnt	Code	Value and Description
7	0.0	30129000	GMC Sonoma Crew Cab PU 4x4
17	0.0	30130000	GMC Envoy 4D 4x2
184	0.1	30131000	GMC Envoy 4D 4x4
5	0.0	30131012	GMC Envoy 4D 4x4 Denali
3	0.0	30132000	GMC Sierra 1500 CR PU 4x2
28	0.0	30133000	GMC Sierra 1500 CR PU 4x4
2	0.0	30138000	GMC Envoy XL 4D 4x2
92	0.0	30139000	GMC Envoy XL 4D 4x4
7	0.0	30139012	GMC Envoy XL 4D 4x4 Denali
8	0.0	30146000	GMC Canyon PU 4x2
2	0.0	30147000	GMC Canyon CC 4x2
6	0.0	30149000	GMC Canyon PU E C 4x2
3	0.0	30152000	GMC Canyon CR PU 4x2
2	0.0	30155000	GMC Envoy XUV 4D 4x2
13	0.0	30156000	GMC Envoy XUV 4D 4x4
1	0.0	30157000	GMC Canyon PU 4x4
11	0.0	30158000	GMC Canyon PU E C 4x4
10	0.0	30159000	GMC Canyon CR PU 4x4
69	0.0	30160000	GMC Medium Duty 4500 Series
39	0.0	30161000	GMC Medium Duty 5500 Series
31	0.0	30162000	GMC Medium Duty 6500 Series
103	0.1	30163000	GMC Medium Duty 7500 Series
9	0.0	30164000	GMC Medium Duty 8500 Series
3	0.0	30165014	GMC Acadia 4D 2WD SLT
6	0.0	30166014	GMC Acadia 4D 4WD SLT
1	0.0	30167000	GMC Sierra 1500 4x2
1	0.0	30168000	GMC Sierra 1500 Extended Cab 4x2
4	0.0	30170000	GMC Sierra 1500 Extended Cab 4x4
1	0.0	30178000	GMC Sierra 2500 Extended Cab 4x4
2	0.0	30184000	GMC Sierra 2500 Crew 4x4
2	0.0	30198000	GMC Sierra 1500 Crew 4x4
922	0.5	31000000	Ford Truck Unknown Series Model
39	0.0	31002001	Ford E150 Econo Club Wagon Club Wagon
57	0.0	31006001	Ford E350 Econo Club Wagon Club Wagon
220	0.1	31006008	Ford E350 Econo Club Wagon Super Club Wagon
13	0.0	31007000	Ford F100 Pickup 4x2
417	0.2	31008000	Ford F150 Pickup 4x2
25	0.0	31008023	Ford F150 Pickup 4x2 Flareside
313	0.2	31008024	Ford F150 Pickup 4x2 Styleside
135	0.1	31009000	Ford F250 Pickup 4x2
9	0.0	31009024	Ford F250 Pickup 4x2 Styleside
18	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
105	0.1	31011014	Ford Bronco 2D 4x4 4-Wheel Drive
262	0.1	31013002	Ford E150 Econo Cargo Van Cargo Van
2	0.0	31013009	Ford E150 Econo Cargo Van Super Cargo Van
112	0.1	31013020	Ford E150 Econo Cargo Van Incomplete
539	0.3	31014002	Ford E250 Econo Cargo Van Cargo Van
1	0.0	31014003	Ford E250 Econo Cargo Van Window Van
86	0.0	31014009	Ford E250 Econo Cargo Van Super Cargo Van
5	0.0	31014020	Ford E250 Econo Cargo Van Incomplete

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
2	0.0	31014021	Ford E250 Econo Cargo Van Heavy Duty Cargo Van
165	0.1	31015002	Ford E350 Econo Cargo Van Cargo Van
102	0.1	31015009	Ford E350 Econo Cargo Van Super Cargo Van
20	0.0	31015020	Ford E350 Econo Cargo Van Incomplete
12	0.0	31020000	Ford F250 Chassis C 4x2
87	0.0	31021000	Ford F350 Chassis C 4x2
54	0.0	31021026	Ford F350 Chassis C 4x2 Dual Rear Wheels
3	0.0	31022000	Ford F150 Pickup 4x4
142	0.1	31022014	Ford F150 Pickup 4x4 4-Wheel Drive
4	0.0	31022023	Ford F150 Pickup 4x4 Flareside
75	0.0	31022024	Ford F150 Pickup 4x4 Styleside
1	0.0	31023014	Ford F150 Chassis C 4x4 4-Wheel Drive
165	0.1	31024014	Ford F250 Pickup 4x4 4-Wheel Drive
7	0.0	31024024	Ford F250 Pickup 4x4 Styleside
15	0.0	31025014	Ford F350 Chassis C 4x4 4-Wheel Drive
27	0.0	31025026	Ford F350 Chassis C 4x4 Dual Rear Wheels
66	0.0	31026014	Ford F350 Pickup 4x4 4-Wheel Drive
3	0.0	31026026	Ford F350 Pickup 4x4 Dual Rear Wheels
6	0.0	31027014	Ford F250 Chassis C 4x4 4-Wheel Drive
668	0.4	31028000	Ford Ranger Pickup 4x2
76	0.0	31029014	Ford Ranger Pickup 4x4 4-Wheel Drive
37	0.0	31031000	Ford Bronco II 2D 4x4
77	0.0	31032017	Ford Aerostar Van 4x2 Window Wagon
18	0.0	31033002	Ford Aerostar Cargo V 4x2 Cargo Van
3	0.0	31034000	Ford Bronco II 2D 4x2
2	0.0	31035005	Ford E250 Cutaway/Chassis Cutaway
195	0.1	31037005	Ford E350 Cutaway/Chassis Van Cutaway
8	0.0	31037016	Ford E350 Cutaway/Chassis Van Stripped Chassis
32	0.0	31038007	Ford E350 RV Cutaway Van RV Cutaway
81	0.0	31040012	Ford F150 Super PU 4x2 Super Pickup 4x2
15	0.0	31040023	Ford F150 Super PU 4x2 Flareside
337	0.2	31040024	Ford F150 Super PU 4x2 Styleside
72	0.0	31041012	Ford F250 Super PU 4x2 Super Pickup 4x2
7	0.0	31041024	Ford F250 Super PU 4x2 Styleside
12	0.0	31042012	Ford F350 Super PU 4x2 Super Pickup 4x2
3	0.0	31042026	Ford F350 Super PU 4x2 Dual Rear Wheeels
63	0.0	31043015	Ford F350 Crew C PU 4x2 Crew Cab
17	0.0	31043026	Ford F350 Crew C PU 4x2 Dual Rear Wheels
60	0.0	31044013	Ford F150 Super PU 4x4 Super Pickup 4x4
28	0.0	31044023	Ford F150 Super PU 4x4 Flareside
269	0.1	31044024	Ford F150 Super PU 4x4 Styleside
314	0.2	31045013	Ford F250 Super PU 4x4 Super Pickup 4x4
33	0.0	31045024	Ford F250 Super PU 4x4 Styleside
189	0.1	31046015	Ford F350 Crew C PU 4x4 Crew Cab
78	0.0	31046026	Ford F350 Crew C PU 4x4 Dual Rear Wheels
303	0.2	31047018	Ford Ranger Super PU 4x2 Super Cab
90	0.0	31047047	Ford Ranger Super PU 4x2 2-Door
47	0.0	31047048	Ford Ranger Super PU 4x2 4-Door
188	0.1	31048018	Ford Ranger Super PU 4x4 Super Cab
34	0.0	31048047	Ford Ranger Super PU 4x4 2-Door
67	0.0	31048048	Ford Ranger Super PU 4x4 4-Door
71	0.0	31049014	Ford F350 Super PU 4x4 4-Wheel Drive

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

2007	Prcnt	Code	Value and Description
12	0.0	31049026	Ford F350 Super PU 4x4 Dual Rear Wheels
55	0.0	31050000	Ford F-Super Duty C C 4x2
53	0.0	31051017	Ford Aerostar Ext Van 4x2 Window Wagon
1	0.0	31052002	Ford Aerostar Ext CG Van 4x2 Cargo Van
1	0.0	31053017	Ford Aerostar Van 4x4 Window Wagon
9	0.0	31055017	Ford Aerostar Ext Van 4x4 Window Van
53	0.0	31057000	Ford Explorer 2D 4x2
47	0.0	31057034	Ford Explorer 2D 4x2 Sport
172	0.1	31058000	Ford Explorer 2D 4x4
118	0.1	31058034	Ford Explorer 2D 4x4 Sport
94	0.1	31059000	Ford Explorer 4D 4x2
66	0.0	31059031	Ford Explorer 4D 4x2 XLT
6	0.0	31059032	Ford Explorer 4D 4x2 Eddie Bauer
3	0.0	31059033	Ford Explorer 4D 4x2 Limited
66	0.0	31059036	Ford Explorer 4D 4x2 XLS
763	0.4	31060000	Ford Explorer 4D 4x4
116	0.1	31060025	Ford Explorer 4D 4x4 AWD
674	0.4	31060031	Ford Explorer 4D 4x4 XLT
116	0.1	31060032	Ford Explorer 4D 4x4 Eddie Bauer
81	0.0	31060033	Ford Explorer 4D 4x4 Limited
1	0.0	31060035	Ford Explorer 4D 4x4 XL
241	0.1	31060036	Ford Explorer 4D 4x4 XLS
29	0.0	31060037	Ford Explorer 4D 4x4 XLT AWD
12	0.0	31060038	Ford Explorer 4D 4x4 Eddie Bauer AWD
1	0.0	31060040	Ford Explorer 4D 4x4 XLS AWD
9	0.0	31060041	Ford Explorer 4D 4x4 Limited AWD
377	0.2	31061000	Ford Windstar Van
93	0.1	31061028	Ford Windstar Van 3.0L/LX
102	0.1	31061029	Ford Windstar Van SE
70	0.0	31061030	Ford Windstar Van SEL
8	0.0	31061033	Ford Windstar Van Limited
1	0.0	31061034	Ford Windstar Van Sport
166	0.1	31061042	Ford Windstar Van LX
14	0.0	31061044	Ford Windstar Van SE Sport
2	0.0	31061045	Ford Windstar Van SEL Limited
13	0.0	31062000	Ford Windstar Cargo Van
9	0.0	31063000	Ford F53 Motorhome Chassis
24	0.0	31064015	Ford F250 Crew C PU 4x2 Crew Cab
1	0.0	31064024	Ford F250 Crew C PU 4x2 Styleside
179	0.1	31065015	Ford F250 Crew C PU 4x4 Crew Cab
4	0.0	31065024	Ford F250 Crew C PU 4x4 Styleside
2	0.0	31069014	Ford F250 Super CC 4x4 4-Wheel Drive
1	0.0	31070000	Ford F350 Super CC 4x2
1	0.0	31070026	Ford F350 Super CC 4x2 Dual Rear Wheels
1	0.0	31073015	Ford F350 Crew CC 4x2 Crew Cab
12	0.0	31073026	Ford F350 Crew CC 4x2 Dual Rear Wheels
1	0.0	31074015	Ford F350 Crew CC 4x4 Crew Cab
4	0.0	31074026	Ford F350 Crew CC 4x4 Dual Rear Wheels
17	0.0	31075000	Ford Expedition 4D 4x2
62	0.0	31075031	Ford Expedition 4D 4x2 XLT
19	0.0	31075032	Ford Expedition 4D 4x2 Eddie Bauer
3	0.0	31075033	Ford Expedition 4D 4x2 Limited

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
4	0.0	31075036	Ford Expedition 4D 4x2 XLS
392	0.2	31076000	Ford Expedition 4D 4x4
315	0.2	31076031	Ford Expedition 4D 4x4 XLT
240	0.1	31076032	Ford Expedition 4D 4x4 Eddie Bauer
15	0.0	31076033	Ford Expedition 4D 4x4 Limited
7	0.0	31076036	Ford Expedition 4D 4x4 XLS
6	0.0	31077024	Ford F250 PU 4x2 LD Styleside
4	0.0	31079024	Ford F250 SUP PU 4x2 LD Styleside
4	0.0	31081024	Ford F250 PU 4x4 LD Styleside
12	0.0	31083024	Ford F250 SUP PU 4x4 LD Styleside
16	0.0	31085007	Ford E450 RV Cutaway Van RV Cutaway
270	0.1	31086005	Ford E450 RV Cutaway/Chass Van Cutaway
2	0.0	31086016	Ford E450 RV Cutaway/Chass Van Stripped Chassis
3	0.0	31087014	Ford F350 Super CC 4x4 4-Wheel Drive
11	0.0	31087026	Ford F350 Super CC 4x4 Dual Rear Wheels
112	0.1	31088026	Ford F450 Chassis C 4x2 Dual Rear Wheels
108	0.1	31089026	Ford F450 Chassis C 4x4 Dual Rear Wheels
25	0.0	31090026	Ford F450 Crew CC 4x2 Dual Rear Wheels
18	0.0	31091026	Ford F450 Crew CC 4x4 Dual Rear Wheels
55	0.0	31092026	Ford F550 Chassis C 4x2 Dual Rear Wheels
25	0.0	31093026	Ford F550 Chassis C 4x4 Dual Rear Wheels
20	0.0	31094026	Ford F550 Crew CC 4x2 Dual Rear Wheels
28	0.0	31095026	Ford F550 Crew CC 4x4 Dual Rear Wheels
33	0.0	31097026	Ford F650 Chassis C 4x2 Dual Rear Wheels
15	0.0	31098026	Ford F650 Super CC 4x2 Dual Rear Wheels
8	0.0	31099026	Ford F650 Crew CC 4x2 Dual Rear Wheels
23	0.0	31100026	Ford F750 Chassis C 4x2 Dual Rear Wheels
6	0.0	31101026	Ford F750 Super CC 4x2 Dual Rear Wheels
3	0.0	31102026	Ford F750 Crew CC 4x2 Dual Rear Wheels
7	0.0	31103031	Ford Excursion 4D 4x2 XLT
3	0.0	31103033	Ford Excursion 4D 4x2 Limited
27	0.0	31104031	Ford Excursion 4D 4x4 XLT
7	0.0	31104032	Ford Excursion 4D 4x4 Eddie Bauer
66	0.0	31104033	Ford Excursion 4D 4x4 Limited
15	0.0	31105039	Ford Explorer Chassis 4x2 Right Hand Drive
35	0.0	31106000	Ford Explorer SPT Trac 4x2
3	0.0	31106031	Ford Explorer SPT Trac 4x2 XLT
111	0.1	31107000	Ford Explorer SPT Trac 4x4
4	0.0	31107031	Ford Explorer SPT Trac 4x4 XLT
4	0.0	31107033	Ford Explorer SPT Trac 4x4 Limited
65	0.0	31108043	Ford F150 Crew C PU 4x2 Super Crew
269	0.1	31109043	Ford F150 Crew C PU 4x4 Super Crew
104	0.1	31112031	Ford Escape 4D 2WD XLT
8	0.0	31112033	Ford Escape 4D 2WD Limited
81	0.0	31112036	Ford Escape 4D 2WD XLS
220	0.1	31113031	Ford Escape 4D 4WD XLT
39	0.0	31113033	Ford Escape 4D 4WD Limited
83	0.0	31113036	Ford Escape 4D 4WD XLS
36	0.0	31114026	Ford F800 CC 4x2 Dual Rear Wheels
1	0.0	31115039	Ford Explorer Chassis 4x4 Right Hand Drive
1	0.0	31116005	Ford E550 Cutaway/Chass Van Cutaway
2	0.0	31118026	Ford F450 Crew C PU 4x4 Dual Rear Wheels

