

Transportation Data Center Data Set Codebook

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The University of Michigan
Transportation Research Institute

STATE OF MARYLAND
1999 MOTOR VEHICLE ACCIDENTS

Introduction

This codebook documents datasets describing motor-vehicle traffic accidents that occurred in the State of Maryland during calendar year 1999. 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.

1999 MARYLAND DATASETS

DATASET	KEY	VARIABLES	CASES
Accident	MDC99ACC	1-31	97,009
Vehicle	MDC99VEH	1-31,101-178	181,024
Occupant	MDC99OCC	1-31,101-178,201-210	250,179
Nonmotorist	MDC99NMT	1-31,101-178,201-210, 301-320	4,606

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 1999 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 MDC99ACC, person frequencies from MDC99OCC, 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
1999 - 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	8
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
1999 - 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	22
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	23
118	NUMBER KILLED IN VEH	2	Numeric	23
119	DRIVERLESS VEHICLE	1	Numeric	23
120	PARKED VEHICLE	1	Numeric	23
121	FIRE	1	Numeric	24
122	HIT AND RUN	1	Numeric	24
123	SPEED LIMIT	2	Numeric	24
124	FIRST IMPACT AREA	2	Numeric	25
125	MAIN IMPACT AREA	2	Numeric	25
126	AREA DAMAGE 1	2	Numeric	26
127	AREA DAMAGE 2	2	Numeric	27
128	AREA DAMAGE 3	2	Numeric	27
129	DAMAGE EXTENT	1	Numeric	28
130	MOVEMENT	2	Numeric	28
131	CONTRIBUTING CIRCUMSTAN1	2	Numeric	29
132	CONTRIBUTING CIRCUMSTAN2	2	Numeric	30
133	CONTRIBUTING CIRCUMSTAN3	2	Numeric	32
134	CONTRIBUTING CIRCUMSTAN4	2	Numeric	33
135	DIRECTION GOING	1	Numeric	35
136	DIRECTION CONTINUING	1	Numeric	35
137	TOWED UNIT-TYPE 1	2	Numeric	36
138	TOWED UNIT-TYPE 2	2	Numeric	36
139	TOWED UNIT-TYPE 3	2	Numeric	37
140	DRIVER CONDITION	2	Numeric	37
141	DRIVER AT FAULT	1	Numeric	37
142	DRIVER LICENSE CLASS	2	Alphabetic	38
143	COMMERCIAL DRIVERS LIC	1	Numeric	38
144	DRIVER AGE	3	Numeric	38
145	DRIVER DOB	9	Alphabetic	38
146	DRIVER GENDER	1	Numeric	38
147	DRIVER SAFETY EQUIPMENT	2	Numeric	39
148	SAFETY EQUIPMENT PROBLEM	1	Numeric	39
149	DRIVER EJECTION	1	Numeric	39
150	DRIVER INJURY SEVERITY	1	Numeric	40

Maryland
1999 - 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	41
154	DRIVER BAC	2	Numeric	41
155	RESIDENCE STATE	4	Numeric	41
156	DRIVER ZIP CODE	5	Alphabetic	43
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	100
163	VINDICATOR - VEHTP	1	Numeric	100
164	VINDICATOR - SIZE	1	Numeric	101
165	VINDICATOR - STYLE CLASS	2	Numeric	101
166	VINDICATOR - WEIGHT	4	Numeric	101
167	VINDICATOR - WHLBS	5	Numeric	102
168	VINDICATOR - LENGTH	5	Numeric	102
169	VINDICATOR - WIDTH	4	Numeric	102
170	VINDICATOR - HEIGHT	4	Numeric	102
171	VINDICATOR - RSTN	1	Numeric	103
172	VINDICATOR - ATD/DRL	25	Alphabetic	103
173	VINDICATOR - MINHP	3	Numeric	103
174	VINDICATOR - MAXHP	3	Numeric	104
175	VINDICATOR - ABS	3	Numeric	104
176	VINDICATOR - TRANS	2	Numeric	106
177	VINDICATOR - ENGINE	3	Numeric	106
178	VEHICLE IDENTIFICATION #	17	Alphabetic	106

Maryland
1999 - Occupant

Variable Number	Variable Name	Width	Storage Type	Page Number
201	OCCUPANT UNIT NUMBER	2	Numeric	107
202	OCCUPANT NUMBER	2	Numeric	107
203	OCCUPANT TYPE	1	Numeric	107
204	SEAT POSITION	2	Numeric	108
205	AGE	3	Numeric	108
206	GENDER	1	Numeric	108
207	SAFETY EQUIPMENT	2	Numeric	109
208	SAFETY EQUIPMENT PROBLEM	2	Numeric	109
209	EJECTION	1	Numeric	110
210	INJURY SEVERITY	1	Numeric	110

Maryland
1999 - Nonmotorist

Variable Number	Variable Name	Width	Storage Type	Page Number
301	UNIT NUMBER	2	Numeric	111
302	PERSON TYPE	1	Numeric	111
303	NONMOTORIST TYPE	1	Numeric	111
304	AGE	3	Numeric	112
305	GENDER	1	Numeric	112
306	INJURY SEVERITY	1	Numeric	112
307	PEDESTRIAN VISIBLE	1	Numeric	112
308	PEDESTRIAN LOCATION	2	Numeric	113
309	DID PED OBEY SIGNAL	1	Numeric	113
310	PEDESTRIAN CONDITION	2	Numeric	114
311	PEDESTRIAN MOVEMENT	2	Numeric	114
312	CONTRIBUTING CIRCUMSTAN1	2	Numeric	114
313	CONTRIBUTING CIRCUMSTAN2	2	Numeric	116
314	CONTRIBUTING CIRCUMSTAN3	2	Numeric	117
315	CONTRIBUTING CIRCUMSTAN4	2	Numeric	118
316	FAULT	1	Numeric	119
317	SUBSTANCE USE	2	Numeric	119
318	IMPAIRED	1	Numeric	119
319	TESTS	1	Numeric	120
320	NONMOTORIST BAC	2	Numeric	120

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

1999	Prcnt	Code	Value and Description
97009	100.0	1999	1999

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

MAARS Variable - ACC_DATE

1999	Prcnt	Code	Value and Description
7666	7.9	1	January
6794	7.0	2	February
7920	8.2	3	March
7622	7.9	4	April
7990	8.2	5	May
8020	8.3	6	June
7819	8.1	7	July
7688	7.9	8	August
8516	8.8	9	September
9033	9.3	10	October
8983	9.3	11	November
8958	9.2	12	December

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

MAARS Variable - ACC_DATE

1999	Prcnt	Code	Value and Description
3179	3.3	1	- Day of Accident
1499	1.5	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

1999	Prcnt	Code	Value and Description
401	0.4	1	12:01 am
		-	
42	0.0	2359	11:59 pm
0	0.0	2400	Midnight
36	0.0	9999	Unknown

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

MAARS Variable - COUNTY

1999	Prcnt	Code	Value and Description
886	0.9	1	Allegany
8375	8.6	2	Anne Arundel
13200	13.6	3	Baltimore
929	1.0	4	Calvert
422	0.4	5	Caroline
1900	2.0	6	Carroll
1500	1.5	7	Cecil
2194	2.3	8	Charles
537	0.6	9	Dorchester
2996	3.1	10	Frederick
607	0.6	11	Garrett
3031	3.1	12	Harford
4066	4.2	13	Howard
206	0.2	14	Kent
12779	13.2	15	Montgomery
14266	14.7	16	Prince Georges
655	0.7	17	Queen Anne's
1181	1.2	18	St. Mary's
424	0.4	19	Somerset

Variable 6:COUNTY CODE (Continued)

1999	Prcnt	Code	Value and Description
851	0.9	20	Talbot
2784	2.9	21	Washington
1972	2.0	22	Wicomico
1347	1.4	23	Worcester
19901	20.5	24	Baltimore City

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

MAARS Variable - MUNI_CODE

1999	Prcnt	Code	Value and Description
82657	85.2	0	Not applicable
189	0.2	1	Aberdeen
2	0.0	2	Accident
742	0.8	3	Annapolis
3	0.0	4	Barclay
2	0.0	5	Barnessville
1	0.0	6	Barton
211	0.2	7	Bel Air
45	0.0	8	Berlin
52	0.1	9	Berwyn Heights
3	0.0	10	Betterton
258	0.3	11	Bladensburg
19	0.0	12	Boonsboro
311	0.3	13	Bowie
29	0.0	14	Brentwood
8	0.0	15	Brookeville
30	0.0	17	Brunswick
2	0.0	18	Burkinsville
217	0.2	19	Cambridge
64	0.1	20	Capitol Heights
68	0.1	21	New Carrollton
4	0.0	22	Cecilton
33	0.0	23	Centreville
3	0.0	24	Charlestown
33	0.0	25	Chesapeake Beach
8	0.0	26	Chesapeake City
44	0.0	27	Chesterton
69	0.1	28	Cheverly
5	0.0	29	ChevyChase #3
12	0.0	30	ChevyChase #4
4	0.0	31	ChevyChase #5
12	0.0	32	Chevy Chase View
72	0.1	33	Chevy Chase Village
7	0.0	35	Church Hill
4	0.0	36	Clearspring
606	0.6	37	College Park
5	0.0	38	Colman Manor

Variable 7:MUNICIPALITY (Continued)

1999	Prcnt	Code	Value and Description
44	0.0	39	Cottage City
29	0.0	40	Crisfield
169	0.2	41	Cumberland
6	0.0	42	Deer Park
33	0.0	43	Delmar
34	0.0	44	Denton
45	0.0	45	District Heights
3	0.0	48	East New Market
405	0.4	49	Easton
14	0.0	50	Edmonston
200	0.2	52	Elkton
29	0.0	53	Emmitsburg
11	0.0	54	Fairmont Heights
22	0.0	55	Federalsburg
15	0.0	56	Forest Heights
908	0.9	57	Frederick
8	0.0	58	Friendship Heights
2	0.0	59	Friendsville
87	0.1	60	Frostburg
59	0.1	61	Fruitland
12	0.0	62	Funkstown
951	1.0	63	Gaithersburg
6	0.0	64	Galena
1	0.0	65	Galestown
4	0.0	66	Garrett Park
61	0.1	67	Glen Arden
1	0.0	68	Glen Echo
4	0.0	69	Goldsboro
2	0.0	70	Grantsville
393	0.4	71	Greenbelt
9	0.0	72	Greensboro
1197	1.2	73	Hagerstown
53	0.1	74	Hampstead
33	0.0	75	Hancock
135	0.1	76	Havre de Grace
3	0.0	77	Hebron
1	0.0	78	Henderson
7	0.0	81	Hurlock
251	0.3	82	Hyattsville
15	0.0	83	Indian Head
5	0.0	84	Keedysville
55	0.1	85	Kensington
1	0.0	86	Kitzmilller
8	0.0	87	Landover Hills
200	0.2	88	La Plata
414	0.4	89	Laurel
7	0.0	90	Laytonsville
61	0.1	91	Leonardtwn
6	0.0	92	Loch Lynn Heights
5	0.0	93	Lonaconing
6	0.0	94	Luke
18	0.0	95	Manchester

Variable 7:MUNICIPALITY (Continued)

1999	Prcnt	Code	Value and Description
17	0.0	96	Mardela Springs
29	0.0	99	Middletown
3	0.0	100	Midland
3	0.0	101	Millington
3	0.0	102	Morningside
57	0.1	103	Mount Airy
32	0.0	104	Mount Rainier
22	0.0	105	Mountain Lake Park
13	0.0	106	Myersville
5	0.0	107	New Market
8	0.0	108	New Windsor
8	0.0	109	North Beach
2	0.0	110	North Brentwood
1	0.0	111	North Chevy Chase
22	0.0	112	North East
54	0.1	113	Oakland
594	0.6	115	Ocean City
1	0.0	116	Oxford
54	0.1	117	Perryville
11	0.0	118	Pittsville
79	0.1	119	Pocomoke City
22	0.0	120	Poolesville
2	0.0	121	Port Deposit
6	0.0	122	Preston
78	0.1	123	Princess Anne
4	0.0	124	Queen Anne
15	0.0	125	Queenstown
12	0.0	126	Ridgely
27	0.0	127	Rising Sun
250	0.3	128	Riverdale
7	0.0	129	Rock Hall
1147	1.2	130	Rockville
4	0.0	131	Rosemont
43	0.0	132	Saint Michaels
972	1.0	133	Salisbury
88	0.1	134	Seat Pleasant
2	0.0	135	Secretary
15	0.0	136	Sharpsburg
4	0.0	137	Sharptown
7	0.0	138	Smithsburg
16	0.0	139	Snow Hill
1	0.0	140	Somerset
2	0.0	141	Sudlersville
23	0.0	142	Sykesville
257	0.3	143	Takoma Park
34	0.0	144	Taneytown
59	0.1	146	Thurmont
15	0.0	147	Trappe
6	0.0	148	Union Bridge
13	0.0	149	University Park
38	0.0	150	Upper Marlboro
5	0.0	151	Vienna

Variable 7:MUNICIPALITY (Continued)

1999	Prcnt	Code	Value and Description
23	0.0	152	Walkersville
14	0.0	153	Washington Grove
14	0.0	154	Westernport
385	0.4	155	Westminster
15	0.0	156	Willards
43	0.0	157	Williamsport
6	0.0	158	Woodsboro
5	0.0	159	Crofton
430	0.4	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

1999	Prcnt	Code	Value and Description
7973	8.2	1	Interstate
8055	8.3	2	US route
27803	28.7	3	Maryland route
22361	23.1	4	County route
4508	4.6	5	Municipal route
56	0.1	6	Government road
163	0.2	7	Service drive
431	0.4	8	Other public road
25659	26.5	9	Unknown

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

MAARS Variable - SIGNAL

1999	Prcnt	Code	Value and Description
19318	19.9	1	Yes
77691	80.1	2	No

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

MAARS Variable - JUNCTION

1999	Prcnt	Code	Value and Description
0	0.0	0	Not applicable
58887	60.7	1	Non-intersection
23953	24.7	2	Intersection
10258	10.6	3	Intersection related
3911	4.0	4	Driveway access

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

MAARS Variable - LANE

1999	Prcnt	Code	Value and Description
2474	2.6	0	On a ramp
26083	26.9	1	North
23348	24.1	2	South
17368	17.9	3	East
15404	15.9	4	West
4267	4.4	5	Parking lot
1083	1.1	6	No lane markings or at centerline
6982	7.2	9	Unknown

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

MAARS Variable - LANE

1999	Prcnt	Code	Value and Description
2474	2.6	0	On a ramp
52143	53.8	1	Lane 1 - nearest centerline
13436	13.9	2	Lane 2
4485	4.6	3	Lane 3
1087	1.1	4	Lane 4
166	0.2	5	Lane 5
19	0.0	6	Lane 6
5	0.0	7	Lane 7
4	0.0	8	Lane 8
12	0.0	9	Lane 9
1829	1.9	10	Shoulder
6076	6.3	11	Off road
606	0.6	12	Median
33	0.0	13	Crossover
65	0.1	14	Gore
873	0.9	15	Right turn lane

Variable 13: IMPACT LANE LOCATION (Continued)

1999	Prcnt	Code	Value and Description
1039	1.1	16	Left turn lane
225	0.2	17	Acceleration lane
100	0.1	18	Deceleration lane
4267	4.4	19	Parking lot
1083	1.1	20	No lane markings or at centerline
6982	7.2	99	Unknown

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

MAARS Variable - RAMP

1999	Prcnt	Code	Value and Description
1206	1.2	1	Yes
95803	98.8	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

1999	Prcnt	Code	Value and Description
95803	98.8	0	Not applicable
137	0.1	1	North-West
141	0.1	2	West-North
163	0.2	3	East-North
185	0.2	4	North-East
127	0.1	5	South-East
163	0.2	6	East-South
112	0.1	7	West-South
141	0.1	8	South-West
27	0.0	9	Other
3	0.0	11	Extra
7	0.0	12	Extra

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

MAARS Variable - RD_CHAR

Variable 16:ROADWAY CHARACTER (Continued)

1999	Prcnt	Code	Value and Description
179	0.2	0	Not applicable
62076	64.0	1	Straight and level
15016	15.5	2	Straight and grade
3177	3.3	3	Straight and hill
6489	6.7	4	Curve and level
5568	5.7	5	Curve and grade
899	0.9	6	Curve and hill
299	0.3	7	On bridge
96	0.1	8	Other
3210	3.3	9	Unknown

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

MAARS Variable - RD_DIV

1999	Prcnt	Code	Value and Description
975	1.0	0	Not applicable
48044	49.5	1	Not divided
4855	5.0	2	One way road or street
23567	24.3	3	Divided - no barrier
16138	16.6	4	Divided - with barrier
288	0.3	8	Other
3142	3.2	9	Unknown

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

MAARS Variable - RD_COND

1999	Prcnt	Code	Value and Description
278	0.3	0	Not applicable
91203	94.0	1	No defects
411	0.4	2	Shoulder defect
553	0.6	3	Holes, ruts, etc.
514	0.5	4	Foreign material
559	0.6	5	Loose surface material
46	0.0	6	Obstruction not lighted
17	0.0	7	Obstruction not signaled
174	0.2	8	Other
3254	3.4	9	Unknown

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

MAARS Variable - SURF_COND

1999	Prcnt	Code	Value and Description
141	0.1	0	Not applicable
21266	21.9	1	Wet
71589	73.8	2	Dry
1945	2.0	3	Snow
1687	1.7	4	Ice
0	0.0	5	Mud
16	0.0	8	Other
365	0.4	9	Unknown

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

MAARS Variable - LIGHT

1999	Prcnt	Code	Value and Description
106	0.1	0	Not applicable
62672	64.6	1	Daylight
4701	4.8	2	Dawn / dusk
21753	22.4	3	Dark - light on
7508	7.7	4	Dark - no lights
13	0.0	8	Other
256	0.3	9	Unknown

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

MAARS Variable - WEATHER

1999	Prcnt	Code	Value and Description
105	0.1	0	Not applicable
77482	79.9	1	Clear / cloudy
1344	1.4	2	Foggy
14566	15.0	3	Raining
2939	3.0	4	Snow / sleet
66	0.1	5	Severe winds
19	0.0	8	Other
488	0.5	9	Unknown

Variable 22	CONSTRUCTION ZONE	Width: 1	Type: Numeric
		Dec: None	Miss: None

MAARS Variable - C_M_ZONE

1999	Prcnt	Code	Value and Description
2074	2.1	1	Yes
94935	97.9	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.

1999	Prcnt	Code	Value and Description
25509	26.3	1	One vehicle
61704	63.6	2	Two vehicles
7729	8.0	3	Three vehicles
1623	1.7	4	Four vehicles
312	0.3	5	Five vehicles
86	0.1	6	Six vehicles
25	0.0	7	Seven vehicles
14	0.0	8	Eight vehicles
6	0.0	9	Nine vehicles
1	0.0	11	Eleven vehicles

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

MAARS Variable - COLLISION_TYPE

1999	Prcnt	Code	Value and Description
2357	2.4	1	Head on
5564	5.7	2	Head on left turn
19420	20.0	3	Same direction rear-end
848	0.9	4	Same direction rear-end - right turn
1531	1.6	5	Same direction rear-end - left turn
636	0.7	6	Opposite Direction sideswipe
3367	3.5	7	Same direction sideswipe
375	0.4	8	Same direction right turn
480	0.5	9	Same direction left turn
548	0.6	10	Same direction both left turn
7948	8.2	11	Straight movement angle
472	0.5	12	Angle meets right turn
1459	1.5	13	Angle meets left turn
2820	2.9	14	Angle meets left head-on
1	0.0	15	Opposite direction both left
24699	25.5	17	Single vehicle

Variable 24: COLLISION TYPE (Continued)

1999	Prcnt	Code	Value and Description
15589	16.1	88	Other
8895	9.2	99	Unknown

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

MAARS Variable - FIX_OBJ

1999	Prcnt	Code	Value and Description
71357	73.6	0	Not applicable
383	0.4	1	Bridge - overpass
748	0.8	2	Building
2284	2.4	3	Culvert - ditch
4890	5.0	4	Curb
4540	4.7	5	Guardrail - barrier
1472	1.5	6	Embankment
1094	1.1	7	Fence
1626	1.7	8	Light support pole
1482	1.5	9	Sign support pole
2764	2.8	10	Other pole
3196	3.3	11	Tree - shrubbery
84	0.1	12	Construction barrier
50	0.1	13	Crash attenuator
788	0.8	88	Other
251	0.3	99	Unknown

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

MAARS Variable - EVENT_ONE

1999	Prcnt	Code	Value and Description
520	0.5	0	Not applicable
56036	57.8	1	Other vehicle
11744	12.1	2	Parked vehicle
2947	3.0	3	Pedestrian
1048	1.1	4	Bicycle
39	0.0	5	Other pedalcycle
68	0.1	6	Other conveyance
57	0.1	7	Railway train
1364	1.4	8	Animal
17076	17.6	9	Fixed object
1074	1.1	10	Other object
802	0.8	11	Overturn
61	0.1	12	Spilled cargo
72	0.1	13	Jackknife

Variable 26: FIRST HARMFUL EVENT (Continued)

1999	Prcnt	Code	Value and Description
39	0.0	14	Units separated
443	0.5	15	Other non-collision
720	0.7	16	Off road
9	0.0	17	Downhill runaway
295	0.3	18	Explosion or fire
1412	1.5	19	Backing
772	0.8	20	U-turn
73	0.1	88	Other
338	0.3	99	Unknown

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

MAARS Variable - EVENT_TWO

1999	Prcnt	Code	Value and Description
45263	46.7	0	Not applicable
8424	8.7	1	Other vehicle
2404	2.5	2	Parked vehicle
453	0.5	3	Pedestrian
179	0.2	4	Bicycle
34	0.0	5	Other pedalcycle
83	0.1	6	Other conveyance
33	0.0	7	Railway train
66	0.1	8	Animal
8795	9.1	9	Fixed object
667	0.7	10	Other object
1910	2.0	11	Overturn
50	0.1	12	Spilled cargo
52	0.1	13	Jackknife
98	0.1	14	Units separated
155	0.2	15	Other non-collision
784	0.8	16	Off road
14	0.0	17	Downhill runaway
56	0.1	18	Explosion or fire
100	0.1	88	Other
27389	28.2	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.

1999	Prcnt	Code	Value and Description
58433	60.2	1	No injury
15912	16.4	2	Possible injury
15046	15.5	3	Injury
7063	7.3	4	Disabling injury
555	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.

1999	Prcnt	Code	Value and Description
58709	60.5	0	Zero injured persons
25318	26.1	1	One injured person
8222	8.5	2	Two injured persons
2708	2.8	3	Three injured persons
1182	1.2	4	Four injured persons
494	0.5	5	Five injured persons
187	0.2	6	Six injured persons
89	0.1	7	Seven injured persons
39	0.0	8	Eight injured persons
		-	
1	0.0	41	Forty-one 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.

1999	Prcnt	Code	Value and Description
96454	99.4	0	Zero fatally injured persons
523	0.5	1	One fatally injured person
25	0.0	2	Two fatally injured persons
3	0.0	3	Three fatally injured persons
4	0.0	4	Four fatally injured persons

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

Derived by UMTRI from nonmotorist records in crash.

1999	Prcnt	Code	Value and Description
92612	95.5	0	Zero nonmotorists
4233	4.4	1	One nonmotorist
139	0.1	2	Two nonmotorists
18	0.0	3	Three nonmotorists
4	0.0	4	Four nonmotorists
1	0.0	5	Five nonmotorists
1	0.0	7	Seven nonmotorists
1	0.0	13	Thirteen nonmotorists

The VEHICLE Variables

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

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

MAARS Variable - VEHICLE_ID
Vehicle number from driver record.

1999	Prcnt	Code	Value and Description
97009	53.6	1	Vehicle 1
		-	
1	0.0	11	Vehicle 11

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

MAARS Variable - VEH_MAKE

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

MAARS Variable - VEH_MODEL

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

MAARS Variable - VEH_YEAR
Last 2 digits of Model Years. Code 42 assigned by UMTRI for missing data.

1999	Prcnt	Code	Value and Description
905	0.5	0	2000 or 1900
76	0.0	1	1901
		-	
1	0.0	41	1941
11196	6.2	42	Unknown or 1942
		-	

Variable 104:VEHICLE YEAR (Continued)

	1999 Prcnt	Code	Value and Description
13863	7.7	96	1996
14484	8.0	97	1997
13905	7.7	98	1998
11429	6.3	99	1999

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

MAARS Variable - BODY_TYPE

	1999 Prcnt	Code	Value and Description
3	0.0	0	Not applicable
1099	0.6	1	Motorcycle
111596	61.6	2	Automobile
4504	2.5	3	Station wagon
62	0.0	4	Limousine
4118	2.3	5	Single truck (2 axles)
1074	0.6	6	Single truck (3 axles)
2971	1.6	7	Truck-tractor (cab)
11912	6.6	8	Recreational vehicle
86	0.0	9	Farm vehicle
1508	0.8	10	Transit bus
64	0.0	11	Cross country bus
1263	0.7	12	School bus
199	0.1	13	Ambulance/emergency
135	0.1	14	Ambulance/non-emergency
221	0.1	15	Fire vehicle/emergency
119	0.1	16	Fire vehicle/non-emergency
614	0.3	17	Police vehicle/emergency
946	0.5	18	Police vehicle/non-emergency
88	0.0	19	Moped
17536	9.7	20	Pickup truck
13695	7.6	21	Van
255	0.1	88	Other
6956	3.8	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

	1999 Prcnt	Code	Value and Description
			UNITED STATES
92	0.1	1	(AL) Alabama
12	0.0	2	(AK) Alaska

Variable 106:REGISTRATION STATE (Continued)

1999	Prcnt	Code	Value and Description
50	0.0	4	(AZ) Arizona
15	0.0	5	(AR) Arkansas
188	0.1	6	(CA) California
46	0.0	8	(CO) Colorado
145	0.1	9	(CT) Connecticut
1406	0.8	10	(DE) Delaware
2991	1.7	11	(DC) District of Columbia
722	0.4	12	(FL) Florida
256	0.1	13	(GA) Georgia
11	0.0	15	(HI) Hawaii
10	0.0	16	(ID) Idaho
327	0.2	17	(IL) Illinois
146	0.1	18	(IN) Indiana
54	0.0	19	(IA) Iowa
21	0.0	20	(KS) Kansas
39	0.0	21	(KY) Kentucky
47	0.0	22	(LA) Louisiana
65	0.0	23	(ME) Maine
144639	79.9	24	(MD) Maryland
175	0.1	25	(MA) Massachusetts
141	0.1	26	(MI) Michigan
43	0.0	27	(MN) Minnesota
46	0.0	28	(MS) Mississippi
20	0.0	29	(MO) Missouri
14	0.0	30	(MT) Montana
47	0.0	31	(NE) Nebraska
23	0.0	32	(NV) Nevada
55	0.0	33	(NH) New Hampshire
920	0.5	34	(NJ) New Jersey
33	0.0	35	(NM) New Mexico
880	0.5	36	(NY) New York
721	0.4	37	(NC) North Carolina
118	0.1	38	(ND) North Dakota
336	0.2	39	(OH) Ohio
273	0.2	40	(OK) Oklahoma
39	0.0	41	(OR) Oregon
3687	2.0	42	(PA) Pennsylvania
25	0.0	44	(RI) Rhode Island
198	0.1	45	(SC) South Carolina
8	0.0	46	(SD) South Dakota
255	0.1	47	(TN) Tennessee
279	0.2	48	(TX) Texas
15	0.0	49	(UT) Utah
31	0.0	50	(VT) Vermont
5669	3.1	51	(VA) Virginia
40	0.0	53	(WA) Washington
954	0.5	54	(WV) West Virginia
62	0.0	55	(WI) Wisconsin
7	0.0	56	(WY) Wyoming
US TERRITORY			
1	0.0	72	(PR) Puerto Rico

Variable 106:REGISTRATION STATE (Continued)

1999	Prcnt	Code	Value and Description
4	0.0	78	(VI) Virgin Islands
			CANADA
			MEXICO
			INTERNATIONAL
			UNKNOWN
14623	8.1	9999	(UK) Unknown

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

MAARS Variable - COMMERCIAL

1999	Prcnt	Code	Value and Description
4540	2.5	1	Yes
176484	97.5	2	No

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

MAARS Variable - CV_BODY_TYPE

1999	Prcnt	Code	Value and Description
58604	32.4	0	Not applicable
227	0.1	1	Bus
320	0.2	2	Van / enclosed box
1762	1.0	3	Truck / tractor
61	0.0	4	Cargo tank
126	0.1	5	Flatbed
271	0.1	6	Dump
77	0.0	7	Concrete mixer
33	0.0	8	Auto transporter
89	0.0	9	Garbage / refuse
10	0.0	88	Other
119444	66.0	99	Unknown

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

MAARS Variable - GVW
Gross Vehicle Weight Rating of Commercial Vehicle

1999	Prcnt	Code	Value and Description
1	0.0	1	
1	0.0	2500	
1	0.0	3500	
1	0.0	7000	
1	0.0	12000	12,000 lbs.
		-	
1	0.0	188000	188,000 lbs.
1	0.0	995000	
180754	99.9	999999	Unknown

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

MAARS Variable - NUM_AXLES
Number of Axles on Commercial Vehicle

1999	Prcnt	Code	Value and Description
0	0.0	0	No axles
3	0.0	1	One axle
32	0.0	2	Two axles
43	0.0	3	Three axles
13	0.0	4	Four axles
155	0.1	5	Five axles
4	0.0	6	Six axles
2	0.0	7	Seven axles
1	0.0	8	Eight axles
1	0.0	16	Sixteen axles
1	0.0	45	
180769	99.9	99	Unknown

<u>Variable 111</u>	<u>ICC NUMBER</u>	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	HAZARDOUS MATERIAL SPILL	Width: 1	Type: Numeric
		Dec: None	Miss: 0

MAARS Variable - HAZMAT_SPILL

1999	Prcnt	Code	Value and Description
31	0.0	1	Yes
180993	100.0	2	No

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

MAARS Variable - HZM_NUM

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

Derived by UMTRI from person records for vehicle

1999	Prcnt	Code	Value and Description
137424	75.9	1	No injury
19806	10.9	2	Possible injury
16088	8.9	3	Injured
7265	4.0	4	Disabling injury
441	0.2	5	Fatal

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

Derived by UMTRI from person records for vehicle

1999	Prcnt	Code	Value and Description
141637	78.2	1	
		-	Number of occupants
1	0.0	66	

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

Derived by UMTRI from person records for vehicle

1999	Prcnt	Code	Value and Description
137718	76.1	0	Zero injured
34781	19.2	1	
		-	Number injured in vehicle
1	0.0	38	

<u>Variable 118</u>	<u>NUMBER KILLED IN VEH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Derived by UMTRI from person records for vehicle

1999	Prcnt	Code	Value and Description
180583	99.8	0	Zero killed
417	0.2	1	One killed
18	0.0	2	Two killed
4	0.0	3	Three killed
2	0.0	4	Four killed

<u>Variable 119</u>	<u>DRIVERLESS VEHICLE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

MAARS Variable - DRIVERLESS

1999	Prcnt	Code	Value and Description
2474	1.4	1	Yes
178550	98.6	2	No

<u>Variable 120</u>	<u>PARKED VEHICLE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 0

MAARS Variable - PARKED

1999	Prcnt	Code	Value and Description
13459	7.4	1	Yes
167565	92.6	2	No

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

MAARS Variable - FIRE

1999 Prcnt		Code	Value and Description
223	0.1	1	Yes
180801	99.9	2	No

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

MAARS Variable - HIT_AND_RUN

1999 Prcnt		Code	Value and Description
16760	9.3	1	Yes
164264	90.7	2	No

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

MAARS Variable - SPEED_LIMIT

1999 Prcnt		Code	Value and Description
8905	4.9	0	Not applicable
566	0.3	5	5 mph
1041	0.6	10	10 mph
3147	1.7	15	15 mph
1028	0.6	20	20 mph
30687	17.0	25	25 mph
26802	14.8	30	30 mph
28329	15.6	35	35 mph
21593	11.9	40	40 mph
10446	5.8	45	45 mph
11004	6.1	50	50 mph
18277	10.1	55	55 mph
446	0.2	60	60 mph
4254	2.3	65	65 mph
2	0.0	70	70 mph
14497	8.0	99	Unknown

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

MAARS Variable - IMPACT_1ST

1999	Prcnt	Code	Value and Description
1687	0.9	0	Not applicable
37174	20.5	1	Front left
17999	9.9	2	Front right
15931	8.8	3	Front right corner
6665	3.7	4	Right side front quarter
4914	2.7	5	Right side 2nd quarter
3155	1.7	6	Right side 3rd quarter
3801	2.1	7	Right side rear quarter
3704	2.0	8	Rear right corner
17543	9.7	9	Rear right
10672	5.9	10	Rear left
4134	2.3	11	Rear left corner
4649	2.6	12	Left side rear quarter
3547	2.0	13	Left side 3rd quarter
5935	3.3	14	Left side 2nd quarter
7551	4.2	15	Left side front quarter
13119	7.2	16	Front left quarter
975	0.5	17	Hood
346	0.2	18	Roof / top
372	0.2	19	Trunk
163	0.1	20	Windshield
60	0.0	21	Windows
1097	0.6	22	Underside
752	0.4	23	Overturn
553	0.3	88	Other
14526	8.0	99	Unknown

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

MAARS Variable - IMPACT_MAIN

1999	Prcnt	Code	Value and Description
2515	1.4	0	Not applicable
27053	14.9	1	Front left
24642	13.6	2	Front right
14098	7.8	3	Front right corner
7254	4.0	4	Right side front quarter
5045	2.8	5	Right side 2nd quarter
3480	1.9	6	Right side 3rd quarter
4045	2.2	7	Right side rear quarter
3556	2.0	8	Rear right corner
13360	7.4	9	Rear right
14322	7.9	10	Rear left
4056	2.2	11	Rear left corner
4489	2.5	12	Left side rear quarter

Variable 125:MAIN IMPACT AREA (Continued)

1999	Prcnt	Code	Value and Description
3595	2.0	13	Left side 3rd quarter
6132	3.4	14	Left side 2nd quarter
7831	4.3	15	Left side front quarter
12906	7.1	16	Front left quarter
1926	1.1	17	Hood
766	0.4	18	Roof / top
596	0.3	19	Trunk
348	0.2	20	Windshield
80	0.0	21	Windows
1235	0.7	22	Underside
1642	0.9	23	Overturn
552	0.3	88	Other
15500	8.6	99	Unknown

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

MAARS Variable - AREA_DAMAGED_ONE

1999	Prcnt	Code	Value and Description
6581	3.6	0	Not applicable
44093	24.4	1	Front left
13618	7.5	2	Front right
12398	6.8	3	Front right corner
6236	3.4	4	Right side front quarter
4152	2.3	5	Right side 2nd quarter
2983	1.6	6	Right side 3rd quarter
3774	2.1	7	Right side rear quarter
4992	2.8	8	Rear right corner
15411	8.5	9	Rear right
7239	4.0	10	Rear left
4267	2.4	11	Rear left corner
4768	2.6	12	Left side rear quarter
3885	2.1	13	Left side 3rd quarter
5266	2.9	14	Left side 2nd quarter
7636	4.2	15	Left side front quarter
10776	6.0	16	Front left quarter
1342	0.7	17	Hood
329	0.2	18	Roof / top
323	0.2	19	Trunk
180	0.1	20	Windshield
59	0.0	21	Windows
961	0.5	22	Underside
1849	1.0	23	Overturn
455	0.3	88	Other
17451	9.6	99	Unknown

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

MAARS Variable - AREA_DAMAGED_TWO

1999	Prcnt	Code	Value and Description
17702	9.8	0	Not applicable
8137	4.5	1	Front left
34124	18.9	2	Front right
9295	5.1	3	Front right corner
6627	3.7	4	Right side front quarter
3881	2.1	5	Right side 2nd quarter
3353	1.9	6	Right side 3rd quarter
2918	1.6	7	Right side rear quarter
2719	1.5	8	Rear right corner
7072	3.9	9	Rear right
13168	7.3	10	Rear left
2961	1.6	11	Rear left corner
3063	1.7	12	Left side rear quarter
3446	1.9	13	Left side 3rd quarter
4490	2.5	14	Left side 2nd quarter
7255	4.0	15	Left side front quarter
8129	4.5	16	Front left quarter
1767	1.0	17	Hood
540	0.3	18	Roof / top
344	0.2	19	Trunk
282	0.2	20	Windshield
101	0.1	21	Windows
712	0.4	22	Underside
728	0.4	23	Overturn
58	0.0	88	Other
38152	21.1	99	Unknown

