

Transportation Data Center  
Data Set Codebook

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The University of Michigan  
Transportation Research Institute



STATE OF MISSOURI

1989 MOTOR VEHICLE ACCIDENTS

Introduction

This code book documents data sets describing motor-vehicle traffic accidents that occurred in the State of Missouri during calendar year 1989. The data sets were developed by the Transportation Data Center at the University of Michigan's Transportation Research Institute (UMTRI) from data supplied by the Missouri State Patrol.

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

1989 MISSOURI DATA SETS

DATA SET	KEY	VARIABLES	CASES
Accident	MOC89ACC	1-72	169,399
Person	MOC89PER	1-72,101-140,170-191, 201-217	318,939
Vehicle	MOC89VEH	1-72,101-140,170-191	313,477

The letter "C" in the data set descriptor represents "CENSUS" since these data sets describe all motor vehicle accidents that occurred in the state during calendar year 1989 that were recorded by the State Patrol.

The code book itself is divided into three sections that document the accident, vehicle, and person records, respectively. Univariate frequencies and frequency percentages displayed in each section were derived from the corresponding data set (i.e., accident frequencies from MOC89ACC, person frequencies from

MOC89PER, etc.). An index located at the end of the code book 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 code book) 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.

STATE OF MISSOURI  
1989 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
1	ACCIDENT NUMBER	10	Numeric	1
2	SUBMITTING AGENCY	7	Numeric	1
3	ACCIDENT DATE - YEAR	4	Numeric	14
4	ACCIDENT DATE - MONTH	2	Numeric	14
5	ACCIDENT DATE - DAY	2	Numeric	14
6	RECORD TYPE	2	Numeric	14
7	LONG OR SHORT FORM	1	Numeric	15
8	REPORT DATE - YEAR	4	Numeric	15
9	REPORT DATE - MONTH	2	Numeric	15
10	REPORT DATE - DAY	2	Numeric	15
11	AGENCY COMPLAINT NUMBER	10	Alphabetic	16
12	AGENCY TYPE	1	Numeric	16
13	DAY OF WEEK	1	Numeric	16
14	ACCIDENT SEVERITY	1	Numeric	16
15	NUMBER INJURED	2	Numeric	16
16	NUMBER KILLED	2	Numeric	17
17	NUMBER OF VEHICLES	2	Numeric	17
18	NUM MOTORIZED VEHICLES	2	Numeric	17
19	LEFT THE SCENE	1	Numeric	18
20	ACCIDENT HOUR	2	Numeric	18
21	ACCIDENT MINUTE	2	Numeric	18
22	TIME NOTIFIED	4	Numeric	18
23	TIME ARRIVED	4	Numeric	19
24	RESPONSE TIME	4	Numeric	19
25	HIGHWAY PATROL ZONE	2	Numeric	19
26	HIGHWAY PATROL TROOP	2	Numeric	19
27	BEAT/ZONE	4	Alphabetic	20
28	DISTRICT OR PRECINCT	4	Alphabetic	20
29	AT SCENE INVESTIGATION	1	Numeric	20
30	COUNTY	3	Numeric	20
31	MUNICIPALITY	4	Numeric	22
32	POPULATION	2	Numeric	29
33	AREA CLASS	1	Numeric	29
34	HIGHWAY CLASS	2	Numeric	30
35	ACC LOCATION - HIGHWAY	4	Alphabetic	30
36	SPEED LIMIT ON STRT/HWY	2	Numeric	30
37	SPEED LIMIT AT STRT/HWY	2	Numeric	30
38	LOG POINT	4	Alphabetic	31
39	LIGHT CONDITIONS	1	Numeric	31
40	ROAD SURFACE	1	Numeric	31
41	ROAD CONDITIONS	1	Numeric	32
42	WEATHER CONDITIONS	1	Numeric	32
43	ROADWAY ALIGNMENT	1	Numeric	32
44	ROADWAY PROFILE	1	Numeric	32
45	ACCIDENT TYPE	2	Numeric	33
46	ON OFF ROADWAY	1	Numeric	33
47	INTERSECTION QUADRANT	1	Numeric	33
48	AT INTERSECTION	1	Numeric	33
49	DIRECTIONAL ANALYSIS	2	Numeric	34
50	TWO VEHICLE ANALYSIS	2	Numeric	35