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

2007	Prcnt	Code	Value and Description
4	0.0	31119026	Ford F450 Super CC 4x2 Dual Rear Wheels
2	0.0	31120026	Ford F450 Super CC 4x4 Dual Rear Wheels
1	0.0	31121026	Ford F550 Super CC 4x2 Dual Rear Wheels
1	0.0	31122026	Ford F550 Super CC 4x4 Dual Rear Wheels
3	0.0	31133000	Ford Escape Hybrid 4D 2WD
28	0.0	31134000	Ford Escape Hybrid 4D 4WD
119	0.1	31135029	Ford Freestar Van SE
35	0.0	31135030	Ford Freestar Van SEL
12	0.0	31135033	Ford Freestar Van Limited
16	0.0	31135051	Ford Freestar Van SES/Sport
15	0.0	31135052	Ford Truck Freestar Van S
6	0.0	31136029	Ford Freestyle 4D 2WD SE
19	0.0	31136030	Ford Freestyle 4D 2WD SEL
3	0.0	31136033	Ford Freestyle 4D 2WD Limited
10	0.0	31137029	Ford Freestyle 4D 4WD SE
13	0.0	31137030	Ford Freestyle 4D 4WD SEL
15	0.0	31137033	Ford Freestyle 4D 4WD Limited
2	0.0	31138031	Ford Expedition EL 4D 4x2 XLT
1	0.0	31138032	Ford Expedition EL 4D 4x2 Eddie Bauer
2	0.0	31139032	Ford Expedition EL 4D 4x4 Eddie Bauer
3	0.0	31139033	Ford Expedition EL 4D 4x4 Limited
1	0.0	31140023	Ford F150 Pickup 4x2 Flareside
154	0.1	31140024	Ford F150 Pickup 4x2 Styleside
3	0.0	31141023	Ford F150 Pickup 4x4 Flareside
31	0.0	31141024	Ford F150 Pickup 4x4 Styleside
5	0.0	31142023	Ford F150 Super PU 4x2 Flareside
94	0.1	31142024	Ford F150 Super PU 4x2 Styleside
7	0.0	31143023	Ford F150 Super PU 4x4 Flareside
195	0.1	31143024	Ford F150 Super PU 4x4 Styleside
7	0.0	31148000	Ford Freestar CG Van
3	0.0	31150026	Ford Truck Low Cab Forward 450 4X2 Dual Rear Wheels
2	0.0	31152029	Ford Truck Edge 4D 2WD SE
1	0.0	31152030	Ford Truck Edge4D 2WD SEL
3	0.0	31152053	Ford Truck Edge4D 2WD SEL Plus
5	0.0	31153029	Ford Truck Edge4D 4WD SE
5	0.0	31153030	Ford Truck Edge4D 4WD SEL
5	0.0	31153053	Ford Truck Edge4D 4WD SEL Plus
3	0.0	31154030	Ford Truck Taurus X 4D 2WD SEL
6	0.0	31160026	Ford Truck F700 CC 4x2 Dual Rear Wheels
8	0.0	31161000	Ford Truck LN8000 CC 4x2
440	0.2	32000000	Dodge Truck Unknown Series Model
1	0.0	32002001	Dodge B200 Van Sportsman
1	0.0	32002002	Dodge B200 Van Tradesman
2	0.0	32006000	Dodge AW100 Ramcharger 2D 4x4
1	0.0	32008000	Dodge D/W 100/150 PU 1/2T
1	0.0	32009000	Dodge D200/W200 PU 3/4T
1	0.0	32011000	Dodge Ram50/D50 PU SH 4x2
2	0.0	32011003	Dodge Ram50/D50 PU SH 4x2 Sport
1	0.0	32012003	Dodge AD150 Ramcharger 2D 4x2 Sport
8	0.0	32013003	Dodge AW150 Ramcharger 2D 4x4 Sport
17	0.0	32014010	Dodge B150/B1500 Van Wagon
199	0.1	32015004	Dodge Ram 1500 PU 4x2 Conventional Cab

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
3	0.0	32016007	Dodge B250/B2500 Van Bus
16	0.0	32016010	Dodge B250/B2500 Van Wagon
47	0.0	32017008	Dodge B150/B1500 CG Van Incomplete
63	0.0	32017009	Dodge B150/B1500 CG Van Truck
17	0.0	32018004	Dodge Ram 2500 PU 4x2 Conventional Cab
69	0.0	32019008	Dodge B250/B2500 CG Van Incomplete
71	0.0	32019009	Dodge B250/B2500 CG Van Truck
74	0.0	32020007	Dodge B350/B3500 Van Bus
2	0.0	32021008	Dodge B350/B3500 CG Van Incomplete
33	0.0	32021009	Dodge B350/B3500 CG Van Truck
3	0.0	32022004	Dodge Ram 3500 PU 4x2 Conventional Cab
1	0.0	32022047	Dodge Ram 3500 PU 4x2 Dual Rear Wheels
6	0.0	32023004	Dodge Ram 2500 CC 4x2 Conventional Cab
47	0.0	32024004	Dodge D100/D150 Pickup Conventional Cab
1	0.0	32025004	Dodge D250 Chassis Cab 4x2 Conventional Cab
14	0.0	32026004	Dodge D250 Pickup 4x2 Conventional Cab
3	0.0	32027004	Dodge D350 Chassis Cab 4x2 Conventional Cab
2	0.0	32028004	Dodge D350 Pickup 4x2 Conventional Cab
16	0.0	32029004	Dodge W100/W150 Pickup 4x4 Conventional Cab
4	0.0	32031004	Dodge W250 Pickup 4x4 Conventional Cab
18	0.0	32036018	Dodge Caravan CG Van 2WD Caravan C/V
315	0.2	32037000	Dodge Caravan Van 2WD
13	0.0	32037003	Dodge Caravan Van 2WD Sport
298	0.2	32037013	Dodge Caravan Van 2WD SE
14	0.0	32037014	Dodge Caravan Van 2WD LE
9	0.0	32037025	Dodge Caravan Van 2WD LE/ES
69	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
7	0.0	32038004	Dodge Ram 3500 CC 4x2 Conventional Cab
1	0.0	32038047	Dodge Ram 3500 CC 4x2 Dual Rear Wheels
165	0.1	32039000	Dodge Dakota Pickup 4x2
6	0.0	32039003	Dodge Dakota Pickup 4x2 Sport
8	0.0	32039027	Dodge Dakota Pickup 4x2 Base/Sport/LE
1	0.0	32039037	Dodge Dakota Pickup 4x2 SLT
3	0.0	32039044	Dodge Dakota Pickup 4x2 Sport/R/T
11	0.0	32039045	Dodge Dakota Pickup 4x2 Base/SXT
10	0.0	32039051	Dodge Dakota Pickup 4x2 SXT
24	0.0	32040000	Dodge Dakota Pickup 4x4
5	0.0	32040003	Dodge Dakota Pickup 4x4 Sport
3	0.0	32040037	Dodge Dakota Pickup 4x4 SLT
1	0.0	32040051	Dodge Dakota Pickup 4x4 SXT
2	0.0	32041000	Dodge Ram 50 PU Long 4x2
1	0.0	32044005	Dodge D250 Club C PU 4x2 2-Door Club Cab
2	0.0	32050005	Dodge W250 Club C PU 4x4 2-Door Club Cab
75	0.0	32054000	Dodge Grand Caravan 2WD
178	0.1	32054003	Dodge Grand Caravan 2WD Sport
385	0.2	32054013	Dodge Grand Caravan 2WD SE
43	0.0	32054014	Dodge Grand Caravan 2WD LE
29	0.0	32054024	Dodge Grand Caravan 2WD Base/SE
71	0.0	32054025	Dodge Grand Caravan 2WD LE/ES
255	0.1	32054028	Dodge Grand Caravan 2WD SE/Sport

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

2007	Prcnt	Code	Value and Description
28	0.0	32054031	Dodge Grand Caravan 2WD ES
30	0.0	32054032	Dodge Grand Caravan 2WD EX
6	0.0	32054042	Dodge Grand Caravan 2WD EL
187	0.1	32054051	Dodge Grand Caravan 2WD SXT
1	0.0	32055000	Dodge Ram 50 PU Ext C 4x2
1	0.0	32055003	Dodge Ram 50 PU Ext C 4x2 Sport
7	0.0	32057018	Dodge Caravan Ext Cargo Van 2WD Caravan C/V
179	0.1	32059005	Dodge Dakota Club PU 4x2 2-Door Club Cab
11	0.0	32059035	Dodge Dakota Club PU 4x2 Club Cab SLT
7	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
11	0.0	32059048	Dodge Dakota Club PU 4x2 Club Cab SXT
8	0.0	32059049	Dodge Dakota Club PU 4x2 Club Cab Sport
3	0.0	32059053	Dodge Dakota Club PU 4x2 Club Cab
20	0.0	32059056	Dodge Dakota Club PU 4x2 Club Cab ST
1	0.0	32059057	Dodge Dakota Club PU 4x2 Club Cab SLT Laramie
1	0.0	32062013	Dodge Caravan Van 4WD SE
5	0.0	32063003	Dodge Grand Caravan 4WD Sport
6	0.0	32063013	Dodge Grand Caravan 4WD SE
3	0.0	32063014	Dodge Grand Caravan 4WD LE
5	0.0	32063025	Dodge Grand Caravan 4WD LE/SE
7	0.0	32063031	Dodge Grand Caravan 4WD ES
123	0.1	32064005	Dodge Dakota Club PU 4x4 2-Door Club Cab
34	0.0	32064035	Dodge Dakota Club PU 4x4 Club Cab SLT
3	0.0	32064036	Dodge Dakota Club PU 4x4 Club Cab Sport/R/T
9	0.0	32064046	Dodge Dakota Club PU 4x4 Club Cab Base/SXT
3	0.0	32064048	Dodge Dakota Club PU 4x4 Club Cab SXT
8	0.0	32064049	Dodge Dakota Club PU 4x4 Club Cab Sport
3	0.0	32064053	Dodge Dakota Club PU 4x4 Club Cab
13	0.0	32064056	Dodge Dakota Club PU 4x4 Club Cab ST
2	0.0	32064057	Dodge Dakota Club PU 4x4 Club Cab Laramie
115	0.1	32067004	Dodge Ram 1500 PU 4x4 Conventional Cab
38	0.0	32068004	Dodge Ram 2500 PU 4x4 Conventional Cab
2	0.0	32069004	Dodge Ram 3500 PU 4x4 Conventional Cab
1	0.0	32069047	Dodge Ram 3500 PU 4x4 Dual Rear Wheels
4	0.0	32071004	Dodge Ram 3500 CC 4x4 Conventional Cab
53	0.0	32072005	Dodge Ram 1500 Club C PU 4x2 2-Door Club Cab
66	0.0	32072029	Dodge Ram 1500 Club C PU 4x2 4-Door Club Cab
7	0.0	32073005	Dodge Ram 2500 Club C PU 4x2 2-Door Club Cab
9	0.0	32073029	Dodge Ram 2500 Club C PU 4x2 4-Door Club Cab
2	0.0	32074005	Dodge Ram 3500 Club C PU 4x2 2-Door Club Cab
5	0.0	32074029	Dodge Ram 3500 Club C PU 4x2 4-Door Club Cab
68	0.0	32075005	Dodge Ram 1500 Club C PU 4x4 2-Door Club Cab
169	0.1	32075029	Dodge Ram 1500 Club C PU 4x4 4-Door Club Cab
26	0.0	32076005	Dodge Ram 2500 Club C PU 4x4 2-Door Club Cab
59	0.0	32076029	Dodge Ram 2500 Club C PU 4x4 4-Door Club Cab
3	0.0	32077005	Dodge Ram 3500 Club C PU 4x4 2-Door Club Cab
24	0.0	32077029	Dodge Ram 3500 Club C PU 4x4 4-Door Club Cab
363	0.2	32078000	Dodge Durango 4D 4x4
20	0.0	32078003	Dodge Durango 4D 4x4 Sport
161	0.1	32078037	Dodge Durango 4D 4x4 SLT
41	0.0	32078039	Dodge Durango 4D 4x4 SLT Plus



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
6	0.0	32078040	Dodge Durango 4D 4x4 R/T
12	0.0	32078043	Dodge Durango 4D 4x4 Sport/SXT
16	0.0	32078051	Dodge Durango 4D 4x4 SXT
19	0.0	32078054	Dodge Durango 4D 4x4 ST
33	0.0	32078055	Dodge Durango 4D 4x4 Limited
1	0.0	32078060	Dodge Durango 4D 4x4 SLT/Adventurer
22	0.0	32079000	Dodge Durango 4D 4x2
8	0.0	32079003	Dodge Durango 4D 4x2 Sport
11	0.0	32079037	Dodge Durango 4D 4x2 SLT
1	0.0	32079039	Dodge Durango 4D 4x2 SLT Plus
5	0.0	32079043	Dodge Durango 4D 4x2 Sport/SXT
5	0.0	32079051	Dodge Durango 4D 4x2 SXT
1	0.0	32079054	Dodge Durango 4D 4x2 ST
5	0.0	32079055	Dodge Durango 4D 4x2 Limited
32	0.0	32080033	Dodge Dakota Crew Cab PU 4x2 Quad Cab SLT
8	0.0	32080034	Dodge Dakota Crew Cab PU 4x2 Quad Cab Sport/R/T
18	0.0	32080038	Dodge Dakota Crew Cab PU 4x2 Quad Cab
14	0.0	32080052	Dodge Dakota Crew Cab PU 4x2 Quad Cab Sport
6	0.0	32080058	Dodge Dakota Crew Cab PU 4x2 Quad Cab ST
65	0.0	32081033	Dodge Dakota Crew Cab PU 4x4 Quad Cab SLT
11	0.0	32081034	Dodge Dakota Crew Cab PU 4x4 Quad Cab Sport/R/T
23	0.0	32081038	Dodge Dakota Crew Cab PU 4x4 Quad Cab
19	0.0	32081052	Dodge Dakota Crew Cab PU 4x4 Quad Cab Sport
9	0.0	32081058	Dodge Dakota Crew Cab PU 4x4 Quad Cab ST
3	0.0	32081059	Dodge Dakota Crew Cab PU 4x4 Quad Cab Laramie
1	0.0	32081064	Dodge Dakota Crew Cab PU 4x4 Quad Cab SXT
102	0.1	32082038	Dodge Ram 1500 CR C PU 4x2 Quad Cab
279	0.2	32083038	Dodge Ram 1500 CR C PU 4x4 Quad Cab
8	0.0	32084038	Dodge Ram 2500 Crew C PU 4x2 Quad Cab
95	0.1	32085038	Dodge Ram 2500 Crew C PU 4x4 Quad Cab
6	0.0	32086047	Dodge Ram 3500 Crew C PU 4x2 Dual Rear Wheels
10	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
1	0.0	32091047	Dodge Ram 3500 Crew CC 4x4 Dual Rear Wheels
39	0.0	32092000	Dodge Sprinter CG Van 2500
8	0.0	32093000	Dodge Sprinter CG Van 3500
3	0.0	32094000	Dodge Sprinter Van 2500
2	0.0	32095000	Dodge Sprinter Chassis 2500
4	0.0	32096000	Dodge Sprinter Chassis 3500
1	0.0	32097000	Dodge Ram 1500 Mega Cab Pickup 4x2
6	0.0	32098000	Dodge Ram 1500 Mega Cab Pickup 4x4
1	0.0	32099000	Dodge Ram 2500 Mega Cab Pickup 4x2
1	0.0	32100000	Dodge Ram 2500 Mega Cab Pickup 4x4
3	0.0	32102047	Dodge Ram 3500 Mega Cab Pickup 4x4 Dual Rear Wheels
6	0.0	32103051	Dodge Nitro 4D 2WD SXT
1	0.0	32103061	Dodge Nitro 4D 2WD SLT/R/T
10	0.0	32104051	Dodge Nitro 4D 4WD SXT
7	0.0	32104061	Dodge Nitro 4D 4WD SLT/R/T
167	0.1	33000000	Chry/Plym Truck Unknown Series Model
252	0.1	33017000	Chry/Plym Truck Voyager Van 2WD
51	0.0	33017004	Chry/Plym Truck Voyager Van 2WD SE