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

MAARS Variable - AREA_DAMAGED_THREE

1999	Prcnt	Code	Value and Description
32491	17.9	0	Not applicable
4866	2.7	1	Front left
5370	3.0	2	Front right
12020	6.6	3	Front right corner
5844	3.2	4	Right side front quarter
2515	1.4	5	Right side 2nd quarter
2728	1.5	6	Right side 3rd quarter
2885	1.6	7	Right side rear quarter
2584	1.4	8	Rear right corner
2456	1.4	9	Rear right
4470	2.5	10	Rear left
3299	1.8	11	Rear left corner
2805	1.5	12	Left side rear quarter

Variable 128:AREA DAMAGE 3 (Continued)

1999	Prcnt	Code	Value and Description
2356	1.3	13	Left side 3rd quarter
2686	1.5	14	Left side 2nd quarter
4923	2.7	15	Left side front quarter
8310	4.6	16	Front left quarter
11361	6.3	17	Hood
890	0.5	18	Roof / top
2418	1.3	19	Trunk
531	0.3	20	Windshield
241	0.1	21	Windows
1647	0.9	22	Underside
950	0.5	23	Overturn
182	0.1	88	Other
60196	33.3	99	Unknown

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

MAARS Variable - DAMAGE

1999	Prcnt	Code	Value and Description
2145	1.2	0	Not applicable
6929	3.8	1	No damage
50353	27.8	2	Superficial damage
40885	22.6	3	Functional damage
59288	32.8	4	Disabling damage
6950	3.8	5	Destroyed
29	0.0	8	Other
14445	8.0	9	Unknown

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

MAARS Variable - MOVEMENT

1999	Prcnt	Code	Value and Description
2	0.0	0	Not applicable
62922	34.8	1	Moving constant speed
7268	4.0	2	Accelerating
23256	12.8	3	Slowing or stopping
4528	2.5	4	Starting from lane
1217	0.7	5	Starting from parked
15675	8.7	6	Stopped in traffic lane
3140	1.7	7	Changing lanes
758	0.4	8	Passing
536	0.3	9	Parking
14023	7.7	10	Parked

Variable 130:MOVEMENT (Continued)

1999	Prcnt	Code	Value and Description
3012	1.7	11	Backing
14079	7.8	12	Making left turn
3566	2.0	13	Making right turn
55	0.0	14	Right-turn-on-red
896	0.5	15	Making U-turn
7384	4.1	16	Skidding
319	0.2	17	Driverless moving vehicle
7	0.0	88	Other
18381	10.2	99	Missing data

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

MAARS Variable - CONTRIB_CIRCUM1

1999	Prcnt	Code	Value and Description
			Driver, Pedestrian, Cyclist: Condition or Actions
92149	50.9	0	Not applicable
1000	0.6	1	Under influence of drugs
5015	2.8	2	Under influence of alcohol
216	0.1	3	Under influence of medication
190	0.1	4	Under combined influence
576	0.3	5	Physical / mental difficulty
1912	1.1	6	Fell asleep, fainted, etc.
43538	24.1	7	Failed to give full time and attention
180	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
8941	4.9	11	Failed to yield right-of-way
841	0.5	12	Failed to obey stop sign
1888	1.0	13	Failed to obey traffic signal
338	0.2	14	Failed to obey other traffic control
1127	0.6	15	Failed to keep right of center
24	0.0	16	Failed to stop for school bus
173	0.1	17	Wrong way on one-way
1120	0.6	18	Exceeded speed limit
0	0.0	19	Operator using cellular phone
0	0.0	20	Stopping in lane / roadway
5747	3.2	21	Too fast for conditions
2508	1.4	22	Followed too closely
1320	0.7	23	Improper turn
1346	0.7	24	Improper lane change
1478	0.8	25	Improper backing
570	0.3	26	Improper passing
100	0.1	27	Improper signal
441	0.2	28	Improper parking
81	0.0	29	Interference / obstruction by passenger

Variable 131: CONTRIBUTING CIRCUMSTAN1 (Continued)

1999	Prcnt	Code	Value and Description
Pedestrian, Cyclist: Actions Only			
117	0.1	31	Illegally in roadway
18	0.0	32	Bicycle violation
12	0.0	37	Clothing not visible
Environment Effect			
40	0.0	41	Smog, smoke
519	0.3	42	Sleet, hail, freezing rain
13	0.0	43	Blowing sand, soil, dirt
38	0.0	44	Severe crosswinds
1790	1.0	45	Rain, snow
1117	0.6	46	Animal
438	0.2	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
352	0.2	51	Brakes
251	0.1	52	Tires
101	0.1	53	Steering
58	0.0	54	Lights
9	0.0	55	Windows / windshield
73	0.0	56	Wheel(s)
66	0.0	57	Trailer coupling
128	0.1	58	Cargo
0	0.0	59	Engine trouble
Road Condition			
1038	0.6	61	Wet
499	0.3	62	Icy or snow-covered
347	0.2	63	Debris or obstruction
64	0.0	64	Ruts, holes, bumps
93	0.1	65	Road under construction or maintenance
102	0.1	66	Traffic control device inoperative
53	0.0	67	Shoulder low, soft, high
217	0.1	88	Other
652	0.4	99	Missing data

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

MAARS Variable - CONTRIB_CIRCUM2

1999	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
126406	69.8	0	Not applicable
193	0.1	1	Under influence of drugs
567	0.3	2	Under influence of alcohol
85	0.0	3	Under influence of medication
40	0.0	4	Under combined influence
142	0.1	5	Physical / mental difficulty

Variable 132:CONTRIBUTING CIRCUMSTAN2 (Continued)

1999	Prcnt	Code	Value and Description
578	0.3	6	Fell asleep, fainted, etc.
12848	7.1	7	Failed to give full time and attention
384	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
8056	4.5	11	Failed to yield right-of-way
632	0.3	12	Failed to obey stop sign
1603	0.9	13	Failed to obey traffic signal
468	0.3	14	Failed to obey other traffic control
1473	0.8	15	Failed to keep right of center
21	0.0	16	Failed to stop for school bus
114	0.1	17	Wrong way on one-way
1529	0.8	18	Exceeded speed limit
0	0.0	19	Operator using cellular phone
0	0.0	20	Stopping in lane / roadway
7711	4.3	21	Too fast for conditions
4738	2.6	22	Followed too closely
1346	0.7	23	Improper turn
1753	1.0	24	Improper lane change
1197	0.7	25	Improper backing
427	0.2	26	Improper passing
45	0.0	27	Improper signal
175	0.1	28	Improper parking
78	0.0	29	Interference / obstruction by passenger
			Pedestrian, Cyclist: Actions Only
29	0.0	31	Illegally in roadway
6	0.0	32	Bicycle violation
19	0.0	37	Clothing not visible
			Environment Effect
46	0.0	41	Smog, smoke
481	0.3	42	Sleet, hail, freezing rain
8	0.0	43	Blowing sand, soil, dirt
47	0.0	44	Severe crosswinds
2693	1.5	45	Rain, snow
264	0.1	46	Animal
589	0.3	47	Vision obstruction (including blinded by sun / lights)
			Vehicle Defect
219	0.1	51	Brakes
107	0.1	52	Tires
74	0.0	53	Steering
29	0.0	54	Lights
19	0.0	55	Windows / windshield
33	0.0	56	Wheel(s)
14	0.0	57	Trailer coupling
72	0.0	58	Cargo
0	0.0	59	Engine trouble
			Road Condition
1965	1.1	61	Wet

Variable 132:CONTRIBUTING CIRCUMSTAN2 (Continued)

1999	Prcnt	Code	Value and Description
791	0.4	62	Icy or snow-covered
149	0.1	63	Debris or obstruction
42	0.0	64	Ruts, holes, bumps
72	0.0	65	Road under construction or maintenance
57	0.0	66	Traffic control device inoperative
80	0.0	67	Shoulder low, soft, high
85	0.0	88	Other
425	0.2	99	Missing data

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

MAARS Variable - CONTRIB_CIRCUM3

1999	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
160844	88.9	0	Not applicable
117	0.1	1	Under influence of drugs
188	0.1	2	Under influence of alcohol
26	0.0	3	Under influence of medication
22	0.0	4	Under combined influence
57	0.0	5	Physical / mental difficulty
89	0.0	6	Fell asleep, fainted, etc.
2579	1.4	7	Failed to give full time and attention
232	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
736	0.4	11	Failed to yield right-of-way
321	0.2	12	Failed to obey stop sign
572	0.3	13	Failed to obey traffic signal
260	0.1	14	Failed to obey other traffic control
669	0.4	15	Failed to keep right of center
8	0.0	16	Failed to stop for school bus
72	0.0	17	Wrong way on one-way
649	0.4	18	Exceeded speed limit
0	0.0	19	Operator using cellular phone
0	0.0	20	Stopping in lane / roadway
2198	1.2	21	Too fast for conditions
1599	0.9	22	Followed too closely
1100	0.6	23	Improper turn
898	0.5	24	Improper lane change
232	0.1	25	Improper backing
247	0.1	26	Improper passing
27	0.0	27	Improper signal
72	0.0	28	Improper parking
45	0.0	29	Interference / obstruction by passenger
Pedestrian, Cyclist: Actions Only			
13	0.0	31	Illegally in roadway

Variable 133:CONTRIBUTING CIRCUMSTAN3 (Continued)

1999	Prcnt	Code	Value and Description
2	0.0	32	Bicycle violation
5	0.0	37	Clothing not visible
Environment Effect			
58	0.0	41	Smog, smoke
343	0.2	42	Sleet, hail, freezing rain
4	0.0	43	Blowing sand, soil, dirt
20	0.0	44	Severe crosswinds
2181	1.2	45	Rain, snow
111	0.1	46	Animal
427	0.2	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
163	0.1	51	Brakes
118	0.1	52	Tires
30	0.0	53	Steering
25	0.0	54	Lights
11	0.0	55	Windows / windshield
27	0.0	56	Wheel(s)
7	0.0	57	Trailer coupling
16	0.0	58	Cargo
0	0.0	59	Engine trouble
Road Condition			
2264	1.3	61	Wet
641	0.4	62	Icy or snow-covered
93	0.1	63	Debris or obstruction
34	0.0	64	Ruts, holes, bumps
67	0.0	65	Road under construction or maintenance
36	0.0	66	Traffic control device inoperative
55	0.0	67	Shoulder low, soft, high
39	0.0	88	Other
375	0.2	99	Missing data

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

MAARS Variable - CONTRIB_CIRCUM4

1999	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
173190	95.7	0	Not applicable
132	0.1	1	Under influence of drugs
123	0.1	2	Under influence of alcohol
45	0.0	3	Under influence of medication
79	0.0	4	Under combined influence
25	0.0	5	Physical / mental difficulty
40	0.0	6	Fell asleep, fainted, etc.
590	0.3	7	Failed to give full time and attention

Variable 134:CONTRIBUTING CIRCUMSTAN4 (Continued)

1999	Prcnt	Code	Value and Description
85	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
129	0.1	11	Failed to yield right-of-way
36	0.0	12	Failed to obey stop sign
75	0.0	13	Failed to obey traffic signal
58	0.0	14	Failed to obey other traffic control
138	0.1	15	Failed to keep right of center
2	0.0	16	Failed to stop for school bus
19	0.0	17	Wrong way on one-way
184	0.1	18	Exceeded speed limit
0	0.0	19	Operator using cellular phone
0	0.0	20	Stopping in lane / roadway
507	0.3	21	Too fast for conditions
200	0.1	22	Followed too closely
247	0.1	23	Improper turn
263	0.1	24	Improper lane change
47	0.0	25	Improper backing
103	0.1	26	Improper passing
15	0.0	27	Improper signal
24	0.0	28	Improper parking
4	0.0	29	Interference / obstruction by passenger
Pedestrian, Cyclist: Actions Only			
6	0.0	31	Illegally in roadway
1	0.0	32	Bicycle violation
4	0.0	37	Clothing not visible
Environment Effect			
12	0.0	41	Smog, smoke
57	0.0	42	Sleet, hail, freezing rain
0	0.0	43	Blowing sand, soil, dirt
11	0.0	44	Severe crosswinds
456	0.3	45	Rain, snow
37	0.0	46	Animal
87	0.0	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
48	0.0	51	Brakes
43	0.0	52	Tires
12	0.0	53	Steering
9	0.0	54	Lights
7	0.0	55	Windows / windshield
1	0.0	56	Wheel(s)
2	0.0	57	Trailer coupling
12	0.0	58	Cargo
0	0.0	59	Engine trouble
Road Condition			
2620	1.4	61	Wet
613	0.3	62	Icy or snow-covered
63	0.0	63	Debris or obstruction

Variable 134:CONTRIBUTING CIRCUMSTAN4 (Continued)

1999	Prcnt	Code	Value and Description
27	0.0	64	Ruts, holes, bumps
50	0.0	65	Road under construction or maintenance
20	0.0	66	Traffic control device inoperative
50	0.0	67	Shoulder low, soft, high
39	0.0	88	Other
377	0.2	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.

1999	Prcnt	Code	Value and Description
14501	8.0	0	Not applicable
45760	25.3	1	North
39910	22.0	2	South
30219	16.7	3	East
28594	15.8	4	West
22040	12.2	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.

1999	Prcnt	Code	Value and Description
14506	8.0	0	Not applicable
43209	23.9	1	North
40135	22.2	2	South
30879	17.1	3	East
30247	16.7	4	West
22048	12.2	9	Unknown

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

MAARS Variable - TOWED_ONE

1999	Prcnt	Code	Value and Description
51805	28.6	0	Not applicable
963	0.5	1	One semi trailer
141	0.1	2	One semi trailer + one full trailer
608	0.3	3	One full trailer
22	0.0	4	Two full trailers
8	0.0	5	Three trailers
1160	0.6	6	Automobile
254	0.1	7	Utility trailer
38	0.0	8	Boat trailer
15	0.0	9	Camper
10	0.0	10	Travel / home trailer
2	0.0	11	Mobile home
15	0.0	12	Farm equipment
8	0.0	88	Other
125975	69.6	99	Unknown

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

MAARS Variable - TOWED_TWO

1999	Prcnt	Code	Value and Description
58241	32.2	0	Not applicable
157	0.1	1	One semi trailer
65	0.0	2	One semi trailer + one full trailer
106	0.1	3	One full trailer
4	0.0	4	Two full trailers
6	0.0	5	Three trailers
60	0.0	6	Automobile
82	0.0	7	Utility trailer
15	0.0	8	Boat trailer
2	0.0	9	Camper
7	0.0	10	Travel / home trailer
1	0.0	11	Mobile home
7	0.0	12	Farm equipment
2	0.0	88	Other
122269	67.5	99	Unknown

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

MAARS Variable - TOWED_THREE

1999	Prcnt	Code	Value and Description
54779	30.3	0	Not applicable
101	0.1	1	One semi trailer
23	0.0	2	One semi trailer + One full trailer
70	0.0	3	One full trailer
5	0.0	4	Two full trailers
5	0.0	5	Three trailers
270	0.1	6	Automobile
23	0.0	7	Utility trailer
5	0.0	8	Boat trailer
8	0.0	9	Camper
8	0.0	10	Travel / home trailer
1	0.0	11	Mobile home
2	0.0	12	Farm equipment
1	0.0	88	Other
125723	69.5	99	Unknown

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

MAARS Variable - CONDITION

1999	Prcnt	Code	Value and Description
3230	1.8	0	Not applicable
134767	74.4	1	Apparently normal
6313	3.5	2	Had been drinking
232	0.1	3	Using drugs
171	0.1	4	Physical defects
187	0.1	5	Other handicaps
290	0.2	6	Ill
453	0.3	7	Fatigued
588	0.3	8	Apparently asleep
61	0.0	88	Other
34732	19.2	99	Unknown

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

MAARS Variable - FAULT

1999	Prcnt	Code	Value and Description
74372	41.1	1	Yes
71808	39.7	2	No
34844	19.2	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 -

1999 Prcnt		Code Value and Description
4540	2.5	1 Yes
176484	97.5	2 No

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

MAARS Variable - AGE

1999 Prcnt		Code Value and Description
28676	15.8	0 Less than 1 year old
10	0.0	1 1 year old
		-
2	0.0	99 99 years old

Variable 145	DRIVER DOB	Width: 9	Type: Alphabetic
		Dec: None	Miss: None

MAARS Variable - DRIVER_DOB

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

MAARS Variable - SEX_CODE

1999 Prcnt		Code Value and Description
95955	53.0	1 Male
62024	34.3	2 Female
23045	12.7	9 Unknown

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

MAARS Variable - SAF_EQUIP

1999	Prcnt	Code	Value and Description
3211	1.8	0	Not applicable
6321	3.5	1	None
2427	1.3	11	Lap belt only
1286	0.7	12	Shoulder belt only
117140	64.7	13	Shoulder / lap belt(s)
0	0.0	14	Child / youth restraint
302	0.2	21	MC / bike helmet
16	0.0	22	MC / bike eye shield only
446	0.2	23	MC / bike helmet and shield
307	0.2	31	Air bag only
10623	5.9	32	Air bag and belt(s)
36	0.0	88	Other
38909	21.5	99	Unknown

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

MAARS Variable - EQUIP_PROB

1999	Prcnt	Code	Value and Description
6087	3.4	0	Not applicable
135626	74.9	1	No misuse
49	0.0	2	Belts / anchors broke
706	0.4	3	Belts misused
737	0.4	4	Air bag failed
57	0.0	8	Other
37762	20.9	9	Unknown

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

MAARS Variable - EJECTION

1999	Prcnt	Code	Value and Description
4733	2.6	0	Not applicable
141266	78.0	1	Not ejected or trapped
706	0.4	2	Fully ejected
156	0.1	3	Partially ejected
595	0.3	4	Trapped
12	0.0	8	Other
33556	18.5	9	Unknown

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

MAARS Variable - INJ_SEVER

	1999 Prcnt	Code	Value and Description
142706	78.8	1	No injury
17703	9.8	2	Possible injury
13988	7.7	3	Injury
6264	3.5	4	Disabling injury
363	0.2	5	Fatal

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

MAARS Variable - ALCO_DRUG_IMPAIRED

	1999 Prcnt	Code	Value and Description
7166	4.0	1	Alcohol
184	0.1	2	Alcohol and drug
1256	0.7	3	Drug
172418	95.2	4	Not impaired

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

MAARS Variable - SUBST_USE

	1999 Prcnt	Code	Value and Description
8996	5.0	0	Not applicable
128575	71.0	1	None detected
4318	2.4	11	Alcohol present
82	0.0	12	Illegal drug present
105	0.1	13	Medication present
54	0.0	14	Combined substances present
1598	0.9	21	Alcohol contributed
42	0.0	22	Illegal drug contributed
106	0.1	23	Medication contributed
56	0.0	24	Combination contributed
32	0.0	88	Other
37060	20.5	99	Unknown

<u>Variable 153</u>	<u>DRIVER TESTS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

MAARS Variable - TESTS

1999	Prcnt	Code	Value and Description
87406	48.3	0	Not applicable
2892	1.6	1	Test refused
888	0.5	2	Positive preliminary test
2884	1.6	3	Evidence test given
138	0.1	8	Other
86816	48.0	9	Unknown

<u>Variable 154</u>	<u>DRIVER BAC</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

MAARS Variable - BAC

Enter the BAC result value following the decimal point

1999	Prcnt	Code	Value and Description
177903	98.3	0	
126	0.1	1	
		-	BAC test results
48	0.0	88	

<u>Variable 155</u>	<u>RESIDENCE STATE</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

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

1999	Prcnt	Code	Value and Description
UNITED STATES			
104	0.1	1	(AL) Alabama
17	0.0	2	(AK) Alaska
78	0.0	4	(AZ) Arizona
35	0.0	5	(AR) Arkansas
303	0.2	6	(CA) California
81	0.0	8	(CO) Colorado
140	0.1	9	(CT) Connecticut
1138	0.6	10	(DE) Delaware
3149	1.7	11	(DC) District of Columbia
808	0.4	12	(FL) Florida
252	0.1	13	(GA) Georgia
17	0.0	15	(HI) Hawaii
14	0.0	16	(ID) Idaho
168	0.1	17	(IL) Illinois
97	0.1	18	(IN) Indiana

Variable 155:RESIDENCE STATE (Continued)

1999	Prcnt	Code	Value and Description
38	0.0	19	(IA) Iowa
31	0.0	20	(KS) Kansas
70	0.0	21	(KY) Kentucky
51	0.0	22	(LA) Louisiana
37	0.0	23	(ME) Maine
130351	72.0	24	(MD) Maryland
177	0.1	25	(MA) Massachusetts
131	0.1	26	(MI) Michigan
28	0.0	27	(MN) Minnesota
63	0.0	28	(MS) Mississippi
30	0.0	29	(MO) Missouri
14	0.0	30	(MT) Montana
22	0.0	31	(NE) Nebraska
37	0.0	32	(NV) Nevada
43	0.0	33	(NH) New Hampshire
740	0.4	34	(NJ) New Jersey
28	0.0	35	(NM) New Mexico
928	0.5	36	(NY) New York
568	0.3	37	(NC) North Carolina
59	0.0	38	(ND) North Dakota
280	0.2	39	(OH) Ohio
58	0.0	40	(OK) Oklahoma
33	0.0	41	(OR) Oregon
3487	1.9	42	(PA) Pennsylvania
28	0.0	44	(RI) Rhode Island
218	0.1	45	(SC) South Carolina
11	0.0	46	(SD) South Dakota
170	0.1	47	(TN) Tennessee
359	0.2	48	(TX) Texas
25	0.0	49	(UT) Utah
27	0.0	50	(VT) Vermont
4664	2.6	51	(VA) Virginia
61	0.0	53	(WA) Washington
913	0.5	54	(WV) West Virginia
34	0.0	55	(WI) Wisconsin
9	0.0	56	(WY) Wyoming
US TERRITORY			
6	0.0	72	(PR) Puerto Rico
6	0.0	78	(VI) Virgin Islands
CANADA			
MEXICO			
INTERNATIONAL			
UNKNOWN			
30788	17.0	9999	(UK) Unknown

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

MAARS Variable - ZIP_CODE

The VEHICLE VINDICATOR Variables

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

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

VINDICATOR Variable - ErrorCode

1999	Prcnt	Code	Value and Description
4088	2.3	-1	Invalid engine code
123530	68.2	0	No errors
11139	6.2	1	VIN has zero length
158	0.1	2	VIN contains improper characters
146	0.1	3	VIN length less than 7 characters
22142	12.2	4	VIN does not match any valid pattern
135	0.1	5	Make code not valid for VIN pattern
1857	1.0	6	VIN model year / pattern conflict
938	0.5	7	Recognized VIN, inappropriate vehicle type
87	0.0	8	Recognized VIN, inappropriate vehicle make
10643	5.9	9	Series / model key not in table
1462	0.8	10	Series / model key in table, model year invalid
22	0.0	12	VIN not in U.S. standard format (gray market vehicle)
4677	2.6	99	VIN not decoded / no VIN

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

VINDICATOR Variable - CharacterSubstitution

1999	Prcnt	Code	Value and Description
153120	84.6	0	No alteration has been made
27904	15.4	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

1999	Prcnt	Code	Value and Description
41281	22.8	0	Missing data
109	0.1	1967	
		-	Model year
7781	4.3	1990	
8094	4.5	1991	1991
8289	4.6	1992	1992
9681	5.3	1993	1993
11343	6.3	1994	1994
11193	6.2	1995	1995
11715	6.5	1996	1996
11754	6.5	1997	1997
11366	6.3	1998	1998
9227	5.1	1999	1999
919	0.5	2000	2000

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

VINDICATOR Variable - MakeNumber

1999	Prcnt	Code	Value and Description
39420	21.8	0	Missing data
12926	7.1	1	Chevrolet/Geo
14281	7.9	2	Ford
4644	2.6	3	Pontiac
3541	2.0	4	Buick
2315	1.3	5	Plymouth
4162	2.3	6	Oldsmobile
4188	2.3	7	Dodge
1801	1.0	8	Volkswagen
3635	2.0	9	Mercury
1610	0.9	10	Cadillac
35	0.0	11	AMC/Eagle
1732	1.0	12	Chrysler
1318	0.7	13	Lincoln
1312	0.7	14	Opel/Isuzu
7793	4.3	15	Datsun/Nissan
12592	7.0	16	Toyota
12	0.0	17	Capri/Merkur
4051	2.2	18	Mazda
27	0.0	19	Fiat/Bertone
1266	0.7	20	Volvo
212	0.1	21	Audi
213	0.1	22	Dodge/Mitsubishi
10188	5.6	23	Honda
87	0.0	24	Porsche

Variable 160:VINDICATOR - MAKE (Continued)

1999	Prcnt	Code	Value and Description
3	0.0	25	MG
1239	0.7	26	Subaru
153	0.1	27	Chrysler/Plymouth/Mitsubishi
24	0.0	28	GMCA/Passport/Asuna
8863	4.9	29	Chevrolet/Geo Truck
2290	1.3	30	GMC Truck
13084	7.2	31	Ford Truck
5304	2.9	32	Dodge Truck
1596	0.9	33	Chrysler/Plymouth Truck
3087	1.7	34	Jeep
14	0.0	35	International
984	0.5	36	Mercedes Benz
1017	0.6	37	BMW
491	0.3	38	Renault/Eagle
265	0.1	39	Saab
11	0.0	40	Peugeot
1	0.0	41	Triumph
0	0.0	42	Ferrari
0	0.0	43	Lancia
121	0.1	44	Jaguar
5	0.0	45	Alfa Romeo
2	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
2022	1.1	51	Mitsubishi
0	0.0	52	Lotus
0	0.0	53	Yugo
1841	1.0	54	Hyundai
212	0.1	55	Suzuki
0	0.0	56	Maserati
1774	1.0	57	Acura
0	0.0	58	TVR
20	0.0	59	Sterling
83	0.0	60	Land Rover
11	0.0	61	Daihatsu
0	0.0	62	Panther
0	0.0	63	Lamborghini
2	0.0	64	Laforza
523	0.3	65	Lexus
360	0.2	66	Infiniti
1716	0.9	67	Saturn
533	0.3	68	Kia
2	0.0	69	AM General
9	0.0	70	Daewoo
0	0.0	71	GEM
0	0.0	72	Mini
0	0.0	73	Maybach
1	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)

1999 Prcnt Code Value and Description

39420	21.8	0	Make/model data missing
1120	0.6	100000	Chevrolet Unknown Series Model
28	0.0	100100	Chevrolet Nova 2D
8	0.0	100101	Chevrolet Nova 2D Nova
5	0.0	100114	Chevrolet Nova 2D Custom
3	0.0	100122	Chevrolet Nova 2D Concours
5	0.0	100206	Chevrolet Chevelle 4D Malibu
5	0.0	100238	Chevrolet Chevelle 4D Malibu Classic
194	0.1	100300	Chevrolet Monte Carlo 2D
5	0.0	100304	Chevrolet Monte Carlo 2D 300
1	0.0	100315	Chevrolet Monte Carlo 2D SS
48	0.0	100366	Chevrolet Monte Carlo 2D Z34
144	0.1	100369	Chevrolet Monte Carlo 2D LS
6	0.0	100600	Chevrolet Impala 2D
10	0.0	100614	Chevrolet Impala 2D Custom
1	0.0	100635	Chevrolet Impala 2D Sport
5	0.0	100700	Chevrolet Caprice 2D
14	0.0	100714	Chevrolet Caprice 2D Custom
14	0.0	100739	Chevrolet Caprice 2D Classic
608	0.3	100800	Chevrolet Camaro 2D
3	0.0	100836	Chevrolet Camaro 2D Type LT
13	0.0	100840	Chevrolet Camaro 2D Berlinetta
170	0.1	100845	Chevrolet Camaro 2D Z28
94	0.1	100900	Chevrolet Corvette 2D
7	0.0	100935	Chevrolet Corvette 2D Sport
1	0.0	100942	Chevrolet Corvette 2D Sting Ray
1	0.0	100948	Chevrolet Corvette 2D Collectors Edition
1	0.0	101406	Chevrolet Chevelle SW Malibu
12	0.0	101700	Chevrolet Impala SW
23	0.0	101800	Chevrolet Caprice SW
2	0.0	101826	Chevrolet Caprice SW Estate
119	0.1	101839	Chevrolet Caprice SW Classic
1	0.0	101905	Chevrolet Chevelle 2D 300 Deluxe
29	0.0	101906	Chevrolet Chevelle 2D Malibu
1	0.0	101908	Chevrolet Chevelle 2D SS 396
15	0.0	102000	Chevrolet El Camino
12	0.0	102009	Chevrolet El Camino El Camino Custom
6	0.0	102039	Chevrolet El Camino Classic
1	0.0	102100	Chevrolet Monza 2D
2	0.0	102137	Chevrolet Monza 2D 2+2
322	0.2	102200	Chevrolet Nova 4D
6	0.0	102201	Chevrolet Nova 4D Nova
2	0.0	102222	Chevrolet Nova 4D Concours
2	0.0	102300	Chevrolet Laguna 2D
63	0.0	102600	Chevrolet Impala 4D
3	0.0	102635	Chevrolet Impala 4D Sport
5	0.0	102669	Chevrolet Impala 4D LS
538	0.3	102700	Chevrolet Caprice 4D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
8	0.0	102729	Chevrolet Caprice 4D Classic LS/LTZ
3	0.0	102735	Chevrolet Caprice 4D Sport
357	0.2	102739	Chevrolet Caprice 4D Classic
16	0.0	102744	Chevrolet Caprice 4D Classic LS/Impala SS
35	0.0	102756	Chevrolet Caprice 4D Brougham
33	0.0	102767	Chevrolet Caprice 4D Classic/LTZ
168	0.1	102770	Chevrolet Caprice 4D Classic/Impala SS
24	0.0	102800	Chevrolet Chevette 2D
4	0.0	102846	Chevrolet Chevette 2D Scooter
1	0.0	103000	Chevrolet Bel Air 2D
4	0.0	103100	Chevrolet Malibu 2D
14	0.0	103138	Chevrolet Malibu 2D Malibu Classic
278	0.2	103200	Chevrolet Malibu 4D
30	0.0	103238	Chevrolet Malibu 4D Malibu Classic
107	0.1	103269	Chevrolet Malibu 4D LS
8	0.0	103300	Chevrolet Malibu SW
9	0.0	103338	Chevrolet Malibu SW Malibu Classic
38	0.0	103500	Chevrolet Chevette 4D
5	0.0	103546	Chevrolet Chevette 4D Scooter
5	0.0	103600	Chevrolet Citation 2D
23	0.0	103700	Chevrolet Citation 4D
961	0.5	103800	Chevrolet Cavalier 2D
38	0.0	103847	Chevrolet Cavalier 2D Type 10
4	0.0	103849	Chevrolet Cavalier 2D CS
34	0.0	103853	Chevrolet Cavalier 2D RS
251	0.1	103854	Chevrolet Cavalier 2D Z24
488	0.3	103872	Chevrolet Cavalier 2D Base/RS
1112	0.6	103900	Chevrolet Cavalier 4D
53	0.0	103949	Chevrolet Cavalier 4D CS
8	0.0	103953	Chevrolet Cavalier 4D RS
200	0.1	103969	Chevrolet Cavalier 4D LS
158	0.1	104000	Chevrolet Cavalier SW
29	0.0	104049	Chevrolet Cavalier SW CS
39	0.0	104100	Chevrolet Celebrity 2D
434	0.2	104200	Chevrolet Celebrity 4D
13	0.0	104300	Chevrolet Cavalier Conv
3	0.0	104347	Chevrolet Cavalier Conv Type 10
6	0.0	104353	Chevrolet Cavalier Conv RS
25	0.0	104354	Chevrolet Cavalier Conv Z24
11	0.0	104369	Chevrolet Cavalier Conv LS
156	0.1	104400	Chevrolet Celebrity SW
14	0.0	104500	Chevrolet Sprint 2D
1	0.0	104557	Chevrolet Sprint 2D ER
36	0.0	104600	Chevrolet Spectrum 2D
5	0.0	104651	Chevrolet Spectrum 2D Level I
56	0.0	104700	Chevrolet Spectrum 4D
8	0.0	104751	Chevrolet Spectrum 4D Level I
5	0.0	104800	Chevrolet Sprint 4D
5	0.0	104855	Chevrolet Sprint 4D Plus
16	0.0	104900	Chevrolet Corvette Conv
1	0.0	104942	Chevrolet Corvette Conv Sting Ray
521	0.3	105000	Chevrolet Corsica 4D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
320	0.2	105016	Chevrolet Corsica 4D LT
14	0.0	105058	Chevrolet Corsica 4D LTZ
319	0.2	105100	Chevrolet Beretta 2D
100	0.1	105159	Chevrolet Beretta 2D GT
3	0.0	105165	Chevrolet Beretta 2D GTZ
33	0.0	105168	Chevrolet Beretta 2D Z26
29	0.0	105200	Chevrolet Camaro Conv
3	0.0	105300	Chevrolet Geo Metro 2D
278	0.2	105317	Chevrolet Geo Metro 2D Base/LSI
2	0.0	105318	Chevrolet Geo Metro 2D Base/XFI
22	0.0	105361	Chevrolet Geo Metro 2D LSI
17	0.0	105364	Chevrolet Geo Metro 2D XFI
148	0.1	105417	Chevrolet Geo Metro 4D Base/LSI
97	0.1	105461	Chevrolet Geo Metro 4D LSI
288	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
381	0.2	105600	Chevrolet Lumina 4D
6	0.0	105658	Chevrolet Lumina 4D LTZ
108	0.1	105663	Chevrolet Lumina 4D Eurosport
33	0.0	105669	Chevrolet Lumina 4D LS
362	0.2	105673	Chevrolet Lumina 4D Base/LS
21	0.0	105700	Chevrolet Lumina 2D
37	0.0	105763	Chevrolet Lumina 2D Eurosport
13	0.0	105766	Chevrolet Lumina 2D Z34
21	0.0	105861	Chevrolet Geo Metro Conv LSI
177	0.1	105900	Chevrolet Geo Storm 2D
29	0.0	105962	Chevrolet Geo Storm 2D GSI
6	0.0	106000	Chevrolet Geo Storm 2D SW
756	0.4	200000	Ford Unknown Series Model
5	0.0	200200	Ford Maverick 2D
2	0.0	200604	Ford Galaxie 2D 500
7	0.0	200700	Ford LTD 2D
2	0.0	200721	Ford LTD 2D Brougham
26	0.0	200737	Ford LTD 2D Crown Victoria
3	0.0	200750	Ford LTD 2D Crown Victoria LX
354	0.2	200800	Ford Mustang 2D
22	0.0	200808	Ford Mustang 2D Cobra
257	0.1	200810	Ford Mustang 2D GT
3	0.0	200819	Ford Mustang 2D Grande
2	0.0	200820	Ford Mustang 2D Mach1
5	0.0	200831	Ford Mustang 2D Ghia
12	0.0	200842	Ford Mustang 2D L
1	0.0	200843	Ford Mustang 2D GLX
4	0.0	200844	Ford Mustang 2D GL
444	0.2	200845	Ford Mustang 2D LX
355	0.2	200900	Ford Thunderbird 2D
1	0.0	200933	Ford Thunderbird 2D Landau
369	0.2	200945	Ford Thunderbird 2D LX
15	0.0	200952	Ford Thunderbird 2D Sport
28	0.0	200953	Ford Thunderbird 2D Turbo
13	0.0	200958	Ford Thunderbird 2D Super

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
1	0.0	201035	Ford Custom 500 2D Custom
1	0.0	201300	Ford Pinto 2D
1	0.0	201514	Ford Ranchero Ranchero 500
2	0.0	201530	Ford Ranchero Ranchero Squire
1	0.0	201603	Ford Ford SW Country Sedan
4	0.0	201636	Ford Ford SW LTD
1	0.0	201700	Ford Pinto 2D SW
8	0.0	201800	Ford Maverick 4D
2	0.0	201900	Ford Elite
9	0.0	202000	Ford Granada 2D
1	0.0	202042	Ford Granada 2D L
13	0.0	202100	Ford Granada 4D
1	0.0	202131	Ford Granada 4D Ghia
4	0.0	202142	Ford Granada 4D L
1	0.0	202204	Ford Galaxie 4D 500
8	0.0	202300	Ford LTD/Crown Victoria 4D
1366	0.8	202315	Ford LTD/Crown Victoria 4D Crown Victoria Police
58	0.0	202316	Ford LTD/Crown Victoria 4D Crown Victoria STD
2	0.0	202321	Ford LTD/Crown Victoria 4D Brougham
5	0.0	202333	Ford LTD/Crown Victoria 4D Landau
2	0.0	202334	Ford LTD/Crown Victoria 4D S
175	0.1	202337	Ford LTD/Crown Victoria 4D Crown Victoria
349	0.2	202350	Ford LTD/Crown Victoria 4D Crown Victoria LX
222	0.1	202351	Ford LTD 4D Crown Victoria S
2	0.0	202360	Ford LTD 4D Crown Victoria Tour
3	0.0	202500	Ford Fairmont 2D
14	0.0	202600	Ford Fairmont 4D
13	0.0	202700	Ford Fairmont SW
9	0.0	202900	Ford Fairmont Futura 2D
10	0.0	202902	Ford Fairmont Futura 2D Futura
2	0.0	203100	Ford Courier Long Pickup
1	0.0	203300	Ford Torino 2D
2	0.0	203304	Ford Torino 2D 500
1	0.0	203424	Ford Torino 4D Grand Torino
2	0.0	203526	Ford Torino SW Grand Torino Squire
2	0.0	203602	Ford Falcon 4D Futura
1	0.0	203704	Ford Fairlane 2D 500
2	0.0	203710	Ford Fairlane 2D GT
1	0.0	203804	Ford Fairlane 4D 500
2	0.0	204000	Ford LTD SW
37	0.0	204011	Ford LTD SW Country Squire
1	0.0	204034	Ford LTD SW S
17	0.0	204037	Ford LTD SW Crown Victoria
13	0.0	204050	Ford LTD SW Crown Victoria LX
2	0.0	204051	Ford LTD SW Crown Victoria S
22	0.0	204054	Ford LTD SW Country Squire LX
3	0.0	204100	Ford Escort 2D
1	0.0	204110	Ford Escort 2D GT
8	0.0	204142	Ford Escort 2D L
3	0.0	204144	Ford Escort 2D GL
2	0.0	204200	Ford Escort SW
3	0.0	204242	Ford Escort SW L

