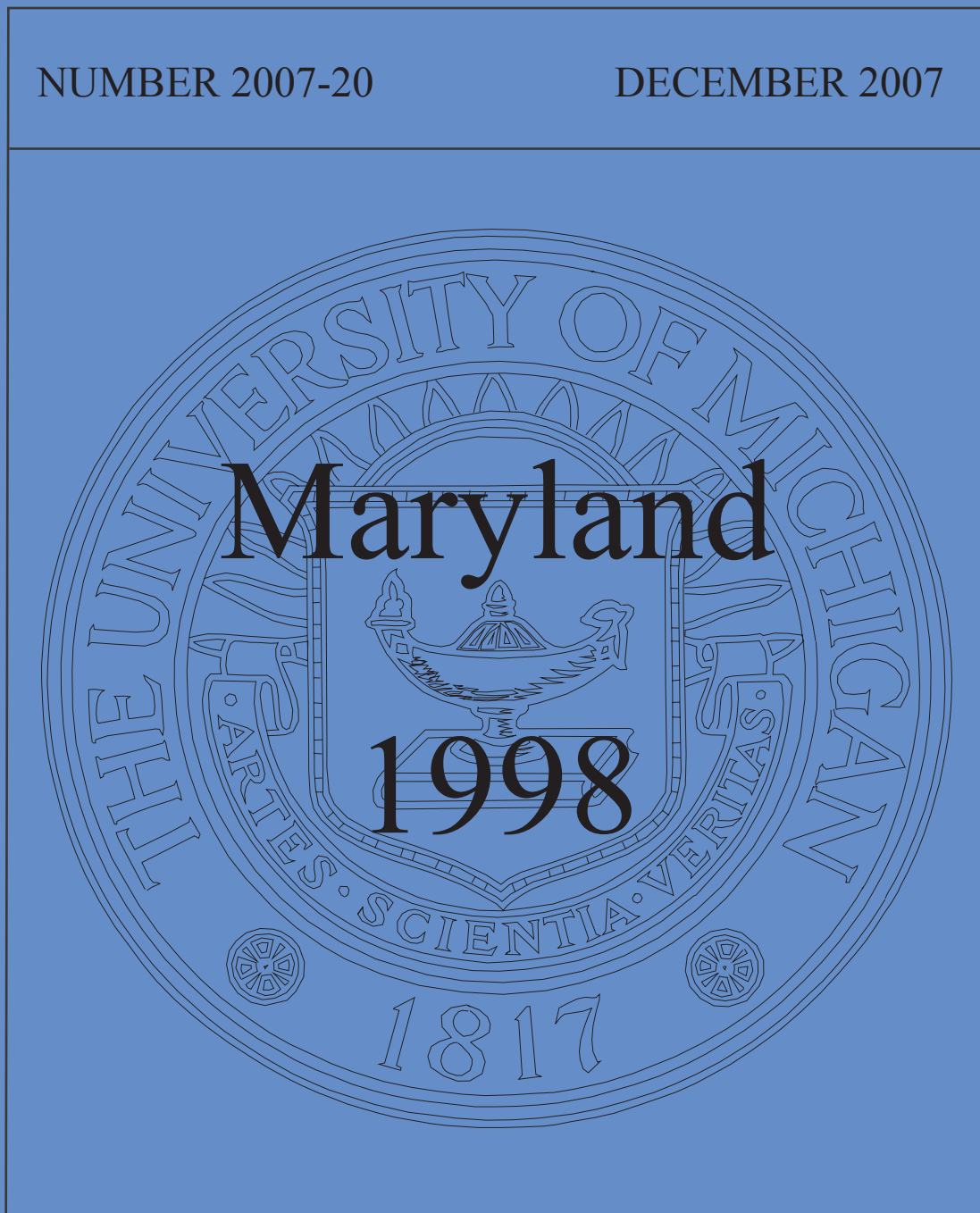


Transportation Data Center
Data Set Codebook

NUMBER 2007-20

DECEMBER 2007



The University of Michigan
Transportation Research Institute

STATE OF MARYLAND

1998 MOTOR VEHICLE ACCIDENTS

Introduction

This codebook documents datasets describing motor-vehicle traffic accidents that occurred in the State of Maryland during calendar year 1998. 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.

1998 MARYLAND DATASETS

DATASET	KEY	VARIABLES	CASES
Accident	MDC98ACC	1-31	94,039
Vehicle	MDC98VEH	1-31,101-178	174,707
Occupant	MDC98OCC	1-31,101-178,201-210	243,742
Nonmotorist	MDC98NMT	1-31,101-178,201-210, 301-320	4,504

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 1998 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 MDC98ACC, person frequencies from MDC98OCC, 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
1998 - 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	7
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	9
17	DIVIDED/UNDIVIDED	1	Numeric	9
18	ROAD CONDITION	1	Numeric	9
19	ROAD SURFACE CONDITION	1	Numeric	10
20	LIGHT	1	Numeric	10
21	WEATHER	1	Numeric	10
22	CONSTRUCTION ZONE	1	Numeric	11
23	NUMBER OF VEHICLES INVOL	2	Numeric	11
24	COLLISION TYPE	2	Numeric	11
25	FIXED OBJECT	2	Numeric	12
26	FIRST HARMFUL EVENT	2	Numeric	12
27	SECOND HARMFUL EVENT	2	Numeric	13
28	ACCIDENT SEVERITY	1	Numeric	14
29	NUMBER OF INJURIES	2	Numeric	14
30	NUMBER OF FATALITIES	2	Numeric	14
31	NUMBER OF NONMOTORISTS	2	Numeric	15

Maryland
1998 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
101	VEHICLE NUMBER	2	Numeric	17
102	VEHICLE MAKE	4	Alphabetic	17
103	VEHICLE MODEL	7	Alphabetic	17
104	VEHICLE YEAR	2	Numeric	17
105	VEHICLE BODY TYPE	2	Numeric	18
106	REGISTRATION STATE	4	Numeric	18
107	COMMERCIAL VEHICLE	1	Numeric	20
108	COMM VEHICLE BODY TYPE	2	Numeric	20
109	GVWR	6	Numeric	21
110	NUMBER OF AXLES	2	Numeric	21
111	ICC NUMBER	6	Alphabetic	21
112	USDOT NUMBER	7	Alphabetic	21
113	HAZARDOUS MATERIAL SPILL	1	Numeric	22
114	HAZMAT NUMBER	6	Alphabetic	22
115	WORST INJURY IN VEHICLE	1	Numeric	22
116	NUMBER OF OCCUPANTS	2	Numeric	22
117	NUMBER INJURED IN VEH	2	Numeric	22
118	NUMBER KILLED IN VEH	2	Numeric	23
119	DRIVERLESS VEHICLE	1	Numeric	23
120	PARKED VEHICLE	1	Numeric	23
121	FIRE	1	Numeric	23
122	HIT AND RUN	1	Numeric	24
123	SPEED LIMIT	2	Numeric	24
124	FIRST IMPACT AREA	2	Numeric	24
125	MAIN IMPACT AREA	2	Numeric	25
126	AREA DAMAGE 1	2	Numeric	26
127	AREA DAMAGE 2	2	Numeric	26
128	AREA DAMAGE 3	2	Numeric	27
129	DAMAGE EXTENT	1	Numeric	28
130	MOVEMENT	2	Numeric	28
131	CONTRIBUTING CIRCUMSTAN1	2	Numeric	28
132	CONTRIBUTING CIRCUMSTAN2	2	Numeric	30
133	CONTRIBUTING CIRCUMSTAN3	2	Numeric	31
134	CONTRIBUTING CIRCUMSTAN4	2	Numeric	33
135	DIRECTION GOING	1	Numeric	34
136	DIRECTION CONTINUING	1	Numeric	35
137	TOWED UNIT-TYPE 1	2	Numeric	35
138	TOWED UNIT-TYPE 2	2	Numeric	36
139	TOWED UNIT-TYPE 3	2	Numeric	36
140	DRIVER CONDITION	2	Numeric	37
141	DRIVER AT FAULT	1	Numeric	37
142	DRIVER LICENSE CLASS	2	Alphabetic	37
143	COMMERCIAL DRIVERS LIC	1	Numeric	37
144	DRIVER AGE	3	Numeric	38
145	DRIVER DOB	9	Alphabetic	38
146	DRIVER GENDER	1	Numeric	38
147	DRIVER SAFETY EQUIPMENT	2	Numeric	38
148	SAFETY EQUIPMENT PROBLEM	1	Numeric	39
149	DRIVER EJECTION	1	Numeric	39
150	DRIVER INJURY SEVERITY	1	Numeric	39

Maryland
1998 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
151	DRIVER IMPAIRED	1	Numeric	40
152	SUBSTANCE USE	2	Numeric	40
153	DRIVER TESTS	1	Numeric	40
154	DRIVER BAC	2	Numeric	41
155	RESIDENCE STATE	4	Numeric	41
156	DRIVER ZIP CODE	5	Alphabetic	42
157	VINDICATOR - IERR	2	Numeric	43
158	VINDICATOR - ALTSW	1	Numeric	43
159	VINDICATOR - YEAR	4	Numeric	44
160	VINDICATOR - MAKE	2	Numeric	44
161	VINDICATOR - MAKE/MODEL	7	Numeric	46
162	VINDICATOR - BODY	2	Numeric	97
163	VINDICATOR - VEHTP	1	Numeric	98
164	VINDICATOR - SIZE	1	Numeric	98
165	VINDICATOR - STYLE CLASS	2	Numeric	99
166	VINDICATOR - WEIGHT	4	Numeric	99
167	VINDICATOR - WHLBS	5	Numeric	100
168	VINDICATOR - LENGTH	5	Numeric	100
169	VINDICATOR - WIDTH	4	Numeric	100
170	VINDICATOR - HEIGHT	4	Numeric	101
171	VINDICATOR - RSTN	1	Numeric	101
172	VINDICATOR - ATD/DRL	25	Alphabetic	101
173	VINDICATOR - MINHP	3	Numeric	101
174	VINDICATOR - MAXHP	3	Numeric	102
175	VINDICATOR - ABS	3	Numeric	102
176	VINDICATOR - TRANS	2	Numeric	104
177	VINDICATOR - ENGINE	3	Numeric	104
178	VEHICLE IDENTIFICATION #	17	Alphabetic	104

Maryland
1998 - 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	105
202	OCCUPANT NUMBER	2	Numeric	105
203	OCCUPANT TYPE	1	Numeric	105
204	SEAT POSITION	2	Numeric	106
205	AGE	3	Numeric	106
206	GENDER	1	Numeric	106
207	SAFETY EQUIPMENT	2	Numeric	107
208	SAFETY EQUIPMENT PROBLEM	2	Numeric	107
209	EJECTION	1	Numeric	108
210	INJURY SEVERITY	1	Numeric	108

Maryland
1998 - Nonmotorist

Variable Number	Variable Name	Width	Storage Type	Page Number
301	UNIT NUMBER	2	Numeric	109
302	PERSON TYPE	1	Numeric	109
303	NONMOTORIST TYPE	1	Numeric	109
304	AGE	3	Numeric	110
305	GENDER	1	Numeric	110
306	INJURY SEVERITY	1	Numeric	110
307	PEDESTRIAN VISIBLE	1	Numeric	110
308	PEDESTRIAN LOCATION	2	Numeric	111
309	DID PED OBEY SIGNAL	1	Numeric	111
310	PEDESTRIAN CONDITION	2	Numeric	112
311	PEDESTRIAN MOVEMENT	2	Numeric	112
312	CONTRIBUTING CIRCUMSTAN1	2	Numeric	112
313	CONTRIBUTING CIRCUMSTAN2	2	Numeric	114
314	CONTRIBUTING CIRCUMSTAN3	2	Numeric	115
315	CONTRIBUTING CIRCUMSTAN4	2	Numeric	116
316	FAULT	1	Numeric	117
317	SUBSTANCE USE	2	Numeric	117
318	IMPAIRED	1	Numeric	117
319	TESTS	1	Numeric	118
320	NONMOTORIST BAC	2	Numeric	118

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

1998	Prcnt	Code	Value and Description
94039	100.0	1998	1998

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

MAARS Variable - ACC_DATE

1998	Prcnt	Code	Value and Description
7885	8.4	1	January
6346	6.7	2	February
7262	7.7	3	March
7916	8.4	4	April
9108	9.7	5	May
7863	8.4	6	June
7450	7.9	7	July
7498	8.0	8	August
7446	7.9	9	September
8480	9.0	10	October
8273	8.8	11	November
8512	9.1	12	December

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

MAARS Variable - ACC_DATE

1998	Prcnt	Code	Value and Description
3185	3.4	1	- Day of Accident
1823	1.9	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

1998	Prcnt	Code	Value and Description
306	0.3	1	12:01 am
		-	
31	0.0	2359	11:59 pm
0	0.0	2400	Midnight
22	0.0	9999	Unknown

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

MAARS Variable - COUNTY

1998	Prcnt	Code	Value and Description
1010	1.1	1	Allegany
7992	8.5	2	Anne Arundel
12891	13.7	3	Baltimore
949	1.0	4	Calvert
409	0.4	5	Caroline
1836	2.0	6	Carroll
1377	1.5	7	Cecil
2224	2.4	8	Charles
517	0.5	9	Dorchester
2792	3.0	10	Frederick
589	0.6	11	Garrett
2967	3.2	12	Harford
4060	4.3	13	Howard
211	0.2	14	Kent
12756	13.6	15	Montgomery
14574	15.5	16	Prince Georges
689	0.7	17	Queen Anne's
1220	1.3	18	St. Mary's
389	0.4	19	Somerset

Variable 6:COUNTY CODE (Continued)

1998 Prcnt	Code	Value and Description
804	0.9	20 Talbot
2590	2.8	21 Washington
1840	2.0	22 Wicomico
1309	1.4	23 Worcester
18044	19.2	24 Baltimore City

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

MAARS Variable - MUNI_CODE

1998 Prcnt	Code	Value and Description
80610	85.7	0 Not applicable
187	0.2	1 Aberdeen
5	0.0	2 Accident
660	0.7	3 Annapolis
6	0.0	4 Barclay
5	0.0	6 Barton
201	0.2	7 Bel Air
47	0.0	8 Berlin
52	0.1	9 Berwyn Heights
2	0.0	10 Betterton
284	0.3	11 Bladensburg
21	0.0	12 Boonsboro
305	0.3	13 Bowie
28	0.0	14 Brentwood
6	0.0	15 Brookeville
33	0.0	17 Brunswick
199	0.2	19 Cambridge
74	0.1	20 Capitol Heights
71	0.1	21 New Carrollton
7	0.0	22 Cecilton
29	0.0	23 Centreville
5	0.0	24 Charlestown
31	0.0	25 Cheseapeake Beach
5	0.0	26 Cheseapeake City
52	0.1	27 Chesterton
75	0.1	28 Cheverly
3	0.0	29 ChevyChase #3
6	0.0	30 ChevyChase #4
2	0.0	31 ChevyChase #5
14	0.0	32 Chevy Chase View
82	0.1	33 Chevy Chase Village
1	0.0	34 Church Creek
2	0.0	35 Church Hill
8	0.0	36 Clearspring
590	0.6	37 College Park
7	0.0	38 Colman Manor
27	0.0	39 Cottage City

Variable 7:MUNICIPALITY (Continued)

1998	Prcnt	Code	Value and Description
32	0.0	40	Crisfield
224	0.2	41	Cumberland
5	0.0	42	Deer Park
27	0.0	43	Delmar
28	0.0	44	Denton
55	0.1	45	District Heights
1	0.0	47	Eagle Harbor
2	0.0	48	East New Market
365	0.4	49	Easton
25	0.0	50	Edmonston
3	0.0	51	Eldorado
208	0.2	52	Elkton
29	0.0	53	Emmitsburg
27	0.0	54	Fairmont Heights
23	0.0	55	Federalsburg
29	0.0	56	Forest Heights
836	0.9	57	Frederick
4	0.0	58	Friendship Heights
8	0.0	59	Friendsville
84	0.1	60	Frostburg
66	0.1	61	Fruitland
10	0.0	62	Funkstown
855	0.9	63	Gaithersburg
7	0.0	64	Galena
5	0.0	66	Garrett Park
63	0.1	67	Glen Arden
6	0.0	69	Goldsboro
7	0.0	70	Grantsville
389	0.4	71	Greenbelt
5	0.0	72	Greensboro
1050	1.1	73	Hagerstown
59	0.1	74	Hampstead
35	0.0	75	Hancock
131	0.1	76	Havre de Grace
1	0.0	77	Hebron
4	0.0	78	Henderson
3	0.0	81	Hurlock
272	0.3	82	Hyattsville
29	0.0	83	Indian Head
6	0.0	84	Keedysville
69	0.1	85	Kensington
2	0.0	86	Kitzmilller
14	0.0	87	Landover Hills
138	0.1	88	La Plata
374	0.4	89	Laurel
13	0.0	90	Laytonsville
78	0.1	91	Leonardtwn
4	0.0	92	Loch Lynn Heights
5	0.0	93	Lonaconing
21	0.0	95	Manchester
8	0.0	96	Mardela Springs
1	0.0	97	Martins Addition

Variable 7:MUNICIPALITY (Continued)

1998	Prcnt	Code	Value and Description
3	0.0	98	Marydel
16	0.0	99	Middletown
4	0.0	100	Midland
5	0.0	101	Millington
3	0.0	102	Morningside
44	0.0	103	Mount Airy
24	0.0	104	Mount Rainier
23	0.0	105	Mountain Lake Park
16	0.0	106	Myersville
7	0.0	107	New Market
8	0.0	108	New Windsor
15	0.0	109	North Beach
4	0.0	110	North Brentwood
20	0.0	112	North East
65	0.1	113	Oakland
1	0.0	114	Oakmont
573	0.6	115	Ocean City
1	0.0	116	Oxford
47	0.0	117	Perryville
18	0.0	118	Pittsville
82	0.1	119	Pocomoke City
17	0.0	120	Poolesville
5	0.0	121	Port Deposit
2	0.0	122	Preston
61	0.1	123	Princess Anne
5	0.0	124	Queen Anne
17	0.0	125	Queenstown
11	0.0	126	Ridgely
22	0.0	127	Rising Sun
257	0.3	128	Riverdale
1	0.0	129	Rock Hall
1196	1.3	130	Rockville
6	0.0	131	Rosemont
48	0.1	132	Saint Michaels
750	0.8	133	Salisbury
103	0.1	134	Seat Pleasant
5	0.0	135	Secretary
10	0.0	136	Sharpsburg
5	0.0	137	Sharptown
7	0.0	138	Smithsburg
5	0.0	139	Snow Hill
1	0.0	140	Somerset
4	0.0	141	Sudlersville
19	0.0	142	Sykesville
307	0.3	143	Takoma Park
35	0.0	144	Taneytown
2	0.0	145	Templeville
47	0.0	146	Thurmont
14	0.0	147	Trappe
2	0.0	148	Union Bridge
21	0.0	149	University Park
82	0.1	150	Upper Marlboro

Variable 7: MUNICIPALITY (Continued)

1998 Prcnt	Code	Value and Description
1	0.0	151 Vienna
34	0.0	152 Walkersville
11	0.0	153 Washington Grove
10	0.0	154 Westernport
329	0.3	155 Westminster
12	0.0	156 Willards
27	0.0	157 Williamsport
12	0.0	158 Woodsboro
4	0.0	159 Crofton
66	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

1998 Prcnt	Code	Value and Description
7065	7.5	1 Interstate
7861	8.4	2 US route
27811	29.6	3 Maryland route
22626	24.1	4 County route
4267	4.5	5 Municipal route
69	0.1	6 Government road
168	0.2	7 Service drive
454	0.5	8 Other public road
23718	25.2	9 Unknown

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

MAARS Variable - SIGNAL

1998 Prcnt	Code	Value and Description
19080	20.3	1 Yes
74959	79.7	2 No

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

MAARS Variable - JUNCTION

1998	Prcnt	Code	Value and Description
0	0.0	0	Not applicable
56492	60.1	1	Non-intersection
23350	24.8	2	Intersection
9895	10.5	3	Intersection related
4302	4.6	4	Driveway access

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

MAARS Variable - LANE

1998	Prcnt	Code	Value and Description
2351	2.5	0	On a ramp
25593	27.2	1	North
23203	24.7	2	South
17159	18.2	3	East
15120	16.1	4	West
3656	3.9	5	Parking lot
758	0.8	6	No lane markings or at centerline
6199	6.6	9	Unknown

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

MAARS Variable - LANE

1998	Prcnt	Code	Value and Description
2351	2.5	0	On a ramp
52110	55.4	1	Lane 1 - nearest centerline
13240	14.1	2	Lane 2
4371	4.6	3	Lane 3
985	1.0	4	Lane 4
140	0.1	5	Lane 5
17	0.0	6	Lane 6
10	0.0	7	Lane 7
2	0.0	8	Lane 8
5	0.0	9	Lane 9
1795	1.9	10	Shoulder
5573	5.9	11	Off road
601	0.6	12	Median
48	0.1	13	Crossover
80	0.1	14	Gore
762	0.8	15	Right turn lane

Variable 13: IMPACT LANE LOCATION (Continued)

1998 Prcnt		Code	Value and Description
1066	1.1	16	Left turn lane
210	0.2	17	Acceleration lane
60	0.1	18	Deceleration lane
3656	3.9	19	Parking lot
758	0.8	20	No lane markings or at centerline
6199	6.6	99	Unknown

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

MAARS Variable - RAMP

1998 Prcnt		Code	Value and Description
1561	1.7	1	Yes
92478	98.3	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

1998 Prcnt		Code	Value and Description
92478	98.3	0	Not applicable
198	0.2	1	North-West
183	0.2	2	West-North
213	0.2	3	East-North
207	0.2	4	North-East
187	0.2	5	South-East
217	0.2	6	East-South
162	0.2	7	West-South
171	0.2	8	South-West
8	0.0	9	Other
1	0.0	10	Extra
7	0.0	11	Extra
7	0.0	12	Extra

Variable 16	<u>ROADWAY CHARACTER</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

MAARS Variable - RD_CHAR

1998	Prcnt	Code	Value and Description
122	0.1	0	Not applicable
59394	63.2	1	Straight and level
14529	15.4	2	Straight and grade
2994	3.2	3	Straight and hill
6442	6.9	4	Curve and level
5728	6.1	5	Curve and grade
975	1.0	6	Curve and hill
220	0.2	7	On bridge
110	0.1	8	Other
3525	3.7	9	Unknown

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

MAARS Variable - RD_DIV

1998	Prcnt	Code	Value and Description
873	0.9	0	Not applicable
46575	49.5	1	Not divided
4306	4.6	2	One way road or street
23349	24.8	3	Divided - no barrier
15270	16.2	4	Divided - with barrier
245	0.3	8	Other
3421	3.6	9	Unknown

Variable 18	<u>ROAD CONDITION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

MAARS Variable - RD_COND

1998	Prcnt	Code	Value and Description
226	0.2	0	Not applicable
88187	93.8	1	No defects
404	0.4	2	Shoulder defect
571	0.6	3	Holes, ruts, etc.
439	0.5	4	Foreign material
506	0.5	5	Loose surface material
29	0.0	6	Obstruction not lighted
28	0.0	7	Obstruction not signaled
166	0.2	8	Other
3483	3.7	9	Unknown

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

MAARS Variable - SURF_COND

1998	Prcnt	Code	Value and Description
128	0.1	0	Not applicable
24194	25.7	1	Wet
67684	72.0	2	Dry
741	0.8	3	Snow
940	1.0	4	Ice
0	0.0	5	Mud
36	0.0	8	Other
316	0.3	9	Unknown

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

MAARS Variable - LIGHT

1998	Prcnt	Code	Value and Description
94	0.1	0	Not applicable
60234	64.1	1	Daylight
4670	5.0	2	Dawn / dusk
21198	22.5	3	Dark - light on
7522	8.0	4	Dark - no lights
24	0.0	8	Other
297	0.3	9	Unknown

Variable 21	WEATHER	Width: 1	Type: Numeric
		Dec: None	Miss: 9

MAARS Variable - WEATHER

1998	Prcnt	Code	Value and Description
88	0.1	0	Not applicable
74298	79.0	1	Clear / cloudy
780	0.8	2	Foggy
17287	18.4	3	Raining
1107	1.2	4	Snow / sleet
41	0.0	5	Severe winds
11	0.0	8	Other
427	0.5	9	Unknown

Variable 22	CONSTRUCTION_ZONE	Width: 1	Type: Numeric
		Dec: None	Miss: None

MAARS Variable - C_M_ZONE

1998	Prcnt	Code	Value and Description
2041	2.2	1	Yes
91998	97.8	2	No

Variable 23	NUMBER OF VEHICLES INVOL	Width: 2	Type: Numeric
		Dec: None	Miss: None

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

1998	Prcnt	Code	Value and Description
25208	26.8	1	One vehicle
59492	63.3	2	Two vehicles
7436	7.9	3	Three vehicles
1472	1.6	4	Four vehicles
321	0.3	5	Five vehicles
81	0.1	6	Six vehicles
16	0.0	7	Seven vehicles
7	0.0	8	Eight vehicles
3	0.0	9	Nine vehicles
2	0.0	10	Ten vehicles
1	0.0	13	Thirteen vehicles

Variable 24	COLLISION_TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: None

MAARS Variable - COLLISION_TYPE

1998	Prcnt	Code	Value and Description
2317	2.5	1	Head on
5629	6.0	2	Head on left turn
18761	20.0	3	Same direction rear-end
876	0.9	4	Same direction rear-end - right turn
1506	1.6	5	Same direction rear-end - left turn
732	0.8	6	Opposite Direction sideswipe
3332	3.5	7	Same direction sideswipe
374	0.4	8	Same direction right turn
513	0.5	9	Same direction left turn
565	0.6	10	Same direction both left turn
7540	8.0	11	Straight movement angle
495	0.5	12	Angle meets right turn
1310	1.4	13	Angle meets left turn
2986	3.2	14	Angle meets left head-on
24352	25.9	17	Single vehicle

Variable 24: COLLISION TYPE (Continued)

1998	Prcnt	Code	Value and Description
14572	15.5	88	Other
8179	8.7	99	Unknown

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

MAARS Variable - FIX_OBJ

1998	Prcnt	Code	Value and Description
68165	72.5	0	Not applicable
433	0.5	1	Bridge - overpass
713	0.8	2	Building
2423	2.6	3	Culvert - ditch
5408	5.8	4	Curb
4254	4.5	5	Guardrail - barrier
1479	1.6	6	Embankment
1101	1.2	7	Fence
1600	1.7	8	Light support pole
1533	1.6	9	Sign support pole
2578	2.7	10	Other pole
3112	3.3	11	Tree - shrubbery
75	0.1	12	Construction barrier
45	0.0	13	Crash attenuator
754	0.8	88	Other
366	0.4	99	Unknown

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

MAARS Variable - EVENT_ONE

1998	Prcnt	Code	Value and Description
354	0.4	0	Not applicable
54611	58.1	1	Other vehicle
10867	11.6	2	Parked vehicle
2879	3.1	3	Pedestrian
1052	1.1	4	Bicycle
37	0.0	5	Other pedalcycle
55	0.1	6	Other conveyance
55	0.1	7	Railway train
1335	1.4	8	Animal
17109	18.2	9	Fixed object
1007	1.1	10	Other object
835	0.9	11	Overturn
53	0.1	12	Spilled cargo
55	0.1	13	Jackknife

Variable 26: FIRST HARMFUL EVENT (Continued)

1998	Prcnt	Code	Value and Description
41	0.0	14	Units separated
469	0.5	15	Other non-collision
440	0.5	16	Off road
7	0.0	17	Downhill runaway
233	0.2	18	Explosion or fire
1332	1.4	19	Backing
792	0.8	20	U-turn
94	0.1	88	Other
327	0.3	99	Unknown

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

MAARS Variable - EVENT_TWO

1998	Prcnt	Code	Value and Description
38710	41.2	0	Not applicable
7811	8.3	1	Other vehicle
2228	2.4	2	Parked vehicle
368	0.4	3	Pedestrian
193	0.2	4	Bicycle
25	0.0	5	Other pedalcycle
71	0.1	6	Other conveyance
27	0.0	7	Railway train
69	0.1	8	Animal
9147	9.7	9	Fixed object
771	0.8	10	Other object
1998	2.1	11	Overturn
62	0.1	12	Spilled cargo
44	0.0	13	Jackknife
147	0.2	14	Units separated
169	0.2	15	Other non-collision
574	0.6	16	Off road
18	0.0	17	Downhill runaway
54	0.1	18	Explosion or fire
99	0.1	88	Other
31454	33.4	99	Unknown

<u>Variable 28</u>	<u>ACCIDENT SEVERITY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

Derived by UMTRI from occupant records in crash.

1998	Prcnt	Code	Value and Description
55214	58.7	1	No injury
15728	16.7	2	Possible injury
14977	15.9	3	Injury
7569	8.0	4	Disabling injury
551	0.6	5	Fatal

<u>Variable 29</u>	<u>NUMBER OF INJURIES</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

Derived by UMTRI from occupant records in crash.

1998	Prcnt	Code	Value and Description
55471	59.0	0	Zero injured persons
25418	27.0	1	One injured person
8306	8.8	2	Two injured persons
2804	3.0	3	Three injured persons
1122	1.2	4	Four injured persons
468	0.5	5	Five injured persons
202	0.2	6	Six injured persons
121	0.1	7	Seven injured persons
48	0.1	8	Eight injured persons
		-	
1	0.0	78	Seventy-eight injured persons

<u>Variable 30</u>	<u>NUMBER OF FATALITIES</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

Derived by UMTRI from occupant records in crash.

1998	Prcnt	Code	Value and Description
93488	99.4	0	Zero fatally injured persons
509	0.5	1	One fatally injured person
31	0.0	2	Two fatally injured persons
10	0.0	3	Three fatally injured persons
0	0.0	4	Four fatally injured persons
1	0.0	5	Five fatally injured persons

<u>Variable 31</u>	<u>NUMBER OF NONMOTORISTS</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

Derived by UMTRI from nonmotorist records in crash.

1998	Prcnt	Code	Value and Description
89700	95.4	0	Zero nonmotorists
4188	4.5	1	One nonmotorist
140	0.1	2	Two nonmotorists
9	0.0	3	Three nonmotorists
1	0.0	4	Four nonmotorists
1	0.0	5	Five nonmotorists

Variable 104:VEHICLE YEAR (Continued)

1998 Prcnt	Code	Value and Description
9973	5.7	98 1998
1001	0.6	99 1999

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

MAARS Variable - BODY_TYPE

1998 Prcnt	Code	Value and Description
1	0.0	0 Not applicable
989	0.6	1 Motorcycle
109408	62.6	2 Automobile
4668	2.7	3 Station wagon
51	0.0	4 Limousine
3608	2.1	5 Single truck (2 axles)
1033	0.6	6 Single truck (3 axles)
2731	1.6	7 Truck-tractor (cab)
10407	6.0	8 Recreational vehicle
74	0.0	9 Farm vehicle
1575	0.9	10 Transit bus
56	0.0	11 Cross country bus
1264	0.7	12 School bus
174	0.1	13 Ambulance/emergency
109	0.1	14 Ambulance/non-emergency
212	0.1	15 Fire vehicle/emergency
110	0.1	16 Fire vehicle/non-emergency
608	0.3	17 Police vehicle/emergency
934	0.5	18 Police vehicle/non-emergency
65	0.0	19 Moped
17103	9.8	20 Pickup truck
13002	7.4	21 Van
241	0.1	88 Other
6284	3.6	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

1998 Prcnt	Code	Value and Description
		UNITED STATES
107	0.1	1 (AL) Alabama
26	0.0	2 (AK) Alaska
31	0.0	4 (AZ) Arizona
24	0.0	5 (AR) Arkansas

Variable 106:REGISTRATION STATE (Continued)

1998	Prcnt	Code	Value and Description
167	0.1	6	(CA) California
38	0.0	8	(CO) Colorado
135	0.1	9	(CT) Connecticut
1332	0.8	10	(DE) Delaware
3127	1.8	11	(DC) District of Columbia
679	0.4	12	(FL) Florida
232	0.1	13	(GA) Georgia
11	0.0	15	(HI) Hawaii
14	0.0	16	(ID) Idaho
336	0.2	17	(IL) Illinois
117	0.1	18	(IN) Indiana
47	0.0	19	(IA) Iowa
27	0.0	20	(KS) Kansas
50	0.0	21	(KY) Kentucky
57	0.0	22	(LA) Louisiana
71	0.0	23	(ME) Maine
139846	80.0	24	(MD) Maryland
164	0.1	25	(MA) Massachusetts
136	0.1	26	(MI) Michigan
59	0.0	27	(MN) Minnesota
34	0.0	28	(MS) Mississippi
18	0.0	29	(MO) Missouri
14	0.0	30	(MT) Montana
32	0.0	31	(NE) Nebraska
9	0.0	32	(NV) Nevada
39	0.0	33	(NH) New Hampshire
845	0.5	34	(NJ) New Jersey
39	0.0	35	(NM) New Mexico
832	0.5	36	(NY) New York
727	0.4	37	(NC) North Carolina
107	0.1	38	(ND) North Dakota
366	0.2	39	(OH) Ohio
212	0.1	40	(OK) Oklahoma
40	0.0	41	(OR) Oregon
3458	2.0	42	(PA) Pennsylvania
25	0.0	44	(RI) Rhode Island
186	0.1	45	(SC) South Carolina
11	0.0	46	(SD) South Dakota
241	0.1	47	(TN) Tennessee
261	0.1	48	(TX) Texas
21	0.0	49	(UT) Utah
36	0.0	50	(VT) Vermont
5648	3.2	51	(VA) Virginia
42	0.0	53	(WA) Washington
868	0.5	54	(WV) West Virginia
59	0.0	55	(WI) Wisconsin
11	0.0	56	(WY) Wyoming
US TERRITORY			
1	0.0	72	(PR) Puerto Rico
1	0.0	75	(MH) Marshall Islands
2	0.0	78	(VI) Virgin Islands

Variable 106:REGISTRATION STATE (Continued)

1998 Prcnt	Code	Value and Description
		CANADA
		MEXICO
		INTERNATIONAL
1	0.0	302 (CZ) Canal Zone
		UNKNOWN
13688	7.8	9999 (UK) Unknown

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

MAARS Variable - COMMERCIAL

1998 Prcnt	Code	Value and Description
4244	2.4	1 Yes
170463	97.6	2 No

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

MAARS Variable - CV_BODY_TYPE

1998 Prcnt	Code	Value and Description
71176	40.7	0 Not applicable
177	0.1	1 Bus
305	0.2	2 Van / enclosed box
1608	0.9	3 Truck / tractor
43	0.0	4 Cargo tank
114	0.1	5 Flatbed
213	0.1	6 Dump
78	0.0	7 Concrete mixer
41	0.0	8 Auto transporter
115	0.1	9 Garbage / refuse
15	0.0	88 Other
100822	57.7	99 Unknown

Variable 109	GVWR	Width: 6	Type: Numeric
		Dec: None	Miss: 999999

MAARS Variable - GVW
Gross Vehicle Weight Rating of Commercial Vehicle

1998 Prcnt	Code	Value	Description
1	0.0	3	
3	0.0	3700	
2	0.0	10000	10,000 lbs.
		-	
1	0.0	180000	180,000 lbs.
174579	99.9	999999	Unknown

Variable 110	NUMBER OF AXLES	Width: 2	Type: Numeric
		Dec: None	Miss: 99

MAARS Variable - NUM_AXLES
Number of Axles on Commercial Vehicle

1998 Prcnt	Code	Value	Description
12	0.0	0	No axles
2	0.0	1	One axle
24	0.0	2	Two axles
20	0.0	3	Three axles
3	0.0	4	Four axles
61	0.0	5	Five axles
2	0.0	6	Six axles
174583	99.9	99	Unknown

Variable 111	ICC NUMBER	Width: 6	Type: Alphabetic
		Dec: None	Miss: None

MAARS Variable - ICC_NUM

Variable 112	USDOT NUMBER	Width: 7	Type: Alphabetic
		Dec: None	Miss: None

MAARS Variable - DOT_NUM

Variable 113	<u>HAZARDOUS MATERIAL SPILL</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