STATE OF MISSOURI  
1989 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
51	HP - REP OFFICER'S ZONE	2	Numeric	35
52	HP - REP OFFICER'S TROOP	2	Numeric	35
53	REPORTING OFFICER'S DSN	5	Alphabetic	36
54	REP OFFICER'S BEAT/ZONE	4	Alphabetic	36
55	REPORT OFFICER'S TROOP	4	Alphabetic	36
56	REVIEWING OFFICER'S DSN	5	Alphabetic	36
57	SPEED RELATED ACCIDENT	1	Numeric	36
58	DRINK DRIVER RELATED ACC	1	Numeric	36
59	DRUG DRIVER RELATED ACC	1	Numeric	36
60	VEHICLE DEFECT ACCIDENT	1	Numeric	37
61	DRIVER EJECTION ACCIDENT	1	Numeric	37
62	DRIVER UNDER 21 INVOLVED	1	Numeric	37
63	DRIVER UNDER 25 INVOLVED	1	Numeric	37
64	SCHOOL BUS INVOLVED	1	Numeric	37
65	TRUCK INVOLVED	1	Numeric	38
66	TRUCK GVW>26k LBS INVOL	1	Numeric	38
67	MOTORCYCLE INVOLVED	1	Numeric	38
68	HAZ MATERIAL INVOLVED	1	Numeric	38
69	ELECTRIC SIGNAL INVOLVED	1	Numeric	38
70	EMERGENCY VEH INVOLVED	1	Numeric	39
71	STOP SIGN INVOLVED	1	Numeric	39
72	YIELD SIGN INVOLVED	1	Numeric	39

STATE OF MISSOURI  
1989 - Vehicle/VIN

Variable Number	Variable Name	Width	Storage Type	Page Number
101	VEHICLE NUMBER	2	Numeric	41
102	VEHICLE MAKE	4	Alphabetic	41
103	VEHICLE YEAR	2	Numeric	41
104	VEHICLE BODY TYPE	2	Numeric	42
105	VEHICLE COLOR #1	3	Alphabetic	42
106	VEHICLE COLOR #2	3	Alphabetic	42
107	VEHICLE LICENSE STATE	2	Numeric	43
108	TOWED VEHICLE	1	Numeric	44
109	INITIAL VEH DAMAGE	2	Numeric	44
110	INITIAL IMPACT INDICATOR	1	Numeric	45
111	HAZ MATERIAL INVOLVED	1	Numeric	45
112	HAZ MATERIAL RELEASE	1	Numeric	45
113	VEH PULLING ANOTHER UNIT	1	Numeric	45
114	EMERGENCY VEH INVOLVED	1	Numeric	46
115	EMER VEH ON EMER RUN	1	Numeric	46
116	DVR PROB CONTR CIRC #1	2	Numeric	46
117	DVR PROB CONTR CIRC #2	2	Numeric	47
118	DVR PROB CONTR CIRC #3	2	Numeric	47
119	DVR PROB CONTR CIRC #4	2	Numeric	48
120	DVR PROB CONTR CIRC #5	2	Numeric	48
121	VEHICLE ACTION #1	2	Numeric	48
122	VEHICLE ACTION #2	2	Numeric	49
123	VEHICLE ACTION #3	2	Numeric	49
124	TRAFFIC CONTROL	2	Numeric	50
125	PRE CRASH DIR TRAVEL	1	Numeric	50
126	DRIVER STATUS	1	Numeric	51
127	DRIVER SEX	1	Numeric	51
128	DRIVER EJECTION	1	Numeric	51
129	DRIVER SEATBELT USAGE	1	Numeric	51
130	DRIVER HELMET USAGE	1	Numeric	52
131	DRIVER AGE	2	Numeric	52
132	DRIVER SEAT LOCATION	2	Numeric	52
133	DRIVER PERSONAL INJURY	1	Numeric	52
134	DRIVER LICENSE STATE	2	Numeric	53
135	DRIVER LICENSE TYPE	1	Numeric	54
136	DVR MOTORCYCLE QUALIFIED	1	Numeric	54
137	DRIVER INSURED	1	Numeric	54
138	DRIVER VISION OBSCURED	2	Numeric	55
139	DRIVER INTOXICATION	1	Numeric	55
140	VEHICLE STATUS	1	Numeric	55
170	VIN	12	Alphabetic	56
171	VINDICATOR - IERR	2	Numeric	56
172	VINDICATOR - ALTSW	1	Numeric	56
173	VINDICATOR - YEAR	4	Numeric	57
174	VINDICATOR - MAKE	2	Numeric	57
175	VINDICATOR - MAKE/MODEL	7	Numeric	59
176	VINDICATOR - BODY	2	Numeric	90
177	VINDICATOR - VEHTP	1	Numeric	90
178	VINDICATOR - SIZE	1	Numeric	91
179	VINDICATOR - STYLE CLASS	2	Numeric	91