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
1	0.0	204243	Ford Escort SW GLX
1	0.0	204500	Ford EXP 2D
11	0.0	204547	Ford EXP 2D Escort EXP Sport
8	0.0	204555	Ford EXP 2D Escort EXP Luxury
1	0.0	204600	Ford Escort 4D
10	0.0	204642	Ford Escort 4D L
2	0.0	204644	Ford Escort 4D GL
1	0.0	204645	Ford Escort 4D LX
4	0.0	204742	Ford Granada SW L
12	0.0	204800	Ford Fairmont Futura 4D
9	0.0	204834	Ford Fairmont Futura 4D S
35	0.0	205100	Ford Mustang Conv
11	0.0	205108	Ford Mustang Conv Cobra
97	0.1	205110	Ford Mustang Conv GT
3	0.0	205143	Ford Mustang Conv GLX
77	0.0	205145	Ford Mustang Conv LX
91	0.1	205200	Ford LTD 4D
34	0.0	205300	Ford LTD SW
5	0.0	205442	Ford Tempo 2D 2WD L
1	0.0	205443	Ford Tempo 2D 2WD GLX
74	0.0	205444	Ford Tempo 2D 2WD GL
9	0.0	205445	Ford Tempo 2D 2WD LX
5	0.0	205452	Ford Tempo 2D 2WD Sport
7	0.0	205456	Ford Tempo 2D 2WD GLS
20	0.0	205542	Ford Tempo 4D 2WD L
5	0.0	205543	Ford Tempo 4D 2WD GLX
802	0.4	205544	Ford Tempo 4D 2WD GL
70	0.0	205545	Ford Tempo 4D 2WD LX
7	0.0	205552	Ford Tempo 4D 2WD Sport
14	0.0	205556	Ford Tempo 4D 2WD GLS
178	0.1	205601	Ford Taurus 4D LX/SE
116	0.1	205618	Ford Taurus 4D SE
30	0.0	205629	Ford Taurus 4D G
266	0.1	205642	Ford Taurus 4D L
1400	0.8	205644	Ford Taurus 4D GL
264	0.1	205645	Ford Taurus 4D LX
5	0.0	205649	Ford Taurus 4D MT-5
69	0.0	205657	Ford Taurus 4D SHO
56	0.0	205661	Ford Taurus 4D MT-5/L/GL/LX
45	0.0	205718	Ford Taurus SW SE
133	0.1	205742	Ford Taurus SW L
483	0.3	205744	Ford Taurus SW GL
103	0.1	205745	Ford Taurus SW LX
1	0.0	205749	Ford Taurus SW MT-5
19	0.0	205761	Ford Taurus SW MT-5/L/GL/LX
2	0.0	205848	Ford Tempo 2D 4WD All Wheel
18	0.0	205948	Ford Tempo 4D 4WD All Wheel
58	0.0	206142	Ford Festiva 2D L
27	0.0	206144	Ford Festiva 2D GL
19	0.0	206145	Ford Festiva 2D LX
14	0.0	206159	Ford Festiva 2D L Plus
21	0.0	206210	Ford Escort 2D GT

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
7	0.0	206242	Ford Escort 2D L
63	0.0	206244	Ford Escort 2D GL
1	0.0	206245	Ford Escort 2D LX
63	0.0	206246	Ford Escort 2D Pony
30	0.0	206342	Ford Escort 4D L
1	0.0	206343	Ford Escort 4D GLX
57	0.0	206344	Ford Escort 4D GL
1	0.0	206345	Ford Escort 4D LX
18	0.0	206442	Ford Escort SW L
46	0.0	206444	Ford Escort SW GL
1	0.0	206445	Ford Escort SW LX
8	0.0	206555	Ford Escort EXP 2D Escort EXP Luxury
31	0.0	206600	Ford Escort 2D
125	0.1	206610	Ford Escort 2D GT
7	0.0	206642	Ford Escort 2D L
517	0.3	206645	Ford Escort 2D LX
52	0.0	206646	Ford Escort 2D Pony
170	0.1	206663	Ford Escort 2D ZX2
25	0.0	206700	Ford Escort 4D
9	0.0	206712	Ford Escort 4D LX-E
224	0.1	206718	Ford Escort 4D SE
1069	0.6	206745	Ford Escort 4D LX
57	0.0	206818	Ford Escort SW SE
564	0.3	206845	Ford Escort SW LX
184	0.1	206900	Ford Probe 2D
138	0.1	206910	Ford Probe 2D GT
151	0.1	206944	Ford Probe 2D GL
72	0.0	206945	Ford Probe 2D LX
61	0.0	207000	Ford Aspire 4D
96	0.1	207100	Ford Aspire 2D
1	0.0	207118	Ford Aspire 2D SE
55	0.0	207201	Ford Contour 4D LX/SE
69	0.0	207218	Ford Contour 4D SE
239	0.1	207244	Ford Contour 4D GL
61	0.0	207245	Ford Contour 4D LX
52	0.0	207262	Ford Contour 4D BASE/GL
5	0.0	207264	Ford Contour 4D SVT
84	0.0	207266	Ford Contour 4D Base/GL/LX
2	0.0	207367	Ford Focus 3D ZX3
2	0.0	207418	Ford Focus 4D SE
5	0.0	207445	Ford Focus 4D LX
2	0.0	207469	Ford Focus 4D ZTS
417	0.2	300000	Pontiac Unknown Series Model
27	0.0	300100	Pontiac LeMans 4D
1	0.0	300123	Pontiac LeMans 4D Tempest Custom
6	0.0	300125	Pontiac LeMans 4D LE
7	0.0	300126	Pontiac LeMans 4D SE
4	0.0	300200	Pontiac Catalina 2D
5	0.0	300400	Pontiac Bonneville 2D
3	0.0	300410	Pontiac Bonneville 2D Brougham
106	0.1	300500	Pontiac Grand Prix 2D
9	0.0	300510	Pontiac Grand Prix 2D Brougham

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
2	0.0	300516	Pontiac Grand Prix 2D SJ
5	0.0	300520	Pontiac Grand Prix 2D LJ
64	0.0	300525	Pontiac Grand Prix 2D LE
132	0.1	300526	Pontiac Grand Prix 2D SE
51	0.0	300533	Pontiac Grand Prix 2D GT
1	0.0	300542	Pontiac Grand Prix 2D GT/GTP
2	0.0	300544	Pontiac Grand Prix 2D GTP
265	0.1	300600	Pontiac Firebird 2D
82	0.0	300609	Pontiac Firebird 2D Trans Am
5	0.0	300612	Pontiac Firebird 2D Espirit
1	0.0	300613	Pontiac Firebird 2D Formula 400
10	0.0	300626	Pontiac Firebird 2D SE
59	0.0	300643	Pontiac Firebird 2D Formula/Trans Am
1	0.0	300900	Pontiac Grandville 2D
1	0.0	301100	Pontiac Ventura 2D
2	0.0	301305	Pontiac Catalina SW Safari
3	0.0	301400	Pontiac Bonneville SW
30	0.0	301500	Pontiac LeMans 2D
4	0.0	301503	Pontiac LeMans 2D LeMans Sport
1	0.0	301504	Pontiac LeMans 2D GTO
1	0.0	301523	Pontiac LeMans 2D Tempest Custom
1	0.0	301525	Pontiac LeMans 2D LE
1	0.0	301526	Pontiac LeMans 2D SE
4	0.0	301537	Pontiac LeMans 2D GSE
8	0.0	301538	Pontiac LeMans 2D Aero
82	0.0	301600	Pontiac Grand Am 2D
170	0.1	301625	Pontiac Grand Am 2D LE
241	0.1	301626	Pontiac Grand Am 2D SE
105	0.1	301633	Pontiac Grand Am 2D GT
46	0.0	301700	Pontiac Grand Am 4D
99	0.1	301725	Pontiac Grand Am 4D LE
567	0.3	301726	Pontiac Grand Am 4D SE
57	0.0	301733	Pontiac Grand Am 4D GT
1	0.0	302016	Pontiac Ventura 4D SJ
3	0.0	302100	Pontiac Catalina 4D
55	0.0	302200	Pontiac Bonneville 4D
13	0.0	302210	Pontiac Bonneville 4D Brougham
84	0.0	302225	Pontiac Bonneville 4D LE
170	0.1	302226	Pontiac Bonneville 4D SE
35	0.0	302236	Pontiac Bonneville 4D SSE
2	0.0	302241	Pontiac Bonneville 4D SSEI
1	0.0	302400	Pontiac Sunbird 2D
1	0.0	302500	Pontiac Grand LeMans 2D
3	0.0	302600	Pontiac Grand LeMans 4D
1	0.0	302705	Pontiac Grand LeMans SW Safari
2	0.0	302800	Pontiac Phoenix 2D
2	0.0	302900	Pontiac Phoenix 4D
58	0.0	303028	Pontiac J2000/2000 2D Sunbird
133	0.1	303030	Pontiac J2000/2000 2D Sunbird LE
57	0.0	303031	Pontiac J2000/2000 2D Sunbird SE
6	0.0	303034	Pontiac J2000/2000 2D Sunbird GT
41	0.0	303128	Pontiac J2000/2000 4D Sunbird

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
72	0.0	303130	Pontiac J2000/2000 4D Sunbird LE
11	0.0	303131	Pontiac J2000/2000 4D Sunbird SE
2	0.0	303134	Pontiac J2000/2000 4D Sunbird GT
1	0.0	303200	Pontiac J2000/2000 SW
5	0.0	303228	Pontiac J2000/2000 SW Sunbird
1	0.0	303231	Pontiac J2000/2000 SW Sunbird SE
4	0.0	303300	Pontiac T1000/1000 2D
7	0.0	303400	Pontiac T1000/1000 4D
3	0.0	303500	Pontiac 6000 2D
3	0.0	303525	Pontiac 6000 2D LE
56	0.0	303600	Pontiac 6000 4D 2WD
91	0.1	303625	Pontiac 6000 4D 2WD LE
15	0.0	303626	Pontiac 6000 4D 2WD SE
18	0.0	303627	Pontiac 6000 4D 2WD STE
21	0.0	303730	Pontiac 2000 2D Conv Sunbird LE
9	0.0	303731	Pontiac 2000 2D Conv Sunbird SE
5	0.0	303734	Pontiac 2000 2D Conv Sunbird GT
18	0.0	303800	Pontiac 6000 SW
17	0.0	303825	Pontiac 6000 SW LE
7	0.0	303826	Pontiac 6000 SW SE
14	0.0	303900	Pontiac Fiero 2D
11	0.0	303926	Pontiac Fiero 2D SE
11	0.0	303932	Pontiac Fiero 2D Sport
15	0.0	303933	Pontiac Fiero 2D GT
11	0.0	304000	Pontiac Parisienne 4D
22	0.0	304010	Pontiac Parisienne 4D Brougham
9	0.0	304100	Pontiac Parisienne SW
8	0.0	304105	Pontiac Parisienne SW Safari
2	0.0	304327	Pontiac 6000 4D 4WD STE
56	0.0	304425	Pontiac Grand Prix 4D LE
187	0.1	304426	Pontiac Grand Prix 4D SE
1	0.0	304427	Pontiac Grand Prix 4D STE
43	0.0	304433	Pontiac Grand Prix 4D GT
1	0.0	304444	Pontiac Grand Prix 4D GTP
75	0.0	304500	Pontiac Trans Sport Van SWB
27	0.0	304600	Pontiac Trans Sport Cargo Van LWB
2	0.0	304700	Pontiac Firebird Conv
6	0.0	304743	Pontiac Firebird Conv Formula/Trans Am
242	0.1	304826	Pontiac Sunfire 2D SE
38	0.0	304833	Pontiac Sunfire 2D GT
117	0.1	304926	Pontiac Sunfire 4D SE
12	0.0	305026	Pontiac Sunfire Conv SE
4	0.0	305033	Pontiac Sunfire Conv GT
8	0.0	305200	Pontiac Montana Van LWB 2WD
421	0.2	400000	Buick Unknown Series Model
32	0.0	400100	Buick Century 4D
387	0.2	400103	Buick Century 4D Custom
172	0.1	400106	Buick Century 4D Special
132	0.1	400114	Buick Century 4D Limited
3	0.0	400125	Buick Century 4D T Type
13	0.0	400200	Buick LeSabre 2D
10	0.0	400203	Buick LeSabre 2D Custom

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
1	0.0	400212	Buick LeSabre 2D Luxus
24	0.0	400214	Buick LeSabre 2D Limited
4	0.0	400400	Buick Electra 2D RWD
1	0.0	400403	Buick Electra 2D RWD Custom
9	0.0	400414	Buick Electra 2D RWD Limited
3	0.0	400420	Buick Electra 2D RWD Park Avenue
69	0.0	400500	Buick Riviera 2D
1	0.0	400522	Buick Riviera 2D S Type
1	0.0	400525	Buick Riviera 2D T Type
9	0.0	400528	Buick Riviera 2D Luxury
17	0.0	400603	Buick Century 2D Custom
5	0.0	400614	Buick Century 2D Limited
1	0.0	400623	Buick Century 2D 350
1	0.0	400710	Buick Special Sport Wagon Sportwagon
1	0.0	400800	Buick Apollo 2D
8	0.0	400900	Buick Estate Wagon
23	0.0	400933	Buick Estate Wagon Roadmaster
27	0.0	401003	Buick Century SW Custom
21	0.0	401006	Buick Century SW Special
9	0.0	401011	Buick Century SW Estate
1	0.0	401014	Buick Century SW Limited
25	0.0	401100	Buick Skylark 2D
42	0.0	401103	Buick Skylark 2D Custom
1	0.0	401106	Buick Skylark 2D Special
4	0.0	401113	Buick Skylark 2D Custom/LTD/Gran Sport
10	0.0	401114	Buick Skylark 2D Limited
1	0.0	401116	Buick Skylark 2D Skylark S
4	0.0	401131	Buick Skylark 2D Grand Sport
2	0.0	401200	Buick Skyhawk 2D
16	0.0	401203	Buick Skyhawk 2D Custom
2	0.0	401214	Buick Skyhawk 2D Limited
4	0.0	401217	Buick Skyhawk 2D Sport
2	0.0	401225	Buick Skyhawk 2D T Type
112	0.1	401300	Buick Skylark 4D
114	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
2	0.0	401328	Buick Skylark 4D Luxury
1	0.0	401331	Buick Skylark 4D Gran Sport
7	0.0	401400	Buick LeSabre 4D
466	0.3	401403	Buick LeSabre 4D Custom
1	0.0	401412	Buick LeSabre 4D Luxus
220	0.1	401414	Buick LeSabre 4D Limited
5	0.0	401500	Buick Electra 4D RWD
1	0.0	401503	Buick Electra 4D RWD Custom
8	0.0	401514	Buick Electra 4D RWD Limited
14	0.0	401520	Buick Electra 4D RWD Park Avenue
74	0.0	401700	Buick Regal 2D RWD
53	0.0	401714	Buick Regal 2D RWD Limited
14	0.0	401718	Buick Regal 2D RWD Regal Limited
1	0.0	401719	Buick Regal 2D RWD Regal Sport
4	0.0	401725	Buick Regal 2D RWD T Type

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
12	0.0	402100	Buick Regal 4D RWD
9	0.0	402114	Buick Regal 4D RWD Limited
2	0.0	402118	Buick Regal 4D RWD Regal Limited
9	0.0	402311	Buick LeSabre SW Estate
10	0.0	402411	Buick Electra SW RWD Estate
9	0.0	402500	Buick Skyhawk 4D
15	0.0	402503	Buick Skyhawk 4D Custom
3	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
1	0.0	402814	Buick Skyhawk SW Limited
1	0.0	402920	Buick Electra/Park Avenue 2D Park Avenue
7	0.0	403000	Buick Electra/Park Avenue 4D
10	0.0	403014	Buick Electra/Park Avenue 4D Limited
203	0.1	403020	Buick Electra/Park Avenue 4D Park Avenue
3	0.0	403025	Buick Electra/Park Avenue 4D T Type
2	0.0	403027	Buick Electra/Park Avenue 4D 380
16	0.0	403029	Buick Electra/Park Avenue 4D Park Avenue Ultra
15	0.0	403103	Buick Somerset 2D Custom
7	0.0	403114	Buick Somerset 2D Limited
6	0.0	403118	Buick Somerset 2D Regal Limited
5	0.0	403126	Buick Somerset 2D Regal
89	0.0	403203	Buick Regal 2D FWD Custom
58	0.0	403214	Buick Regal 2D FWD Limited
10	0.0	403215	Buick Regal 2D FWD Custom/Gran Sport
4	0.0	403231	Buick Regal 2D FWD Gran Sport
5	0.0	403300	Buick Reatta 2D
1	0.0	403400	Buick Commercial Chassis Cab
130	0.1	403503	Buick Regal 4D FWD Custom
15	0.0	403504	Buick Regal 4D FWD GS
31	0.0	403514	Buick Regal 4D FWD Limited
14	0.0	403531	Buick Regal 4D FWD Gran Sport
46	0.0	403532	Buick Regal 4D FWD LS
38	0.0	403700	Buick Roadmaster 4D
35	0.0	403714	Buick Roadmaster 4D Limited
34	0.0	403800	Buick Park Avenue 4D
5	0.0	403830	Buick Park Avenue 4D Ultra
153	0.1	500000	Plymouth Unknown Series Model
2	0.0	500213	Plymouth Fury 2D Fury 3
22	0.0	500438	Plymouth Gran Fury 4D Salon
3	0.0	500507	Plymouth Satellite 2D Road Runner
1	0.0	500600	Plymouth Satellite 4D
1	0.0	500623	Plymouth Satellite 4D Belvedere 2
2	0.0	500636	Plymouth Satellite 4D Custom
1	0.0	500700	Plymouth Barracuda
3	0.0	500813	Plymouth Fury 4D Fury 3
1	0.0	500900	Plymouth Valiant Scamp 2D
126	0.1	501200	Plymouth Horizon 4D
6	0.0	501250	Plymouth Horizon 4D SE
7	0.0	501302	Plymouth Valiant Duster 2D Duster

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
1	0.0	501303	Plymouth Valiant Duster 2D Duster 340
7	0.0	501400	Plymouth Valiant 4D
1	0.0	501426	Plymouth Valiant 4D Brougham
2	0.0	501700	Plymouth Volare 2D
1	0.0	501741	Plymouth Volare 2D Premier
7	0.0	501800	Plymouth Volare 4D
1	0.0	501836	Plymouth Volare 4D Custom
1	0.0	501841	Plymouth Volare 4D Premier
3	0.0	501900	Plymouth Volare SW
1	0.0	501941	Plymouth Volare SW Premier
2	0.0	502139	Plymouth Horizon 2D TC3
17	0.0	502148	Plymouth Horizon 2D Turismo
1	0.0	502149	Plymouth Horizon 2D Turismo 2.2
4	0.0	502200	Plymouth Reliant 2D
1	0.0	502236	Plymouth Reliant 2D Custom
5	0.0	502243	Plymouth Reliant 2D Special Edition
11	0.0	502251	Plymouth Reliant 2D LE
35	0.0	502300	Plymouth Reliant 4D
3	0.0	502336	Plymouth Reliant 4D Custom
23	0.0	502343	Plymouth Reliant 4D Special Edition
89	0.0	502351	Plymouth Reliant 4D LE
9	0.0	502436	Plymouth Reliant SW Custom
11	0.0	502443	Plymouth Reliant SW Special Edition
32	0.0	502451	Plymouth Reliant SW LE
20	0.0	502500	Plymouth Caravelle 4D
17	0.0	502543	Plymouth Caravelle 4D Special Edition
124	0.1	502600	Plymouth Sundance 2D
29	0.0	502602	Plymouth Sundance 2D Duster
4	0.0	502653	Plymouth Sundance 2D RS
40	0.0	502654	Plymouth Sundance 2D America
155	0.1	502700	Plymouth Sundance 4D
15	0.0	502702	Plymouth Sundance 4D Duster
3	0.0	502753	Plymouth Sundance 4D RS
27	0.0	502754	Plymouth Sundance 4D America
262	0.1	502800	Plymouth Acclaim 4D
19	0.0	502851	Plymouth Acclaim 4D LE
34	0.0	502852	Plymouth Acclaim 4D LX
46	0.0	502900	Plymouth Laser 2D 2WD
28	0.0	502953	Plymouth Laser 2D 2WD RS
31	0.0	502955	Plymouth Laser 2D 2WD RS/RS Turbo
253	0.1	503100	Plymouth Neon 4D
188	0.1	503104	Plymouth Neon 4D Base/Expresso
46	0.0	503108	Plymouth Neon 4D Base/LX
26	0.0	503137	Plymouth Neon 4D Sport
57	0.0	503200	Plymouth Neon 2D
56	0.0	503204	Plymouth Neon 2D Base/Expresso
18	0.0	503237	Plymouth Neon 2D Sport
86	0.0	503300	Plymouth Breeze 4D
135	0.1	503304	Plymouth Breeze 4D Base/Expresso
470	0.3	600000	Oldsmobile Unknown Series Model
9	0.0	600100	Oldsmobile Cutlass 4D
63	0.0	600103	Oldsmobile Cutlass 4D Cutlass Supreme

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
4	0.0	600111	Oldsmobile Cutlass 4D Cutlass S
2	0.0	600113	Oldsmobile Cutlass 4D F-85
1	0.0	600119	Oldsmobile Cutlass 4D Salon
2	0.0	600120	Oldsmobile Cutlass 4D Brougham
30	0.0	600124	Oldsmobile Cutlass 4D Supreme Brougham
4	0.0	600128	Oldsmobile Cutlass 4D Brougham LS
2	0.0	600132	Oldsmobile Cutlass 4D LS
28	0.0	600156	Oldsmobile Cutlass 4D GL
31	0.0	600157	Oldsmobile Cutlass 4D GLS
3	0.0	600200	Oldsmobile Delta-88 2D
40	0.0	600208	Oldsmobile Delta-88 2D Royale
31	0.0	600229	Oldsmobile Delta-88 2D Royale Brougham
6	0.0	600318	Oldsmobile 98 2D RWD Regency
3	0.0	600400	Oldsmobile Toronado
15	0.0	600420	Oldsmobile Toronado Brougham
8	0.0	600446	Oldsmobile Toronado Trofeo
1	0.0	600501	Oldsmobile Cutlass 2D Standard
156	0.1	600503	Oldsmobile Cutlass 2D Cutlass Supreme
1	0.0	600504	Oldsmobile Cutlass 2D F-85 442
2	0.0	600511	Oldsmobile Cutlass 2D Cutlass S
1	0.0	600513	Oldsmobile Cutlass 2D F-85
17	0.0	600519	Oldsmobile Cutlass 2D Salon
13	0.0	600523	Oldsmobile Cutlass 2D Calais
62	0.0	600524	Oldsmobile Cutlass 2D Supreme Brougham
1	0.0	600531	Oldsmobile Cutlass 2D F-85 Cutlass Supreme
1	0.0	600803	Oldsmobile Cutlass SW Cutlass Supreme
54	0.0	600821	Oldsmobile Cutlass SW Cruiser
1	0.0	600827	Oldsmobile Cutlass SW Cruiser Brougham
7	0.0	600841	Oldsmobile Cutlass SW Ciera SL Brougham
11	0.0	600850	Oldsmobile Cutlass SW Cruiser SL
15	0.0	600853	Oldsmobile Cutlass SW Cruiser S
67	0.0	601000	Oldsmobile Custom Cruiser SW
3	0.0	601100	Oldsmobile Omega 2D
5	0.0	601120	Oldsmobile Omega 2D Brougham
7	0.0	601300	Oldsmobile Omega 4D
9	0.0	601320	Oldsmobile Omega 4D Brougham
11	0.0	601400	Oldsmobile Delta-88 4D
335	0.2	601408	Oldsmobile Delta-88 4D Royale
75	0.0	601416	Oldsmobile Delta-88 4D Base/LS
8	0.0	601417	Oldsmobile Delta-88 4D LSS
144	0.1	601429	Oldsmobile Delta-88 4D Royale Brougham
6	0.0	601432	Oldsmobile Delta-88 4D LS
29	0.0	601454	Oldsmobile Delta-88 4D Royale LS
2	0.0	601459	Oldsmobile Delta-88 4D 50th Anniversary Edition
1	0.0	601500	Oldsmobile 98 4D RWD
1	0.0	601510	Oldsmobile 98 4D RWD Luxury
22	0.0	601518	Oldsmobile 98 4D RWD Regency
12	0.0	601536	Oldsmobile 98 4D RWD Regency Brougham
10	0.0	601600	Oldsmobile Firenza 2D
3	0.0	601626	Oldsmobile Firenza 2D SX
6	0.0	601630	Oldsmobile Firenza 2D S
2	0.0	601640	Oldsmobile Firenza 2D LC

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
16	0.0	601700	Oldsmobile Firenza 4D
3	0.0	601737	Oldsmobile Firenza 4D LX
4	0.0	601833	Oldsmobile Ciera 2D Ciera
14	0.0	601834	Oldsmobile Ciera 2D Ciera LS
24	0.0	601835	Oldsmobile Ciera 2D Ciera Brougham
3	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
164	0.1	601933	Oldsmobile Ciera 4D Ciera
252	0.1	601934	Oldsmobile Ciera 4D Ciera LS
108	0.1	601935	Oldsmobile Ciera 4D Ciera Brougham
145	0.1	601941	Oldsmobile Ciera 4D Ciera SL
5	0.0	601942	Oldsmobile Ciera 4D Ciera International
216	0.1	601951	Oldsmobile Ciera 4D Ciera S
5	0.0	602000	Oldsmobile Firenza SW
1	0.0	602118	Oldsmobile 98 2D FWD Regency
63	0.0	602218	Oldsmobile 98 4D FWD Regency
85	0.0	602236	Oldsmobile 98 4D FWD Regency Brougham
11	0.0	602243	Oldsmobile 98 4D FWD Touring
39	0.0	602252	Oldsmobile 98 4D FWD Regency Elite
88	0.0	602300	Oldsmobile Calais 2D
25	0.0	602330	Oldsmobile Calais 2D S
22	0.0	602338	Oldsmobile Calais 2D Supreme
2	0.0	602344	Oldsmobile Calais 2D International
8	0.0	602347	Oldsmobile Calais 2D SL
79	0.0	602400	Oldsmobile Calais 4D
20	0.0	602430	Oldsmobile Calais 4D S
4	0.0	602438	Oldsmobile Calais 4D Supreme
1	0.0	602444	Oldsmobile Calais 4D International
2	0.0	602447	Oldsmobile Calais 4D SL
64	0.0	602503	Oldsmobile Cutlass 2D FWD Cutlass Supreme
40	0.0	602512	Oldsmobile Cutlass 2D Supreme S
19	0.0	602548	Oldsmobile Cutlass 2D FWD Supreme International
58	0.0	602549	Oldsmobile Cutlass 2D FWD Supreme SL
52	0.0	602603	Oldsmobile Cutlass 4D FWD Cutlass Supreme
67	0.0	602612	Oldsmobile Cutlass 4D Supreme S
3	0.0	602648	Oldsmobile Cutlass 4D FWD Supreme International
87	0.0	602649	Oldsmobile Cutlass 4D FWD Supreme SL
12	0.0	602703	Oldsmobile Cutlass Conv Cutlass Supreme
42	0.0	602800	Oldsmobile Silhouette Van SWB 2WD
58	0.0	602900	Oldsmobile Bravada 4D 4x4
44	0.0	603030	Oldsmobile Achieva 2D S
1	0.0	603047	Oldsmobile Achieva 2D SL
17	0.0	603055	Oldsmobile Achieva 2D SC
76	0.0	603130	Oldsmobile Achieva 4D S
46	0.0	603147	Oldsmobile Achieva 4D SL
46	0.0	603200	Oldsmobile Aurora 4D
23	0.0	603300	Oldsmobile Silhouette Van LWB 2WD
16	0.0	603400	Oldsmobile Intrigue 4D
35	0.0	603456	Oldsmobile Intrigue 4D GL
5	0.0	603457	Oldsmobile Intrigue 4D GLS
16	0.0	603458	Oldsmobile Intrigue 4D GX

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
18	0.0	603556	Oldsmobile Alero 2D GL
5	0.0	603557	Oldsmobile Alero 2D GLS
30	0.0	603656	Oldsmobile Alero 4D GL
10	0.0	603657	Oldsmobile Alero 4D GLS
3	0.0	603658	Oldsmobile Alero 4D GX
389	0.2	700000	Dodge Unknown Series Model
6	0.0	700102	Dodge Dart 2D Swinger
1	0.0	700122	Dodge Dart 2D Swinger Special
1	0.0	700125	Dodge Dart 2D Special Edition
3	0.0	700205	Dodge Coronet 4D Custom
1	0.0	700400	Dodge Monaco 4D
1	0.0	700404	Dodge Monaco 4D Brougham
2	0.0	700444	Dodge Monaco 4D ES
7	0.0	700446	Dodge Monaco 4D LE
1	0.0	700500	Dodge Challenger
1	0.0	700621	Dodge Coronet 2D 440
76	0.0	700700	Dodge Omni 4D
4	0.0	700717	Dodge Omni 4D SE
1	0.0	700738	Dodge Omni 4D Miser
1	0.0	701000	Dodge Monaco SW
3	0.0	701300	Dodge Dart 4D
4	0.0	701305	Dodge Dart 4D Custom
4	0.0	701700	Dodge Aspen 2D
3	0.0	701800	Dodge Aspen 4D
2	0.0	701805	Dodge Aspen 4D Custom
4	0.0	701900	Dodge Aspen SW
4	0.0	702000	Dodge Charger 2D
1	0.0	702017	Dodge Charger 2D SE
1	0.0	702130	Dodge Diplomat 2D Salon
1	0.0	702133	Dodge Diplomat 2D Sport
3	0.0	702200	Dodge Diplomat 4D
12	0.0	702217	Dodge Diplomat 4D SE
1	0.0	702226	Dodge Diplomat 4D Medallion
12	0.0	702230	Dodge Diplomat 4D Salon
1	0.0	702427	Dodge Magnum XE XE
16	0.0	702500	Dodge Omni/Charger 2D
3	0.0	702549	Dodge Omni/Charger 2D Shelby
3	0.0	702600	Dodge St Regis 4D
2	0.0	702700	Dodge Mirada 2D
1	0.0	702904	Dodge Royal Monaco 4D Brougham
9	0.0	703100	Dodge Aries 2D
1	0.0	703117	Dodge Aries 2D SE
2	0.0	703125	Dodge Aries 2D Special Edition
6	0.0	703146	Dodge Aries 2D LE
24	0.0	703200	Dodge Aries 4D
16	0.0	703225	Dodge Aries 4D Special Edition
108	0.1	703246	Dodge Aries 4D LE
9	0.0	703305	Dodge Aries SW Custom
13	0.0	703317	Dodge Aries SW SE
8	0.0	703325	Dodge Aries SW Special Edition
29	0.0	703346	Dodge Aries SW LE
1	0.0	703400	Dodge 400 2D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
2	0.0	703442	Dodge 400 2D LS
2	0.0	703500	Dodge 400 4D
2	0.0	703600	Dodge 400 2D Conv
17	0.0	703700	Dodge 600 4D
14	0.0	703717	Dodge 600 4D SE
10	0.0	703900	Dodge 600 2D
8	0.0	704000	Dodge 600 2D Conv
93	0.1	704100	Dodge Daytona 2D
2	0.0	704115	Dodge Daytona 2D IROC
38	0.0	704144	Dodge Daytona 2D ES
3	0.0	704145	Dodge Daytona 2D Turbo
4	0.0	704147	Dodge Daytona 2D Pacifica
2	0.0	704148	Dodge Daytona 2D Shelby Z
4	0.0	704149	Dodge Daytona 2D Shelby
18	0.0	704200	Dodge Lancer 4D
9	0.0	704244	Dodge Lancer 4D ES
1	0.0	704249	Dodge Lancer 4D Shelby
175	0.1	704300	Dodge Shadow 2D
69	0.0	704344	Dodge Shadow 2D ES
34	0.0	704350	Dodge Shadow 2D America
226	0.1	704400	Dodge Shadow 4D
16	0.0	704444	Dodge Shadow 4D ES
36	0.0	704450	Dodge Shadow 4D America
150	0.1	704500	Dodge Dynasty 4D
94	0.1	704546	Dodge Dynasty 4D LE
334	0.2	704600	Dodge Spirit 4D
16	0.0	704644	Dodge Spirit 4D ES
32	0.0	704646	Dodge Spirit 4D LE
9	0.0	704700	Dodge Shadow Conv
13	0.0	704744	Dodge Shadow Conv ES
5	0.0	704851	Dodge Viper Conv RT/10
323	0.2	704900	Dodge Intrepid 4D
112	0.1	704944	Dodge Intrepid 4D ES
352	0.2	705000	Dodge Neon 4D
53	0.0	705018	Dodge Neon 4D Base/ES
53	0.0	705033	Dodge Neon 4D Sport
312	0.2	705052	Dodge Neon 4D Base/Sport/RT
80	0.0	705100	Dodge Neon 2D
16	0.0	705133	Dodge Neon 2D Sport
130	0.1	705152	Dodge Neon 2D Base/Sport/RT
330	0.2	705200	Dodge Stratus 4D
15	0.0	705217	Dodge Stratus 4D SE
74	0.0	705244	Dodge Stratus 4D ES
9	0.0	705300	Dodge Avenger 2D
36	0.0	705318	Dodge Avenger 2D Base/ES
51	0.0	705344	Dodge Avenger 2D ES
2	0.0	705407	Dodge Viper 2D GTS
193	0.1	800000	Volkswagen Unknown Series Model
2	0.0	800102	Volkswagen Karmann Ghia 1500
6	0.0	800201	Volkswagen Beetle 1300
35	0.0	800202	Volkswagen Beetle 1500
13	0.0	800203	Volkswagen Beetle Super Beetle

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
1	0.0	800313	Volkswagen Dasher Sedan Dasher
1	0.0	800405	Volkswagen Dasher Wagon Squareback
6	0.0	800608	Volkswagen Commercial Clipper
3	0.0	800610	Volkswagen Commercial Kombi/Campmobile
1	0.0	800611	Volkswagen Commercial Delivery Van
7	0.0	800914	Volkswagen Rabbit Sedan Rabbit
7	0.0	800920	Volkswagen Rabbit Sedan L
4	0.0	800921	Volkswagen Rabbit Sedan LS
1	0.0	800925	Volkswagen Rabbit Sedan GL
16	0.0	801000	Volkswagen Scirocco
2	0.0	801028	Volkswagen Scirocco 16V
6	0.0	801100	Volkswagen Rabbit Conv
2	0.0	801116	Volkswagen Rabbit Conv Convertible
1	0.0	801200	Volkswagen Vanagon
5	0.0	801219	Volkswagen Vanagon Bus
104	0.1	801300	Volkswagen Jetta Sedan
2	0.0	801321	Volkswagen Jetta Sedan LS
74	0.0	801325	Volkswagen Jetta Sedan GL
40	0.0	801327	Volkswagen Jetta Sedan GLI
70	0.0	801330	Volkswagen Jetta Sedan GL/Carat
2	0.0	801332	Volkswagen Jetta Sedan Carat
44	0.0	801336	Volkswagen Jetta Sedan GLS
2	0.0	801337	Volkswagen Jetta Sedan GLX
4	0.0	801355	Volkswagen Jetta Sedan GLS TDI
18	0.0	801400	Volkswagen Jetta 2D
1	0.0	801425	Volkswagen Jetta 2D GL
3	0.0	801520	Volkswagen Rabbit 2D L
9	0.0	801526	Volkswagen Rabbit 2D GTI
4	0.0	801600	Volkswagen Rabbit Pickup
1	0.0	801624	Volkswagen Rabbit Pickup LX
5	0.0	801800	Volkswagen Quantum 4D
4	0.0	801825	Volkswagen Quantum 4D GL
5	0.0	801900	Volkswagen Quantum SW
2	0.0	801925	Volkswagen Quantum SW GL
30	0.0	802000	Volkswagen Golf 2D
21	0.0	802025	Volkswagen Golf 2D GL
1	0.0	802054	Volkswagen Golf 2D GL TDI
1	0.0	802056	Volkswagen Golf 2D GTI GLX
5	0.0	802059	Volkswagen Golf 2D GTI GLS
26	0.0	802100	Volkswagen Golf 4D
47	0.0	802125	Volkswagen Golf 4D GL
3	0.0	802136	Volkswagen Golf 4D GLS
47	0.0	802200	Volkswagen GTI 2D
13	0.0	802228	Volkswagen GTI 2D 16V
7	0.0	802231	Volkswagen GTI 2D 8V
25	0.0	802240	Volkswagen GTI 2D VR6
2	0.0	802250	Volkswagen GTI 2D VR6 Drivers Edition
47	0.0	802300	Volkswagen Cabriolet Conv
2	0.0	802332	Volkswagen Cabriolet Conv Carat
3	0.0	802333	Volkswagen Cabriolet Conv Etienne Aigner
1	0.0	802338	Volkswagen Cabriolet Conv Classic
1	0.0	802500	Volkswagen Quantum SE 4WD