MAARS Variable - HAZMAT_SPILL

1998 Prcnt	Code	Value and Description
23 0.0	1	Yes
174684 100.0	2	No

Variable 114	<u>HAZMAT NUMBER</u>	Width: 6	Type: Alphabetic
		Dec: None	Miss: None

MAARS Variable - HZM_NUM

Variable 115	<u>WORST INJURY IN VEHICLE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

Derived by UMTRI from person records for vehicle

1998 Prcnt	Code	Value and Description
130742 74.8	1	No injury
19725 11.3	2	Possible injury
15955 9.1	3	Injured
7835 4.5	4	Disabling injury
450 0.3	5	Fatal

Variable 116	<u>NUMBER OF OCCUPANTS</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Derived by UMTRI from person records for vehicle

1998 Prcnt	Code	Value and Description
136103 77.9	1	
	-	Number of occupants
1 0.0	70	

Variable 117	<u>NUMBER INJURED IN VEH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Derived by UMTRI from person records for vehicle

1998 Prcnt	Code	Value and Description
131021 75.0	0	Zero injured

Variable 117:NUMBER INJURED IN VEH (Continued)

1998 Prcnt	Code	Value and Description
35111 20.1	1	- Number injured in vehicle
1 0.0	49	

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

Derived by UMTRI from person records for vehicle

1998 Prcnt	Code	Value and Description
174257 99.7	0	Zero killed
415 0.2	1	One killed
27 0.0	2	Two killed
8 0.0	3	Three killed

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

MAARS Variable - DRIVERLESS

1998 Prcnt	Code	Value and Description
2113 1.2	1	Yes
172594 98.8	2	No

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

MAARS Variable - PARKED

1998 Prcnt	Code	Value and Description
12435 7.1	1	Yes
162272 92.9	2	No

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

MAARS Variable - FIRE

1998 Prcnt	Code	Value and Description
269 0.2	1	Yes
174438 99.8	2	No

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

MAARS Variable - HIT_AND_RUN

1998 Prcnt	Code	Value and Description
15653 9.0	1	Yes
159054 91.0	2	No

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

MAARS Variable - SPEED_LIMIT

1998 Prcnt	Code	Value and Description
6490 3.7	0	Not applicable
493 0.3	5	5 mph
1085 0.6	10	10 mph
2972 1.7	15	15 mph
1119 0.6	20	20 mph
29321 16.8	25	25 mph
26963 15.4	30	30 mph
27036 15.5	35	35 mph
22141 12.7	40	40 mph
10155 5.8	45	45 mph
10846 6.2	50	50 mph
16835 9.6	55	55 mph
345 0.2	60	60 mph
3740 2.1	65	65 mph
2 0.0	70	70 mph
15164 8.7	99	Unknown

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

MAARS Variable - IMPACT_1ST

1998 Prcnt	Code	Value and Description
1289 0.7	0	Not applicable
35981 20.6	1	Front left
17368 9.9	2	Front right
15652 9.0	3	Front right corner
6439 3.7	4	Right side front quarter
4821 2.8	5	Right side 2nd quarter
3023 1.7	6	Right side 3rd quarter
3754 2.1	7	Right side rear quarter
3575 2.0	8	Rear right corner
17047 9.8	9	Rear right
10199 5.8	10	Rear left

Variable 124:FIRST IMPACT AREA (Continued)

1998 Prcnt	Code	Value and Description
3901	2.2	11 Rear left corner
4386	2.5	12 Left side rear quarter
3345	1.9	13 Left side 3rd quarter
5871	3.4	14 Left side 2nd quarter
7450	4.3	15 Left side front quarter
12971	7.4	16 Front left quarter
739	0.4	17 Hood
335	0.2	18 Roof / top
299	0.2	19 Trunk
142	0.1	20 Windshield
72	0.0	21 Windows
1254	0.7	22 Underside
712	0.4	23 Overturn
556	0.3	88 Other
13526	7.7	99 Unknown

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

MAARS Variable - IMPACT_MAIN

1998 Prcnt	Code	Value and Description
1937	1.1	0 Not applicable
26800	15.3	1 Front left
23219	13.3	2 Front right
13994	8.0	3 Front right corner
6852	3.9	4 Right side front quarter
4921	2.8	5 Right side 2nd quarter
3446	2.0	6 Right side 3rd quarter
3922	2.2	7 Right side rear quarter
3408	2.0	8 Rear right corner
13135	7.5	9 Rear right
13652	7.8	10 Rear left
3861	2.2	11 Rear left corner
4288	2.5	12 Left side rear quarter
3390	1.9	13 Left side 3rd quarter
6029	3.5	14 Left side 2nd quarter
7630	4.4	15 Left side front quarter
12550	7.2	16 Front left quarter
1659	0.9	17 Hood
773	0.4	18 Roof / top
528	0.3	19 Trunk
308	0.2	20 Windshield
88	0.1	21 Windows
1364	0.8	22 Underside
1606	0.9	23 Overturn
559	0.3	88 Other
14788	8.5	99 Unknown

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

MAARS Variable - AREA_DAMAGED_ONE

1998 Prcnt	Code	Value and Description
5589	3.2	0 Not applicable
42599	24.4	1 Front left
13299	7.6	2 Front right
12207	7.0	3 Front right corner
6057	3.5	4 Right side front quarter
3965	2.3	5 Right side 2nd quarter
2843	1.6	6 Right side 3rd quarter
3772	2.2	7 Right side rear quarter
4867	2.8	8 Rear right corner
14941	8.6	9 Rear right
6964	4.0	10 Rear left
3855	2.2	11 Rear left corner
4525	2.6	12 Left side rear quarter
3840	2.2	13 Left side 3rd quarter
5208	3.0	14 Left side 2nd quarter
7496	4.3	15 Left side front quarter
10703	6.1	16 Front left quarter
1150	0.7	17 Hood
328	0.2	18 Roof / top
286	0.2	19 Trunk
153	0.1	20 Windshield
75	0.0	21 Windows
1053	0.6	22 Underside
1880	1.1	23 Overturn
470	0.3	88 Other
16582	9.5	99 Unknown

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

MAARS Variable - AREA_DAMAGED_TWO

1998 Prcnt	Code	Value and Description
16385	9.4	0 Not applicable
8014	4.6	1 Front left
32865	18.8	2 Front right
8970	5.1	3 Front right corner
6336	3.6	4 Right side front quarter
3787	2.2	5 Right side 2nd quarter
3323	1.9	6 Right side 3rd quarter
2753	1.6	7 Right side rear quarter
2564	1.5	8 Rear right corner
6722	3.8	9 Rear right
12875	7.4	10 Rear left
2943	1.7	11 Rear left corner
2836	1.6	12 Left side rear quarter

Variable 127:AREA DAMAGE 2 (Continued)

1998	Prcnt	Code	Value and Description
3157	1.8	13	Left side 3rd quarter
4462	2.6	14	Left side 2nd quarter
7166	4.1	15	Left side front quarter
7917	4.5	16	Front left quarter
1631	0.9	17	Hood
547	0.3	18	Roof / top
313	0.2	19	Trunk
266	0.2	20	Windshield
96	0.1	21	Windows
766	0.4	22	Underside
697	0.4	23	Overturn
62	0.0	88	Other
37254	21.3	99	Unknown

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

MAARS Variable - AREA_DAMAGED_THREE

1998	Prcnt	Code	Value and Description
29523	16.9	0	Not applicable
4613	2.6	1	Front left
5045	2.9	2	Front right
11753	6.7	3	Front right corner
5676	3.2	4	Right side front quarter
2538	1.5	5	Right side 2nd quarter
2514	1.4	6	Right side 3rd quarter
2724	1.6	7	Right side rear quarter
2323	1.3	8	Rear right corner
2325	1.3	9	Rear right
4151	2.4	10	Rear left
3200	1.8	11	Rear left corner
2877	1.6	12	Left side rear quarter
2249	1.3	13	Left side 3rd quarter
2502	1.4	14	Left side 2nd quarter
4734	2.7	15	Left side front quarter
8072	4.6	16	Front left quarter
10362	5.9	17	Hood
846	0.5	18	Roof / top
2226	1.3	19	Trunk
494	0.3	20	Windshield
229	0.1	21	Windows
1734	1.0	22	Underside
857	0.5	23	Overturn
196	0.1	88	Other
60944	34.9	99	Unknown

Variable 129	<u>DAMAGE EXTENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

MAARS Variable - DAMAGE

1998 Prcnt	Code	Value and Description
2104	1.2	0 Not applicable
7033	4.0	1 No damage
49011	28.1	2 Superficial damage
38103	21.8	3 Functional damage
57545	32.9	4 Disabling damage
6614	3.8	5 Destroyed
26	0.0	8 Other
14271	8.2	9 Unknown

Variable 130	<u>MOVEMENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 0

MAARS Variable - MOVEMENT

1998 Prcnt	Code	Value and Description
3	0.0	0 Not applicable
60678	34.7	1 Moving constant speed
7283	4.2	2 Accelerating
22260	12.7	3 Slowing or stopping
4242	2.4	4 Starting from lane
1168	0.7	5 Starting from parked
15346	8.8	6 Stopped in traffic lane
3145	1.8	7 Changing lanes
795	0.5	8 Passing
556	0.3	9 Parking
12802	7.3	10 Parked
2867	1.6	11 Backing
14025	8.0	12 Making left turn
3605	2.1	13 Making right turn
75	0.0	14 Right-turn-on-red
910	0.5	15 Making U-turn
7438	4.3	16 Skidding
300	0.2	17 Driverless moving vehicle
11	0.0	88 Other
17198	9.8	99 Missing data

Variable 131	<u>CONTRIBUTING CIRCUMSTAN1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

MAARS Variable - CONTRIB_CIRCUM1

1998 Prcnt	Code	Value and Description
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Variable 131:CONTRIBUTING CIRCUMSTAN1 (Continued)

1998	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
88415	50.6	0	Not applicable
1008	0.6	1	Under influence of drugs
4919	2.8	2	Under influence of alcohol
203	0.1	3	Under influence of medication
180	0.1	4	Under combined influence
529	0.3	5	Physical / mental difficulty
1795	1.0	6	Fell asleep, fainted, etc.
40364	23.1	7	Failed to give full time and attention
205	0.1	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
9232	5.3	11	Failed to yield right-of-way
809	0.5	12	Failed to obey stop sign
1954	1.1	13	Failed to obey traffic signal
396	0.2	14	Failed to obey other traffic control
1278	0.7	15	Failed to keep right of center
19	0.0	16	Failed to stop for school bus
161	0.1	17	Wrong way on one-way
1123	0.6	18	Exceeded speed limit
0	0.0	19	Operator using cellular phone
0	0.0	20	Stopping in lane / roadway
6102	3.5	21	Too fast for conditions
2493	1.4	22	Followed too closely
1312	0.8	23	Improper turn
1397	0.8	24	Improper lane change
1511	0.9	25	Improper backing
591	0.3	26	Improper passing
95	0.1	27	Improper signal
404	0.2	28	Improper parking
102	0.1	29	Interference / obstruction by passenger
Pedestrian, Cyclist: Actions Only			
100	0.1	31	Illegally in roadway
12	0.0	32	Bicycle violation
18	0.0	37	Clothing not visible
Environment Effect			
29	0.0	41	Smog, smoke
263	0.2	42	Sleet, hail, freezing rain
15	0.0	43	Blowing sand, soil, dirt
34	0.0	44	Severe crosswinds
1688	1.0	45	Rain, snow
1112	0.6	46	Animal
397	0.2	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
339	0.2	51	Brakes
257	0.1	52	Tires
112	0.1	53	Steering
60	0.0	54	Lights
9	0.0	55	Windows / windshield

Variable 131:CONTRIBUTING CIRCUMSTAN1 (Continued)

1998 Prcnt	Code	Value and Description
71	0.0	56 Wheel(s)
44	0.0	57 Trailer coupling
130	0.1	58 Cargo
0	0.0	59 Engine trouble
Road Condition		
1213	0.7	61 Wet
305	0.2	62 Icy or snow-covered
309	0.2	63 Debris or obstruction
74	0.0	64 Ruts, holes, bumps
93	0.1	65 Road under construction or maintenance
41	0.0	66 Traffic control device inoperative
49	0.0	67 Shoulder low, soft, high
229	0.1	88 Other
1107	0.6	99 Missing data

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

MAARS Variable - CONTRIB_CIRCUM2

1998 Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions		
121504	69.5	0 Not applicable
166	0.1	1 Under influence of drugs
554	0.3	2 Under influence of alcohol
86	0.0	3 Under influence of medication
29	0.0	4 Under combined influence
148	0.1	5 Physical / mental difficulty
513	0.3	6 Fell asleep, fainted, etc.
12725	7.3	7 Failed to give full time and attention
347	0.2	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
7458	4.3	11 Failed to yield right-of-way
600	0.3	12 Failed to obey stop sign
1407	0.8	13 Failed to obey traffic signal
396	0.2	14 Failed to obey other traffic control
1556	0.9	15 Failed to keep right of center
24	0.0	16 Failed to stop for school bus
93	0.1	17 Wrong way on one-way
1415	0.8	18 Exceeded speed limit
0	0.0	19 Operator using cellular phone
0	0.0	20 Stopping in lane / roadway
7441	4.3	21 Too fast for conditions
4177	2.4	22 Followed too closely
1432	0.8	23 Improper turn
1752	1.0	24 Improper lane change
1048	0.6	25 Improper backing

Variable 132:CONTRIBUTING CIRCUMSTAN2 (Continued)

1998 Prcnt	Code	Value and Description
407	0.2	26 Improper passing
49	0.0	27 Improper signal
146	0.1	28 Improper parking
79	0.0	29 Interference / obstruction by passenger
Pedestrian, Cyclist: Actions Only		
25	0.0	31 Illegally in roadway
4	0.0	32 Bicycle violation
19	0.0	37 Clothing not visible
Environment Effect		
28	0.0	41 Smog, smoke
437	0.3	42 Sleet, hail, freezing rain
14	0.0	43 Blowing sand, soil, dirt
24	0.0	44 Severe crosswinds
3021	1.7	45 Rain, snow
304	0.2	46 Animal
589	0.3	47 Vision obstruction (including blinded by sun / lights)
Vehicle Defect		
210	0.1	51 Brakes
127	0.1	52 Tires
69	0.0	53 Steering
39	0.0	54 Lights
9	0.0	55 Windows / windshield
23	0.0	56 Wheel(s)
9	0.0	57 Trailer coupling
49	0.0	58 Cargo
0	0.0	59 Engine trouble
Road Condition		
2451	1.4	61 Wet
351	0.2	62 Icy or snow-covered
128	0.1	63 Debris or obstruction
72	0.0	64 Ruts, holes, bumps
77	0.0	65 Road under construction or maintenance
19	0.0	66 Traffic control device inoperative
73	0.0	67 Shoulder low, soft, high
101	0.1	88 Other
883	0.5	99 Missing data

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

MAARS Variable - CONTRIB_CIRCUM3

1998 Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions		
154157	88.2	0 Not applicable

Variable 133: CONTRIBUTING CIRCUMSTAN3 (Continued)

1998	Prcnt	Code	Value and Description
106	0.1	1	Under influence of drugs
188	0.1	2	Under influence of alcohol
29	0.0	3	Under influence of medication
31	0.0	4	Under combined influence
54	0.0	5	Physical / mental difficulty
90	0.1	6	Fell asleep, fainted, etc.
2464	1.4	7	Failed to give full time and attention
197	0.1	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
713	0.4	11	Failed to yield right-of-way
284	0.2	12	Failed to obey stop sign
459	0.3	13	Failed to obey traffic signal
239	0.1	14	Failed to obey other traffic control
725	0.4	15	Failed to keep right of center
9	0.0	16	Failed to stop for school bus
60	0.0	17	Wrong way on one-way
609	0.3	18	Exceeded speed limit
0	0.0	19	Operator using cellular phone
0	0.0	20	Stopping in lane / roadway
2125	1.2	21	Too fast for conditions
1466	0.8	22	Followed too closely
1027	0.6	23	Improper turn
867	0.5	24	Improper lane change
200	0.1	25	Improper backing
256	0.1	26	Improper passing
26	0.0	27	Improper signal
49	0.0	28	Improper parking
54	0.0	29	Interference / obstruction by passenger
Pedestrian, Cyclist: Actions Only			
20	0.0	31	Illegally in roadway
4	0.0	32	Bicycle violation
2	0.0	37	Clothing not visible
Environment Effect			
34	0.0	41	Smog, smoke
300	0.2	42	Sleet, hail, freezing rain
10	0.0	43	Blowing sand, soil, dirt
21	0.0	44	Severe crosswinds
2445	1.4	45	Rain, snow
129	0.1	46	Animal
357	0.2	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
162	0.1	51	Brakes
165	0.1	52	Tires
43	0.0	53	Steering
25	0.0	54	Lights
15	0.0	55	Windows / windshield
13	0.0	56	Wheel(s)
6	0.0	57	Trailer coupling

Variable 133:CONTRIBUTING CIRCUMSTAN3 (Continued)

1998 Prcnt	Code	Value and Description
32	0.0	58 Cargo
0	0.0	59 Engine trouble
		Road Condition
2851	1.6	61 Wet
257	0.1	62 Icy or snow-covered
96	0.1	63 Debris or obstruction
49	0.0	64 Ruts, holes, bumps
56	0.0	65 Road under construction or maintenance
28	0.0	66 Traffic control device inoperative
63	0.0	67 Shoulder low, soft, high
67	0.0	88 Other
973	0.6	99 Missing data

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

MAARS Variable - CONTRIB_CIRCUM4

1998 Prcnt	Code	Value and Description
		Driver, Pedestrian, Cyclist: Condition or Actions
165991	95.0	0 Not applicable
139	0.1	1 Under influence of drugs
56	0.0	2 Under influence of alcohol
38	0.0	3 Under influence of medication
50	0.0	4 Under combined influence
29	0.0	5 Physical / mental difficulty
34	0.0	6 Fell asleep, fainted, etc.
536	0.3	7 Failed to give full time and attention
59	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
99	0.1	11 Failed to yield right-of-way
40	0.0	12 Failed to obey stop sign
68	0.0	13 Failed to obey traffic signal
51	0.0	14 Failed to obey other traffic control
145	0.1	15 Failed to keep right of center
2	0.0	16 Failed to stop for school bus
22	0.0	17 Wrong way on one-way
176	0.1	18 Exceeded speed limit
0	0.0	19 Operator using cellular phone
0	0.0	20 Stopping in lane / roadway
541	0.3	21 Too fast for conditions
186	0.1	22 Followed too closely
228	0.1	23 Improper turn
230	0.1	24 Improper lane change
41	0.0	25 Improper backing
102	0.1	26 Improper passing
14	0.0	27 Improper signal

Variable 134: CONTRIBUTING CIRCUMSTAN4 (Continued)

1998 Prcnt	Code	Value and Description
14	0.0	28 Improper parking
14	0.0	29 Interference / obstruction by passenger
		Pedestrian, Cyclist: Actions Only
9	0.0	31 Illegally in roadway
2	0.0	32 Bicycle violation
4	0.0	37 Clothing not visible
		Environment Effect
4	0.0	41 Smog, smoke
48	0.0	42 Sleet, hail, freezing rain
1	0.0	43 Blowing sand, soil, dirt
2	0.0	44 Severe crosswinds
461	0.3	45 Rain, snow
30	0.0	46 Animal
84	0.0	47 Vision obstruction (including blinded by sun / lights)
		Vehicle Defect
52	0.0	51 Brakes
58	0.0	52 Tires
9	0.0	53 Steering
7	0.0	54 Lights
5	0.0	55 Windows / windshield
5	0.0	56 Wheel(s)
1	0.0	57 Trailer coupling
7	0.0	58 Cargo
0	0.0	59 Engine trouble
		Road Condition
3480	2.0	61 Wet
266	0.2	62 Icy or snow-covered
77	0.0	63 Debris or obstruction
26	0.0	64 Ruts, holes, bumps
44	0.0	65 Road under construction or maintenance
19	0.0	66 Traffic control device inoperative
51	0.0	67 Shoulder low, soft, high
42	0.0	88 Other
1008	0.6	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.

1998 Prcnt	Code	Value and Description
13397	7.7	0 Not applicable
44834	25.7	1 North

Variable 135:DIRECTION GOING (Continued)

1998 Prcnt	Code	Value and Description
38991	22.3	2 South
29537	16.9	3 East
27624	15.8	4 West
20324	11.6	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.

1998 Prcnt	Code	Value and Description
13411	7.7	0 Not applicable
42228	24.2	1 North
39256	22.5	2 South
30198	17.3	3 East
29279	16.8	4 West
20335	11.6	9 Unknown

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

MAARS Variable - TOWED_ONE

1998 Prcnt	Code	Value and Description
60042	34.4	0 Not applicable
975	0.6	1 One semi trailer
148	0.1	2 One semi trailer + one full trailer
603	0.3	3 One full trailer
28	0.0	4 Two full trailers
9	0.0	5 Three trailers
1350	0.8	6 Automobile
314	0.2	7 Utility trailer
50	0.0	8 Boat trailer
19	0.0	9 Camper
16	0.0	10 Travel / home trailer
4	0.0	11 Mobile home
32	0.0	12 Farm equipment
4	0.0	88 Other
111113	63.6	99 Unknown

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

MAARS Variable - TOWED_TWO

1998 Prcnt	Code	Value and Description
58706 33.6	0	Not applicable
54 0.0	1	One semi trailer
34 0.0	2	One semi trailer + one full trailer
31 0.0	3	One full trailer
4 0.0	5	Three trailers
62 0.0	6	Automobile
22 0.0	7	Utility trailer
2 0.0	8	Boat trailer
5 0.0	9	Camper
4 0.0	10	Travel / home trailer
2 0.0	11	Mobile home
6 0.0	12	Farm equipment
3 0.0	88	Other
115772 66.3	99	Unknown

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

MAARS Variable - TOWED_THREE

1998 Prcnt	Code	Value and Description
56698 32.5	0	Not applicable
93 0.1	1	One semi trailer
35 0.0	2	One semi trailer + One full trailer
49 0.0	3	One full trailer
5 0.0	4	Two full trailers
4 0.0	5	Three trailers
265 0.2	6	Automobile
26 0.0	7	Utility trailer
5 0.0	8	Boat trailer
10 0.0	9	Camper
7 0.0	10	Travel / home trailer
3 0.0	11	Mobile home
3 0.0	12	Farm equipment
4 0.0	88	Other
117500 67.3	99	Unknown

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

MAARS Variable - CONDITION

1998 Prcnt	Code	Value and Description
2412 1.4	0	Not applicable
131739 75.4	1	Apparently normal
6346 3.6	2	Had been drinking
221 0.1	3	Using drugs
150 0.1	4	Physical defects
171 0.1	5	Other handicaps
283 0.2	6	Ill
434 0.2	7	Fatigued
638 0.4	8	Apparently asleep
42 0.0	88	Other
32271 18.5	99	Unknown

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

MAARS Variable - FAULT

1998 Prcnt	Code	Value and Description
73796 42.2	1	Yes
70917 40.6	2	No
29994 17.2	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 -

1998 Prcnt	Code	Value and Description
4244 2.4	1	Yes
170463 97.6	2	No

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

MAARS Variable - AGE

1998	Prcnt	Code	Value and Description
26297	15.1	0	Less than 1 year old
11	0.0	1	1 year old
		-	
4	0.0	97	97 years old

<u>Variable 145</u>	<u>DRIVER DOB</u>	Width: 9	Type: Alphabetic
		Dec: None	Miss: None

MAARS Variable - DRIVER_DOB

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

MAARS Variable - SEX_CODE

1998	Prcnt	Code	Value and Description
93251	53.4	1	Male
60452	34.6	2	Female
21004	12.0	9	Unknown

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

MAARS Variable - SAF_EQUIP

1998	Prcnt	Code	Value and Description
4009	2.3	0	Not applicable
6774	3.9	1	None
2759	1.6	11	Lap belt only
1363	0.8	12	Shoulder belt only
114914	65.8	13	Shoulder / lap belt(s)
0	0.0	14	Child / youth restraint
300	0.2	21	MC / bike helmet
8	0.0	22	MC / bike eye shield only
410	0.2	23	MC / bike helmet and shield
327	0.2	31	Air bag only
8429	4.8	32	Air bag and belt(s)
39	0.0	88	Other
35375	20.2	99	Unknown

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

MAARS Variable - EQUIP_PROB

1998	Prcnt	Code	Value and Description
6854	3.9	0	Not applicable
132042	75.6	1	No misuse
73	0.0	2	Belts / anchors broke
811	0.5	3	Belts misused
573	0.3	4	Air bag failed
47	0.0	8	Other
34307	19.6	9	Unknown

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

MAARS Variable - EJECTION

1998	Prcnt	Code	Value and Description
5749	3.3	0	Not applicable
137720	78.8	1	Not ejected or trapped
736	0.4	2	Fully ejected
158	0.1	3	Partially ejected
635	0.4	4	Trapped
7	0.0	8	Other
29702	17.0	9	Unknown

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

MAARS Variable - INJ_SEVER

1998	Prcnt	Code	Value and Description
136172	77.9	1	No injury
17514	10.0	2	Possible injury
13800	7.9	3	Injury
6888	3.9	4	Disabling injury
333	0.2	5	Fatal

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

MAARS Variable - ALCO_DRUG_IMPAIRED

1998 Prcnt	Code	Value and Description
7447	4.3	1 Alcohol
118	0.1	2 Alcohol and drug
1205	0.7	3 Drug
165937	95.0	4 Not impaired

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

MAARS Variable - SUBST_USE

1998 Prcnt	Code	Value and Description
7489	4.3	0 Not applicable
125634	71.9	1 None detected
4465	2.6	11 Alcohol present
76	0.0	12 Illegal drug present
113	0.1	13 Medication present
58	0.0	14 Combined substances present
1481	0.8	21 Alcohol contributed
41	0.0	22 Illegal drug contributed
93	0.1	23 Medication contributed
45	0.0	24 Combination contributed
30	0.0	88 Other
35182	20.1	99 Unknown

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

MAARS Variable - TESTS

1998 Prcnt	Code	Value and Description
77513	44.4	0 Not applicable
2698	1.5	1 Test refused
873	0.5	2 Positive preliminary test
2951	1.7	3 Evidence test given
140	0.1	8 Other
90532	51.8	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

1998	Prcnt	Code	Value and Description
171525	98.2	0	
212	0.1	1	
		-	BAC test results
2	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

1998	Prcnt	Code	Value and Description
UNITED STATES			
84	0.0	1	(AL) Alabama
35	0.0	2	(AK) Alaska
60	0.0	4	(AZ) Arizona
40	0.0	5	(AR) Arkansas
328	0.2	6	(CA) California
59	0.0	8	(CO) Colorado
145	0.1	9	(CT) Connecticut
1111	0.6	10	(DE) Delaware
3324	1.9	11	(DC) District of Columbia
741	0.4	12	(FL) Florida
251	0.1	13	(GA) Georgia
17	0.0	15	(HI) Hawaii
14	0.0	16	(ID) Idaho
173	0.1	17	(IL) Illinois
84	0.0	18	(IN) Indiana
32	0.0	19	(IA) Iowa
34	0.0	20	(KS) Kansas
64	0.0	21	(KY) Kentucky
62	0.0	22	(LA) Louisiana
42	0.0	23	(ME) Maine
127204	72.8	24	(MD) Maryland
186	0.1	25	(MA) Massachusetts
126	0.1	26	(MI) Michigan
31	0.0	27	(MN) Minnesota
29	0.0	28	(MS) Mississippi
39	0.0	29	(MO) Missouri
16	0.0	30	(MT) Montana
21	0.0	31	(NE) Nebraska
22	0.0	32	(NV) Nevada
46	0.0	33	(NH) New Hampshire
708	0.4	34	(NJ) New Jersey

Variable 155:RESIDENCE STATE (Continued)

1998 Prcnt	Code	Value and Description
32	0.0	35 (NM) New Mexico
895	0.5	36 (NY) New York
566	0.3	37 (NC) North Carolina
61	0.0	38 (ND) North Dakota
310	0.2	39 (OH) Ohio
58	0.0	40 (OK) Oklahoma
35	0.0	41 (OR) Oregon
3217	1.8	42 (PA) Pennsylvania
23	0.0	44 (RI) Rhode Island
195	0.1	45 (SC) South Carolina
15	0.0	46 (SD) South Dakota
155	0.1	47 (TN) Tennessee
332	0.2	48 (TX) Texas
16	0.0	49 (UT) Utah
32	0.0	50 (VT) Vermont
4398	2.5	51 (VA) Virginia
65	0.0	53 (WA) Washington
838	0.5	54 (WV) West Virginia
47	0.0	55 (WI) Wisconsin
9	0.0	56 (WY) Wyoming

US TERRITORY

6	0.0	72 (PR) Puerto Rico
4	0.0	78 (VI) Virgin Islands

CANADA

MEXICO

INTERNATIONAL

UNKNOWN

28270	16.2	9999 (UK) Unknown
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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

1998 Prcnt	Code Value and Description
3956 2.3	-1 Invalid engine code
118041 67.6	0 No errors
9485 5.4	1 VIN has zero length
163 0.1	2 VIN contains improper characters
728 0.4	3 VIN length less than 7 characters
21959 12.6	4 VIN does not match any valid pattern
165 0.1	5 Make code not valid for VIN pattern
1983 1.1	6 VIN model year / pattern conflict
877 0.5	7 Recognized VIN, inappropriate vehicle type
68 0.0	8 Recognized VIN, inappropriate vehicle make
10627 6.1	9 Series / model key not in table
1395 0.8	10 Series / model key in table, model year invalid
35 0.0	12 VIN not in U.S. standard format (gray market vehicle)
5225 3.0	99 VIN not decoded / no VIN

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

VINDICATOR Variable - CharacterSubstitution

1998 Prcnt	Code Value and Description
149161 85.4	0 No alteration has been made
25546 14.6	1 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

1998	Prcnt	Code	Value and Description
40667	23.3	0	Missing data
123	0.1	1967	- Model year
8279	4.7	1990	
8631	4.9	1991	1991
8755	5.0	1992	1992
10302	5.9	1993	1993
11722	6.7	1994	1994
10834	6.2	1995	1995
11285	6.5	1996	1996
11380	6.5	1997	1997
8030	4.6	1998	1998
754	0.4	1999	1999

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

VINDICATOR Variable - MakeNumber

1998	Prcnt	Code	Value and Description
38663	22.1	0	Missing data
13345	7.6	1	Chevrolet/Geo
13835	7.9	2	Ford
4619	2.6	3	Pontiac
3635	2.1	4	Buick
2341	1.3	5	Plymouth
4413	2.5	6	Oldsmobile
4000	2.3	7	Dodge
1779	1.0	8	Volkswagen
3490	2.0	9	Mercury
1601	0.9	10	Cadillac
39	0.0	11	AMC/Eagle
1691	1.0	12	Chrysler
1204	0.7	13	Lincoln
1284	0.7	14	Opel/Isuzu
7578	4.3	15	Datsun/Nissan
12027	6.9	16	Toyota
12	0.0	17	Capri/Merkur
3754	2.1	18	Mazda
28	0.0	19	Fiat/Bertone
1291	0.7	20	Volvo
237	0.1	21	Audi
232	0.1	22	Dodge/Mitsubishi
9318	5.3	23	Honda
77	0.0	24	Porsche
5	0.0	25	MG

Variable 160:VINDICATOR - MAKE (Continued)

1998	Prcnt	Code	Value and Description
1277	0.7	26	Subaru
186	0.1	27	Chrysler/Plymouth/Mitsubishi
27	0.0	28	GMCA/Passport/Asuna
8375	4.8	29	Chevrolet/Geo Truck
2162	1.2	30	GMC Truck
12149	7.0	31	Ford Truck
4759	2.7	32	Dodge Truck
1483	0.8	33	Chrysler/Plymouth Truck
2732	1.6	34	Jeep
18	0.0	35	International
989	0.6	36	Mercedes Benz
946	0.5	37	BMW
535	0.3	38	Renault/Eagle
292	0.2	39	Saab
19	0.0	40	Peugeot
1	0.0	41	Triumph
0	0.0	42	Ferrari
0	0.0	43	Lancia
124	0.1	44	Jaguar
8	0.0	45	Alfa Romeo
1	0.0	46	Rolls Royce
0	0.0	47	Bentley
0	0.0	48	Aston Martin
0	0.0	49	Delorean
0	0.0	50	Avanti
1796	1.0	51	Mitsubishi
0	0.0	52	Lotus
4	0.0	53	Yugo
1903	1.1	54	Hyundai
195	0.1	55	Suzuki
0	0.0	56	Maserati
1649	0.9	57	Acura
0	0.0	58	TVR
26	0.0	59	Sterling
69	0.0	60	Land Rover
11	0.0	61	Daihatsu
0	0.0	62	Panther
0	0.0	63	Lamborghini
0	0.0	64	Laforza
437	0.3	65	Lexus
311	0.2	66	Infiniti
1429	0.8	67	Saturn
291	0.2	68	Kia
1	0.0	69	AM General
0	0.0	70	Daewoo
0	0.0	71	GEM
0	0.0	72	Mini
0	0.0	73	Maybach
4	0.0	74	Scion

Variable 161	VINDICATOR - MAKE/MODEL	Width: 7	Type: Numeric
		Dec: None	Miss: 0

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

1998 Prcnt	Code	Value and Description
38663	22.1	0 Make/model data missing
1145	0.7	100000 Chevrolet Unknown Series Model
40	0.0	100100 Chevrolet Nova 2D
9	0.0	100101 Chevrolet Nova 2D Nova
9	0.0	100114 Chevrolet Nova 2D Custom
1	0.0	100122 Chevrolet Nova 2D Concours
12	0.0	100206 Chevrolet Chevelle 4D Malibu
6	0.0	100238 Chevrolet Chevelle 4D Malibu Classic
240	0.1	100300 Chevrolet Monte Carlo 2D
18	0.0	100304 Chevrolet Monte Carlo 2D 300
36	0.0	100366 Chevrolet Monte Carlo 2D Z34
90	0.1	100369 Chevrolet Monte Carlo 2D LS
2	0.0	100500 Chevrolet Bel Air 4D
7	0.0	100600 Chevrolet Impala 2D
15	0.0	100614 Chevrolet Impala 2D Custom
1	0.0	100615 Chevrolet Impala 2D SS
3	0.0	100700 Chevrolet Caprice 2D
15	0.0	100714 Chevrolet Caprice 2D Custom
22	0.0	100739 Chevrolet Caprice 2D Classic
637	0.4	100800 Chevrolet Camaro 2D
4	0.0	100836 Chevrolet Camaro 2D Type LT
22	0.0	100840 Chevrolet Camaro 2D Berlinetta
217	0.1	100845 Chevrolet Camaro 2D Z28
81	0.0	100900 Chevrolet Corvette 2D
5	0.0	100935 Chevrolet Corvette 2D Sport
1	0.0	100960 Chevrolet Corvette 2D ZR1
1	0.0	101200 Chevrolet Vega
11	0.0	101700 Chevrolet Impala SW
17	0.0	101800 Chevrolet Caprice SW
5	0.0	101826 Chevrolet Caprice SW Estate
109	0.1	101839 Chevrolet Caprice SW Classic
1	0.0	101905 Chevrolet Chevelle 2D 300 Deluxe
42	0.0	101906 Chevrolet Chevelle 2D Malibu
9	0.0	102000 Chevrolet El Camino
5	0.0	102009 Chevrolet El Camino El Camino Custom
7	0.0	102039 Chevrolet El Camino Classic
1	0.0	102137 Chevrolet Monza 2D 2+2
348	0.2	102200 Chevrolet Nova 4D
2	0.0	102201 Chevrolet Nova 4D Nova
2	0.0	102214 Chevrolet Nova 4D Custom
2	0.0	102222 Chevrolet Nova 4D Concours
1	0.0	102333 Chevrolet Laguna 2D Laguna S-3
70	0.0	102600 Chevrolet Impala 4D
3	0.0	102635 Chevrolet Impala 4D Sport
691	0.4	102700 Chevrolet Caprice 4D
4	0.0	102729 Chevrolet Caprice 4D Classic LS/LTZ
2	0.0	102735 Chevrolet Caprice 4D Sport
437	0.3	102739 Chevrolet Caprice 4D Classic