STATE OF MISSOURI  
1989 - Vehicle/VIN

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
180	VINDICATOR - WEIGHT	4	Numeric	91
181	VINDICATOR - WHLBS	4	Numeric	92
182	VINDICATOR - LENGTH	4	Numeric	92
183	VINDICATOR - WIDTH	4	Numeric	92
184	VINDICATOR - HEIGHT	4	Numeric	92
185	VINDICATOR - RSTN	1	Numeric	93
186	VINDICATOR - ATD / DRL	25	Alphabetic	93
187	VINDICATOR - MINHP	3	Numeric	93
188	VINDICATOR - MAXHP	3	Numeric	93
189	VINDICATOR - ABS	3	Numeric	94
190	VINDICATOR - TRANS	2	Numeric	94
191	VINDICATOR - ENGINE	3	Numeric	94



STATE OF MISSOURI  
1989 - Person

Variable Number	Variable Name	Width	Storage Type	Page Number
201	PERSON INVOLVEMENT CODE	1	Numeric	97
202	PERSON AGE	2	Numeric	97
203	PERSON SEX	1	Numeric	97
204	PERSON SEAT LOCATION	2	Numeric	98
205	PERSON INJURY LEVEL	1	Numeric	98
206	PERSON EJECTION	1	Numeric	98
207	PERSON SEATBELT USAGE	1	Numeric	98
208	PERSON HELMET USAGE	1	Numeric	99
209	PEDESTRIAN INTOXICATION	1	Numeric	99
210	PEDESTRIAN ACTIONS	2	Numeric	99
211	PED PROB CONTR CIRC #1	2	Numeric	100
212	PED PROB CONTR CIRC #2	2	Numeric	100
213	PED PROB CONTR CIRC #3	2	Numeric	100
214	PED PROB CONTR CIRC #4	2	Numeric	101
215	PED PROB CONTR CIRC #5	2	Numeric	101



The ACCIDENT Variables

Variables 1 through 72 describe the accident. They are included in the Accident, Vehicle and Person data sets. The Accident data set contains these variables and no others.

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

Variable 2	SUBMITTING AGENCY	Width: 7	Type: Numeric
		Dec: None	Miss: None

AGENCY THAT INVESTIGATED ACCIDENT

1989	Prcnt	Code	Value and Description
30116	17.8	1	Kansas City PD
19709	11.6	2	Saint Louis City PD
4814	2.8	3	Highway Patrol Troop A
1980	1.2	4	Highway Patrol Troop B
6529	3.9	5	Highway Patrol Troop C
6302	3.7	6	Highway Patrol Troop D
3339	2.0	7	Highway Patrol Troop E
3759	2.2	8	Highway Patrol Troop F
1192	0.7	9	Highway Patrol Troop G
1853	1.1	10	Highway Patrol Troop H
1984	1.2	11	Highway Patrol Troop I
0	0.0	12	Carsonville PD
0	0.0	13	University of Missouri St. Louis PD
0	0.0	14	Meramec College PD
214	0.1	15	Lambert International Airport PD
1	0.0	16	Washington University PD
0	0.0	17	Babler State Park PD
0	0.0	18	Castlewood State Park PD
1178	0.7	19	Maryland Heights PD
692	0.4	20	Chesterfield PD
13	0.0	10000	Adair County SD
547	0.3	10100	Kirksville PD
0	0.0	10200	Novinger PD
1	0.0	10400	Thousand Hills Park
37	0.0	20000	Andrew County SD
58	0.0	20100	Savannah PD
8	0.0	30000	Atchison County SD
0	0.0	30100	Fairfax PD
17	0.0	30200	Rock Port PD
0	0.0	30300	Tarkio PD
2	0.0	40000	Audrain County SD
1	0.0	40200	Ladonia PD
1	0.0	40300	Martinsburg PD
273	0.2	40400	Mexico PD