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
34	0.0	802600	Volkswagen Fox 2D
3	0.0	802625	Volkswagen Fox 2D GL
51	0.0	802725	Volkswagen Fox 4D GL
14	0.0	802825	Volkswagen Fox 2D SW GL
8	0.0	802900	Volkswagen Corrado 2D
8	0.0	802934	Volkswagen Corrado 2D SLC
38	0.0	803025	Volkswagen Passat 4D 2WD GL
2	0.0	803035	Volkswagen Passat 4D 2WD CL
47	0.0	803036	Volkswagen Passat 4D 2WD GLS
25	0.0	803037	Volkswagen Passat 4D 2WD GLX
6	0.0	803044	Volkswagen Passat 4D 2WD TDI
12	0.0	803051	Volkswagen Passat 4D 2WD GLS V6
1	0.0	803060	Volkswagen Passat 4D 2WD GLX V6
4	0.0	803125	Volkswagen Passat SW 2WD GL
10	0.0	803136	Volkswagen Passat SW 2WD GLS
4	0.0	803137	Volkswagen Passat SW 2WD GLX
1	0.0	803144	Volkswagen Passat SW 2WD TDI
2	0.0	803325	Volkswagen Eurovan GL
1	0.0	803339	Volkswagen Eurovan MV
8	0.0	803422	Volkswagen Golf III 2D Sport
3	0.0	803425	Volkswagen Golf III 2D GL
60	0.0	803525	Volkswagen Golf III 4D GL
1	0.0	803542	Volkswagen Golf III 4D City
5	0.0	803543	Volkswagen Golf III 4D Celebration Edition
4	0.0	803547	Volkswagen Golf III 4D K2
1	0.0	803549	Volkswagen Golf III 4D Jazz
166	0.1	803625	Volkswagen Jetta III 4D GL
21	0.0	803629	Volkswagen Jetta III 4D GT
73	0.0	803636	Volkswagen Jetta III 4D GLS
29	0.0	803637	Volkswagen Jetta III 4D GLX
5	0.0	803642	Volkswagen Jetta III 4D City
9	0.0	803643	Volkswagen Jetta III 4D Celebration Edition
14	0.0	803644	Volkswagen Jetta III 4D TDI
17	0.0	803645	Volkswagen Jetta III 4D Trek
25	0.0	803646	Volkswagen Jetta III 4D Wolfsburg Edition
5	0.0	803647	Volkswagen Jetta III 4D K2
11	0.0	803649	Volkswagen Jetta III 4D Jazz
23	0.0	803700	Volkswagen Golf Cabrio Conv
3	0.0	803725	Volkswagen Golf Cabrio Conv GL
5	0.0	803736	Volkswagen Golf Cabrio Conv GLS
1	0.0	803748	Volkswagen Golf Cabrio Conv Highline
1	0.0	803841	Volkswagen Eurovan Camper Panel/Conversion
19	0.0	804100	Volkswagen New Beetle 2D
2	0.0	804125	Volkswagen New Beetle 2D GL
25	0.0	804136	Volkswagen New Beetle 2D GLS
4	0.0	804144	Volkswagen New Beetle 2D TDI
1	0.0	804155	Volkswagen New Beetle 2D GLS TDI
1	0.0	804157	Volkswagen New Beetle 2D GLS 1.8T
251	0.1	900000	Mercury Unknown Series Model
18	0.0	900621	Mercury Marquis/Grand Marquis 2D Grand Marquis
2	0.0	900638	Mercury Marquis/Grand Marquis 2D Grand Marquis LS
83	0.0	900700	Mercury Cougar 2D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
167	0.1	900713	Mercury Cougar 2D XR-7
8	0.0	900715	Mercury Cougar 2D I4
180	0.1	900731	Mercury Cougar 2D LS
40	0.0	900747	Mercury Cougar 2D V6
2	0.0	900900	Mercury Marquis/Grand Marquis SW
14	0.0	900914	Mercury Marquis/Grand Marquis SW Colony Park
11	0.0	900936	Mercury Marquis/Grand Marquis SW Colony Park LS
2	0.0	900940	Mercury Marquis/Grand Marquis SW Colony Park GS
2	0.0	901100	Mercury Comet 4D
1	0.0	901200	Mercury Comet 2D
1	0.0	901700	Mercury Bobcat SW
2	0.0	902000	Mercury Marquis/Grand Marquis 4D
2	0.0	902003	Mercury Marquis/Grand Marquis 4D Brougham
103	0.1	902021	Mercury Marquis/Grand Marquis 4D Grand Marquis
217	0.1	902037	Mercury Marquis/Grand Marquis 4D Grand Marquis GS
333	0.2	902038	Mercury Marquis/Grand Marquis 4D Grand Marquis LS
1	0.0	902300	Mercury Cougar 4D
1	0.0	902430	Mercury Cougar SW GS
2	0.0	903427	Mercury Zephyr Z-7 Z-7
22	0.0	903513	Mercury Cougar XR-7 XR-7
3	0.0	903600	Mercury Zephyr 2D
8	0.0	903700	Mercury Zephyr 4D
2	0.0	903800	Mercury Zephyr SW
12	0.0	903900	Mercury Capri 2D
3	0.0	904000	Mercury Lynx 2D
1	0.0	904029	Mercury Lynx 2D L
3	0.0	904129	Mercury Lynx SW L
1	0.0	904130	Mercury Lynx SW GS
1	0.0	904329	Mercury Lynx 4D L
47	0.0	904400	Mercury Marquis 4D
3	0.0	904500	Mercury Marquis SW
13	0.0	904630	Mercury Topaz 2D GS
5	0.0	904639	Mercury Topaz 2D XR5
202	0.1	904730	Mercury Topaz 4D GS
24	0.0	904731	Mercury Topaz 4D LS
12	0.0	904733	Mercury Topaz 4D LTS
1	0.0	904735	Mercury Topaz 4D Sport
8	0.0	904906	Mercury Sable 4D LS Premium
345	0.2	904930	Mercury Sable 4D GS
167	0.1	904931	Mercury Sable 4D LS
50	0.0	904943	Mercury Sable 4D GS/LS
1	0.0	904944	Mercury Sable 4D G
2	0.0	905006	Mercury Sable SW LS Premium
110	0.1	905030	Mercury Sable SW GS
84	0.0	905031	Mercury Sable SW LS
8	0.0	905043	Mercury Sable SW GS/LS
21	0.0	905200	Mercury Tracer 2D
253	0.1	905300	Mercury Tracer 4D
56	0.0	905330	Mercury Tracer 4D GS
115	0.1	905331	Mercury Tracer 4D LS
21	0.0	905333	Mercury Tracer 4D LTS
53	0.0	905400	Mercury Tracer SW

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
4	0.0	905431	Mercury Tracer SW LS
11	0.0	905529	Mercury Lynx 2D L
2	0.0	905530	Mercury Lynx 2D GS
2	0.0	905534	Mercury Lynx 2D XR3
2	0.0	905629	Mercury Lynx 4D L
3	0.0	905630	Mercury Lynx 4D GS
2	0.0	905729	Mercury Lynx SW L
3	0.0	905730	Mercury Lynx SW GS
36	0.0	905800	Mercury Capri Conv
5	0.0	905841	Mercury Capri Conv XR2
10	0.0	905900	Mercury Villager Wagon
151	0.1	905942	Mercury Villager Wagon GS/LS/Nautica
37	0.0	905943	Mercury Villager Wagon GS/LS
109	0.1	906130	Mercury Mystique 4D GS
45	0.0	906131	Mercury Mystique 4D LS
55	0.0	906146	Mercury Mystique 4D Base/GS
1	0.0	906200	Mercury Mountaineer 4D 4x2
4	0.0	906300	Mercury Mountaineer 4D 4x4
53	0.0	906345	Mercury Mountaineer 4D AWD
196	0.1	1000000	Cadillac Unknown Series Model
2	0.0	1000100	Cadillac Calais 2D
70	0.0	1000200	Cadillac Deville 2D RWD
205	0.1	1000300	Cadillac Brougham/Fleetwood Brougham/Fleetwood 4D
140	0.1	1000400	Cadillac Eldorado 2D
4	0.0	1000403	Cadillac Eldorado 2D Fleetwood Eldorado
13	0.0	1000408	Cadillac Eldorado 2D Touring
1	0.0	1000605	Cadillac Fleetwood 4D Formal Limousine
119	0.1	1000700	Cadillac Seville 4D
36	0.0	1000708	Cadillac Seville 4D Touring
56	0.0	1000900	Cadillac Deville 4D RWD
9	0.0	1001000	Cadillac Brougham 2D
13	0.0	1001100	Cadillac Cimarron 4D
1	0.0	1001200	Cadillac Eldorado Conv
106	0.1	1001300	Cadillac Deville 2D FWD
525	0.3	1001400	Cadillac Deville 4D FWD
12	0.0	1001407	Cadillac Deville 4D FWD D'Elegance
3	0.0	1001408	Cadillac Deville 4D FWD Touring
17	0.0	1001409	Cadillac Deville 4D FWD Concours
5	0.0	1001500	Cadillac Fleetwood 2D FWD
26	0.0	1001600	Cadillac Fleetwood 4D FWD
2	0.0	1001601	Cadillac Fleetwood 4D FWD Sixty Special
16	0.0	1001607	Cadillac Fleetwood 4D FWD D'Elegance
1	0.0	1001800	Cadillac Commercial Chassis Cab FWD
4	0.0	1001900	Cadillac Allante Conv
1	0.0	1002001	Cadillac Fleetwood 60 Special 4D Sixty Special
12	0.0	1002300	Cadillac Escalade 4D 4x4
15	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	1100120	AMC/Eagle Gremlin Custom
1	0.0	1100513	AMC/Eagle Javelin AMX
2	0.0	1101214	AMC/Eagle Hornet SW Sportabout

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
1	0.0	1101503	AMC/Eagle Hornet 4D SST
1	0.0	1101700	AMC/Eagle Concord 2D
1	0.0	1101718	AMC/Eagle Concord 2D DL
1	0.0	1101800	AMC/Eagle Concord 4D
2	0.0	1101818	AMC/Eagle Concord 4D DL
2	0.0	1101918	AMC/Eagle Concord SW DL
2	0.0	1102300	AMC/Eagle Eagle 4D
6	0.0	1102400	AMC/Eagle Eagle SW
2	0.0	1102418	AMC/Eagle Eagle SW DL
2	0.0	1102419	AMC/Eagle Eagle SW Limited
1	0.0	1102922	AMC/Eagle Eagle 50 Liftback SX/4 DL
178	0.1	1200000	Chrysler Unknown Series Model
1	0.0	1200110	Chrysler Newport 2D Custom
1	0.0	1200603	Chrysler Imperial 2D Le Baron
12	0.0	1200700	Chrysler Cordoba
1	0.0	1200711	Chrysler Cordoba LS
2	0.0	1200800	Chrysler Newport 4D
1	0.0	1200809	Chrysler Newport 4D Royal
12	0.0	1201000	Chrysler New Yorker 4D RWD
2	0.0	1201004	Chrysler New Yorker 4D RWD Brougham
164	0.1	1201013	Chrysler New Yorker 4D RWD 5th Ave Edition
7	0.0	1201100	Chrysler Imperial 4D
85	0.0	1201200	Chrysler Le Baron 2D
2	0.0	1201205	Chrysler Le Baron 2D Medallion
2	0.0	1201222	Chrysler Le Baron 2D LX
111	0.1	1201300	Chrysler Le Baron 4D
2	0.0	1201305	Chrysler Le Baron 4D Medallion
1	0.0	1201307	Chrysler Le Baron 4D Salon
3	0.0	1201312	Chrysler Le Baron 4D Special
10	0.0	1201317	Chrysler Le Baron 4D LE
15	0.0	1201318	Chrysler Le Baron 4D Landau
3	0.0	1201322	Chrysler Le Baron 4D LX
7	0.0	1201401	Chrysler Le Baron SW Town & Country
123	0.1	1201500	Chrysler Le Baron 2D Conv
5	0.0	1201522	Chrysler Le Baron 2D Conv LX
33	0.0	1201525	Chrysler Le Baron 2D Conv GTC
56	0.0	1201600	Chrysler New Yorker 4D (E Body)
3	0.0	1201700	Chrysler E Class 4D
16	0.0	1201900	Chrysler Laser 2D
5	0.0	1201914	Chrysler Laser 2D XE
3	0.0	1202100	Chrysler Le Baron 4D (H Body)
39	0.0	1202121	Chrysler Le Baron 4D (H Body) GTS
1	0.0	1202200	Chrysler Daytona 2D
20	0.0	1202400	Chrysler New Yorker 4D (C Body)
28	0.0	1202407	Chrysler New Yorker 4D (C Body) Salon
56	0.0	1202418	Chrysler New Yorker 4D (C Body) Landua
2	0.0	1202500	Chrysler TC 2D Conv
46	0.0	1202600	Chrysler New Yorker 5th Ave 4D
1	0.0	1202700	Chrysler Intrepid 4D
85	0.0	1202800	Chrysler Concorde 4D
4	0.0	1202826	Chrysler Concorde 4D LXI
90	0.0	1202829	Chrysler Concorde 4D LX/LXI

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
19	0.0	1202900	Chrysler New Yorker 4D (LH Body)
72	0.0	1203000	Chrysler LHS 4D
40	0.0	1203122	Chrysler Cirrus 4D LX
49	0.0	1203126	Chrysler Cirrus 4D LXI
46	0.0	1203129	Chrysler Cirrus 4D LX/LXI
24	0.0	1203222	Chrysler Sebring 2D LX
83	0.0	1203226	Chrysler Sebring 2D LXI
37	0.0	1203327	Chrysler Sebring Conv JX
92	0.1	1203328	Chrysler Sebring Conv JXI
32	0.0	1203400	Chrysler 300M 4D
97	0.1	1300000	Lincoln Unknown Series Model
4	0.0	1300100	Lincoln Continental 2D
1	0.0	1300300	Lincoln Mark IV
11	0.0	1300400	Lincoln Town Car/Continental 4D
281	0.2	1300401	Lincoln Town Car/Continental 4D Town Car
46	0.0	1300402	Lincoln Town Car/Continental 4D Cartier
271	0.1	1300403	Lincoln Town Car/Continental 4D Signature
190	0.1	1300408	Lincoln Town Car/Continental 4D Town Car/Executive
23	0.0	1300409	Lincoln Town Car/Continental 4D Executive
6	0.0	1300500	Lincoln Mark V
3	0.0	1300600	Lincoln Versailles 4D
5	0.0	1300700	Lincoln Mark VI 2D
6	0.0	1300800	Lincoln Mark VI 4D
119	0.1	1300900	Lincoln Continental 4D
60	0.0	1300903	Lincoln Continental 4D Signature
3	0.0	1300904	Lincoln Continental 4D Givenchy
32	0.0	1300909	Lincoln Continental 4D Executive
12	0.0	1301000	Lincoln Mark VII 2D
33	0.0	1301005	Lincoln Mark VII 2D LSC
6	0.0	1301006	Lincoln Mark VII 2D Blass
60	0.0	1301100	Lincoln Mark VIII 2D
5	0.0	1301105	Lincoln Mark VIII 2D LSC
40	0.0	1301300	Lincoln Navigatior 4D 4x4
3	0.0	1301410	Lincoln LS Sedan 4D V6
1	0.0	1301411	Lincoln LS Sedan 4D V8
303	0.2	1400000	Opel/Isuzu Unknown Series Model
1	0.0	1400100	Opel/Isuzu Kadett/STD 2D/4D
1	0.0	1400101	Opel/Isuzu Kadett/STD 2D/4D Kadett
2	0.0	1400403	Opel/Isuzu 1900 2D/4D 1900
2	0.0	1401100	Opel/Isuzu I-Mark 4D RWD
16	0.0	1401400	Opel/Isuzu PU SH 1/2T 4x2
3	0.0	1401500	Opel/Isuzu PU SH 1/2T 4x4
8	0.0	1401600	Opel/Isuzu PU LN 1/2T 4x2
9	0.0	1401800	Opel/Isuzu Impulse 2D 2WD
11	0.0	1401814	Opel/Isuzu Impulse 2D 2WD RS/XS
13	0.0	1401900	Opel/Isuzu Trooper II 2D 4x4
10	0.0	1402100	Opel/Isuzu PU Space C 1/2T 4x2
4	0.0	1402200	Opel/Isuzu PU Space C 1/2T 4x4
3	0.0	1402300	Opel/Isuzu I-Mark 2D FWD
8	0.0	1402400	Opel/Isuzu I-Mark 4D FWD
69	0.0	1402500	Opel/Isuzu PU SH 1/2T 4x2
16	0.0	1402600	Opel/Isuzu PU SH 1/2T 4x4

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
47	0.0	1402700	Opel/Isuzu Amigo 2D 4x2
20	0.0	1402800	Opel/Isuzu Amigo 2D 4x4
12	0.0	1402900	Opel/Isuzu Stylus 4D
5	0.0	1402911	Opel/Isuzu Stylus 4D S
249	0.1	1403100	Opel/Isuzu Trooper 4D 4x4
219	0.1	1403400	Opel/Isuzu Rodeo 4D 4x2
265	0.1	1403500	Opel/Isuzu Rodeo 4D 4x4
1	0.0	1403613	Opel/Isuzu Impulse 2D 4WD RS
1	0.0	1403811	Opel/Isuzu Oasis Wagon S
11	0.0	1403900	Opel/Isuzu Hombre PU 4x2
1	0.0	1404000	Opel/Isuzu Hombre PU Space C 4x2
2	0.0	1404100	Opel/Isuzu Hombre PU 4x4
932	0.5	1500000	Datsun/Nissan Unknown Series Model
16	0.0	1500102	Datsun/Nissan 240/260/280/300 2D 280 ZX
6	0.0	1500105	Datsun/Nissan 240/260/280/300 2D 280 Z
115	0.1	1500107	Datsun/Nissan 240/260/280/300 2D 300 ZX
10	0.0	1500800	Datsun/Nissan B210/210 Sedan
33	0.0	1501000	Datsun/Nissan Pickup Short 4x2
2	0.0	1501100	Datsun/Nissan Pickup Long 4x2
4	0.0	1501502	Datsun/Nissan 260/280/300 2+2 2D 280 ZX
56	0.0	1501507	Datsun/Nissan 260/280/300 2+2 2D 300 ZX
181	0.1	1501600	Datsun/Nissan 200 SX 2D
21	0.0	1501613	Datsun/Nissan 200 SX 2D SE-R
1025	0.6	1501700	Datsun/Nissan 810/Maxima Sedan
62	0.0	1501710	Datsun/Nissan 810/Maxima Sedan SE
188	0.1	1501711	Datsun/Nissan 810/Maxima Sedan GXE
18	0.0	1501800	Datsun/Nissan 810/Maxima Wagon
5	0.0	1501811	Datsun/Nissan 810/Maxima Wagon GXE
1	0.0	1501900	Datsun/Nissan 510 2D
4	0.0	1502000	Datsun/Nissan 510 Sedan
1	0.0	1502100	Datsun/Nissan 510 Wagon
4	0.0	1502500	Datsun/Nissan 210 2D
1	0.0	1502600	Datsun/Nissan 210 Wagon
1	0.0	1502700	Datsun/Nissan 310 2D
11	0.0	1502800	Datsun/Nissan Pickup Short 4x4
1	0.0	1502900	Datsun/Nissan Pickup Long 4x4
1	0.0	1503000	Datsun/Nissan Chassis Cab
25	0.0	1503100	Datsun/Nissan King Cab PU 4x2
12	0.0	1503200	Datsun/Nissan King Cab PU 4x4
334	0.2	1503400	Datsun/Nissan Stanza 4D
559	0.3	1503500	Datsun/Nissan Sentra 2D
17	0.0	1503513	Datsun/Nissan Sentra 2D SE-R
44	0.0	1503519	Datsun/Nissan Sentra 2D Sport Coupe
1408	0.8	1503600	Datsun/Nissan Sentra 4D
16	0.0	1503609	Datsun/Nissan Sentra 4D XE
8	0.0	1503610	Datsun/Nissan Sentra 4D SE
35	0.0	1503700	Datsun/Nissan Sentra SW
1	0.0	1503709	Datsun/Nissan Sentra SW XE
6	0.0	1503806	Datsun/Nissan Pulsar 2D DX
6	0.0	1503808	Datsun/Nissan Pulsar 2D GX
63	0.0	1503809	Datsun/Nissan Pulsar 2D XE
18	0.0	1503810	Datsun/Nissan Pulsar 2D SE

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
18	0.0	1504000	Datsun/Nissan Stanza SW
2	0.0	1504100	Datsun/Nissan Stanza SW 4WD
52	0.0	1504300	Datsun/Nissan Pathfinder 2D 4x4
2	0.0	1504312	Datsun/Nissan Pathfinder 2D 4x4 E
1	0.0	1504400	Datsun/Nissan Van
266	0.1	1504500	Datsun/Nissan PU SH 4x2
2	0.0	1504510	Datsun/Nissan PU SH 4x2 SE
48	0.0	1504600	Datsun/Nissan PU SH 4x4
4	0.0	1504610	Datsun/Nissan PU SH 4x4 SE
1	0.0	1504700	Datsun/Nissan PU Long 4x2
5	0.0	1504701	Datsun/Nissan PU Long 4x2 Heavy Duty
94	0.1	1504900	Datsun/Nissan PU King C 4x2
9	0.0	1504910	Datsun/Nissan PU King C 4x2 SE
50	0.0	1505000	Datsun/Nissan PU King C 4x4
15	0.0	1505010	Datsun/Nissan PU King C 4x4 SE
3	0.0	1505100	Datsun/Nissan Chassis Cab
22	0.0	1505209	Datsun/Nissan 240 SX 2D XE
69	0.0	1505210	Datsun/Nissan 240 SX 2D SE
52	0.0	1505216	Datsun/Nissan 240 SX 2D Base/SE Coupe
34	0.0	1505217	Datsun/Nissan 240 SX 2D Base/SE/LE Liftback
11	0.0	1505220	Datsun/Nissan 240 SX 2D Base/SE Liftback
5	0.0	1505222	Datsun/Nissan 240 SX 2D Base/SE/LE Coupe
12	0.0	1505400	Datsun/Nissan Axxess SW 2WD
2	0.0	1505500	Datsun/Nissan Axxess SW 4WD
8	0.0	1505700	Datsun/Nissan Pathfinder 4D 4x2
264	0.1	1505800	Datsun/Nissan Pathfinder 4D 4x4
7	0.0	1505914	Datsun/Nissan NX 2D 1600
14	0.0	1505915	Datsun/Nissan NX 2D 2000
1	0.0	1506000	Datsun/Nissan 300 ZX Conv
5	0.0	1506110	Datsun/Nissan 240 SX Conv SE
206	0.1	1506221	Datsun/Nissan Quest Van XE/GXE
9	0.0	1506223	Datsun/Nissan Quest Van GXE/SE/GLE
1187	0.7	1506400	Datsun/Nissan Altima 4D
9	0.0	1506500	Datsun/Nissan Frontier PU SH 4x2
1	0.0	1506600	Datsun/Nissan Frontier PU SH 4x4
21	0.0	1506700	Datsun/Nissan Frontier PU King C 4x2
10	0.0	1506800	Datsun/Nissan Frontier PU King C 4x4
5	0.0	1506900	Datsun/Nissan XTerra 4D 4x2
10	0.0	1507000	Datsun/Nissan XTerra 4D 4x4
3	0.0	1507100	Datsun/Nissan Frontier CR PU SH 4x2
3	0.0	1507200	Datsun/Nissan Frontier CR PU SH 4x4
1343	0.7	1600000	Toyota Unknown Series Model
2	0.0	1600108	Toyota Land Cruiser 2D 4x4 3900
57	0.0	1600200	Toyota Land Cruiser 4D 4x4
988	0.5	1600300	Toyota Corolla Sedan 2WD
1001	0.6	1600310	Toyota Corolla Sedan 2WD Deluxe
193	0.1	1600313	Toyota Corolla Sedan 2WD LE (Luxury Edition)
568	0.3	1600352	Toyota Corolla Sedan 2WD VE/CE/LE
1	0.0	1600400	Toyota Corolla SW 2WD
92	0.1	1600410	Toyota Corolla SW 2WD Deluxe
4	0.0	1600700	Toyota Corona Sedan
3	0.0	1600710	Toyota Corona Sedan Deluxe

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
5	0.0	1600713	Toyota Corona Sedan LE (Luxury Edition)
15	0.0	1601000	Toyota Celica 2D 2WD
195	0.1	1601014	Toyota Celica 2D 2WD ST
281	0.2	1601015	Toyota Celica 2D 2WD GT
82	0.0	1601017	Toyota Celica 2D 2WD GT-S
3	0.0	1601041	Toyota Celica 2D 2WD Coupe
29	0.0	1601042	Toyota Celica 2D 2WD Liftback
2	0.0	1601054	Toyota Celica 2D 2WD GT Liftback
3	0.0	1601059	Toyota Celica 2D 2WD GTS Liftback
1	0.0	1601210	Toyota Corona SW Deluxe
229	0.1	1601300	Toyota Pickup Short 1/2T
33	0.0	1601310	Toyota Pickup Short 1/2T Deluxe
2	0.0	1601316	Toyota Pickup Short 1/2T SR5 Sport
12	0.0	1601400	Toyota Pickup Long 1/2T
30	0.0	1601410	Toyota Pickup Long 1/2T Deluxe
2	0.0	1601416	Toyota Pickup Long 1/2T SR5 Sport
105	0.1	1601500	Toyota Cressida 4D
42	0.0	1601513	Toyota Cressida 4D LE (Luxury Edition)
3	0.0	1601600	Toyota Cressida SW
4	0.0	1601613	Toyota Cressida SW LE (Luxury Edition)
47	0.0	1601700	Toyota Pickup SH 1/2T 4x4
130	0.1	1601710	Toyota Pickup SH 1/2T 4x4 Deluxe
8	0.0	1601716	Toyota Pickup SH 1/2T 4x4 SR5 Sport
1	0.0	1601800	Toyota Pickup LN 1/2T 4x4
12	0.0	1601810	Toyota Pickup LN 1/2T 4x4 Deluxe
3	0.0	1601816	Toyota Pickup LN 1/2T 4x4 SR5 Sport
39	0.0	1601900	Toyota Celica Supra
391	0.2	1602000	Toyota Corolla Tercel 2D
136	0.1	1602010	Toyota Corolla Tercel 2D Deluxe
2	0.0	1602011	Toyota Corolla Tercel 2D SR5
13	0.0	1602027	Toyota Corolla Tercel 2D EZ
64	0.0	1602043	Toyota Corolla Tercel 2D CE
10	0.0	1602100	Toyota Corolla Tercel 4D
243	0.1	1602110	Toyota Corolla Tercel 4D Deluxe
3	0.0	1602113	Toyota Corolla Tercel 4D LE (Luxury Edition)
3	0.0	1602143	Toyota Corolla Tercel 4D CE
3	0.0	1602200	Toyota Starlet Liftback
2	0.0	1602300	Toyota Corolla 2D
16	0.0	1602310	Toyota Corolla 2D Deluxe
51	0.0	1602311	Toyota Corolla 2D SR5
40	0.0	1602316	Toyota Corolla 2D SR5 Sport
18	0.0	1602317	Toyota Corolla 2D GT-S
3	0.0	1602400	Toyota Pickup Long 3/4T
1	0.0	1602500	Toyota Tercel SW 4WD
13	0.0	1602510	Toyota Tercel SW 4WD Deluxe
11	0.0	1602511	Toyota Tercel SW 4WD SR5
1038	0.6	1602600	Toyota Camry 4D 2WD
750	0.4	1602610	Toyota Camry 4D 2WD Deluxe
1191	0.7	1602613	Toyota Camry 4D 2WD LE (Luxury Edition)
149	0.1	1602630	Toyota Camry 4D 2WD XLE
6	0.0	1602631	Toyota Camry 4D 2WD SE
298	0.2	1602650	Toyota Camry 4D 2WD CE/LE/XLE

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
31	0.0	1602651	Toyota Camry 4D 2WD LE/XLE V6
26	0.0	1602710	Toyota Tercel SW 2WD Deluxe
5	0.0	1602810	Toyota Van 4x2 Deluxe
26	0.0	1602813	Toyota Van 4x2 LE (Luxury Edition)
87	0.0	1602910	Toyota PU Xtra Cab 1/2T Deluxe
10	0.0	1602916	Toyota PU Xtra Cab 1/2T SR5 Sport
115	0.1	1603010	Toyota PU X Cab 1/2T 4x4 Deluxe
32	0.0	1603016	Toyota PU X Cab 1/2T 4x4 SR5 Sport
15	0.0	1603100	Toyota Cargo Van 4x2
2	0.0	1603120	Toyota Cargo Van 4x2 Panel Van
16	0.0	1603200	Toyota 4Runner Truck 4x4
4	0.0	1603210	Toyota 4Runner Truck 4x4 Deluxe
13	0.0	1603211	Toyota 4Runner Truck 4x4 SR5
3	0.0	1603300	Toyota Pickup Long 1T
22	0.0	1603415	Toyota Celica Conv GT
1	0.0	1603417	Toyota Celica Conv GT-S
43	0.0	1603500	Toyota MR2
4	0.0	1603522	Toyota MR2 T-Bar
6	0.0	1603524	Toyota MR2 Turbo
2	0.0	1603528	Toyota MR2 Supercharged
8	0.0	1603610	Toyota 4Runner 2D 4x4 Deluxe
10	0.0	1603611	Toyota 4Runner 2D 4x4 SR5
14	0.0	1603616	Toyota 4Runner 2D 4x4 SR5 Sport
2	0.0	1603639	Toyota 4Runner 2D 4x4 SR5 V6
32	0.0	1603700	Toyota Supra 2D
11	0.0	1603721	Toyota Supra 2D with Sport Roof
12	0.0	1603724	Toyota Supra 2D Turbo
15	0.0	1603729	Toyota Supra 2D with Sport Roof, Turbo
2	0.0	1603740	Toyota Supra 2D Base/SE
6	0.0	1603800	Toyota Camry SW
57	0.0	1603810	Toyota Camry SW Deluxe
53	0.0	1603813	Toyota Camry SW LE (Luxury Edition)
39	0.0	1603900	Toyota Corolla FX 2D
3	0.0	1603925	Toyota Corolla FX 2D FX16
5	0.0	1603926	Toyota Corolla FX 2D FX16 GT-S
2	0.0	1604013	Toyota Van 4x4 LE (Luxury Edition)
2	0.0	1604120	Toyota Cargo Van 4x4 Panel Van
1	0.0	1604200	Toyota PU X Cab LN 1/2T
8	0.0	1604210	Toyota PU X Cab LN 1/2T Deluxe
6	0.0	1604324	Toyota Celica 2D 4WD Turbo
9	0.0	1604410	Toyota Camry 4D 4WD Deluxe
9	0.0	1604413	Toyota Camry 4D 4WD LE (Luxury Edition)
12	0.0	1604500	Toyota Chassis Cab
10	0.0	1604610	Toyota Corolla SW 4WD Deluxe
4	0.0	1604710	Toyota Corolla 4D 4WD Deluxe
3	0.0	1604800	Toyota 4Runner 4D 4x2
15	0.0	1604839	Toyota 4Runner 4D 4x2 SR5 V6
2	0.0	1604844	Toyota 4Runner 4D 4x2 Limited V6
7	0.0	1604900	Toyota 4Runner 4D 4x4
12	0.0	1604911	Toyota 4Runner 4D 4x4 SR5
391	0.2	1604939	Toyota 4Runner 4D 4x4 SR5 V6
96	0.1	1604944	Toyota 4Runner 4D 4x4 Limited V6

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
26	0.0	1605010	Toyota Previa Van 4x2 Deluxe
57	0.0	1605013	Toyota Previa Van 4x2 LE (Luxury Edition)
6	0.0	1605033	Toyota Previa Van 4x2 LE S/C
5	0.0	1605034	Toyota Previa Van 4x2 DX S/C
2	0.0	1605110	Toyota Previa Van 4x4 Deluxe
14	0.0	1605113	Toyota Previa Van 4x4 LE (Luxury Edition)
11	0.0	1605133	Toyota Previa Van 4x4 LE S/C
1	0.0	1605134	Toyota Previa Van 4x4 DX S/C
112	0.1	1605200	Toyota Paseo 2D
20	0.0	1605300	Toyota T100 Pickup 1/2T 4x2
7	0.0	1605310	Toyota T100 Pickup 1/2T 4x2 Deluxe
1	0.0	1605311	Toyota T100 Pickup 1/2T 4x2 SR5
6	0.0	1605332	Toyota T100 Pickup 1/2T 4x2 STD
1	0.0	1605337	Toyota T100 Pickup 1/2T 4x2 V6/DX
1	0.0	1605410	Toyota T100 Pickup 1/2T 4x4 Deluxe
2	0.0	1605432	Toyota T100 Pickup 1/2T 4x4 STD
13	0.0	1605600	Toyota Camry 2D
12	0.0	1605610	Toyota Camry 2D Deluxe
33	0.0	1605613	Toyota Camry 2D LE (Luxury Edition)
10	0.0	1605631	Toyota Camry 2D SE
24	0.0	1605735	Toyota Avalon 4D XL
43	0.0	1605736	Toyota Avalon 4D XLS
164	0.1	1605763	Toyota Avalon 4D XL/XLS
1	0.0	1605800	Toyota T100 PU X Cab 1/2T 4x2
2	0.0	1605810	Toyota T100 PU X Cab 1/2T 4x2 Deluxe
2	0.0	1605811	Toyota T100 PU X Cab 1/2T 4x2 SR5
7	0.0	1605900	Toyota T100 PU X Cab 1/2T 4x4
7	0.0	1605910	Toyota T100 PU X Cab 1/2T 4x4 Deluxe
18	0.0	1605911	Toyota T100 PU X Cab 1/2T 4x4 SR5
61	0.0	1606000	Toyota Tacoma PU 4x2
2	0.0	1606048	Toyota Tacoma PU 4x2 Prerunner
62	0.0	1606100	Toyota Tacoma PU X Cab 4x2
1	0.0	1606138	Toyota Tacoma PU X Cab 4x2 V6
9	0.0	1606148	Toyota Tacoma PU X Cab 4x2 Prerunner
5	0.0	1606155	Toyota Tacoma PU X Cab 4x2 Prerunner V6
78	0.0	1606200	Toyota Tacoma PU 4x4
113	0.1	1606300	Toyota Tacoma PU X Cab 4x4
19	0.0	1606338	Toyota Tacoma PU X Cab 4x4 V6
10	0.0	1606339	Toyota Tacoma PU X Cab 4x4 SR5 V6
5	0.0	1606400	Toyota Rav4 2D 2WD
14	0.0	1606500	Toyota Rav4 4D 2WD
1	0.0	1606600	Toyota Rav4 2D 4WD
151	0.1	1606700	Toyota Rav4 4D 4WD
1	0.0	1606800	Toyota Paseo Conv
2	0.0	1606945	Toyota Sienna Van 2WD CE 4D
58	0.0	1606947	Toyota Sienna Van 2WD LE/XLE 5D
3	0.0	1606956	Toyota Sienna Van 2WD CE 5D
7	0.0	1607131	Toyota Camry Solara 2D SE
28	0.0	1607149	Toyota Camry Solara 2D SE/SLE V6
5	0.0	1607566	Toyota Tundra PU AC Cab 4x4 SR5 V8
1	0.0	1607567	Toyota Tundra PU AC Cab 4x4 Limited V8
2	0.0	1607700	Toyota Echo 4D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
2	0.0	1700000	Capri/Merkur Unknown Series Model
4	0.0	1700200	Capri/Merkur XR4TI 2D
6	0.0	1700300	Capri/Merkur Scorpio 4D
572	0.3	1800000	Mazda Unknown Series Model
9	0.0	1801301	Mazda GLC Sedan FWD
85	0.0	1801600	Mazda RX-7 Coupe
17	0.0	1801602	Mazda RX-7 Coupe Turbo
265	0.1	1801800	Mazda 626 Sedan
8	0.0	1801802	Mazda 626 Sedan Turbo
15	0.0	1801804	Mazda 626 Sedan ES
544	0.3	1801808	Mazda 626 Sedan DX/LX
109	0.1	1801810	Mazda 626 Sedan LX-V6/ES-V6
62	0.0	1801813	Mazda 626 Sedan LX/ES
155	0.1	1801900	Mazda B Series STD PU 4x2
5	0.0	1802000	Mazda B Series Long PU 4x2
3	0.0	1802101	Mazda GLC 2D FWD
19	0.0	1802200	Mazda 626/MX-6 2D
122	0.1	1802205	Mazda 626/MX-6 2D MX-6
10	0.0	1802206	Mazda 626/MX-6 2D MX-6 Turbo
53	0.0	1802207	Mazda 626/MX-6 2D MX-6 LS
2	0.0	1802300	Mazda B2200 DSL STD PU
115	0.1	1802500	Mazda B Series Cab+ PU 4x2
92	0.1	1802600	Mazda 323 2D 2WD
93	0.1	1802700	Mazda 323 4D 2WD
386	0.2	1802709	Mazda 323 4D 2WD Protege
4	0.0	1802800	Mazda 323 SW
23	0.0	1802900	Mazda B Series STD PU 4x4
1	0.0	1803000	Mazda B Series Long PU 4x4
39	0.0	1803100	Mazda B Series Cab+ PU 4x4
5	0.0	1803200	Mazda RX-7 Conv
119	0.1	1803400	Mazda 929 4D
162	0.1	1803600	Mazda MPV Van 2WD
61	0.0	1803700	Mazda MPV Van 4WD
130	0.1	1803800	Mazda MX-5 Miata Conv
3	0.0	1803909	Mazda 323 4D 4WD Protege
19	0.0	1804000	Mazda Navajo 2D 4x4
87	0.0	1804100	Mazda MX-3 Coupe
18	0.0	1804111	Mazda MX-3 Coupe GS
1	0.0	1804200	Mazda Navajo 2D 4x2
77	0.0	1804300	Mazda Millenia 4D
19	0.0	1804312	Mazda Millenia 4D S
23	0.0	1804404	Mazda Protege 4D ES
519	0.3	1804408	Mazda Protege 4D DX/LX
23	0.0	1900000	Fiat/Bertone Unknown Series Model
2	0.0	1900400	Fiat/Bertone 124/Spider Conv
1	0.0	1900403	Fiat/Bertone 124/Spider Conv Spider
1	0.0	1900805	Fiat/Bertone X 1/9 X 1/9
142	0.1	2000000	Volvo Unknown Series Model
1	0.0	2000600	Volvo 1800 SW
4	0.0	2000700	Volvo 240 2D
9	0.0	2000704	Volvo 240 2D De Luxe (DL)
1	0.0	2000707	Volvo 240 2D DL/GL