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

2007	Prcnt	Code	Value and Description
7	0.0	33017005	Chry/Plym Truck Voyager Van 2WD LE
20	0.0	33017009	Chry/Plym Truck Voyager Van 2WD LX
13	0.0	33017012	Chry/Plym Truck Voyager Van 2WD SE/Expresso
2	0.0	33017018	Chry/Plym Truck Voyager Van 2WD EC
52	0.0	33018000	Chry/Plym Truck Grand Voyager 2WD
122	0.1	33018004	Chry/Plym Truck Grand Voyager 2WD SE
32	0.0	33018005	Chry/Plym Truck Grand Voyager 2WD LE
18	0.0	33018008	Chry/Plym Truck Grand Voyager 2WD Base/SE
74	0.0	33018012	Chry/Plym Truck Grand Voyager 2WD SE/Expresso
30	0.0	33019000	Chry/Plym Truck Town & Country LWB 2WD
181	0.1	33019009	Chry/Plym Truck Town & Country LWB 2WD LX
99	0.1	33019010	Chry/Plym Truck Town & Country LWB 2WD LXI
13	0.0	33019013	Chry/Plym Truck Town & Country LWB 2WD LX/LXI
75	0.0	33019014	Chry/Plym Truck Town & Country LWB 2WD Limited
15	0.0	33019016	Chry/Plym Truck Town & Country LWB 2WD EX
84	0.0	33019017	Chry/Plym Truck Town & Country LWB 2WD Touring
6	0.0	33019019	Chry/Plym Truck Town & Country LWB 2WD EL
10	0.0	33019020	Chry/Plym Truck Town & Country LWB 2WD EX/Touring
1	0.0	33021005	Chry/Plym Truck Grand Voyager 4WD LE
2	0.0	33022000	Chry/Plym Truck Town & Country LWB 4WD
1	0.0	33022009	Chry/Plym Truck Town & Country LWB 4WD LX
9	0.0	33022010	Chry/Plym Truck Town & Country LWB 4WD LXI
4	0.0	33022013	Chry/Plym Truck Town & Country LWB 4WD LX/LXI
12	0.0	33022014	Chry/Plym Truck Town & Country LWB 4WD Limited
1	0.0	33022017	Chry/Plym Truck Town & Country LWB 4WD Touring
82	0.0	33023000	Chry/Plym Truck Town & Country SWB 2WD
2	0.0	33023009	Chry/Plym Truck Town & Country SWB 2WD LX
249	0.1	33024000	Chry/Plym Truck PT Cruiser 4D
21	0.0	33024003	Chry/Plym Truck PT Cruiser 4D GT
85	0.0	33024014	Chry/Plym Truck PT Cruiser 4D Limited
118	0.1	33024017	Chry/Plym Truck PT Cruiser 4D Touring
50	0.0	33025000	Chry/Plym Truck Pacifica 4D 4WD
12	0.0	33025014	Chry/Plym Truck Pacifica 4D 4WD Limited
34	0.0	33025017	Chry/Plym Truck Pacifica 4D 4WD Touring
38	0.0	33026000	Chry/Plym Truck Pacifica 4D 2WD
56	0.0	33026017	Chry/Plym Truck Pacifica 4D 2WD Touring
12	0.0	33028014	Chry/Plym Truck Aspen 4D 4x4 Limited
273	0.1	34000000	Jeep Unknown Series Model
4	0.0	34002006	Jeep Wagoneer/Grand Wagoneer 4D 4x4 Grand Wagoneer
3	0.0	34007000	Jeep DJ5/CJ5 Roadster 2D 4x4
8	0.0	34008000	Jeep CJ-7 Roadster 2D 4x4
1	0.0	34009000	Jeep Scrambler Pickup 4x4
2	0.0	34010000	Jeep Wagoneer 4D 4x4
6	0.0	34010008	Jeep Wagoneer 4D 4x4 Limited
1	0.0	34012007	Jeep Comanche PU Long 4x2 Custom
1	0.0	34013000	Jeep Comanche PU Long 4x4
2	0.0	34013007	Jeep Comanche PU Long 4x4 Custom
25	0.0	34014000	Jeep Wrangler 2D SWB 4x4
1	0.0	34014009	Jeep Wrangler 2D SWB 4x4 Laredo
2	0.0	34014010	Jeep Wrangler 2D SWB 4x4 Islander
52	0.0	34014011	Jeep Wrangler 2D SWB 4x4 Sahara
146	0.1	34014015	Jeep Wrangler 2D SWB 4x4 Sport

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
27	0.0	34014017	Jeep Wrangler 2D SWB 4x4 S
5	0.0	34014018	Jeep Wrangler 2D SWB 4x4 Base/Sport
2	0.0	34014019	Jeep Wrangler 2D SWB 4x4 Right Hand Drive
102	0.1	34014020	Jeep Wrangler 2D SWB 4x4 SE
86	0.0	34014028	Jeep Wrangler 2D SWB 4x4 X
17	0.0	34014032	Jeep Wrangler 2D SWB 4x4 Rubicon
3	0.0	34015000	Jeep Comanche PU Short 4x2
2	0.0	34015005	Jeep Comanche PU Short 4x2 Pioneer
1	0.0	34015012	Jeep Comanche PU Short 4x2 Eliminator
1	0.0	34016000	Jeep Comanche PU Short 4x4
1	0.0	34019000	Jeep Cherokee 2D 4x2
4	0.0	34019015	Jeep Cherokee 2D 4x2 Sport
6	0.0	34019020	Jeep Cherokee 2D 4x2 SE
3	0.0	34020000	Jeep Cherokee 4D 4x2
1	0.0	34020008	Jeep Cherokee 4D 4x2 Limited
1	0.0	34020009	Jeep Cherokee 4D 4x2 Laredo
15	0.0	34020015	Jeep Cherokee 4D 4x2 Sport
1	0.0	34020016	Jeep Cherokee 4D 4x2 Country
11	0.0	34020020	Jeep Cherokee 4D 4x2 SE
3	0.0	34020025	Jeep Cherokee 4D 4x2 Sport/Classic/Limited
3	0.0	34020027	Jeep Cherokee 4D 4x2 Sport/Classic
13	0.0	34021000	Jeep Cherokee 2D 4x4
4	0.0	34021009	Jeep Cherokee 2D 4x4 Laredo
15	0.0	34021015	Jeep Cherokee 2D 4x4 Sport
1	0.0	34021016	Jeep Cherokee 2D 4x4 Country
14	0.0	34021020	Jeep Cherokee 2D 4x4 SE
4	0.0	34021027	Jeep Cherokee 2D 4x4 Sport/Classic
35	0.0	34022000	Jeep Cherokee 4D 4x4
18	0.0	34022003	Jeep Cherokee 4D 4x4 Classic
9	0.0	34022004	Jeep Cherokee 4D 4x4 Classic/Limited
4	0.0	34022005	Jeep Cherokee 4D 4x4 Pioneer
28	0.0	34022008	Jeep Cherokee 4D 4x4 Limited
49	0.0	34022009	Jeep Cherokee 4D 4x4 Laredo
1	0.0	34022013	Jeep Cherokee 4D 4x4 Briarwood
247	0.1	34022015	Jeep Cherokee 4D 4x4 Sport
42	0.0	34022016	Jeep Cherokee 4D 4x4 Country
4	0.0	34022019	Jeep Cherokee 4D 4x4 Right Hand Drive
72	0.0	34022020	Jeep Cherokee 4D 4x4 SE
77	0.0	34022025	Jeep Cherokee 4D 4x4 Sport/Classic/Limited
72	0.0	34022027	Jeep Cherokee 4D 4x4 Sport/Classic
8	0.0	34023008	Jeep Grand Cherokee 4D 4x2 Limited
36	0.0	34023009	Jeep Grand Cherokee 4D 4x2 Laredo
9	0.0	34023022	Jeep Grand Cherokee 4D 4x2 Laredo/TSI
3	0.0	34023026	Jeep Grand Cherokee 4D 4x2 Special Edition
2	0.0	34024000	Jeep Grand Cherokee 4D 4x4
404	0.2	34024008	Jeep Grand Cherokee 4D 4x4 Limited
966	0.5	34024009	Jeep Grand Cherokee 4D 4x4 Laredo
8	0.0	34024015	Jeep Grand Cherokee 4D 4x4 Sport
2	0.0	34024021	Jeep Grand Cherokee 4D 4x4 Base/Sport/Grand Wagoneer
178	0.1	34024022	Jeep Grand Cherokee 4D 4x4 Laredo/TSI
38	0.0	34024023	Jeep Grand Cherokee 4D 4x4 Limited/Orvis
11	0.0	34024024	Jeep Grand Cherokee 4D 4x4 5.9 Limited

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

2007	Prcnt	Code	Value and Description
27	0.0	34024026	Jeep Grand Cherokee 4D 4x4 Special Edition
24	0.0	34024029	Jeep Grand Cherokee 4D 4x4 Overland
4	0.0	34024031	Jeep Grand Cherokee 4D 4x4 SRT-8
4	0.0	34025008	Jeep Liberty 4D 4x2 Limited
24	0.0	34025015	Jeep Liberty 4D 4x2 Sport
158	0.1	34026008	Jeep Liberty 4D 4x4 Limited
25	0.0	34026014	Jeep Liberty 4D 4x4 Renegade
373	0.2	34026015	Jeep Liberty 4D 4x4 Sport
18	0.0	34027030	Jeep Wrangler 2D LWB 4x4 Unlimited
5	0.0	34027032	Jeep Wrangler 2D LWB 4x4 Rubicon
1	0.0	34028000	Jeep Commander 4D 4x2
1	0.0	34028008	Jeep Commander 4D 4x2 Limited
2	0.0	34028015	Jeep Commander 4D 4x2 Sport
30	0.0	34029000	Jeep Commander 4D 4x4
22	0.0	34029008	Jeep Commander 4D 4x4 Limited
9	0.0	34029015	Jeep Commander 4D 4x4 Sport
2	0.0	34029029	Jeep Commander 4D 4x4 Overland
4	0.0	34030008	Jeep Compass 4D 4WD Limited
15	0.0	34030015	Jeep Compass 4D 4WD Sport
2	0.0	34031008	Jeep Compass 4D 2WD Limited
16	0.0	34031015	Jeep Compass 4D 2WD Sport
3	0.0	34032015	Jeep Patriot 4D 2WD Sport
4	0.0	34033008	Jeep Patriot 4D 4WD Limited
9	0.0	34033015	Jeep Patriot 4D 4WD Sport
2	0.0	34034033	Jeep Wrangler 4D 4x2 Unlimited X
2	0.0	34034034	Jeep Wrangler 4D 4x2 Unlimited Sahara
10	0.0	34035033	Jeep Wrangler 4D 4x4 Unlimited X
11	0.0	34035034	Jeep Wrangler 4D 4x4 Unlimited Sahara
2	0.0	34035035	Jeep Wrangler 4D 4x4 Unlimited Rubicon
1	0.0	35000000	International Unknown Series Model
1	0.0	35003001	International Scout II Traveltop 4x4
116	0.1	36000000	Mercedes Benz Unknown Series Model
5	0.0	36001000	Mercedes Benz 240 D 4D
2	0.0	36002000	Mercedes Benz 300 CD 2D
20	0.0	36003000	Mercedes Benz 300 D 4D
6	0.0	36003004	Mercedes Benz 300 D 4D 2.5L
4	0.0	36004000	Mercedes Benz 300 TD SW
1	0.0	36005000	Mercedes Benz 280 CE 2D
2	0.0	36009000	Mercedes Benz 380 SEL 4D
8	0.0	36010000	Mercedes Benz 300 SD 4D
1	0.0	36011000	Mercedes Benz 380 SEC 2D
3	0.0	36012000	Mercedes Benz 380 SE 4D
2	0.0	36013002	Mercedes Benz 190 D 4D 2.2L
1	0.0	36013006	Mercedes Benz 190 D 4D 2.5L Turbo
23	0.0	36014003	Mercedes Benz 190 E 4D 2.3L
21	0.0	36014005	Mercedes Benz 190 E 4D 2.6L
3	0.0	36015000	Mercedes Benz 500 SEL 4D
46	0.0	36017000	Mercedes Benz 300 E 4D 2WD
4	0.0	36017005	Mercedes Benz 300 E 4D 2WD 2.6L
5	0.0	36017008	Mercedes Benz 300 E 4D 2WD 2.8L
11	0.0	36018000	Mercedes Benz 420 SEL 4D
6	0.0	36019000	Mercedes Benz 560 SEL 4D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
1	0.0	36020000	Mercedes Benz 560 SEC 2D
4	0.0	36021001	Mercedes Benz 560 SL Conv Roadster
6	0.0	36023000	Mercedes Benz 300 SDL 4D
9	0.0	36024000	Mercedes Benz 260 E 4D
5	0.0	36025000	Mercedes Benz 300 CE 2D
6	0.0	36026000	Mercedes Benz 300 TE SW 2WD
14	0.0	36028000	Mercedes Benz 300 SE 4D
2	0.0	36029001	Mercedes Benz 300 SL Conv Roadster
4	0.0	36030001	Mercedes Benz 500 SL Conv Roadster
1	0.0	36031000	Mercedes Benz 300 E 4D 4WD
1	0.0	36032000	Mercedes Benz 300 TE SW 4WD
1	0.0	36034000	Mercedes Benz 350 SD 4D
2	0.0	36035000	Mercedes Benz 400 E 4D
4	0.0	36037000	Mercedes Benz 400 SE 4D
1	0.0	36040000	Mercedes Benz 400 SEL 4D
28	0.0	36042009	Mercedes Benz C Class 4D 2WD 220
68	0.0	36042010	Mercedes Benz C Class 4D 2WD 280
38	0.0	36042011	Mercedes Benz C Class 4D 2WD 320
1	0.0	36042017	Mercedes Benz C Class 4D 2WD 36 AMG
121	0.1	36042018	Mercedes Benz C Class 4D 2WD 230
3	0.0	36042022	Mercedes Benz C Class 4D 2WD 43
1	0.0	36042024	Mercedes Benz C Class 4D 2WD 55 AMG
53	0.0	36042026	Mercedes Benz C Class 4D 2WD 240
1	0.0	36042027	Mercedes Benz C Class 4D 2WD 32 AMG
3	0.0	36042033	Mercedes Benz C Class 4D 2WD 350
203	0.1	36043011	Mercedes Benz E Class 4D 2WD 320
21	0.0	36043012	Mercedes Benz E Class 4D 2WD 420
10	0.0	36043013	Mercedes Benz E Class 4D 2WD 500
10	0.0	36043016	Mercedes Benz E Class 4D 2WD 300D
8	0.0	36043020	Mercedes Benz E Class 4D 2WD 300DT
23	0.0	36043021	Mercedes Benz E Class 4D 2WD 430
6	0.0	36043024	Mercedes Benz E Class 4D 2WD 55 AMG
13	0.0	36043031	Mercedes Benz E Class 4D 2WD 320CDI
9	0.0	36043033	Mercedes Benz E Class 4D 2WD 350
1	0.0	36043037	Mercedes Benz E Class 4D 2WD 320 Bluetec
1	0.0	36044011	Mercedes Benz E Class 2D 2WD 320
3	0.0	36045011	Mercedes Benz E Class Conv 2WD 320
7	0.0	36046011	Mercedes Benz E Class SW 2WD 320
14	0.0	36047011	Mercedes Benz S Class LWB 4D 2WD 320
14	0.0	36047012	Mercedes Benz S Class LWB 4D 2WD 420
51	0.0	36047013	Mercedes Benz S Class LWB 4D 2WD 500
3	0.0	36047014	Mercedes Benz S Class LWB 4D 2WD 600
47	0.0	36047021	Mercedes Benz S Class LWB 4D 2WD 430
2	0.0	36047024	Mercedes Benz S Class LWB 4D 2WD 55 AMG
9	0.0	36047034	Mercedes Benz S Class LWB 4D 2WD 550
9	0.0	36048011	Mercedes Benz S Class SWB 4D 2WD 320
1	0.0	36048015	Mercedes Benz S Class SWB 4D 2WD 350TD
1	0.0	36049013	Mercedes Benz S Class 2D 2WD 500
3	0.0	36050011	Mercedes Benz SL Class Conv 320
26	0.0	36050013	Mercedes Benz SL Class Conv 500
1	0.0	36050024	Mercedes Benz SL Class Conv 55 AMG
3	0.0	36050034	Mercedes Benz SL Class Conv 550