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998 Prcnt	Code	Value and Description
11	0.0	102744 Chevrolet Caprice 4D Classic LS/Impala SS
37	0.0	102756 Chevrolet Caprice 4D Brougham
38	0.0	102767 Chevrolet Caprice 4D Classic/LTZ
208	0.1	102770 Chevrolet Caprice 4D Classic/Impala SS
39	0.0	102800 Chevrolet Chevette 2D
8	0.0	102846 Chevrolet Chevette 2D Scooter
5	0.0	103100 Chevrolet Malibu 2D
13	0.0	103138 Chevrolet Malibu 2D Malibu Classic
171	0.1	103200 Chevrolet Malibu 4D
32	0.0	103238 Chevrolet Malibu 4D Malibu Classic
61	0.0	103269 Chevrolet Malibu 4D LS
18	0.0	103300 Chevrolet Malibu SW
15	0.0	103338 Chevrolet Malibu SW Malibu Classic
53	0.0	103500 Chevrolet Chevette 4D
7	0.0	103546 Chevrolet Chevette 4D Scooter
10	0.0	103600 Chevrolet Citation 2D
22	0.0	103700 Chevrolet Citation 4D
1002	0.6	103800 Chevrolet Cavalier 2D
42	0.0	103847 Chevrolet Cavalier 2D Type 10
7	0.0	103849 Chevrolet Cavalier 2D CS
32	0.0	103853 Chevrolet Cavalier 2D RS
269	0.2	103854 Chevrolet Cavalier 2D Z24
349	0.2	103872 Chevrolet Cavalier 2D Base/RS
989	0.6	103900 Chevrolet Cavalier 4D
90	0.1	103949 Chevrolet Cavalier 4D CS
17	0.0	103953 Chevrolet Cavalier 4D RS
161	0.1	103969 Chevrolet Cavalier 4D LS
167	0.1	104000 Chevrolet Cavalier SW
31	0.0	104049 Chevrolet Cavalier SW CS
3	0.0	104053 Chevrolet Cavalier SW RS
40	0.0	104100 Chevrolet Celebrity 2D
463	0.3	104200 Chevrolet Celebrity 4D
10	0.0	104300 Chevrolet Cavalier Conv
2	0.0	104347 Chevrolet Cavalier Conv Type 10
1	0.0	104350 Chevrolet Cavalier Conv CL
4	0.0	104353 Chevrolet Cavalier Conv RS
13	0.0	104354 Chevrolet Cavalier Conv Z24
11	0.0	104369 Chevrolet Cavalier Conv LS
221	0.1	104400 Chevrolet Celebrity SW
20	0.0	104500 Chevrolet Sprint 2D
1	0.0	104557 Chevrolet Sprint 2D ER
46	0.0	104600 Chevrolet Spectrum 2D
7	0.0	104651 Chevrolet Spectrum 2D Level I
69	0.0	104700 Chevrolet Spectrum 4D
18	0.0	104751 Chevrolet Spectrum 4D Level I
9	0.0	104800 Chevrolet Sprint 4D
4	0.0	104855 Chevrolet Sprint 4D Plus
23	0.0	104900 Chevrolet Corvette Conv
1	0.0	104942 Chevrolet Corvette Conv Sting Ray
522	0.3	105000 Chevrolet Corsica 4D
339	0.2	105016 Chevrolet Corsica 4D LT
12	0.0	105058 Chevrolet Corsica 4D LTZ

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998 Prcnt	Code	Value and Description
375	0.2	105100 Chevrolet Beretta 2D
88	0.1	105159 Chevrolet Beretta 2D GT
8	0.0	105165 Chevrolet Beretta 2D GTZ
31	0.0	105168 Chevrolet Beretta 2D Z26
36	0.0	105200 Chevrolet Camaro Conv
3	0.0	105300 Chevrolet Geo Metro 2D
314	0.2	105317 Chevrolet Geo Metro 2D Base/LSI
2	0.0	105318 Chevrolet Geo Metro 2D Base/XFI
27	0.0	105361 Chevrolet Geo Metro 2D LSI
12	0.0	105364 Chevrolet Geo Metro 2D XFI
186	0.1	105417 Chevrolet Geo Metro 4D Base/LSI
77	0.0	105461 Chevrolet Geo Metro 4D LSI
321	0.2	105500 Chevrolet Geo Prizm 4D
512	0.3	105517 Chevrolet Geo Prizm 4D Base/LSI
8	0.0	105562 Chevrolet Geo Prizm 4D GSI
420	0.2	105600 Chevrolet Lumina 4D
6	0.0	105658 Chevrolet Lumina 4D LTZ
126	0.1	105663 Chevrolet Lumina 4D Eurosport
31	0.0	105669 Chevrolet Lumina 4D LS
251	0.1	105673 Chevrolet Lumina 4D Base/LS
14	0.0	105700 Chevrolet Lumina 2D
46	0.0	105763 Chevrolet Lumina 2D Eurosport
13	0.0	105766 Chevrolet Lumina 2D Z34
27	0.0	105861 Chevrolet Geo Metro Conv LSI
203	0.1	105900 Chevrolet Geo Storm 2D
44	0.0	105962 Chevrolet Geo Storm 2D GSI
13	0.0	106000 Chevrolet Geo Storm 2D SW
712	0.4	200000 Ford Unknown Series Model
1	0.0	200102 Ford Falcon 2D Futura
6	0.0	200200 Ford Maverick 2D
1	0.0	200334 Ford LTD II 4D S
1	0.0	200434 Ford LTD II 2D S
4	0.0	200604 Ford Galaxie 2D 500
1	0.0	200609 Ford Galaxie 2D 500 XL
11	0.0	200700 Ford LTD 2D
1	0.0	200721 Ford LTD 2D Brougham
2	0.0	200733 Ford LTD 2D Landau
22	0.0	200737 Ford LTD 2D Crown Victoria
7	0.0	200750 Ford LTD 2D Crown Victoria LX
280	0.2	200800 Ford Mustang 2D
17	0.0	200808 Ford Mustang 2D Cobra
266	0.2	200810 Ford Mustang 2D GT
2	0.0	200820 Ford Mustang 2D Mach1
5	0.0	200831 Ford Mustang 2D Ghia
11	0.0	200842 Ford Mustang 2D L
7	0.0	200844 Ford Mustang 2D GL
497	0.3	200845 Ford Mustang 2D LX
399	0.2	200900 Ford Thunderbird 2D
343	0.2	200945 Ford Thunderbird 2D LX
12	0.0	200952 Ford Thunderbird 2D Sport
28	0.0	200953 Ford Thunderbird 2D Turbo
26	0.0	200958 Ford Thunderbird 2D Super

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
1	0.0	201217	Ford Custom 500 SW Ranch Wagon
9	0.0	201300	Ford Pinto 2D
2	0.0	201514	Ford Ranchero Ranchero 500
2	0.0	201522	Ford Ranchero GT Ranchero
1	0.0	201603	Ford Ford SW Country Sedan
1	0.0	201611	Ford Ford SW Country Squire
4	0.0	201636	Ford Ford SW LTD
1	0.0	201700	Ford Pinto 2D SW
8	0.0	201800	Ford Maverick 4D
1	0.0	201900	Ford Elite
11	0.0	202000	Ford Granada 2D
3	0.0	202042	Ford Granada 2D L
8	0.0	202100	Ford Granada 4D
1	0.0	202131	Ford Granada 4D Ghia
15	0.0	202142	Ford Granada 4D L
4	0.0	202204	Ford Galaxie 4D 500
14	0.0	202300	Ford LTD/Crown Victoria 4D
1127	0.6	202315	Ford LTD/Crown Victoria 4D Crown Victoria Police
59	0.0	202316	Ford LTD/Crown Victoria 4D Crown Victoria STD
3	0.0	202321	Ford LTD/Crown Victoria 4D Brougham
4	0.0	202333	Ford LTD/Crown Victoria 4D Landau
1	0.0	202334	Ford LTD/Crown Victoria 4D S
179	0.1	202337	Ford LTD/Crown Victoria 4D Crown Victoria
316	0.2	202350	Ford LTD/Crown Victoria 4D Crown Victoria LX
243	0.1	202351	Ford LTD 4D Crown Victoria S
1	0.0	202360	Ford LTD 4D Crown Victoria Tour
2	0.0	202400	Ford Custom 500 4D
11	0.0	202500	Ford Fairmont 2D
23	0.0	202600	Ford Fairmont 4D
17	0.0	202700	Ford Fairmont SW
2	0.0	202800	Ford Fiesta 2D
4	0.0	202900	Ford Fairmont Futura 2D
21	0.0	202902	Ford Fairmont Futura 2D Futura
2	0.0	203100	Ford Courier Long Pickup
1	0.0	203300	Ford Torino 2D
1	0.0	203304	Ford Torino 2D 500
1	0.0	203307	Ford Torino 2D Torino GT
1	0.0	203324	Ford Torino 2D Grand Torino
1	0.0	203332	Ford Torino 2D Grand Torino Elite
1	0.0	203400	Ford Torino 4D
1	0.0	203404	Ford Torino 4D 500
1	0.0	203602	Ford Falcon 4D Futura
2	0.0	203804	Ford Fairlane 4D 500
1	0.0	203805	Ford Fairlane 4D Torino
1	0.0	203806	Ford Fairlane 4D Torino Brougham
2	0.0	204000	Ford LTD SW
36	0.0	204011	Ford LTD SW Country Squire
10	0.0	204037	Ford LTD SW Crown Victoria
7	0.0	204050	Ford LTD SW Crown Victoria LX
21	0.0	204054	Ford LTD SW Country Squire LX
2	0.0	204100	Ford Escort 2D
20	0.0	204142	Ford Escort 2D L

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
1	0.0	204143	Ford Escort 2D GLX
6	0.0	204144	Ford Escort 2D GL
3	0.0	204200	Ford Escort SW
11	0.0	204242	Ford Escort SW L
2	0.0	204244	Ford Escort SW GL
1	0.0	204245	Ford Escort SW LX
1	0.0	204500	Ford EXP 2D
17	0.0	204547	Ford EXP 2D Escort EXP Sport
12	0.0	204555	Ford EXP 2D Escort EXP Luxury
2	0.0	204600	Ford Escort 4D
9	0.0	204642	Ford Escort 4D L
2	0.0	204643	Ford Escort 4D GLX
4	0.0	204644	Ford Escort 4D GL
1	0.0	204645	Ford Escort 4D LX
3	0.0	204742	Ford Granada SW L
15	0.0	204800	Ford Fairmont Futura 4D
7	0.0	204834	Ford Fairmont Futura 4D S
25	0.0	205100	Ford Mustang Conv
4	0.0	205108	Ford Mustang Conv Cobra
78	0.0	205110	Ford Mustang Conv GT
6	0.0	205143	Ford Mustang Conv GLX
85	0.0	205145	Ford Mustang Conv LX
130	0.1	205200	Ford LTD 4D
26	0.0	205300	Ford LTD SW
8	0.0	205442	Ford Tempo 2D 2WD L
3	0.0	205443	Ford Tempo 2D 2WD GLX
108	0.1	205444	Ford Tempo 2D 2WD GL
10	0.0	205445	Ford Tempo 2D 2WD LX
10	0.0	205452	Ford Tempo 2D 2WD Sport
7	0.0	205456	Ford Tempo 2D 2WD GLS
33	0.0	205542	Ford Tempo 4D 2WD L
8	0.0	205543	Ford Tempo 4D 2WD GLX
914	0.5	205544	Ford Tempo 4D 2WD GL
73	0.0	205545	Ford Tempo 4D 2WD LX
3	0.0	205552	Ford Tempo 4D 2WD Sport
12	0.0	205556	Ford Tempo 4D 2WD GLS
183	0.1	205601	Ford Taurus 4D LX/SE
5	0.0	205618	Ford Taurus 4D SE
30	0.0	205629	Ford Taurus 4D G
307	0.2	205642	Ford Taurus 4D L
1423	0.8	205644	Ford Taurus 4D GL
190	0.1	205645	Ford Taurus 4D LX
7	0.0	205649	Ford Taurus 4D MT-5
55	0.0	205657	Ford Taurus 4D SHO
69	0.0	205661	Ford Taurus 4D MT-5/L/GL/LX
16	0.0	205718	Ford Taurus SW SE
144	0.1	205742	Ford Taurus SW L
432	0.2	205744	Ford Taurus SW GL
133	0.1	205745	Ford Taurus SW LX
2	0.0	205749	Ford Taurus SW MT-5
26	0.0	205761	Ford Taurus SW MT-5/L/GL/LX
22	0.0	205948	Ford Tempo 4D 4WD All Wheel

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
81	0.0	206142	Ford Festiva 2D L
42	0.0	206144	Ford Festiva 2D GL
12	0.0	206145	Ford Festiva 2D LX
12	0.0	206159	Ford Festiva 2D L Plus
50	0.0	206210	Ford Escort 2D GT
12	0.0	206242	Ford Escort 2D L
78	0.0	206244	Ford Escort 2D GL
2	0.0	206245	Ford Escort 2D LX
80	0.0	206246	Ford Escort 2D Pony
37	0.0	206342	Ford Escort 4D L
68	0.0	206344	Ford Escort 4D GL
2	0.0	206345	Ford Escort 4D LX
24	0.0	206442	Ford Escort SW L
1	0.0	206443	Ford Escort SW GLX
54	0.0	206444	Ford Escort SW GL
4	0.0	206555	Ford Escort EXP 2D Escort EXP Luxury
33	0.0	206600	Ford Escort 2D
127	0.1	206610	Ford Escort 2D GT
14	0.0	206642	Ford Escort 2D L
519	0.3	206645	Ford Escort 2D LX
59	0.0	206646	Ford Escort 2D Pony
70	0.0	206663	Ford Escort 2D ZX2
29	0.0	206700	Ford Escort 4D
10	0.0	206712	Ford Escort 4D LX-E
95	0.1	206718	Ford Escort 4D SE
1007	0.6	206745	Ford Escort 4D LX
25	0.0	206818	Ford Escort SW SE
556	0.3	206845	Ford Escort SW LX
170	0.1	206900	Ford Probe 2D
136	0.1	206910	Ford Probe 2D GT
137	0.1	206944	Ford Probe 2D GL
98	0.1	206945	Ford Probe 2D LX
62	0.0	207000	Ford Aspire 4D
139	0.1	207100	Ford Aspire 2D
2	0.0	207118	Ford Aspire 2D SE
50	0.0	207201	Ford Contour 4D LX/SE
27	0.0	207218	Ford Contour 4D SE
222	0.1	207244	Ford Contour 4D GL
23	0.0	207245	Ford Contour 4D LX
51	0.0	207262	Ford Contour 4D BASE/GL
5	0.0	207264	Ford Contour 4D SVT
53	0.0	207266	Ford Contour 4D Base/GL/LX
532	0.3	300000	Pontiac Unknown Series Model
26	0.0	300100	Pontiac LeMans 4D
4	0.0	300125	Pontiac LeMans 4D LE
8	0.0	300126	Pontiac LeMans 4D SE
2	0.0	300200	Pontiac Catalina 2D
2	0.0	300300	Pontiac Executive
7	0.0	300400	Pontiac Bonneville 2D
5	0.0	300410	Pontiac Bonneville 2D Brougham
110	0.1	300500	Pontiac Grand Prix 2D
12	0.0	300510	Pontiac Grand Prix 2D Brougham

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
1	0.0	300516	Pontiac Grand Prix 2D SJ
9	0.0	300520	Pontiac Grand Prix 2D LJ
89	0.1	300525	Pontiac Grand Prix 2D LE
113	0.1	300526	Pontiac Grand Prix 2D SE
27	0.0	300533	Pontiac Grand Prix 2D GT
3	0.0	300542	Pontiac Grand Prix 2D GT/GTP
252	0.1	300600	Pontiac Firebird 2D
94	0.1	300609	Pontiac Firebird 2D Trans Am
3	0.0	300612	Pontiac Firebird 2D Espirit
3	0.0	300613	Pontiac Firebird 2D Formula 400
15	0.0	300626	Pontiac Firebird 2D SE
46	0.0	300643	Pontiac Firebird 2D Formula/Trans Am
1	0.0	301114	Pontiac Ventura 2D Custom
1	0.0	301200	Pontiac LeMans SW
3	0.0	301205	Pontiac LeMans SW Safari
9	0.0	301400	Pontiac Bonneville SW
2	0.0	301411	Pontiac Bonneville SW Grand Safari
25	0.0	301500	Pontiac LeMans 2D
6	0.0	301503	Pontiac LeMans 2D LeMans Sport
2	0.0	301504	Pontiac LeMans 2D GTO
1	0.0	301515	Pontiac LeMans 2D Luxury
2	0.0	301525	Pontiac LeMans 2D LE
5	0.0	301526	Pontiac LeMans 2D SE
2	0.0	301537	Pontiac LeMans 2D GSE
13	0.0	301538	Pontiac LeMans 2D Aero
102	0.1	301600	Pontiac Grand Am 2D
167	0.1	301625	Pontiac Grand Am 2D LE
249	0.1	301626	Pontiac Grand Am 2D SE
78	0.0	301633	Pontiac Grand Am 2D GT
66	0.0	301700	Pontiac Grand Am 4D
92	0.1	301725	Pontiac Grand Am 4D LE
461	0.3	301726	Pontiac Grand Am 4D SE
46	0.0	301733	Pontiac Grand Am 4D GT
2	0.0	302000	Pontiac Ventura 4D
8	0.0	302100	Pontiac Catalina 4D
64	0.0	302200	Pontiac Bonneville 4D
16	0.0	302210	Pontiac Bonneville 4D Brougham
84	0.0	302225	Pontiac Bonneville 4D LE
168	0.1	302226	Pontiac Bonneville 4D SE
34	0.0	302236	Pontiac Bonneville 4D SSE
5	0.0	302241	Pontiac Bonneville 4D SSEI
1	0.0	302310	Pontiac Grandville 4D Brougham
3	0.0	302400	Pontiac Sunbird 2D
6	0.0	302500	Pontiac Grand LeMans 2D
8	0.0	302600	Pontiac Grand LeMans 4D
2	0.0	302800	Pontiac Phoenix 2D
3	0.0	302900	Pontiac Phoenix 4D
2	0.0	302920	Pontiac Phoenix 4D LJ
4	0.0	303000	Pontiac J2000/2000 2D
1	0.0	303018	Pontiac J2000/2000 2D S
46	0.0	303028	Pontiac J2000/2000 2D Sunbird
140	0.1	303030	Pontiac J2000/2000 2D Sunbird LE

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
71	0.0	303031	Pontiac J2000/2000 2D Sunbird SE
13	0.0	303034	Pontiac J2000/2000 2D Sunbird GT
1	0.0	303100	Pontiac J2000/2000 4D
46	0.0	303128	Pontiac J2000/2000 4D Sunbird
77	0.0	303130	Pontiac J2000/2000 4D Sunbird LE
12	0.0	303131	Pontiac J2000/2000 4D Sunbird SE
3	0.0	303228	Pontiac J2000/2000 SW Sunbird
1	0.0	303230	Pontiac J2000/2000 SW Sunbird LE
11	0.0	303300	Pontiac T1000/1000 2D
4	0.0	303400	Pontiac T1000/1000 4D
4	0.0	303500	Pontiac 6000 2D
5	0.0	303525	Pontiac 6000 2D LE
67	0.0	303600	Pontiac 6000 4D 2WD
119	0.1	303625	Pontiac 6000 4D 2WD LE
8	0.0	303626	Pontiac 6000 4D 2WD SE
29	0.0	303627	Pontiac 6000 4D 2WD STE
21	0.0	303730	Pontiac 2000 2D Conv Sunbird LE
4	0.0	303731	Pontiac 2000 2D Conv Sunbird SE
3	0.0	303734	Pontiac 2000 2D Conv Sunbird GT
16	0.0	303800	Pontiac 6000 SW
25	0.0	303825	Pontiac 6000 SW LE
11	0.0	303900	Pontiac Fiero 2D
18	0.0	303926	Pontiac Fiero 2D SE
18	0.0	303932	Pontiac Fiero 2D Sport
13	0.0	303933	Pontiac Fiero 2D GT
18	0.0	304000	Pontiac Parisienne 4D
31	0.0	304010	Pontiac Parisienne 4D Brougham
13	0.0	304100	Pontiac Parisienne SW
13	0.0	304105	Pontiac Parisienne SW Safari
66	0.0	304425	Pontiac Grand Prix 4D LE
149	0.1	304426	Pontiac Grand Prix 4D SE
8	0.0	304427	Pontiac Grand Prix 4D STE
23	0.0	304433	Pontiac Grand Prix 4D GT
67	0.0	304500	Pontiac Trans Sport Van SWB
18	0.0	304600	Pontiac Trans Sport Cargo Van LWB
1	0.0	304700	Pontiac Firebird Conv
3	0.0	304743	Pontiac Firebird Conv Formula/Trans Am
178	0.1	304826	Pontiac Sunfire 2D SE
25	0.0	304833	Pontiac Sunfire 2D GT
100	0.1	304926	Pontiac Sunfire 4D SE
13	0.0	305026	Pontiac Sunfire Conv SE
425	0.2	400000	Buick Unknown Series Model
35	0.0	400100	Buick Century 4D
344	0.2	400103	Buick Century 4D Custom
195	0.1	400106	Buick Century 4D Special
157	0.1	400114	Buick Century 4D Limited
2	0.0	400125	Buick Century 4D T Type
4	0.0	400200	Buick LeSabre 2D
17	0.0	400203	Buick LeSabre 2D Custom
28	0.0	400214	Buick LeSabre 2D Limited
1	0.0	400300	Buick Wildcat 2D
8	0.0	400414	Buick Electra 2D RWD Limited

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
4	0.0	400420	Buick Electra 2D RWD Park Avenue
57	0.0	400500	Buick Riviera 2D
1	0.0	400525	Buick Riviera 2D T Type
8	0.0	400528	Buick Riviera 2D Luxury
1	0.0	400600	Buick Century 2D
20	0.0	400603	Buick Century 2D Custom
4	0.0	400614	Buick Century 2D Limited
1	0.0	400623	Buick Century 2D 350
1	0.0	400710	Buick Special Sport Wagon Sportwagon
7	0.0	400900	Buick Estate Wagon
20	0.0	400933	Buick Estate Wagon Roadmaster
2	0.0	401000	Buick Century SW
32	0.0	401003	Buick Century SW Custom
11	0.0	401006	Buick Century SW Special
11	0.0	401011	Buick Century SW Estate
1	0.0	401014	Buick Century SW Limited
35	0.0	401100	Buick Skylark 2D
37	0.0	401103	Buick Skylark 2D Custom
3	0.0	401113	Buick Skylark 2D Custom/LTD/Gran Sport
6	0.0	401114	Buick Skylark 2D Limited
1	0.0	401116	Buick Skylark 2D Skylark S
1	0.0	401125	Buick Skylark 2D T Type
5	0.0	401131	Buick Skylark 2D Grand Sport
7	0.0	401200	Buick Skyhawk 2D
19	0.0	401203	Buick Skyhawk 2D Custom
4	0.0	401214	Buick Skyhawk 2D Limited
8	0.0	401217	Buick Skyhawk 2D Sport
1	0.0	401225	Buick Skyhawk 2D T Type
141	0.1	401300	Buick Skylark 4D
146	0.1	401303	Buick Skylark 4D Custom
28	0.0	401313	Buick Skylark 4D Custom/LTD/Gran Sport
28	0.0	401314	Buick Skylark 4D Limited
3	0.0	401328	Buick Skylark 4D Luxury
4	0.0	401331	Buick Skylark 4D Gran Sport
4	0.0	401400	Buick LeSabre 4D
405	0.2	401403	Buick LeSabre 4D Custom
223	0.1	401414	Buick LeSabre 4D Limited
5	0.0	401500	Buick Electra 4D RWD
3	0.0	401503	Buick Electra 4D RWD Custom
11	0.0	401514	Buick Electra 4D RWD Limited
21	0.0	401520	Buick Electra 4D RWD Park Avenue
106	0.1	401700	Buick Regal 2D RWD
53	0.0	401714	Buick Regal 2D RWD Limited
21	0.0	401718	Buick Regal 2D RWD Regal Limited
7	0.0	401725	Buick Regal 2D RWD T Type
17	0.0	402100	Buick Regal 4D RWD
6	0.0	402114	Buick Regal 4D RWD Limited
4	0.0	402118	Buick Regal 4D RWD Regal Limited
19	0.0	402311	Buick LeSabre SW Estate
20	0.0	402411	Buick Electra SW RWD Estate
2	0.0	402500	Buick Skyhawk 4D
11	0.0	402503	Buick Skyhawk 4D Custom

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
7	0.0	402514	Buick Skyhawk 4D Limited
3	0.0	402517	Buick Skyhawk 4D Sport
2	0.0	402611	Buick Regal SW Estate
1	0.0	402700	Buick Riviera 2D Conv
3	0.0	402803	Buick Skyhawk SW Custom
2	0.0	402920	Buick Electra/Park Avenue 2D Park Avenue
1	0.0	402925	Buick Electra/Park Avenue 2D T Type
8	0.0	403000	Buick Electra/Park Avenue 4D
7	0.0	403014	Buick Electra/Park Avenue 4D Limited
234	0.1	403020	Buick Electra/Park Avenue 4D Park Avenue
4	0.0	403025	Buick Electra/Park Avenue 4D T Type
18	0.0	403029	Buick Electra/Park Avenue 4D Park Avenue Ultra
19	0.0	403103	Buick Somerset 2D Custom
5	0.0	403114	Buick Somerset 2D Limited
9	0.0	403118	Buick Somerset 2D Regal Limited
9	0.0	403126	Buick Somerset 2D Regal
90	0.1	403203	Buick Regal 2D FWD Custom
55	0.0	403214	Buick Regal 2D FWD Limited
3	0.0	403215	Buick Regal 2D FWD Custom/Gran Sport
8	0.0	403231	Buick Regal 2D FWD Gran Sport
10	0.0	403300	Buick Reatta 2D
154	0.1	403503	Buick Regal 4D FWD Custom
5	0.0	403504	Buick Regal 4D FWD GS
30	0.0	403514	Buick Regal 4D FWD Limited
10	0.0	403531	Buick Regal 4D FWD Gran Sport
19	0.0	403532	Buick Regal 4D FWD LS
47	0.0	403700	Buick Roadmaster 4D
38	0.0	403714	Buick Roadmaster 4D Limited
21	0.0	403800	Buick Park Avenue 4D
1	0.0	403830	Buick Park Avenue 4D Ultra
166	0.1	500000	Plymouth Unknown Series Model
1	0.0	500101	Plymouth Valiant 2D V-100/V-200
2	0.0	500400	Plymouth Gran Fury 4D
21	0.0	500438	Plymouth Gran Fury 4D Salon
1	0.0	500540	Plymouth Satellite 2D Sebring Plus
1	0.0	500600	Plymouth Satellite 4D
1	0.0	500800	Plymouth Fury 4D
4	0.0	500813	Plymouth Fury 4D Fury 3
4	0.0	500900	Plymouth Valiant Scamp 2D
133	0.1	501200	Plymouth Horizon 4D
1	0.0	501244	Plymouth Horizon 4D Miser
13	0.0	501250	Plymouth Horizon 4D SE
8	0.0	501302	Plymouth Valiant Duster 2D Duster
1	0.0	501342	Plymouth Valiant Duster 2D Duster Custom
5	0.0	501400	Plymouth Valiant 4D
1	0.0	501401	Plymouth Valiant 4D V-100/V-200
5	0.0	501700	Plymouth Volare 2D
2	0.0	501741	Plymouth Volare 2D Premier
12	0.0	501800	Plymouth Volare 4D
2	0.0	501841	Plymouth Volare 4D Premier
5	0.0	501900	Plymouth Volare SW
1	0.0	501941	Plymouth Volare SW Premier

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
1	0.0	502145	Plymouth Horizon 2D TC3 Miser
22	0.0	502148	Plymouth Horizon 2D Turismo
2	0.0	502149	Plymouth Horizon 2D Turismo 2.2
6	0.0	502200	Plymouth Reliant 2D
2	0.0	502236	Plymouth Reliant 2D Custom
6	0.0	502243	Plymouth Reliant 2D Special Edition
22	0.0	502251	Plymouth Reliant 2D LE
56	0.0	502300	Plymouth Reliant 4D
3	0.0	502336	Plymouth Reliant 4D Custom
30	0.0	502343	Plymouth Reliant 4D Special Edition
121	0.1	502351	Plymouth Reliant 4D LE
12	0.0	502436	Plymouth Reliant SW Custom
11	0.0	502443	Plymouth Reliant SW Special Edition
35	0.0	502451	Plymouth Reliant SW LE
38	0.0	502500	Plymouth Caravelle 4D
17	0.0	502543	Plymouth Caravelle 4D Special Edition
144	0.1	502600	Plymouth Sundance 2D
43	0.0	502602	Plymouth Sundance 2D Duster
37	0.0	502654	Plymouth Sundance 2D America
188	0.1	502700	Plymouth Sundance 4D
9	0.0	502702	Plymouth Sundance 4D Duster
3	0.0	502753	Plymouth Sundance 4D RS
16	0.0	502754	Plymouth Sundance 4D America
321	0.2	502800	Plymouth Acclaim 4D
34	0.0	502851	Plymouth Acclaim 4D LE
18	0.0	502852	Plymouth Acclaim 4D LX
46	0.0	502900	Plymouth Laser 2D 2WD
25	0.0	502953	Plymouth Laser 2D 2WD RS
24	0.0	502955	Plymouth Laser 2D 2WD RS/RS Turbo
232	0.1	503100	Plymouth Neon 4D
147	0.1	503104	Plymouth Neon 4D Base/Expresso
32	0.0	503137	Plymouth Neon 4D Sport
53	0.0	503200	Plymouth Neon 2D
41	0.0	503204	Plymouth Neon 2D Base/Expresso
11	0.0	503237	Plymouth Neon 2D Sport
77	0.0	503300	Plymouth Breeze 4D
66	0.0	503304	Plymouth Breeze 4D Base/Expresso
497	0.3	600000	Oldsmobile Unknown Series Model
13	0.0	600100	Oldsmobile Cutlass 4D
70	0.0	600103	Oldsmobile Cutlass 4D Cutlass Supreme
1	0.0	600113	Oldsmobile Cutlass 4D F-85
2	0.0	600119	Oldsmobile Cutlass 4D Salon
2	0.0	600120	Oldsmobile Cutlass 4D Brougham
3	0.0	600122	Oldsmobile Cutlass 4D Salon Brougham
35	0.0	600124	Oldsmobile Cutlass 4D Supreme Brougham
9	0.0	600128	Oldsmobile Cutlass 4D Brougham LS
1	0.0	600132	Oldsmobile Cutlass 4D LS
10	0.0	600156	Oldsmobile Cutlass 4D GL
20	0.0	600157	Oldsmobile Cutlass 4D GLS
5	0.0	600200	Oldsmobile Delta-88 2D
46	0.0	600208	Oldsmobile Delta-88 2D Royale
32	0.0	600229	Oldsmobile Delta-88 2D Royale Brougham

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
1	0.0	600300	Oldsmobile 98 2D RWD
2	0.0	600310	Oldsmobile 98 2D RWD Luxury
14	0.0	600318	Oldsmobile 98 2D RWD Regency
7	0.0	600400	Oldsmobile Toronado
25	0.0	600420	Oldsmobile Toronado Brougham
9	0.0	600446	Oldsmobile Toronado Trofeo
2	0.0	600501	Oldsmobile Cutlass 2D Standard
201	0.1	600503	Oldsmobile Cutlass 2D Cutlass Supreme
1	0.0	600511	Oldsmobile Cutlass 2D Cutlass S
3	0.0	600513	Oldsmobile Cutlass 2D F-85
18	0.0	600519	Oldsmobile Cutlass 2D Salon
25	0.0	600523	Oldsmobile Cutlass 2D Calais
96	0.1	600524	Oldsmobile Cutlass 2D Supreme Brougham
2	0.0	600531	Oldsmobile Cutlass 2D F-85 Cutlass Supreme
2	0.0	600803	Oldsmobile Cutlass SW Cutlass Supreme
68	0.0	600821	Oldsmobile Cutlass SW Cruiser
3	0.0	600827	Oldsmobile Cutlass SW Cruiser Brougham
4	0.0	600841	Oldsmobile Cutlass SW Ciera SL Brougham
17	0.0	600850	Oldsmobile Cutlass SW Cruiser SL
16	0.0	600853	Oldsmobile Cutlass SW Cruiser S
60	0.0	601000	Oldsmobile Custom Cruiser SW
3	0.0	601100	Oldsmobile Omega 2D
1	0.0	601120	Oldsmobile Omega 2D Brougham
6	0.0	601300	Oldsmobile Omega 4D
10	0.0	601320	Oldsmobile Omega 4D Brougham
9	0.0	601400	Oldsmobile Delta-88 4D
343	0.2	601408	Oldsmobile Delta-88 4D Royale
60	0.0	601416	Oldsmobile Delta-88 4D Base/LS
9	0.0	601417	Oldsmobile Delta-88 4D LSS
4	0.0	601418	Oldsmobile Delta-88 4D Regency
164	0.1	601429	Oldsmobile Delta-88 4D Royale Brougham
7	0.0	601432	Oldsmobile Delta-88 4D LS
34	0.0	601454	Oldsmobile Delta-88 4D Royale LS
2	0.0	601510	Oldsmobile 98 4D RWD Luxury
31	0.0	601518	Oldsmobile 98 4D RWD Regency
26	0.0	601536	Oldsmobile 98 4D RWD Regency Brougham
11	0.0	601600	Oldsmobile Firenza 2D
2	0.0	601626	Oldsmobile Firenza 2D SX
3	0.0	601630	Oldsmobile Firenza 2D S
1	0.0	601639	Oldsmobile Firenza 2D GT
1	0.0	601640	Oldsmobile Firenza 2D LC
16	0.0	601700	Oldsmobile Firenza 4D
6	0.0	601737	Oldsmobile Firenza 4D LX
4	0.0	601833	Oldsmobile Ciera 2D Ciera
24	0.0	601834	Oldsmobile Ciera 2D Ciera LS
33	0.0	601835	Oldsmobile Ciera 2D Ciera Brougham
1	0.0	601841	Oldsmobile Ciera 2D Ciera SL
4	0.0	601842	Oldsmobile Ciera 2D Ciera International
3	0.0	601851	Oldsmobile Ciera 2D Ciera S
195	0.1	601933	Oldsmobile Ciera 4D Ciera
270	0.2	601934	Oldsmobile Ciera 4D Ciera LS
125	0.1	601935	Oldsmobile Ciera 4D Ciera Brougham