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
30	0.0	2000800	Volvo 240 4D
2	0.0	2000802	Volvo 240 4D Grand Luxe (GL)
3	0.0	2000804	Volvo 240 4D De Luxe (DL)
3	0.0	2000806	Volvo 240 4D Grand Luxe Touring
183	0.1	2000807	Volvo 240 4D DL/GL
18	0.0	2000812	Volvo 240 4D Base/DL
12	0.0	2000813	Volvo 240 4D Base/GL
16	0.0	2000900	Volvo 240 SW
1	0.0	2000902	Volvo 240 SW Grand Luxe (GL)
3	0.0	2000904	Volvo 240 SW De Luxe (DL)
4	0.0	2000906	Volvo 240 SW Grand Luxe Touring
103	0.1	2000907	Volvo 240 SW DL/GL
1	0.0	2000909	Volvo 240 SW Turbo
10	0.0	2000912	Volvo 240 SW Base/DL
2	0.0	2000915	Volvo 240 SW Base/SE
1	0.0	2001100	Volvo 260 4D
1	0.0	2001102	Volvo 260 4D Grand Luxe (GL)
1	0.0	2001200	Volvo 260 SW
3	0.0	2001305	Volvo 760/740 4D Grand Luxe Exec (GLE)
17	0.0	2001310	Volvo 760/740 4D 760 GLE
73	0.0	2001311	Volvo 760/740 4D 740 GLE
5	0.0	2001410	Volvo 760/740 SW 760 GLE
27	0.0	2001411	Volvo 760/740 SW 740 GLE
1	0.0	2001500	Volvo 780 2D
3	0.0	2001505	Volvo 780 2D Grand Luxe Exec (GLE)
2	0.0	2001509	Volvo 780 2D Turbo
4	0.0	2001605	Volvo 760 4D Grand Luxe Exec (GLE)
18	0.0	2001609	Volvo 760 4D Turbo
4	0.0	2001617	Volvo 760 4D GLE Turbo
3	0.0	2001709	Volvo 760 SW Turbo
19	0.0	2001800	Volvo 740 4D
19	0.0	2001802	Volvo 740 4D Grand Luxe (GL)
31	0.0	2001805	Volvo 740 4D Grand Luxe Exec (GLE)
12	0.0	2001809	Volvo 740 4D Turbo
23	0.0	2001813	Volvo 740 4D Base/GL
2	0.0	2001814	Volvo 740 4D Turbo/SE Turbo
5	0.0	2001817	Volvo 740 4D GLE Turbo
8	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)
8	0.0	2001909	Volvo 740 SW Turbo
5	0.0	2001913	Volvo 740 SW Base/GL
3	0.0	2001914	Volvo 740 SW Turbo/SE Turbo
1	0.0	2001917	Volvo 740 SW GLE Turbo
25	0.0	2002000	Volvo 940 4D
7	0.0	2002002	Volvo 940 4D Grand LUXE (GL)
13	0.0	2002009	Volvo 940 4D Turbo
4	0.0	2002016	Volvo 940 4D SE Turbo
11	0.0	2002100	Volvo 940 SW
8	0.0	2002109	Volvo 940 SW Turbo
1	0.0	2002116	Volvo 940 SW SE Turbo
37	0.0	2002200	Volvo 960/S90 4D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
12	0.0	2002300	Volvo 960/V90 SW
35	0.0	2002400	Volvo 850 4D
20	0.0	2002409	Volvo 850 4D Turbo
26	0.0	2002419	Volvo 850 4D GLT
45	0.0	2002420	Volvo 850 4D Base/GLT
1	0.0	2002422	Volvo 850 4D R
5	0.0	2002423	Volvo 850 4D T5
12	0.0	2002500	Volvo 850 SW
5	0.0	2002509	Volvo 850 SW Turbo
10	0.0	2002520	Volvo 850 SW Base/GLT
36	0.0	2002600	Volvo S70 4D 2WD
26	0.0	2002619	Volvo S70 4D 2WD GLT
2	0.0	2002623	Volvo S70 4D 2WD T5
20	0.0	2002700	Volvo V70 SW 2WD
7	0.0	2002719	Volvo V70 SW 2WD GLT
4	0.0	2002723	Volvo V70 SW 2WD T5
14	0.0	2002824	Volvo V70 SW 4WD XC AWD
1	0.0	2002825	Volvo V70 SW 4WD R AWD
1	0.0	2002826	Volvo V70 SW 4WD AWD
1	0.0	2002829	Volvo V70 SW 4WD XC AWD/XC AWD SE
2	0.0	2003000	Volvo C70 Conv
1	0.0	2003126	Volvo S70 4D 4WD AWD
11	0.0	2003200	Volvo S80 4D 2WD
1	0.0	2003227	Volvo S80 4D 2WD T-6
21	0.0	2100000	Audi Unknown Series Model
35	0.0	2100601	Audi 5000 4D 2WD S
6	0.0	2100604	Audi 5000 4D 2WD CS
8	0.0	2100700	Audi 4000 4D 2WD
13	0.0	2100701	Audi 4000 4D 2WD S
1	0.0	2100800	Audi 4000 2D
4	0.0	2101001	Audi 5000 SW 2WD S
2	0.0	2101100	Audi 4000 GT Coupe 2D
5	0.0	2101201	Audi 4000 Quattro 4D 4WD S
4	0.0	2101304	Audi 5000 Quattro 4D 4WD CS
4	0.0	2101500	Audi 80 4D 2WD
1	0.0	2101602	Audi 80 Quattro 4D 4WD 4WD
9	0.0	2101700	Audi 90 4D 2WD
1	0.0	2101701	Audi 90 4D 2WD S
1	0.0	2101704	Audi 90 4D 2WD CS
4	0.0	2101802	Audi 90 Quattro 4D 4WD 4WD
2	0.0	2101804	Audi 90 Quattro 4D 4WD CS
14	0.0	2101900	Audi 100 4D 2WD
4	0.0	2101901	Audi 100 4D 2WD S
2	0.0	2102702	Audi S4 Quattro 4D 4WD
1	0.0	2102900	Audi Cabriolet Conv
1	0.0	2103000	Audi A6 4D
1	0.0	2103008	Audi A6 4D 2.8
7	0.0	2103202	Audi A6 Quattro 4D 4WD
11	0.0	2103208	Audi A6 Quattro 4D 2.8
2	0.0	2103302	Audi A6 Quattro SW 4WD
3	0.0	2103600	Audi A4 4D
4	0.0	2103607	Audi A4 4D 1.8T

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
2	0.0	2103608	Audi A4 4D 2.8
2	0.0	2103702	Audi A4 Quattro 4D 4WD
11	0.0	2103707	Audi A4 Quattro 4D 1.8T
18	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	2104107	Audi A4 Avant Quattro SW 1.8T
2	0.0	2104108	Audi A4 Avant Quattro SW 2.8
1	0.0	2104208	Audi A6 Avant Quattro SW 2.8
19	0.0	2200000	Dodge/Mitsubishi Unknown Series Model
1	0.0	2200100	Dodge/Mitsubishi Colt 4D Sedan
1	0.0	2200500	Dodge/Mitsubishi Challenger
35	0.0	2200600	Dodge/Mitsubishi Colt 2D
8	0.0	2200601	Dodge/Mitsubishi Colt 2D GT
18	0.0	2200605	Dodge/Mitsubishi Colt 2D E
2	0.0	2200606	Dodge/Mitsubishi Colt 2D DL
20	0.0	2200611	Dodge/Mitsubishi Colt 2D GL
1	0.0	2200612	Dodge/Mitsubishi Colt 2D ES
7	0.0	2200700	Dodge/Mitsubishi Colt 4D
8	0.0	2200705	Dodge/Mitsubishi Colt 4D E
8	0.0	2200706	Dodge/Mitsubishi Colt 4D DL
4	0.0	2200708	Dodge/Mitsubishi Colt 4D Premier
2	0.0	2200711	Dodge/Mitsubishi Colt 4D GL
16	0.0	2200800	Dodge/Mitsubishi Colt Vista SW 2WD
2	0.0	2200900	Dodge/Mitsubishi Conquest 2D
7	0.0	2201000	Dodge/Mitsubishi Colt Vista SW 4WD
13	0.0	2201100	Dodge/Mitsubishi Raider
4	0.0	2201206	Dodge/Mitsubishi Colt SW 2WD DL
1	0.0	2201306	Dodge/Mitsubishi Colt SW 4WD DL
14	0.0	2201400	Dodge/Mitsubishi Stealth 2D 2WD
8	0.0	2201412	Dodge/Mitsubishi Stealth 2D 2WD ES
10	0.0	2201413	Dodge/Mitsubishi Stealth 2D 2WD R/T
4	0.0	2201514	Dodge/Mitsubishi Stealth 2D 4WD R/T Turbo
864	0.5	2300000	Honda Unknown Series Model
33	0.0	2300109	Honda Civic CVCC/CRX 2D CRX HF
102	0.1	2300115	Honda Civic CVCC/CRX 2D CRX
91	0.1	2300116	Honda Civic CVCC/CRX 2D CRX SI
4	0.0	2300117	Honda Civic CVCC/CRX 2D CRX 1.5
98	0.1	2300200	Honda Civic CVCC 3D
279	0.2	2300201	Honda Civic CVCC 3D DX
2	0.0	2300202	Honda Civic CVCC 3D GL
2	0.0	2300205	Honda Civic CVCC 3D FE
9	0.0	2300206	Honda Civic CVCC 3D S
60	0.0	2300210	Honda Civic CVCC 3D SI
16	0.0	2300223	Honda Civic CVCC 3D VX
83	0.0	2300224	Honda Civic CVCC 3D CX
2	0.0	2300229	Honda Civic CVCC 3D SI with ABS
1	0.0	2300230	Honda Civic CVCC 3D DX with ABS
58	0.0	2300300	Honda Civic CVCC SW
3	0.0	2300314	Honda Civic CVCC SW Wagovan
63	0.0	2300600	Honda Accord 2D
65	0.0	2300601	Honda Accord 2D DX

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
242	0.1	2300603	Honda Accord 2D LX
27	0.0	2300604	Honda Accord 2D SE
8	0.0	2300608	Honda Accord 2D SEI
150	0.1	2300611	Honda Accord 2D LXI
262	0.1	2300618	Honda Accord 2D EX
16	0.0	2300627	Honda Accord 2D LX with ABS
1	0.0	2300630	Honda Accord 2D DX with ABS
3	0.0	2300638	Honda Accord 2D LX-ULEV
13	0.0	2300639	Honda Accord 2D EX-ULEV
27	0.0	2300641	Honda Accord 2D EX-V6
222	0.1	2300800	Honda Accord 4D
190	0.1	2300801	Honda Accord 4D DX
1803	1.0	2300803	Honda Accord 4D LX
125	0.1	2300804	Honda Accord 4D SE
15	0.0	2300808	Honda Accord 4D SEI
246	0.1	2300811	Honda Accord 4D LXI
917	0.5	2300818	Honda Accord 4D EX
24	0.0	2300826	Honda Accord 4D 10th Anniversary Edition
44	0.0	2300827	Honda Accord 4D LX with ABS
4	0.0	2300830	Honda Accord 4D DX with ABS
14	0.0	2300833	Honda Accord 4D 25th Anniversary Edition
53	0.0	2300834	Honda Accord 4D Value Package
77	0.0	2300838	Honda Accord 4D LX-ULEV
56	0.0	2300839	Honda Accord 4D EX-ULEV
1	0.0	2300840	Honda Accord 4D LX-V6
26	0.0	2300841	Honda Accord 4D EX-V6
149	0.1	2300900	Honda Prelude
5	0.0	2300904	Honda Prelude SE
32	0.0	2300906	Honda Prelude S
87	0.0	2300910	Honda Prelude SI
12	0.0	2300919	Honda Prelude SI 4WS
12	0.0	2300920	Honda Prelude SI ALB
40	0.0	2300921	Honda Prelude 2.0 S
115	0.1	2300922	Honda Prelude 2.0 SI
12	0.0	2300925	Honda Prelude VTEC
3	0.0	2300935	Honda Prelude SH
129	0.1	2301000	Honda Civic 4D
486	0.3	2301001	Honda Civic 4D DX
849	0.5	2301003	Honda Civic 4D LX
219	0.1	2301018	Honda Civic 4D EX
13	0.0	2301027	Honda Civic 4D LX with ABS
3	0.0	2301030	Honda Civic 4D DX with ABS
1	0.0	2301036	Honda Civic 4D GX
50	0.0	2301037	Honda Civic 4D DX-V
11	0.0	2301100	Honda Civic SW 4x4
58	0.0	2301203	Honda Accord SW LX
52	0.0	2301218	Honda Accord SW EX
2	0.0	2301227	Honda Accord SW LX with ABS
33	0.0	2301306	Honda Civic Del Sol Conv S
41	0.0	2301310	Honda Civic Del Sol Conv SI
7	0.0	2301325	Honda Civic Del Sol Conv VTEC
340	0.2	2301401	Honda Civic 2D Coupe DX

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
23	0.0	2301410	Honda Civic 2D Coupe SI
587	0.3	2301418	Honda Civic 2D Coupe EX
53	0.0	2301428	Honda Civic 2D Coupe EX with ABS
55	0.0	2301431	Honda Civic 2D Coupe HX
9	0.0	2301500	Honda Passport 4D 4x2
92	0.1	2301600	Honda Passport 4D 4x4
34	0.0	2301703	Honda Odyssey Wagon LX
8	0.0	2301718	Honda Odyssey Wagon EX
60	0.0	2301803	Honda CR-V 4D 4WD LX
57	0.0	2301818	Honda CR-V 4D 4WD EX
27	0.0	2301827	Honda CR-V 4D 4WD LX with ABS
2	0.0	2302003	Honda CR-V 4D 2WD LX
6	0.0	2302203	Honda Odyssey Minivan LX
11	0.0	2302218	Honda Odyssey Minivan EX
2	0.0	2302342	Honda S2000 Conv Soft Top
8	0.0	2400000	Porsche Unknown Series Model
1	0.0	2400100	Porsche 914 Roadster
5	0.0	2400200	Porsche 911 Coupe
5	0.0	2400203	Porsche 911 Coupe Carrera 4/Carrera 2
1	0.0	2400303	Porsche 911 Targa Carrera 4/Carrera 2
4	0.0	2400600	Porsche 924 Coupe
6	0.0	2400602	Porsche 924 Coupe S
1	0.0	2400700	Porsche 928 Coupe
31	0.0	2400800	Porsche 944 Coupe
4	0.0	2400801	Porsche 944 Coupe Turbo
3	0.0	2400802	Porsche 944 Coupe S
2	0.0	2400900	Porsche 911 Targa/Cabriolet
4	0.0	2401203	Porsche 911 Conv Carrera 4/Carrera 2
1	0.0	2401303	Porsche 911 Targa/Coupe Carrera 4/Carrera 2
1	0.0	2401400	Porsche 968 Coupe
1	0.0	2401500	Porsche 968 Conv
9	0.0	2401600	Porsche Boxter Conv
2	0.0	2500100	MG MG Midget
1	0.0	2500300	MG MGB
132	0.1	2600000	Subaru Unknown Series Model
5	0.0	2601002	Subaru DL/GL SW 4WD DL
33	0.0	2601003	Subaru DL/GL SW 4WD GL
1	0.0	2601008	Subaru DL/GL SW 4WD GL Turbo
5	0.0	2601010	Subaru DL/GL SW 4WD GL-10 Turbo
4	0.0	2601023	Subaru DL/GL SW 4WD GL/GL Turbo
1	0.0	2601403	Subaru Brat 4x4 GL
2	0.0	2601501	Subaru Hatchback STD
1	0.0	2601502	Subaru Hatchback DL
9	0.0	2601503	Subaru Hatchback GL
5	0.0	2601603	Subaru Hatchback 4WD GL
17	0.0	2601702	Subaru DL/GL 4D Sedan 2WD DL
39	0.0	2601703	Subaru DL/GL 4D Sedan 2WD GL
4	0.0	2601709	Subaru DL/GL 4D Sedan 2WD GL-10
2	0.0	2601710	Subaru DL/GL 4D Sedan 2WD GL-10 Turbo
5	0.0	2601723	Subaru DL/GL 4D Sedan 2WD GL/GL Turbo
12	0.0	2601803	Subaru Hardtop/XT 2D 2WD GL
1	0.0	2601809	Subaru Hardtop/XT 2D 2WD GL-10

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
1	0.0	2601810	Subaru Hardtop/XT 2D 2WD GL-10 Turbo
3	0.0	2601813	Subaru Hardtop/XT 2D 2WD XT6
11	0.0	2601902	Subaru DL/GL SW 2WD DL
41	0.0	2601903	Subaru DL/GL SW 2WD GL
1	0.0	2601908	Subaru DL/GL SW 2WD GL Turbo
6	0.0	2601909	Subaru DL/GL SW 2WD GL-10
5	0.0	2601910	Subaru DL/GL SW 2WD GL-10 Turbo
1	0.0	2601923	Subaru DL/GL SW 2WD GL/GL Turbo
11	0.0	2602003	Subaru GL 4D 4WD GL
3	0.0	2602010	Subaru GL 4D 4WD GL-10 Turbo
1	0.0	2602103	Subaru Hardtop/XT 2D 4WD GL
1	0.0	2602108	Subaru Hardtop/XT 2D 4WD GL Turbo
5	0.0	2602110	Subaru Hardtop/XT 2D 4WD GL-10 Turbo
6	0.0	2602113	Subaru Hardtop/XT 2D 4WD XT6
6	0.0	2602202	Subaru DL/GL 2D 2WD DL
6	0.0	2602203	Subaru DL/GL 2D 2WD GL
7	0.0	2602303	Subaru GL 2D 4WD GL
3	0.0	2602402	Subaru XT 2D (2 Seat) DL
3	0.0	2602502	Subaru Justy 2D 2WD DL
8	0.0	2602503	Subaru Justy 2D 2WD GL
1	0.0	2602603	Subaru Justy 2D 4WD GL
3	0.0	2602612	Subaru Justy 2D 4WD GL/RS
50	0.0	2602800	Subaru Loyale 4D 2WD
17	0.0	2602900	Subaru Loyale SW 2WD
2	0.0	2603017	Subaru Loyale 2D 4WD RS
3	0.0	2603100	Subaru Loyale 4D 4WD
21	0.0	2603200	Subaru Loyale SW 4WD
1	0.0	2603219	Subaru Loyale SW 4WD Turbo
1	0.0	2603300	Subaru Legacy 4D 2WD
96	0.1	2603314	Subaru Legacy 4D 2WD L/L+
3	0.0	2603315	Subaru Legacy 4D 2WD LS
4	0.0	2603316	Subaru Legacy 4D 2WD LS Special
6	0.0	2603324	Subaru Legacy 4D 2WD LS/LSI
4	0.0	2603329	Subaru Legacy 4D 2WD L
40	0.0	2603414	Subaru Legacy SW 2WD L/L+
8	0.0	2603415	Subaru Legacy SW 2WD LS
2	0.0	2603416	Subaru Legacy SW 2WD LS Special
1	0.0	2603422	Subaru Legacy SW 2WD L+ Touring
21	0.0	2603514	Subaru Legacy/Outback 4D 4WD L/L+
2	0.0	2603515	Subaru Legacy/Outback 4D 4WD LS
4	0.0	2603516	Subaru Legacy/Outback 4D 4WD LS Special
13	0.0	2603524	Subaru Legacy/Outback 4D 4WD LS/LSI
1	0.0	2603525	Subaru Legacy/Outback 4D 4WD L+ Turbo
12	0.0	2603527	Subaru Legacy/Outback 4D 4WD L+
1	0.0	2603528	Subaru Legacy/Outback 4D 4WD Turbo Sport Sedan
21	0.0	2603529	Subaru Legacy/Outback 4D 4WD L
8	0.0	2603537	Subaru Legacy/Outback 4D 4WD GT
3	0.0	2603538	Subaru Legacy/Outback 4D 4WD Sport Utility Sedan
1	0.0	2603542	Subaru Legacy/Outback 4D 4WD Outback Limited
45	0.0	2603614	Subaru Legacy/Outback SW 4WD L/L+
7	0.0	2603615	Subaru Legacy/Outback SW 4WD LS
1	0.0	2603616	Subaru Legacy/Outback SW 4WD LS Special

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
1	0.0	2603619	Subaru Legacy/Outback SW 4WD Turbo
8	0.0	2603624	Subaru Legacy/Outback SW 4WD LS/LSI
3	0.0	2603627	Subaru Legacy/Outback SW 4WD L+
39	0.0	2603629	Subaru Legacy/Outback SW 4WD L
1	0.0	2603630	Subaru Legacy/Outback SW 4WD LSI
16	0.0	2603632	Subaru Legacy/Outback SW 4WD Brighton
1	0.0	2603633	Subaru Legacy/Outback SW 4WD Postal
11	0.0	2603635	Subaru Legacy/Outback SW 4WD L/Outback
112	0.1	2603636	Subaru Legacy/Outback SW 4WD Outback
2	0.0	2603637	Subaru Legacy/Outback SW 4WD GT
1	0.0	2603642	Subaru Legacy/Outback SW 4WD Outback Limited
2	0.0	2603815	Subaru SVX 2D 4WD LS
9	0.0	2603826	Subaru SVX 2D 4WD LS-L
1	0.0	2603829	Subaru SVX 2D 4WD L
2	0.0	2603830	Subaru SVX 2D 4WD LSI
3	0.0	2603915	Subaru SVX 2D 2WD LS
1	0.0	2603931	Subaru SVX 2D 2WD LE
1	0.0	2604015	Subaru Impreza 4D 2WD LS
32	0.0	2604027	Subaru Impreza 4D 2WD L+
9	0.0	2604029	Subaru Impreza 4D 2WD L
1	0.0	2604115	Subaru Impreza 4D 4WD LS
26	0.0	2604129	Subaru Impreza 4D 4WD L
1	0.0	2604134	Subaru Impreza 4D 4WD LX
1	0.0	2604215	Subaru Impreza SW 2WD LS
8	0.0	2604227	Subaru Impreza SW 2WD L+
2	0.0	2604229	Subaru Impreza SW 2WD L
1	0.0	2604315	Subaru Impreza SW 4WD LS
2	0.0	2604327	Subaru Impreza SW 4WD L+
5	0.0	2604329	Subaru Impreza SW 4WD L
3	0.0	2604334	Subaru Impreza SW 4WD LX
7	0.0	2604335	Subaru Impreza SW 4WD L/Outback
30	0.0	2604336	Subaru Impreza SW 4WD Outback
1	0.0	2604340	Subaru Impreza SW 4WD Outback Sport
7	0.0	2604429	Subaru Impreza 2D 2WD L
5	0.0	2604517	Subaru Impreza 2D 4WD RS
7	0.0	2604529	Subaru Impreza 2D 4WD L
11	0.0	2604532	Subaru Impreza 2D 4WD Brighton
6	0.0	2604534	Subaru Impreza 2D 4WD LX
37	0.0	2604629	Subaru Forester 4D 4WD L
13	0.0	2604639	Subaru Forester 4D 4WD S
17	0.0	2700000	Chry/Plym/Mits Unknown Series Model
1	0.0	2700200	Chry/Plym/Mits Sapporo 2D
1	0.0	2700400	Chry/Plym/Mits Champ 4D
24	0.0	2700500	Chry/Plym/Mits Colt 2D
1	0.0	2700502	Chry/Plym/Mits Colt 2D GT
15	0.0	2700506	Chry/Plym/Mits Colt 2D E
3	0.0	2700507	Chry/Plym/Mits Colt 2D DL
15	0.0	2700513	Chry/Plym/Mits Colt 2D GL
2	0.0	2700600	Chry/Plym/Mits Colt 4D
2	0.0	2700606	Chry/Plym/Mits Colt 4D E
12	0.0	2700607	Chry/Plym/Mits Colt 4D DL
5	0.0	2700609	Chry/Plym/Mits Colt 4D Premier

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
6	0.0	2700613	Chry/Plym/Mits Colt 4D GL
19	0.0	2700700	Chry/Plym/Mits Colt Vista SW 2WD
6	0.0	2700714	Chry/Plym/Mits Colt Vista SW 2WD SE
9	0.0	2700800	Chry/Plym/Mits Conquest 2D
2	0.0	2700812	Chry/Plym/Mits Conquest 2D TSI
2	0.0	2700900	Chry/Plym/Mits Colt Vista SW 4WD
9	0.0	2701007	Chry/Plym/Mits Colt SW 2WD DL
1	0.0	2701011	Chry/Plym/Mits Colt SW 2WD DL Turbo
1	0.0	2701107	Chry/Plym/Mits Colt SW 4WD DL
23	0.0	2800000	GMCA/Passport Unknown Series Model
1	0.0	2801606	GMCA/Passport Parisienne 4D Brougham
909	0.5	2900000	Chevrolet/Geo Truck Unknown Series Model
7	0.0	2900100	Chevrolet/Geo 10/1500 Chassis C 1/2T
712	0.4	2900200	Chevrolet/Geo 10/1500 PU 1/2T
10	0.0	2900201	Chevrolet/Geo 10/1500 PU 1/2T 4-Wheel Drive
79	0.0	2900300	Chevrolet/Geo Suburban 1/2T
1	0.0	2900301	Chevrolet/Geo Suburban 1/2T 4-Wheel Drive
2	0.0	2900305	Chevrolet/Geo Suburban 1/2T Incomplete
1	0.0	2900306	Chevrolet/Geo Suburban 1/2T Truck
1	0.0	2900400	Chevrolet/Geo Blazer 1/2T
5	0.0	2900401	Chevrolet/Geo Blazer 1/2T 4-Wheel Drive
18	0.0	2900500	Chevrolet/Geo 20/2500 Chassis C 3/4T
168	0.1	2900600	Chevrolet/Geo 20/2500 PU 3/4T
6	0.0	2900601	Chevrolet/Geo 20/2500 PU 3/4T 4-Wheel Drive
33	0.0	2900700	Chevrolet/Geo Suburban 3/4T
60	0.0	2900800	Chevrolet/Geo 30 Chassis Cab 1T
10	0.0	2900900	Chevrolet/Geo 30 Pickup 1T
145	0.1	2901000	Chevrolet/Geo Chevan/EXP CG 1500 4x2
35	0.0	2901005	Chevrolet/Geo Chevan/EXP CG 1500 4x2 Incomplete
10	0.0	2901100	Chevrolet/Geo Sportvan 1/2T
294	0.2	2901200	Chevrolet/Geo Chevan/EXP CG 2500 4x2
223	0.1	2901205	Chevrolet/Geo Chevan/EXP CG 2500 4x2 Incomplete
25	0.0	2901300	Chevrolet/Geo Sportvan 3/4T
1	0.0	2901400	Chevrolet/Geo Cutaway Van 1T
96	0.1	2901500	Chevrolet/Geo Chevyvan 1T
7	0.0	2901600	Chevrolet/Geo Sportvan 1T
19	0.0	2901608	Chevrolet/Geo Sportvan 1T Bus
163	0.1	2901801	Chevrolet/Geo Suburban 1/2T 4x4 4-Wheel Drive
2	0.0	2901805	Chevrolet/Geo Suburban 1/2T 4x4 Incomplete
168	0.1	2901901	Chevrolet/Geo Blazer 1/2T 4x4 4-Wheel Drive
33	0.0	2902001	Chevrolet/Geo Suburban 3/4T 4x4 4-Wheel Drive
4	0.0	2902101	Chevrolet/Geo 10/1500 CC 1/2T 4x4 4-Wheel Drive
242	0.1	2902201	Chevrolet/Geo 10/1500 PU 1/2T 4x4 4-Wheel Drive
7	0.0	2902301	Chevrolet/Geo 20/2500 CC 3/4T 4x4 4-Wheel Drive
142	0.1	2902401	Chevrolet/Geo 20/2500 PU 3/4T 4x4 4-Wheel Drive
2	0.0	2902501	Chevrolet/Geo 30 Chassis C 1T 4x4 4-Wheel Drive
1	0.0	2902601	Chevrolet/Geo 30 Pickup 1T 4x4 4-Wheel Drive
30	0.0	2903000	Chevrolet/Geo El Camino
163	0.1	2903201	Chevrolet/Geo Tahoe 4D 4x4 4-Wheel Drive
8	0.0	2903300	Chevrolet/Geo Tahoe 4D 4x2
1	0.0	2903309	Chevrolet/Geo Tahoe 4D 4x2 Limited
7	0.0	2903500	Chevrolet/Geo Tracker 4D 4x2

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
30	0.0	2903600	Chevrolet/Geo Tracker 4D 4x4
2	0.0	2903700	Chevrolet/Geo Express Van 1500 4x2
2	0.0	2903800	Chevrolet/Geo Express Van 2500 4x2
2	0.0	2903808	Chevrolet/Geo Express Van 2500 4x2 Bus
3	0.0	2903908	Chevrolet/Geo Express Van 3500 4x2 Bus
961	0.5	2904100	Chevrolet/Geo S10 Pickup 4x2
1	0.0	2904113	Chevrolet/Geo S10 Pickup 4x2 Electric
117	0.1	2904201	Chevrolet/Geo T10 Pickup 4x4 4-Wheel Drive
93	0.1	2904300	Chevrolet/Geo S10 Blazer 2D 4x2
2	0.0	2904306	Chevrolet/Geo S10 Blazer 2D 4x2 Truck
526	0.3	2904401	Chevrolet/Geo T10 Blazer 2D 4x4 4-Wheel Drive
1	0.0	2904405	Chevrolet/Geo T10 Blazer 2D 4x4 Incomplete
2	0.0	2904406	Chevrolet/Geo T10 Blazer 2D 4x4 Truck
36	0.0	2904500	Chevrolet/Geo S10 Chassis Cab 4x2
206	0.1	2904607	Chevrolet/Geo Astro Van 4x2 MPV
34	0.0	2904705	Chevrolet/Geo Astro Cargo Van 4x2 Incomplete
94	0.1	2904706	Chevrolet/Geo Astro Cargo Van 4x2 Truck
306	0.2	2904800	Chevrolet/Geo S10 PU Ext Cab 4x2
94	0.1	2904901	Chevrolet/Geo T10 PU Ext Cab 4x4 4-Wheel Drive
18	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
10	0.0	2905203	Chevrolet/Geo 30/3500 CR CC 1T 4x4 Bonus/Crew Cab 4WD
26	0.0	2905303	Chevrolet/Geo 30/3500 CR C PU 1T 4x4 Bonus/Crew Cab 4WD
13	0.0	2905502	Chevrolet/Geo Crew Cab PU 3/4T 4x2 Bonus/Crew Cab
43	0.0	2905600	Chevrolet/Geo Cutaway/RV Cut Van 1T
135	0.1	2905700	Chevrolet/Geo 1500 PU Ext C 1/2T 4x2
189	0.1	2905801	Chevrolet/Geo 1500 PU Ext C 1/2T 4x4 4-Wheel Drive
34	0.0	2905900	Chevrolet/Geo 2500 PU Ext C 3/4T 4x2
45	0.0	2906001	Chevrolet/Geo 2500 PU Ext C 3/4T 4x4 4-Wheel Drive
10	0.0	2906100	Chevrolet/Geo 3500 PU Ext C 1T 4x2
6	0.0	2906201	Chevrolet/Geo 3500 PU Ext C 1T 4x4 4-Wheel Drive
1	0.0	2906300	Chevrolet/Geo 3500 CC Ext C 1T 4x2
2	0.0	2906401	Chevrolet/Geo 3500 CC Ext C 1T 4x4 4-Wheel Drive
135	0.1	2906500	Chevrolet/Geo 3500 CC 1T 4x2 (C Body)
18	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)
15	0.0	2906801	Chevrolet/Geo 3500 PU 1T 4x4 (K Body) 4-Wheel Drive
135	0.1	2906900	Chevrolet/Geo Geo Tracker 2D 4x4
104	0.1	2907007	Chevrolet/Geo Lumina APV/Van MPV
2	0.0	2907105	Chevrolet/Geo Lumina APV Cargo Van Incomplete
10	0.0	2907106	Chevrolet/Geo Lumina APV Cargo Van Truck
1	0.0	2907207	Chevrolet/Geo Astro Van 4x4 MPV
174	0.1	2907407	Chevrolet/Geo Astro Ext Van 4x2 MPV
61	0.0	2907505	Chevrolet/Geo Astro Ext Cargo Van 4x2 Incomplete
119	0.1	2907506	Chevrolet/Geo Astro Ext Cargo Van 4x2 Truck
26	0.0	2907607	Chevrolet/Geo Astro Ext Van 4x4 MPV
7	0.0	2907705	Chevrolet/Geo Astro Ext Cargo Van 4x4 Incomplete
13	0.0	2907706	Chevrolet/Geo Astro Ext Cargo Van 4x4 Truck
13	0.0	2907808	Chevrolet/Geo Sportvan 1T Ext Bus
10	0.0	2907900	Chevrolet/Geo Chevyvan 1T Ext
1	0.0	2907905	Chevrolet/Geo Chevyvan 1T Ext Incomplete