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

2007	Prcnt	Code	Value and Description
6	0.0	36051010	Mercedes Benz SLK Class Conv 280
7	0.0	36051011	Mercedes Benz SLK Class Conv 320
24	0.0	36051018	Mercedes Benz SLK Class Conv 230
6	0.0	36051033	Mercedes Benz SLK Class Conv 350
35	0.0	36052011	Mercedes Benz E Class 4D 4WD 320
7	0.0	36052013	Mercedes Benz E Class 4D 4WD 500
6	0.0	36052021	Mercedes Benz E Class 4D 4WD 430
15	0.0	36052033	Mercedes Benz E Class 4D 4WD 350
2	0.0	36052034	Mercedes Benz E Class 4D 4WD 550
11	0.0	36053011	Mercedes Benz E Class SW 4WD 320
1	0.0	36053033	Mercedes Benz E Class SW 4WD 350
35	0.0	36054011	Mercedes Benz CLK Class 2D 320
5	0.0	36054013	Mercedes Benz CLK Class 2D 500
20	0.0	36054021	Mercedes Benz CLK Class 2D 430
4	0.0	36054024	Mercedes Benz CLK Class 2D 55 AMG
3	0.0	36054033	Mercedes Benz CLK Class 2D 350
11	0.0	36055013	Mercedes Benz CL Class 2D 500
3	0.0	36055014	Mercedes Benz CL Class 2D 600
147	0.1	36056019	Mercedes Benz M Class 4D 4x4 ML320
32	0.0	36056023	Mercedes Benz M Class 4D 4x4 ML430
3	0.0	36056025	Mercedes Benz M Class 4D 4x4 ML55 AMG
23	0.0	36056028	Mercedes Benz M Class 4D 4x4 ML500
54	0.0	36056030	Mercedes Benz M Class 4D 4x4 ML350
5	0.0	36056031	Mercedes Benz M Class 4D 4x4 320 CDI
20	0.0	36057011	Mercedes Benz CLK Class Conv 320
5	0.0	36057013	Mercedes Benz CLK Class Conv 500
5	0.0	36057021	Mercedes Benz CLK Class Conv 430
5	0.0	36057033	Mercedes Benz CLK Class Conv 350
1	0.0	36057034	Mercedes Benz CLK Class Conv 550
1	0.0	36057036	Mercedes Benz CLK Class Conv 63 AMG
6	0.0	36058011	Mercedes Benz C Class SW 2WD 320
2	0.0	36058026	Mercedes Benz C Class SW 2WD 240
3	0.0	36059011	Mercedes Benz C Class 2D 2WD 320
20	0.0	36059018	Mercedes Benz C Class 2D 2WD 230
3	0.0	36060013	Mercedes Benz G Class 4D 4WD 500
16	0.0	36063010	Mercedes Benz C Class 4D 4WD 280
8	0.0	36063011	Mercedes Benz C Class 4D 4WD 320
23	0.0	36063026	Mercedes Benz C Class 4D 4WD 240
4	0.0	36063033	Mercedes Benz C Class 4D 4WD 350
1	0.0	36063040	Mercedes Benz C Class 4D 4WD 300
4	0.0	36064026	Mercedes Benz C Class SW 4WD 240
3	0.0	36065013	Mercedes Benz S Class LWB 4D 4WD 500
13	0.0	36065021	Mercedes Benz S Class LWB 4D 4WD 430
3	0.0	36065034	Mercedes Benz S Class LWB 4D 4WD 550
15	0.0	36067013	Mercedes Benz CLS Class 4D 500
2	0.0	36067034	Mercedes Benz CLS Class 4D 550
2	0.0	36068013	Mercedes Benz R Class 4D 4WD 500
7	0.0	36068033	Mercedes Benz R Class 4D 4WD 350
1	0.0	36069031	Mercedes Benz GL Class 4D 4WD 320 CDI
8	0.0	36069035	Mercedes Benz GL Class 4D 4WD 450
1	0.0	36902000	Mercedes Benz 450 SEL 4D
1	0.0	36904000	Mercedes Benz 450 SLC 2D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
167	0.1	37000000	BMW Unknown Series Model
3	0.0	37001000	BMW 320 I 2D
78	0.0	37002000	BMW 528 I 4D 2WD
1	0.0	37003000	BMW 633 CSI 2D
2	0.0	37004000	BMW 733 I 4D
9	0.0	37005000	BMW 528 E 4D
20	0.0	37007000	BMW 318 I/318 IS 2D
10	0.0	37008000	BMW 325/325 E/325 ES 2D
14	0.0	37009000	BMW 535 I/535 IS 4D 2WD
1	0.0	37010000	BMW 635 CSI/L6 2D
11	0.0	37011000	BMW 735 I 4D
47	0.0	37012000	BMW 318 I 4D
8	0.0	37013000	BMW 325/325 E 4D
192	0.1	37016000	BMW 325 I 4D
5	0.0	37016005	BMW 325 I 4D SULEV
64	0.0	37017000	BMW 325 I/IS/CI 2D
44	0.0	37018000	BMW 325 I/IS/CI Conv
1	0.0	37019000	BMW M6 2D
28	0.0	37020000	BMW M3/M3 CI 2D
10	0.0	37021000	BMW M5 4D
6	0.0	37022000	BMW 750 IL 4D
2	0.0	37023000	BMW 325 IX 2D 4WD
1	0.0	37024000	BMW 325 IX 4D 4WD
6	0.0	37025000	BMW 735 IL 4D
99	0.1	37026000	BMW 525 I 4D 2WD
7	0.0	37027000	BMW 318 I/IC Conv
3	0.0	37029000	BMW 525 IT SW 2WD
24	0.0	37030000	BMW 740 I 4D
49	0.0	37031000	BMW 740 IL 4D
56	0.0	37032000	BMW 530 I 4D 2WD
1	0.0	37033000	BMW 530 IT SW 2WD
30	0.0	37034000	BMW 540 I 4D 2WD
10	0.0	37035000	BMW 318 TI 3D
2	0.0	37036000	BMW 840 CI 2D
18	0.0	37037000	BMW 328 IS/CI 2D
71	0.0	37038000	BMW 328 I 4D
9	0.0	37039000	BMW 328 IC Conv
1	0.0	37039005	BMW 328 IC Conv SULEV
11	0.0	37040000	BMW Z3 Roadster 1.9 Conv
4	0.0	37042000	BMW Z3 Roadster 2.8 Conv
13	0.0	37043000	BMW 323 IS/CI 2D
17	0.0	37044000	BMW 323 IC/CI Conv
16	0.0	37045000	BMW M3/M3 CI Conv
2	0.0	37046000	BMW M Roadster Conv
56	0.0	37048000	BMW 323 I 4D
6	0.0	37049000	BMW Z3 Roadster 2.3 Conv
1	0.0	37050000	BMW Z3 Coupe 2.8 2D
6	0.0	37051000	BMW 528 IT SW 2WD
1	0.0	37052000	BMW 540 IT SW 2WD
2	0.0	37053000	BMW 323 I SW
30	0.0	37055002	BMW X5 4D 4WD 4.4I
91	0.0	37055003	BMW X5 4D 4WD 3.0I

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

2007	Prcnt	Code	Value and Description
2	0.0	37055007	BMW X5 4D 4WD 4.8IS
2	0.0	37055008	BMW X5 4D 4WD 3.0SI
3	0.0	37055009	BMW X5 4D 4WD 4.8I
19	0.0	37056000	BMW 330 CI Conv
26	0.0	37057000	BMW 330 CI 2D
38	0.0	37058000	BMW 330 I 4D
3	0.0	37059000	BMW Z3 Roadster 3.0 Conv
24	0.0	37061000	BMW 745 I 4D
5	0.0	37062000	BMW 325 IT SW
25	0.0	37063000	BMW 745 LI 4D
45	0.0	37064000	BMW 325 XI 4D 4WD
9	0.0	37065000	BMW Z3 Roadster 2.5 Conv
5	0.0	37066000	BMW 325 XIT SW 4WD
13	0.0	37067000	BMW 330 XI 4D 4WD
2	0.0	37068000	BMW 760 LI 4D
5	0.0	37069003	BMW Z4 Roadster Conv 3.0I
11	0.0	37069006	BMW Z4 Roadster Conv 2.5I
1	0.0	37069008	BMW Z4 Roadster Conv 3.0SI
27	0.0	37070003	BMW X3 4D 4WD 3.0I
13	0.0	37070006	BMW X3 4D 4WD 2.5I
4	0.0	37070008	BMW X3 4D 4WD 3.0 SI
1	0.0	37071000	BMW 645 CI 2D
6	0.0	37072000	BMW 645 CI Conc
7	0.0	37073000	BMW 545 I 4D 2WD
6	0.0	37075000	BMW 750 LI 4D
4	0.0	37076000	BMW 525 XI 4D 4WD
8	0.0	37077000	BMW 530 XI 4D 4WD
3	0.0	37078000	BMW 530 XIT SW 4WD
2	0.0	37079000	BMW 750 I 4D
5	0.0	37081000	BMW 650 CI Conv
5	0.0	37082000	BMW 550 I 4D 2WD
1	0.0	37085000	BMW Z4 M Roadster Conv
2	0.0	37087000	BMW 328 XI 2D 4WD
8	0.0	37088000	BMW 328 XI 4D 4WD
1	0.0	37088005	BMW 328 XI 4D 4WD SULEV
1	0.0	37089000	BMW 328 I SW
1	0.0	37090000	BMW 328 I SW 4WD
1	0.0	37091000	BMW 325 I Conv
5	0.0	37092000	BMW 325 I 2D
8	0.0	37093000	BMW 325 I 4D
1	0.0	37095000	BMW M6 Conv
4	0.0	37096000	BMW 528 XI 4D 4WD
1	0.0	37903000	BMW 3.0 SI 4D
3	0.0	37904000	BMW 2002 2D
1	0.0	37908000	BMW 3.0 CS 2D
24	0.0	38000000	Renault/Eagle Unknown Series Model
1	0.0	38016009	Renault/Eagle Premier 4D LX
2	0.0	38016010	Renault/Eagle Premier 4D ES
1	0.0	38017003	Renault/Eagle Summit 4D DL
1	0.0	38017009	Renault/Eagle Summit 4D LX
2	0.0	38017018	Renault/Eagle Summit 4D ES/ESI
8	0.0	38018000	Renault/Eagle Talon 2D 2WD



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
6	0.0	38018003	Renault/Eagle Talon 2D 2WD DL
14	0.0	38018015	Renault/Eagle Talon 2D 2WD ESI
1	0.0	38018016	Renault/Eagle Talon 2D 2WD TSI Turbo
5	0.0	38019017	Renault/Eagle Talon 2D 4WD TSI Turbo AWD
2	0.0	38020003	Renault/Eagle Summit 2D DL
2	0.0	38021003	Renault/Eagle Summit SW 2WD DL
2	0.0	38021009	Renault/Eagle Summit SW 2WD LX
13	0.0	38023011	Renault/Eagle Vision 4D TSI
13	0.0	38023015	Renault/Eagle Vision 4D ESI
36	0.0	39000000	Saab Unknown Series Model
3	0.0	39001001	Saab 900 2D S
1	0.0	39001002	Saab 900 2D Turbo
4	0.0	39001004	Saab 900 2D Base/S
1	0.0	39001011	Saab 900 2D S/SE
1	0.0	39001012	Saab 900 2D SE
1	0.0	39001017	Saab 900 2D SE Turbo
3	0.0	39002000	Saab 900 4D
16	0.0	39002001	Saab 900 4D S
2	0.0	39002004	Saab 900 4D Base/S
1	0.0	39002011	Saab 900 4D S/SE
6	0.0	39002012	Saab 900 4D SE
1	0.0	39003001	Saab 9000 4D S
2	0.0	39003002	Saab 9000 4D Turbo
2	0.0	39003005	Saab 9000 4D CD Turbo
1	0.0	39003007	Saab 9000 4D CS/CSE
6	0.0	39003013	Saab 9000 4D CS
4	0.0	39003015	Saab 9000 4D CSE
2	0.0	39003016	Saab 9000 4D Aero
4	0.0	39004001	Saab 900 Conv S
1	0.0	39004002	Saab 900 Conv Turbo
7	0.0	39004012	Saab 900 Conv SE
5	0.0	39005000	Saab 9-3 4D
4	0.0	39005001	Saab 9-3 4D S
15	0.0	39005012	Saab 9-3 4D SE
5	0.0	39005016	Saab 9-3 4D Aero
14	0.0	39005020	Saab 9-3 4D Linear
2	0.0	39005021	Saab 9-3 4D Viggen
4	0.0	39005022	Saab 9-3 4D ARC
1	0.0	39005023	Saab 9-3 4D Vector
6	0.0	39005024	Saab 9-3 4D 2.0T
1	0.0	39007000	Saab 9-3 Conv
4	0.0	39007001	Saab 9-3 Conv S
17	0.0	39007012	Saab 9-3 Conv SE
2	0.0	39007016	Saab 9-3 Conv Aero
1	0.0	39007021	Saab 9-3 Conv Viggen
2	0.0	39007022	Saab 9-3 Conv ARC
1	0.0	39007024	Saab 9-3 Conv 2.0T
9	0.0	39008000	Saab 9-5 4D
8	0.0	39008012	Saab 9-5 4D SE
5	0.0	39008016	Saab 9-5 4D Aero
4	0.0	39008020	Saab 9-5 4D Linear
4	0.0	39008022	Saab 9-5 4D ARC