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
116	0.1	601941	Oldsmobile Ciera 4D Ciera SL
4	0.0	601942	Oldsmobile Ciera 4D Ciera International
201	0.1	601951	Oldsmobile Ciera 4D Ciera S
1	0.0	602000	Oldsmobile Firenze SW
2	0.0	602037	Oldsmobile Firenze SW LX
3	0.0	602118	Oldsmobile 98 2D FWD Regency
7	0.0	602136	Oldsmobile 98 2D FWD Regency Brougham
72	0.0	602218	Oldsmobile 98 4D FWD Regency
111	0.1	602236	Oldsmobile 98 4D FWD Regency Brougham
9	0.0	602243	Oldsmobile 98 4D FWD Touring
45	0.0	602252	Oldsmobile 98 4D FWD Regency Elite
97	0.1	602300	Oldsmobile Calais 2D
29	0.0	602330	Oldsmobile Calais 2D S
31	0.0	602338	Oldsmobile Calais 2D Supreme
2	0.0	602344	Oldsmobile Calais 2D International
7	0.0	602347	Oldsmobile Calais 2D SL
114	0.1	602400	Oldsmobile Calais 4D
23	0.0	602430	Oldsmobile Calais 4D S
14	0.0	602438	Oldsmobile Calais 4D Supreme
4	0.0	602444	Oldsmobile Calais 4D International
10	0.0	602447	Oldsmobile Calais 4D SL
65	0.0	602503	Oldsmobile Cutlass 2D FWD Cutlass Supreme
48	0.0	602512	Oldsmobile Cutlass 2D Supreme S
14	0.0	602548	Oldsmobile Cutlass 2D FWD Supreme International
55	0.0	602549	Oldsmobile Cutlass 2D FWD Supreme SL
52	0.0	602603	Oldsmobile Cutlass 4D FWD Cutlass Supreme
80	0.0	602612	Oldsmobile Cutlass 4D Supreme S
6	0.0	602648	Oldsmobile Cutlass 4D FWD Supreme International
75	0.0	602649	Oldsmobile Cutlass 4D FWD Supreme SL
7	0.0	602703	Oldsmobile Cutlass Conv Cutlass Supreme
48	0.0	602800	Oldsmobile Silhouette Van SWB 2WD
51	0.0	602900	Oldsmobile Bravada 4D 4x4
44	0.0	603030	Oldsmobile Achieva 2D S
2	0.0	603047	Oldsmobile Achieva 2D SL
10	0.0	603055	Oldsmobile Achieva 2D SC
78	0.0	603130	Oldsmobile Achieva 4D S
66	0.0	603147	Oldsmobile Achieva 4D SL
29	0.0	603200	Oldsmobile Aurora 4D
17	0.0	603300	Oldsmobile Silhouette Van LWB 2WD
14	0.0	603400	Oldsmobile Intrigue 4D
16	0.0	603456	Oldsmobile Intrigue 4D GL
2	0.0	603458	Oldsmobile Intrigue 4D GX
1	0.0	603556	Oldsmobile Alero 2D GL
1	0.0	603656	Oldsmobile Alero 4D GL
361	0.2	700000	Dodge Unknown Series Model
9	0.0	700102	Dodge Dart 2D Swinger
1	0.0	700105	Dodge Dart 2D Custom
2	0.0	700106	Dodge Dart 2D GT
1	0.0	700122	Dodge Dart 2D Swinger Special
1	0.0	700205	Dodge Coronet 4D Custom
1	0.0	700221	Dodge Coronet 4D 440
1	0.0	700231	Dodge Coronet 4D 550

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
1	0.0	700404	Dodge Monaco 4D Brougham
1	0.0	700410	Dodge Monaco 4D 500
5	0.0	700444	Dodge Monaco 4D ES
7	0.0	700446	Dodge Monaco 4D LE
1	0.0	700500	Dodge Challenger
1	0.0	700512	Dodge Challenger R/T
1	0.0	700611	Dodge Coronet 2D Super Bee
1	0.0	700621	Dodge Coronet 2D 440
104	0.1	700700	Dodge Omni 4D
4	0.0	700717	Dodge Omni 4D SE
1	0.0	700808	Dodge Coronet SW Crestwood
2	0.0	701133	Dodge Dart Sport 2D Sport
4	0.0	701305	Dodge Dart 4D Custom
2	0.0	701500	Dodge Monaco 2D
3	0.0	701700	Dodge Aspen 2D
1	0.0	701705	Dodge Aspen 2D Custom
7	0.0	701800	Dodge Aspen 4D
2	0.0	701900	Dodge Aspen SW
1	0.0	702000	Dodge Charger 2D
1	0.0	702011	Dodge Charger 2D Super Bee
2	0.0	702025	Dodge Charger 2D Special Edition
1	0.0	702100	Dodge Diplomat 2D
3	0.0	702126	Dodge Diplomat 2D Medallion
1	0.0	702130	Dodge Diplomat 2D Salon
1	0.0	702133	Dodge Diplomat 2D Sport
24	0.0	702217	Dodge Diplomat 4D SE
3	0.0	702226	Dodge Diplomat 4D Medallion
43	0.0	702230	Dodge Diplomat 4D Salon
2	0.0	702300	Dodge Diplomat SW
1	0.0	702427	Dodge Magnum XE XE
22	0.0	702500	Dodge Omni/Charger 2D
1	0.0	702529	Dodge Omni/Charger 2D 024
1	0.0	702543	Dodge Omni/Charger 2D 2.2
3	0.0	702549	Dodge Omni/Charger 2D Shelby
3	0.0	702700	Dodge Mirada 2D
1	0.0	702900	Dodge Royal Monaco 4D
9	0.0	703100	Dodge Aries 2D
2	0.0	703117	Dodge Aries 2D SE
3	0.0	703125	Dodge Aries 2D Special Edition
10	0.0	703146	Dodge Aries 2D LE
27	0.0	703200	Dodge Aries 4D
1	0.0	703205	Dodge Aries 4D Custom
27	0.0	703225	Dodge Aries 4D Special Edition
105	0.1	703246	Dodge Aries 4D LE
8	0.0	703305	Dodge Aries SW Custom
10	0.0	703317	Dodge Aries SW SE
12	0.0	703325	Dodge Aries SW Special Edition
39	0.0	703346	Dodge Aries SW LE
4	0.0	703400	Dodge 400 2D
1	0.0	703500	Dodge 400 4D
1	0.0	703542	Dodge 400 4D LS
1	0.0	703600	Dodge 400 2D Conv

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
27	0.0	703700	Dodge 600 4D
13	0.0	703717	Dodge 600 4D SE
1	0.0	703744	Dodge 600 4D ES
15	0.0	703900	Dodge 600 2D
10	0.0	704000	Dodge 600 2D Conv
113	0.1	704100	Dodge Daytona 2D
3	0.0	704115	Dodge Daytona 2D IROC
57	0.0	704144	Dodge Daytona 2D ES
11	0.0	704145	Dodge Daytona 2D Turbo
7	0.0	704147	Dodge Daytona 2D Pacifica
4	0.0	704148	Dodge Daytona 2D Shelby Z
3	0.0	704149	Dodge Daytona 2D Shelby
36	0.0	704200	Dodge Lancer 4D
18	0.0	704244	Dodge Lancer 4D ES
191	0.1	704300	Dodge Shadow 2D
67	0.0	704344	Dodge Shadow 2D ES
2	0.0	704349	Dodge Shadow 2D Shelby
45	0.0	704350	Dodge Shadow 2D America
297	0.2	704400	Dodge Shadow 4D
19	0.0	704444	Dodge Shadow 4D ES
38	0.0	704450	Dodge Shadow 4D America
132	0.1	704500	Dodge Dynasty 4D
106	0.1	704546	Dodge Dynasty 4D LE
314	0.2	704600	Dodge Spirit 4D
1	0.0	704612	Dodge Spirit 4D R/T
18	0.0	704644	Dodge Spirit 4D ES
22	0.0	704646	Dodge Spirit 4D LE
18	0.0	704700	Dodge Shadow Conv
7	0.0	704744	Dodge Shadow Conv ES
1	0.0	704851	Dodge Viper Conv RT/10
239	0.1	704900	Dodge Intrepid 4D
102	0.1	704944	Dodge Intrepid 4D ES
334	0.2	705000	Dodge Neon 4D
44	0.0	705033	Dodge Neon 4D Sport
202	0.1	705052	Dodge Neon 4D Base/Sport/RT
97	0.1	705100	Dodge Neon 2D
23	0.0	705133	Dodge Neon 2D Sport
61	0.0	705152	Dodge Neon 2D Base/Sport/RT
224	0.1	705200	Dodge Stratus 4D
68	0.0	705244	Dodge Stratus 4D ES
13	0.0	705300	Dodge Avenger 2D
50	0.0	705318	Dodge Avenger 2D Base/ES
45	0.0	705344	Dodge Avenger 2D ES
3	0.0	705407	Dodge Viper 2D GTS
203	0.1	800000	Volkswagen Unknown Series Model
2	0.0	800102	Volkswagen Karmann Ghia 1500
7	0.0	800201	Volkswagen Beetle 1300
44	0.0	800202	Volkswagen Beetle 1500
13	0.0	800203	Volkswagen Beetle Super Beetle
1	0.0	800216	Volkswagen Beetle Convertible
1	0.0	800313	Volkswagen Dasher Sedan Dasher
1	0.0	800413	Volkswagen Dasher Wagon Dasher

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
2	0.0	800608	Volkswagen Commercial Clipper
4	0.0	800610	Volkswagen Commercial Kombi/Campmobile
1	0.0	800812	Volkswagen The Thing The Thing
6	0.0	800914	Volkswagen Rabbit Sedan Rabbit
9	0.0	800920	Volkswagen Rabbit Sedan L
9	0.0	800921	Volkswagen Rabbit Sedan LS
3	0.0	800925	Volkswagen Rabbit Sedan GL
14	0.0	801000	Volkswagen Scirocco
1	0.0	801015	Volkswagen Scirocco Scirocco
2	0.0	801028	Volkswagen Scirocco 16V
13	0.0	801100	Volkswagen Rabbit Conv
1	0.0	801116	Volkswagen Rabbit Conv Convertible
1	0.0	801200	Volkswagen Vanagon
6	0.0	801230	Volkswagen Vanagon GL/Carat
128	0.1	801300	Volkswagen Jetta Sedan
2	0.0	801321	Volkswagen Jetta Sedan LS
69	0.0	801325	Volkswagen Jetta Sedan GL
35	0.0	801327	Volkswagen Jetta Sedan GLI
106	0.1	801330	Volkswagen Jetta Sedan GL/Carat
4	0.0	801332	Volkswagen Jetta Sedan Carat
8	0.0	801400	Volkswagen Jetta 2D
6	0.0	801520	Volkswagen Rabbit 2D L
1	0.0	801521	Volkswagen Rabbit 2D LS
10	0.0	801526	Volkswagen Rabbit 2D GTI
2	0.0	801600	Volkswagen Rabbit Pickup
1	0.0	801624	Volkswagen Rabbit Pickup LX
8	0.0	801800	Volkswagen Quantum 4D
2	0.0	801825	Volkswagen Quantum 4D GL
4	0.0	801900	Volkswagen Quantum SW
1	0.0	801925	Volkswagen Quantum SW GL
35	0.0	802000	Volkswagen Golf 2D
26	0.0	802025	Volkswagen Golf 2D GL
1	0.0	802029	Volkswagen Golf 2D GT
30	0.0	802100	Volkswagen Golf 4D
59	0.0	802125	Volkswagen Golf 4D GL
1	0.0	802129	Volkswagen Golf 4D GT
51	0.0	802200	Volkswagen GTI 2D
9	0.0	802228	Volkswagen GTI 2D 16V
8	0.0	802231	Volkswagen GTI 2D 8V
14	0.0	802240	Volkswagen GTI 2D VR6
2	0.0	802250	Volkswagen GTI 2D VR6 Drivers Edition
63	0.0	802300	Volkswagen Cabriolet Conv
1	0.0	802332	Volkswagen Cabriolet Conv Carat
7	0.0	802338	Volkswagen Cabriolet Conv Classic
2	0.0	802418	Volkswagen Vanagon Camper Camper
2	0.0	802500	Volkswagen Quantum SE 4WD
31	0.0	802600	Volkswagen Fox 2D
2	0.0	802625	Volkswagen Fox 2D GL
56	0.0	802725	Volkswagen Fox 4D GL
11	0.0	802825	Volkswagen Fox 2D SW GL
5	0.0	802900	Volkswagen Corrado 2D
9	0.0	802934	Volkswagen Corrado 2D SLC

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
48	0.0	803025	Volkswagen Passat 4D 2WD GL
23	0.0	803036	Volkswagen Passat 4D 2WD GLS
34	0.0	803037	Volkswagen Passat 4D 2WD GLX
3	0.0	803044	Volkswagen Passat 4D 2WD TDI
1	0.0	803051	Volkswagen Passat 4D 2WD GLS V6
6	0.0	803125	Volkswagen Passat SW 2WD GL
4	0.0	803136	Volkswagen Passat SW 2WD GLS
5	0.0	803137	Volkswagen Passat SW 2WD GLX
3	0.0	803325	Volkswagen Eurovan GL
2	0.0	803339	Volkswagen Eurovan MV
3	0.0	803422	Volkswagen Golf III 2D Sport
1	0.0	803425	Volkswagen Golf III 2D GL
78	0.0	803525	Volkswagen Golf III 4D GL
3	0.0	803542	Volkswagen Golf III 4D City
4	0.0	803543	Volkswagen Golf III 4D Celebration Edition
1	0.0	803545	Volkswagen Golf III 4D Trek
2	0.0	803546	Volkswagen Golf III 4D Wolfsburg Edition
7	0.0	803547	Volkswagen Golf III 4D K2
9	0.0	803549	Volkswagen Golf III 4D Jazz
180	0.1	803625	Volkswagen Jetta III 4D GL
24	0.0	803629	Volkswagen Jetta III 4D GT
52	0.0	803636	Volkswagen Jetta III 4D GLS
25	0.0	803637	Volkswagen Jetta III 4D GLX
13	0.0	803643	Volkswagen Jetta III 4D Celebration Edition
9	0.0	803644	Volkswagen Jetta III 4D TDI
17	0.0	803645	Volkswagen Jetta III 4D Trek
12	0.0	803646	Volkswagen Jetta III 4D Wolfsburg Edition
5	0.0	803647	Volkswagen Jetta III 4D K2
8	0.0	803649	Volkswagen Jetta III 4D Jazz
19	0.0	803700	Volkswagen Golf Cabrio Conv
2	0.0	803736	Volkswagen Golf Cabrio Conv GLS
3	0.0	803748	Volkswagen Golf Cabrio Conv Highline
15	0.0	804100	Volkswagen New Beetle 2D
1	0.0	804136	Volkswagen New Beetle 2D GLS
1	0.0	804144	Volkswagen New Beetle 2D TDI
257	0.1	900000	Mercury Unknown Series Model
1	0.0	900100	Mercury Montego 4D
1	0.0	900209	Mercury Monterey 2D Monterey Custom
1	0.0	900402	Mercury Montego 2D MX
1	0.0	900411	Mercury Montego 2D MX Brougham
1	0.0	900600	Mercury Marquis/Grand Marquis 2D
13	0.0	900621	Mercury Marquis/Grand Marquis 2D Grand Marquis
2	0.0	900638	Mercury Marquis/Grand Marquis 2D Grand Marquis LS
97	0.1	900700	Mercury Cougar 2D
152	0.1	900713	Mercury Cougar 2D XR-7
1	0.0	900715	Mercury Cougar 2D I4
1	0.0	900730	Mercury Cougar 2D GS
232	0.1	900731	Mercury Cougar 2D LS
4	0.0	900747	Mercury Cougar 2D V6
1	0.0	900900	Mercury Marquis/Grand Marquis SW
23	0.0	900914	Mercury Marquis/Grand Marquis SW Colony Park
15	0.0	900936	Mercury Marquis/Grand Marquis SW Colony Park LS

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
4	0.0	900940	Mercury Marquis/Grand Marguis SW Colony Park GS
1	0.0	901019	Mercury Comet SW Villager
2	0.0	901100	Mercury Comet 4D
2	0.0	901200	Mercury Comet 2D
1	0.0	901402	Mercury Montego SW MX
1	0.0	901419	Mercury Montego SW Villager
2	0.0	901500	Mercury Monarch 2D
6	0.0	902003	Mercury Marquis/Grand Marguis 4D Brougham
98	0.1	902021	Mercury Marquis/Grand Marguis 4D Grand Marguis
165	0.1	902037	Mercury Marquis/Grand Marguis 4D Grand Marguis GS
286	0.2	902038	Mercury Marquis/Grand Marguis 4D Grand Marguis LS
1	0.0	902220	Mercury Monarch 4D Ghia
3	0.0	902300	Mercury Cougar 4D
2	0.0	902330	Mercury Cougar 4D GS
4	0.0	902430	Mercury Cougar SW GS
1	0.0	903225	Mercury Montcalm 4D Montcalm
3	0.0	903427	Mercury Zephyr Z-7 Z-7
14	0.0	903513	Mercury Cougar XR-7 XR-7
10	0.0	903700	Mercury Zephyr 4D
3	0.0	903800	Mercury Zephyr SW
22	0.0	903900	Mercury Capri 2D
1	0.0	903930	Mercury Capri 2D GS
4	0.0	904029	Mercury Lynx 2D L
1	0.0	904129	Mercury Lynx SW L
3	0.0	904329	Mercury Lynx 4D L
1	0.0	904330	Mercury Lynx 4D GS
61	0.0	904400	Mercury Marquis 4D
11	0.0	904500	Mercury Marquis SW
1	0.0	904629	Mercury Topaz 2D L
18	0.0	904630	Mercury Topaz 2D GS
3	0.0	904635	Mercury Topaz 2D Sport
5	0.0	904639	Mercury Topaz 2D XR5
261	0.1	904730	Mercury Topaz 4D GS
27	0.0	904731	Mercury Topaz 4D LS
12	0.0	904733	Mercury Topaz 4D LTS
5	0.0	904906	Mercury Sable 4D LS Premium
353	0.2	904930	Mercury Sable 4D GS
174	0.1	904931	Mercury Sable 4D LS
45	0.0	904943	Mercury Sable 4D GS/LS
1	0.0	904944	Mercury Sable 4D G
1	0.0	905006	Mercury Sable SW LS Premium
95	0.1	905030	Mercury Sable SW GS
66	0.0	905031	Mercury Sable SW LS
10	0.0	905043	Mercury Sable SW GS/LS
32	0.0	905200	Mercury Tracer 2D
233	0.1	905300	Mercury Tracer 4D
15	0.0	905330	Mercury Tracer 4D GS
81	0.0	905331	Mercury Tracer 4D LS
19	0.0	905333	Mercury Tracer 4D LTS
63	0.0	905400	Mercury Tracer SW
7	0.0	905431	Mercury Tracer SW LS
5	0.0	905529	Mercury Lynx 2D L

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
2	0.0	905530	Mercury Lynx 2D GS
4	0.0	905534	Mercury Lynx 2D XR3
4	0.0	905629	Mercury Lynx 4D L
4	0.0	905630	Mercury Lynx 4D GS
1	0.0	905729	Mercury Lynx SW L
5	0.0	905730	Mercury Lynx SW GS
37	0.0	905800	Mercury Capri Conv
3	0.0	905841	Mercury Capri Conv XR2
146	0.1	905942	Mercury Villager Wagon GS/LS/Nautica
56	0.0	905943	Mercury Villager Wagon GS/LS
1	0.0	906030	Mercury Villager Cargo Van GS
71	0.0	906130	Mercury Mystique 4D GS
29	0.0	906131	Mercury Mystique 4D LS
38	0.0	906146	Mercury Mystique 4D Base/GS
2	0.0	906300	Mercury Mountaineer 4D 4x4
39	0.0	906345	Mercury Mountaineer 4D AWD
187	0.1	1000000	Cadillac Unknown Series Model
75	0.0	1000200	Cadillac Deville 2D RWD
205	0.1	1000300	Cadillac Brougham/Fleetwood Brougham/Fleetwood 4D
1	0.0	1000301	Cadillac Brougham/Fleetwood Brougham/Fleetwood 4D Sixty Special
158	0.1	1000400	Cadillac Eldorado 2D
5	0.0	1000403	Cadillac Eldorado 2D Fleetwood Eldorado
9	0.0	1000408	Cadillac Eldorado 2D Touring
2	0.0	1000500	Cadillac Commercial Chassis Cab RWD
1	0.0	1000602	Cadillac Fleetwood 4D Seventy-Five
1	0.0	1000605	Cadillac Fleetwood 4D Formal Limousine
110	0.1	1000700	Cadillac Seville 4D
37	0.0	1000708	Cadillac Seville 4D Touring
78	0.0	1000900	Cadillac Deville 4D RWD
15	0.0	1001000	Cadillac Brougham 2D
27	0.0	1001100	Cadillac Cimarron 4D
3	0.0	1001200	Cadillac Eldorado Conv
78	0.0	1001300	Cadillac Deville 2D FWD
511	0.3	1001400	Cadillac Deville 4D FWD
4	0.0	1001407	Cadillac Deville 4D FWD D'Elegance
2	0.0	1001408	Cadillac Deville 4D FWD Touring
15	0.0	1001409	Cadillac Deville 4D FWD Concours
8	0.0	1001500	Cadillac Fleetwood 2D FWD
33	0.0	1001600	Cadillac Fleetwood 4D FWD
3	0.0	1001601	Cadillac Fleetwood 4D FWD Sixty Special
9	0.0	1001607	Cadillac Fleetwood 4D FWD D'Elegance
2	0.0	1001800	Cadillac Commercial Chassis Cab FWD
6	0.0	1001900	Cadillac Allante Conv
2	0.0	1002001	Cadillac Fleetwood 60 Special 4D Sixty Special
1	0.0	1002300	Cadillac Escalade 4D 4x4
13	0.0	1002400	Cadillac Catera 4D
9	0.0	1100000	AMC/Eagle Unknown Series Model
1	0.0	1100100	AMC/Eagle Gremlin
1	0.0	1100807	AMC/Eagle Rambler/American Rogue
1	0.0	1101608	AMC/Eagle Ambassador 4D DPL
1	0.0	1101700	AMC/Eagle Concord 2D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
1	0.0	1101719	AMC/Eagle Concord 2D Limited
2	0.0	1101800	AMC/Eagle Concord 4D
1	0.0	1101818	AMC/Eagle Concord 4D DL
1	0.0	1101918	AMC/Eagle Concord SW DL
1	0.0	1102118	AMC/Eagle Spirit Liftback DL
1	0.0	1102125	AMC/Eagle Spirit Liftback GT
2	0.0	1102318	AMC/Eagle Eagle 4D DL
11	0.0	1102400	AMC/Eagle Eagle SW
2	0.0	1102418	AMC/Eagle Eagle SW DL
1	0.0	1102419	AMC/Eagle Eagle SW Limited
3	0.0	1102922	AMC/Eagle Eagle 50 Liftback SX/4 DL
173	0.1	1200000	Chrysler Unknown Series Model
1	0.0	1200400	Chrysler New Yorker 2D
1	0.0	1200600	Chrysler Imperial 2D
12	0.0	1200700	Chrysler Cordoba
1	0.0	1200702	Chrysler Cordoba Crown
3	0.0	1200800	Chrysler Newport 4D
1	0.0	1200810	Chrysler Newport 4D Custom
13	0.0	1201000	Chrysler New Yorker 4D RWD
2	0.0	1201004	Chrysler New Yorker 4D RWD Brougham
202	0.1	1201013	Chrysler New Yorker 4D RWD 5th Ave Edition
10	0.0	1201100	Chrysler Imperial 4D
110	0.1	1201200	Chrysler Le Baron 2D
3	0.0	1201205	Chrysler Le Baron 2D Medallion
2	0.0	1201207	Chrysler Le Baron 2D Salon
104	0.1	1201300	Chrysler Le Baron 4D
4	0.0	1201305	Chrysler Le Baron 4D Medallion
7	0.0	1201307	Chrysler Le Baron 4D Salon
1	0.0	1201312	Chrysler Le Baron 4D Special
14	0.0	1201317	Chrysler Le Baron 4D LE
15	0.0	1201318	Chrysler Le Baron 4D Landau
2	0.0	1201322	Chrysler Le Baron 4D LX
1	0.0	1201400	Chrysler Le Baron SW
13	0.0	1201401	Chrysler Le Baron SW Town & Country
134	0.1	1201500	Chrysler Le Baron 2D Conv
1	0.0	1201505	Chrysler Le Baron 2D Conv Medallion
3	0.0	1201522	Chrysler Le Baron 2D Conv LX
46	0.0	1201525	Chrysler Le Baron 2D Conv GTC
77	0.0	1201600	Chrysler New Yorker 4D (E Body)
11	0.0	1201700	Chrysler E Class 4D
1	0.0	1201800	Chrysler Executive Sedan 4D
16	0.0	1201900	Chrysler Laser 2D
8	0.0	1201914	Chrysler Laser 2D XE
62	0.0	1202121	Chrysler Le Baron 4D (H Body) GTS
24	0.0	1202400	Chrysler New Yorker 4D (C Body)
23	0.0	1202407	Chrysler New Yorker 4D (C Body) Salon
51	0.0	1202418	Chrysler New Yorker 4D (C Body) Landua
2	0.0	1202500	Chrysler TC 2D Conv
60	0.0	1202600	Chrysler New Yorker 5th Ave 4D
1	0.0	1202700	Chrysler Intrepid 4D
87	0.0	1202800	Chrysler Concorde 4D
62	0.0	1202829	Chrysler Concorde 4D LX/LXI

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
27	0.0	1202900	Chrysler New Yorker 4D (LH Body)
64	0.0	1203000	Chrysler LHS 4D
34	0.0	1203122	Chrysler Cirrus 4D LX
22	0.0	1203126	Chrysler Cirrus 4D LXI
45	0.0	1203129	Chrysler Cirrus 4D LX/LXI
24	0.0	1203222	Chrysler Sebring 2D LX
41	0.0	1203226	Chrysler Sebring 2D LXI
19	0.0	1203327	Chrysler Sebring Conv JX
47	0.0	1203328	Chrysler Sebring Conv JXI
4	0.0	1203400	Chrysler 300M 4D
85	0.0	1300000	Lincoln Unknown Series Model
2	0.0	1300100	Lincoln Continental 2D
3	0.0	1300300	Lincoln Mark IV
14	0.0	1300400	Lincoln Town Car/Continental 4D
282	0.2	1300401	Lincoln Town Car/Continental 4D Town Car
36	0.0	1300402	Lincoln Town Car/Continental 4D Cartier
245	0.1	1300403	Lincoln Town Car/Continental 4D Signature
2	0.0	1300407	Lincoln Town Car/Continental 4D Gucci
159	0.1	1300408	Lincoln Town Car/Continental 4D Town Car/Executive
7	0.0	1300500	Lincoln Mark V
7	0.0	1300700	Lincoln Mark VI 2D
12	0.0	1300800	Lincoln Mark VI 4D
107	0.1	1300900	Lincoln Continental 4D
57	0.0	1300903	Lincoln Continental 4D Signature
1	0.0	1300904	Lincoln Continental 4D Givenchy
35	0.0	1300909	Lincoln Continental 4D Executive
12	0.0	1301000	Lincoln Mark VII 2D
47	0.0	1301005	Lincoln Mark VII 2D LSC
13	0.0	1301006	Lincoln Mark VII 2D Blass
57	0.0	1301100	Lincoln Mark VIII 2D
6	0.0	1301105	Lincoln Mark VIII 2D LSC
15	0.0	1301300	Lincoln Navigatior 4D 4x4
329	0.2	1400000	Opel/Isuzu Unknown Series Model
1	0.0	1400101	Opel/Isuzu Kadett/STD 2D/4D Kadett
1	0.0	1400104	Opel/Isuzu Kadett/STD 2D/4D S DLX/GM Rallye
1	0.0	1400400	Opel/Isuzu 1900 2D/4D
1	0.0	1400403	Opel/Isuzu 1900 2D/4D 1900
1	0.0	1401000	Opel/Isuzu I-Mark 2D RWD
24	0.0	1401400	Opel/Isuzu PU SH 1/2T 4x2
2	0.0	1401500	Opel/Isuzu PU SH 1/2T 4x4
12	0.0	1401600	Opel/Isuzu PU LN 1/2T 4x2
12	0.0	1401800	Opel/Isuzu Impulse 2D 2WD
12	0.0	1401814	Opel/Isuzu Impulse 2D 2WD RS/XS
15	0.0	1401900	Opel/Isuzu Trooper II 2D 4x4
4	0.0	1402100	Opel/Isuzu PU Space C 1/2T 4x2
3	0.0	1402200	Opel/Isuzu PU Space C 1/2T 4x4
9	0.0	1402300	Opel/Isuzu I-Mark 2D FWD
21	0.0	1402400	Opel/Isuzu I-Mark 4D FWD
62	0.0	1402500	Opel/Isuzu PU SH 1/2T 4x2
20	0.0	1402600	Opel/Isuzu PU SH 1/2T 4x4
44	0.0	1402700	Opel/Isuzu Amigo 2D 4x2
11	0.0	1402800	Opel/Isuzu Amigo 2D 4x4

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Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
17	0.0	1402900	Opel/Isuzu Stylus 4D
2	0.0	1402911	Opel/Isuzu Stylus 4D S
2	0.0	1403000	Opel/Isuzu Trooper II 2D SH 4x4
247	0.1	1403100	Opel/Isuzu Trooper 4D 4x4
1	0.0	1403300	Opel/Isuzu PU 1T 4x2
186	0.1	1403400	Opel/Isuzu Rodeo 4D 4x2
229	0.1	1403500	Opel/Isuzu Rodeo 4D 4x4
4	0.0	1403811	Opel/Isuzu Oasis Wagon S
9	0.0	1403900	Opel/Isuzu Hombre PU 4x2
2	0.0	1404000	Opel/Isuzu Hombre PU Space C 4x2
1027	0.6	1500000	Datsun/Nissan Unknown Series Model
22	0.0	1500102	Datsun/Nissan 240/260/280/300 2D 280 ZX
4	0.0	1500105	Datsun/Nissan 240/260/280/300 2D 280 Z
125	0.1	1500107	Datsun/Nissan 240/260/280/300 2D 300 ZX
3	0.0	1500800	Datsun/Nissan B210/210 Sedan
1	0.0	1500900	Datsun/Nissan 710 2D/4D
46	0.0	1501000	Datsun/Nissan Pickup Short 4x2
5	0.0	1501100	Datsun/Nissan Pickup Long 4x2
11	0.0	1501502	Datsun/Nissan 260/280/300 2+2 2D 280 ZX
2	0.0	1501505	Datsun/Nissan 260/280/300 2+2 2D 280 Z
48	0.0	1501507	Datsun/Nissan 260/280/300 2+2 2D 300 ZX
196	0.1	1501600	Datsun/Nissan 200 SX 2D
19	0.0	1501613	Datsun/Nissan 200 SX 2D SE-R
918	0.5	1501700	Datsun/Nissan 810/Maxima Sedan
46	0.0	1501710	Datsun/Nissan 810/Maxima Sedan SE
208	0.1	1501711	Datsun/Nissan 810/Maxima Sedan GXE
31	0.0	1501800	Datsun/Nissan 810/Maxima Wagon
12	0.0	1501811	Datsun/Nissan 810/Maxima Wagon GXE
1	0.0	1501900	Datsun/Nissan 510 2D
2	0.0	1502000	Datsun/Nissan 510 Sedan
2	0.0	1502100	Datsun/Nissan 510 Wagon
1	0.0	1502300	Datsun/Nissan 310 Sedan
2	0.0	1502500	Datsun/Nissan 210 2D
3	0.0	1502600	Datsun/Nissan 210 Wagon
5	0.0	1502800	Datsun/Nissan Pickup Short 4x4
3	0.0	1502900	Datsun/Nissan Pickup Long 4x4
2	0.0	1503000	Datsun/Nissan Chassis Cab
28	0.0	1503100	Datsun/Nissan King Cab PU 4x2
18	0.0	1503200	Datsun/Nissan King Cab PU 4x4
385	0.2	1503400	Datsun/Nissan Stanza 4D
630	0.4	1503500	Datsun/Nissan Sentra 2D
17	0.0	1503513	Datsun/Nissan Sentra 2D SE-R
57	0.0	1503519	Datsun/Nissan Sentra 2D Sport Coupe
1353	0.8	1503600	Datsun/Nissan Sentra 4D
26	0.0	1503609	Datsun/Nissan Sentra 4D XE
3	0.0	1503610	Datsun/Nissan Sentra 4D SE
34	0.0	1503700	Datsun/Nissan Sentra SW
1	0.0	1503709	Datsun/Nissan Sentra SW XE
1	0.0	1503800	Datsun/Nissan Pulsar 2D
7	0.0	1503806	Datsun/Nissan Pulsar 2D DX
21	0.0	1503808	Datsun/Nissan Pulsar 2D GX
74	0.0	1503809	Datsun/Nissan Pulsar 2D XE

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
22	0.0	1503810	Datsun/Nissan Pulsar 2D SE
1	0.0	1503906	Datsun/Nissan Pulsar 4D DX
20	0.0	1504000	Datsun/Nissan Stanza SW
49	0.0	1504300	Datsun/Nissan Pathfinder 2D 4x4
3	0.0	1504400	Datsun/Nissan Van
308	0.2	1504500	Datsun/Nissan PU SH 4x2
2	0.0	1504510	Datsun/Nissan PU SH 4x2 SE
38	0.0	1504600	Datsun/Nissan PU SH 4x4
2	0.0	1504610	Datsun/Nissan PU SH 4x4 SE
5	0.0	1504700	Datsun/Nissan PU Long 4x2
5	0.0	1504701	Datsun/Nissan PU Long 4x2 Heavy Duty
2	0.0	1504800	Datsun/Nissan PU Long 4x4
95	0.1	1504900	Datsun/Nissan PU King C 4x2
10	0.0	1504910	Datsun/Nissan PU King C 4x2 SE
72	0.0	1505000	Datsun/Nissan PU King C 4x4
13	0.0	1505010	Datsun/Nissan PU King C 4x4 SE
2	0.0	1505100	Datsun/Nissan Chassis Cab
19	0.0	1505209	Datsun/Nissan 240 SX 2D XE
62	0.0	1505210	Datsun/Nissan 240 SX 2D SE
56	0.0	1505216	Datsun/Nissan 240 SX 2D Base/SE Coupe
22	0.0	1505217	Datsun/Nissan 240 SX 2D Base/SE/LE Liftback
6	0.0	1505220	Datsun/Nissan 240 SX 2D Base/SE Liftback
4	0.0	1505222	Datsun/Nissan 240 SX 2D Base/SE/LE Coupe
1	0.0	1505300	Datsun/Nissan Pathfinder 2D 4x2
4	0.0	1505400	Datsun/Nissan Axxess SW 2WD
7	0.0	1505700	Datsun/Nissan Pathfinder 4D 4x2
245	0.1	1505800	Datsun/Nissan Pathfinder 4D 4x4
6	0.0	1505914	Datsun/Nissan NX 2D 1600
14	0.0	1505915	Datsun/Nissan NX 2D 2000
2	0.0	1506000	Datsun/Nissan 300 ZX Conv
1	0.0	1506110	Datsun/Nissan 240 SX Conv SE
175	0.1	1506221	Datsun/Nissan Quest Van XE/GXE
2	0.0	1506223	Datsun/Nissan Quest Van GXE/SE/GLE
885	0.5	1506400	Datsun/Nissan Altima 4D
7	0.0	1506500	Datsun/Nissan Frontier PU SH 4x2
1	0.0	1506600	Datsun/Nissan Frontier PU SH 4x4
9	0.0	1506700	Datsun/Nissan Frontier PU King C 4x2
1	0.0	1506800	Datsun/Nissan Frontier PU King C 4x4
1361	0.8	1600000	Toyota Unknown Series Model
2	0.0	1600108	Toyota Land Cruiser 2D 4x4 3900
45	0.0	1600200	Toyota Land Cruiser 4D 4x4
1093	0.6	1600300	Toyota Corolla Sedan 2WD
3	0.0	1600309	Toyota Corolla Sedan 2WD Sport Coupe
1023	0.6	1600310	Toyota Corolla Sedan 2WD Deluxe
184	0.1	1600313	Toyota Corolla Sedan 2WD LE (Luxury Edition)
277	0.2	1600352	Toyota Corolla Sedan 2WD VE/CE/LE
2	0.0	1600400	Toyota Corolla SW 2WD
92	0.1	1600410	Toyota Corolla SW 2WD Deluxe
3	0.0	1600700	Toyota Corona Sedan
3	0.0	1600710	Toyota Corona Sedan Deluxe
3	0.0	1600713	Toyota Corona Sedan LE (Luxury Edition)
20	0.0	1601000	Toyota Celica 2D 2WD