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
667	0.4	2908001	Chevrolet/Geo T10 Blazer 4D 4x4 4-Wheel Drive
45	0.0	2908100	Chevrolet/Geo S10 Blazer 4D 4x2
1	0.0	2908106	Chevrolet/Geo S10 Blazer 4D 4x2 Truck
65	0.0	2908200	Chevrolet/Geo Geo Tracker 2D 4x2
9	0.0	2908300	Chevrolet/Geo 1500 CC Ext C 1/2T 4x2
3	0.0	2908401	Chevrolet/Geo 1500 CC Ext C 1/2T 4x4 4-Wheel Drive
2	0.0	2908601	Chevrolet/Geo 2500 CC Ext C 3/4T 4x4 4-Wheel Drive
19	0.0	2908700	Chevrolet/Geo P30 RV Chassis
4	0.0	2908808	Chevrolet/Geo Express Van 3500 Ext 4x2 Bus
50	0.0	2908900	Chevrolet/Geo Chevan/Exp CG 3500 4x2
14	0.0	2909000	Chevrolet/Geo Chevan/Exp CG 3500 Ext 4x2
1	0.0	2909005	Chevrolet/Geo Chevan/Exp CG 3500 Ext 4x2 Incomplete
32	0.0	2909100	Chevrolet/Geo Cut/RV Cut V 3500
7	0.0	2909300	Chevrolet/Geo Chevan/Exp CG 2500 Ext 4x2
22	0.0	2909407	Chevrolet/Geo Venture Van SWB 2WD MPV
66	0.0	2909507	Chevrolet/Geo Venture Van LWB 2WD MPV
17	0.0	2909700	Chevrolet/Geo Silverado 1500 PU 4x2
15	0.0	2909800	Chevrolet/Geo Silverado 1500 PU E C 4x2
4	0.0	2909900	Chevrolet/Geo Silverado 1500 PU 4x4
26	0.0	2910000	Chevrolet/Geo Silverado 1500 PU E C 4x4
2	0.0	2910700	Chevrolet/Geo Silverado 2500 PU 4x4
8	0.0	2910800	Chevrolet/Geo Silverado 2500 PU E C 4x4
1	0.0	2911303	Chevrolet/Geo Crew Cab PU 3/4T 4x4 Bonus/Crew Cab 4WD
494	0.3	3000000	GMC Unknown Series Model
192	0.1	3000200	GMC 1500 Pickup 1/2T
1	0.0	3000201	GMC 1500 Pickup 1/2T 4-Wheel Drive
19	0.0	3000300	GMC Suburban 1/2T
1	0.0	3000301	GMC Suburban 1/2T 4-Wheel Drive
1	0.0	3000400	GMC Jimmy 1/2T
6	0.0	3000500	GMC 2500 Chassis C 3/4T
59	0.0	3000600	GMC 2500 Pickup 3/4T
8	0.0	3000700	GMC Suburban 3/4T
1	0.0	3000706	GMC Suburban 3/4T Incomplete
19	0.0	3000800	GMC 3500 Chassis Cab 1T
6	0.0	3000900	GMC 3500 Pickup 1T
12	0.0	3001000	GMC Vandura 1/2T
1	0.0	3001006	GMC Vandura 1/2T Incomplete
59	0.0	3001200	GMC Vandura 3/4T
37	0.0	3001206	GMC Vandura 3/4T Incomplete
9	0.0	3001300	GMC Rally Van 3/4T
29	0.0	3001500	GMC Vandura 1T
78	0.0	3002101	GMC Suburban 1/2T 4x4 4-Wheel Drive
2	0.0	3002106	GMC Suburban 1/2T 4x4 Incomplete
23	0.0	3002201	GMC Jimmy 1/2T 4x4 4-Wheel Drive
11	0.0	3002301	GMC Suburban 3/4T 4x4 4-Wheel Drive
1	0.0	3002501	GMC 1500 Chass 1/2T 4x4 4-Wheel Drive
90	0.0	3002601	GMC 1500 Pickup 1/2T 4x4 4-Wheel Drive
1	0.0	3002701	GMC 2500 Chass 3/4T 4x4 4-Wheel Drive
35	0.0	3002801	GMC 2500 Pickup 3/4T 4x4 4-Wheel Drive
2	0.0	3002901	GMC 3500 Chass C 1T 4x4 4-Wheel Drive
11	0.0	3003101	GMC Yukon 2D 4x4 4-Wheel Drive
54	0.0	3003201	GMC Yukon 4D 4x4 4-Wheel Drive

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
1	0.0	3003600	GMC Savana Van 2500 4x2
5	0.0	3003800	GMC Savana Cargo Van 1500 4x2
6	0.0	3003806	GMC Savana Cargo Van 1500 4x2 Incomplete
13	0.0	3003900	GMC Savana Cargo Van 2500 4x2
1	0.0	3003906	GMC Savana Cargo Van 2500 4x2 Incomplete
22	0.0	3004000	GMC Cutaway/RV Cut Van 1T
133	0.1	3004100	GMC S15/Sonoma Pickup 4x2
20	0.0	3004201	GMC T15/Sonoma Pickup 4x4 4-Wheel Drive
1	0.0	3004210	GMC T15/Sonoma Pickup 4x4 Syclone Incomplete
14	0.0	3004300	GMC S15 Jimmy 2D 4x2
79	0.0	3004401	GMC T15 Jimmy 2D 4x4 4-Wheel Drive
28	0.0	3004608	GMC Safari Van 4x2 MPV
3	0.0	3004706	GMC Safari Cargo Van 4x2 Incomplete
23	0.0	3004707	GMC Safari Cargo Van 4x2 Truck
57	0.0	3004800	GMC S15/Sonoma PU Ext Cab 4x2
15	0.0	3004901	GMC T15/Sonoma PU Ext Cab 4x4 4-Wheel Drive
10	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
6	0.0	3005204	GMC 3500 Crew CC 1T 4x4 Crew/Bonus Cab 4WD
8	0.0	3005304	GMC 3500 Crew PU 1T 4x4 Crew/Bonus Cab 4WD
1	0.0	3005503	GMC 2500 Crew PU 3/4T 4x2 Crew/Bonus Cab
1	0.0	3005604	GMC 2500 Crew PU 3/4T 4x4 Crew/Bonus Cab 4WD
47	0.0	3005700	GMC 1500 PU Ext C 1/2T 4x2
61	0.0	3005801	GMC 1500 PU Ext C 1/2T 4x4 4-Wheel Drive
12	0.0	3005900	GMC 2500 PU Ext C 3/4T 4x2
16	0.0	3006001	GMC 2500 PU Ext C 3/4T 4x4 4-Wheel Drive
4	0.0	3006100	GMC 3500 PU Ext C 1T 4x2
5	0.0	3006201	GMC 3500 PU Ext C 1T 4x4 4-Wheel Drive
1	0.0	3006300	GMC 3500 CC Ext C 1T 4x2
63	0.0	3006500	GMC 3500 CC 1T 4x2 (C Body)
5	0.0	3006601	GMC 3500 CC 1T 4x4 (K Body) 4-Wheel Drive
7	0.0	3006700	GMC 3500 PU 1T 4x2 (C Body)
4	0.0	3006801	GMC 3500 PU 1T 4x4 (K Body) 4-Wheel Drive
2	0.0	3006908	GMC Safari Van 4x4 MPV
51	0.0	3007108	GMC Safari Ext Van 4x2 MPV
11	0.0	3007206	GMC Safari Ext Cargo Van 4x2 Incomplete
22	0.0	3007207	GMC Safari Ext Cargo Van 4x2 Truck
20	0.0	3007308	GMC Safari Ext Van 4x4 MPV
1	0.0	3007406	GMC Safari Ext Cargo Van 4x4 Incomplete
1	0.0	3007407	GMC Safari Ext Cargo Van 4x4 Truck
1	0.0	3007509	GMC Rally Van 1T Ext Bus
5	0.0	3007600	GMC Vandura 1T Ext
165	0.1	3007701	GMC T15 Jimmy 4D 4x4 4-Wheel Drive
6	0.0	3007800	GMC S15 Jimmy 4D 4x2
16	0.0	3008600	GMC Savana Cargo Van 3500 4x2
2	0.0	3008709	GMC Savana Van 3500 Ext 4x2 Bus
5	0.0	3008800	GMC Savana CG V 3500 Ext 4x2
21	0.0	3008900	GMC CUT/RV Cut V 3500
2	0.0	3009100	GMC Savana CG V 2500 Ext 4x2
1	0.0	3009200	GMC Sierra 1500 PU 4x2
3	0.0	3009300	GMC Sierra 1500 PU E C 4x2
3	0.0	3009400	GMC Sierra 1500 PU 4x4

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
7	0.0	3009500	GMC Sierra 1500 PU E C 4x4
2	0.0	3010200	GMC Sierra 2500 PU 4x4
1	0.0	3010300	GMC Sierra 2500 PU E C 4x4
1538	0.8	3100000	Ford Truck Unknown Series Model
1	0.0	3100101	Ford E100 Econo Club Wagon Club Wagon
83	0.0	3100201	Ford E150 Econo Club Wagon Club Wagon
1	0.0	3100208	Ford E150 Econo Club Wagon Super Club Wagon
1	0.0	3100301	Ford E200 Econo Club Wagon Club Wagon
16	0.0	3100401	Ford E250 Econo Club Wagon Club Wagon
1	0.0	3100408	Ford E250 Econo Club Wagon Super Club Wagon
2	0.0	3100501	Ford E300 Econo Club Wagon Club Wagon
15	0.0	3100601	Ford E350 Econo Club Wagon Club Wagon
175	0.1	3100608	Ford E350 Econo Club Wagon Super Club Wagon
106	0.1	3100700	Ford F100 Pickup 4x2
1162	0.6	3100800	Ford F150 Pickup 4x2
5	0.0	3100823	Ford F150 Pickup 4x2 Flareside
176	0.1	3100824	Ford F150 Pickup 4x2 Styleside
283	0.2	3100900	Ford F250 Pickup 4x2
11	0.0	3100924	Ford F250 Pickup 4x2 Styleside
14	0.0	3101000	Ford F350 Pickup 4x2
2	0.0	3101026	Ford F350 Pickup 4x2 Dual Rear Wheels
19	0.0	3101100	Ford Bronco
264	0.1	3101114	Ford Bronco 4-Wheel Drive
9	0.0	3101202	Ford E100 Econo Cargo Van Cargo Van
2	0.0	3101203	Ford E100 Econo Cargo Van Window Van
331	0.2	3101302	Ford E150 Econo Cargo Van Cargo Van
9	0.0	3101303	Ford E150 Econo Cargo Van Window Van
4	0.0	3101304	Ford E150 Econo Cargo Van Display Van
4	0.0	3101309	Ford E150 Econo Cargo Van Super Cargo Van
1	0.0	3101310	Ford E150 Econo Cargo Van Super Window Van
1	0.0	3101311	Ford E150 Econo Cargo Van Super Display Van
255	0.1	3101320	Ford E150 Econo Cargo Van Incomplete
404	0.2	3101402	Ford E250 Econo Cargo Van Cargo Van
1	0.0	3101403	Ford E250 Econo Cargo Van Window Van
1	0.0	3101404	Ford E250 Econo Cargo Van Display Van
72	0.0	3101409	Ford E250 Econo Cargo Van Super Cargo Van
9	0.0	3101420	Ford E250 Econo Cargo Van Incomplete
4	0.0	3101421	Ford E250 Econo Cargo Van Heavy Duty Cargo Van
120	0.1	3101502	Ford E350 Econo Cargo Van Cargo Van
1	0.0	3101503	Ford E350 Econo Cargo Van Window Van
2	0.0	3101504	Ford E350 Econo Cargo Van Display Van
38	0.0	3101509	Ford E350 Econo Cargo Van Super Cargo Van
1	0.0	3101510	Ford E350 Econo Cargo Van Super Window Van
23	0.0	3101520	Ford E350 Econo Cargo Van Incomplete
1	0.0	3101602	Ford E200 Econo Cargo Van Cargo Van
2	0.0	3101900	Ford F150 Chassis C 4x2
8	0.0	3102000	Ford F250 Chassis C 4x2
322	0.2	3102100	Ford F350 Chassis C 4x2
16	0.0	3102126	Ford F350 Chassis C 4x2 Dual Rear Wheels
12	0.0	3102200	Ford F150 Pickup 4x4
346	0.2	3102214	Ford F150 Pickup 4x4 4-Wheel Drive
6	0.0	3102223	Ford F150 Pickup 4x4 Flareside

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
44	0.0	3102224	Ford F150 Pickup 4x4 Styleside
3	0.0	3102300	Ford F150 Chassis C 4x4
1	0.0	3102314	Ford F150 Chassis C 4x4 4-Wheel Drive
9	0.0	3102400	Ford F250 Pickup 4x4
191	0.1	3102414	Ford F250 Pickup 4x4 4-Wheel Drive
4	0.0	3102424	Ford F250 Pickup 4x4 Styleside
43	0.0	3102514	Ford F350 Chassis C 4x4 4-Wheel Drive
3	0.0	3102526	Ford F350 Chassis C 4x4 Dual Rear Wheels
3	0.0	3102600	Ford F350 Pickup 4x4
67	0.0	3102614	Ford F350 Pickup 4x4 4-Wheel Drive
1	0.0	3102626	Ford F350 Pickup 4x4 Dual Rear Wheels
1	0.0	3102700	Ford F250 Chassis C 4x4
998	0.6	3102800	Ford Ranger Pickup 4x2
151	0.1	3102914	Ford Ranger Pickup 4x4 4-Wheel Drive
241	0.1	3103100	Ford Bronco II 4x4
413	0.2	3103217	Ford Aerostar Van 4x2 Window Wagon
55	0.0	3103302	Ford Aerostar Cargo Van 4x2 Cargo Van
4	0.0	3103303	Ford Aerostar Cargo Van 4x2 Window Van
2	0.0	3103320	Ford Aerostar Cargo Van 4x2 Incomplete
15	0.0	3103400	Ford Bronco II 4x2
1	0.0	3103505	Ford E250 Cutaway/Chassis Cutaway
9	0.0	3103516	Ford E250 Cutaway/Chassis Stripped Chassis
176	0.1	3103705	Ford E350 Cutaway/Chassis Van Cutaway
5	0.0	3103716	Ford E350 Cutaway/Chassis Van Stripped Chassis
182	0.1	3103807	Ford E350 RV Cutaway Van RV Cutaway
2	0.0	3103906	Ford E350 Parcel Van Parcel Delivery Van
152	0.1	3104012	Ford F150 Super PU 4x2 Super Pickup 4x2
6	0.0	3104023	Ford F150 Super PU 4x2 Flareside
130	0.1	3104024	Ford F150 Super PU 4x2 Styleside
59	0.0	3104112	Ford F250 Super PU 4x2 Super Pickup 4x2
15	0.0	3104124	Ford F250 Super PU 4x2 Styleside
15	0.0	3104212	Ford F350 Super PU 4x2 Super Pickup 4x2
87	0.0	3104315	Ford F350 Crew C PU 4x2 Crew Cab
2	0.0	3104326	Ford F350 Crew C PU 4x2 Dual Rear Wheels
82	0.0	3104413	Ford F150 Super PU 4x4 Super Pickup 4x4
11	0.0	3104423	Ford F150 Super PU 4x4 Flareside
106	0.1	3104424	Ford F150 Super PU 4x4 Styleside
106	0.1	3104513	Ford F250 Super PU 4x4 Super Pickup 4x4
25	0.0	3104524	Ford F250 Super PU 4x4 Styleside
46	0.0	3104615	Ford F350 Crew C PU 4x4 Crew Cab
9	0.0	3104626	Ford F350 Crew C PU 4x4 Dual Rear Wheels
498	0.3	3104718	Ford Ranger Super PU 4x2 Super Cab
208	0.1	3104818	Ford Ranger Super PU 4x4 Super Cab
3	0.0	3104914	Ford F350 Super PU 4x4 4-Wheel Drive
3	0.0	3104926	Ford F350 Super PU 4x4 Dual Rear Wheels
265	0.1	3105000	Ford F-Super Duty C C 4x2
154	0.1	3105117	Ford Aerostar Ext Van 4x2 Window Wagon
10	0.0	3105202	Ford Aerostar Ext CG Van 4x2 Cargo Van
1	0.0	3105203	Ford Aerostar Ext CG Van 4x2 Window Van
1	0.0	3105220	Ford Aerostar Ext CG Van 4x2 Incomplete
2	0.0	3105317	Ford Aerostar Van 4x4 Window Wagon
2	0.0	3105402	Ford Aerostar Cargo V 4x4 Cargo Van

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
47	0.0	3105517	Ford Aerostar Ext Van 4x4 Window Van
1	0.0	3105602	Ford Aerostar E C Van 4x4 Cargo Van
59	0.0	3105700	Ford Explorer 2D 4x2
187	0.1	3105800	Ford Explorer 2D 4x4
1	0.0	3105834	Ford Explorer 2D 4x4 Sport
102	0.1	3105900	Ford Explorer 4D 4x2
1	0.0	3105936	Ford Explorer 4D 4x2 XLS
1140	0.6	3106000	Ford Explorer 4D 4x4
96	0.1	3106025	Ford Explorer 4D 4x4 AWD
3	0.0	3106031	Ford Explorer 4D 4x4 XLT
1	0.0	3106032	Ford Explorer 4D 4x4 Eddie Bauer
454	0.3	3106100	Ford Windstar Van
50	0.0	3106128	Ford Windstar Van 3.0L/LX
12	0.0	3106129	Ford Windstar Van SE
7	0.0	3106130	Ford Windstar Van SEL
5	0.0	3106142	Ford Windstar Van LX
19	0.0	3106200	Ford Windstar Cargo Van
5	0.0	3106300	Ford F53 Motorhome Chassis
1	0.0	3106424	Ford F250 Crew C PU 4x2 Styleside
7	0.0	3106515	Ford F250 Crew C PU 4x4 Crew Cab
8	0.0	3106524	Ford F250 Crew C PU 4x4 Styleside
1	0.0	3106800	Ford F250 Super CC 4x2
1	0.0	3107326	Ford F350 Crew CC 4x2 Dual Rear Wheels
1	0.0	3107415	Ford F350 Crew CC 4x4 Crew Cab
13	0.0	3107500	Ford Expedition 4D 4x2
1	0.0	3107531	Ford Expedition 4D 4x2 XLT
231	0.1	3107600	Ford Expedition 4D 4x4
1	0.0	3107631	Ford Expedition 4D 4x4 XLT
3	0.0	3107632	Ford Expedition 4D 4x4 Eddie Bauer
9	0.0	3107724	Ford F250 PU 4x2 LD Styleside
3	0.0	3107924	Ford F250 SUP PU 4x2 LD Styleside
7	0.0	3108124	Ford F250 PU 4x4 LD Styleside
6	0.0	3108324	Ford F250 SUP PU 4x4 LD Styleside
57	0.0	3108507	Ford E450 RV Cutaway Van RV Cutaway
5	0.0	3108605	Ford E450 RV Cutaway/Chass Van Cutaway
1	0.0	3108726	Ford F350 Super CC 4x4 Dual Rear Wheels
16	0.0	3108826	Ford F450 Chassis C 4x2 Dual Rear Wheels
1	0.0	3108926	Ford F450 Chassis C 4x4 Dual Rear Wheels
1	0.0	3109026	Ford F450 Crew CC 4x2 Dual Rear Wheels
1	0.0	3109126	Ford F450 Crew CC 4x4 Dual Rear Wheels
4	0.0	3109226	Ford F550 Chassis C 4x2 Dual Rear Wheels
1	0.0	3109426	Ford F550 Crew CC 4x2 Dual Rear Wheels
3	0.0	3109526	Ford F550 Crew CC 4x4 Dual Rear Wheels
1	0.0	3109726	Ford F650 Chassis C 4x2 Dual Rear Wheels
1	0.0	3109926	Ford F650 Crew CC 4x2 Dual Rear Wheels
1	0.0	3110431	Ford Excursion 4D 4x4 XLT
6	0.0	3111426	Ford F800 CC 4x2 Dual Rear Wheels
455	0.3	3200000	Dodge Truck Unknown Series Model
1	0.0	3200101	Dodge B100 Van Sportsman
5	0.0	3200102	Dodge B100 Van Tradesman
6	0.0	3200201	Dodge B200 Van Sportsman
12	0.0	3200202	Dodge B200 Van Tradesman

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
1	0.0	3200301	Dodge B200 Maxivan Sportsman
2	0.0	3200302	Dodge B200 Maxivan Tradesman
1	0.0	3200401	Dodge B300 Van Sportsman
2	0.0	3200402	Dodge B300 Van Tradesman
1	0.0	3200501	Dodge B300 Maxivan Sportsman
2	0.0	3200502	Dodge B300 Maxivan Tradesman
2	0.0	3200600	Dodge AW100 Ramcharger
1	0.0	3200700	Dodge AD100 Ramcharger
19	0.0	3200800	Dodge D/W 100/150 PU 1/2T
2	0.0	3200900	Dodge D200/W200 PU 3/4T
4	0.0	3201000	Dodge D300/W300 PU 1T
27	0.0	3201100	Dodge Ram50/D50 PU SH 4x2
5	0.0	3201103	Dodge Ram50/D50 PU SH 4x2 Sport
3	0.0	3201111	Dodge Ram50/D50 PU SH 4x2 Royal
18	0.0	3201203	Dodge AD150 Ramcharger 4x2 Sport
39	0.0	3201303	Dodge AW150 Ramcharger 4x4 Sport
43	0.0	3201410	Dodge B150/B1500 Van Wagon
148	0.1	3201504	Dodge Ram 1500 PU 4x2 Conventional Cab
2	0.0	3201607	Dodge B250/B2500 Van Bus
52	0.0	3201610	Dodge B250/B2500 Van Wagon
38	0.0	3201708	Dodge B150/B1500 CG Van Incomplete
109	0.1	3201709	Dodge B150/B1500 CG Van Truck
17	0.0	3201804	Dodge Ram 2500 PU 4x2 Conventional Cab
144	0.1	3201908	Dodge B250/B2500 CG Van Incomplete
154	0.1	3201909	Dodge B250/B2500 CG Van Truck
138	0.1	3202007	Dodge B350/B3500 Van Bus
9	0.0	3202010	Dodge B350/B3500 Van Wagon
1	0.0	3202108	Dodge B350/B3500 CG Van Incomplete
83	0.0	3202109	Dodge B350/B3500 CG Van Truck
3	0.0	3202204	Dodge Ram 3500 PU 4x2 Conventional Cab
1	0.0	3202304	Dodge Ram 2500 CC 4x2 Conventional Cab
157	0.1	3202404	Dodge D100/D150 Pickup 4x2 Conventional Cab
1	0.0	3202504	Dodge D250 Chassis Cab 4x2 Conventional Cab
29	0.0	3202604	Dodge D250 Pickup 4x2 Conventional Cab
10	0.0	3202704	Dodge D350 Chassis Cab 4x2 Conventional Cab
10	0.0	3202804	Dodge D350 Pickup 4x2 Conventional Cab
38	0.0	3202904	Dodge W100/W150 Pickup 4x4 Conventional Cab
1	0.0	3203004	Dodge W250 Chassis Cab 4x4 Conventional Cab
30	0.0	3203104	Dodge W250 Pickup 4x4 Conventional Cab
1	0.0	3203304	Dodge W350 Pickup 4x4 Conventional Cab
3	0.0	3203400	Dodge Rampage Pickup
10	0.0	3203500	Dodge Ram50/D50 PU SH 4x4
2	0.0	3203503	Dodge Ram50/D50 PU SH 4x4 Sport
19	0.0	3203617	Dodge Caravan CG Van 2WD Mini Ram Van
10	0.0	3203618	Dodge Caravan CG Van 2WD Caravan C/V
2	0.0	3203620	Dodge Caravan CG Van 2WD Royal
647	0.4	3203700	Dodge Caravan Van 2WD
285	0.2	3203713	Dodge Caravan Van 2WD SE
100	0.1	3203714	Dodge Caravan Van 2WD LE
7	0.0	3203725	Dodge Caravan Van 2WD LE/ES
39	0.0	3203728	Dodge Caravan Van 2WD SE/Sport
5	0.0	3203804	Dodge Ram 3500 CC 4x2 Conventional Cab

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
255	0.1	3203900	Dodge Dakota Pickup 4x2
6	0.0	3203903	Dodge Dakota Pickup 4x2 Sport
1	0.0	3203916	Dodge Dakota Pickup 4x2 Shelby
15	0.0	3203927	Dodge Dakota Pickup 4x2 Base/Sport/LE
65	0.0	3204000	Dodge Dakota Pickup 4x4
8	0.0	3204003	Dodge Dakota Pickup 4x4 Sport
3	0.0	3204027	Dodge Dakota Pickup 4x4 Base/Sport/LE
4	0.0	3204100	Dodge Ram 50 PU Long 4x2
3	0.0	3204115	Dodge Ram 50 PU Long 4x2 Custom
3	0.0	3204200	Dodge Ram 50 PU Long 4x4
3	0.0	3204305	Dodge D150 Club C PU 4x2 2-Door Club Cab
4	0.0	3204405	Dodge D250 Club C PU 4x2 2-Door Club Cab
1	0.0	3204506	Dodge D250 Crew C PU 4x2 2-Door Crew Cab
3	0.0	3204705	Dodge D350 Club C PU 4x2 2-Door Club Cab
2	0.0	3204806	Dodge D350 Crew C PU 4x2 Crew Cab
1	0.0	3204905	Dodge W150 Club C PU 4x4 2-Door Club Cab
3	0.0	3205005	Dodge W250 Club C PU 4x4 2-Door Club Cab
2	0.0	3205205	Dodge W350 Club C PU 4x4 2-Door Club Cab
70	0.0	3205400	Dodge Grand Caravan 2WD
311	0.2	3205413	Dodge Grand Caravan 2WD SE
153	0.1	3205414	Dodge Grand Caravan 2WD LE
94	0.1	3205424	Dodge Grand Caravan 2WD Base/SE
99	0.1	3205425	Dodge Grand Caravan 2WD LE/ES
127	0.1	3205428	Dodge Grand Caravan 2WD SE/Sport
4	0.0	3205431	Dodge Grand Caravan 2WD ES
4	0.0	3205500	Dodge Ram 50 PU Ext C 4x2
1	0.0	3205503	Dodge Ram 50 PU Ext C 4x2 Sport
1	0.0	3205615	Dodge Ram 50 PU Ext C 4x4 Custom
10	0.0	3205718	Dodge Caravan Ext Cargo Van 2WD Caravan C/V
1	0.0	3205800	Dodge Dakota Chassis C 4x2
210	0.1	3205905	Dodge Dakota Club PU 4x2 2-Door Club Cab
3	0.0	3206213	Dodge Caravan Van 4WD SE
1	0.0	3206214	Dodge Caravan Van 4WD LE
6	0.0	3206313	Dodge Grand Caravan 4WD SE
5	0.0	3206314	Dodge Grand Caravan 4WD LE
3	0.0	3206325	Dodge Grand Caravan 4WD LE/SE
1	0.0	3206331	Dodge Grand Caravan 4WD ES
137	0.1	3206405	Dodge Dakota Club PU 4x4 2-Door Club Cab
115	0.1	3206704	Dodge Ram 1500 PU 4x4 Conventional Cab
42	0.0	3206804	Dodge Ram 2500 PU 4x4 Conventional Cab
3	0.0	3206904	Dodge Ram 3500 PU 4x4 Conventional Cab
1	0.0	3207004	Dodge Ram 2500 CC 4x4 Conventional Cab
5	0.0	3207104	Dodge Ram 3500 CC 4x4 Conventional Cab
86	0.0	3207205	Dodge Ram 1500 Club C PU 4x2 2-Door Club Cab
28	0.0	3207229	Dodge Ram 1500 Club C PU 4x2 4-Door Club Cab
12	0.0	3207305	Dodge Ram 2500 Club C PU 4x2 2-Door Club Cab
2	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
4	0.0	3207429	Dodge Ram 3500 Club C PU 4x2 4-Door Club Cab
95	0.1	3207505	Dodge Ram 1500 Club C PU 4x4 2-Door Club Cab
62	0.0	3207529	Dodge Ram 1500 Club C PU 4x4 4-Door Club Cab
41	0.0	3207605	Dodge Ram 2500 Club C PU 4x4 2-Door Club Cab

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
31	0.0	3207629	Dodge Ram 2500 Club C PU 4x4 4-Door Club Cab
6	0.0	3207705	Dodge Ram 3500 Club C PU 4x4 2-Door Club Cab
15	0.0	3207729	Dodge Ram 3500 Club C PU 4x4 4-Door Club Cab
167	0.1	3207800	Dodge Durango 4D 4x4
8	0.0	3207900	Dodge Durango 4D 4x2
176	0.1	3300000	Chry/Plym Truck Unknown Series Model
447	0.2	3301700	Chry/Plym Truck Voyager Van 2WD
226	0.1	3301704	Chry/Plym Truck Voyager Van 2WD SE
79	0.0	3301705	Chry/Plym Truck Voyager Van 2WD LE
17	0.0	3301712	Chry/Plym Truck Voyager Van 2WD SE/Expresso
43	0.0	3301800	Chry/Plym Truck Grand Voyager 2WD
201	0.1	3301804	Chry/Plym Truck Grand Voyager 2WD SE
118	0.1	3301805	Chry/Plym Truck Grand Voyager 2WD LE
53	0.0	3301808	Chry/Plym Truck Grand Voyager 2WD Base/SE
69	0.0	3301812	Chry/Plym Truck Grand Voyager 2WD SE/Expresso
52	0.0	3301900	Chry/Plym Truck Town & Country LWB 2WD
16	0.0	3301909	Chry/Plym Truck Town & Country LWB 2WD LX
48	0.0	3301910	Chry/Plym Truck Town & Country LWB 2WD LXI
14	0.0	3301913	Chry/Plym Truck Town & Country LWB 2WD LX/LXI
15	0.0	3301914	Chry/Plym Truck Town & Country LWB 2WD Limited
1	0.0	3302104	Chry/Plym Truck Grand Voyager 4WD SE
3	0.0	3302105	Chry/Plym Truck Grand Voyager 4WD LE
1	0.0	3302112	Chry/Plym Truck Grand Voyager 4WD SE/Expresso
6	0.0	3302200	Chry/Plym Truck Town & Country LWB 4WD
6	0.0	3302210	Chry/Plym Truck Town & Country LWB 4WD LXI
2	0.0	3302213	Chry/Plym Truck Town & Country LWB 4WD LX/LXI
1	0.0	3302214	Chry/Plym Truck Town & Country LWB 4WD Limited
2	0.0	3302309	Chry/Plym Truck Town & Country SWB 2WD LX
212	0.1	3400000	Jeep Unknown Series Model
1	0.0	3400100	Jeep Commando
4	0.0	3400200	Jeep Wagoneer/Grand Wagoneer 4D 4x4
22	0.0	3400206	Jeep Wagoneer/Grand Wagoneer 4D 4x4 Grand Wagoneer
5	0.0	3400400	Jeep Cherokee 2D
10	0.0	3400700	Jeep DJ5/CJ5 Roadster
34	0.0	3400800	Jeep CJ-7 Roadster
14	0.0	3401000	Jeep Wagoneer 4D 4x4
11	0.0	3401008	Jeep Wagoneer 4D 4x4 Limited
5	0.0	3401200	Jeep Comanche 4x2 Long
3	0.0	3401207	Jeep Comanche 4x2 Long Custom
7	0.0	3401300	Jeep Comanche 4x4 Long
2	0.0	3401307	Jeep Comanche 4x4 Long Custom
117	0.1	3401400	Jeep Wrangler SWB
2	0.0	3401409	Jeep Wrangler SWB Laredo
6	0.0	3401410	Jeep Wrangler SWB Islander
45	0.0	3401411	Jeep Wrangler SWB Sahara
2	0.0	3401414	Jeep Wrangler SWB Renegade
91	0.1	3401415	Jeep Wrangler SWB Sport
125	0.1	3401417	Jeep Wrangler SWB S
17	0.0	3401418	Jeep Wrangler SWB Base/Sport
148	0.1	3401420	Jeep Wrangler SWB SE
12	0.0	3401500	Jeep Comanche 4x2 Short
6	0.0	3401505	Jeep Comanche 4x2 Short Pioneer

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
6	0.0	3401600	Jeep Comanche 4x4 Short
2	0.0	3401605	Jeep Comanche 4x4 Short Pioneer
1	0.0	3401612	Jeep Comanche 4x4 Short Eliminator
2	0.0	3401802	Jeep J20 Long Pickup J20
9	0.0	3401900	Jeep Cherokee 2D 4x2
4	0.0	3401915	Jeep Cherokee 2D 4x2 Sport
1	0.0	3401916	Jeep Cherokee 2D 4x2 Country
12	0.0	3401920	Jeep Cherokee 2D 4x2 SE
1	0.0	3401927	Jeep Cherokee 2D 4x2 Sport/Classic
10	0.0	3402000	Jeep Cherokee 4D 4x2
14	0.0	3402015	Jeep Cherokee 4D 4x2 Sport
3	0.0	3402016	Jeep Cherokee 4D 4x2 Country
15	0.0	3402020	Jeep Cherokee 4D 4x2 SE
3	0.0	3402025	Jeep Cherokee 4D 4x2 Sport/Classic/Limited
1	0.0	3402027	Jeep Cherokee 4D 4x2 Sport/Classic
67	0.0	3402100	Jeep Cherokee 2D 4x4
1	0.0	3402105	Jeep Cherokee 2D 4x4 Pioneer
3	0.0	3402108	Jeep Cherokee 2D 4x4 Limited
17	0.0	3402109	Jeep Cherokee 2D 4x4 Laredo
29	0.0	3402115	Jeep Cherokee 2D 4x4 Sport
31	0.0	3402120	Jeep Cherokee 2D 4x4 SE
2	0.0	3402127	Jeep Cherokee 2D 4x4 Sport/Classic
204	0.1	3402200	Jeep Cherokee 4D 4x4
2	0.0	3402203	Jeep Cherokee 4D 4x4 Classic
26	0.0	3402205	Jeep Cherokee 4D 4x4 Pioneer
40	0.0	3402208	Jeep Cherokee 4D 4x4 Limited
130	0.1	3402209	Jeep Cherokee 4D 4x4 Laredo
2	0.0	3402213	Jeep Cherokee 4D 4x4 Briarwood
218	0.1	3402215	Jeep Cherokee 4D 4x4 Sport
89	0.0	3402216	Jeep Cherokee 4D 4x4 Country
134	0.1	3402220	Jeep Cherokee 4D 4x4 SE
75	0.0	3402225	Jeep Cherokee 4D 4x4 Sport/Classic/Limited
77	0.0	3402227	Jeep Cherokee 4D 4x4 Sport/Classic
1	0.0	3402300	Jeep Grand Cherokee 4D 4x2
3	0.0	3402308	Jeep Grand Cherokee 4D 4x2 Limited
14	0.0	3402309	Jeep Grand Cherokee 4D 4x2 Laredo
2	0.0	3402322	Jeep Grand Cherokee 4D 4x2 Laredo/TSI
1	0.0	3402400	Jeep Grand Cherokee 4D 4x4
261	0.1	3402408	Jeep Grand Cherokee 4D 4x4 Limited
430	0.2	3402409	Jeep Grand Cherokee 4D 4x4 Laredo
1	0.0	3402420	Jeep Grand Cherokee 4D 4x4 SE
8	0.0	3402421	Jeep Grand Cherokee 4D 4x4 Base/Sport/Grand Wagoneer
163	0.1	3402422	Jeep Grand Cherokee 4D 4x4 Laredo/TSI
40	0.0	3402423	Jeep Grand Cherokee 4D 4x4 Limited/Orvis
6	0.0	3402424	Jeep Grand Cherokee 4D 4x4 5.9 Limited
25	0.0	3402426	Jeep Grand Cherokee 4D 4x4 Special Edition
12	0.0	3500000	International Unknown Series Model
2	0.0	3500301	International Scout II Traveltop 4x4
103	0.1	3600000	Mercedes Benz Unknown Series Model
31	0.0	3600100	Mercedes Benz 240 D 4D
7	0.0	3600200	Mercedes Benz 300 CD 2D
62	0.0	3600300	Mercedes Benz 300 D 4D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
5	0.0	3600304	Mercedes Benz 300 D 4D 2.5L
14	0.0	3600400	Mercedes Benz 300 TD SW
1	0.0	3600500	Mercedes Benz 280 CE 2D
2	0.0	3600600	Mercedes Benz 280 E 4D
5	0.0	3600701	Mercedes Benz 380 SL Conv Roadster
4	0.0	3600900	Mercedes Benz 380 SEL 4D
40	0.0	3601000	Mercedes Benz 300 SD 4D
3	0.0	3601200	Mercedes Benz 380 SE 4D
5	0.0	3601302	Mercedes Benz 190 D 4D 2.2L
1	0.0	3601304	Mercedes Benz 190 D 4D 2.5L
71	0.0	3601403	Mercedes Benz 190 E 4D 2.3L
29	0.0	3601405	Mercedes Benz 190 E 4D 2.6L
7	0.0	3601500	Mercedes Benz 500 SEL 4D
53	0.0	3601700	Mercedes Benz 300 E 4D 2WD
8	0.0	3601705	Mercedes Benz 300 E 4D 2WD 2.6L
5	0.0	3601708	Mercedes Benz 300 E 4D 2WD 2.8L
27	0.0	3601800	Mercedes Benz 420 SEL 4D
11	0.0	3601900	Mercedes Benz 560 SEL 4D
2	0.0	3602000	Mercedes Benz 560 SEC 2D
13	0.0	3602101	Mercedes Benz 560 SL Conv Roadster
7	0.0	3602300	Mercedes Benz 300 SDL 4D
18	0.0	3602400	Mercedes Benz 260 E 4D
7	0.0	3602500	Mercedes Benz 300 CE 2D
9	0.0	3602600	Mercedes Benz 300 TE SW 2WD
6	0.0	3602700	Mercedes Benz 300 SEL 4D
17	0.0	3602800	Mercedes Benz 300 SE 4D
5	0.0	3602901	Mercedes Benz 300 SL Conv Roadster
3	0.0	3603001	Mercedes Benz 500 SL Conv Roadster
1	0.0	3603200	Mercedes Benz 300 TE SW 4WD
3	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
5	0.0	3604000	Mercedes Benz 400 SEL 4D
32	0.0	3604209	Mercedes Benz C Class 4D 2WD 220
66	0.0	3604210	Mercedes Benz C Class 4D 2WD 280
2	0.0	3604217	Mercedes Benz C Class 4D 2WD 36 AMG
41	0.0	3604218	Mercedes Benz C Class 4D 2WD 230
74	0.0	3604311	Mercedes Benz E Class 4D 2WD 320
8	0.0	3604312	Mercedes Benz E Class 4D 2WD 420
9	0.0	3604316	Mercedes Benz E Class 4D 2WD 300D
7	0.0	3604320	Mercedes Benz E Class 4D 2WD 300DT
6	0.0	3604321	Mercedes Benz E Class 4D 2WD 430
1	0.0	3604511	Mercedes Benz E Class Conv 2WD 320
7	0.0	3604611	Mercedes Benz E Class SW 2WD 320
6	0.0	3604711	Mercedes Benz S Class LWB 4D 2WD 320
11	0.0	3604712	Mercedes Benz S Class LWB 4D 2WD 420
11	0.0	3604713	Mercedes Benz S Class LWB 4D 2WD 500
1	0.0	3604714	Mercedes Benz S Class LWB 4D 2WD 600
4	0.0	3604721	Mercedes Benz S Class LWB 4D 2WD 430
9	0.0	3604811	Mercedes Benz S Class SWB 4D 2WD 320
1	0.0	3604913	Mercedes Benz S Class 2D 2WD 500
3	0.0	3605011	Mercedes Benz SL Class Conv 320