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

2007	Prcnt	Code	Value and Description
1	0.0	39008025	Saab 9-5 4D 2.3T
2	0.0	39009000	Saab 9-5 SW
1	0.0	39009012	Saab 9-5 SW SE
1	0.0	39009020	Saab 9-5 SW Linear
2	0.0	39009022	Saab 9-5 SW ARC
1	0.0	39009025	Saab 9-5 SW 2.3T
4	0.0	39010000	Saab 9-2X Linear SW 4WD
2	0.0	39012000	Saab 9-7X 4D 4x4
3	0.0	39013000	Saab 9-2X Aero SW 4WD
1	0.0	39014027	Saab 9-3 SW 2WD Aero Sportcombi
4	0.0	39014028	Saab 9-3 SW 2WD 2.0T Sportcombi
23	0.0	44000000	Jaguar Unknown Series Model
24	0.0	44001000	Jaguar XJ6 4D
8	0.0	44001001	Jaguar XJ6 4D VDP
3	0.0	44001004	Jaguar XJ6 4D Sovereign
1	0.0	44004000	Jaguar XJ-S Conv
2	0.0	44008000	Jaguar XJR 4D
10	0.0	44009000	Jaguar XJ VDP 4D
1	0.0	44011000	Jaguar XJ16 LWB 4D
4	0.0	44012000	Jaguar XK8 2D
9	0.0	44013000	Jaguar XK8 Conv
23	0.0	44014000	Jaguar XJ8 SWB 4D
1	0.0	44014012	Jaguar XJ8 SWB 4D Sport
13	0.0	44015000	Jaguar XJ8 LWB 4D
44	0.0	44016006	Jaguar S-Type 4D 3.0 V6
22	0.0	44016007	Jaguar S-Type 4D 4.0 V8
3	0.0	44016011	Jaguar S-Type 4D 3.0 V6 Sport
1	0.0	44016013	Jaguar S-Type 4D 4.0 V8 Sport
2	0.0	44016014	Jaguar S-Type 4D 4.2 V8
1	0.0	44018000	Jaguar XKR Conv
35	0.0	44019006	Jaguar X-Type 4D 4WD 3.0 V6
26	0.0	44019008	Jaguar X-Type 4D 4WD 2.5 V6
1	0.0	44019010	Jaguar X-Type 4D 4WD 2.5 V6 Sport
3	0.0	44019011	Jaguar X-Type 4D 4WD 3.0 V6 Sport
11	0.0	44019017	Jaguar X-Type 4D 4WD 3.0 V6 ULEV
1	0.0	44022000	Jaguar XJ VDP LWB 4D
1	0.0	44023006	Jaguar X-Type Sportwagon 4WD 3.0 V6
1	0.0	44024000	Jaguar XK Conv
2	0.0	45001003	Alfa Romeo Spider Conv Graduate
2	0.0	45003005	Alfa Romeo Milano 4D Green
1	0.0	45004000	Alfa Romeo 164 4D
1	0.0	47006000	Bentley Turbo R/RT SWB 4D
1	0.0	47017000	Bentley Continental GT 2D 4WD
1	0.0	47019000	Bentley Continental GTC Conv
1	0.0	48007001	Aston Martin DB7 Volante Conv Vantage
1	0.0	48011000	Aston Martin V8 Vantage 2D
1	0.0	49001000	Delorean Delorean 2D
1	0.0	50003000	Avanti Avanti 4D
143	0.1	51000000	Mitsubishi Unknown Series Model
1	0.0	51003004	Mitsubishi Tredia 4D High/Premium (L/LS)
4	0.0	51004001	Mitsubishi Pickup STD 4x2 Mighty Max (Economy)
1	0.0	51006006	Mitsubishi Montero 2D 4x4 High (SP)

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
3	0.0	51007000	Mitsubishi Galant 4D 2WD
3	0.0	51007004	Mitsubishi Galant 4D 2WD High/Premium (L/LS)
15	0.0	51007013	Mitsubishi Galant 4D 2WD LS
29	0.0	51007031	Mitsubishi Galant 4D 2WD S
28	0.0	51007032	Mitsubishi Galant 4D 2WD ES
180	0.1	51007033	Mitsubishi Galant 4D 2WD ES/LS
16	0.0	51007034	Mitsubishi Galant 4D 2WD GS/ES/LS
54	0.0	51007037	Mitsubishi Galant 4D 2WD DE
390	0.2	51007039	Mitsubishi Galant 4D 2WD ES/GTZ
6	0.0	51007046	Mitsubishi Galant 4D 2WD GTS
154	0.1	51007048	Mitsubishi Galant 4D 2WD ES/GTZ/LS
1	0.0	51007053	Mitsubishi Galant 4D 2WD Ralliart
20	0.0	51007062	Mitsubishi Galant 4D 2WD ES/SE/GTS
1	0.0	51007063	Mitsubishi Galant 4D 2WD ES/GTS
16	0.0	51008013	Mitsubishi Mirage 2D LS
8	0.0	51008031	Mitsubishi Mirage 2D S
2	0.0	51008032	Mitsubishi Mirage 2D ES
48	0.0	51008037	Mitsubishi Mirage 2D DE
10	0.0	51009013	Mitsubishi Mirage 4D LS
9	0.0	51009031	Mitsubishi Mirage 4D S
25	0.0	51009032	Mitsubishi Mirage 4D ES
70	0.0	51009037	Mitsubishi Mirage 4D DE
1	0.0	51013000	Mitsubishi Van
1	0.0	51014013	Mitsubishi Montero Sport 4D 4x2 LS
4	0.0	51014032	Mitsubishi Montero Sport 4D 4x2 ES
26	0.0	51014033	Mitsubishi Montero Sport 4D 4x2 ES/LS
2	0.0	51014038	Mitsubishi Montero Sport 4D 4x2 XLS
7	0.0	51014040	Mitsubishi Montero Sport 4D 4x2 LS/XLS
4	0.0	51014044	Mitsubishi Montero Sport 4D 4x2 XS/XLS
17	0.0	51015013	Mitsubishi Montero Sport 4D 4x4 LS
41	0.0	51015033	Mitsubishi Montero Sport 4D 4x4 ES/LS
19	0.0	51015038	Mitsubishi Montero Sport 4D 4x4 XLS
37	0.0	51015040	Mitsubishi Montero Sport 4D 4x4 LS/XLS
11	0.0	51015041	Mitsubishi Montero Sport 4D 4x4 Limited
15	0.0	51015044	Mitsubishi Montero Sport 4D 4x4 XS/XLS
1	0.0	51016010	Mitsubishi PU Ext Cab 4x2 Macro Cab
11	0.0	51021000	Mitsubishi Montero 4D 4x4
4	0.0	51021008	Mitsubishi Montero 4D 4x4 Sport
14	0.0	51021013	Mitsubishi Montero 4D 4x4 LS
3	0.0	51021019	Mitsubishi Montero 4D 4x4 RS/LS
7	0.0	51021030	Mitsubishi Montero 4D 4x4 SR
10	0.0	51021038	Mitsubishi Montero 4D 4x4 XLS
29	0.0	51021041	Mitsubishi Montero 4D 4x4 Limited
9	0.0	51022000	Mitsubishi Eclipse 2D 2WD
88	0.0	51022014	Mitsubishi Eclipse 2D 2WD RS
184	0.1	51022015	Mitsubishi Eclipse 2D 2WD GS
15	0.0	51022023	Mitsubishi Eclipse 2D 2WD GS Turbo
92	0.0	51022042	Mitsubishi Eclipse 2D 2WD GT
15	0.0	51022046	Mitsubishi Eclipse 2D 2WD GTS
1	0.0	51022059	Mitsubishi Eclipse 2D 2WD SE
6	0.0	51023024	Mitsubishi Eclipse 2D 4WD GSX Turbo
22	0.0	51026000	Mitsubishi 3000GT 2D 2WD

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

2007	Prcnt	Code	Value and Description
6	0.0	51026026	Mitsubishi 3000GT 2D 2WD SL
5	0.0	51027025	Mitsubishi 3000GT 4D 4WD VR-4
7	0.0	51028000	Mitsubishi Diamante 4D
73	0.0	51028013	Mitsubishi Diamante 4D LS
27	0.0	51028032	Mitsubishi Diamante 4D ES
1	0.0	51028049	Mitsubishi Diamante 4D VR-X
6	0.0	51029000	Mitsubishi Expo SW 2WD
3	0.0	51033000	Mitsubishi Diamante SW
35	0.0	51036035	Mitsubishi Eclipse Conv 2WD Spyder GS
6	0.0	51036036	Mitsubishi Eclipse Conv 2WD Spyder GS-T
13	0.0	51036043	Mitsubishi Eclipse Conv 2WD Spyder GT
5	0.0	51036047	Mitsubishi Eclipse Conv 2WD Spyder GTS
11	0.0	51036054	Mitsubishi Eclipse Conv 2WD GT Premium
15	0.0	51037013	Mitsubishi Lancer 4D LS
188	0.1	51037032	Mitsubishi Lancer 4D ES
2	0.0	51037037	Mitsubishi Lancer 4D DE
46	0.0	51037045	Mitsubishi Lancer 4D Oz-Rally
3	0.0	51037046	Mitsubishi Lancer 4D GTS
4	0.0	51037051	Mitsubishi Lancer 4D Base/ES
8	0.0	51037053	Mitsubishi Lancer 4D Ralliart
21	0.0	51038013	Mitsubishi Outlander 4D 2WD LS
1	0.0	51038033	Mitsubishi Outlander 4D 2WD ES/LS
11	0.0	51038038	Mitsubishi Outlander 4D 2WD XLS
2	0.0	51038059	Mitsubishi Outlander 4D 2WD SE
14	0.0	51039013	Mitsubishi Outlander 4D 4WD LS
20	0.0	51039038	Mitsubishi Outlander 4D 4WD XLS
2	0.0	51039059	Mitsubishi Outlander 4D 4WD SE
11	0.0	51040000	Mitsubishi Lancer Evolution 4D 4WD
3	0.0	51040056	Mitsubishi Lancer Evolution 4D 4WD MR
10	0.0	51040061	Mitsubishi Lancer Evolution 4D 4WD GSR/MR
11	0.0	51041013	Mitsubishi Endeavor 4D 2WD LS
2	0.0	51041038	Mitsubishi Endeavor 4D 2WD XLS
1	0.0	51041041	Mitsubishi Endeavor 4D 2WD Limited
27	0.0	51042013	Mitsubishi Endeavor 4D 4WD LS
14	0.0	51042038	Mitsubishi Endeavor 4D 4WD XLS
7	0.0	51042041	Mitsubishi Endeavor 4D 4WD Limited
3	0.0	51042059	Mitsubishi Endeavor 4D 4WD SE
2	0.0	51043013	Mitsubishi Lancer SW LS
1	0.0	51043053	Mitsubishi Lancer SW Ralliart
1	0.0	51044013	Mitsubishi Raider Ext Cab PU 4x2 LS
1	0.0	51045058	Mitsubishi Raider Ext Cab PU 4x4 Durocross
2	0.0	51046013	Mitsubishi Raider Db1 Cab PU 4x2 LS
2	0.0	51047013	Mitsubishi Raider Db1 Cab PU 4x4 LS
1	0.0	51047058	Mitsubishi Raider Db1 Cab PU 4x4 Durocross
2	0.0	52004000	Lotus Elise Conv
172	0.1	54000000	Hyundai Unknown Series Model
2	0.0	54001000	Hyundai Excel 4D
3	0.0	54001001	Hyundai Excel 4D GL
5	0.0	54002006	Hyundai Excel 2D L
158	0.1	54003000	Hyundai Sonata 4D
68	0.0	54003001	Hyundai Sonata 4D GL
133	0.1	54003002	Hyundai Sonata 4D GLS

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
26	0.0	54003010	Hyundai Sonata 4D Base/GL
297	0.2	54003014	Hyundai Sonata 4D GLS/LX
26	0.0	54003025	Hyundai Sonata 4D SE/Limited
35	0.0	54005000	Hyundai Elantra 4D
43	0.0	54005001	Hyundai Elantra 4D GL
249	0.1	54005002	Hyundai Elantra 4D GLS
43	0.0	54005013	Hyundai Elantra 4D GT Hatchback
382	0.2	54005017	Hyundai Elantra 4D GLS/GT
29	0.0	54005018	Hyundai Elantra 4D GLS/GT Hatchback
133	0.1	54005020	Hyundai Elantra 4D GLS/GT/Limited
27	0.0	54005021	Hyundai Elantra 4D GLS/GT/Limited Hatchback
108	0.1	54005024	Hyundai Elantra 4D GLS/SE/Limited
1	0.0	54005028	Hyundai Elantra 4D GLS/SE
14	0.0	54006000	Hyundai Accent 2D
14	0.0	54006001	Hyundai Accent 2D GL
73	0.0	54006004	Hyundai Accent 2D GS
34	0.0	54006006	Hyundai Accent 2D L
1	0.0	54006007	Hyundai Accent 2D GT
18	0.0	54006008	Hyundai Accent 2D Base/L
7	0.0	54006009	Hyundai Accent 2D GS/GT
5	0.0	54006012	Hyundai Accent 2D GS/GSI
24	0.0	54006016	Hyundai Accent 2D GL/GT
33	0.0	54006017	Hyundai Accent 2D GLS/GT
5	0.0	54006027	Hyundai Accent 2D SE
17	0.0	54007000	Hyundai Accent 4D
198	0.1	54007001	Hyundai Accent 4D GL
60	0.0	54007002	Hyundai Accent 4D GLS
4	0.0	54008000	Hyundai Elantra SW
7	0.0	54008001	Hyundai Elantra SW GL
18	0.0	54008002	Hyundai Elantra SW GLS
66	0.0	54009000	Hyundai Tiburon 2D
37	0.0	54009004	Hyundai Tiburon 2D GS
6	0.0	54009011	Hyundai Tiburon 2D FX
53	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
33	0.0	54010000	Hyundai Santa Fe 4D 2WD/4WD
18	0.0	54011000	Hyundai XG300 4D
63	0.0	54012000	Hyundai XG350 4D
7	0.0	54013002	Hyundai Santa Fe 4D 4WD GLS
140	0.1	54013014	Hyundai Santa Fe 4D 4WD GLS/LX
16	0.0	54013022	Hyundai Santa Fe 4D 4WD GLS/Limited
8	0.0	54013025	Hyundai Santa Fe 4D 4WD SE/Limited
73	0.0	54014000	Hyundai Santa Fe 4D 2WD
14	0.0	54014002	Hyundai Santa Fe 4D 2WD GLS
83	0.0	54014014	Hyundai Santa Fe 4D 2WD GLS/LX
15	0.0	54014022	Hyundai Santa Fe 4D 2WD GLS/Limited
11	0.0	54014025	Hyundai Santa Fe 4D 2WD SE/Limited
26	0.0	54015001	Hyundai Tuscon 4D 2WD GL
16	0.0	54015002	Hyundai Tuscon 4D 2WD GLS
13	0.0	54015014	Hyundai Tuscon 4D 2WD GLS/LX
7	0.0	54015022	Hyundai Tuscon 4D 2WD GLS/Limited