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
199	0.1	1601014	Toyota Celica 2D 2WD ST
336	0.2	1601015	Toyota Celica 2D 2WD GT
91	0.1	1601017	Toyota Celica 2D 2WD GT-S
1	0.0	1601041	Toyota Celica 2D 2WD Coupe
33	0.0	1601042	Toyota Celica 2D 2WD Liftback
1	0.0	1601054	Toyota Celica 2D 2WD GT Liftback
1	0.0	1601200	Toyota Corona SW
266	0.2	1601300	Toyota Pickup Short 1/2T
30	0.0	1601310	Toyota Pickup Short 1/2T Deluxe
13	0.0	1601400	Toyota Pickup Long 1/2T
27	0.0	1601410	Toyota Pickup Long 1/2T Deluxe
2	0.0	1601416	Toyota Pickup Long 1/2T SR5 Sport
131	0.1	1601500	Toyota Cressida 4D
42	0.0	1601513	Toyota Cressida 4D LE (Luxury Edition)
1	0.0	1601600	Toyota Cressida SW
4	0.0	1601613	Toyota Cressida SW LE (Luxury Edition)
87	0.0	1601700	Toyota Pickup SH 1/2T 4x4
149	0.1	1601710	Toyota Pickup SH 1/2T 4x4 Deluxe
10	0.0	1601716	Toyota Pickup SH 1/2T 4x4 SR5 Sport
1	0.0	1601724	Toyota Pickup SH 1/2T 4x4 Turbo
17	0.0	1601810	Toyota Pickup LN 1/2T 4x4 Deluxe
2	0.0	1601816	Toyota Pickup LN 1/2T 4x4 SR5 Sport
43	0.0	1601900	Toyota Celica Supra
406	0.2	1602000	Toyota Corolla Tercel 2D
166	0.1	1602010	Toyota Corolla Tercel 2D Deluxe
4	0.0	1602011	Toyota Corolla Tercel 2D SR5
13	0.0	1602027	Toyota Corolla Tercel 2D EZ
50	0.0	1602043	Toyota Corolla Tercel 2D CE
12	0.0	1602100	Toyota Corolla Tercel 4D
276	0.2	1602110	Toyota Corolla Tercel 4D Deluxe
15	0.0	1602113	Toyota Corolla Tercel 4D LE (Luxury Edition)
6	0.0	1602143	Toyota Corolla Tercel 4D CE
1	0.0	1602200	Toyota Starlet Liftback
1	0.0	1602300	Toyota Corolla 2D
27	0.0	1602310	Toyota Corolla 2D Deluxe
76	0.0	1602311	Toyota Corolla 2D SR5
2	0.0	1602312	Toyota Corolla 2D Deluxe Sport
52	0.0	1602316	Toyota Corolla 2D SR5 Sport
32	0.0	1602317	Toyota Corolla 2D GT-S
1	0.0	1602319	Toyota Corolla 2D (Hawaii)
16	0.0	1602510	Toyota Tercel SW 4WD Deluxe
12	0.0	1602511	Toyota Tercel SW 4WD SR5
896	0.5	1602600	Toyota Camry 4D 2WD
751	0.4	1602610	Toyota Camry 4D 2WD Deluxe
1163	0.7	1602613	Toyota Camry 4D 2WD LE (Luxury Edition)
165	0.1	1602630	Toyota Camry 4D 2WD XLE
8	0.0	1602631	Toyota Camry 4D 2WD SE
15	0.0	1602650	Toyota Camry 4D 2WD CE/LE/XLE
1	0.0	1602700	Toyota Tercel SW 2WD
19	0.0	1602710	Toyota Tercel SW 2WD Deluxe
12	0.0	1602810	Toyota Van 4x2 Deluxe
41	0.0	1602813	Toyota Van 4x2 LE (Luxury Edition)

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
84	0.0	1602910	Toyota PU Xtra Cab 1/2T Deluxe
6	0.0	1602916	Toyota PU Xtra Cab 1/2T SR5 Sport
148	0.1	1603010	Toyota PU X Cab 1/2T 4x4 Deluxe
47	0.0	1603016	Toyota PU X Cab 1/2T 4x4 SR5 Sport
15	0.0	1603100	Toyota Cargo Van 4x2
10	0.0	1603120	Toyota Cargo Van 4x2 Panel Van
16	0.0	1603200	Toyota 4Runner Truck 4x4
8	0.0	1603210	Toyota 4Runner Truck 4x4 Deluxe
10	0.0	1603211	Toyota 4Runner Truck 4x4 SR5
3	0.0	1603300	Toyota Pickup Long 1T
27	0.0	1603415	Toyota Celica Conv GT
57	0.0	1603500	Toyota MR2
8	0.0	1603522	Toyota MR2 T-Bar
5	0.0	1603524	Toyota MR2 Turbo
4	0.0	1603528	Toyota MR2 Supercharged
6	0.0	1603610	Toyota 4Runner 2D 4x4 Deluxe
12	0.0	1603611	Toyota 4Runner 2D 4x4 SR5
14	0.0	1603616	Toyota 4Runner 2D 4x4 SR5 Sport
1	0.0	1603639	Toyota 4Runner 2D 4x4 SR5 V6
33	0.0	1603700	Toyota Supra 2D
17	0.0	1603721	Toyota Supra 2D with Sport Roof
24	0.0	1603724	Toyota Supra 2D Turbo
12	0.0	1603729	Toyota Supra 2D with Sport Roof, Turbo
1	0.0	1603740	Toyota Supra 2D Base/SE
4	0.0	1603800	Toyota Camry SW
66	0.0	1603810	Toyota Camry SW Deluxe
65	0.0	1603813	Toyota Camry SW LE (Luxury Edition)
41	0.0	1603900	Toyota Corolla FX 2D
5	0.0	1603925	Toyota Corolla FX 2D FX16
5	0.0	1603926	Toyota Corolla FX 2D FX16 GT-S
3	0.0	1604013	Toyota Van 4x4 LE (Luxury Edition)
6	0.0	1604120	Toyota Cargo Van 4x4 Panel Van
1	0.0	1604200	Toyota PU X Cab LN 1/2T
17	0.0	1604210	Toyota PU X Cab LN 1/2T Deluxe
3	0.0	1604324	Toyota Celica 2D 4WD Turbo
10	0.0	1604410	Toyota Camry 4D 4WD Deluxe
8	0.0	1604413	Toyota Camry 4D 4WD LE (Luxury Edition)
19	0.0	1604500	Toyota Chassis Cab
12	0.0	1604610	Toyota Corolla SW 4WD Deluxe
1	0.0	1604710	Toyota Corolla 4D 4WD Deluxe
2	0.0	1604800	Toyota 4Runner 4D 4x2
3	0.0	1604839	Toyota 4Runner 4D 4x2 SR5 V6
12	0.0	1604900	Toyota 4Runner 4D 4x4
8	0.0	1604911	Toyota 4Runner 4D 4x4 SR5
323	0.2	1604939	Toyota 4Runner 4D 4x4 SR5 V6
63	0.0	1604944	Toyota 4Runner 4D 4x4 Limited V6
32	0.0	1605010	Toyota Previa Van 4x2 Deluxe
49	0.0	1605013	Toyota Previa Van 4x2 LE (Luxury Edition)
2	0.0	1605033	Toyota Previa Van 4x2 LE S/C
16	0.0	1605034	Toyota Previa Van 4x2 DX S/C
2	0.0	1605110	Toyota Previa Van 4x4 Deluxe
7	0.0	1605113	Toyota Previa Van 4x4 LE (Luxury Edition)

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
3	0.0	1605133	Toyota Previa Van 4x4 LE S/C
2	0.0	1605134	Toyota Previa Van 4x4 DX S/C
112	0.1	1605200	Toyota Paseo 2D
18	0.0	1605300	Toyota T100 Pickup 1/2T 4x2
5	0.0	1605310	Toyota T100 Pickup 1/2T 4x2 Deluxe
7	0.0	1605332	Toyota T100 Pickup 1/2T 4x2 STD
1	0.0	1605410	Toyota T100 Pickup 1/2T 4x4 Deluxe
3	0.0	1605411	Toyota T100 Pickup 1/2T 4x4 SR5
1	0.0	1605432	Toyota T100 Pickup 1/2T 4x4 STD
14	0.0	1605600	Toyota Camry 2D
8	0.0	1605610	Toyota Camry 2D Deluxe
41	0.0	1605613	Toyota Camry 2D LE (Luxury Edition)
3	0.0	1605631	Toyota Camry 2D SE
17	0.0	1605735	Toyota Avalon 4D XL
29	0.0	1605736	Toyota Avalon 4D XLS
131	0.1	1605763	Toyota Avalon 4D XL/XLS
3	0.0	1605810	Toyota T100 PU X Cab 1/2T 4x2 Deluxe
5	0.0	1605811	Toyota T100 PU X Cab 1/2T 4x2 SR5
5	0.0	1605900	Toyota T100 PU X Cab 1/2T 4x4
2	0.0	1605910	Toyota T100 PU X Cab 1/2T 4x4 Deluxe
14	0.0	1605911	Toyota T100 PU X Cab 1/2T 4x4 SR5
62	0.0	1606000	Toyota Tacoma PU 4x2
57	0.0	1606100	Toyota Tacoma PU X Cab 4x2
3	0.0	1606148	Toyota Tacoma PU X Cab 4x2 Prerunner
49	0.0	1606200	Toyota Tacoma PU 4x4
97	0.1	1606300	Toyota Tacoma PU X Cab 4x4
9	0.0	1606338	Toyota Tacoma PU X Cab 4x4 V6
5	0.0	1606339	Toyota Tacoma PU X Cab 4x4 SR5 V6
3	0.0	1606400	Toyota Rav4 2D 2WD
8	0.0	1606500	Toyota Rav4 4D 2WD
3	0.0	1606600	Toyota Rav4 2D 4WD
101	0.1	1606700	Toyota Rav4 4D 4WD
1	0.0	1606945	Toyota Sienna Van 2WD CE 4D
13	0.0	1606947	Toyota Sienna Van 2WD LE/XLE 5D
2	0.0	1607149	Toyota Camry Solara 2D SE/SLE V6
8	0.0	1700200	Capri/Mercur XR4TI 2D
4	0.0	1700300	Capri/Mercur Scorpio 4D
484	0.3	1800000	Mazda Unknown Series Model
2	0.0	1801300	Mazda GLC Sedan
21	0.0	1801301	Mazda GLC Sedan FWD
126	0.1	1801600	Mazda RX-7 Coupe
18	0.0	1801602	Mazda RX-7 Coupe Turbo
1	0.0	1801700	Mazda GLC Wagon
306	0.2	1801800	Mazda 626 Sedan
10	0.0	1801802	Mazda 626 Sedan Turbo
19	0.0	1801804	Mazda 626 Sedan ES
480	0.3	1801808	Mazda 626 Sedan DX/LX
76	0.0	1801810	Mazda 626 Sedan LX-V6/ES-V6
2	0.0	1801813	Mazda 626 Sedan LX/ES
138	0.1	1801900	Mazda B Series STD PU 4x2
22	0.0	1802000	Mazda B Series Long PU 4x2
6	0.0	1802101	Mazda GLC 2D FWD

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998 Prcnt	Code	Value and Description
26	0.0	1802200 Mazda 626/MX-6 2D
117	0.1	1802205 Mazda 626/MX-6 2D MX-6
17	0.0	1802206 Mazda 626/MX-6 2D MX-6 Turbo
51	0.0	1802207 Mazda 626/MX-6 2D MX-6 LS
97	0.1	1802500 Mazda B Series Cab+ PU 4x2
82	0.0	1802600 Mazda 323 2D 2WD
91	0.1	1802700 Mazda 323 4D 2WD
405	0.2	1802709 Mazda 323 4D 2WD Protege
5	0.0	1802800 Mazda 323 SW
12	0.0	1802900 Mazda B Series STD PU 4x4
33	0.0	1803100 Mazda B Series Cab+ PU 4x4
9	0.0	1803200 Mazda RX-7 Conv
128	0.1	1803400 Mazda 929 4D
149	0.1	1803600 Mazda MPV Van 2WD
58	0.0	1803700 Mazda MPV Van 4WD
131	0.1	1803800 Mazda MX-5 Miata Conv
1	0.0	1803909 Mazda 323 4D 4WD Protege
15	0.0	1804000 Mazda Navajo 2D 4x4
90	0.1	1804100 Mazda MX-3 Coupe
30	0.0	1804111 Mazda MX-3 Coupe GS
46	0.0	1804300 Mazda Millenia 4D
23	0.0	1804312 Mazda Millenia 4D S
11	0.0	1804404 Mazda Protege 4D ES
416	0.2	1804408 Mazda Protege 4D DX/LX
26	0.0	1900000 Fiat/Bertone Unknown Series Model
2	0.0	1900800 Fiat/Bertone X 1/9
141	0.1	2000000 Volvo Unknown Series Model
1	0.0	2000100 Volvo 140 2D
1	0.0	2000200 Volvo 140 4D
3	0.0	2000700 Volvo 240 2D
4	0.0	2000704 Volvo 240 2D De Luxe (DL)
3	0.0	2000706 Volvo 240 2D Grand Luxe Touring
27	0.0	2000800 Volvo 240 4D
4	0.0	2000802 Volvo 240 4D Grand Luxe (GL)
8	0.0	2000804 Volvo 240 4D De Luxe (DL)
3	0.0	2000806 Volvo 240 4D Grand Luxe Touring
197	0.1	2000807 Volvo 240 4D DL/GL
3	0.0	2000809 Volvo 240 4D Turbo
16	0.0	2000812 Volvo 240 4D Base/DL
16	0.0	2000813 Volvo 240 4D Base/GL
25	0.0	2000900 Volvo 240 SW
2	0.0	2000902 Volvo 240 SW Grand Luxe (GL)
1	0.0	2000904 Volvo 240 SW De Luxe (DL)
2	0.0	2000906 Volvo 240 SW Grand Luxe Touring
112	0.1	2000907 Volvo 240 SW DL/GL
7	0.0	2000908 Volvo 240 SW DL/GLT
1	0.0	2000909 Volvo 240 SW Turbo
5	0.0	2000912 Volvo 240 SW Base/DL
3	0.0	2000915 Volvo 240 SW Base/SE
2	0.0	2001100 Volvo 260 4D
1	0.0	2001105 Volvo 260 4D Grand Luxe Exec (GLE)
6	0.0	2001305 Volvo 760/740 4D Grand Luxe Exec (GLE)

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
23	0.0	2001310	Volvo 760/740 4D 760 GLE
86	0.0	2001311	Volvo 760/740 4D 740 GLE
5	0.0	2001410	Volvo 760/740 SW 760 GLE
33	0.0	2001411	Volvo 760/740 SW 740 GLE
2	0.0	2001505	Volvo 780 2D Grand Luxe Exec (GLE)
1	0.0	2001509	Volvo 780 2D Turbo
6	0.0	2001605	Volvo 760 4D Grand Luxe Exec (GLE)
12	0.0	2001609	Volvo 760 4D Turbo
8	0.0	2001617	Volvo 760 4D GLE Turbo
4	0.0	2001709	Volvo 760 SW Turbo
1	0.0	2001717	Volvo 760 SW GLE Turbo
19	0.0	2001800	Volvo 740 4D
35	0.0	2001802	Volvo 740 4D Grand Luxe (GL)
30	0.0	2001805	Volvo 740 4D Grand Luxe Exec (GLE)
13	0.0	2001809	Volvo 740 4D Turbo
28	0.0	2001813	Volvo 740 4D Base/GL
3	0.0	2001814	Volvo 740 4D Turbo/SE Turbo
4	0.0	2001817	Volvo 740 4D GLE Turbo
13	0.0	2001900	Volvo 740 SW
4	0.0	2001902	Volvo 740 SW Grand Luxe (GL)
11	0.0	2001905	Volvo 740 SW Grand Luxe Exec (GLE)
10	0.0	2001909	Volvo 740 SW Turbo
9	0.0	2001913	Volvo 740 SW Base/GL
2	0.0	2001914	Volvo 740 SW Turbo/SE Turbo
5	0.0	2001917	Volvo 740 SW GLE Turbo
28	0.0	2002000	Volvo 940 4D
8	0.0	2002002	Volvo 940 4D Grand LUXE (GL)
2	0.0	2002005	Volvo 940 4D Grand Luxe Exec (GLE)
10	0.0	2002009	Volvo 940 4D Turbo
1	0.0	2002016	Volvo 940 4D SE Turbo
14	0.0	2002100	Volvo 940 SW
6	0.0	2002109	Volvo 940 SW Turbo
2	0.0	2002116	Volvo 940 SW SE Turbo
45	0.0	2002200	Volvo 960/S90 4D
15	0.0	2002300	Volvo 960/V90 SW
32	0.0	2002400	Volvo 850 4D
17	0.0	2002409	Volvo 850 4D Turbo
25	0.0	2002419	Volvo 850 4D GLT
43	0.0	2002420	Volvo 850 4D Base/GLT
1	0.0	2002423	Volvo 850 4D T5
16	0.0	2002500	Volvo 850 SW
7	0.0	2002509	Volvo 850 SW Turbo
3	0.0	2002519	Volvo 850 SW GLT
7	0.0	2002520	Volvo 850 SW Base/GLT
1	0.0	2002523	Volvo 850 SW T5
16	0.0	2002600	Volvo S70 4D 2WD
9	0.0	2002619	Volvo S70 4D 2WD GLT
3	0.0	2002623	Volvo S70 4D 2WD T5
10	0.0	2002700	Volvo V70 SW 2WD
2	0.0	2002719	Volvo V70 SW 2WD GLT
1	0.0	2002723	Volvo V70 SW 2WD T5
1	0.0	2002824	Volvo V70 SW 4WD XC AWD

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
4	0.0	2002826	Volvo V70 SW 4WD AWD
1	0.0	2003227	Volvo S80 4D 2WD T-6
32	0.0	2100000	Audi Unknown Series Model
2	0.0	2100600	Audi 5000 4D 2WD
54	0.0	2100601	Audi 5000 4D 2WD S
4	0.0	2100604	Audi 5000 4D 2WD CS
12	0.0	2100700	Audi 4000 4D 2WD
26	0.0	2100701	Audi 4000 4D 2WD S
1	0.0	2100800	Audi 4000 2D
5	0.0	2101001	Audi 5000 SW 2WD S
10	0.0	2101100	Audi 4000 GT Coupe 2D
2	0.0	2101201	Audi 4000 Quattro 4D 4WD S
2	0.0	2101301	Audi 5000 Quattro 4D 4WD S
2	0.0	2101304	Audi 5000 Quattro 4D 4WD CS
10	0.0	2101500	Audi 80 4D 2WD
3	0.0	2101602	Audi 80 Quattro 4D 4WD 4WD
5	0.0	2101700	Audi 90 4D 2WD
2	0.0	2101701	Audi 90 4D 2WD S
2	0.0	2101704	Audi 90 4D 2WD CS
3	0.0	2101802	Audi 90 Quattro 4D 4WD 4WD
10	0.0	2101900	Audi 100 4D 2WD
4	0.0	2101901	Audi 100 4D 2WD S
2	0.0	2101904	Audi 100 4D 2WD CS
1	0.0	2102001	Audi 100 SW 2WD S
1	0.0	2102104	Audi 100 Quattro 4D 4WD CS
3	0.0	2102200	Audi 200 4D
1	0.0	2102502	Audi Coupe Quattro 2D 4WD
1	0.0	2102804	Audi 100 Quattro SW 4WD CS
2	0.0	2102900	Audi Cabriolet Conv
2	0.0	2103000	Audi A6 4D
8	0.0	2103202	Audi A6 Quattro 4D 4WD
3	0.0	2103208	Audi A6 Quattro 4D 2.8
4	0.0	2103302	Audi A6 Quattro SW 4WD
3	0.0	2103600	Audi A4 4D
1	0.0	2103608	Audi A4 4D 2.8
7	0.0	2103707	Audi A4 Quattro 4D 1.8T
2	0.0	2103708	Audi A4 Quattro 4D 2.8
3	0.0	2103910	Audi A8 Quattro 4D 4.2
1	0.0	2104008	Audi A4 Avant SW 2.8
1	0.0	2104108	Audi A4 Avant Quattro SW 2.8
24	0.0	2200000	Dodge/Mitsubishi Unknown Series Model
1	0.0	2200500	Dodge/Mitsubishi Challenger
30	0.0	2200600	Dodge/Mitsubishi Colt 2D
3	0.0	2200601	Dodge/Mitsubishi Colt 2D GT
1	0.0	2200603	Dodge/Mitsubishi Colt 2D Custom
1	0.0	2200604	Dodge/Mitsubishi Colt 2D Deluxe
25	0.0	2200605	Dodge/Mitsubishi Colt 2D E
6	0.0	2200606	Dodge/Mitsubishi Colt 2D DL
16	0.0	2200611	Dodge/Mitsubishi Colt 2D GL
3	0.0	2200700	Dodge/Mitsubishi Colt 4D
1	0.0	2200703	Dodge/Mitsubishi Colt 4D Custom
10	0.0	2200705	Dodge/Mitsubishi Colt 4D E

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
12	0.0	2200706	Dodge/Mitsubishi Colt 4D DL
1	0.0	2200707	Dodge/Mitsubishi Colt 4D Base/ES
6	0.0	2200708	Dodge/Mitsubishi Colt 4D Premier
4	0.0	2200711	Dodge/Mitsubishi Colt 4D GL
4	0.0	2200712	Dodge/Mitsubishi Colt 4D ES
14	0.0	2200800	Dodge/Mitsubishi Colt Vista SW 2WD
1	0.0	2200900	Dodge/Mitsubishi Conquest 2D
7	0.0	2201000	Dodge/Mitsubishi Colt Vista SW 4WD
12	0.0	2201100	Dodge/Mitsubishi Raider
3	0.0	2201206	Dodge/Mitsubishi Colt SW 2WD DL
2	0.0	2201210	Dodge/Mitsubishi Colt SW 2WD DL Turbo
3	0.0	2201306	Dodge/Mitsubishi Colt SW 4WD DL
18	0.0	2201400	Dodge/Mitsubishi Stealth 2D 2WD
7	0.0	2201412	Dodge/Mitsubishi Stealth 2D 2WD ES
9	0.0	2201413	Dodge/Mitsubishi Stealth 2D 2WD R/T
8	0.0	2201514	Dodge/Mitsubishi Stealth 2D 4WD R/T Turbo
860	0.5	2300000	Honda Unknown Series Model
45	0.0	2300109	Honda Civic CVCC/CRX 2D CRX HF
93	0.1	2300115	Honda Civic CVCC/CRX 2D CRX
84	0.0	2300116	Honda Civic CVCC/CRX 2D CRX SI
3	0.0	2300117	Honda Civic CVCC/CRX 2D CRX 1.5
117	0.1	2300200	Honda Civic CVCC 3D
299	0.2	2300201	Honda Civic CVCC 3D DX
2	0.0	2300205	Honda Civic CVCC 3D FE
13	0.0	2300206	Honda Civic CVCC 3D S
76	0.0	2300210	Honda Civic CVCC 3D SI
23	0.0	2300223	Honda Civic CVCC 3D VX
90	0.1	2300224	Honda Civic CVCC 3D CX
1	0.0	2300229	Honda Civic CVCC 3D SI with ABS
49	0.0	2300300	Honda Civic CVCC SW
4	0.0	2300314	Honda Civic CVCC SW Wagovan
1	0.0	2300500	Honda Civic Air 3D
72	0.0	2300600	Honda Accord 2D
62	0.0	2300601	Honda Accord 2D DX
227	0.1	2300603	Honda Accord 2D LX
17	0.0	2300604	Honda Accord 2D SE
9	0.0	2300608	Honda Accord 2D SEI
160	0.1	2300611	Honda Accord 2D LXI
224	0.1	2300618	Honda Accord 2D EX
14	0.0	2300627	Honda Accord 2D LX with ABS
216	0.1	2300800	Honda Accord 4D
155	0.1	2300801	Honda Accord 4D DX
1690	1.0	2300803	Honda Accord 4D LX
101	0.1	2300804	Honda Accord 4D SE
25	0.0	2300808	Honda Accord 4D SEI
222	0.1	2300811	Honda Accord 4D LXI
847	0.5	2300818	Honda Accord 4D EX
31	0.0	2300826	Honda Accord 4D 10th Anniversary Edition
53	0.0	2300827	Honda Accord 4D LX with ABS
5	0.0	2300830	Honda Accord 4D DX with ABS
9	0.0	2300833	Honda Accord 4D 25th Anniversary Edition
58	0.0	2300834	Honda Accord 4D Value Package

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
1	0.0	2300838	Honda Accord 4D LX-ULEV
5	0.0	2300839	Honda Accord 4D EX-ULEV
118	0.1	2300900	Honda Prelude
2	0.0	2300904	Honda Prelude SE
20	0.0	2300906	Honda Prelude S
82	0.0	2300910	Honda Prelude SI
24	0.0	2300919	Honda Prelude SI 4WS
10	0.0	2300920	Honda Prelude SI ALB
39	0.0	2300921	Honda Prelude 2.0 S
157	0.1	2300922	Honda Prelude 2.0 SI
12	0.0	2300925	Honda Prelude VTEC
4	0.0	2300935	Honda Prelude SH
175	0.1	2301000	Honda Civic 4D
473	0.3	2301001	Honda Civic 4D DX
704	0.4	2301003	Honda Civic 4D LX
181	0.1	2301018	Honda Civic 4D EX
21	0.0	2301027	Honda Civic 4D LX with ABS
1	0.0	2301037	Honda Civic 4D DX-V
16	0.0	2301100	Honda Civic SW 4x4
49	0.0	2301203	Honda Accord SW LX
64	0.0	2301218	Honda Accord SW EX
2	0.0	2301227	Honda Accord SW LX with ABS
38	0.0	2301306	Honda Civic Del Sol Conv S
47	0.0	2301310	Honda Civic Del Sol Conv SI
6	0.0	2301325	Honda Civic Del Sol Conv VTEC
315	0.2	2301401	Honda Civic 2D Coupe DX
508	0.3	2301418	Honda Civic 2D Coupe EX
41	0.0	2301428	Honda Civic 2D Coupe EX with ABS
1	0.0	2301430	Honda Civic 2D Coupe DX with ABS
38	0.0	2301431	Honda Civic 2D Coupe HX
15	0.0	2301500	Honda Passport 4D 4x2
75	0.0	2301600	Honda Passport 4D 4x4
38	0.0	2301703	Honda Odyssey Wagon LX
13	0.0	2301718	Honda Odyssey Wagon EX
37	0.0	2301803	Honda CR-V 4D 4WD LX
9	0.0	2301818	Honda CR-V 4D 4WD EX
19	0.0	2301827	Honda CR-V 4D 4WD LX with ABS
1	0.0	2302003	Honda CR-V 4D 2WD LX
4	0.0	2400000	Porsche Unknown Series Model
1	0.0	2400100	Porsche 914 Roadster
5	0.0	2400200	Porsche 911 Coupe
1	0.0	2400201	Porsche 911 Coupe Turbo
5	0.0	2400203	Porsche 911 Coupe Carrera 4/Carrera 2
1	0.0	2400300	Porsche 911 Targa
1	0.0	2400400	Porsche 912 Coupe
1	0.0	2400600	Porsche 924 Coupe
5	0.0	2400602	Porsche 924 Coupe S
2	0.0	2400700	Porsche 928 Coupe
26	0.0	2400800	Porsche 944 Coupe
3	0.0	2400801	Porsche 944 Coupe Turbo
1	0.0	2400802	Porsche 944 Coupe S
3	0.0	2400900	Porsche 911 Targa/Cabriolet

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
1	0.0	2400901	Porsche 911 Targa/Cabriolet Turbo
4	0.0	2401002	Porsche 944 Conv S
6	0.0	2401203	Porsche 911 Conv Carrera 4/Carrera 2
1	0.0	2401500	Porsche 968 Conv
6	0.0	2401600	Porsche Boxter Conv
1	0.0	2500100	MG MG Midget
4	0.0	2500300	MG MGB
136	0.1	2600000	Subaru Unknown Series Model
9	0.0	2601002	Subaru DL/GL SW 4WD DL
45	0.0	2601003	Subaru DL/GL SW 4WD GL
2	0.0	2601008	Subaru DL/GL SW 4WD GL Turbo
8	0.0	2601010	Subaru DL/GL SW 4WD GL-10 Turbo
2	0.0	2601023	Subaru DL/GL SW 4WD GL/GL Turbo
3	0.0	2601403	Subaru Brat 4x4 GL
2	0.0	2601501	Subaru Hatchback STD
7	0.0	2601503	Subaru Hatchback GL
8	0.0	2601603	Subaru Hatchback 4WD GL
18	0.0	2601702	Subaru DL/GL 4D Sedan 2WD DL
56	0.0	2601703	Subaru DL/GL 4D Sedan 2WD GL
11	0.0	2601709	Subaru DL/GL 4D Sedan 2WD GL-10
2	0.0	2601710	Subaru DL/GL 4D Sedan 2WD GL-10 Turbo
14	0.0	2601723	Subaru DL/GL 4D Sedan 2WD GL/GL Turbo
30	0.0	2601803	Subaru Hardtop/XT 2D 2WD GL
1	0.0	2601810	Subaru Hardtop/XT 2D 2WD GL-10 Turbo
4	0.0	2601813	Subaru Hardtop/XT 2D 2WD XT6
19	0.0	2601902	Subaru DL/GL SW 2WD DL
43	0.0	2601903	Subaru DL/GL SW 2WD GL
9	0.0	2601909	Subaru DL/GL SW 2WD GL-10
7	0.0	2601910	Subaru DL/GL SW 2WD GL-10 Turbo
6	0.0	2601923	Subaru DL/GL SW 2WD GL/GL Turbo
10	0.0	2602003	Subaru GL 4D 4WD GL
2	0.0	2602010	Subaru GL 4D 4WD GL-10 Turbo
2	0.0	2602103	Subaru Hardtop/XT 2D 4WD GL
1	0.0	2602108	Subaru Hardtop/XT 2D 4WD GL Turbo
1	0.0	2602110	Subaru Hardtop/XT 2D 4WD GL-10 Turbo
6	0.0	2602113	Subaru Hardtop/XT 2D 4WD XT6
5	0.0	2602202	Subaru DL/GL 2D 2WD DL
4	0.0	2602203	Subaru DL/GL 2D 2WD GL
7	0.0	2602303	Subaru GL 2D 4WD GL
1	0.0	2602311	Subaru GL 2D 4WD RX Turbo
2	0.0	2602402	Subaru XT 2D (2 Seat) DL
7	0.0	2602502	Subaru Justy 2D 2WD DL
18	0.0	2602503	Subaru Justy 2D 2WD GL
1	0.0	2602603	Subaru Justy 2D 4WD GL
4	0.0	2602612	Subaru Justy 2D 4WD GL/RS
53	0.0	2602800	Subaru Loyale 4D 2WD
22	0.0	2602900	Subaru Loyale SW 2WD
1	0.0	2603100	Subaru Loyale 4D 4WD
12	0.0	2603200	Subaru Loyale SW 4WD
122	0.1	2603314	Subaru Legacy 4D 2WD L/L+
5	0.0	2603315	Subaru Legacy 4D 2WD LS
9	0.0	2603316	Subaru Legacy 4D 2WD LS Special

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
6	0.0	2603324	Subaru Legacy 4D 2WD LS/LSI
3	0.0	2603329	Subaru Legacy 4D 2WD L
38	0.0	2603414	Subaru Legacy SW 2WD L/L+
11	0.0	2603415	Subaru Legacy SW 2WD LS
1	0.0	2603416	Subaru Legacy SW 2WD LS Special
3	0.0	2603422	Subaru Legacy SW 2WD L+ Touring
1	0.0	2603429	Subaru Legacy SW 2WD L
23	0.0	2603514	Subaru Legacy/Outback 4D 4WD L/L+
1	0.0	2603515	Subaru Legacy/Outback 4D 4WD LS
13	0.0	2603516	Subaru Legacy/Outback 4D 4WD LS Special
9	0.0	2603524	Subaru Legacy/Outback 4D 4WD LS/LSI
3	0.0	2603525	Subaru Legacy/Outback 4D 4WD L+ Turbo
11	0.0	2603527	Subaru Legacy/Outback 4D 4WD L+
1	0.0	2603528	Subaru Legacy/Outback 4D 4WD Turbo Sport Sedan
19	0.0	2603529	Subaru Legacy/Outback 4D 4WD L
9	0.0	2603537	Subaru Legacy/Outback 4D 4WD GT
3	0.0	2603538	Subaru Legacy/Outback 4D 4WD Sport Utility Sedan
41	0.0	2603614	Subaru Legacy/Outback SW 4WD L/L+
5	0.0	2603615	Subaru Legacy/Outback SW 4WD LS
4	0.0	2603616	Subaru Legacy/Outback SW 4WD LS Special
1	0.0	2603619	Subaru Legacy/Outback SW 4WD Turbo
10	0.0	2603624	Subaru Legacy/Outback SW 4WD LS/LSI
19	0.0	2603629	Subaru Legacy/Outback SW 4WD L
2	0.0	2603630	Subaru Legacy/Outback SW 4WD LSI
13	0.0	2603632	Subaru Legacy/Outback SW 4WD Brighton
1	0.0	2603633	Subaru Legacy/Outback SW 4WD Postal
12	0.0	2603635	Subaru Legacy/Outback SW 4WD L/Outback
73	0.0	2603636	Subaru Legacy/Outback SW 4WD Outback
8	0.0	2603637	Subaru Legacy/Outback SW 4WD GT
3	0.0	2603703	Subaru Justy 4D 4WD GL
1	0.0	2603815	Subaru SVX 2D 4WD LS
7	0.0	2603826	Subaru SVX 2D 4WD LS-L
1	0.0	2603830	Subaru SVX 2D 4WD LSI
1	0.0	2603915	Subaru SVX 2D 2WD LS
1	0.0	2604000	Subaru Impreza 4D 2WD
3	0.0	2604015	Subaru Impreza 4D 2WD LS
27	0.0	2604027	Subaru Impreza 4D 2WD L+
8	0.0	2604029	Subaru Impreza 4D 2WD L
5	0.0	2604127	Subaru Impreza 4D 4WD L+
25	0.0	2604129	Subaru Impreza 4D 4WD L
1	0.0	2604134	Subaru Impreza 4D 4WD LX
7	0.0	2604227	Subaru Impreza SW 2WD L+
1	0.0	2604229	Subaru Impreza SW 2WD L
2	0.0	2604315	Subaru Impreza SW 4WD LS
6	0.0	2604327	Subaru Impreza SW 4WD L+
7	0.0	2604329	Subaru Impreza SW 4WD L
6	0.0	2604334	Subaru Impreza SW 4WD LX
2	0.0	2604335	Subaru Impreza SW 4WD L/Outback
27	0.0	2604336	Subaru Impreza SW 4WD Outback
6	0.0	2604429	Subaru Impreza 2D 2WD L
1	0.0	2604517	Subaru Impreza 2D 4WD RS
10	0.0	2604529	Subaru Impreza 2D 4WD L

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
8	0.0	2604532	Subaru Impreza 2D 4WD Brighton
1	0.0	2604534	Subaru Impreza 2D 4WD LX
17	0.0	2604629	Subaru Forester 4D 4WD L
12	0.0	2604639	Subaru Forester 4D 4WD S
21	0.0	2700000	Chry/Plym/Mits Unknown Series Model
2	0.0	2700300	Chry/Plym/Mits Champ 2D
27	0.0	2700500	Chry/Plym/Mits Colt 2D
5	0.0	2700502	Chry/Plym/Mits Colt 2D GT
2	0.0	2700503	Chry/Plym/Mits Colt 2D Custom
27	0.0	2700506	Chry/Plym/Mits Colt 2D E
5	0.0	2700507	Chry/Plym/Mits Colt 2D DL
18	0.0	2700513	Chry/Plym/Mits Colt 2D GL
6	0.0	2700600	Chry/Plym/Mits Colt 4D
11	0.0	2700606	Chry/Plym/Mits Colt 4D E
13	0.0	2700607	Chry/Plym/Mits Colt 4D DL
3	0.0	2700609	Chry/Plym/Mits Colt 4D Premier
3	0.0	2700613	Chry/Plym/Mits Colt 4D GL
24	0.0	2700700	Chry/Plym/Mits Colt Vista SW 2WD
1	0.0	2700714	Chry/Plym/Mits Colt Vista SW 2WD SE
7	0.0	2700800	Chry/Plym/Mits Conquest 2D
1	0.0	2700812	Chry/Plym/Mits Conquest 2D TSI
5	0.0	2700900	Chry/Plym/Mits Colt Vista SW 4WD
1	0.0	2700908	Chry/Plym/Mits Colt Vista SW 4WD AWD
3	0.0	2701007	Chry/Plym/Mits Colt SW 2WD DL
1	0.0	2701011	Chry/Plym/Mits Colt SW 2WD DL Turbo
25	0.0	2800000	GMCA/Passport Unknown Series Model
1	0.0	2801606	GMCA/Passport Parisienne 4D Brougham
1	0.0	2802900	GMCA/Passport Firefly 4D
941	0.5	2900000	Chevrolet/Geo Truck Unknown Series Model
15	0.0	2900100	Chevrolet/Geo 10/1500 Chassis C 1/2T
721	0.4	2900200	Chevrolet/Geo 10/1500 PU 1/2T
19	0.0	2900201	Chevrolet/Geo 10/1500 PU 1/2T 4-Wheel Drive
64	0.0	2900300	Chevrolet/Geo Suburban 1/2T
3	0.0	2900305	Chevrolet/Geo Suburban 1/2T Incomplete
2	0.0	2900306	Chevrolet/Geo Suburban 1/2T Truck
5	0.0	2900400	Chevrolet/Geo Blazer 1/2T
12	0.0	2900401	Chevrolet/Geo Blazer 1/2T 4-Wheel Drive
20	0.0	2900500	Chevrolet/Geo 20/2500 Chassis C 3/4T
186	0.1	2900600	Chevrolet/Geo 20/2500 PU 3/4T
5	0.0	2900601	Chevrolet/Geo 20/2500 PU 3/4T 4-Wheel Drive
30	0.0	2900700	Chevrolet/Geo Suburban 3/4T
84	0.0	2900800	Chevrolet/Geo 30 Chassis Cab 1T
12	0.0	2900900	Chevrolet/Geo 30 Pickup 1T
127	0.1	2901000	Chevrolet/Geo Chevan/EXP CG 1500 4x2
28	0.0	2901005	Chevrolet/Geo Chevan/EXP CG 1500 4x2 Incomplete
9	0.0	2901100	Chevrolet/Geo Sportvan 1/2T
293	0.2	2901200	Chevrolet/Geo Chevan/EXP CG 2500 4x2
228	0.1	2901205	Chevrolet/Geo Chevan/EXP CG 2500 4x2 Incomplete
42	0.0	2901300	Chevrolet/Geo Sportvan 3/4T
4	0.0	2901400	Chevrolet/Geo Cutaway Van 1T
107	0.1	2901500	Chevrolet/Geo Chevyvan 1T
5	0.0	2901600	Chevrolet/Geo Sportvan 1T