## Variable 2: SUBMITTING AGENCY (Continued)

1989	Prcnt	Code	Value and Description
45	0.0	40500	Vandalia PD
2	0.0	50000	Barry County SD
88	0.1	50100	Cassville PD
236	0.1	50200	Monett PD
1	0.0	50400	Purdy PD
1	0.0	50900	Roaring River State Park
59	0.0	60100	Lamar PD
4	0.0	60800	Golden City PD
2	0.0	60900	Liberal PD
0	0.0	70000	Bates County SD
21	0.0	70100	Adrian PD
85	0.1	70200	Butler PD
14	0.0	70400	Rich Hill PD
15	0.0	80000	Benton County SD
15	0.0	80100	Cole Camp PD
0	0.0	80200	Lincoln PD
40	0.0	80300	Warsaw PD
3	0.0	80500	Harry S. Truman State Park
75	0.0	90000	Bollinger County SD
4	0.0	90200	Marble Hill PD
1	0.0	90400	Zalma PD
160	0.1	100000	Boone County SD
71	0.0	100100	Centralia PD
2794	1.6	100200	Columbia PD
0	0.0	100210	Columbia PD - Records Division
7	0.0	100300	Sturgeon PD
359	0.2	100400	University Of Missouri - Col
19	0.0	100500	Ashland PD
7	0.0	100600	Hallsville PD
1	0.0	100700	Harrisburg PD
0	0.0	101000	Rocheport PD
1	0.0	101100	Finger Lakes State Park
0	0.0	101200	Rock Bridge State Park
45	0.0	110000	Buchanan County SD
2878	1.7	110100	Saint Joseph PD
0	0.0	110300	Dekalb PD
0	0.0	110800	Lewis-Clark State Park
0	0.0	120000	Butler County SD
1024	0.6	120200	Poplar Bluff PD
0	0.0	130000	Caldwell County SD
6	0.0	130100	Braymer PD
15	0.0	130300	Hamilton PD
0	0.0	130700	Polo PD
0	0.0	140000	Callaway County SD
0	0.0	140100	Auxvasse PD
2	0.0	140200	Cedar City PD
314	0.2	140300	Fulton PD
0	0.0	140400	New Bloomfield PD
15	0.0	140500	Holts Summit PD
12	0.0	150000	Camden County SD
121	0.1	150100	Camdenton PD
283	0.2	150200	Osage Beach PD

STATE OF MISSOURI  
1989 - Accident

Variable 2: SUBMITTING AGENCY (Continued)

1989	Prcnt	Code	Value and Description
42	0.0	150600	Linn Creek PD
1	0.0	150700	Macks Creek PD
5	0.0	150900	Sunrise Beach PD
1	0.0	151000	Ha Ha Tonka State Park
2	0.0	160000	Cape Girardeau County SD
1766	1.0	160100	Cape Girardeau PD
320	0.2	160200	Jackson PD
2	0.0	161000	Bollinger Mill Park
0	0.0	161100	Trail of Tears State Park
9	0.0	170000	Carroll County SD
90	0.1	170100	Carrollton PD
0	0.0	170300	Norborne PD
1	0.0	180000	Carter County SD
10	0.0	180100	Van Buren PD
0	0.0	180200	Ellsinore PD
399	0.2	190000	Cass County SD
0	0.0	190100	Archie PD
495	0.3	190200	Belton PD
5	0.0	190300	Drexel PD
224	0.1	190400	Harrisonville PD
93	0.1	190500	Pleasant Hill PD
34	0.0	190600	Peculiar PD
68	0.0	190700	Raymore PD
6	0.0	190800	Garden City PD
0	0.0	190900	Creighton PD
6	0.0	191000	Lake Winnebago PD
0	0.0	191100	Cleveland PD
0	0.0	200000	Cedar County SD
79	0.0	200100	El Dorado Springs PD
17	0.0	200200	Stockton PD
40	0.0	210000	Chariton County SD
8	0.0	210100	Brunswick PD
0	0.0	210200	Keytesville PD
53	0.0	210400	Salisbury PD
1	0.0	220000	Christian County SD
13	0.0	220100	Billings PD
52	0.0	220200	Nixa PD
96	0.1	220300	Ozark PD
5	0.0	220400	Clever PD
43	0.0	230000	Clark County SD
0	0.0	230100	Kahoka PD
0	0.0	230200	Alexandria PD
0	0.0	230500	Wayland PD
0	0.0	240000	Clay County SD
3	0.0	240100	Avondale PD
63	0.0	240200	Claycomo PD
358	0.2	240300	Excelsior Springs PD
667	0.4	240400	Gladstone PD
52	0.0	240500	Kearney PD
717	0.4	240600	Liberty PD
592	0.3	240700	North Kansas City PD
87	0.1	240800	Smithville PD