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

2007	Prcnt	Code	Value and Description
2	0.0	54015025	Hyundai Tuscon 4D 2WD SE/Limited
3	0.0	54016001	Hyundai Tuscon 4D 4WD GL
17	0.0	54016014	Hyundai Tuscon 4D 4WD GLS/LX
17	0.0	54016022	Hyundai Tuscon 4D 4WD GLS/Limited
5	0.0	54016025	Hyundai Tuscon 4D 4WD SE/Limited
10	0.0	54017024	Hyundai Azera 4D GLS/SE/Limited
14	0.0	54017025	Hyundai Azera 4D SE/Limited
15	0.0	54018024	Hyundai Entourage Van GLS/SE/Limited
4	0.0	54019024	Hyundai Veracruz 4D 2WD GLS/SE/Limited
1	0.0	54020024	Hyundai Veracruz 4D 4WD GLS/SE/Limited
68	0.0	55000000	Suzuki Unknown Series Model
3	0.0	55003001	Suzuki Samurai 2D 4x4 Convertible
1	0.0	55004002	Suzuki Samurai Van 2D 4x4 Hardtop
2	0.0	55007000	Suzuki Swift 2D
2	0.0	55008000	Suzuki Swift 4D
1	0.0	55013001	Suzuki Sidekick 2D 4x4 Convertible
1	0.0	55013002	Suzuki Sidekick 2D 4x4 Hardtop
15	0.0	55014002	Suzuki Sidekick 4D 4x4 Hardtop
4	0.0	55014005	Suzuki Sidekick 4D 4x4 Sport
1	0.0	55015002	Suzuki Sidekick 4D 4x2 Hardtop
34	0.0	55016000	Suzuki Esteem 4D
1	0.0	55018006	Suzuki X-90 2D 4WD T-Bar Top
13	0.0	55019000	Suzuki Esteem SW
1	0.0	55021001	Suzuki Vitara 2D 4x4 Convertible
5	0.0	55022002	Suzuki Vitara 4D 4x2 Hardtop
11	0.0	55023002	Suzuki Vitara 4D 4x4 Hardtop
10	0.0	55024002	Suzuki Grand Vitara 4D 4x2 Hardtop
54	0.0	55025002	Suzuki Grand Vitara 4D 4x4 Hardtop
6	0.0	55026002	Suzuki Gr Vitara XL-7 4D 4x2 Hardtop
87	0.0	55027002	Suzuki Gr Vitara XL-7 4D 4x4 Hardtop
24	0.0	55028000	Suzuki Aerio 4D 2WD
3	0.0	55028009	Suzuki Aerio 4D 2WD S
1	0.0	55028011	Suzuki Aerio 4D 2WD LX
1	0.0	55029000	Suzuki Aerio 4D 4WD
1	0.0	55029012	Suzuki Aerio 4D 4WD Premium
9	0.0	55030000	Suzuki Aerio SX SW 2WD
9	0.0	55031000	Suzuki Aerio SX SW 4WD
1	0.0	55031012	Suzuki Aerio SX SW 4WD Premium
29	0.0	55032000	Suzuki Forenza 4D
50	0.0	55032009	Suzuki Forenza 4D S
9	0.0	55032010	Suzuki Forenza 4D LX/EX
3	0.0	55032012	Suzuki Forenza 4D Premium
15	0.0	55033007	Suzuki Verona 4D S/LX
9	0.0	55033008	Suzuki Verona 4D EX
8	0.0	55034000	Suzuki Reno 5D
4	0.0	55034009	Suzuki Reno 5D S
1	0.0	55034010	Suzuki Reno 5D LX/EX
3	0.0	55035000	Suzuki Forenza SW
4	0.0	55035009	Suzuki Forenza SW S
3	0.0	55035010	Suzuki Forenza SW LX/EX
3	0.0	55037000	Suzuki SX4 SW 4WD
2	0.0	55039000	Suzuki XL7 4D 4WD

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
1	0.0	55039014	Suzuki XL7 4D 4WD Limited
2	0.0	56002000	Maserati Quattroporte 4D
193	0.1	57000000	Acura Unknown Series Model
15	0.0	57001000	Acura Legend 4D
40	0.0	57001002	Acura Legend 4D LS
1	0.0	57001003	Acura Legend 4D Sunroof
1	0.0	57001004	Acura Legend 4D Sunroof + Option
111	0.1	57001006	Acura Legend 4D L
11	0.0	57001007	Acura Legend 4D GS
38	0.0	57002001	Acura Integra 2D RS
181	0.1	57002002	Acura Integra 2D LS
21	0.0	57002005	Acura Integra 2D LS Special
60	0.0	57002007	Acura Integra 2D GS
26	0.0	57002009	Acura Integra 2D GS-R
10	0.0	57003001	Acura Integra 4D RS
73	0.0	57003002	Acura Integra 4D LS
3	0.0	57003005	Acura Integra 4D LS Special
18	0.0	57003007	Acura Integra 4D GS
6	0.0	57003009	Acura Integra 4D GS-R
15	0.0	57004002	Acura Legend 2D LS
1	0.0	57004004	Acura Legend 2D Sunroof + Option
22	0.0	57004006	Acura Legend 2D L
1	0.0	57005000	Acura NSX 2D
3	0.0	57006002	Acura Vigor 4D LS
19	0.0	57006007	Acura Vigor 4D GS
4	0.0	57007000	Acura 2.5 TL 4D
49	0.0	57007012	Acura 2.5 TL 4D Premium
506	0.3	57008000	Acura 3.2 TL 4D
29	0.0	57008012	Acura 3.2 TL 4D Premium
73	0.0	57008015	Acura 3.2 TL 4D NAVI
59	0.0	57008016	Acura 3.2 TL 4D Type-S
26	0.0	57008017	Acura 3.2 TL 4D Type-S with NAVI
3	0.0	57009000	Acura SLX 4D 4x4
93	0.1	57010000	Acura 3.5 RL 4D
68	0.0	57010012	Acura 3.5 RL 4D Premium
35	0.0	57010015	Acura 3.5 RL 4D NAVI
5	0.0	57011000	Acura 2.2 CL 2D
32	0.0	57011012	Acura 2.2 CL 2D Premium
7	0.0	57012000	Acura 3.0 CL 2D
51	0.0	57012012	Acura 3.0 CL 2D Premium
3	0.0	57014000	Acura 2.3 CL 2D
29	0.0	57014012	Acura 2.3 CL 2D Premium
46	0.0	57015012	Acura 3.2 CL 2D Premium
40	0.0	57015016	Acura 3.2 CL 2D Type-S
23	0.0	57015017	Acura 3.2 CL 2D Type-S with NAVI
5	0.0	57015018	Acura 3.2 CL 2D Premium with NAVI
29	0.0	57016012	Acura MDX 4D 4WD Premium
1	0.0	57016014	Acura MDX 4D 4WD Sport
23	0.0	57016018	Acura MDX 4D 4WD Premium with NAVI
30	0.0	57016019	Acura MDX 4D 4WD STD
5	0.0	57016020	Acura MDX 4D 4WD STD with NAVI
26	0.0	57016022	Acura MDX 4D 4WD Touring

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

2007	Prcnt	Code	Value and Description
10	0.0	57016023	Acura MDX 4D 4WD Touring with RES
46	0.0	57016024	Acura MDX 4D 4WD Touring with NAVI
64	0.0	57016025	Acura MDX 4D 4WD Touring with NAVI + RES
13	0.0	57016026	Acura MDX 4D 4WD Technology Package
98	0.1	57017000	Acura RSX 2D
78	0.0	57017016	Acura RSX 2D Type-S
64	0.0	57018000	Acura TSX 4D
48	0.0	57018015	Acura TSX 4D NAVI
24	0.0	57019000	Acura 3.5 RL 4D 4WD
6	0.0	57020000	Acura RDX 4D 4WD
6	0.0	57020026	Acura RDX 4D 4WD Technology Package
3	0.0	57021016	Acura 3.5 TL 4D Type-S
21	0.0	60000000	Land Rover Unknown Series Model
2	0.0	60001000	Land Rover Range Rover 4D SWB 4x4
2	0.0	60002000	Land Rover Range Rover 4D LWB 4x4
1	0.0	60004000	Land Rover Defender 90 2D 4x4
41	0.0	60005000	Land Rover Discovery 4D 4x4
11	0.0	60006001	Land Rover Range Rover 4.0 4D 4x4 SE
2	0.0	60006003	Land Rover Range Rover 4.0 4D 4x4 Base/S
2	0.0	60007001	Land Rover Range Rover 4.6 4D 4x4 SE
11	0.0	60007002	Land Rover Range Rover 4.6 4D 4x4 HSE
28	0.0	60008000	Land Rover Discovery Series II 4D 4x4
34	0.0	60008001	Land Rover Discovery Series II 4D 4x4 SE
4	0.0	60008002	Land Rover Discovery Series II 4D 4x4 HSE
1	0.0	60008006	Land Rover Discovery Series II 4D 4x4 SD
1	0.0	60008007	Land Rover Discovery Series II 4D 4x4 LE
6	0.0	60008008	Land Rover Discovery Series II 4D 4x4 S
16	0.0	60009001	Land Rover Freelander 4D 4x4 SE
4	0.0	60009002	Land Rover Freelander 4D 4x4 HSE
8	0.0	60009008	Land Rover Freelander 4D 4x4 S
1	0.0	60010001	Land Rover Freelander 2D SE
39	0.0	60011002	Land Rover Range Rover 4D 4x4 HSE
2	0.0	60012000	Land Rover LR3 4D 4x4
9	0.0	60012001	Land Rover LR3 4D 4x4 SE
6	0.0	60012002	Land Rover LR3 4D 4x4 HSE
17	0.0	60013002	Land Rover Range Rover Sport 4D 4x4 HSE
6	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	63006000	Lamborghini Gallardo 2D 4WD
201	0.1	65000000	Lexus Unknown Series Model
149	0.1	65001000	Lexus LS 400 4D
7	0.0	65002000	Lexus ES 250 4D
28	0.0	65003000	Lexus SC 400 2D
18	0.0	65004000	Lexus SC 300 2D
433	0.2	65005000	Lexus ES 300 4D
117	0.1	65006000	Lexus GS 300 4D
9	0.0	65007000	Lexus LX 450 4D 4x4
20	0.0	65008000	Lexus GS 400 4D
34	0.0	65009000	Lexus LX 470 4D 4x4
14	0.0	65010000	Lexus RX 300 4D 2WD
146	0.1	65011000	Lexus RX 300 4D 4WD
59	0.0	65012000	Lexus IS 300 4D



Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
87	0.0	65013000	Lexus LS 430 4D
12	0.0	65014000	Lexus GS 430 4D
21	0.0	65015000	Lexus SC 430 Conv
4	0.0	65016000	Lexus IS 300 Sportcross SW
53	0.0	65017000	Lexus GX 470 4D 4x4
2	0.0	65018000	Lexus RX 330 4D 2WD
96	0.1	65019000	Lexus RX 330 4D 4WD
26	0.0	65021000	Lexus RX 400H Hybrid 4D 4WD
105	0.1	65022000	Lexus ES 330 4D
13	0.0	65023000	Lexus GS 300 4D 4WD
10	0.0	65024000	Lexus IS 250 4D 2WD
22	0.0	65025000	Lexus IS 250 4D 4WD
8	0.0	65026000	Lexus IS 350 4D 2WD
7	0.0	65027000	Lexus LS 460 4D
45	0.0	65028000	Lexus ES 350 4D
2	0.0	65029000	Lexus RX 350 4D 2WD
30	0.0	65030000	Lexus RX 350 4D 4WD
2	0.0	65031000	Lexus GS 450H Hybrid 4D 2WD
1	0.0	65032000	Lexus GS 350 4D 2WD
6	0.0	65033000	Lexus GS 350 4D 4WD
94	0.1	66000000	Infiniti Unknown Series Model
5	0.0	66001000	Infiniti M30 2D
78	0.0	66002000	Infiniti Q45 4D
1	0.0	66003000	Infiniti M30 Conv
60	0.0	66004000	Infiniti G20 4D
58	0.0	66005000	Infiniti J30 4D
166	0.1	66006000	Infiniti I30 4D
67	0.0	66007000	Infiniti QX4 4D 4x4
1	0.0	66008000	Infiniti QX4 4D 4x2
50	0.0	66009000	Infiniti I35 4D
56	0.0	66010000	Infiniti G35 4D 2WD
79	0.0	66011000	Infiniti G35 2D 2WD
18	0.0	66012000	Infiniti M45 4D
1	0.0	66013000	Infiniti FX35 4D 2WD
35	0.0	66014000	Infiniti FX35 4D 4WD
7	0.0	66015000	Infiniti FX45 4D 4WD
2	0.0	66016000	Infiniti QX56 4D 4x2
12	0.0	66017000	Infiniti QX56 4D 4x4
57	0.0	66018001	Infiniti G35 4D 4WD X
4	0.0	66019000	Infiniti M35 4D 2WD
12	0.0	66020001	Infiniti M35 4D 4WD X
5	0.0	66021000	Infiniti G37 2D 2WD
159	0.1	67000000	Saturn Unknown Series Model
6	0.0	67001000	Saturn SC 2D
47	0.0	67001004	Saturn SC 2D SC1
85	0.0	67001005	Saturn SC 2D SC2
64	0.0	67002000	Saturn SL 4D
361	0.2	67002001	Saturn SL 4D SL1
443	0.2	67002002	Saturn SL 4D SL2
1	0.0	67002024	Saturn SL 4D Spring Special
19	0.0	67003006	Saturn SW SW1
69	0.0	67003007	Saturn SW SW2

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

2007	Prcnt	Code	Value and Description
43	0.0	67005008	Saturn SC 3D SC1 RAD
57	0.0	67005009	Saturn SC 3D SC2 RAD
2	0.0	67006000	Saturn LS 4D
35	0.0	67006010	Saturn LS 4D LS1
19	0.0	67006011	Saturn LS 4D LS2
19	0.0	67006014	Saturn LS 4D L100
92	0.0	67006015	Saturn LS 4D L200
57	0.0	67006016	Saturn LS 4D L300
2	0.0	67007012	Saturn LW LW1
3	0.0	67007013	Saturn LW LW2
8	0.0	67007017	Saturn LW LW200
8	0.0	67007018	Saturn LW LW300
64	0.0	67008019	Saturn Vue 4D 2WD 4 Cyl
35	0.0	67008020	Saturn Vue 4D 2WD 6 Cyl
4	0.0	67008028	Saturn Vue 4D 2WD XE
17	0.0	67009019	Saturn Vue 4D 4WD 4 Cyl
66	0.0	67009020	Saturn Vue 4D 4WD 6 Cyl
30	0.0	67010022	Saturn Ion Quad Coupe 2D Level 3
36	0.0	67010023	Saturn Ion Quad Coupe 2D Level 3
6	0.0	67010025	Saturn Ion Quad Coupe 2D Red Line
40	0.0	67011021	Saturn Ion 4D Level 1
178	0.1	67011022	Saturn Ion 4D Level 3
57	0.0	67011023	Saturn Ion 4D Level 3
7	0.0	67013000	Saturn Relay Van LWB 2WD
1	0.0	67014000	Saturn Relay Van LWB 4WD
26	0.0	67018028	Saturn Aura 4D XE
6	0.0	67018029	Saturn Aura 4D XR
4	0.0	67019000	Saturn Sky Conv
1	0.0	67019025	Saturn Sky Conv Red Line
1	0.0	67020028	Saturn Outlook 4D 2WD XE
1	0.0	67020029	Saturn Outlook 4D 2WD XR
3	0.0	67021028	Saturn Outlook 4D 4WD XE
7	0.0	67021029	Saturn Outlook 4D 4WD XR
Some VUE Red Line (67009025) models and VUE Hybrid (67023000)			
2	0.0	67023000	Saturn Vue Hybrid 4D 2WD
90	0.0	68000000	KIA Unknown Series Model
129	0.1	68001000	KIA Sephia 4D
121	0.1	68002000	KIA Sportage 4D 4x4
47	0.0	68003000	KIA Sportage 4D 4x2
5	0.0	68004000	KIA Sportage 2D 4x4
3	0.0	68005000	KIA Sportage 2D 4x2
152	0.1	68006000	KIA Rio 4D
59	0.0	68007000	KIA Spectra 5D
164	0.1	68008000	KIA Optima 4D
190	0.1	68009000	KIA Sedona Van
33	0.0	68010001	KIA Rio SW Cinco
5	0.0	68010002	KIA Rio SW Rio5
89	0.0	68011000	KIA Spectra 4D
37	0.0	68012000	KIA Sorento 4D 4x2
101	0.1	68013000	KIA Sorento 4D 4x4
21	0.0	68014000	KIA Amanti 4D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