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
23	0.0	2901608	Chevrolet/Geo Sportvan 1T Bus
2	0.0	2901700	Chevrolet/Geo LUV Pickup
124	0.1	2901801	Chevrolet/Geo Suburban 1/2T 4x4 4-Wheel Drive
1	0.0	2901805	Chevrolet/Geo Suburban 1/2T 4x4 Incomplete
1	0.0	2901806	Chevrolet/Geo Suburban 1/2T 4x4 Truck
144	0.1	2901901	Chevrolet/Geo Blazer 1/2T 4x4 4-Wheel Drive
42	0.0	2902001	Chevrolet/Geo Suburban 3/4T 4x4 4-Wheel Drive
1	0.0	2902101	Chevrolet/Geo 10/1500 CC 1/2T 4x4 4-Wheel Drive
261	0.1	2902201	Chevrolet/Geo 10/1500 PU 1/2T 4x4 4-Wheel Drive
2	0.0	2902301	Chevrolet/Geo 20/2500 CC 3/4T 4x4 4-Wheel Drive
123	0.1	2902401	Chevrolet/Geo 20/2500 PU 3/4T 4x4 4-Wheel Drive
3	0.0	2902501	Chevrolet/Geo 30 Chassis C 1T 4x4 4-Wheel Drive
3	0.0	2902601	Chevrolet/Geo 30 Pickup 1T 4x4 4-Wheel Drive
39	0.0	2903000	Chevrolet/Geo El Camino
131	0.1	2903201	Chevrolet/Geo Tahoe 4D 4x4 4-Wheel Drive
6	0.0	2903300	Chevrolet/Geo Tahoe 4D 4x2
11	0.0	2903500	Chevrolet/Geo Tracker 4D 4x2
29	0.0	2903600	Chevrolet/Geo Tracker 4D 4x4
2	0.0	2903700	Chevrolet/Geo Express Van 1500 4x2
1	0.0	2903908	Chevrolet/Geo Express Van 3500 4x2 Bus
976	0.6	2904100	Chevrolet/Geo S10 Pickup 4x2
109	0.1	2904201	Chevrolet/Geo T10 Pickup 4x4 4-Wheel Drive
74	0.0	2904300	Chevrolet/Geo S10 Blazer 2D 4x2
533	0.3	2904401	Chevrolet/Geo T10 Blazer 2D 4x4 4-Wheel Drive
1	0.0	2904405	Chevrolet/Geo T10 Blazer 2D 4x4 Incomplete
4	0.0	2904406	Chevrolet/Geo T10 Blazer 2D 4x4 Truck
30	0.0	2904500	Chevrolet/Geo S10 Chassis Cab 4x2
190	0.1	2904607	Chevrolet/Geo Astro Van 4x2 MPV
33	0.0	2904705	Chevrolet/Geo Astro Cargo Van 4x2 Incomplete
136	0.1	2904706	Chevrolet/Geo Astro Cargo Van 4x2 Truck
262	0.1	2904800	Chevrolet/Geo S10 PU Ext Cab 4x2
82	0.0	2904901	Chevrolet/Geo T10 PU Ext Cab 4x4 4-Wheel Drive
11	0.0	2905002	Chevrolet/Geo 30/3500 Crew CC 1T 4x2 Bonus/Crew Cab
31	0.0	2905102	Chevrolet/Geo 30/3500 CR PU 1T 4x2 Bonus/Crew Cab
12	0.0	2905203	Chevrolet/Geo 30/3500 CR CC 1T 4x4 Bonus/Crew Cab 4WD
12	0.0	2905303	Chevrolet/Geo 30/3500 CR C PU 1T 4x4 Bonus/Crew Cab 4WD
9	0.0	2905502	Chevrolet/Geo Crew Cab PU 3/4T 4x2 Bonus/Crew Cab
34	0.0	2905600	Chevrolet/Geo Cutaway/RV Cut Van 1T
137	0.1	2905700	Chevrolet/Geo 1500 PU Ext C 1/2T 4x2
164	0.1	2905801	Chevrolet/Geo 1500 PU Ext C 1/2T 4x4 4-Wheel Drive
29	0.0	2905900	Chevrolet/Geo 2500 PU Ext C 3/4T 4x2
47	0.0	2906001	Chevrolet/Geo 2500 PU Ext C 3/4T 4x4 4-Wheel Drive
17	0.0	2906100	Chevrolet/Geo 3500 PU Ext C 1T 4x2
11	0.0	2906201	Chevrolet/Geo 3500 PU Ext C 1T 4x4 4-Wheel Drive
4	0.0	2906300	Chevrolet/Geo 3500 CC Ext C 1T 4x2
1	0.0	2906401	Chevrolet/Geo 3500 CC Ext C 1T 4x4 4-Wheel Drive
93	0.1	2906500	Chevrolet/Geo 3500 CC 1T 4x2 (C Body)
17	0.0	2906601	Chevrolet/Geo 3500 CC 1T 4x4 (K Body) 4-Wheel Drive
14	0.0	2906700	Chevrolet/Geo 3500 PU 1T 4x2 (C Body)
16	0.0	2906801	Chevrolet/Geo 3500 PU 1T 4x4 (K Body) 4-Wheel Drive
134	0.1	2906900	Chevrolet/Geo Geo Tracker 2D 4x4

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
101	0.1	2907007	Chevrolet/Geo Lumina APV/Van MPV
1	0.0	2907105	Chevrolet/Geo Lumina APV Cargo Van Incomplete
6	0.0	2907106	Chevrolet/Geo Lumina APV Cargo Van Truck
1	0.0	2907207	Chevrolet/Geo Astro Van 4x4 MPV
1	0.0	2907306	Chevrolet/Geo Astro Cargo Van 4x4 Truck
128	0.1	2907407	Chevrolet/Geo Astro Ext Van 4x2 MPV
38	0.0	2907505	Chevrolet/Geo Astro Ext Cargo Van 4x2 Incomplete
86	0.0	2907506	Chevrolet/Geo Astro Ext Cargo Van 4x2 Truck
41	0.0	2907607	Chevrolet/Geo Astro Ext Van 4x4 MPV
7	0.0	2907705	Chevrolet/Geo Astro Ext Cargo Van 4x4 Incomplete
4	0.0	2907706	Chevrolet/Geo Astro Ext Cargo Van 4x4 Truck
14	0.0	2907808	Chevrolet/Geo Sportvan 1T Ext Bus
11	0.0	2907900	Chevrolet/Geo Chevyvan 1T Ext
557	0.3	2908001	Chevrolet/Geo T10 Blazer 4D 4x4 4-Wheel Drive
35	0.0	2908100	Chevrolet/Geo S10 Blazer 4D 4x2
72	0.0	2908200	Chevrolet/Geo Geo Tracker 2D 4x2
14	0.0	2908300	Chevrolet/Geo 1500 CC Ext C 1/2T 4x2
6	0.0	2908401	Chevrolet/Geo 1500 CC Ext C 1/2T 4x4 4-Wheel Drive
22	0.0	2908700	Chevrolet/Geo P30 RV Chassis
1	0.0	2908808	Chevrolet/Geo Express Van 3500 Ext 4x2 Bus
24	0.0	2908900	Chevrolet/Geo Chevan/Exp CG 3500 4x2
5	0.0	2909000	Chevrolet/Geo Chevan/Exp CG 3500 Ext 4x2
14	0.0	2909100	Chevrolet/Geo Cut/RV Cut V 3500
5	0.0	2909300	Chevrolet/Geo Chevan/Exp CG 2500 Ext 4x2
19	0.0	2909407	Chevrolet/Geo Venture Van SWB 2WD MPV
28	0.0	2909507	Chevrolet/Geo Venture Van LWB 2WD MPV
491	0.3	3000000	GMC Unknown Series Model
1	0.0	3000100	GMC 1500 Chassis C 1/2T
215	0.1	3000200	GMC 1500 Pickup 1/2T
3	0.0	3000201	GMC 1500 Pickup 1/2T 4-Wheel Drive
18	0.0	3000300	GMC Suburban 1/2T
1	0.0	3000400	GMC Jimmy 1/2T
5	0.0	3000500	GMC 2500 Chassis C 3/4T
47	0.0	3000600	GMC 2500 Pickup 3/4T
1	0.0	3000601	GMC 2500 Pickup 3/4T 4-Wheel Drive
9	0.0	3000700	GMC Suburban 3/4T
1	0.0	3000707	GMC Suburban 3/4T Truck
29	0.0	3000800	GMC 3500 Chassis Cab 1T
1	0.0	3000900	GMC 3500 Pickup 1T
21	0.0	3001000	GMC Vandura 1/2T
1	0.0	3001006	GMC Vandura 1/2T Incomplete
56	0.0	3001200	GMC Vandura 3/4T
34	0.0	3001206	GMC Vandura 3/4T Incomplete
2	0.0	3001300	GMC Rally Van 3/4T
15	0.0	3001500	GMC Vandura 1T
2	0.0	3001506	GMC Vandura 1T Incomplete
2	0.0	3001600	GMC Rally Van 1T
2	0.0	3001609	GMC Rally Van 1T Bus
7	0.0	3002000	GMC Caballero
60	0.0	3002101	GMC Suburban 1/2T 4x4 4-Wheel Drive
2	0.0	3002106	GMC Suburban 1/2T 4x4 Incomplete
16	0.0	3002201	GMC Jimmy 1/2T 4x4 4-Wheel Drive

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
11	0.0	3002301	GMC Suburban 3/4T 4x4 4-Wheel Drive
1	0.0	3002307	GMC Suburban 3/4T 4x4 Truck
64	0.0	3002601	GMC 1500 Pickup 1/2T 4x4 4-Wheel Drive
32	0.0	3002801	GMC 2500 Pickup 3/4T 4x4 4-Wheel Drive
3	0.0	3002901	GMC 3500 Chass C 1T 4x4 4-Wheel Drive
3	0.0	3003001	GMC 3500 Pickup 1T 4x4 4-Wheel Drive
13	0.0	3003101	GMC Yukon 2D 4x4 4-Wheel Drive
26	0.0	3003201	GMC Yukon 4D 4x4 4-Wheel Drive
1	0.0	3003300	GMC Yukon 4D 4x2
1	0.0	3003800	GMC Savana Cargo Van 1500 4x2
5	0.0	3003806	GMC Savana Cargo Van 1500 4x2 Incomplete
6	0.0	3003900	GMC Savana Cargo Van 2500 4x2
33	0.0	3004000	GMC Cutaway/RV Cut Van 1T
169	0.1	3004100	GMC S15/Sonoma Pickup 4x2
24	0.0	3004201	GMC T15/Sonoma Pickup 4x4 4-Wheel Drive
15	0.0	3004300	GMC S15 Jimmy 2D 4x2
90	0.1	3004401	GMC T15 Jimmy 2D 4x4 4-Wheel Drive
2	0.0	3004406	GMC T15 Jimmy 2D 4x4 Incomplete
1	0.0	3004411	GMC T15 Jimmy 2D 4x4 Typhoon Incomplete
1	0.0	3004500	GMC S15 Chassis Cab 4x2
33	0.0	3004608	GMC Safari Van 4x2 MPV
5	0.0	3004706	GMC Safari Cargo Van 4x2 Incomplete
16	0.0	3004707	GMC Safari Cargo Van 4x2 Truck
57	0.0	3004800	GMC S15/Sonoma PU Ext Cab 4x2
22	0.0	3004901	GMC T15/Sonoma PU Ext Cab 4x4 4-Wheel Drive
7	0.0	3005003	GMC 3500 Crew C Chass 1T 4x2 Crew/Bonus Cab
8	0.0	3005103	GMC 3500 Crew PU 1T 4x2 Crew/Bonus Cab
3	0.0	3005204	GMC 3500 Crew CC 1T 4x4 Crew/Bonus Cab 4WD
3	0.0	3005304	GMC 3500 Crew PU 1T 4x4 Crew/Bonus Cab 4WD
3	0.0	3005503	GMC 2500 Crew PU 3/4T 4x2 Crew/Bonus Cab
42	0.0	3005700	GMC 1500 PU Ext C 1/2T 4x2
49	0.0	3005801	GMC 1500 PU Ext C 1/2T 4x4 4-Wheel Drive
3	0.0	3005900	GMC 2500 PU Ext C 3/4T 4x2
13	0.0	3006001	GMC 2500 PU Ext C 3/4T 4x4 4-Wheel Drive
6	0.0	3006100	GMC 3500 PU Ext C 1T 4x2
1	0.0	3006201	GMC 3500 PU Ext C 1T 4x4 4-Wheel Drive
1	0.0	3006300	GMC 3500 CC Ext C 1T 4x2
47	0.0	3006500	GMC 3500 CC 1T 4x2 (C Body)
2	0.0	3006601	GMC 3500 CC 1T 4x4 (K Body) 4-Wheel Drive
3	0.0	3006700	GMC 3500 PU 1T 4x2 (C Body)
5	0.0	3006801	GMC 3500 PU 1T 4x4 (K Body) 4-Wheel Drive
2	0.0	3006908	GMC Safari Van 4x4 MPV
1	0.0	3007006	GMC Safari Cargo Van 4x4 Incomplete
1	0.0	3007007	GMC Safari Cargo Van 4x4 Truck
55	0.0	3007108	GMC Safari Ext Van 4x2 MPV
5	0.0	3007206	GMC Safari Ext Cargo Van 4x2 Incomplete
9	0.0	3007207	GMC Safari Ext Cargo Van 4x2 Truck
13	0.0	3007308	GMC Safari Ext Van 4x4 MPV
3	0.0	3007407	GMC Safari Ext Cargo Van 4x4 Truck
3	0.0	3007509	GMC Rally Van 1T Ext Bus
4	0.0	3007600	GMC Vandura 1T Ext
158	0.1	3007701	GMC T15 Jimmy 4D 4x4 4-Wheel Drive

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
5	0.0	3007800	GMC S15 Jimmy 4D 4x2
1	0.0	3008201	GMC 1500 CC Ext C 1/2T 4x4 4-Wheel Drive
8	0.0	3008600	GMC Savana Cargo Van 3500 4x2
1	0.0	3008709	GMC Savana Van 3500 Ext 4x2 Bus
4	0.0	3008800	GMC Savana CG V 3500 Ext 4x2
17	0.0	3008900	GMC CUT/RV Cut V 3500
1545	0.9	3100000	Ford Truck Unknown Series Model
68	0.0	3100201	Ford E150 Econo Club Wagon Club Wagon
1	0.0	3100301	Ford E200 Econo Club Wagon Club Wagon
10	0.0	3100401	Ford E250 Econo Club Wagon Club Wagon
1	0.0	3100408	Ford E250 Econo Club Wagon Super Club Wagon
15	0.0	3100601	Ford E350 Econo Club Wagon Club Wagon
149	0.1	3100608	Ford E350 Econo Club Wagon Super Club Wagon
113	0.1	3100700	Ford F100 Pickup 4x2
1210	0.7	3100800	Ford F150 Pickup 4x2
3	0.0	3100823	Ford F150 Pickup 4x2 Flareside
89	0.1	3100824	Ford F150 Pickup 4x2 Styleside
316	0.2	3100900	Ford F250 Pickup 4x2
2	0.0	3100924	Ford F250 Pickup 4x2 Styleside
17	0.0	3101000	Ford F350 Pickup 4x2
17	0.0	3101100	Ford Bronco
308	0.2	3101114	Ford Bronco 4-Wheel Drive
12	0.0	3101202	Ford E100 Econo Cargo Van Cargo Van
1	0.0	3101204	Ford E100 Econo Cargo Van Display Van
352	0.2	3101302	Ford E150 Econo Cargo Van Cargo Van
15	0.0	3101303	Ford E150 Econo Cargo Van Window Van
3	0.0	3101304	Ford E150 Econo Cargo Van Display Van
11	0.0	3101309	Ford E150 Econo Cargo Van Super Cargo Van
232	0.1	3101320	Ford E150 Econo Cargo Van Incomplete
366	0.2	3101402	Ford E250 Econo Cargo Van Cargo Van
1	0.0	3101404	Ford E250 Econo Cargo Van Display Van
60	0.0	3101409	Ford E250 Econo Cargo Van Super Cargo Van
2	0.0	3101420	Ford E250 Econo Cargo Van Incomplete
2	0.0	3101421	Ford E250 Econo Cargo Van Heavy Duty Cargo Van
104	0.1	3101502	Ford E350 Econo Cargo Van Cargo Van
5	0.0	3101503	Ford E350 Econo Cargo Van Window Van
43	0.0	3101509	Ford E350 Econo Cargo Van Super Cargo Van
31	0.0	3101520	Ford E350 Econo Cargo Van Incomplete
1	0.0	3101602	Ford E200 Econo Cargo Van Cargo Van
1	0.0	3101900	Ford F150 Chassis C 4x2
8	0.0	3102000	Ford F250 Chassis C 4x2
325	0.2	3102100	Ford F350 Chassis C 4x2
1	0.0	3102126	Ford F350 Chassis C 4x2 Dual Rear Wheels
5	0.0	3102200	Ford F150 Pickup 4x4
364	0.2	3102214	Ford F150 Pickup 4x4 4-Wheel Drive
4	0.0	3102223	Ford F150 Pickup 4x4 Flareside
42	0.0	3102224	Ford F150 Pickup 4x4 Styleside
8	0.0	3102400	Ford F250 Pickup 4x4
214	0.1	3102414	Ford F250 Pickup 4x4 4-Wheel Drive
1	0.0	3102424	Ford F250 Pickup 4x4 Styleside
31	0.0	3102514	Ford F350 Chassis C 4x4 4-Wheel Drive
1	0.0	3102600	Ford F350 Pickup 4x4

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
51	0.0	3102614	Ford F350 Pickup 4x4 4-Wheel Drive
959	0.5	3102800	Ford Ranger Pickup 4x2
149	0.1	3102914	Ford Ranger Pickup 4x4 4-Wheel Drive
300	0.2	3103100	Ford Bronco II 4x4
452	0.3	3103217	Ford Aerostar Van 4x2 Window Wagon
59	0.0	3103302	Ford Aerostar Cargo Van 4x2 Cargo Van
7	0.0	3103303	Ford Aerostar Cargo Van 4x2 Window Van
4	0.0	3103320	Ford Aerostar Cargo Van 4x2 Incomplete
26	0.0	3103400	Ford Bronco II 4x2
3	0.0	3103505	Ford E250 Cutaway/Chassis Cutaway
5	0.0	3103516	Ford E250 Cutaway/Chassis Stripped Chassis
1	0.0	3103605	Ford E300 Cutaway Cutaway
160	0.1	3103705	Ford E350 Cutaway/Chassis Van Cutaway
13	0.0	3103716	Ford E350 Cutaway/Chassis Van Stripped Chassis
171	0.1	3103807	Ford E350 RV Cutaway Van RV Cutaway
158	0.1	3104012	Ford F150 Super PU 4x2 Super Pickup 4x2
5	0.0	3104023	Ford F150 Super PU 4x2 Flareside
82	0.0	3104024	Ford F150 Super PU 4x2 Styleside
64	0.0	3104112	Ford F250 Super PU 4x2 Super Pickup 4x2
2	0.0	3104124	Ford F250 Super PU 4x2 Styleside
13	0.0	3104212	Ford F350 Super PU 4x2 Super Pickup 4x2
85	0.0	3104315	Ford F350 Crew C PU 4x2 Crew Cab
3	0.0	3104326	Ford F350 Crew C PU 4x2 Dual Rear Wheels
98	0.1	3104413	Ford F150 Super PU 4x4 Super Pickup 4x4
8	0.0	3104423	Ford F150 Super PU 4x4 Flareside
70	0.0	3104424	Ford F150 Super PU 4x4 Styleside
100	0.1	3104513	Ford F250 Super PU 4x4 Super Pickup 4x4
6	0.0	3104524	Ford F250 Super PU 4x4 Styleside
37	0.0	3104615	Ford F350 Crew C PU 4x4 Crew Cab
1	0.0	3104626	Ford F350 Crew C PU 4x4 Dual Rear Wheels
411	0.2	3104718	Ford Ranger Super PU 4x2 Super Cab
180	0.1	3104818	Ford Ranger Super PU 4x4 Super Cab
3	0.0	3104914	Ford F350 Super PU 4x4 4-Wheel Drive
227	0.1	3105000	Ford F-Super Duty C C 4x2
183	0.1	3105117	Ford Aerostar Ext Van 4x2 Window Wagon
13	0.0	3105202	Ford Aerostar Ext CG Van 4x2 Cargo Van
2	0.0	3105203	Ford Aerostar Ext CG Van 4x2 Window Van
5	0.0	3105317	Ford Aerostar Van 4x4 Window Wagon
54	0.0	3105517	Ford Aerostar Ext Van 4x4 Window Van
40	0.0	3105700	Ford Explorer 2D 4x2
144	0.1	3105800	Ford Explorer 2D 4x4
73	0.0	3105900	Ford Explorer 4D 4x2
896	0.5	3106000	Ford Explorer 4D 4x4
64	0.0	3106025	Ford Explorer 4D 4x4 AWD
441	0.3	3106100	Ford Windstar Van
1	0.0	3106128	Ford Windstar Van 3.0L/LX
11	0.0	3106200	Ford Windstar Cargo Van
8	0.0	3106300	Ford F53 Motorhome Chassis
5	0.0	3106515	Ford F250 Crew C PU 4x4 Crew Cab
3	0.0	3106524	Ford F250 Crew C PU 4x4 Styleside
1	0.0	3106600	Ford F150 Super CC 4x2
3	0.0	3107315	Ford F350 Crew CC 4x2 Crew Cab

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
2	0.0	3107500	Ford Expedition 4D 4x2
114	0.1	3107600	Ford Expedition 4D 4x4
10	0.0	3107724	Ford F250 PU 4x2 LD Styleside
3	0.0	3107924	Ford F250 SUP PU 4x2 LD Styleside
1	0.0	3108124	Ford F250 PU 4x4 LD Styleside
7	0.0	3108324	Ford F250 SUP PU 4x4 LD Styleside
36	0.0	3108507	Ford E450 RV Cutaway Van RV Cutaway
2	0.0	3108605	Ford E450 RV Cutaway/Chass Van Cutaway
1	0.0	3108826	Ford F450 Chassis C 4x2 Dual Rear Wheels
2	0.0	3109226	Ford F550 Chassis C 4x2 Dual Rear Wheels
1	0.0	3109426	Ford F550 Crew CC 4x2 Dual Rear Wheels
416	0.2	3200000	Dodge Truck Unknown Series Model
1	0.0	3200101	Dodge B100 Van Sportsman
7	0.0	3200102	Dodge B100 Van Tradesman
6	0.0	3200201	Dodge B200 Van Sportsman
19	0.0	3200202	Dodge B200 Van Tradesman
3	0.0	3200301	Dodge B200 Maxivan Sportsman
4	0.0	3200302	Dodge B200 Maxivan Tradesman
1	0.0	3200401	Dodge B300 Van Sportsman
2	0.0	3200402	Dodge B300 Van Tradesman
2	0.0	3200502	Dodge B300 Maxivan Tradesman
1	0.0	3200600	Dodge AW100 Ramcharger
32	0.0	3200800	Dodge D/W 100/150 PU 1/2T
3	0.0	3200900	Dodge D200/W200 PU 3/4T
31	0.0	3201100	Dodge Ram50/D50 PU SH 4x2
1	0.0	3201103	Dodge Ram50/D50 PU SH 4x2 Sport
2	0.0	3201111	Dodge Ram50/D50 PU SH 4x2 Royal
1	0.0	3201113	Dodge Ram50/D50 PU SH 4x2 SE
8	0.0	3201203	Dodge AD150 Ramcharger 4x2 Sport
36	0.0	3201303	Dodge AW150 Ramcharger 4x4 Sport
49	0.0	3201410	Dodge B150/B1500 Van Wagon
101	0.1	3201504	Dodge Ram 1500 PU 4x2 Conventional Cab
62	0.0	3201610	Dodge B250/B2500 Van Wagon
18	0.0	3201708	Dodge B150/B1500 CG Van Incomplete
94	0.1	3201709	Dodge B150/B1500 CG Van Truck
10	0.0	3201804	Dodge Ram 2500 PU 4x2 Conventional Cab
155	0.1	3201908	Dodge B250/B2500 CG Van Incomplete
191	0.1	3201909	Dodge B250/B2500 CG Van Truck
146	0.1	3202007	Dodge B350/B3500 Van Bus
2	0.0	3202008	Dodge B350/B3500 Van Incomplete
3	0.0	3202010	Dodge B350/B3500 Van Wagon
79	0.0	3202109	Dodge B350/B3500 CG Van Truck
1	0.0	3202204	Dodge Ram 3500 PU 4x2 Conventional Cab
1	0.0	3202304	Dodge Ram 2500 CC 4x2 Conventional Cab
147	0.1	3202404	Dodge D100/D150 Pickup 4x2 Conventional Cab
22	0.0	3202604	Dodge D250 Pickup 4x2 Conventional Cab
3	0.0	3202704	Dodge D350 Chassis Cab 4x2 Conventional Cab
5	0.0	3202804	Dodge D350 Pickup 4x2 Conventional Cab
43	0.0	3202904	Dodge W100/W150 Pickup 4x4 Conventional Cab
1	0.0	3203004	Dodge W250 Chassis Cab 4x4 Conventional Cab
33	0.0	3203104	Dodge W250 Pickup 4x4 Conventional Cab
1	0.0	3203204	Dodge W350 Chassis Cab 4x4 Conventional Cab

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
1	0.0	3203304	Dodge W350 Pickup 4x4 Conventional Cab
2	0.0	3203400	Dodge Rampage Pickup
9	0.0	3203500	Dodge Ram50/D50 PU SH 4x4
2	0.0	3203511	Dodge Ram50/D50 PU SH 4x4 Royal
13	0.0	3203617	Dodge Caravan CG Van 2WD Mini Ram Van
25	0.0	3203618	Dodge Caravan CG Van 2WD Caravan C/V
6	0.0	3203620	Dodge Caravan CG Van 2WD Royal
587	0.3	3203700	Dodge Caravan Van 2WD
311	0.2	3203713	Dodge Caravan Van 2WD SE
114	0.1	3203714	Dodge Caravan Van 2WD LE
5	0.0	3203725	Dodge Caravan Van 2WD LE/ES
17	0.0	3203728	Dodge Caravan Van 2WD SE/Sport
9	0.0	3203804	Dodge Ram 3500 CC 4x2 Conventional Cab
256	0.1	3203900	Dodge Dakota Pickup 4x2
6	0.0	3203903	Dodge Dakota Pickup 4x2 Sport
1	0.0	3203926	Dodge Dakota Pickup 4x2 S
18	0.0	3203927	Dodge Dakota Pickup 4x2 Base/Sport/LE
49	0.0	3204000	Dodge Dakota Pickup 4x4
6	0.0	3204003	Dodge Dakota Pickup 4x4 Sport
1	0.0	3204027	Dodge Dakota Pickup 4x4 Base/Sport/LE
7	0.0	3204100	Dodge Ram 50 PU Long 4x2
1	0.0	3204115	Dodge Ram 50 PU Long 4x2 Custom
7	0.0	3204200	Dodge Ram 50 PU Long 4x4
2	0.0	3204305	Dodge D150 Club C PU 4x2 2-Door Club Cab
5	0.0	3204405	Dodge D250 Club C PU 4x2 2-Door Club Cab
2	0.0	3204705	Dodge D350 Club C PU 4x2 2-Door Club Cab
2	0.0	3204905	Dodge W150 Club C PU 4x4 2-Door Club Cab
4	0.0	3205005	Dodge W250 Club C PU 4x4 2-Door Club Cab
1	0.0	3205205	Dodge W350 Club C PU 4x4 2-Door Club Cab
63	0.0	3205400	Dodge Grand Caravan 2WD
325	0.2	3205413	Dodge Grand Caravan 2WD SE
169	0.1	3205414	Dodge Grand Caravan 2WD LE
82	0.0	3205424	Dodge Grand Caravan 2WD Base/SE
81	0.0	3205425	Dodge Grand Caravan 2WD LE/ES
61	0.0	3205428	Dodge Grand Caravan 2WD SE/Sport
1	0.0	3205503	Dodge Ram 50 PU Ext C 4x2 Sport
2	0.0	3205603	Dodge Ram 50 PU Ext C 4x4 Sport
9	0.0	3205718	Dodge Caravan Ext Cargo Van 2WD Caravan C/V
1	0.0	3205800	Dodge Dakota Chassis C 4x2
181	0.1	3205905	Dodge Dakota Club PU 4x2 2-Door Club Cab
4	0.0	3206021	Dodge Dakota Conv PU 4x2 Open Body
1	0.0	3206213	Dodge Caravan Van 4WD SE
2	0.0	3206214	Dodge Caravan Van 4WD LE
2	0.0	3206313	Dodge Grand Caravan 4WD SE
5	0.0	3206314	Dodge Grand Caravan 4WD LE
5	0.0	3206325	Dodge Grand Caravan 4WD LE/SE
94	0.1	3206405	Dodge Dakota Club PU 4x4 2-Door Club Cab
83	0.0	3206704	Dodge Ram 1500 PU 4x4 Conventional Cab
39	0.0	3206804	Dodge Ram 2500 PU 4x4 Conventional Cab
2	0.0	3206904	Dodge Ram 3500 PU 4x4 Conventional Cab
4	0.0	3207104	Dodge Ram 3500 CC 4x4 Conventional Cab
66	0.0	3207205	Dodge Ram 1500 Club C PU 4x2 2-Door Club Cab

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
12	0.0	3207229	Dodge Ram 1500 Club C PU 4x2 4-Door Club Cab
6	0.0	3207305	Dodge Ram 2500 Club C PU 4x2 2-Door Club Cab
4	0.0	3207329	Dodge Ram 2500 Club C PU 4x2 4-Door Club Cab
2	0.0	3207405	Dodge Ram 3500 Club C PU 4x2 2-Door Club Cab
76	0.0	3207505	Dodge Ram 1500 Club C PU 4x4 2-Door Club Cab
22	0.0	3207529	Dodge Ram 1500 Club C PU 4x4 4-Door Club Cab
44	0.0	3207605	Dodge Ram 2500 Club C PU 4x4 2-Door Club Cab
7	0.0	3207629	Dodge Ram 2500 Club C PU 4x4 4-Door Club Cab
8	0.0	3207705	Dodge Ram 3500 Club C PU 4x4 2-Door Club Cab
5	0.0	3207729	Dodge Ram 3500 Club C PU 4x4 4-Door Club Cab
78	0.0	3207800	Dodge Durango 4D 4x4
1	0.0	3207900	Dodge Durango 4D 4x2
123	0.1	3300000	Chry/Plym Truck Unknown Series Model
1	0.0	3300200	Chry/Plym Truck PB200 Voyager Van
2	0.0	3301206	Chry/Plym Truck PB250 3/4T Van MPV
2	0.0	3301407	Chry/Plym Truck PB350 1T Van Bus
408	0.2	3301700	Chry/Plym Truck Voyager Van 2WD
248	0.1	3301704	Chry/Plym Truck Voyager Van 2WD SE
93	0.1	3301705	Chry/Plym Truck Voyager Van 2WD LE
16	0.0	3301712	Chry/Plym Truck Voyager Van 2WD SE/Expresso
29	0.0	3301800	Chry/Plym Truck Grand Voyager 2WD
212	0.1	3301804	Chry/Plym Truck Grand Voyager 2WD SE
118	0.1	3301805	Chry/Plym Truck Grand Voyager 2WD LE
61	0.0	3301808	Chry/Plym Truck Grand Voyager 2WD Base/SE
28	0.0	3301812	Chry/Plym Truck Grand Voyager 2WD SE/Expresso
60	0.0	3301900	Chry/Plym Truck Town & Country LWB 2WD
11	0.0	3301909	Chry/Plym Truck Town & Country LWB 2WD LX
44	0.0	3301910	Chry/Plym Truck Town & Country LWB 2WD LXI
3	0.0	3301914	Chry/Plym Truck Town & Country LWB 2WD Limited
2	0.0	3302004	Chry/Plym Truck Voyager Van 4WD SE
1	0.0	3302005	Chry/Plym Truck Voyager Van 4WD LE
2	0.0	3302104	Chry/Plym Truck Grand Voyager 4WD SE
3	0.0	3302105	Chry/Plym Truck Grand Voyager 4WD LE
2	0.0	3302200	Chry/Plym Truck Town & Country LWB 4WD
2	0.0	3302209	Chry/Plym Truck Town & Country LWB 4WD LX
5	0.0	3302210	Chry/Plym Truck Town & Country LWB 4WD LXI
2	0.0	3302309	Chry/Plym Truck Town & Country SWB 2WD LX
5	0.0	3302311	Chry/Plym Truck Town & Country SWB 2WD SX
192	0.1	3400000	Jeep Unknown Series Model
2	0.0	3400200	Jeep Wagoneer/Grand Wagoneer 4D 4x4
27	0.0	3400206	Jeep Wagoneer/Grand Wagoneer 4D 4x4 Grand Wagoneer
1	0.0	3400300	Jeep J10 Short Pickup
5	0.0	3400400	Jeep Cherokee 2D
1	0.0	3400500	Jeep Cherokee 4D
9	0.0	3400700	Jeep DJ5/CJ5 Roadster
43	0.0	3400800	Jeep CJ-7 Roadster
4	0.0	3400900	Jeep Scrambler
11	0.0	3401000	Jeep Wagoneer 4D 4x4
12	0.0	3401008	Jeep Wagoneer 4D 4x4 Limited
3	0.0	3401207	Jeep Comanche 4x2 Long Custom
1	0.0	3401300	Jeep Comanche 4x4 Long
7	0.0	3401307	Jeep Comanche 4x4 Long Custom