## Variable 2: SUBMITTING AGENCY (Continued)

1989	Prcnt	Code	Value and Description
66	0.0	240900	Pleasant Valley PD
31	0.0	241000	Village of Oakview PD
4	0.0	241400	Watkins Mill State Park
11	0.0	241600	Clay County Park Authority
0	0.0	241700	Village of Randolph PD
0	0.0	250000	Clinton County SD
111	0.1	250100	Cameron PD
0	0.0	250200	Gower PD
19	0.0	250400	Lathrop PD
16	0.0	250500	Plattsburg PD
0	0.0	250900	Wallace State Park
110	0.1	260000	Cole County SD
2010	1.2	260100	Jefferson City PD
1	0.0	260200	Russellville PD
0	0.0	261600	Park Ranger General Headquarters
15	0.0	261700	Capitol Complex Security
27	0.0	270000	Cooper County SD
199	0.1	270100	Boonville PD
1	0.0	270300	Otterville PD
0	0.0	270500	Pilot Grove PD
3	0.0	280000	Crawford County SD
2	0.0	280100	Bourbon PD
50	0.0	280200	Cuba PD
9	0.0	280300	Steelville PD
0	0.0	280900	Onondaga Cave State Park
15	0.0	290000	Dade County SD
12	0.0	290100	Greenfield PD
11	0.0	290200	Lockwood PD
0	0.0	300000	Dallas County SD
73	0.0	300100	Buffalo PD
2	0.0	310000	Daviess County SD
4	0.0	310100	Gallatin PD
0	0.0	310300	Pattonsburg PD
0	0.0	320000	Dekalb County SD
16	0.0	320100	Maysville PD
0	0.0	320300	Stewartsville PD
0	0.0	330000	Dent County SD
110	0.1	330100	Salem PD
0	0.0	330200	Montauk State Park
0	0.0	340000	Douglas County SD
72	0.0	340100	Ava PD
0	0.0	350000	Dunklin County SD
31	0.0	350100	Campbell PD
0	0.0	350200	Cardwell PD
16	0.0	350300	Clarkton PD
364	0.2	350500	Kennett PD
127	0.1	350600	Malden PD
1	0.0	350700	Senath PD
6	0.0	350900	Arbyrd PD
136	0.1	360000	Franklin County SD
18	0.0	360200	Gerald PD
35	0.0	360300	New Haven PD

Variable 2: SUBMITTING AGENCY (Continued)

1989	Prcnt	Code	Value and Description
106	0.1	360400	Pacific PD
122	0.1	360500	Saint Clair PD
162	0.1	360600	Sullivan PD
248	0.1	360700	Union PD
480	0.3	360800	Washington PD
12	0.0	361200	Meramec State Park
2	0.0	361300	Robertsville State Park
26	0.0	370000	Gasconade County SD
3	0.0	370100	Bland PD
89	0.1	370200	Hermann PD
76	0.0	370300	Owensville PD
3	0.0	370400	Rosebud PD
10	0.0	380000	Gentry County SD
26	0.0	380100	Albany PD
7	0.0	380200	King City PD
22	0.0	380300	Stanberry PD
0	0.0	390000	Greene County SD
5	0.0	390100	Ash Grove PD
77	0.0	390200	Republic PD
5698	3.4	390300	Springfield PD
4	0.0	390400	Walnut Grove PD
1	0.0	390600	Brookline PD
0	0.0	390700	Fair Grove PD
15	0.0	390900	Willard PD
1	0.0	400000	Grundy County SD
192	0.1	400100	Trenton PD
1	0.0	400700	Crowder State Park
0	0.0	410000	Harrison County SD
44	0.0	410100	Bethany PD
5	0.0	420000	Henry County SD
320	0.2	420100	Clinton PD
0	0.0	420200	Deepwater PD
55	0.0	420300	Windsor PD
0	0.0	420400	Montrose PD
8	0.0	420800	Urich PD
55	0.0	430000	Hickory County SD
76	0.0	440000	Holt County SD
4	0.0	440400	Mound City PD
1	0.0	440500	Oregon PD
0	0.0	440900	Big Lake State Park
25	0.0	450000	Howard County SD
11	0.0	450100	Fayette PD
28	0.0	450200	Glasgow PD
9	0.0	450300	New Franklin PD
0	0.0	450400	Armstrong PD
0	0.0	450700	Estill Station PD
1	0.0	460000	Howell County SD
72	0.0	460100	Mountain View PD
387	0.2	460200	West Plains PD
46	0.0	460300	Willow Springs PD
39	0.0	470000	Iron County SD
55	0.0	470100	Ironton PD