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
7	0.0	3605013	Mercedes Benz SL Class Conv 500
10	0.0	3605118	Mercedes Benz SLK Class Conv 230
4	0.0	3605211	Mercedes Benz E Class 4D 4WD 320
1	0.0	3605311	Mercedes Benz E Class SW 4WD 320
5	0.0	3605411	Mercedes Benz CLK Class 2D 320
3	0.0	3605421	Mercedes Benz CLK Class 2D 430
34	0.0	3605619	Mercedes Benz M Class 4D 4x4 ML320
3	0.0	3605623	Mercedes Benz M Class 4D 4x4 ML430
1	0.0	3605711	Mercedes Benz CLK Class Conv 320
1	0.0	3690100	Mercedes Benz 450 SE 4D
3	0.0	3690200	Mercedes Benz 450 SEL 4D
6	0.0	3690301	Mercedes Benz 450 SL 2D Roadster
2	0.0	3690400	Mercedes Benz 450 SLC 2D
4	0.0	3690500	Mercedes Benz 280 SE 4D
4	0.0	3691200	Mercedes Benz 280 4D
2	0.0	3691300	Mercedes Benz 230 4D
1	0.0	3691400	Mercedes Benz 220/220D 4D
1	0.0	3691500	Mercedes Benz 250 4D
128	0.1	3700000	BMW Unknown Series Model
33	0.0	3700100	BMW 320 I 2D
45	0.0	3700200	BMW 528 I 4D
7	0.0	3700300	BMW 633 CSI 2D
9	0.0	3700400	BMW 733 I 4D
43	0.0	3700500	BMW 528 E 4D
2	0.0	3700600	BMW 533 I 4D
74	0.0	3700700	BMW 318 I/318 IS 2D
55	0.0	3700800	BMW 325/325 E/325 ES 2D
29	0.0	3700900	BMW 535 I/535 IS 4D
4	0.0	3701000	BMW 635 CSI/L6 2D
26	0.0	3701100	BMW 735 I 4D
51	0.0	3701200	BMW 318 I 4D
31	0.0	3701300	BMW 325/325 E 4D
2	0.0	3701400	BMW 524 TD 4D
76	0.0	3701600	BMW 325 I 4D
56	0.0	3701700	BMW 325 I/IS/CI 2D
31	0.0	3701800	BMW 325 I/IC/CI Conv
12	0.0	3702000	BMW M3/M3 CI 2D
4	0.0	3702200	BMW 750 IL 4D
2	0.0	3702300	BMW 325 IX 2D 4WD
2	0.0	3702400	BMW 325 IX 4D 4WD
3	0.0	3702500	BMW 735 IL 4D
62	0.0	3702600	BMW 525 I 4D
9	0.0	3702700	BMW 318 I/IC Conv
2	0.0	3702800	BMW 850 I/CI/CSI 2D
1	0.0	3702900	BMW 525 IT SW
13	0.0	3703000	BMW 740 I 4D
26	0.0	3703100	BMW 740 IL 4D
6	0.0	3703200	BMW 530 I 4D
13	0.0	3703400	BMW 540 I 4D
26	0.0	3703500	BMW 318 TI 3D
2	0.0	3703600	BMW 840 CI 2D
7	0.0	3703700	BMW 328 IS/CI 2D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
40	0.0	3703800	BMW 328 I 4D
16	0.0	3703900	BMW 328 IC Conv
20	0.0	3704000	BMW Z3 Roadster 1.9 Conv
4	0.0	3704100	BMW M3 4D
6	0.0	3704200	BMW Z3 Roadster 2.8 Conv
7	0.0	3704300	BMW 323 IS/CI 2D
4	0.0	3704400	BMW 323 IC/CI Conv
3	0.0	3704500	BMW M3/M3 CI Conv
17	0.0	3704800	BMW 323 I 4D
2	0.0	3704900	BMW Z3 Roadster 2.3 Conv
1	0.0	3790100	BMW 530 I 4D
2	0.0	3790400	BMW 2002 2D
1	0.0	3790500	BMW 2002 TII 2D
1	0.0	3790600	BMW 3.0 Bavaria 4D
1	0.0	3790800	BMW 3.0 CS 2D
57	0.0	3800000	Renault/Eagle Unknown Series Model
1	0.0	3800600	Renault/Eagle Alliance 2D
1	0.0	3800700	Renault/Eagle Alliance 4D
1	0.0	3800702	Renault/Eagle Alliance 4D L
2	0.0	3800703	Renault/Eagle Alliance 4D DL
1	0.0	3800800	Renault/Eagle Encore 2D
1	0.0	3800805	Renault/Eagle Encore 2D S
1	0.0	3800906	Renault/Eagle Encore 4D LS
1	0.0	3801103	Renault/Eagle Alliance Conv DL
1	0.0	3801409	Renault/Eagle Medallion 4D LX
18	0.0	3801609	Renault/Eagle Premier 4D LX
30	0.0	3801610	Renault/Eagle Premier 4D ES
4	0.0	3801614	Renault/Eagle Premier 4D ES/ES Limited
7	0.0	3801700	Renault/Eagle Summit 4D
17	0.0	3801703	Renault/Eagle Summit 4D DL
11	0.0	3801709	Renault/Eagle Summit 4D LX
8	0.0	3801710	Renault/Eagle Summit 4D ES
5	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
49	0.0	3801800	Renault/Eagle Talon 2D 2WD
42	0.0	3801803	Renault/Eagle Talon 2D 2WD DL
22	0.0	3801810	Renault/Eagle Talon 2D 2WD ES
52	0.0	3801815	Renault/Eagle Talon 2D 2WD ESI
11	0.0	3801816	Renault/Eagle Talon 2D 2WD TSI Turbo
43	0.0	3801917	Renault/Eagle Talon 2D 4WD TSI Turbo AWD
4	0.0	3802000	Renault/Eagle Summit 2D
13	0.0	3802003	Renault/Eagle Summit 2D DL
18	0.0	3802010	Renault/Eagle Summit 2D ES
3	0.0	3802015	Renault/Eagle Summit 2D ESI
4	0.0	3802103	Renault/Eagle Summit SW 2WD DL
2	0.0	3802109	Renault/Eagle Summit SW 2WD LX
1	0.0	3802213	Renault/Eagle Summit SW 4WD AWD
26	0.0	3802311	Renault/Eagle Vision 4D TSI
31	0.0	3802315	Renault/Eagle Vision 4D ESI
39	0.0	3900000	Saab Unknown Series Model
13	0.0	3900100	Saab 900 2D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
20	0.0	3900101	Saab 900 2D S
23	0.0	3900102	Saab 900 2D Turbo
7	0.0	3900104	Saab 900 2D Base/S
3	0.0	3900111	Saab 900 2D S/SE
2	0.0	3900118	Saab 900 2D S Turbo
12	0.0	3900200	Saab 900 4D
28	0.0	3900201	Saab 900 4D S
6	0.0	3900202	Saab 900 4D Turbo
3	0.0	3900204	Saab 900 4D Base/S
5	0.0	3900211	Saab 900 4D S/SE
7	0.0	3900212	Saab 900 4D SE
1	0.0	3900217	Saab 900 4D SE Turbo
9	0.0	3900301	Saab 9000 4D S
19	0.0	3900302	Saab 9000 4D Turbo
4	0.0	3900303	Saab 9000 4D CD
3	0.0	3900304	Saab 9000 4D Base/S
6	0.0	3900305	Saab 9000 4D CD Turbo
3	0.0	3900307	Saab 9000 4D CS/CSE
2	0.0	3900308	Saab 9000 4D CD Turbo/CDE Turbo
6	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	3900319	Saab 9000 4D CSE Turbo
8	0.0	3900401	Saab 900 Conv S
9	0.0	3900402	Saab 900 Conv Turbo
2	0.0	3900412	Saab 900 Conv SE
1	0.0	3900417	Saab 900 Conv SE Turbo
3	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
4	0.0	3900701	Saab 9-3 Conv S
3	0.0	3900800	Saab 9-5 4D
4	0.0	3900812	Saab 9-5 4D SE
1	0.0	3990100	Saab 900 2D/4D
1	0.0	3990200	Saab 99 2D/4D
3	0.0	4000000	Peugeot Unknown Series Model
5	0.0	4000200	Peugeot 505 4D
2	0.0	4000500	Peugeot 405 4D
1	0.0	4000600	Peugeot 405 SW
1	0.0	4100000	Triumph Unknown Series Model
10	0.0	4400000	Jaguar Unknown Series Model
41	0.0	4400100	Jaguar XJ6 4D
11	0.0	4400101	Jaguar XJ6 4D VDP
2	0.0	4400102	Jaguar XJ6 4D VDP Majestic
12	0.0	4400104	Jaguar XJ6 4D Sovereign
9	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
6	0.0	4400400	Jaguar XJ-S Conv
1	0.0	4400700	Jaguar XJ12 SWB 4D
8	0.0	4400900	Jaguar VDP 4D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
1	0.0	4401100	Jaguar XJ16 LWB 4D
2	0.0	4401200	Jaguar XK8 2D
4	0.0	4401300	Jaguar XK8 Conv
7	0.0	4401400	Jaguar XJ8 SWB 4D
2	0.0	4401500	Jaguar XJ8 LWB 4D
3	0.0	4401606	Jaguar S-Type 4D 3.0 V6
1	0.0	4500000	Alfa Romeo Unknown Series Model
1	0.0	4500103	Alfa Romeo Spider Conv Graduate
1	0.0	4500104	Alfa Romeo Spider Conv Quadrifoglio
1	0.0	4500410	Alfa Romeo 164 4D L
1	0.0	4500411	Alfa Romeo 164 4D LS
1	0.0	4600000	Rolls Royce Unknown Series Model
1	0.0	4600300	Rolls Royce Corniche Conv
200	0.1	5100000	Mitsubishi Unknown Series Model
7	0.0	5100104	Mitsubishi Starion 2D High/Premium (L/LS)
5	0.0	5100204	Mitsubishi Cordia 2D High/Premium (L/LS)
6	0.0	5100304	Mitsubishi Tredia 4D High/Premium (L/LS)
14	0.0	5100401	Mitsubishi Pickup STD 4x2 Mighty Max (Economy)
4	0.0	5100402	Mitsubishi Pickup STD 4x2 Low (S)
2	0.0	5100409	Mitsubishi Pickup STD 4x2 Mighty Max Sport
2	0.0	5100506	Mitsubishi Pickup STD 4x4 High (SP)
4	0.0	5100606	Mitsubishi Montero 2D 4x4 High (SP)
9	0.0	5100608	Mitsubishi Montero 2D 4x4 Sport
47	0.0	5100700	Mitsubishi Galant 4D 2WD
17	0.0	5100704	Mitsubishi Galant 4D 2WD High/Premium (L/LS)
26	0.0	5100712	Mitsubishi Galant 4D 2WD LS/GS
3	0.0	5100713	Mitsubishi Galant 4D 2WD LS
15	0.0	5100721	Mitsubishi Galant 4D 2WD LS/GS/GSR
144	0.1	5100731	Mitsubishi Galant 4D 2WD S
127	0.1	5100733	Mitsubishi Galant 4D 2WD ES/LS
55	0.0	5100734	Mitsubishi Galant 4D 2WD GS/ES/LS
8	0.0	5100737	Mitsubishi Galant 4D 2WD DE
84	0.0	5100739	Mitsubishi Galant 4D 2WD ES/GTZ
10	0.0	5100800	Mitsubishi Mirage 2D
1	0.0	5100804	Mitsubishi Mirage 2D High/Premium (L/LS)
35	0.0	5100813	Mitsubishi Mirage 2D LS
1	0.0	5100814	Mitsubishi Mirage 2D RS
1	0.0	5100816	Mitsubishi Mirage 2D Turbo
5	0.0	5100817	Mitsubishi Mirage 2D VL
70	0.0	5100831	Mitsubishi Mirage 2D S
38	0.0	5100832	Mitsubishi Mirage 2D ES
61	0.0	5100837	Mitsubishi Mirage 2D DE
48	0.0	5100900	Mitsubishi Mirage 4D
14	0.0	5100904	Mitsubishi Mirage 4D High/Premium (L/LS)
26	0.0	5100913	Mitsubishi Mirage 4D LS
11	0.0	5100914	Mitsubishi Mirage 4D RS
61	0.0	5100931	Mitsubishi Mirage 4D S
3	0.0	5100932	Mitsubishi Mirage 4D ES
103	0.1	5100937	Mitsubishi Mirage 4D DE
1	0.0	5101009	Mitsubishi PU Long 4x2 Mighty Max Sport
1	0.0	5101109	Mitsubishi PU Long 4x4 Mighty Max Sport
1	0.0	5101200	Mitsubishi Cargo Van

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
5	0.0	5101300	Mitsubishi Van
3	0.0	5101313	Mitsubishi Van LS
4	0.0	5101413	Mitsubishi Montero Sport 4D 4x2 LS
3	0.0	5101432	Mitsubishi Montero Sport 4D 4x2 ES
5	0.0	5101440	Mitsubishi Montero Sport 4D 4x2 LS/XLS
25	0.0	5101513	Mitsubishi Montero Sport 4D 4x4 LS
6	0.0	5101538	Mitsubishi Montero Sport 4D 4x4 XLS
24	0.0	5101540	Mitsubishi Montero Sport 4D 4x4 LS/XLS
3	0.0	5101541	Mitsubishi Montero Sport 4D 4x4 Limited
3	0.0	5101610	Mitsubishi PU Ext Cab 4x2 Macro Cab
10	0.0	5101804	Mitsubishi Sigma 4D High/Premium (L/LS)
3	0.0	5101900	Mitsubishi Precis 2D
1	0.0	5101914	Mitsubishi Precis 2D RS
6	0.0	5102100	Mitsubishi Montero 4D 4x4
4	0.0	5102106	Mitsubishi Montero 4D 4x4 High (SP)
6	0.0	5102108	Mitsubishi Montero 4D 4x4 Sport
19	0.0	5102113	Mitsubishi Montero 4D 4x4 LS
2	0.0	5102127	Mitsubishi Montero 4D 4x4 Base/RS
9	0.0	5102130	Mitsubishi Montero 4D 4x4 SR
77	0.0	5102200	Mitsubishi Eclipse 2D 2WD
107	0.1	5102214	Mitsubishi Eclipse 2D 2WD RS
186	0.1	5102215	Mitsubishi Eclipse 2D 2WD GS
31	0.0	5102223	Mitsubishi Eclipse 2D 2WD GS Turbo
4	0.0	5102242	Mitsubishi Eclipse 2D 2WD GT
21	0.0	5102324	Mitsubishi Eclipse 2D 4WD GSX Turbo
1	0.0	5102401	Mitsubishi PU 1T Long 4x2 Mighty Max (Economy)
2	0.0	5102522	Mitsubishi Galant 4D 4WD GSX/VR-4
19	0.0	5102600	Mitsubishi 3000 GT 2WD
18	0.0	5102626	Mitsubishi 3000 GT 2WD SL
10	0.0	5102725	Mitsubishi 3000 GT 4WD VR-4
11	0.0	5102800	Mitsubishi Diamante 4D
18	0.0	5102813	Mitsubishi Diamante 4D LS
42	0.0	5102832	Mitsubishi Diamante 4D ES
11	0.0	5102900	Mitsubishi Expo SW 2WD
1	0.0	5102928	Mitsubishi Expo SW 2WD Fleet
5	0.0	5102929	Mitsubishi Expo SW 2WD SP
2	0.0	5103029	Mitsubishi Expo SW 4WD SP
7	0.0	5103100	Mitsubishi Expo LRV SW 2WD
2	0.0	5103108	Mitsubishi Expo LRV SW 2WD Sport
5	0.0	5103300	Mitsubishi Diamante SW
26	0.0	5103635	Mitsubishi Eclipse Conv 2WD Spyder GS
5	0.0	5103636	Mitsubishi Eclipse Conv 2WD Spyder GS-T
165	0.1	5400000	Hyundai Unknown Series Model
21	0.0	5400100	Hyundai Excel 4D
85	0.0	5400101	Hyundai Excel 4D GL
21	0.0	5400102	Hyundai Excel 4D GLS
84	0.0	5400200	Hyundai Excel 2D
15	0.0	5400201	Hyundai Excel 2D GL
2	0.0	5400202	Hyundai Excel 2D GLS
45	0.0	5400204	Hyundai Excel 2D GS
41	0.0	5400206	Hyundai Excel 2D L
11	0.0	5400300	Hyundai Sonata 4D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
134	0.1	5400301	Hyundai Sonata 4D GL
58	0.0	5400302	Hyundai Sonata 4D GLS
63	0.0	5400310	Hyundai Sonata 4D Base/GL
14	0.0	5400400	Hyundai Scoupe 2D
47	0.0	5400401	Hyundai Scoupe 2D GL
14	0.0	5400403	Hyundai Scoupe 2D LS
19	0.0	5400405	Hyundai Scoupe 2D LS/Turbo
103	0.1	5400500	Hyundai Elantra 4D
266	0.1	5400501	Hyundai Elantra 4D GL
148	0.1	5400502	Hyundai Elantra 4D GLS
14	0.0	5400604	Hyundai Accent 2D GS
34	0.0	5400606	Hyundai Accent 2D L
6	0.0	5400607	Hyundai Accent 2D GT
93	0.1	5400608	Hyundai Accent 2D Base/L
38	0.0	5400609	Hyundai Accent 2D GS/GT
15	0.0	5400612	Hyundai Accent 2D GS/GSI
144	0.1	5400700	Hyundai Accent 4D
44	0.0	5400701	Hyundai Accent 4D GL
13	0.0	5400800	Hyundai Elantra SW
19	0.0	5400801	Hyundai Elantra SW GL
13	0.0	5400802	Hyundai Elantra SW GLS
32	0.0	5400900	Hyundai Tiburon 2D
20	0.0	5400911	Hyundai Tiburon 2D FX
42	0.0	5500000	Suzuki Unknown Series Model
15	0.0	5500301	Suzuki Samurai 4x4 Convertible
5	0.0	5500402	Suzuki Samurai Van 4x4 Hardtop
8	0.0	5500700	Suzuki Swift 2D
1	0.0	5500703	Suzuki Swift 2D GA
4	0.0	5500800	Suzuki Swift 4D
1	0.0	5501101	Suzuki Samurai 4x2 Convertible
4	0.0	5501201	Suzuki Sidekick 2D 4x2 Convertible
5	0.0	5501301	Suzuki Sidekick 2D 4x4 Convertible
1	0.0	5501302	Suzuki Sidekick 2D 4x4 Hardtop
32	0.0	5501402	Suzuki Sidekick 4D 4x4 Hardtop
17	0.0	5501405	Suzuki Sidekick 4D 4x4 Sport
8	0.0	5501502	Suzuki Sidekick 4D 4x2 Hardtop
46	0.0	5501600	Suzuki Esteem 4D
2	0.0	5501806	Suzuki X-90 2D 4WD T-Bar Top
8	0.0	5501900	Suzuki Esteem SW
2	0.0	5502101	Suzuki Vitara 2D 4x4 Convertible
11	0.0	5502502	Suzuki Grand Vitara 4D 4x4 Hardtop
125	0.1	5700000	Acura Unknown Series Model
53	0.0	5700100	Acura Legend 4D
112	0.1	5700102	Acura Legend 4D LS
30	0.0	5700103	Acura Legend 4D Sunroof
13	0.0	5700104	Acura Legend 4D Sunroof + Option
229	0.1	5700106	Acura Legend 4D L
5	0.0	5700107	Acura Legend 4D GS
1	0.0	5700111	Acura Legend 4D SE
105	0.1	5700201	Acura Integra 2D RS
308	0.2	5700202	Acura Integra 2D LS
35	0.0	5700205	Acura Integra 2D LS Special

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
75	0.0	5700207	Acura Integra 2D GS
51	0.0	5700209	Acura Integra 2D GS-R
3	0.0	5700213	Acura Integra 2D Type-R
25	0.0	5700301	Acura Integra 4D RS
96	0.1	5700302	Acura Integra 4D LS
11	0.0	5700305	Acura Integra 4D LS Special
23	0.0	5700307	Acura Integra 4D GS
10	0.0	5700309	Acura Integra 4D GS-R
2	0.0	5700400	Acura Legend 2D
32	0.0	5700402	Acura Legend 2D LS
7	0.0	5700403	Acura Legend 2D Sunroof
5	0.0	5700404	Acura Legend 2D Sunroof + Option
88	0.0	5700406	Acura Legend 2D L
2	0.0	5700510	Acura NSX 2D NSX-T
10	0.0	5700602	Acura Vigor 4D LS
60	0.0	5700607	Acura Vigor 4D GS
2	0.0	5700700	Acura 2.5 TL 4D
38	0.0	5700712	Acura 2.5 TL 4D Premium
48	0.0	5700800	Acura 3.2 TL 4D
16	0.0	5700812	Acura 3.2 TL 4D Premium
5	0.0	5700815	Acura 3.2 TL 4D Navi
6	0.0	5700900	Acura SLX 4D 4x4
16	0.0	5701000	Acura 3.5 RL 4D
24	0.0	5701012	Acura 3.5 RL 4D Premium
10	0.0	5701100	Acura 2.2 CL 2D
26	0.0	5701112	Acura 2.2 CL 2D Premium
5	0.0	5701200	Acura 3.0 CL 2D
46	0.0	5701212	Acura 3.0 CL 2D Premium
4	0.0	5701400	Acura 2.3 CL 2D
12	0.0	5701412	Acura 2.3 CL 2D Premium
5	0.0	5900000	Sterling Unknown Series Model
2	0.0	5900101	Sterling 825/827 4D S
13	0.0	5900102	Sterling 825/827 4D SL
7	0.0	6000000	Land Rover Unknown Series Model
8	0.0	6000100	Land Rover Range Rover
5	0.0	6000200	Land Rover Range Rover 4D LWB
1	0.0	6000400	Land Rover Defender 90 2D
45	0.0	6000500	Land Rover Discovery 4D
5	0.0	6000601	Land Rover Range Rover 4.0 4D SE
6	0.0	6000702	Land Rover Range Rover 4.6 4D HSE
6	0.0	6000800	Land Rover Discovery Series II 4D
2	0.0	6100000	Daihatsu Unknown Series Model
1	0.0	6100101	Daihatsu Charade 2D CLS
1	0.0	6100105	Daihatsu Charade 2D SE
5	0.0	6100205	Daihatsu Charade 4D SE
1	0.0	6100206	Daihatsu Charade 4D SX
1	0.0	6100306	Daihatsu Rocky Hard Top SX
2	0.0	6400000	Laforza Unknown Series Model
90	0.0	6500000	Lexus Unknown Series Model
102	0.1	6500100	Lexus LS 400 4D
17	0.0	6500200	Lexus ES 250 4D
19	0.0	6500300	Lexus SC 400 2D

Variable 161:VINDICATOR - MAKE/MODEL (Continued)

1999	Prcnt	Code	Value and Description
15	0.0	6500400	Lexus SC 300 2D
188	0.1	6500500	Lexus ES 300 4D
36	0.0	6500600	Lexus GS 300 4D
9	0.0	6500700	Lexus LX 450 4D 4x4
6	0.0	6500800	Lexus GS 400 4D
6	0.0	6500900	Lexus LX 470 4D 4x4
2	0.0	6501000	Lexus RX 300 4D 2WD
33	0.0	6501100	Lexus RX 300 4D 4WD
59	0.0	6600000	Infiniti Unknown Series Model
28	0.0	6600100	Infiniti M30 2D
73	0.0	6600200	Infiniti Q45 4D
1	0.0	6600300	Infiniti M30 Conv
75	0.0	6600400	Infiniti G20 4D
69	0.0	6600500	Infiniti J30 4D
40	0.0	6600600	Infiniti I30 4D
15	0.0	6600700	Infiniti QX4 4D 4x4
100	0.1	6700000	Saturn Unknown Series Model
26	0.0	6700100	Saturn SC 2D
110	0.1	6700104	Saturn SC 2D SC1
169	0.1	6700105	Saturn SC 2D SC2
73	0.0	6700200	Saturn SL 4D
517	0.3	6700201	Saturn SL 4D SL1
610	0.3	6700202	Saturn SL 4D SL2
33	0.0	6700306	Saturn SW SW1
55	0.0	6700307	Saturn SW SW2
7	0.0	6700508	Saturn SC 3D SC1 RAD
12	0.0	6700509	Saturn SC 3D SC2 RAD
2	0.0	6700610	Saturn LS 4D LS1
2	0.0	6700611	Saturn LS 4D LS2
42	0.0	6800000	KIA Unknown Series Model
360	0.2	6800100	KIA Sephia 4D
105	0.1	6800200	KIA Sportage 4D 4x4
14	0.0	6800300	KIA Sportage 4D 4x2
4	0.0	6800400	KIA Sportage 2D 4x4
8	0.0	6800500	KIA Sportage 2D 4x2
2	0.0	6900203	AM General Hummer H1 4D Wagon
2	0.0	7000101	Daewoo Lanos 3D S
1	0.0	7000103	Daewoo Lanos 3D SX
1	0.0	7000203	Daewoo Lanos 4D SX
1	0.0	7000303	Daewoo Nubira 4D SX
1	0.0	7000304	Daewoo Nubira 4D CDX
1	0.0	7000502	Daewoo Leganza 4D SE
2	0.0	7000505	Daewoo Leganza 4D SX/CDX
1	0.0	7400000	Scion Unknown Series Model

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

VINDICATOR Variable - BodyStyleNumber

1999	Prcnt	Code	Value and Description
84130	46.5	0	No data
17	0.0	2	4-6 passenger
1	0.0	8	Sedan
16	0.0	10	Sedan 4-6 passenger
129	0.1	20	2 door
409	0.2	21	2 door 2-3 passenger
10803	6.0	22	2 door 4-6 passenger
2	0.0	24	2 door wagon
113	0.1	28	2 door sedan
3	0.0	29	2 door sedan 2-3 passenger
3393	1.9	30	2 door sedan 4-6 passenger
84	0.0	32	2 door hardtop
3	0.0	33	2 door hardtop 2-3 passenger
1318	0.7	34	2 door hardtop 4-6 passenger
2	0.0	36	2 door convertible
364	0.2	37	2 door convertible 2-3 passenger
1028	0.6	38	2 door convertible 4-6 passenger
106	0.1	40	3 door
236	0.1	41	3 door 2-3 passenger
8530	4.7	42	3 door 4-6 passenger
21	0.0	46	3 door wagon 4-6 passenger
7	0.0	48	3 door sedan
81	0.0	50	3 door sedan 4-6 passenger
19	0.0	54	3 door hardtop 4-6 passenger
2	0.0	60	4+ door
2012	1.1	62	4+ door 4-6 passenger
30	0.0	64	4+ door wagon
4561	2.5	66	4+ door wagon 4-6 passenger
6388	3.5	67	4+ door wagon 7+ passenger
394	0.2	68	4+ door sedan
55500	30.7	70	4+ door sedan 4-6 passenger
27	0.0	72	4+ door hardtop
1295	0.7	74	4+ door hardtop 4-6 passenger

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

VINDICATOR Variable - VehicleType

1999	Prcnt	Code	Value and Description
89165	49.3	0	Passenger cars or no data
4041	2.2	1	Vans (All cargo & large passenger vans)
13122	7.2	2	Pickups and chassis cabs
11105	6.1	3	Utility vehicles
6325	3.5	4	Passenger vans
57266	31.6	9	Vehicle type data missing

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

VINDICATOR Variable - VehicleSizeID

1999	Prcnt	Code	Value and Description
57266	31.6	0	Unknown
15984	8.8	1	Mini
43564	24.1	2	Small
30909	17.1	3	Midsize
25054	13.8	4	Large
8247	4.6	5	Very large

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

VINDICATOR Variable - VehicleClassID

1999	Prcnt	Code	Value and Description
57266	31.6	0	Missing data
20826	11.5	1	2 door
53667	29.6	2	4 door
6361	3.5	3	Luxury
3906	2.2	4	Sports
6325	3.5	5	Passenger van
13122	7.2	6	Pickup
10872	6.0	8	Utility
4041	2.2	9	Large / cargo van
0	0.0	10	Unknown
4405	2.4	11	Station wagon
0	0.0	12	Specialty car
0	0.0	13	Specialty truck
233	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

1999	Prcnt	Code	Value and Description
54195	29.9	0	Weight data is missing
1	0.0	1512	
		-	Weight in pounds
1	0.0	7156	

<u>Variable 167</u>	<u>VINDICATOR - WHLBS</u>	Width: 5	Type: Numeric
		Dec: 1	Miss: 0.0

VINDICATOR Variable - Wheelbase

The wheelbase expressed to the nearest tenth of an inch

1999	Prcnt	Code	Value and Description
53474	29.5	0.0	Wheelbase data is missing
21	0.0	79.9	
		-	Wheelbase to nearest tenth of an inch
1	0.0	194.0	

<u>Variable 168</u>	<u>VINDICATOR - LENGTH</u>	Width: 5	Type: Numeric
		Dec: 1	Miss: 0.0

VINDICATOR Variable - Length

The length expressed to the nearest tenth of an inch

1999	Prcnt	Code	Value and Description
58007	32.0	0.0	Length data is missing
277	0.2	0.1	
1	0.0	117.0	
		-	Length to nearest tenth of an inch
7	0.0	255.8	

<u>Variable 169</u>	<u>VINDICATOR - WIDTH</u>	Width: 4	Type: Numeric
		Dec: 1	Miss: 0.0

VINDICATOR Variable - Width

The width expressed to the nearest tenth of an inch

1999	Prcnt	Code	Value and Description
58452	32.3	0.0	Width data is missing
14	0.0	59.0	
		-	Width to nearest tenth of an inch
9	0.0	94.3	

<u>Variable 170</u>	<u>VINDICATOR - HEIGHT</u>	Width: 4	Type: Numeric
		Dec: 1	Miss: 0.0

VINDICATOR Variable - Height

The height expressed to the nearest tenth of an inch

Variable 170:VINDICATOR - HEIGHT (Continued)

1999	Prcnt	Code	Value and Description
107529	59.4	0.0	Height data is missing
1	0.0	43.9	- Height to nearest tenth of an inch
1999	Prcnt	Code	Value and Description
11	0.0	85.4	

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

VINDICATOR Variable - RestraintCode

1999	Prcnt	Code	Value and Description
56439	31.2	0	No data
37606	20.8	1	Manual belt
16748	9.3	2	Automatic belt
19773	10.9	3	Air bag (driver only)
48744	26.9	4	Air bags (driver + passenger)
1714	0.9	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

1999	Prcnt	Code	Value and Description
58920	32.5	0	Minimum horsepower data missing
44	0.0	45	- Minimum horsepower
3	0.0	450	

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

VINDICATOR Variable - MaximumHorsepower

1999	Prcnt	Code	Value and Description
58920	32.5	0	Maximum horsepower data missing
12	0.0	45	
		-	Maximum horsepower
1	0.0	460	

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

VINDICATOR Variable - ABSCode

1999	Prcnt	Code	Value and Description
53411	29.5	0	Unknown
49179	27.2	1	Not available
28309	15.6	2	OPT on all wheels
399	0.2	3	OPT on rear wheels
29070	16.1	4	STD on all wheels
8734	4.8	5	STD on rear wheels
3	0.0	10	STD on Designer series with V8 engines
2	0.0	11	STD on LSC & Designer series with V8 engines
7	0.0	12	STD on late production models only
4	0.0	13	STD rear wheel ABS on TSi
6	0.0	14	STD rear wheel ABS on ESi-R
38	0.0	15	OPT on Turbo & GXL
9	0.0	16	STD in 2nd half of model year
32	0.0	17	OPT in 2nd half of model year
2	0.0	18	STD on STX, Turbo, Turbo S; OPT on Sti V6
9	0.0	20	OPT on Base; STD on STS
350	0.2	21	OPT on LE V6
35	0.0	22	OPT on GT/Turbo; STD on 4WS
37	0.0	24	OPT on Gli & CARAT
99	0.1	25	STD on SC; OPT on SE
45	0.0	26	OPT on GT-S & All-Trac Turbo
28	0.0	27	OPT on GT
2	0.0	28	OPT on S & Mi16
4	0.0	29	STD with OPT 4WD Package
298	0.2	30	OPT on SE; NA other models
544	0.3	31	OPT on GXE
109	0.1	32	OPT on LX & Turbo
9	0.0	33	OPT on Base 929; STD on 929S
136	0.1	35	OPT on GS
31	0.0	37	OPT on SE & LE
5	0.0	38	STD on S
3	0.0	39	OPT on Base; STD on SE
20	0.0	41	OPT on ES Base, LX; STD on ES Limited
8	0.0	43	OPT on GS; STD on GSR
2	0.0	44	OPT on GSX; STD on VR4

Variable 175:VINDICATOR - ABS (Continued)

1999	Prcnt	Code	Value and Description
1	0.0	45	STD on all models but Hunter
4	0.0	47	STD on VR6; OPT on other models
149	0.1	48	OPT on GXE & SE
120	0.1	49	STD on Cobra; OPT on other models
1025	0.6	50	OPT on LX; not available on other models
27	0.0	51	OPT with manual transmission only
147	0.1	52	Not available on Base; OPT on other models
7	0.0	53	OPT on GSR
14	0.0	55	OPT on GLS V6
23	0.0	57	STD Rear on S & LS; OPT 4 Wheel ABS on LS
3366	1.9	58	STD rear; 4 wheel OPT on all or some models
136	0.1	59	OPT with V6 engine only
325	0.2	60	STD rear wheel ABS with 4 cyl; STD 4 wheel ABS with 6 cyl engine
99	0.1	61	STD on ES; OPT on other models
162	0.1	62	STD on GXE; OPT on other models
41	0.0	63	STD rear, 4 wheel OPT on some models and STD on others
54	0.0	64	STD on GLX Plus model; not available on other models
431	0.2	65	OPT on all models, except not available on GXE with manual transmission
11	0.0	66	STD on Outback model; OPT on L model
7	0.0	67	OPT on L model; not available on Outback model
82	0.0	68	Not available on L model; OPT on others
711	0.4	69	OPT on GXE & GLE models; not available on other models
34	0.0	70	STD rear ABS; 4 wheel ABSOPT/STD (after 1995 model year) on B4000
339	0.2	71	STD on XLE model; OPT on other models
55	0.0	72	STD on XLS model; OPT on other models
391	0.2	73	STD on Ariat model; rear wheel STD, 4 wheel OPT on other models
115	0.1	74	STD on vehicles with RV trim package; RW STD 4 wheel ABS OPT on other models
47	0.0	75	OPT on GS model, STD on other models
871	0.5	76	OPT on CE model with 4 cylinder engine; STD on all other models
10	0.0	77	OPT on JX model and STD on JLX model
362	0.2	78	OPT on Base model; STD on other models
314	0.2	79	STD rear ABS; 4 wheel ABS OPT on all models excluding the XL model
1	0.0	80	OPT on GL V6
15	0.0	81	4 wheel ABS STD on EX model; all other models have rear wheel ABS only
24	0.0	82	STD on LS model; OPT on ES model
230	0.1	83	Option on LS model; not available on Base model
212	0.1	84	STD with V6 engine; OPT with 4 cylinder engine
12	0.0	85	STD with V6 engine; not available with 4 cylinder engine
1	0.0	86	Not available on Soft Top models
36	0.0	87	4 wheel ABS STD on XLT model; all other models have STD rear wheel and OPT 4 wheel ABS
5	0.0	89	STD on XLS model; not available on other models
11	0.0	90	STD on "Plus" models; not available on other models
1	0.0	92	Not available on DX model; STD on all other models

Variable 175:VINDICATOR - ABS (Continued)

1999	Prcnt	Code	Value and Description
3	0.0	93	Not available on XE model; OPT on all other models
14	0.0	94	Not available on VE model; OPT on all other models

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

VINDICATOR Variable - TransmissionNumber

1999	Prcnt	Code	Value and Description
167539	92.6	0	Transmission data is missing or not provided
663	0.4	1	
		-	Transmission
2	0.0	13	

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

VINDICATOR Variable - EngineNumber

1999	Prcnt	Code	Value and Description
57538	31.8	0	Engine data is missing or not provided
1864	1.0	1	
		-	Engine
17	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

1999	Prcnt	Code	Value and Description
131642	52.6	1	
		-	Unit number
1	0.0	11	

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

MAARS Variable - OCC_NUM

1999	Prcnt	Code	Value and Description
181024	72.4	0	Driver
32994	13.2	1	
		-	Occupant number
1	0.0	75	

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

MAARS Variable - PERSON_TYPE

1999	Prcnt	Code	Value and Description
181024	72.4	1	Driver
69155	27.6	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.