2007	Prcnt	Code	Value and Description
145	0.1	68015000	KIA Spectra 4D
18	0.0	68016000	KIA Spectra SW
61	0.0	68017000	KIA Optima 4D
12	0.0	68018000	KIA Rondo SW
2	0.0	68019000	KIA Sedona Van SWB
1	0.0	69000000	AM General Unknown Series Model
40	0.0	69003000	AM General Hummer H2 4D 4x4
38	0.0	69006000	AM General Hummer H3 4D 4x4
7	0.0	70000000	Daewoo Unknown Series Model
5	0.0	70001001	Daewoo Lanos 3D S
1	0.0	70001006	Daewoo Lanos 3D Sport
4	0.0	70002001	Daewoo Lanos 4D S
1	0.0	70002002	Daewoo Lanos 4D SE
1	0.0	70002003	Daewoo Lanos 4D SX
14	0.0	70003002	Daewoo Nubira 4D SE
1	0.0	70003003	Daewoo Nubira 4D SX
3	0.0	70003004	Daewoo Nubira 4D CDX
6	0.0	70005002	Daewoo Leganza 4D SE
16	0.0	70005005	Daewoo Leganza 4D SX/CDX
1	0.0	71000000	GEM Unknown Series Model
1	0.0	71002000	GEM 4-Pass
9	0.0	72000000	Mini Cooper Unknown Series Model
43	0.0	72001000	Mini Cooper 2D
38	0.0	72001001	Mini Cooper 2D S
2	0.0	72002000	Mini Cooper Conv
10	0.0	72002001	Mini Cooper Conv S
62	0.0	74000000	Scion Unknown Series Model
89	0.0	74001000	Scion XA 5D
137	0.1	74002000	Scion XB 5D
306	0.2	74003000	Scion TC 2D
4	0.0	74004000	Scion XD 5D
3	0.0	77000000	Tesla Unknown Series Model

---

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

VINDICATOR Variable - BodyStyleNumber

2007	Prcnt	Code	Value and Description
91128	49.0	0	No data
1	0.0	2	4-6 passenger
1	0.0	20	2 door
188	0.1	21	2 door 2-3 passenger
8571	4.6	22	2 door 4-6 passenger
18	0.0	28	2 door sedan
1	0.0	29	2 door sedan 2-3 passenger
818	0.4	30	2 door sedan 4-6 passenger
8	0.0	32	2 door hardtop
1	0.0	33	2 door hardtop 2-3 passenger

## Variable 162:VINDICATOR - BODY (Continued)

2007	Prcnt	Code	Value and Description
303	0.2	34	2 door hardtop 4-6 passenger
486	0.3	37	2 door convertible 2-3 passenger
1241	0.7	38	2 door convertible 4-6 passenger
6	0.0	40	3 door
120	0.1	41	3 door 2-3 passenger
3797	2.0	42	3 door 4-6 passenger
1	0.0	46	3 door wagon 4-6 passenger
9	0.0	50	3 door sedan 4-6 passenger
100	0.1	54	3 door hardtop 4-6 passenger
1070	0.6	62	4+ door 4-6 passenger
3868	2.1	66	4+ door wagon 4-6 passenger
7843	4.2	67	4+ door wagon 7+ passenger
29	0.0	68	4+ door sedan
65861	35.4	70	4+ door sedan 4-6 passenger
2	0.0	72	4+ door hardtop
476	0.3	74	4+ door hardtop 4-6 passenger

---

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

## VINDICATOR Variable - VehicleType

2007	Prcnt	Code	Value and Description
120565	64.8	0	Passenger cars or no data
4371	2.4	1	Vans (All cargo & large passenger vans)
16294	8.8	2	Pickups and chassis cabs
25072	13.5	3	Utility vehicles
7853	4.2	4	Passenger vans
11792	6.3	9	Vehicle type data missing

---

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

## VINDICATOR Variable - VehicleSizeID

2007	Prcnt	Code	Value and Description
11792	6.3	0	Unknown
5191	2.8	1	Mini
40935	22.0	2	Small
45790	24.6	3	Midsize
32915	17.7	4	Large
12992	7.0	5	Very large
36332	19.5	6	Unknown

---

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

---

VINDICATOR Variable - VehicleClassID

2007	Prcnt	Code	Value and Description
48124	25.9	0	Missing data
11943	6.4	1	2 door
59452	32.0	2	4 door
9002	4.8	3	Luxury
2673	1.4	4	Sports
7850	4.2	5	Passenger van
14516	7.8	6	Pickup
23003	12.4	8	Utility
3644	2.0	9	Large / cargo van
3743	2.0	11	Station wagon
1997	1.1	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

2007	Prcnt	Code	Value and Description
47477	25.5	0	Weight data is missing
1	0.0	1591	
		-	Weight in pounds
2	0.0	8687	

---

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

---

VINDICATOR Variable - Wheelbase

2007	Prcnt	Code	Value and Description
46604	25.1	0.0	Wheelbase data is missing
4	0.0	79.9	
		-	Wheelbase to nearest tenth of an inch
6	0.0	194.0	

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

## VINDICATOR Variable - Length

2007	Prcnt	Code	Value and Description
48150	25.9	0.0	Length data is missing
3	0.0	135.0	- Length to nearest tenth of an inch
2	0.0	262.4	

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

## VINDICATOR Variable - Width

2007	Prcnt	Code	Value and Description
48150	25.9	0.0	Width data is missing
4	0.0	60.2	- Width to nearest tenth of an inch
6	0.0	96.1	

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

## VINDICATOR Variable - Height

2007	Prcnt	Code	Value and Description
48152	25.9	0.0	Height data is missing
1	0.0	43.9	- Height to nearest tenth of an inch
4	0.0	96.3	

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

## VINDICATOR Variable - RestraintCode

2007	Prcnt	Code	Value and Description
45819	24.6	0	No data
7621	4.1	1	Manual belt
3234	1.7	2	Automatic belt
7914	4.3	3	Air bag (driver only)
82146	44.2	4	Air bags (driver + passenger)
32518	17.5	5	Air bags (driver + passenger + side)
6695	3.6	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

2007	Prcnt	Code	Value and Description
48541	26.1	0	Minimum horsepower data missing
2	0.0	45	- Minimum horsepower
2	0.0	552	

---

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

---

VINDICATOR Variable - MaximumHorsepower

2007	Prcnt	Code	Value and Description
48541	26.1	0	Maximum horsepower data missing
2	0.0	45	- Maximum horsepower
2	0.0	552	

---

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

---

VINDICATOR Variable - ABSCode

2007	Prcnt	Code	Value and Description
45394	24.4	0	Unknown
12336	6.6	1	Not available
33852	18.2	2	Opt on all wheels
126	0.1	3	Opt on rear wheels
75156	40.4	4	STD on all wheels
3250	1.7	5	STD on rear wheels
6	0.0	15	OPT on Turbo & GXL
1	0.0	16	STD in 2nd half of model year
7	0.0	17	OPT in 2nd half of model year
2	0.0	20	OPT on Base; STD on STS
78	0.0	21	OPT on LE V6
2	0.0	24	OPT on Gli & CARAT
17	0.0	25	STD on SC; OPT on SE
2	0.0	26	OPT on GT-S & All-Trac Turbo

## Variable 175:VINDICATOR - ABS (Continued)

2007	Prcnt	Code	Value and Description
4	0.0	27	OPT on GT
101	0.1	30	OPT on SE; NA other models
314	0.2	31	OPT on GXE
19	0.0	32	OPT on LX & Turbo
11	0.0	35	OPT on GS
10	0.0	37	OPT on SE & LE
1	0.0	38	STD on S
2	0.0	39	OPT on Base; STD on SE
2	0.0	47	STD on VR6; OPT on other models
273	0.1	48	OPT on GXE & SE
40	0.0	49	STD on Cobra; OPT on other models
433	0.2	50	OPT on LX; not available on other models
9	0.0	51	OPT with manual transmission only
1239	0.7	52	Not available on Base; OPT on other models
3	0.0	54	STD on LS; OPT on RS
9	0.0	57	STD Rear on S & LS; OPT 4 Wheel ABS on LS
4194	2.3	58	STD rear; 4 wheel OPT on all or some models
186	0.1	59	OPT with V6 engine only
152	0.1	60	STD rear wheel ABS with 4 cyl; STD 4 wheel ABS with 6 cyl engine
79	0.0	61	STD on ES; OPT on other models
120	0.1	62	STD on GXE; OPT on other models
36	0.0	63	STD rear, 4 wheel OPT on some models and STD on others
40	0.0	64	STD on GLX Plus model; not available on other models
536	0.3	65	OPT on all models, except not available on GXE with manual transmission
10	0.0	66	STD on Outback model; OPT on L model
5	0.0	67	OPT on L model; not available on Outback model
13	0.0	68	Not available on L model; OPT on others
275	0.1	69	OPT on GXE & GLE models; not available on other models
19	0.0	70	STD rear ABS; 4 wheel ABS OPT / STD (after 1995 model year) on B4000
1328	0.7	71	STD on XLE model; OPT on other models
57	0.0	72	STD on XLS model; OPT on other models
332	0.2	73	STD on Ariat model; rear wheel STD, 4 wheel OPT on other models
25	0.0	74	Std on vehicles with RV trim package; RW STD 4 wheel ABS OPT on other models
61	0.0	75	OPT on GS model, STD on other models
1214	0.7	76	OPT on CE model with 4 cylinder engine; STD on all other models
3	0.0	77	OPT on JX model and STD on JLX model
302	0.2	78	OPT on Base model; STD on other models
184	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
13	0.0	81	4 wheel ABS STD on EX model; all other models have rear wheel ABS only
26	0.0	82	STD on LS model; OPT on ES model
276	0.1	83	Option on LS model; not available on Base model
547	0.3	84	STD with V6 engine; OPT with 4 cylinder engine
15	0.0	85	STD with V6 engine; not available with 4 cylinder engine



Variable 175:VINDICATOR - ABS (Continued)

2007	Prcnt	Code	Value and Description
1	0.0	86	Not available on Soft Top models
81	0.0	87	4 wheel ABS STD on XLT model; all other models have STD rear wheel and OPT 4 wheel ABS
7	0.0	89	STD on XLS model; not available on other models
7	0.0	90	STD on "Plus" models; not available on other models
60	0.0	92	Not available on DX model; STD on all other models
249	0.1	93	Not available on XE model; OPT on all other models
187	0.1	94	Not available on VE model; OPT on all other models
28	0.0	95	Available on premium models for fleet sale only
437	0.2	96	Not available on CE model; OPT on all other models
26	0.0	98	STD on Plus and Limited models; not available on other models
18	0.0	99	STD on Touring model; not available on other models
59	0.0	100	OPT on GSX model; not available on other models
118	0.1	101	STD on models for fleet sale only; OPT on non-fleet models
145	0.1	102	OPT on models for fleet sale only; STD on non-fleet models
18	0.0	103	OPT on ES model; not available on other models
107	0.1	104	OPT on ES and LX models; not available on other models
5	0.0	106	STD on Limited models; OPT on JLX model
1	0.0	107	STD on Touring and Limited models; not available on other models
31	0.0	108	STD on Touring and Limited models; OPT on other models
5	0.0	109	STD with manual transmission; OPT otherwise
177	0.1	110	STD on LX model and OPT on other models
8	0.0	111	OPT on Value and Base models; STD on other models
64	0.0	112	OPT on GL1 model and STD on GL2 model
135	0.1	113	STD on SE2 model and OPT on other models
32	0.0	114	STD on 5 speed manual transmission, OPT on 6 speed manual and automatic transmissions
199	0.1	115	OPT on ES model and STD on other models
61	0.0	116	STD on S model and OPT on I model
35	0.0	117	OPT on Plus model; STD on all other models
11	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
27	0.0	120	OPT on EX models; Not available on other models
111	0.1	121	OPT on SE models; STD for all other models
37	0.0	122	Not Available on LX models; OPT on all other models
406	0.2	123	OPT on S model; not available on base model
11	0.0	124	STD with 3.9 liter engine; optional with 3.5 liter engine
16	0.0	125	OPT on LX models; not available on base model
61	0.0	127	OPT only on EX and LX V6 models
104	0.1	128	OPT only on SX models; not available on other models
105	0.1	129	OPT on Base and S models and STD on SL Model

Variable 176	VINDICATOR - TRANS	Width: 2	Type: Numeric
		Dec: None	Miss: 0

## VINDICATOR Variable - TransmissionNumber

2007	Prcnt	Code	Value and Description
167377	90.0	0	Transmission data is missing or not provided
763	0.4	1	- Transmission
1	0.0	14	

Variable 177	VINDICATOR - ENGINE	Width: 3	Type: Numeric
		Dec: None	Miss: 0

## VINDICATOR Variable - EngineNumber

2007	Prcnt	Code	Value and Description
48172	25.9	0	Engine data is missing or not provided
1703	0.9	1	- Engine
9	0.0	109	

Variable 178	VEHICLE IDENTIFICATION #	Width: 17	Type: Alphabetic
		Dec: None	Miss: None

## VEHICLE IDENTIFICATION NUMBER

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

2007	Prcnt	Code	Value and Description
129216	52.8	1	
		-	Unit number
1	0.0	15	

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

MAARS Variable - OCC\_NUM

2007	Prcnt	Code	Value and Description
185947	76.0	0	Driver
28884	11.8	1	
		-	Occupant number
1	0.0	75	

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

MAARS Variable - PERSON\_TYPE

2007	Prcnt	Code	Value and Description
185947	76.0	1	Driver
58732	24.0	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.