## Variable 2: SUBMITTING AGENCY (Continued)

1989	Prcnt	Code	Value and Description
1	0.0	470200	Pilot Knob PD
0	0.0	470300	Annapolis PD
0	0.0	470400	Arcadia PD
1	0.0	470500	Viburnum PD
0	0.0	470600	Elephant Rock State Park
487	0.3	480000	Jackson County SD
1057	0.6	480100	Blue Springs PD
30	0.0	480200	Buckner PD
56	0.0	480300	Grain Valley PD
628	0.4	480400	Grandview PD
14	0.0	480500	Greenwood PD
4176	2.5	480600	Independence PD
19	0.0	480700	Lake Lotawana PD
958	0.6	480800	Lee's Summit PD
865	0.5	481000	Raytown PD
102	0.1	481100	Sugar Creek PD
7	0.0	481200	Lone Jack PD
3	0.0	481300	Lake Tapawingo PD
0	0.0	481400	Levasy PD
2	0.0	490000	Jasper County SD
24	0.0	490100	Carl Junction PD
2	0.0	490200	Carterville PD
288	0.2	490300	Carthage PD
6	0.0	490400	Jasper PD
15	0.0	490500	Sarcoxie PD
184	0.1	490600	Webb City PD
2227	1.3	490700	Joplin PD
572	0.3	500000	Jefferson County SD
207	0.1	500100	Crystal City PD
119	0.1	500200	DeSoto PD
286	0.2	500300	Festus PD
52	0.0	500400	Hillsboro PD
116	0.1	500600	Pevely PD
620	0.4	500700	Arnold PD
67	0.0	500800	Herculaneum PD
4	0.0	500900	Olympian Village PD
6	0.0	501500	Byrnes Mill PD
0	0.0	510000	Johnson County SD
22	0.0	510100	Holden PD
42	0.0	510200	Knob Noster PD
554	0.3	510300	Warrensburg PD
0	0.0	510400	Central Missouri State University
0	0.0	510600	Chilhowee PD
0	0.0	510900	Leeton PD
2	0.0	511000	Knob Noster State Park
4	0.0	520000	Knox County SD
6	0.0	520200	Edina PD
0	0.0	530000	Laclede County SD
1	0.0	530100	Conway PD
505	0.3	530200	Lebanon PD
4	0.0	530600	Bennett Springs State Park
1	0.0	540000	Lafayette County SD



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Variable 2: SUBMITTING AGENCY (Continued)

1989	Prcnt	Code	Value and Description
45	0.0	540200	Concordia PD
110	0.1	540400	Higginsville PD
156	0.1	540500	Lexington PD
69	0.0	540600	Odessa PD
6	0.0	540700	Waverly PD
1	0.0	540800	Wellington PD
0	0.0	540900	Napoleon PD
2	0.0	541100	Bates City PD
1	0.0	541400	Missouri Battle of Lexington State Park
0	0.0	550000	Lawrence County SD
127	0.1	550100	Aurora PD
22	0.0	550200	Marionville PD
3	0.0	550300	Miller PD
83	0.0	550400	Mount Vernon PD
7	0.0	550500	Pierce City PD
10	0.0	560000	Lewis County SD
34	0.0	560100	Canton PD
4	0.0	560300	Lagrange PD
0	0.0	560800	Wakonda State Park
84	0.0	570000	Lincoln County SD
28	0.0	570100	Elsberry PD
7	0.0	570200	Old Monroe PD
115	0.1	570400	Troy PD
2	0.0	570500	Winfield PD
0	0.0	570700	Hawk Point PD
0	0.0	570800	Moscow Mills PD
5	0.0	571000	Cuivre River State Park
2	0.0	580000	Linn County SD
152	0.1	580100	Brookfield PD
1	0.0	580200	Bucklin PD
50	0.0	580300	Marceline PD
0	0.0	580900	Pershing Memorial Park
1	0.0	590000	Livingston County SD
296	0.2	590100	Chillicothe PD
0	0.0	600000	McDonald County SD
21	0.0	600100	Anderson PD
18	0.0	600200	Noel PD
3	0.0	600300	Pineville PD
15	0.0	600400	Southwest City PD
16	0.0	600500	Goodman PD
4	0.0	600600	Lanagan PD
1	0.0	610000	Macon County SD
16	0.0	610200	Laplata PD
174	0.1	610300	Macon PD
2	0.0	610500	Atlanta PD
1	0.0	611100	Long Branch State Park
85	0.1	620100	Fredericktown PD
2	0.0	620300	Marquand PD
4	0.0	630000	Maries County SD
19	0.0	630100	Belle PD
2	0.0	630400	Vienna PD
46	0.0	640000	Marion County SD