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
144	0.1	3401400	Jeep Wrangler SWB
4	0.0	3401409	Jeep Wrangler SWB Laredo
7	0.0	3401410	Jeep Wrangler SWB Islander
31	0.0	3401411	Jeep Wrangler SWB Sahara
1	0.0	3401414	Jeep Wrangler SWB Renegade
53	0.0	3401415	Jeep Wrangler SWB Sport
137	0.1	3401417	Jeep Wrangler SWB S
17	0.0	3401418	Jeep Wrangler SWB Base/Sport
109	0.1	3401420	Jeep Wrangler SWB SE
21	0.0	3401500	Jeep Comanche 4x2 Short
10	0.0	3401505	Jeep Comanche 4x2 Short Pioneer
1	0.0	3401512	Jeep Comanche 4x2 Short Eliminator
8	0.0	3401600	Jeep Comanche 4x4 Short
3	0.0	3401605	Jeep Comanche 4x4 Short Pioneer
3	0.0	3401701	Jeep J10 Long Pickup J10
6	0.0	3401900	Jeep Cherokee 2D 4x2
1	0.0	3401915	Jeep Cherokee 2D 4x2 Sport
9	0.0	3401920	Jeep Cherokee 2D 4x2 SE
9	0.0	3402000	Jeep Cherokee 4D 4x2
14	0.0	3402015	Jeep Cherokee 4D 4x2 Sport
2	0.0	3402016	Jeep Cherokee 4D 4x2 Country
18	0.0	3402020	Jeep Cherokee 4D 4x2 SE
1	0.0	3402025	Jeep Cherokee 4D 4x2 Sport/Classic/Limited
61	0.0	3402100	Jeep Cherokee 2D 4x4
2	0.0	3402105	Jeep Cherokee 2D 4x4 Pioneer
1	0.0	3402108	Jeep Cherokee 2D 4x4 Limited
11	0.0	3402109	Jeep Cherokee 2D 4x4 Laredo
32	0.0	3402115	Jeep Cherokee 2D 4x4 Sport
2	0.0	3402116	Jeep Cherokee 2D 4x4 Country
32	0.0	3402120	Jeep Cherokee 2D 4x4 SE
227	0.1	3402200	Jeep Cherokee 4D 4x4
19	0.0	3402205	Jeep Cherokee 4D 4x4 Pioneer
59	0.0	3402208	Jeep Cherokee 4D 4x4 Limited
141	0.1	3402209	Jeep Cherokee 4D 4x4 Laredo
2	0.0	3402213	Jeep Cherokee 4D 4x4 Briarwood
192	0.1	3402215	Jeep Cherokee 4D 4x4 Sport
89	0.1	3402216	Jeep Cherokee 4D 4x4 Country
1	0.0	3402219	Jeep Cherokee 4D 4x4 Right Hand Drive
128	0.1	3402220	Jeep Cherokee 4D 4x4 SE
83	0.0	3402225	Jeep Cherokee 4D 4x4 Sport/Classic/Limited
8	0.0	3402227	Jeep Cherokee 4D 4x4 Sport/Classic
13	0.0	3402309	Jeep Grand Cherokee 4D 4x2 Laredo
3	0.0	3402322	Jeep Grand Cherokee 4D 4x2 Laredo/TSI
178	0.1	3402408	Jeep Grand Cherokee 4D 4x4 Limited
353	0.2	3402409	Jeep Grand Cherokee 4D 4x4 Laredo
2	0.0	3402420	Jeep Grand Cherokee 4D 4x4 SE
5	0.0	3402421	Jeep Grand Cherokee 4D 4x4 Base/Sport/Grand Wagoneer
115	0.1	3402422	Jeep Grand Cherokee 4D 4x4 Laredo/TSI
29	0.0	3402423	Jeep Grand Cherokee 4D 4x4 Limited/Orvis
4	0.0	3402424	Jeep Grand Cherokee 4D 4x4 5.9 Limited
13	0.0	3402426	Jeep Grand Cherokee 4D 4x4 Special Edition
18	0.0	3500000	International Unknown Series Model

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
131	0.1	3600000	Mercedes Benz Unknown Series Model
39	0.0	3600100	Mercedes Benz 240 D 4D
6	0.0	3600200	Mercedes Benz 300 CD 2D
70	0.0	3600300	Mercedes Benz 300 D 4D
9	0.0	3600304	Mercedes Benz 300 D 4D 2.5L
13	0.0	3600400	Mercedes Benz 300 TD SW
1	0.0	3600500	Mercedes Benz 280 CE 2D
4	0.0	3600600	Mercedes Benz 280 E 4D
12	0.0	3600701	Mercedes Benz 380 SL Conv Roadster
3	0.0	3600900	Mercedes Benz 380 SEL 4D
39	0.0	3601000	Mercedes Benz 300 SD 4D
1	0.0	3601100	Mercedes Benz 380 SEC 2D
2	0.0	3601200	Mercedes Benz 380 SE 4D
5	0.0	3601302	Mercedes Benz 190 D 4D 2.2L
4	0.0	3601304	Mercedes Benz 190 D 4D 2.5L
83	0.0	3601403	Mercedes Benz 190 E 4D 2.3L
45	0.0	3601405	Mercedes Benz 190 E 4D 2.6L
5	0.0	3601500	Mercedes Benz 500 SEL 4D
2	0.0	3601600	Mercedes Benz 500 SEC 2D
71	0.0	3601700	Mercedes Benz 300 E 4D 2WD
10	0.0	3601705	Mercedes Benz 300 E 4D 2WD 2.6L
4	0.0	3601708	Mercedes Benz 300 E 4D 2WD 2.8L
21	0.0	3601800	Mercedes Benz 420 SEL 4D
7	0.0	3601900	Mercedes Benz 560 SEL 4D
2	0.0	3602000	Mercedes Benz 560 SEC 2D
7	0.0	3602101	Mercedes Benz 560 SL Conv Roadster
16	0.0	3602300	Mercedes Benz 300 SDL 4D
21	0.0	3602400	Mercedes Benz 260 E 4D
8	0.0	3602500	Mercedes Benz 300 CE 2D
10	0.0	3602600	Mercedes Benz 300 TE SW 2WD
7	0.0	3602700	Mercedes Benz 300 SEL 4D
18	0.0	3602800	Mercedes Benz 300 SE 4D
3	0.0	3602901	Mercedes Benz 300 SL Conv Roadster
5	0.0	3603001	Mercedes Benz 500 SL Conv Roadster
4	0.0	3603200	Mercedes Benz 300 TE SW 4WD
2	0.0	3603300	Mercedes Benz 350 SDL 4D
1	0.0	3603400	Mercedes Benz 350 SD 4D
2	0.0	3603500	Mercedes Benz 400 E 4D
4	0.0	3603700	Mercedes Benz 400 SE 4D
5	0.0	3604000	Mercedes Benz 400 SEL 4D
33	0.0	3604209	Mercedes Benz C Class 4D 2WD 220
39	0.0	3604210	Mercedes Benz C Class 4D 2WD 280
34	0.0	3604218	Mercedes Benz C Class 4D 2WD 230
44	0.0	3604311	Mercedes Benz E Class 4D 2WD 320
16	0.0	3604312	Mercedes Benz E Class 4D 2WD 420
16	0.0	3604316	Mercedes Benz E Class 4D 2WD 300D
2	0.0	3604320	Mercedes Benz E Class 4D 2WD 300DT
3	0.0	3604321	Mercedes Benz E Class 4D 2WD 430
1	0.0	3604411	Mercedes Benz E Class 2D 2WD 320
2	0.0	3604511	Mercedes Benz E Class Conv 2WD 320
4	0.0	3604611	Mercedes Benz E Class SW 2WD 320
9	0.0	3604711	Mercedes Benz S Class LWB 4D 2WD 320

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
8	0.0	3604712	Mercedes Benz S Class LWB 4D 2WD 420
4	0.0	3604713	Mercedes Benz S Class LWB 4D 2WD 500
2	0.0	3604714	Mercedes Benz S Class LWB 4D 2WD 600
12	0.0	3604811	Mercedes Benz S Class SWB 4D 2WD 320
1	0.0	3604815	Mercedes Benz S Class SWB 4D 2WD 350TD
7	0.0	3605011	Mercedes Benz SL Class Conv 320
7	0.0	3605013	Mercedes Benz SL Class Conv 500
3	0.0	3605118	Mercedes Benz SLK Class Conv 230
1	0.0	3605211	Mercedes Benz E Class 4D 4WD 320
1	0.0	3605311	Mercedes Benz E Class SW 4WD 320
2	0.0	3605411	Mercedes Benz CLK Class 2D 320
12	0.0	3605619	Mercedes Benz M Class 4D 4x4 ML320
1	0.0	3690100	Mercedes Benz 450 SE 4D
2	0.0	3690200	Mercedes Benz 450 SEL 4D
4	0.0	3690301	Mercedes Benz 450 SL 2D Roadster
3	0.0	3690400	Mercedes Benz 450 SLC 2D
3	0.0	3690500	Mercedes Benz 280 SE 4D
2	0.0	3690900	Mercedes Benz 280 C 2D
1	0.0	3691000	Mercedes Benz 280 S 4D
1	0.0	3691100	Mercedes Benz 280 SEL 4D
1	0.0	3691200	Mercedes Benz 280 4D
1	0.0	3691300	Mercedes Benz 230 4D
3	0.0	3691400	Mercedes Benz 220/220D 4D
1	0.0	3691500	Mercedes Benz 250 4D
1	0.0	3691701	Mercedes Benz 350 SL 2D Roadster
125	0.1	3700000	BMW Unknown Series Model
55	0.0	3700100	BMW 320 I 2D
27	0.0	3700200	BMW 528 I 4D
2	0.0	3700300	BMW 633 CSI 2D
7	0.0	3700400	BMW 733 I 4D
47	0.0	3700500	BMW 528 E 4D
4	0.0	3700600	BMW 533 I 4D
65	0.0	3700700	BMW 318 I/318 IS 2D
46	0.0	3700800	BMW 325/325 E/325 ES 2D
31	0.0	3700900	BMW 535 I/535 IS 4D
3	0.0	3701000	BMW 635 CSI/L6 2D
19	0.0	3701100	BMW 735 I 4D
54	0.0	3701200	BMW 318 I 4D
38	0.0	3701300	BMW 325/325 E 4D
1	0.0	3701500	BMW L7 4D
88	0.1	3701600	BMW 325 I 4D
57	0.0	3701700	BMW 325 I/IS/CI 2D
42	0.0	3701800	BMW 325 I/IC/CI Conv
11	0.0	3702000	BMW M3/M3 CI 2D
1	0.0	3702100	BMW M5 4D
7	0.0	3702200	BMW 750 IL 4D
2	0.0	3702400	BMW 325 IX 4D 4WD
6	0.0	3702500	BMW 735 IL 4D
57	0.0	3702600	BMW 525 I 4D
11	0.0	3702700	BMW 318 I/IC Conv
5	0.0	3702800	BMW 850 I/CI/CSI 2D
4	0.0	3702900	BMW 525 IT SW

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
10	0.0	3703000	BMW 740 I 4D
14	0.0	3703100	BMW 740 IL 4D
7	0.0	3703200	BMW 530 I 4D
1	0.0	3703300	BMW 530 IT SW
7	0.0	3703400	BMW 540 I 4D
22	0.0	3703500	BMW 318 TI 3D
1	0.0	3703600	BMW 840 CI 2D
9	0.0	3703700	BMW 328 IS/CI 2D
19	0.0	3703800	BMW 328 I 4D
9	0.0	3703900	BMW 328 IC Conv
9	0.0	3704000	BMW Z3 Roadster 1.9 Conv
4	0.0	3704100	BMW M3 4D
4	0.0	3704200	BMW Z3 Roadster 2.8 Conv
1	0.0	3704300	BMW 323 IS/CI 2D
2	0.0	3704400	BMW 323 IC/CI Conv
4	0.0	3790100	BMW 530 I 4D
1	0.0	3790200	BMW 630 CSI 2D
1	0.0	3790300	BMW 3.0 SI 4D
2	0.0	3790400	BMW 2002 2D
2	0.0	3790500	BMW 2002 TII 2D
1	0.0	3790800	BMW 3.0 CS 2D
1	0.0	3791100	BMW 1600 2D
65	0.0	3800000	Renault/Eagle Unknown Series Model
1	0.0	3800100	Renault/Eagle Le Car 2D
3	0.0	3800600	Renault/Eagle Alliance 2D
3	0.0	3800602	Renault/Eagle Alliance 2D L
2	0.0	3800700	Renault/Eagle Alliance 4D
2	0.0	3800702	Renault/Eagle Alliance 4D L
2	0.0	3800703	Renault/Eagle Alliance 4D DL
2	0.0	3800805	Renault/Eagle Encore 2D S
1	0.0	3800905	Renault/Eagle Encore 4D S
1	0.0	3801102	Renault/Eagle Alliance Conv L
1	0.0	3801103	Renault/Eagle Alliance Conv DL
3	0.0	3801403	Renault/Eagle Medallion 4D DL
3	0.0	3801409	Renault/Eagle Medallion 4D LX
1	0.0	3801503	Renault/Eagle Medallion SW DL
25	0.0	3801609	Renault/Eagle Premier 4D LX
34	0.0	3801610	Renault/Eagle Premier 4D ES
12	0.0	3801700	Renault/Eagle Summit 4D
21	0.0	3801703	Renault/Eagle Summit 4D DL
9	0.0	3801709	Renault/Eagle Summit 4D LX
3	0.0	3801710	Renault/Eagle Summit 4D ES
4	0.0	3801712	Renault/Eagle Summit 4D Base/DL
1	0.0	3801715	Renault/Eagle Summit 4D ESI
2	0.0	3801718	Renault/Eagle Summit 4D ES/ESI
61	0.0	3801800	Renault/Eagle Talon 2D 2WD
44	0.0	3801803	Renault/Eagle Talon 2D 2WD DL
22	0.0	3801810	Renault/Eagle Talon 2D 2WD ES
48	0.0	3801815	Renault/Eagle Talon 2D 2WD ESI
12	0.0	3801816	Renault/Eagle Talon 2D 2WD TSI Turbo
35	0.0	3801917	Renault/Eagle Talon 2D 4WD TSI Turbo AWD
6	0.0	3802000	Renault/Eagle Summit 2D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
17	0.0	3802003	Renault/Eagle Summit 2D DL
16	0.0	3802010	Renault/Eagle Summit 2D ES
8	0.0	3802015	Renault/Eagle Summit 2D ESI
7	0.0	3802103	Renault/Eagle Summit SW 2WD DL
7	0.0	3802109	Renault/Eagle Summit SW 2WD LX
2	0.0	3802213	Renault/Eagle Summit SW 4WD AWD
18	0.0	3802311	Renault/Eagle Vision 4D TSI
31	0.0	3802315	Renault/Eagle Vision 4D ESI
44	0.0	3900000	Saab Unknown Series Model
8	0.0	3900100	Saab 900 2D
32	0.0	3900101	Saab 900 2D S
35	0.0	3900102	Saab 900 2D Turbo
9	0.0	3900104	Saab 900 2D Base/S
2	0.0	3900111	Saab 900 2D S/SE
1	0.0	3900117	Saab 900 2D SE Turbo
1	0.0	3900118	Saab 900 2D S Turbo
18	0.0	3900200	Saab 900 4D
31	0.0	3900201	Saab 900 4D S
4	0.0	3900202	Saab 900 4D Turbo
10	0.0	3900204	Saab 900 4D Base/S
11	0.0	3900211	Saab 900 4D S/SE
4	0.0	3900212	Saab 900 4D SE
1	0.0	3900217	Saab 900 4D SE Turbo
8	0.0	3900301	Saab 9000 4D S
13	0.0	3900302	Saab 9000 4D Turbo
4	0.0	3900304	Saab 9000 4D Base/S
6	0.0	3900305	Saab 9000 4D CD Turbo
7	0.0	3900307	Saab 9000 4D CS/CSE
1	0.0	3900308	Saab 9000 4D CD Turbo/CDE Turbo
2	0.0	3900309	Saab 9000 4D CS Turbo/CSE Turbo
1	0.0	3900310	Saab 9000 4D CS Turbo/CSE Turbo/Aero
1	0.0	3900313	Saab 9000 4D CS
2	0.0	3900315	Saab 9000 4D CSE
1	0.0	3900316	Saab 9000 4D Aero
9	0.0	3900401	Saab 900 Conv S
10	0.0	3900402	Saab 900 Conv Turbo
5	0.0	3900412	Saab 900 Conv SE
2	0.0	3900417	Saab 900 Conv SE Turbo
2	0.0	3900501	Saab 9-3 4D S
2	0.0	3900512	Saab 9-3 4D SE
1	0.0	3900601	Saab 9-3 2D S
1	0.0	3900800	Saab 9-5 4D
2	0.0	3990100	Saab 900 2D/4D
1	0.0	3990200	Saab 99 2D/4D
13	0.0	4000200	Peugeot 505 4D
3	0.0	4000400	Peugeot 505 SW
3	0.0	4000500	Peugeot 405 4D
1	0.0	4100000	Triumph Unknown Series Model
5	0.0	4400000	Jaguar Unknown Series Model
66	0.0	4400100	Jaguar XJ6 4D
19	0.0	4400101	Jaguar XJ6 4D VDP
13	0.0	4400104	Jaguar XJ6 4D Sovereign

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
5	0.0	4400200	Jaguar XJ-S 2D
1	0.0	4400203	Jaguar XJ-S 2D Collection Rouge
1	0.0	4400300	Jaguar XJ-SC 2D
7	0.0	4400400	Jaguar XJ-S Conv
1	0.0	4400800	Jaguar XJR 4D
4	0.0	4400900	Jaguar VDP 4D
1	0.0	4401200	Jaguar XK8 2D
1	0.0	4401300	Jaguar XK8 Conv
1	0.0	4500100	Alfa Romeo Spider Conv
2	0.0	4500102	Alfa Romeo Spider Conv Veloce
1	0.0	4500103	Alfa Romeo Spider Conv Graduate
1	0.0	4500200	Alfa Romeo GTV6 2D
1	0.0	4500307	Alfa Romeo Milano 4D Gold
2	0.0	4500410	Alfa Romeo 164 4D L
1	0.0	4600000	Rolls Royce Unknown Series Model
183	0.1	5100000	Mitsubishi Unknown Series Model
10	0.0	5100104	Mitsubishi Starion 2D High/Premium (L/LS)
5	0.0	5100204	Mitsubishi Cordia 2D High/Premium (L/LS)
3	0.0	5100304	Mitsubishi Tredia 4D High/Premium (L/LS)
26	0.0	5100401	Mitsubishi Pickup STD 4x2 Mighty Max (Economy)
6	0.0	5100402	Mitsubishi Pickup STD 4x2 Low (S)
1	0.0	5100405	Mitsubishi Pickup STD 4x2 Premium (SPX)
1	0.0	5100409	Mitsubishi Pickup STD 4x2 Mighty Max Sport
1	0.0	5100501	Mitsubishi Pickup STD 4x4 Mighty Max (Economy)
2	0.0	5100502	Mitsubishi Pickup STD 4x4 Low (S)
8	0.0	5100606	Mitsubishi Montero 2D 4x4 High (SP)
5	0.0	5100608	Mitsubishi Montero 2D 4x4 Sport
41	0.0	5100700	Mitsubishi Galant 4D 2WD
38	0.0	5100704	Mitsubishi Galant 4D 2WD High/Premium (L/LS)
28	0.0	5100712	Mitsubishi Galant 4D 2WD LS/GS
21	0.0	5100721	Mitsubishi Galant 4D 2WD LS/GS/GSR
107	0.1	5100731	Mitsubishi Galant 4D 2WD S
139	0.1	5100733	Mitsubishi Galant 4D 2WD ES/LS
53	0.0	5100734	Mitsubishi Galant 4D 2WD GS/ES/LS
2	0.0	5100737	Mitsubishi Galant 4D 2WD DE
3	0.0	5100739	Mitsubishi Galant 4D 2WD ES/GTZ
24	0.0	5100800	Mitsubishi Mirage 2D
1	0.0	5100802	Mitsubishi Mirage 2D Low (S)
3	0.0	5100803	Mitsubishi Mirage 2D Medium
2	0.0	5100804	Mitsubishi Mirage 2D High/Premium (L/LS)
2	0.0	5100807	Mitsubishi Mirage 2D Special
39	0.0	5100813	Mitsubishi Mirage 2D LS
2	0.0	5100817	Mitsubishi Mirage 2D VL
65	0.0	5100831	Mitsubishi Mirage 2D S
40	0.0	5100832	Mitsubishi Mirage 2D ES
30	0.0	5100837	Mitsubishi Mirage 2D DE
44	0.0	5100900	Mitsubishi Mirage 4D
22	0.0	5100904	Mitsubishi Mirage 4D High/Premium (L/LS)
19	0.0	5100913	Mitsubishi Mirage 4D LS
8	0.0	5100914	Mitsubishi Mirage 4D RS
62	0.0	5100931	Mitsubishi Mirage 4D S
4	0.0	5100932	Mitsubishi Mirage 4D ES

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
44	0.0	5100937	Mitsubishi Mirage 4D DE
1	0.0	5101009	Mitsubishi PU Long 4x2 Mighty Max Sport
3	0.0	5101200	Mitsubishi Cargo Van
4	0.0	5101300	Mitsubishi Van
3	0.0	5101413	Mitsubishi Montero Sport 4D 4x2 LS
1	0.0	5101438	Mitsubishi Montero Sport 4D 4x2 XLS
24	0.0	5101513	Mitsubishi Montero Sport 4D 4x4 LS
3	0.0	5101538	Mitsubishi Montero Sport 4D 4x4 XLS
1	0.0	5101540	Mitsubishi Montero Sport 4D 4x4 LS/XLS
1	0.0	5101710	Mitsubishi PU Ext Cab 4x4 Macro Cab
10	0.0	5101804	Mitsubishi Sigma 4D High/Premium (L/LS)
10	0.0	5101900	Mitsubishi Precis 2D
3	0.0	5101913	Mitsubishi Precis 2D LS
3	0.0	5101914	Mitsubishi Precis 2D RS
1	0.0	5102100	Mitsubishi Montero 4D 4x4
9	0.0	5102106	Mitsubishi Montero 4D 4x4 High (SP)
1	0.0	5102108	Mitsubishi Montero 4D 4x4 Sport
22	0.0	5102113	Mitsubishi Montero 4D 4x4 LS
1	0.0	5102119	Mitsubishi Montero 4D 4x4 RS/LS
1	0.0	5102127	Mitsubishi Montero 4D 4x4 Base/RS
15	0.0	5102130	Mitsubishi Montero 4D 4x4 SR
73	0.0	5102200	Mitsubishi Eclipse 2D 2WD
96	0.1	5102214	Mitsubishi Eclipse 2D 2WD RS
174	0.1	5102215	Mitsubishi Eclipse 2D 2WD GS
25	0.0	5102223	Mitsubishi Eclipse 2D 2WD GS Turbo
19	0.0	5102324	Mitsubishi Eclipse 2D 4WD GSX Turbo
1	0.0	5102401	Mitsubishi PU 1T Long 4x2 Mighty Max (Economy)
5	0.0	5102522	Mitsubishi Galant 4D 4WD GSX/VR-4
23	0.0	5102600	Mitsubishi 3000 GT 2WD
16	0.0	5102626	Mitsubishi 3000 GT 2WD SL
4	0.0	5102725	Mitsubishi 3000 GT 4WD VR-4
19	0.0	5102800	Mitsubishi Diamante 4D
27	0.0	5102813	Mitsubishi Diamante 4D LS
46	0.0	5102832	Mitsubishi Diamante 4D ES
13	0.0	5102900	Mitsubishi Expo SW 2WD
6	0.0	5102929	Mitsubishi Expo SW 2WD SP
1	0.0	5103029	Mitsubishi Expo SW 4WD SP
3	0.0	5103100	Mitsubishi Expo LRV SW 2WD
1	0.0	5103108	Mitsubishi Expo LRV SW 2WD Sport
11	0.0	5103300	Mitsubishi Diamante SW
1	0.0	5103426	Mitsubishi 3000GT Spyder Conv 2WD SL
12	0.0	5103635	Mitsubishi Eclipse Conv 2WD Spyder GS
9	0.0	5103636	Mitsubishi Eclipse Conv 2WD Spyder GS-T
1	0.0	5300101	Yugo Yugo 2D GV
2	0.0	5300102	Yugo Yugo 2D GVS
1	0.0	5300104	Yugo Yugo 2D GVX
167	0.1	5400000	Hyundai Unknown Series Model
51	0.0	5400100	Hyundai Excel 4D
111	0.1	5400101	Hyundai Excel 4D GL
40	0.0	5400102	Hyundai Excel 4D GLS
114	0.1	5400200	Hyundai Excel 2D
31	0.0	5400201	Hyundai Excel 2D GL

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
2	0.0	5400202	Hyundai Excel 2D GLS
47	0.0	5400204	Hyundai Excel 2D GS
69	0.0	5400206	Hyundai Excel 2D L
150	0.1	5400301	Hyundai Sonata 4D GL
53	0.0	5400302	Hyundai Sonata 4D GLS
44	0.0	5400310	Hyundai Sonata 4D Base/GL
21	0.0	5400400	Hyundai Scoupe 2D
48	0.0	5400401	Hyundai Scoupe 2D GL
17	0.0	5400403	Hyundai Scoupe 2D LS
18	0.0	5400405	Hyundai Scoupe 2D LS/Turbo
79	0.0	5400500	Hyundai Elantra 4D
234	0.1	5400501	Hyundai Elantra 4D GL
117	0.1	5400502	Hyundai Elantra 4D GLS
5	0.0	5400606	Hyundai Accent 2D L
10	0.0	5400607	Hyundai Accent 2D GT
128	0.1	5400608	Hyundai Accent 2D Base/L
53	0.0	5400609	Hyundai Accent 2D GS/GT
12	0.0	5400612	Hyundai Accent 2D GS/GSI
177	0.1	5400700	Hyundai Accent 4D
25	0.0	5400701	Hyundai Accent 4D GL
13	0.0	5400800	Hyundai Elantra SW
21	0.0	5400801	Hyundai Elantra SW GL
6	0.0	5400802	Hyundai Elantra SW GLS
27	0.0	5400900	Hyundai Tiburon 2D
13	0.0	5400911	Hyundai Tiburon 2D FX
54	0.0	5500000	Suzuki Unknown Series Model
29	0.0	5500301	Suzuki Samurai 4x4 Convertible
6	0.0	5500402	Suzuki Samurai Van 4x4 Hardtop
1	0.0	5500500	Suzuki Forsa 2D
8	0.0	5500700	Suzuki Swift 2D
1	0.0	5500703	Suzuki Swift 2D GA
1	0.0	5500800	Suzuki Swift 4D
1	0.0	5501201	Suzuki Sidekick 2D 4x2 Convertible
14	0.0	5501301	Suzuki Sidekick 2D 4x4 Convertible
2	0.0	5501302	Suzuki Sidekick 2D 4x4 Hardtop
30	0.0	5501402	Suzuki Sidekick 4D 4x4 Hardtop
21	0.0	5501405	Suzuki Sidekick 4D 4x4 Sport
5	0.0	5501502	Suzuki Sidekick 4D 4x2 Hardtop
1	0.0	5501505	Suzuki Sidekick 4D 4x2 Sport
15	0.0	5501600	Suzuki Esteem 4D
1	0.0	5501706	Suzuki X-90 2D 2WD T-Bar Top
4	0.0	5501900	Suzuki Esteem SW
1	0.0	5502502	Suzuki Grand Vitara 4D 4x4 Hardtop
134	0.1	5700000	Acura Unknown Series Model
46	0.0	5700100	Acura Legend 4D
129	0.1	5700102	Acura Legend 4D LS
30	0.0	5700103	Acura Legend 4D Sunroof
16	0.0	5700104	Acura Legend 4D Sunroof + Option
214	0.1	5700106	Acura Legend 4D L
9	0.0	5700107	Acura Legend 4D GS
5	0.0	5700111	Acura Legend 4D SE
108	0.1	5700201	Acura Integra 2D RS

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998	Prcnt	Code	Value and Description
316	0.2	5700202	Acura Integra 2D LS
27	0.0	5700205	Acura Integra 2D LS Special
80	0.0	5700207	Acura Integra 2D GS
47	0.0	5700209	Acura Integra 2D GS-R
4	0.0	5700213	Acura Integra 2D Type-R
22	0.0	5700301	Acura Integra 4D RS
87	0.0	5700302	Acura Integra 4D LS
5	0.0	5700305	Acura Integra 4D LS Special
18	0.0	5700307	Acura Integra 4D GS
9	0.0	5700309	Acura Integra 4D GS-R
5	0.0	5700400	Acura Legend 2D
37	0.0	5700402	Acura Legend 2D LS
14	0.0	5700403	Acura Legend 2D Sunroof
12	0.0	5700404	Acura Legend 2D Sunroof + Option
86	0.0	5700406	Acura Legend 2D L
1	0.0	5700510	Acura NSX 2D NSX-T
17	0.0	5700602	Acura Vigor 4D LS
59	0.0	5700607	Acura Vigor 4D GS
5	0.0	5700700	Acura 2.5 TL 4D
20	0.0	5700712	Acura 2.5 TL 4D Premium
13	0.0	5700800	Acura 3.2 TL 4D
6	0.0	5700812	Acura 3.2 TL 4D Premium
2	0.0	5700815	Acura 3.2 TL 4D Navi
1	0.0	5700900	Acura SLX 4D 4x4
11	0.0	5701000	Acura 3.5 RL 4D
7	0.0	5701012	Acura 3.5 RL 4D Premium
5	0.0	5701100	Acura 2.2 CL 2D
18	0.0	5701112	Acura 2.2 CL 2D Premium
2	0.0	5701200	Acura 3.0 CL 2D
17	0.0	5701212	Acura 3.0 CL 2D Premium
5	0.0	5701412	Acura 2.3 CL 2D Premium
12	0.0	5900000	Sterling Unknown Series Model
3	0.0	5900101	Sterling 825/827 4D S
10	0.0	5900102	Sterling 825/827 4D SL
1	0.0	5900103	Sterling 825/827 4D SLI
9	0.0	6000000	Land Rover Unknown Series Model
16	0.0	6000100	Land Rover Range Rover
1	0.0	6000400	Land Rover Defender 90 2D
37	0.0	6000500	Land Rover Discovery 4D
5	0.0	6000601	Land Rover Range Rover 4.0 4D SE
1	0.0	6000702	Land Rover Range Rover 4.6 4D HSE
1	0.0	6100000	Daihatsu Unknown Series Model
1	0.0	6100101	Daihatsu Charade 2D CLS
1	0.0	6100105	Daihatsu Charade 2D SE
1	0.0	6100106	Daihatsu Charade 2D SX
4	0.0	6100205	Daihatsu Charade 4D SE
1	0.0	6100206	Daihatsu Charade 4D SX
2	0.0	6100306	Daihatsu Rocky Hard Top SX
77	0.0	6500000	Lexus Unknown Series Model
97	0.1	6500100	Lexus LS 400 4D
21	0.0	6500200	Lexus ES 250 4D
22	0.0	6500300	Lexus SC 400 2D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1998 Prcnt	Code	Value and Description
11	0.0	6500400 Lexus SC 300 2D
165	0.1	6500500 Lexus ES 300 4D
26	0.0	6500600 Lexus GS 300 4D
7	0.0	6500700 Lexus LX 450 4D 4x4
3	0.0	6500800 Lexus GS 400 4D
4	0.0	6500900 Lexus LX 470 4D 4x4
4	0.0	6501100 Lexus RX 300 4D 4WD
51	0.0	6600000 Infiniti Unknown Series Model
36	0.0	6600100 Infiniti M30 2D
73	0.0	6600200 Infiniti Q45 4D
69	0.0	6600400 Infiniti G20 4D
58	0.0	6600500 Infiniti J30 4D
20	0.0	6600600 Infiniti I30 4D
4	0.0	6600700 Infiniti QX4 4D 4x4
75	0.0	6700000 Saturn Unknown Series Model
31	0.0	6700100 Saturn SC 2D
92	0.1	6700104 Saturn SC 2D SC1
145	0.1	6700105 Saturn SC 2D SC2
75	0.0	6700200 Saturn SL 4D
423	0.2	6700201 Saturn SL 4D SL1
509	0.3	6700202 Saturn SL 4D SL2
23	0.0	6700306 Saturn SW SW1
56	0.0	6700307 Saturn SW SW2
21	0.0	6800000 KIA Unknown Series Model
180	0.1	6800100 KIA Sephia 4D
85	0.0	6800200 KIA Sportage 4D 4x4
4	0.0	6800300 KIA Sportage 4D 4x2
1	0.0	6800500 KIA Sportage 2D 4x2
1	0.0	6900203 AM General Hummer H1 4D Wagon
4	0.0	7400000 Scion Unknown Series Model

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

VINDICATOR Variable - BodyStyleNumber

1998 Prcnt	Code	Value and Description
80690	46.2	0 No data
21	0.0	2 4-6 passenger
13	0.0	8 Sedan
2	0.0	9 Sedan 2-3 passenger
12	0.0	10 Sedan 4-6 passenger
148	0.1	20 2 door
479	0.3	21 2 door 2-3 passenger
10267	5.9	22 2 door 4-6 passenger
1	0.0	24 2 door wagon
181	0.1	28 2 door sedan
7	0.0	29 2 door sedan 2-3 passenger
3600	2.1	30 2 door sedan 4-6 passenger

Variable 162:VINDICATOR - BODY (Continued)

1998 Prcnt	Code	Value and Description
104	0.1	32 2 door hardtop
3	0.0	33 2 door hardtop 2-3 passenger
1426	0.8	34 2 door hardtop 4-6 passenger
4	0.0	36 2 door convertible
372	0.2	37 2 door convertible 2-3 passenger
950	0.5	38 2 door convertible 4-6 passenger
128	0.1	40 3 door
224	0.1	41 3 door 2-3 passenger
9335	5.3	42 3 door 4-6 passenger
26	0.0	46 3 door wagon 4-6 passenger
7	0.0	48 3 door sedan
5	0.0	49 3 door sedan 2-3 passenger
99	0.1	50 3 door sedan 4-6 passenger
2	0.0	60 4+ door
2398	1.4	62 4+ door 4-6 passenger
42	0.0	64 4+ door wagon
4648	2.7	66 4+ door wagon 4-6 passenger
5994	3.4	67 4+ door wagon 7+ passenger
481	0.3	68 4+ door sedan
51877	29.7	70 4+ door sedan 4-6 passenger
27	0.0	72 4+ door hardtop
1134	0.6	74 4+ door hardtop 4-6 passenger

Variable 163	VINDICATOR - VEHTP	Width: 1	Type: Numeric
		Dec: None	Miss: 9

VINDICATOR Variable - VehicleType

1998 Prcnt	Code	Value and Description
86258	49.4	0 Passenger cars or no data
3837	2.2	1 Vans (All cargo & large passenger vans)
12428	7.1	2 Pickups and chassis cabs
9335	5.3	3 Utility vehicles
5924	3.4	4 Passenger vans
56925	32.6	9 Vehicle type data missing

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

VINDICATOR Variable - VehicleSizeID

1998 Prcnt	Code	Value and Description
56925	32.6	0 Unknown
17756	10.2	1 Mini
41217	23.6	2 Small
27919	16.0	3 Midsize

Variable 164:VINDICATOR - SIZE (Continued)

1998 Prcnt	Code	Value and Description
23061 13.2	4	Large
7829 4.5	5	Very large

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

VINDICATOR Variable - VehicleClassID

1998 Prcnt	Code	Value and Description
56925 32.6	0	Missing data
21140 12.1	1	2 door
50464 28.9	2	4 door
6169 3.5	3	Luxury
4007 2.3	4	Sports
5924 3.4	5	Passenger van
12428 7.1	6	Pickup
9226 5.3	8	Utility
3837 2.2	9	Large / cargo van
0 0.0	10	Unknown
4478 2.6	11	Station wagon
0 0.0	12	Specialty car
0 0.0	13	Specialty truck
109 0.1	14	Luxury utility

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

VINDICATOR Variable - CurbWeight

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

1998 Prcnt	Code	Value and Description
53366 30.5	0	Weight data is missing
1 0.0	1488	- Weight in pounds
1 0.0	6540	

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

VINDICATOR Variable - Wheelbase

The wheelbase expressed to the nearest tenth of an inch

1998	Prcnt	Code	Value and Description
52782	30.2	0.0	Wheelbase data is missing
35	0.0	79.9	- Wheelbase to nearest tenth of an inch
8	0.0	178.0	

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

VINDICATOR Variable - Length

The length expressed to the nearest tenth of an inch

1998	Prcnt	Code	Value and Description
57772	33.1	0.0	Length data is missing
296	0.2	0.1	
2	0.0	134.8	- Length to nearest tenth of an inch
6	0.0	255.8	