1999	Prcnt	Code	Value and Description
5	0.0	0	Unknown
272	0.1	1	Front left
1180	0.5	2	Front center
32611	13.0	3	Front right
7893	3.2	4	Rear left
3309	1.3	5	Rear center
10643	4.3	6	Rear right
11696	4.7	7	In body of truck
373	0.1	8	Bus passenger
72	0.0	9	Outside vehicle
181024	72.4	10	Driver
34	0.0	88	Other
1067	0.4	99	Missing data

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

MAARS Variable - AGE

1999	Prcnt	Code	Value and Description
29488	11.8	0	Less than 1 year old
1705	0.7	1	1 year old
		-	
1	0.0	114	114 years old
5260	2.1	999	Missing data

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

MAARS Variable - SEX_CODE

1999	Prcnt	Code	Value and Description
129343	51.7	1	Male
97449	39.0	2	Female
23387	9.3	9	Missing data

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

MAARS Variable - SAF_EQUIP

1999	Prcnt	Code	Value and Description
4919	2.0	0	Not applicable
18453	7.4	1	None
6494	2.6	11	Lap belt only
1814	0.7	12	Shoulder belt only
155135	62.0	13	Shoulder / lap belt(s)
4418	1.8	14	Child / youth restraint
344	0.1	21	MC / bike helmet
18	0.0	22	MC / bike eye shield only
482	0.2	23	MC / bike helmet and shield
377	0.2	31	Air bag only
12493	5.0	32	Air bag and belt(s)
78	0.0	88	Other
45154	18.0	99	Unknown

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

MAARS Variable - EQUIP_PROB

1999	Prcnt	Code	Value and Description
14435	5.8	0	Not applicable
			Adult/Youth Restraint
189840	75.9	1	No misuse
83	0.0	2	Belts / anchors broke
1198	0.5	3	Belt(s) misused
881	0.4	4	Air bag failed
93	0.0	8	Other
43584	17.4	9	Unknown
			Child Restraint
4	0.0	42	Facing wrong way
18	0.0	43	Not anchored correctly
11	0.0	44	Anchor not secure
13	0.0	45	Not strapped correctly
6	0.0	46	Strap / tether loose
13	0.0	47	Size / type improper

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

MAARS Variable - EJECTION

1999	Prcnt	Code	Value and Description
6700	2.7	0	Not applicable
205028	82.0	1	Not ejected or trapped
973	0.4	2	Fully ejected
211	0.1	3	Partially ejected
846	0.3	4	Trapped
14	0.0	8	Other
36407	14.6	9	Unknown

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

MAARS Variable - INJ_SEVER

1999	Prcnt	Code	Value and Description
193703	77.4	1	Not injured
27300	10.9	2	Possible injury
19929	8.0	3	Injured
8774	3.5	4	Disabling injury
473	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

1999	Prcnt	Code	Value and Description
4397	95.5	1	- Number of Pedestrians
1	0.0	13	

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

MAARS Variable - PED_TYPE

1999	Prcnt	Code	Value and Description
4606	100.0	3	Pedestrian

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

MAARS Variable - PERSON_TYPE

1999	Prcnt	Code	Value and Description
13	0.3	0	Not applicable
3290	71.4	1	Pedestrian
1100	23.9	2	Bicyclist
22	0.5	3	Other pedalcyclist
5	0.1	4	Rider of animal
4	0.1	5	In animal-drawn vehicle
22	0.5	6	Machine operator/rider
26	0.6	7	Other conveyance
8	0.2	8	Other
116	2.5	9	Unknown

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

MAARS Variable - AGE

1999	Prcnt	Code	Value and Description
20	0.4	0	Less than 1 year old
10	0.2	1	1 year old
		-	
1	0.0	99	99 years old
239	5.2	999	Missing data

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

MAARS Variable - SEX_CODE

1999	Prcnt	Code	Value and Description
0	0.0	0	Unknown
2972	64.5	1	Male
1597	34.7	2	Female
37	0.8	9	Missing data

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

MAARS Variable - INJ_SEVER

1999	Prcnt	Code	Value and Description
661	14.4	1	Not injured
1265	27.5	2	Possible injury
1710	37.1	3	Injured
845	18.3	4	Disabling injury
125	2.7	5	Fatal

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

MAARS Variable - PED_VISIBLE

1999	Prcnt	Code	Value and Description
102	2.2	0	Not applicable
825	17.9	1	Light clothing
1192	25.9	2	Dark clothing
2042	44.3	3	Mixed clothing
49	1.1	4	Reflective material

Variable 307: PEDESTRIAN VISIBLE (Continued)

1999	Prcnt	Code	Value and Description
5	0.1	5	Head light
6	0.1	6	Rear reflector
6	0.1	7	Head light and reflector
7	0.2	8	Other
372	8.1	9	Unknown

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

MAARS Variable - PED_LOCATION

1999	Prcnt	Code	Value and Description
126	2.7	0	Not applicable
286	6.2	1	Shoulder
123	2.7	2	Curb
207	4.5	3	Sidewalk
249	5.4	4	Outside right-of-way
639	13.9	5	On roadway at crosswalk
2453	53.3	6	On roadway not at crosswalk
15	0.3	7	In school bus zone
14	0.3	8	In bikeway
195	4.2	88	Other
299	6.5	99	Unknown

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

MAARS Variable - PED_OBEY

1999	Prcnt	Code	Value and Description
454	9.9	0	Not applicable
3228	70.1	1	No pedestrian signal
204	4.4	2	Obeeyed pedestrian signal
307	6.7	3	Disobeyed pedestrian signal
7	0.2	4	Pedestrian signal malfunction
31	0.7	8	Other
375	8.1	9	Unknown

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

MAARS Variable - CONDITION

1999	Prcnt	Code	Value and Description
245	5.3	0	Not applicable
2837	61.6	1	Apparently normal
259	5.6	2	Had been drinking
12	0.3	3	Using drugs
7	0.2	4	Physical defects
28	0.6	5	Other handicaps
3	0.1	6	Ill
2	0.0	7	Fatigued
1	0.0	8	Apparently asleep
3	0.1	88	Other
1209	26.2	99	Unknown

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

MAARS Variable - MOVEMENT

1999	Prcnt	Code	Value and Description
0	0.0	0	Not applicable
805	17.5	51	Cross / enter at intersection
1342	29.1	52	Cross / enter not at intersection
393	8.5	53	Walking / riding with traffic
414	9.0	54	Walking / riding against traffic
144	3.1	55	Playing
375	8.1	56	Standing
83	1.8	57	Getting on/off vehicle
32	0.7	58	Push / work on vehicle
72	1.6	59	Other working
6	0.1	60	Hitchhiking
9	0.2	61	Approach / leave school bus
361	7.8	88	Other
570	12.4	99	Unknown

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

MAARS Variable - CONTRIB_CIRCUM1

1999	Prcnt	Code	Value and Description
			Driver, Pedestrian, Cyclist: Condition or Actions
2739	59.5	0	Not applicable
18	0.4	1	Under influence of drugs
100	2.2	2	Under influence of alcohol

Variable 312:CONTRIBUTING CIRCUMSTAN1 (Continued)

1999	Prcnt	Code	Value and Description
3	0.1	3	Under influence of medication
3	0.1	4	Under combined influence
10	0.2	5	Physical / mental difficulty
1	0.0	6	Fell asleep, fainted, etc.
550	11.9	7	Failed to give full time and attention
1	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
125	2.7	11	Failed to yield right-of-way
27	0.6	12	Failed to obey stop sign
13	0.3	13	Failed to obey traffic signal
7	0.2	14	Failed to obey other traffic control
8	0.2	15	Failed to keep right of center
0	0.0	16	Failed to stop for school bus
13	0.3	17	Wrong way on one-way
0	0.0	18	Exceeded speed limit
0	0.0	19	Operator using cellular phone
0	0.0	20	Stopping in lane / roadway
5	0.1	21	Too fast for conditions
2	0.0	22	Followed too closely
3	0.1	23	Improper turn
1	0.0	24	Improper lane change
3	0.1	25	Improper backing
1	0.0	26	Improper passing
1	0.0	27	Improper signal
0	0.0	28	Improper parking
3	0.1	29	Interference / obstruction by passenger
Pedestrian, Cyclist: Actions Only			
744	16.2	31	Illegally in roadway
84	1.8	32	Bicycle violation
95	2.1	37	Clothing not visible
Environment Effect			
0	0.0	41	Smog, smoke
2	0.0	42	Sleet, hail, freezing rain
0	0.0	43	Blowing sand, soil, dirt
0	0.0	44	Severe crosswinds
4	0.1	45	Rain, snow
1	0.0	46	Animal
2	0.0	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
1	0.0	51	Brakes
0	0.0	52	Tires
0	0.0	53	Steering
1	0.0	54	Lights
0	0.0	55	Windows / windshield
0	0.0	56	Wheel(s)
0	0.0	57	Trailer coupling
0	0.0	58	Cargo
0	0.0	59	Engine trouble

Variable 312: CONTRIBUTING CIRCUMSTAN1 (Continued)

1999	Prcnt	Code	Value and Description
			Road Condition
2	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
1	0.0	66	Traffic control device inoperative
0	0.0	67	Shoulder low, soft, high
5	0.1	88	Other
25	0.5	99	Missing data

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

MAARS Variable - CONTRIB_CIRCUM2

1999	Prcnt	Code	Value and Description
			Driver, Pedestrian, Cyclist: Condition or Actions
3552	77.1	0	Not applicable
2	0.0	1	Under influence of drugs
15	0.3	2	Under influence of alcohol
1	0.0	3	Under influence of medication
8	0.2	5	Physical / mental difficulty
2	0.0	6	Fell asleep, fainted, etc.
221	4.8	7	Failed to give full time and attention
157	3.4	11	Failed to yield right-of-way
16	0.3	12	Failed to obey stop sign
12	0.3	13	Failed to obey traffic signal
11	0.2	14	Failed to obey other traffic control
7	0.2	15	Failed to keep right of center
11	0.2	17	Wrong way on one-way
1	0.0	18	Exceeded speed limit
4	0.1	21	Too fast for conditions
2	0.0	22	Followed too closely
7	0.2	23	Improper turn
2	0.0	24	Improper lane change
4	0.1	25	Improper backing
1	0.0	28	Improper parking
1	0.0	29	Interference / obstruction by passenger
			Pedestrian, Cyclist: Actions Only
247	5.4	31	Illegally in roadway
80	1.7	32	Bicycle violation
169	3.7	37	Clothing not visible
			Environment Effect
1	0.0	41	Smog, smoke
6	0.1	42	Sleet, hail, freezing rain
20	0.4	45	Rain, snow

Variable 313:CONTRIBUTING CIRCUMSTAN2 (Continued)

1999	Prcnt	Code	Value and Description
3	0.1	46	Animal
8	0.2	47	Vision obstruction (including blinded by sun / lights)
			Vehicle Defect
3	0.1	51	Brakes
1	0.0	54	Lights
			Road Condition
5	0.1	61	Wet
3	0.1	62	Icy or snow-covered
2	0.0	63	Debris or obstruction
1	0.0	65	Road under construction or maintenance
2	0.0	88	Other
18	0.4	99	Missing data

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

MAARS Variable - CONTRIB_CIRCUM3

1999	Prcnt	Code	Value and Description
			Driver, Pedestrian, Cyclist: Condition or Actions
4158	90.3	0	Not applicable
2	0.0	1	Under influence of drugs
10	0.2	2	Under influence of alcohol
1	0.0	3	Under influence of medication
1	0.0	4	Under combined influence
4	0.1	5	Physical / mental difficulty
2	0.0	6	Fell asleep, fainted, etc.
69	1.5	7	Failed to give full time and attention
39	0.8	11	Failed to yield right-of-way
2	0.0	12	Failed to obey stop sign
10	0.2	13	Failed to obey traffic signal
10	0.2	14	Failed to obey other traffic control
7	0.2	15	Failed to keep right of center
4	0.1	17	Wrong way on one-way
7	0.2	21	Too fast for conditions
8	0.2	23	Improper turn
4	0.1	24	Improper lane change
2	0.0	26	Improper passing
1	0.0	27	Improper signal
1	0.0	28	Improper parking
			Pedestrian, Cyclist: Actions Only
105	2.3	31	Illegally in roadway
40	0.9	32	Bicycle violation
51	1.1	37	Clothing not visible

Variable 314: CONTRIBUTING CIRCUMSTAN3 (Continued)

1999	Prcnt	Code	Value and Description
Environment Effect			
2	0.0	41	Smog, smoke
2	0.0	42	Sleet, hail, freezing rain
17	0.4	45	Rain, snow
1	0.0	46	Animal
6	0.1	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
4	0.1	51	Brakes
Road Condition			
19	0.4	61	Wet
1	0.0	62	Icy or snow-covered
16	0.3	99	Missing data

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

MAARS Variable - CONTRIB_CIRCUM4

1999	Prcnt	Code	Value and Description
Driver, Pedestrian, Cyclist: Condition or Actions			
4443	96.5	0	Not applicable
1	0.0	1	Under influence of drugs
6	0.1	2	Under influence of alcohol
5	0.1	4	Under combined influence
1	0.0	5	Physical / mental difficulty
1	0.0	6	Fell asleep, fainted, etc.
15	0.3	7	Failed to give full time and attention
6	0.1	11	Failed to yield right-of-way
1	0.0	12	Failed to obey stop sign
3	0.1	13	Failed to obey traffic signal
1	0.0	14	Failed to obey other traffic control
2	0.0	17	Wrong way on one-way
3	0.1	21	Too fast for conditions
1	0.0	24	Improper lane change
Pedestrian, Cyclist: Actions Only			
24	0.5	31	Illegally in roadway
16	0.3	32	Bicycle violation
30	0.7	37	Clothing not visible
Environment Effect			
7	0.2	45	Rain, snow
3	0.1	47	Vision obstruction (including blinded by sun / lights)
Vehicle Defect			
1	0.0	51	Brakes

Variable 315:CONTRIBUTING CIRCUMSTAN4 (Continued)

1999 Prcnt Code Value and Description

			Road Condition
13	0.3	61	Wet
3	0.1	62	Icy or snow-covered
1	0.0	63	Debris or obstruction
2	0.0	88	Other
17	0.4	99	Missing data

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

MAARS Variable - FAULT

1999 Prcnt Code Value and Description

1794	38.9	1	Yes
1256	27.3	2	No
1556	33.8	9	Unknown

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

MAARS Variable - SUBST_USE

1999 Prcnt Code Value and Description

429	9.3	0	Not applicable
2655	57.6	1	None detected
170	3.7	11	Alcohol present
5	0.1	12	Illegal drug present
3	0.1	13	Medication present
1	0.0	14	Combined substances present
56	1.2	21	Alcohol contributed
4	0.1	22	Illegal drug contributed
2	0.0	23	Medication contributed
0	0.0	24	Combination contributed
3	0.1	88	Other
1278	27.7	99	Unknown

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

MAARS Variable - ALCO_DRUG_IMPAIRED

1999 Prcnt Code Value and Description

289	6.3	1	Alcohol
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Variable 318:IMPAIRED (Continued)

1999 Prcnt Code Value and Description

7	0.2	2	Alcohol and drug
28	0.6	3	Drug
4282	93.0	4	Not impaired

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

MAARS Variable - TESTS

1999 Prcnt Code Value and Description

2191	47.6	0	Not applicable
37	0.8	1	Test refused
4	0.1	2	Positive preliminary test
10	0.2	3	Evidence test given
17	0.4	8	Other
2347	51.0	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

1999 Prcnt Code Value and Description

4569	99.2	0	
3	0.1	1	
		-	BAC test results
1	0.0	35	

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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
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
approach	311	61	Approach / leave school bus

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
belt	208	2	Belts / anchors broke

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
bump	133	64	Ruts, holes, bumps

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
change	313	24	Improper lane change

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	23	0	Invalid 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 1999 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 1999 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
datsum/nissan	160	15	Datsun/Nissan
dawn	20	2	Dawn / dusk
day	4	*	DAY OF ACCIDENT
daylight	20	1	Daylight
daytime running lights	172	*	VINDICATOR - ATD/DRL
debris	131	63	Debris or obstruction
debris	132	63	Debris or obstruction
debris	133	63	Debris or obstruction
debris	134	63	Debris or obstruction
debris	312	63	Debris or obstruction
debris	313	63	Debris or obstruction
debris	314	63	Debris or obstruction
debris	315	63	Debris or obstruction

Maryland 1999 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 1999 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 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
ejected	209	1	Not ejected or trapped
ejection	149	*	DRIVER EJECTION
ejection	209	*	EJECTION
eleven	23	11	Eleven vehicles
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
extra	15	10	Extra
eye	147	22	MC / bike eye shield only
eye	207	22	MC / bike eye shield only
facing	208	42	Facing wrong way
failed	131	7	Failed to give full time and attention
failed	132	7	Failed to give full time and attention
failed	133	7	Failed to give full time and attention
failed	134	7	Failed to give full time and attention
failed	148	4	Air bag failed
failed	208	4	Air bag failed
failed	312	7	Failed to give full time and attention
failed	313	7	Failed to give full time and attention
failed	314	7	Failed to give full time and attention
failed	315	7	Failed to give full time and attention
failure	131	9	Failure to drive within a single lane
failure	132	9	Failure to drive within a single lane

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
failure	133	9	Failure to drive within a single lane
failure	134	9	Failure to drive within a single lane
failure	312	9	Failure to drive within a single lane
failure	313	9	Failure to drive within a single lane
failure	314	9	Failure to drive within a single lane
failure	315	9	Failure to drive within a single lane
fainted	131	6	Fell asleep, fainted, etc.
fainted	132	6	Fell asleep, fainted, etc.
fainted	133	6	Fell asleep, fainted, etc.
fainted	134	6	Fell asleep, fainted, etc.
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
fixed	26	9	Fixed object
fixed	27	9	Fixed object
flatbed	108	5	Flatbed
foggy	21	2	Foggy
followed	131	22	Followed too closely
followed	132	22	Followed too closely
followed	133	22	Followed too closely
followed	134	22	Followed too closely
followed	312	22	Followed too closely
followed	313	22	Followed too closely
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
give	131	7	Failed to give full time and attention
give	132	7	Failed to give full time and attention
give	133	7	Failed to give full time and attention
give	134	7	Failed to give full time and attention
give	312	7	Failed to give full time and attention
give	313	7	Failed to give full time and attention
give	314	7	Failed to give full time and attention
give	315	7	Failed to give full time and attention
gmc truck	160	30	GMC Truck
gmca/passport/asuna	160	28	GMCA/Passport/Asuna

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
gore	13	14	Gore
government	9	6	Government road
grade	16	2	Straight and grade
gray	157	12	VIN not in U.S. standard format (gray ma
guardrail	25	5	Guardrail - barrier
hail	131	42	Sleet, hail, freezing rain
hail	132	42	Sleet, hail, freezing rain
hail	133	42	Sleet, hail, freezing rain
hail	134	42	Sleet, hail, freezing rain
hail	312	42	Sleet, hail, freezing rain
hail	313	42	Sleet, hail, freezing rain
hail	314	42	Sleet, hail, freezing rain
hail	315	42	Sleet, hail, freezing rain
handicaps	140	5	Other handicaps
handicaps	310	5	Other handicaps
hardtop	162	12	Hardtop
harmful	26	*	FIRST HARMFUL EVENT
harmful	27	*	SECOND HARMFUL EVENT
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
icc	111	*	ICC NUMBER
ice	19	4	Ice
icy	131	62	Icy or snow-covered
icy	132	62	Icy or snow-covered
icy	133	62	Icy or snow-covered
icy	134	62	Icy or snow-covered
icy	312	62	Icy or snow-covered
icy	313	62	Icy or snow-covered
icy	314	62	Icy or snow-covered
icy	315	62	Icy or snow-covered
identification	178	*	VEHICLE IDENTIFICATION #
ierr	157	*	VINDICATOR - IERR
ill	140	6	Ill
ill	310	6	Ill
illegal	152	12	Illegal drug present
illegal	317	12	Illegal drug present
illegally	131	31	Illegally in roadway
illegally	132	31	Illegally in roadway
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
invol	23	*	NUMBER OF VEHICLES INVOL
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
lic	143	*	COMMERCIAL DRIVERS LIC
license	131	8	Did not comply with license restriction
license	132	8	Did not comply with license restriction
license	133	8	Did not comply with license restriction
license	134	8	Did not comply with license restriction
license	142	*	DRIVER LICENSE CLASS
license	312	8	Did not comply with license restriction
license	313	8	Did not comply with license restriction
license	314	8	Did not comply with license restriction
license	315	8	Did not comply with license restriction
light	20	*	LIGHT
light	25	8	Light support pole
light	131	47	Vision obstruction (including blinded by
light	132	47	Vision obstruction (including blinded by
light	133	47	Vision obstruction (including blinded by
light	134	47	Vision obstruction (including blinded by
light	307	1	Light clothing
light	312	47	Vision obstruction (including blinded by
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
maintenance	131	65	Road under construction or maintenance
maintenance	132	65	Road under construction or maintenance
maintenance	133	65	Road under construction or maintenance
maintenance	134	65	Road under construction or maintenance
maintenance	312	65	Road under construction or maintenance
maintenance	313	65	Road under construction or maintenance
maintenance	314	65	Road under construction or maintenance
maintenance	315	65	Road under construction or maintenance
make	102	*	VEHICLE MAKE
make	157	51	Make code not valid for VIN pattern
make	160	*	VINDICATOR - MAKE
make	161	*	VINDICATOR - MAKE/MODEL
male	146	1	Male
male	206	1	Male
male	305	1	Male
malfunction	309	4	Pedestrian signal malfunction
manual	171	1	Manual belt
march	3	3	March
marking	12	6	No lane markings or at centerline
marking	13	20	No lane markings or at centerline
maryland	9	3	Maryland route
maserati	160	56	Maserati
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
midsize	164	3	Midsize
mini	160	72	Mini
mini	164	1	Mini
minimum	173	0	Minimum horsepower data missing
minimum horsepower	173	*	VINDICATOR - MINHP
missing data	160	0	Missing data
misuse	148	1	No misuse
misuse	208	1	No misuse
misused	148	3	Belts misused
misused	208	3	Belt(s) misused
mitsubishi	160	51	Mitsubishi
mixed	307	3	Mixed clothing
mixer	108	7	Concrete mixer
mobile	137	11	Mobile home
mobile	138	11	Mobile home
mobile	139	11	Mobile home
model	103	*	VEHICLE MODEL
model	157	61	VIN model year / pattern conflict
model	161	*	VINDICATOR - MAKE/MODEL
month	3	*	MONTH OF ACCIDENT
moped	105	19	Moped
motorcycle	105	1	Motorcycle
movement	24	11	Straight movement angle
movement	130	*	MOVEMENT
movement	311	*	PEDESTRIAN MOVEMENT
moving	130	1	Moving constant speed
mud	19	5	Mud
municipal	9	5	Municipal route
municipality	7	*	MUNICIPALITY
nearest	13	1	Lane 1 - nearest centerline
ninety-eight	29	98	Ninety-eight injured or more
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
obey	313	12	Failed to obey stop sign
obey	314	12	Failed to obey stop sign
obey	315	12	Failed to obey stop sign
obeyed	309	2	Obeyed pedestrian signal
object	25	*	FIXED OBJECT
object	26	9	Fixed object
object	27	9	Fixed object
obstruction	18	6	Obstruction not lighted
obstruction	131	29	Interference / obstruction by passenger
obstruction	132	29	Interference / obstruction by passenger
obstruction	133	29	Interference / obstruction by passenger
obstruction	134	29	Interference / obstruction by passenger
obstruction	312	29	Interference / obstruction by passenger
obstruction	313	29	Interference / obstruction by passenger
obstruction	314	29	Interference / obstruction by passenger
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
outside	204	9	Outside vehicle
outside	308	4	Outside right-of-way
overpass	25	1	Bridge - overpass
overturn	26	11	Overturn
overturn	27	11	Overturn
overturn	124	23	Overturn
overturn	125	23	Overturn
overturn	126	23	Overturn
overturn	127	23	Overturn
overturn	128	23	Overturn
panther	160	62	Panther
parked	26	2	Parked vehicle
parked	27	2	Parked vehicle
parked	120	*	PARKED VEHICLE
parked	130	5	Starting from parked
parking	12	5	Parking lot
parking	13	19	Parking lot
parking	130	9	Parking
parking	131	28	Improper parking
parking	132	28	Improper parking
parking	133	28	Improper parking
parking	134	28	Improper parking
parking	312	28	Improper parking
parking	313	28	Improper parking
parking	314	28	Improper parking
parking	315	28	Improper parking
partially	149	3	Partially ejected
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
pedestrian	302	3	Pedestrian
pedestrian	303	1	Pedestrian
pedestrian	307	*	PEDESTRIAN VISIBLE
pedestrian	308	*	PEDESTRIAN LOCATION
pedestrian	309	*	DID PED OBEY SIGNAL
pedestrian	310	*	PEDESTRIAN CONDITION
pedestrian	311	*	PEDESTRIAN MOVEMENT
person	29	0	Zero injured persons
person	30	0	Zero fatally injured persons
person	302	*	PERSON TYPE
peugeot	160	40	Peugeot
phone	131	19	Operator using cellular phone
phone	132	19	Operator using cellular phone
phone	133	19	Operator using cellular phone
phone	134	19	Operator using cellular phone
phone	312	19	Operator using cellular phone
phone	313	19	Operator using cellular phone
phone	314	19	Operator using cellular phone
phone	315	19	Operator using cellular phone
physical	131	5	Physical / mental difficulty
physical	132	5	Physical / mental difficulty
physical	133	5	Physical / mental difficulty
physical	134	5	Physical / mental difficulty
physical	140	4	Physical defects
physical	310	4	Physical defects
physical	312	5	Physical / mental difficulty
physical	313	5	Physical / mental difficulty
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	12000	12,000 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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
quarter	126	4	Right side front quarter
quarter	127	4	Right side front quarter
quarter	128	4	Right side front quarter
railway	26	7	Railway train
railway	27	7	Railway train
rain	131	42	Sleet, hail, freezing rain
rain	132	42	Sleet, hail, freezing rain
rain	133	42	Sleet, hail, freezing rain
rain	134	42	Sleet, hail, freezing rain
rain	312	42	Sleet, hail, freezing rain
rain	313	42	Sleet, hail, freezing rain
rain	314	42	Sleet, hail, freezing rain
rain	315	42	Sleet, hail, freezing rain
raining	21	3	Raining
ramp	12	0	On a ramp
ramp	13	0	On a ramp
ramp	14	*	RAMP INVOLVED
ramp	15	*	RAMP DIRECTION
rear	124	7	Right side rear quarter
rear	125	7	Right side rear quarter
rear	126	7	Right side rear quarter
rear	127	7	Right side rear quarter
rear	128	7	Right side rear quarter
rear	204	4	Rear left
rear	307	6	Rear reflector
rear-end	24	3	Same direction rear-end
recognized	157	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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
right	127	2	Front right
right	128	2	Front right
right	130	13	Making right turn
right	131	15	failed to keep right of center
right	132	15	failed to keep right of center
right	133	15	failed to keep right of center
right	134	15	failed to keep right of center
right	204	3	Front right
right	312	15	failed to keep right of center
right	313	15	failed to keep right of center
right	314	15	failed to keep right of center
right	315	15	failed to keep right of center
right-of-way	131	11	Failed to yield right-of-way
right-of-way	132	11	Failed to yield right-of-way
right-of-way	133	11	Failed to yield right-of-way
right-of-way	134	11	Failed to yield right-of-way
right-of-way	308	4	Outside right-of-way
right-of-way	312	11	Failed to yield right-of-way
right-of-way	313	11	Failed to yield right-of-way
right-of-way	314	11	Failed to yield right-of-way
right-of-way	315	11	Failed to yield right-of-way
right-turn-on-red	130	14	Right-turn-on-red
right-turn-on-red	131	10	Improper right-turn-on-red
right-turn-on-red	132	10	Improper right-turn-on-red
right-turn-on-red	133	10	Improper right-turn-on-red
right-turn-on-red	134	10	Improper right-turn-on-red
right-turn-on-red	312	10	Improper right-turn-on-red
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
roof	125	18	Roof / top
roof	126	18	Roof / top
roof	127	18	Roof / top
roof	128	18	Roof / top
route	9	*	ROUTE TYPE
run	122	*	HIT AND RUN
runaway	26	17	Downhill runaway
runaway	27	17	Downhill runaway
rut	18	3	Holes, ruts, etc.
rut	131	64	Ruts, holes, bumps
rut	132	64	Ruts, holes, bumps
rut	133	64	Ruts, holes, bumps
rut	134	64	Ruts, holes, bumps
rut	312	64	Ruts, holes, bumps
rut	313	64	Ruts, holes, bumps
rut	314	64	Ruts, holes, bumps
rut	315	64	Ruts, holes, bumps
saab	160	39	Saab
safety	147	*	DRIVER SAFETY EQUIPMENT
safety	148	*	SAFETY EQUIPMENT PROBLEM
safety	207	*	SAFETY EQUIPMENT
safety	208	*	SAFETY EQUIPMENT PROBLEM
sand	131	43	Blowing sand, soil, dirt
sand	132	43	Blowing sand, soil, dirt
sand	133	43	Blowing sand, soil, dirt
sand	134	43	Blowing sand, soil, dirt
sand	312	43	Blowing sand, soil, dirt
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
severe	133	44	Severe crosswinds
severe	134	44	Severe crosswinds
severe	312	44	Severe crosswinds
severe	313	44	Severe crosswinds
severe	314	44	Severe crosswinds
severe	315	44	Severe crosswinds
severity	28	*	ACCIDENT SEVERITY
severity	150	*	DRIVER INJURY SEVERITY
severity	210	*	INJURY SEVERITY
severity	306	*	INJURY SEVERITY
shield	147	22	MC / bike eye shield only
shield	207	22	MC / bike eye shield only
shoulder	13	10	Shoulder
shoulder	18	2	Shoulder defect
shoulder	131	67	Shoulder low, soft, high
shoulder	132	67	Shoulder low, soft, high
shoulder	133	67	Shoulder low, soft, high
shoulder	134	67	Shoulder low, soft, high
shoulder	147	12	Shoulder belt only
shoulder	207	12	Shoulder belt only
shoulder	308	1	Shoulder
shoulder	312	67	Shoulder low, soft, high
shoulder	313	67	Shoulder low, soft, high
shoulder	314	67	Shoulder low, soft, high
shoulder	315	67	Shoulder low, soft, high
shrubbery	25	11	Tree - shrubbery
side	124	4	Right side front quarter
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
single	132	9	Failure to drive within a single lane
single	133	9	Failure to drive within a single lane
single	134	9	Failure to drive within a single lane
single	312	9	Failure to drive within a single lane
single	313	9	Failure to drive within a single lane
single	314	9	Failure to drive within a single lane
single	315	9	Failure to drive within a single lane
size	164	*	VINDICATOR - SIZE
size	208	47	Size / type improper
skidding	130	16	Skidding
sleet	21	4	Snow / sleet
sleet	131	42	Sleet, hail, freezing rain
sleet	132	42	Sleet, hail, freezing rain
sleet	133	42	Sleet, hail, freezing rain
sleet	134	42	Sleet, hail, freezing rain
sleet	312	42	Sleet, hail, freezing rain
sleet	313	42	Sleet, hail, freezing rain
sleet	314	42	Sleet, hail, freezing rain
sleet	315	42	Sleet, hail, freezing rain
slowing	130	3	Slowing or stopping
small	164	2	Small
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
soft	133	67	Shoulder low, soft, high
soft	134	67	Shoulder low, soft, high
soft	312	67	Shoulder low, soft, high
soft	313	67	Shoulder low, soft, high
soft	314	67	Shoulder low, soft, high
soft	315	67	Shoulder low, soft, high
soil	131	43	Blowing sand, soil, dirt
soil	132	43	Blowing sand, soil, dirt
soil	133	43	Blowing sand, soil, dirt
soil	134	43	Blowing sand, soil, dirt
soil	312	43	Blowing sand, soil, dirt
soil	313	43	Blowing sand, soil, dirt
soil	314	43	Blowing sand, soil, dirt
soil	315	43	Blowing sand, soil, dirt
south	12	2	South
south	135	2	South
south	136	2	South
south-east	15	5	South-East
south-west	15	8	South-West
specialty	165	12	Specialty car
speed	123	*	SPEED LIMIT
speed	130	1	Moving constant speed
speed	131	18	Exceeded speed limit
speed	132	18	Exceeded speed limit
speed	133	18	Exceeded speed limit
speed	134	18	Exceeded speed limit
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
towed	139	*	TOWED UNIT-TYPE 3
toyota	160	16	Toyota
tractor	108	3	Truck / tractor
traffic	130	6	Stopped in traffic lane
traffic	131	13	Failed to obey traffic signal
traffic	132	13	Failed to obey traffic signal
traffic	133	13	Failed to obey traffic signal
traffic	134	13	Failed to obey traffic signal
traffic	311	53	Walking / riding with traffic
traffic	312	13	Failed to obey traffic signal
traffic	313	13	Failed to obey traffic signal
traffic	314	13	Failed to obey traffic signal
traffic	315	13	Failed to obey traffic signal
trailer	131	57	Trailer coupling
trailer	132	57	Trailer coupling
trailer	133	57	Trailer coupling
trailer	134	57	Trailer coupling
trailer	137	1	One semi trailer
trailer	138	1	One semi trailer
trailer	139	1	One semi trailer
trailer	312	57	Trailer coupling
trailer	313	57	Trailer coupling
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

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Item	Var	CV	Variable Name or Code Value
underside	126	22	Underside
underside	127	22	Underside
underside	128	22	Underside
undivided	17	*	DIVIDED/UNDIVIDED
unit	26	14	Units separated
unit	27	14	Units separated
unit	201	*	OCCUPANT UNIT NUMBER
unit	301	*	UNIT NUMBER
unit-type	137	*	TOWED UNIT-TYPE 1
unit-type	138	*	TOWED UNIT-TYPE 2
unit-type	139	*	TOWED UNIT-TYPE 3
us	9	2	US route
usdot	112	*	USDOT NUMBER
utility	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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
violation	315	32	Bicycle violation
visible	131	37	Clothing not visible
visible	132	37	Clothing not visible
visible	133	37	Clothing not visible
visible	134	37	Clothing not visible
visible	307	*	PEDESTRIAN VISIBLE
visible	312	37	Clothing not visible
visible	313	37	Clothing not visible
visible	314	37	Clothing not visible
visible	315	37	Clothing not visible
vision	131	47	Vision obstruction (including blinded by
vision	132	47	Vision obstruction (including blinded by
vision	133	47	Vision obstruction (including blinded by
vision	134	47	Vision obstruction (including blinded by
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

Maryland 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
window	133	55	Windows / windshield
window	134	55	Windows / windshield
window	312	55	Windows / windshield
window	313	55	Windows / windshield
window	314	55	Windows / windshield
window	315	55	Windows / windshield
winds	21	5	Severe winds
windshield	124	20	Windshield
windshield	125	20	Windshield
windshield	126	20	Windshield
windshield	127	20	Windshield
windshield	128	20	Windshield
windshield	131	55	Windows / windshield
windshield	132	55	Windows / windshield
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

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Item	Var	CV	Variable Name or Code Value
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