## Variable 2: SUBMITTING AGENCY (Continued)

1989	Prcnt	Code	Value and Description
867	0.5	640100	Hannibal PD
69	0.0	640200	Palmyra PD
28	0.0	650000	Mercer County SD
0	0.0	650100	Princeton PD
14	0.0	660000	Miller County SD
134	0.1	660100	Eldon PD
8	0.0	660200	Iberia PD
76	0.0	660300	Lake Ozark PD
0	0.0	660600	Lakeside PD
9	0.0	661100	Lake Ozark State Park
20	0.0	670000	Mississippi County SD
114	0.1	670100	Charleston PD
60	0.0	670200	East Prairie PD
0	0.0	670400	Bertrand PD
0	0.0	670600	Wyatt PD
96	0.1	680100	California PD
11	0.0	680200	Tipton PD
0	0.0	680700	Clarksburg PD
0	0.0	690000	Monroe County SD
0	0.0	690100	Madison PD
62	0.0	690200	Monroe City PD
12	0.0	690300	Paris PD
2	0.0	690600	Mark Twain State Park
11	0.0	700000	Montgomery County SD
0	0.0	700100	Jonesburg PD
41	0.0	700200	Montgomery City PD
18	0.0	700300	Wellsville PD
0	0.0	700400	Bellflower PD
2	0.0	700500	Middletown PD
10	0.0	710000	Morgan County SD
12	0.0	710100	Stover PD
83	0.0	710200	Versailles PD
34	0.0	710700	Laurie PD
0	0.0	720000	New Madrid County SD
1	0.0	720100	Gideon PD
9	0.0	720300	Morehouse PD
3	0.0	720400	New Madrid PD
5	0.0	720500	Parma PD
54	0.0	720600	Portageville PD
0	0.0	721000	Marston PD
14	0.0	730100	Diamond PD
8	0.0	730200	Granby PD
432	0.3	730300	Neosho PD
35	0.0	730400	Senaca PD
3	0.0	740000	Nodaway County SD
1	0.0	740100	Burlington Junction PD
318	0.2	740200	Maryville PD
0	0.0	750000	Oregon County SD
9	0.0	750100	Alton PD
41	0.0	750200	Thayer PD
0	0.0	760000	Osage County SD
4	0.0	760300	Linn PD

Variable 2: SUBMITTING AGENCY (Continued)

1989	Prcnt	Code	Value and Description
0	0.0	760500	Westphalia PD
4	0.0	760600	Freeburg PD
18	0.0	770000	Ozark County SD
1	0.0	770100	Gainesville PD
1	0.0	770200	Theodosia PD
0	0.0	780000	Pemiscott County SD
155	0.1	780100	Caruthersville PD
127	0.1	780300	Hayti PD
30	0.0	780500	Stelle PD
0	0.0	780600	Wardell PD
36	0.0	790000	Perry County SD
259	0.2	790100	Perryville PD
0	0.0	790300	Frohna PD
42	0.0	800000	Pettis County SD
3	0.0	800200	La Monte PD
894	0.5	800300	Sedalia PD
0	0.0	800400	Greenridge PD
1	0.0	800600	Smithton PD
0	0.0	800700	Bothwell State Park
583	0.3	810100	Rolla PD
75	0.0	810200	Saint James PD
0	0.0	810300	Doolittle PD
8	0.0	810400	Newburg PD
0	0.0	810600	Edgar Springs PD
26	0.0	820000	Pike County SD
68	0.0	820100	Bowling Green PD
3	0.0	820200	Clarksville PD
116	0.1	820300	Louisiana PD
0	0.0	820600	Curryville PD
3	0.0	820700	Eolia PD
428	0.3	830000	Platte County SD
99	0.1	830100	Parkville PD
48	0.0	830200	Platte City PD
8	0.0	830300	Platte Woods PD
42	0.0	830400	Weston PD
100	0.1	830500	Riverside PD
0	0.0	830600	Lake Waukomis PD
8	0.0	830700	Northmoor PD
2	0.0	830800	Houston Lake PD
0	0.0	831000	Dearborn PD
0	0.0	831300	Ferrelview PD
3	0.0	831400	Tracy PD
4	0.0	831500	Weatherby Lake PD
0	0.0	831700	Weston Bend State Park
0	0.0	840000	Polk County SD
209	0.1	840100	Bolivar PD
7	0.0	840200	Humansville PD
0	0.0	840600	Brighton PD
0	0.0	841200	Huckaby PD
0	0.0	850100	Crocker PD
50	0.0	850200	Dixon PD
12	0.0	850300	Richland PD