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

VINDICATOR Variable - Width

The width expressed to the nearest tenth of an inch

1998	Prcnt	Code	Value and Description
58237	33.3	0.0	Width data is missing
12	0.0	59.0	- Width to nearest tenth of an inch
1	0.0	94.3	

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

VINDICATOR Variable - Height

The height expressed to the nearest tenth of an inch

1998	Prcnt	Code	Value and Description
112854	64.6	0.0	Height data is missing
1	0.0	43.5	- Height to nearest tenth of an inch
10	0.0	85.4	

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

VINDICATOR Variable - RestraintCode

1998	Prcnt	Code	Value and Description
56372	32.3	0	No data
42063	24.1	1	Manual belt
17945	10.3	2	Automatic belt
20322	11.6	3	Air bag (driver only)
37253	21.3	4	Air bags (driver + passenger)
752	0.4	5	Air bags (driver + passenger + side)

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

1998	Prcnt	Code	Value and Description
58288	33.4	0	Minimum horsepower data missing
1	0.0	43	- Minimum horsepower
1	0.0	450	

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

VINDICATOR Variable - MaximumHorsepower

1998	Prcnt	Code	Value and Description
58288	33.4	0	Maximum horsepower data missing
11	0.0	45	
		-	Maximum horsepower
4	0.0	450	

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

VINDICATOR Variable - ABSCode

1998	Prcnt	Code	Value and Description
52717	30.2	0	Unknown
54393	31.1	1	Not available
25056	14.3	2	OPT on all wheels
433	0.2	3	OPT on rear wheels
23457	13.4	4	STD on all wheels
9047	5.2	5	STD on rear wheels
9	0.0	10	STD on Designer series with V8 engines
2	0.0	11	STD on LSC & Designer series with V8 engines
13	0.0	12	STD on late production models only
3	0.0	13	STD rear wheel ABS on TSi
5	0.0	14	STD rear wheel ABS on ESi-R
50	0.0	15	OPT on Turbo & GXL
13	0.0	16	STD in 2nd half of model year
38	0.0	17	OPT in 2nd half of model year
2	0.0	18	STD on STX, Turbo, Turbo S; OPT on Sti V6
10	0.0	20	OPT on Base; STD on STS
322	0.2	21	OPT on LE V6
42	0.0	22	OPT on GT/Turbo; STD on 4WS
4	0.0	23	STD on STX, Turbo, Turbo S
50	0.0	24	OPT on Gli & CARAT
87	0.0	25	STD on SC; OPT on SE
59	0.0	26	OPT on GT-S & All-Trac Turbo
32	0.0	27	OPT on GT
2	0.0	28	OPT on S & Mi16
278	0.2	30	OPT on SE; NA other models
583	0.3	31	OPT on GXE
138	0.1	32	OPT on LX & Turbo
8	0.0	33	OPT on Base 929; STD on 929S
1	0.0	34	STD on Mi16; OPT on S
139	0.1	35	OPT on GS
1	0.0	36	OPT on S; STD on Si, SL, Sli
19	0.0	37	OPT on SE & LE
10	0.0	38	STD on S
3	0.0	39	OPT on Base; STD on SE
11	0.0	41	OPT on ES Base, LX; STD on ES Limited

Variable 175:VINDICATOR - ABS (Continued)

1998	Prcnt	Code	Value and Description
16	0.0	43	OPT on GS; STD on GSR
5	0.0	44	OPT on GSX; STD on VR4
2	0.0	45	STD on all models but Hunter
7	0.0	47	STD on VR6; OPT on other models
55	0.0	48	OPT on GXE & SE
102	0.1	49	STD on Cobra; OPT on other models
853	0.5	50	OPT on LX; not available on other models
39	0.0	51	OPT with manual transmission only
143	0.1	52	Not available on Base; OPT on other models
5	0.0	53	OPT on GSR
1	0.0	54	STD on LS; OPT on RS
17	0.0	55	OPT on GLS V6
1	0.0	56	STD on County; Not available on Base
20	0.0	57	STD Rear on S & LS; OPT 4 Wheel ABS on LS
2414	1.4	58	STD rear; 4 wheel OPT on all or some models
107	0.1	59	OPT with V6 engine only
352	0.2	60	STD rear wheel ABS with 4 cyl; STD 4 wheel ABS with 6 cyl engine
107	0.1	61	STD on ES; OPT on other models
142	0.1	62	STD on GXE; OPT on other models
68	0.0	63	STD rear, 4 wheel OPT on some models and STD on others
19	0.0	64	STD on GLX Plus model; not available on other models
318	0.2	65	OPT on all models, except not available on GXE with manual transmission
12	0.0	66	STD on Outback model; OPT on L model
2	0.0	67	OPT on L model; not available on Outback model
126	0.1	68	Not available on L model; OPT on others
687	0.4	69	OPT on GXE & GLE models; not available on other models
31	0.0	70	STD rear ABS; 4 wheel ABSOPT/STD (after 1995 model year) on B4000
278	0.2	71	STD on XLE model; OPT on other models
44	0.0	72	STD on XLS model; OPT on other models
314	0.2	73	STD on Ariat model; rear wheel STD, 4 wheel OPT on other models
116	0.1	74	STD on vehicles with RV trim package; RW STD 4 wheel ABS OPT on other models
38	0.0	75	OPT on GS model, STD on other models
506	0.3	76	OPT on CE model with 4 cylinder engine; STD on all other models
8	0.0	77	OPT on JX model and STD on JLX model
251	0.1	78	OPT on Base model; STD on other models
257	0.1	79	STD rear ABS; 4 wheel ABS OPT on all models excluding the XL model
14	0.0	81	4 wheel ABS STD on EX model; all other models have rear wheel ABS only
28	0.0	82	STD on LS model; OPT on ES model
51	0.0	83	Option on LS model; not available on Base model
101	0.1	84	STD with V6 engine; OPT with 4 cylinder engine
9	0.0	85	STD with V6 engine; not available with 4 cylinder engine
1	0.0	86	Not available on Soft Top models
2	0.0	87	4 wheel ABS STD on XLT model; all other models have STD rear wheel and OPT 4 wheel ABS

Variable 175:VINDICATOR - ABS (Continued)

1998 Prcnt	Code	Value and Description
1 0.0	90	STD on "Plus" models; not available on other models

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

VINDICATOR Variable - TransmissionNumber

1998 Prcnt	Code	Value and Description
162138 92.8	0	Transmission data is missing or not provided
691 0.4	1	- Transmission
3 0.0	13	

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

VINDICATOR Variable - EngineNumber

1998 Prcnt	Code	Value and Description
56727 32.5	0	Engine data is missing or not provided
1731 1.0	1	- Engine
14 0.0	97	

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

1998 Prcnt	Code	Value and Description
129174 53.0	1	- Unit number
1 0.0	13	

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

MAARS Variable - OCC_NUM

1998 Prcnt	Code	Value and Description
174707 71.7	0	Driver
32389 13.3	1	- Occupant number
1 0.0	78	

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

MAARS Variable - PERSON_TYPE

1998 Prcnt	Code	Value and Description
174707 71.7	1	Driver
69035 28.3	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.

1998	Prcnt	Code	Value and Description
12	0.0	0	Unknown
285	0.1	1	Front left
1169	0.5	2	Front center
32234	13.2	3	Front right
7760	3.2	4	Rear left
3378	1.4	5	Rear center
10309	4.2	6	Rear right
12129	5.0	7	In body of truck
383	0.2	8	Bus passenger
86	0.0	9	Outside vehicle
174707	71.7	10	Driver
42	0.0	88	Other
1248	0.5	99	Missing data

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

MAARS Variable - AGE

1998	Prcnt	Code	Value and Description
26916	11.0	0	Less than 1 year old
1604	0.7	1	1 year old
		-	
1	0.0	108	108 years old
4958	2.0	999	Missing data

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

MAARS Variable - SEX_CODE

1998	Prcnt	Code	Value and Description
125985	51.7	1	Male
96382	39.5	2	Female
21375	8.8	9	Missing data

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

MAARS Variable - SAF_EQUIP

1998	Prcnt	Code	Value and Description
5639	2.3	0	Not applicable
19684	8.1	1	None
7453	3.1	11	Lap belt only
2001	0.8	12	Shoulder belt only
151744	62.3	13	Shoulder / lap belt(s)
3946	1.6	14	Child / youth restraint
353	0.1	21	MC / bike helmet
10	0.0	22	MC / bike eye shield only
451	0.2	23	MC / bike helmet and shield
391	0.2	31	Air bag only
9817	4.0	32	Air bag and belt(s)
98	0.0	88	Other
42155	17.3	99	Unknown

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

MAARS Variable - EQUIP_PROB

1998	Prcnt	Code	Value and Description
15495	6.4	0	Not applicable
			Adult/Youth Restraint
185706	76.2	1	No misuse
121	0.0	2	Belts / anchors broke
1405	0.6	3	Belt(s) misused
655	0.3	4	Air bag failed
83	0.0	8	Other
40213	16.5	9	Unknown
			Child Restraint
3	0.0	42	Facing wrong way
17	0.0	43	Not anchored correctly
7	0.0	44	Anchor not secure
15	0.0	45	Not strapped correctly
5	0.0	46	Strap / tether loose
17	0.0	47	Size / type improper

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

MAARS Variable - EJECTION

1998 Prcnt	Code	Value and Description
7874 3.2	0	Not applicable
201120 82.5	1	Not ejected or trapped
1027 0.4	2	Fully ejected
233 0.1	3	Partially ejected
918 0.4	4	Trapped
8 0.0	8	Other
32562 13.4	9	Unknown

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

MAARS Variable - INJ_SEVER

1998 Prcnt	Code	Value and Description
186464 76.5	1	Not injured
27398 11.2	2	Possible injury
19786 8.1	3	Injured
9601 3.9	4	Disabling injury
493 0.2	5	Fatal
0 0.0	9	Unknown

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

1998	Prcnt	Code	Value and Description
4339	96.3	1	- Number of Pedestrians
1	0.0	5	

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

MAARS Variable - PED_TYPE

1998	Prcnt	Code	Value and Description
4504	100.0	3	Pedestrian

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

MAARS Variable - PERSON_TYPE

1998	Prcnt	Code	Value and Description
10	0.2	0	Not applicable
3127	69.4	1	Pedestrian
1139	25.3	2	Bicyclist
47	1.0	3	Other pedalcyclist
25	0.6	4	Rider of animal
6	0.1	5	In animal-drawn vehicle
9	0.2	6	Machine operator/rider
40	0.9	7	Other conveyance
10	0.2	8	Other
91	2.0	9	Unknown

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

MAARS Variable - AGE

1998	Prcnt	Code	Value and Description
3	0.1	0	Less than 1 year old
11	0.2	1	1 year old
		-	
2	0.0	99	99 years old
287	6.4	999	Missing data

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

MAARS Variable - SEX_CODE

1998	Prcnt	Code	Value and Description
0	0.0	0	Unknown
2946	65.4	1	Male
1514	33.6	2	Female
44	1.0	9	Missing data

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

MAARS Variable - INJ_SEVER

1998	Prcnt	Code	Value and Description
550	12.2	1	Not injured
1255	27.9	2	Possible injury
1738	38.6	3	Injured
848	18.8	4	Disabling injury
113	2.5	5	Fatal

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

MAARS Variable - PED_VISIBLE

1998	Prcnt	Code	Value and Description
123	2.7	0	Not applicable
830	18.4	1	Light clothing
1161	25.8	2	Dark clothing
1958	43.5	3	Mixed clothing
44	1.0	4	Reflective material

Variable 307: PEDESTRIAN VISIBLE (Continued)

1998 Prcnt	Code	Value and Description
3	0.1	5 Head light
6	0.1	6 Rear reflector
4	0.1	7 Head light and reflector
7	0.2	8 Other
368	8.2	9 Unknown

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

MAARS Variable - PED_LOCATION

1998 Prcnt	Code	Value and Description
134	3.0	0 Not applicable
248	5.5	1 Shoulder
121	2.7	2 Curb
220	4.9	3 Sidewalk
257	5.7	4 Outside right-of-way
589	13.1	5 On roadway at crosswalk
2446	54.3	6 On roadway not at crosswalk
13	0.3	7 In school bus zone
11	0.2	8 In bikeway
187	4.2	88 Other
278	6.2	99 Unknown

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

MAARS Variable - PED_OBEY

1998 Prcnt	Code	Value and Description
434	9.6	0 Not applicable
3164	70.2	1 No pedestrian signal
212	4.7	2 Obeyed pedestrian signal
301	6.7	3 Disobeyed pedestrian signal
6	0.1	4 Pedestrian signal malfunction
36	0.8	8 Other
351	7.8	9 Unknown

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

MAARS Variable - CONDITION

1998	Prcnt	Code	Value and Description
139	3.1	0	Not applicable
2724	60.5	1	Apparently normal
235	5.2	2	Had been drinking
12	0.3	3	Using drugs
6	0.1	4	Physical defects
25	0.6	5	Other handicaps
2	0.0	6	Ill
1	0.0	7	Fatigued
0	0.0	8	Apparently asleep
4	0.1	88	Other
1356	30.1	99	Unknown

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

MAARS Variable - MOVEMENT

1998	Prcnt	Code	Value and Description
0	0.0	0	Not applicable
768	17.1	51	Cross / enter at intersection
1353	30.0	52	Cross / enter not at intersection
400	8.9	53	Walking / riding with traffic
406	9.0	54	Walking / riding against traffic
136	3.0	55	Playing
409	9.1	56	Standing
82	1.8	57	Getting on/off vehicle
38	0.8	58	Push / work on vehicle
75	1.7	59	Other working
0	0.0	60	Hitchhiking
7	0.2	61	Approach / leave school bus
325	7.2	88	Other
505	11.2	99	Unknown

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

MAARS Variable - CONTRIB_CIRCUM1

1998	Prcnt	Code	Value and Description
			Driver, Pedestrian, Cyclist: Condition or Actions
2767	61.4	0	Not applicable
22	0.5	1	Under influence of drugs
77	1.7	2	Under influence of alcohol

Variable 312:CONTRIBUTING CIRCUMSTAN1 (Continued)

1998	Prcnt	Code	Value and Description
8	0.2	3	Under influence of medication
5	0.1	4	Under combined influence
6	0.1	5	Physical / mental difficulty
0	0.0	6	Fell asleep, fainted, etc.
464	10.3	7	Failed to give full time and attention
0	0.0	8	Did not comply with license restriction
0	0.0	9	Failure to drive within a single lane
0	0.0	10	Improper right-turn-on-red
101	2.2	11	Failed to yield right-of-way
18	0.4	12	Failed to obey stop sign
24	0.5	13	Failed to obey traffic signal
7	0.2	14	Failed to obey other traffic control
12	0.3	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
0	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
1	0.0	22	Followed too closely
4	0.1	23	Improper turn
0	0.0	24	Improper lane change
4	0.1	25	Improper backing
4	0.1	26	Improper passing
1	0.0	27	Improper signal
2	0.0	28	Improper parking
2	0.0	29	Interference / obstruction by passenger
Pedestrian, Cyclist: Actions Only			
697	15.5	31	Illegally in roadway
84	1.9	32	Bicycle violation
88	2.0	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
8	0.2	45	Rain, snow
1	0.0	46	Animal
4	0.1	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
4	0.1	51	Brakes
0	0.0	52	Tires
1	0.0	53	Steering
1	0.0	54	Lights
0	0.0	55	Windows / windshield
0	0.0	56	Wheel(s)
0	0.0	57	Trailer coupling
0	0.0	58	Cargo
0	0.0	59	Engine trouble

Variable 312:CONTRIBUTING CIRCUMSTAN1 (Continued)

1998 Prcnt	Code	Value and Description
		Road Condition
1	0.0	61 Wet
1	0.0	62 Icy or snow-covered
0	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
5	0.1	88 Other
62	1.4	99 Missing data

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

MAARS Variable - CONTRIB_CIRCUM2

1998 Prcnt	Code	Value and Description
		Driver, Pedestrian, Cyclist: Condition or Actions
3537	78.5	0 Not applicable
4	0.1	1 Under influence of drugs
29	0.6	2 Under influence of alcohol
1	0.0	3 Under influence of medication
2	0.0	4 Under combined influence
7	0.2	5 Physical / mental difficulty
1	0.0	6 Fell asleep, fainted, etc.
159	3.5	7 Failed to give full time and attention
136	3.0	11 Failed to yield right-of-way
14	0.3	12 Failed to obey stop sign
25	0.6	13 Failed to obey traffic signal
6	0.1	14 Failed to obey other traffic control
6	0.1	15 Failed to keep right of center
6	0.1	17 Wrong way on one-way
1	0.0	18 Exceeded speed limit
6	0.1	21 Too fast for conditions
4	0.1	22 Followed too closely
3	0.1	23 Improper turn
4	0.1	24 Improper lane change
1	0.0	25 Improper backing
1	0.0	26 Improper passing
		Pedestrian, Cyclist: Actions Only
220	4.9	31 Illegally in roadway
80	1.8	32 Bicycle violation
135	3.0	37 Clothing not visible
		Environment Effect
2	0.0	42 Sleet, hail, freezing rain
19	0.4	45 Rain, snow
2	0.0	46 Animal

Variable 313: CONTRIBUTING CIRCUMSTAN2 (Continued)

1998 Prcnt	Code	Value and Description
14	0.3	47 Vision obstruction (including blinded by sun / lights)
		Vehicle Defect
4	0.1	51 Brakes
		Road Condition
7	0.2	61 Wet
2	0.0	63 Debris or obstruction
1	0.0	64 Ruts, holes, bumps
1	0.0	66 Traffic control device inoperative
3	0.1	88 Other
61	1.4	99 Missing data

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

MAARS Variable - CONTRIB_CIRCUM3

1998 Prcnt	Code	Value and Description
		Driver, Pedestrian, Cyclist: Condition or Actions
4068	90.3	0 Not applicable
4	0.1	1 Under influence of drugs
9	0.2	2 Under influence of alcohol
1	0.0	3 Under influence of medication
1	0.0	4 Under combined influence
1	0.0	6 Fell asleep, fainted, etc.
51	1.1	7 Failed to give full time and attention
33	0.7	11 Failed to yield right-of-way
6	0.1	12 Failed to obey stop sign
10	0.2	13 Failed to obey traffic signal
4	0.1	14 Failed to obey other traffic control
4	0.1	15 Failed to keep right of center
3	0.1	17 Wrong way on one-way
6	0.1	21 Too fast for conditions
2	0.0	23 Improper turn
2	0.0	24 Improper lane change
2	0.0	26 Improper passing
		Pedestrian, Cyclist: Actions Only
103	2.3	31 Illegally in roadway
31	0.7	32 Bicycle violation
55	1.2	37 Clothing not visible
		Environment Effect
1	0.0	41 Smog, smoke
21	0.5	45 Rain, snow
7	0.2	47 Vision obstruction (including blinded by sun / lights)

Variable 314: CONTRIBUTING CIRCUMSTAN3 (Continued)

1998 Prcnt	Code	Value and Description
		Vehicle Defect
2	0.0	51 Brakes
		Road Condition
11	0.2	61 Wet
1	0.0	62 Icy or snow-covered
1	0.0	66 Traffic control device inoperative
1	0.0	67 Shoulder low, soft, high
1	0.0	88 Other
62	1.4	99 Missing data

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

MAARS Variable - CONTRIB_CIRCUM4

1998 Prcnt	Code	Value and Description
		Driver, Pedestrian, Cyclist: Condition or Actions
4294	95.3	0 Not applicable
4	0.1	1 Under influence of drugs
9	0.2	2 Under influence of alcohol
2	0.0	3 Under influence of medication
3	0.1	4 Under combined influence
4	0.1	5 Physical / mental difficulty
9	0.2	7 Failed to give full time and attention
7	0.2	11 Failed to yield right-of-way
6	0.1	13 Failed to obey traffic signal
1	0.0	14 Failed to obey other traffic control
2	0.0	15 Failed to keep right of center
1	0.0	17 Wrong way on one-way
1	0.0	21 Too fast for conditions
1	0.0	22 Followed too closely
1	0.0	23 Improper turn
1	0.0	27 Improper signal
		Pedestrian, Cyclist: Actions Only
17	0.4	31 Illegally in roadway
17	0.4	32 Bicycle violation
34	0.8	37 Clothing not visible
		Environment Effect
1	0.0	41 Smog, smoke
1	0.0	42 Sleet, hail, freezing rain
6	0.1	45 Rain, snow
2	0.0	47 Vision obstruction (including blinded by sun / lights)
		Vehicle Defect

Variable 315:CONTRIBUTING CIRCUMSTAN4 (Continued)

1998 Prcnt	Code	Value and Description
Road Condition		
14	0.3	61 Wet
2	0.0	64 Ruts, holes, bumps
1	0.0	66 Traffic control device inoperative
1	0.0	88 Other
62	1.4	99 Missing data

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

MAARS Variable - FAULT

1998 Prcnt	Code	Value and Description
1753	38.9	1 Yes
1241	27.6	2 No
1510	33.5	9 Unknown

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

MAARS Variable - SUBST_USE

1998 Prcnt	Code	Value and Description
321	7.1	0 Not applicable
2504	55.6	1 None detected
154	3.4	11 Alcohol present
4	0.1	12 Illegal drug present
4	0.1	13 Medication present
2	0.0	14 Combined substances present
42	0.9	21 Alcohol contributed
3	0.1	22 Illegal drug contributed
2	0.0	23 Medication contributed
3	0.1	24 Combination contributed
3	0.1	88 Other
1462	32.5	99 Unknown

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

MAARS Variable - ALCO_DRUG_IMPAIRED

1998 Prcnt	Code	Value and Description
278	6.2	1 Alcohol

Variable 318:IMPAIRED (Continued)

1998	Prcnt	Code	Value and Description
3	0.1	2	Alcohol and drug
38	0.8	3	Drug
4185	92.9	4	Not impaired

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

MAARS Variable - TESTS

1998	Prcnt	Code	Value and Description
1720	38.2	0	Not applicable
34	0.8	1	Test refused
5	0.1	2	Positive preliminary test
20	0.4	3	Evidence test given
10	0.2	8	Other
2715	60.3	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

1998	Prcnt	Code	Value and Description
4480	99.5	0	
1	0.0	2	
		-	BAC test results
1	0.0	88	

Maryland 1998

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
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	VINDICATOR has made some change to the i
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
apparently	140	1	Apparently normal
apparently	310	1	Apparently normal

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
belt	148	2	Belts / anchors broke
belt	171	1	Manual belt
belt	207	11	Lap belt only

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
buick	160	4	Buick
building	25	2	Building
bump	131	64	Ruts, holes, bumps
bump	132	64	Ruts, holes, bumps

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
change	133	24	Improper lane change
change	134	24	Improper lane change
change	158	1	VINDICATOR has made some change to the i
change	312	24	Improper lane change

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
circumstan1	131	*	CONTRIBUTING CIRCUMSTAN1
circumstan2	132	*	CONTRIBUTING CIRCUMSTAN2
circumstan3	133	*	CONTRIBUTING CIRCUMSTAN3
circumstan4	134	*	CONTRIBUTING CIRCUMSTAN4
circustanc1	312	*	CONTRIBUTING CIRCUSTANC1
circustanc2	313	*	CONTRIBUTING CIRCUSTANC2
circustanc3	314	*	CONTRIBUTING CIRCUSTANC3
circustanc4	315	*	CONTRIBUTING CIRCUSTANC4
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
code	157	-9	Invalid check digit / engine 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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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 CIRCUSTANC1
contributing	313	*	CONTRIBUTING CIRCUSTANC2
contributing	314	*	CONTRIBUTING CIRCUSTANC3
contributing	315	*	CONTRIBUTING CIRCUSTANC4
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
datsun/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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
deceleration	13	18	Deceleration lane
december	3	12	December
decoded	157	99	VIN not decoded / no VIN
decoded	158	9	VIN not decoded / no VIN
defect	18	1	No defects
defect	140	4	Physical defects
defect	310	4	Physical defects
delorean	160	49	Delorean
destroyed	129	5	Destroyed
detected	152	1	None detected
detected	317	1	None detected
device	131	66	Traffic control device inoperative
device	132	66	Traffic control device inoperative
device	133	66	Traffic control device inoperative
device	134	66	Traffic control device inoperative
device	312	66	Traffic control device inoperative
device	313	66	Traffic control device inoperative
device	314	66	Traffic control device inoperative
device	315	66	Traffic control device inoperative
difficulty	131	5	Physical / mental difficulty
difficulty	132	5	Physical / mental difficulty
difficulty	133	5	Physical / mental difficulty
difficulty	134	5	Physical / mental difficulty
difficulty	312	5	Physical / mental difficulty
difficulty	313	5	Physical / mental difficulty
difficulty	314	5	Physical / mental difficulty
difficulty	315	5	Physical / mental difficulty
digit	157	-9	Invalid check digit / engine code
direction	12	*	LANE DIRECTION
direction	15	*	RAMP DIRECTION
direction	24	3	Same direction rear-end
direction	135	*	DIRECTION GOING
direction	136	*	DIRECTION CONTINUING
dirt	131	43	Blowing sand, soil, dirt
dirt	132	43	Blowing sand, soil, dirt
dirt	133	43	Blowing sand, soil, dirt
dirt	134	43	Blowing sand, soil, dirt
dirt	312	43	Blowing sand, soil, dirt
dirt	313	43	Blowing sand, soil, dirt
dirt	314	43	Blowing sand, soil, dirt
dirt	315	43	Blowing sand, soil, dirt
disabling	28	4	Disabling injury
disabling	115	4	Disabling injury
disabling	129	4	Disabling damage
disabling	150	4	Disabling injury
disabling	210	4	Disabling injury
disabling	306	4	Disabling injury
disobeyed	309	3	Disobeyed pedestrian signal
ditch	25	3	Culvert - ditch
divided	17	*	DIVIDED/UNDIVIDED
dob	145	*	DRIVER DOB
dodge	160	7	Dodge
dodge truck	160	32	Dodge Truck
dodge/mitsubishi	160	22	Dodge/Mitsubishi
door	162	20	2 door
door	165	1	2 door
downhill	26	17	Downhill runaway

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
engine	133	59	Engine trouble
engine	134	59	Engine trouble
engine	157	-9	Invalid check digit / engine code
engine	177	*	VINDICATOR - ENGINE
engine	312	59	Engine trouble
engine	313	59	Engine trouble
engine	314	59	Engine trouble
engine	315	59	Engine trouble
enter	311	51	Cross / enter at intersection
equipment	137	12	Farm equipment
equipment	138	12	Farm equipment
equipment	139	12	Farm equipment
equipment	147	*	DRIVER SAFETY EQUIPMENT
equipment	148	*	SAFETY EQUIPMENT PROBLEM
equipment	207	*	SAFETY EQUIPMENT
equipment	208	*	SAFETY EQUIPMENT PROBLEM
errors	157	01	No errors
event	26	*	FIRST HARMFUL EVENT
event	27	*	SECOND HARMFUL EVENT
evidence	153	3	Evidence test given
evidence	319	3	Evidence test given
exceeded	131	18	Exceeded speed limit
exceeded	132	18	Exceeded speed limit
exceeded	133	18	Exceeded speed limit
exceeded	134	18	Exceeded speed limit
exceeded	312	18	Exceeded speed limit
exceeded	313	18	Exceeded speed limit
exceeded	314	18	Exceeded speed limit
exceeded	315	18	Exceeded speed limit
explosion	26	18	Explosion or fire
explosion	27	18	Explosion or fire
extent	129	*	DAMAGE EXTENT
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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.
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Maryland 1998 Index (continued)

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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
invalid	23	0	Invalid code
invalid	157	-9	Invalid check digit / engine code
involved	14	*	RAMP INVOLVED
jackknife	26	13	Jackknife
jackknife	27	13	Jackknife
jaguar	160	44	Jaguar
january	3	1	January
jeep	160	34	Jeep
july	3	7	July
junction	11	*	JUNCTION
june	3	6	June
key	157	91	Series / model key not in table
kia	160	68	Kia
killed	118	*	NUMBER KILLED IN VEH
laforza	160	64	Laforza
lamborghini	160	63	Lamborghini
lancia	160	43	Lancia
land rover	160	60	Land Rover
lane	12	*	LANE DIRECTION
lane	13	*	IMPACT LANE LOCATION
lane	130	4	Starting from lane
lane	131	9	Failure to drive within a single lane
lane	132	9	Failure to drive within a single lane
lane	133	9	Failure to drive within a single lane
lane	134	9	Failure to drive within a single lane
lane	312	9	Failure to drive within a single lane
lane	313	9	Failure to drive within a single lane
lane	314	9	Failure to drive within a single lane
lane	315	9	Failure to drive within a single lane
lap	147	11	Lap belt only
lap	207	11	Lap belt only
leave	311	61	Approach / leave school bus
left	13	16	Left turn lane
left	24	2	Head on left turn
left	124	1	Front left
left	125	1	Front left
left	126	1	Front left
left	127	1	Front left
left	128	1	Front left
left	130	12	Making left turn
left	204	1	Front left
length	157	11	VIN has zero length
length	168	*	VINDICATOR - LENGTH
level	16	1	Straight and level
lexus	160	65	Lexus
license	131	8	Did not comply with license restriction
license	132	8	Did not comply with license restriction
license	133	8	Did not comply with license restriction
license	134	8	Did not comply with license restriction

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
license	142	*	DRIVER LICENSE CLASS
license	143	*	COMMERCIAL DRIVERS LIC
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
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
made	158	0	No alteration has been made
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
match	157	41	VIN does not match any valid pattern
material	18	4	Foreign material
material	113	*	HAZARDOUS MATERIAL SPILL
material	307	4	Reflective material
maximum	174	0	Maximum horsepower data missing
maximum horsepower	174	*	VINDICATOR - MAXHP
may	3	5	May
maybach	160	73	Maybach
mazda	160	18	Mazda
mc	147	21	MC / bike helmet
mc	207	21	MC / bike helmet
median	13	12	Median
medication	131	3	Under influence of medication
medication	132	3	Under influence of medication
medication	133	3	Under influence of medication
medication	134	3	Under influence of medication
medication	152	13	Medication present
medication	312	3	Under influence of medication
medication	313	3	Under influence of medication
medication	314	3	Under influence of medication
medication	315	3	Under influence of medication
medication	317	13	Medication present
meets	24	12	Angle meets right turn
mental	131	5	Physical / mental difficulty
mental	132	5	Physical / mental difficulty
mental	133	5	Physical / mental difficulty
mental	134	5	Physical / mental difficulty
mental	312	5	Physical / mental difficulty
mental	313	5	Physical / mental difficulty
mental	314	5	Physical / mental difficulty
mental	315	5	Physical / mental difficulty
mercedes benz	160	36	Mercedes Benz
mercury	160	9	Mercury
mg	160	25	MG
midnight	5	2400	Midnight
midsize	164	3	Midsize
mini	160	72	Mini
mini	164	1	Mini
minimum	173	0	Minimum horsepower data missing
minimum horsepower	173	*	VINDICATOR - MINHP
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
movement	24	11	Straight movement angle
movement	130	*	MOVEMENT
movement	311	*	PEDESTRIAN MOVEMENT
moving	130	1	Moving constant speed
mud	19	5	Mud
municipal	9	5	Municipal route
municipality	7	*	MUNICIPALITY
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
numeric	158	1	VINDICATOR has made some change to the i
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	Obedied 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
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
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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	10000	10,000 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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	71	Recognized VIN, inappropriate vehicle ty
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	VINDICATOR has made some change to the i
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
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
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
underside	124	22	Underside
underside	125	22	Underside
underside	126	22	Underside
underside	127	22	Underside
underside	128	22	Underside
undivided	17	*	DIVIDED/UNDIVIDED
undocumented	15	10	Undocumented code
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
usdot	112	*	USDOT NUMBER
utility	137	7	Utility trailer
utility	138	7	Utility trailer
utility	139	7	Utility trailer
utility	163	3	Utility vehicles
utility	165	8	Utility
u-turn	26	20	U-turn
u-turn	27	20	U-turn
u-turn	130	15	Making U-turn
valid	157	41	VIN does not match any valid pattern
van	105	21	Van
van	108	2	Van / enclosed box
van	163	1	Vans (All cargo & large passenger vans)
van	165	5	Passenger van
vehicle type	163	*	VINDICATOR - VEHTP
vin	157	11	VIN has zero length
vin	158	1	VINDICATOR has made some change to the i
vindicator	157	*	VINDICATOR - IERR
vindicator	158	*	VINDICATOR - ALTSW
vindicator	159	*	VINDICATOR - YEAR
vindicator	160	*	VINDICATOR - MAKE
vindicator	161	*	VINDICATOR - MAKE/MODEL
vindicator	162	*	VINDICATOR - BODY
vindicator	163	*	VINDICATOR - VEHTP
vindicator	164	*	VINDICATOR - SIZE
vindicator	165	*	VINDICATOR - STYLE CLASS
vindicator	166	*	VINDICATOR - WEIGHT
vindicator	167	*	VINDICATOR - WHLBS
vindicator	168	*	VINDICATOR - LENGTH
vindicator	169	*	VINDICATOR - WIDTH
vindicator	170	*	VINDICATOR - HEIGHT
vindicator	171	*	VINDICATOR - RSTN
vindicator	172	*	VINDICATOR - ATD/DRL
vindicator	173	*	VINDICATOR - MINHP
vindicator	174	*	VINDICATOR - MAXHP
vindicator	175	*	VINDICATOR - ABS
vindicator	176	*	VINDICATOR - TRANS
vindicator	177	*	VINDICATOR - ENGINE
violation	131	32	Bicycle violation
violation	132	32	Bicycle violation
violation	133	32	Bicycle violation
violation	134	32	Bicycle violation
violation	312	32	Bicycle violation
violation	313	32	Bicycle violation
violation	314	32	Bicycle violation
violation	315	32	Bicycle violation
visible	131	37	Clothing not visible
visible	132	37	Clothing not visible
visible	133	37	Clothing not visible
visible	134	37	Clothing not visible
visible	307	*	PEDESTRIAN VISIBLE
visible	312	37	Clothing not visible
visible	313	37	Clothing not visible
visible	314	37	Clothing not visible
visible	315	37	Clothing not visible
vision	131	47	Vision obstruction (including blinded by
vision	132	47	Vision obstruction (including blinded by

Maryland 1998 Index (continued)

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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
windshield	131	55	Windows / windshield
windshield	132	55	Windows / windshield
windshield	133	55	Windows / windshield
windshield	134	55	Windows / windshield
windshield	312	55	Windows / windshield
windshield	313	55	Windows / windshield
windshield	314	55	Windows / windshield
windshield	315	55	Windows / windshield
work	311	58	Push / work on vehicle
working	311	59	Other working
worst	115	*	WORST INJURY IN VEHICLE
wrong	131	17	Wrong way on one-way
wrong	132	17	Wrong way on one-way
wrong	133	17	Wrong way on one-way
wrong	134	17	Wrong way on one-way
wrong	208	42	Facing wrong way
wrong	312	17	Wrong way on one-way
wrong	313	17	Wrong way on one-way
wrong	314	17	Wrong way on one-way
wrong	315	17	Wrong way on one-way
year	2	*	YEAR OF ACCIDENT
year	104	*	VEHICLE YEAR
year	144	0	Less than 1 year old
year	157	61	VIN model year / pattern conflict
year	159	*	VINDICATOR - YEAR
year	205	0	Less than 1 year old
year	304	0	Less than 1 year old
yield	131	11	Failed to yield right-of-way
yield	132	11	Failed to yield right-of-way
yield	133	11	Failed to yield right-of-way
yield	134	11	Failed to yield right-of-way
yield	312	11	Failed to yield right-of-way
yield	313	11	Failed to yield right-of-way
yield	314	11	Failed to yield right-of-way
yield	315	11	Failed to yield right-of-way
youth	147	14	Child / youth restraint
youth	207	14	Child / youth restraint
yugo	160	53	Yugo
zero	29	0	Zero injured persons
zero	30	0	Zero fatally injured persons
zero	31	0	Zero Nonmotorists
zero	117	0	Zero injured
zero	118	0	Zero killed
zero	157	11	VIN has zero length
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

Maryland 1998 Index (continued)

Item	Var	CV	Variable Name or Code Value
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