2007	Prcnt	Code	Value and Description
70	0.0	0	Unknown
106	0.0	1	Front left
747	0.3	2	Front center
26558	10.9	3	Front right
6928	2.8	4	Rear left
2611	1.1	5	Rear center
9122	3.7	6	Rear right
9821	4.0	7	In body of truck
192	0.1	8	Bus passenger
97	0.0	9	Outside vehicle
185947	76.0	10	Driver
69	0.0	88	Other
2411	1.0	99	Missing data

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

## MAARS Variable - AGE

2007	Prcnt	Code	Value and Description
1	0.0	-2	
32747	13.4	0	Less than 1 year old
1381	0.6	1	1 year old
		-	
1	0.0	131	131 years old
4858	2.0	999	Missing data

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

## MAARS Variable - SEX\_CODE

2007	Prcnt	Code	Value and Description
122589	50.1	1	Male
92732	37.9	2	Female
29358	12.0	9	Missing data

---

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

---

MAARS Variable - SAF\_EQUIP

2007	Prcnt	Code	Value and Description
12692	5.2	0	Not applicable
11449	4.7	1	None
2437	1.0	11	Lap belt only
2227	0.9	12	Shoulder belt only
139433	57.0	13	Shoulder / lap belt(s)
4933	2.0	14	Child / youth restraint
829	0.3	21	MC / bike helmet
19	0.0	22	MC / bike eye shield only
805	0.3	23	MC / bike helmet and shield
708	0.3	31	Air bag only
27072	11.1	32	Air bag and belt(s)
115	0.0	88	Other
41960	17.1	99	Unknown

---

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

---

MAARS Variable - EQUIP\_PROB

2007	Prcnt	Code	Value and Description
20476	8.4	0	Not applicable
Adult/Youth Restraint			
183686	75.1	1	No misuse
93	0.0	2	Belts / anchors broke
662	0.3	3	Belt(s) misused
1109	0.5	4	Air bag failed
70	0.0	8	Other
38508	15.7	9	Unknown
Child Restraint			
1	0.0	42	Facing wrong way
18	0.0	43	Not anchored correctly
5	0.0	44	Anchor not secure
24	0.0	45	Not strapped correctly
7	0.0	46	Strap / tether loose
20	0.0	47	Size / type improper

Variable 209	EJECTION	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - EJECTION

2007 Prcnt	Code	Value and Description
8811 3.6	0	Not applicable
204703 83.7	1	Not ejected or trapped
1559 0.6	2	Fully ejected
273 0.1	3	Partially ejected
1423 0.6	4	Trapped
25 0.0	8	Other
27885 11.4	9	Unknown

Variable 210	INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 0

## MAARS Variable - INJ\_SEVER

2007 Prcnt	Code	Value and Description
195920 80.1	1	Not injured
25215 10.3	2	Possible injury
18226 7.4	3	Injured
4823 2.0	4	Disabling injury
495 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

2007 Prcnt Code Value and Description

3921	96.3	1	
		-	Pedestrian Number
3	0.1	5	

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

MAARS Variable - PED\_TYPE

2007 Prcnt Code Value and Description

4073	100.0	3	Pedestrian
------	-------	---	------------

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

MAARS Variable - PERSON\_TYPE

2007 Prcnt Code Value and Description

25	0.6	0	Not applicable
3062	75.2	1	Pedestrian
806	19.8	2	Bicyclist
14	0.3	3	Other pedalcyclist
2	0.0	4	Rider of animal
2	0.0	5	In animal-drawn vehicle
15	0.4	6	Machine operator/rider
42	1.0	7	Other conveyance
12	0.3	8	Other
93	2.3	9	Unknown

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

## MAARS Variable - AGE

2007	Prcnt	Code	Value and Description
7	0.2	0	Less than 1 year old
15	0.4	1	1 year old
		-	
59	1.4	99	99 years old
202	5.0	999	Missing data

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

## MAARS Variable - SEX\_CODE

2007	Prcnt	Code	Value and Description
2559	62.8	1	Male
1488	36.5	2	Female
26	0.6	9	Missing data

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

## MAARS Variable - INJ\_SEVER

2007	Prcnt	Code	Value and Description
636	15.6	1	Not injured
1141	28.0	2	Possible injury
1606	39.4	3	Injured
570	14.0	4	Disabling injury
120	2.9	5	Fatal

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

## MAARS Variable - PED\_VISIBLE

2007	Prcnt	Code	Value and Description
116	2.8	0	Not applicable
777	19.1	1	Light clothing
1002	24.6	2	Dark clothing
1600	39.3	3	Mixed clothing
92	2.3	4	Reflective material
10	0.2	5	Head light



Variable 307:PEDESTRIAN VISIBLE (Continued)

2007	Prcnt	Code	Value and Description
7	0.2	6	Rear reflector
3	0.1	7	Head light and reflector
23	0.6	8	Other
443	10.9	9	Unknown

---

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

---

MAARS Variable - PED\_LOCATION

2007	Prcnt	Code	Value and Description
151	3.7	0	Not applicable
215	5.3	1	Shoulder
111	2.7	2	Curb
197	4.8	3	Sidewalk
134	3.3	4	Outside right-of-way
747	18.3	5	On roadway at crosswalk
2045	50.2	6	On roadway not at crosswalk
18	0.4	7	In school bus zone
18	0.4	8	In bikeway
200	4.9	88	Other
237	5.8	99	Unknown

---

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

---

MAARS Variable - PED\_OBEY

2007	Prcnt	Code	Value and Description
462	11.3	0	Not applicable
2381	58.5	1	No pedestrian signal
275	6.8	2	Obedied pedestrian signal
324	8.0	3	Disobeyed pedestrian signal
5	0.1	4	Pedestrian signal malfunction
148	3.6	8	Other
478	11.7	9	Unknown

---

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

---

MAARS Variable - CONDITION

## Variable 310:PEDESTRIAN CONDITION (Continued)

2007	Prcnt	Code	Value and Description
348	8.5	0	Not applicable
2835	69.6	1	Apparently normal
270	6.6	2	Had been drinking
13	0.3	3	Using drugs
7	0.2	4	Physical defects
19	0.5	5	Other handicaps
1	0.0	6	Ill
2	0.0	7	Fatigued
0	0.0	8	Apparently asleep
4	0.1	88	Other
574	14.1	99	Unknown

---

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

---

## MAARS Variable - MOVEMENT

2007	Prcnt	Code	Value and Description
860	21.1	51	Cross / enter at intersection
1161	28.5	52	Cross / enter not at intersection
324	8.0	53	Walking / riding with traffic
396	9.7	54	Walking / riding against traffic
82	2.0	55	Playing
372	9.1	56	Standing
71	1.7	57	Getting on/off vehicle
34	0.8	58	Push / work on vehicle
69	1.7	59	Other working
2	0.0	60	Hitchhiking
7	0.2	61	Approach / leave school bus
120	2.9	88	Other
575	14.1	99	Unknown

---

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

---

## MAARS Variable - CONTRIB\_CIRCUM1

2007	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
2270	55.7	0	Not applicable
22	0.5	1	Under influence of drugs
85	2.1	2	Under influence of alcohol
8	0.2	3	Under influence of medication
4	0.1	4	Under combined influence
15	0.4	5	Physical / mental difficulty
1	0.0	6	Fell asleep, fainted, etc.

Variable 312:CONTRIBUTING CIRCUMSTAN1 (Continued)

2007	Prcnt	Code	Value and Description
442	10.9	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
155	3.8	11	Failed to yield right-of-way
34	0.8	12	Failed to obey stop sign
25	0.6	13	Failed to obey traffic signal
11	0.3	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
12	0.3	17	Wrong way on one-way
1	0.0	18	Exceeded speed limit
0	0.0	19	Operator using cellular phone
0	0.0	20	Stopping in lane / roadway
4	0.1	21	Too fast for conditions
4	0.1	22	Followed too closely
5	0.1	23	Improper turn
4	0.1	24	Improper lane change
1	0.0	25	Improper backing
1	0.0	26	Improper passing
0	0.0	27	Improper signal
4	0.1	28	Improper parking
2	0.0	29	Interference / obstruction by passenger
Pedestrian, Cyclist: Actions Only			
766	18.8	31	Illegally in roadway
52	1.3	32	Bicycle violation
68	1.7	37	Clothing not visible
Environment Effect			
0	0.0	41	Smog, smoke
1	0.0	42	Sleet, hail, freezing rain
0	0.0	43	Blowing sand, soil, dirt
0	0.0	44	Severe crosswinds
7	0.2	45	Rain, snow
1	0.0	46	Animal
7	0.2	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
3	0.1	51	Brakes
0	0.0	52	Tires
0	0.0	53	Steering
1	0.0	54	Lights
1	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			
3	0.1	61	Wet
3	0.1	62	Icy or snow-covered

## Variable 312:CONTRIBUTING CIRCUMSTAN1 (Continued)

2007	Prcnt	Code	Value and Description
1	0.0	63	Debris or obstruction
0	0.0	64	Ruts, holes, bumps
1	0.0	65	Road under construction or maintenance
0	0.0	66	Traffic control device inoperative
0	0.0	67	Shoulder low, soft, high
8	0.2	88	Other
34	0.8	99	Missing data

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

## MAARS Variable - CONTRIB\_CIRCUM2

2007	Prcnt	Code	Value and Description
			Driver, Pedestrian, Cyclist: Condition or Actions
3028	74.3	0	Not applicable
9	0.2	1	Under influence of drugs
26	0.6	2	Under influence of alcohol
1	0.0	4	Under combined influence
4	0.1	5	Physical / mental difficulty
2	0.0	6	Fell asleep, fainted, etc.
280	6.9	7	Failed to give full time and attention
128	3.1	11	Failed to yield right-of-way
3	0.1	12	Failed to obey stop sign
19	0.5	13	Failed to obey traffic signal
27	0.7	14	Failed to obey other traffic control
3	0.1	15	Failed to keep right of center
5	0.1	17	Wrong way on one-way
13	0.3	21	Too fast for conditions
1	0.0	22	Followed too closely
5	0.1	23	Improper turn
5	0.1	24	Improper lane change
1	0.0	25	Improper backing
3	0.1	26	Improper passing
1	0.0	27	Improper signal
			Pedestrian, Cyclist: Actions Only
202	5.0	31	Illegally in roadway
63	1.5	32	Bicycle violation
156	3.8	37	Clothing not visible
			Environment Effect
2	0.0	41	Smog, smoke
7	0.2	42	Sleet, hail, freezing rain
22	0.5	45	Rain, snow
6	0.1	47	Vision obstruction (including blinded by sun / lights)
			Vehicle Defect
5	0.1	51	Brakes

Variable 313:CONTRIBUTING CIRCUMSTAN2 (Continued)

2007	Prcnt	Code	Value and Description
2	0.0	54	Lights
Road Condition			
7	0.2	61	Wet
2	0.0	62	Icy or snow-covered
7	0.2	88	Other
28	0.7	99	Missing data

---

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

---

MAARS Variable - CONTRIB\_CIRCUM3

2007	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
3659	89.8	0	Not applicable
2	0.0	1	Under influence of drugs
22	0.5	2	Under influence of alcohol
1	0.0	4	Under combined influence
2	0.0	5	Physical / mental difficulty
1	0.0	6	Fell asleep, fainted, etc.
102	2.5	7	Failed to give full time and attention
39	1.0	11	Failed to yield right-of-way
4	0.1	12	Failed to obey stop sign
3	0.1	13	Failed to obey traffic signal
12	0.3	14	Failed to obey other traffic control
2	0.0	15	Failed to keep right of center
2	0.0	17	Wrong way on one-way
2	0.0	21	Too fast for conditions
1	0.0	22	Followed too closely
3	0.1	23	Improper turn
2	0.0	24	Improper lane change
Pedestrian, Cyclist: Actions Only			
89	2.2	31	Illegally in roadway
19	0.5	32	Bicycle violation
43	1.1	37	Clothing not visible
Environment Effect			
1	0.0	42	Sleet, hail, freezing rain
13	0.3	45	Rain, snow
7	0.2	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
1	0.0	57	Trailer coupling
Road Condition			
13	0.3	61	Wet
2	0.0	62	Icy or snow-covered

## Variable 314: CONTRIBUTING CIRCUMSTAN3 (Continued)

2007 Prcnt Code Value and Description

3	0.1	88	Other
23	0.6	99	Missing data

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

## MAARS Variable - CONTRIB\_CIRCUM4

2007 Prcnt Code Value and Description

Driver, Pedestrian, Cyclist: Condition or Actions			
3920	96.2	0	Not applicable
8	0.2	1	Under influence of drugs
10	0.2	2	Under influence of alcohol
1	0.0	3	Under influence of medication
3	0.1	4	Under combined influence
31	0.8	7	Failed to give full time and attention
10	0.2	11	Failed to yield right-of-way
2	0.0	12	Failed to obey stop sign
3	0.1	13	Failed to obey traffic signal
5	0.1	14	Failed to obey other traffic control
1	0.0	17	Wrong way on one-way
1	0.0	22	Followed too closely
1	0.0	23	Improper turn
1	0.0	24	Improper lane change
Pedestrian, Cyclist: Actions Only			
15	0.4	31	Illegally in roadway
12	0.3	32	Bicycle violation
24	0.6	37	Clothing not visible
Environment Effect			
4	0.1	45	Rain, snow
Vehicle Defect			
Road Condition			
2	0.0	61	Wet
1	0.0	65	Road under construction or maintenance
1	0.0	88	Other
17	0.4	99	Missing data

---

Variable 316	FAULT	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

MAARS Variable - FAULT

2007	Prcnt	Code	Value and Description
1778	43.7	1	Yes
1429	35.1	2	No
866	21.3	9	Unknown

---

Variable 317	SUBSTANCE USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

MAARS Variable - SUBST\_USE

2007	Prcnt	Code	Value and Description
598	14.7	0	Not applicable
2645	64.9	1	None detected
173	4.2	11	Alcohol present
1	0.0	12	Illegal drug present
1	0.0	13	Medication present
3	0.1	14	Combined substances present
41	1.0	21	Alcohol contributed
2	0.0	22	Illegal drug contributed
2	0.0	23	Medication contributed
7	0.2	24	Combination contributed
6	0.1	88	Other
594	14.6	99	Unknown

---

Variable 318	IMPAIRED	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

MAARS Variable - ALCO\_DRUG\_IMPAIRED

2007	Prcnt	Code	Value and Description
318	7.8	1	Alcohol
6	0.1	2	Alcohol and drug
38	0.9	3	Drug
3711	91.1	4	Not impaired

---

Variable 319	TESTS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

MAARS Variable - TESTS

## Variable 319:TESTS (Continued)

2007	Prcnt	Code	Value and Description
2382	58.5	0	Not applicable
43	1.1	1	Test refused
4	0.1	2	Positive preliminary test
11	0.3	3	Evidence test given
13	0.3	8	Other
1620	39.8	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

2007	Prcnt	Code	Value and Description
4027	98.9	0	
5	0.1	1	
		-	BAC test results
1	0.0	34	



Maryland 2007

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 2007 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 2007 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 2007 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 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
change	133	24	Improper lane change
change	134	24	Improper lane change
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
comply	133	8	Did not comply with license restriction

Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
corner	127	3	Front right corner

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
datson/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
defect	310	4	Physical defects

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
drive	133	9	Failure to drive within a single lane
drive	134	9	Failure to drive within a single lane



## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
engine	131	59	Engine trouble
engine	132	59	Engine trouble

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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.
fainted	132	6	Fell asleep, fainted, etc.
fainted	133	6	Fell asleep, fainted, etc.
fainted	134	6	Fell asleep, fainted, etc.

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
followed	134	22	Followed too closely
followed	312	22	Followed too closely
followed	313	22	Followed too closely

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
hardtop	162	12	Hardtop
harmful	26	*	FIRST HARMFUL EVENT
harmful	27	*	SECOND HARMFUL EVENT

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
illegal	317	12	Illegal drug present
illegally	131	31	Illegally in roadway
illegally	132	31	Illegally in roadway

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
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
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

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	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



Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
missing data	160	0	Missing data
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
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

Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
pound	109	219	219 lbs.
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
rear	204	4	Rear left
rear	307	6	Rear reflector
rear-end	24	3	Same direction rear-end
recognized	157	81	Recognized VIN, inappropriate vehicle ma

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
record	101	99	No driver record
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
replaced	158	1	That VINDICATOR has made some change to
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
right-turn-on-red	312	10	Improper right-turn-on-red

Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
sand	312	43	Blowing sand, soil, dirt

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
side	124	4	Right side front quarter



## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
smog	312	41	Smog, smoke

Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
speed	134	18	Exceeded speed limit

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
support	25	8	Light support pole

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
trailer	313	57	Trailer coupling

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
utility	105	23	Sport utility vehicle

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
vision	133	47	Vision obstruction (including blinded by
vision	134	47	Vision obstruction (including blinded by

## Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
windshield	131	55	Windows / windshield
windshield	132	55	Windows / windshield

Maryland 2007 Index (continued)

Item	Var	CV	Variable Name or Code Value
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**

---

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

---