## Variable 2: SUBMITTING AGENCY (Continued)

1989	Prcnt	Code	Value and Description
175	0.1	850400	Saint Roberts PD
62	0.0	850500	Waynesville PD
6	0.0	860000	Putnam County SD
23	0.0	860100	Unionville PD
0	0.0	860300	Lucerne PD
0	0.0	870100	Center PD
0	0.0	870200	New London PD
6	0.0	870300	Perry PD
0	0.0	880000	Randolph County SD
0	0.0	880100	Higbee PD
0	0.0	880200	Huntsville PD
554	0.3	880300	Moberly PD
0	0.0	890000	Ray County SD
3	0.0	890100	Hardin PD
175	0.1	890200	Richmond PD
46	0.0	890300	Lawson PD
0	0.0	890900	Orrick PD
6	0.0	891100	Wood Heights PD
14	0.0	900000	Reynolds County SD
0	0.0	900100	Ellington PD
3	0.0	900200	Bunker PD
5	0.0	900400	Johnson Shut Ins Park
0	0.0	910000	Ripley County SD
39	0.0	910100	Doniphan PD
756	0.4	920000	Saint Charles County SD
660	0.4	920100	O'Fallon PD
2231	1.3	920300	Saint Charles PD
1198	0.7	920400	Saint Peters PD
196	0.1	920500	Wentzville PD
0	0.0	920800	Weldon Springs PD
123	0.1	920900	Lake Saint Louis PD
96	0.1	930000	Saint Clair County SD
10	0.0	930100	Appleton City PD
15	0.0	930200	Osceola PD
9	0.0	930500	Lowry City PD
2	0.0	940000	Saint Francois County SD
6	0.0	940100	Bismarck PD
79	0.0	940200	Bonne Terre PD
100	0.1	940300	Desloge PD
9	0.0	940400	Elvins PD
13	0.0	940500	Esther PD
334	0.2	940600	Farmington PD
228	0.1	940700	Flat River PD
2	0.0	940800	Leadwood PD
3	0.0	941000	Ter Du Lac PD
0	0.0	941500	Iron Mountain Lake PD
34	0.0	941600	Leadington PD
1	0.0	941900	Saint Francois State Park
34	0.0	942000	Saint Joe State Park
0	0.0	942100	Iron Mountain Lake PD
5920	3.5	950000	Saint Louis County SD
0	0.0	950100	Arbor Terrace PD

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Variable 2: SUBMITTING AGENCY (Continued)

1989	Prcnt	Code	Value and Description
485	0.3	950200	Ballwin PD
3	0.0	950300	Bella Villa PD
183	0.1	950400	Bellefontaine Neighbors PD
33	0.0	950500	Bel Nor PD
158	0.1	950600	Bel Ridge PD
604	0.4	950700	Berkeley PD
187	0.1	950800	Breckenridge Hills PD
271	0.2	950900	Brentwood PD
1309	0.8	951000	Bridgeton PD
34	0.0	951100	Calverton Park PD
27	0.0	951200	Charlack PD
0	0.0	951300	Clarkson Valley PD
680	0.4	951400	Clayton PD
120	0.1	951500	Cool Valley PD
73	0.0	951600	Country Club Hills PD
219	0.1	951800	Crestwood PD
919	0.5	951900	Creve Coeur PD
96	0.1	952100	Dellwood PD
336	0.2	952200	Des Peres PD
82	0.0	952300	Edmundson PD
230	0.1	952500	Ellisville PD
210	0.1	952600	Eureka PD
292	0.2	952700	Fenton PD
640	0.4	952800	Ferguson PD
25	0.0	952900	Flordell Hills PD
1449	0.9	953000	Florissant PD
260	0.2	953100	Frontenac PD
62	0.0	953200	Glendale PD
1	0.0	953500	Grantwood Village PD
4	0.0	953700	Hanley Hills PD
744	0.4	953800	Hazelwood PD
59	0.0	953900	Hillsdale PD
0	0.0	954000	Huntleigh PD
384	0.2	954100	Jennings PD
0	0.0	954200	Kinloch PD
776	0.5	954300	Kirkwood PD
403	0.2	954400	Ladue PD
205	0.1	954700	Manchester PD
287	0.2	954800	Maplewood PD
143	0.1	955000	Marlborough PD
64	0.0	955100	Moline Acres PD
145	0.1	955200	Normandy PD
100	0.1	955300	Northwoods PD
189	0.1	955500	Olivette PD
611	0.4	955600	Overland PD
168	0.1	955700	Pagedale PD
0	0.0	955800	Pasadena Hills PD
0	0.0	955900	Pasadena Park PD
218	0.1	956100	Pine Lawn PD
869	0.5	956200	Richmond Heights PD
33	0.0	956300	Riverview PD
130	0.1	956400	Rock Hill PD

## Variable 2: SUBMITTING AGENCY (Continued)

1989	Prcnt	Code	Value and Description
409	0.2	956500	Saint Ann PD
11	0.0	956600	Saint George PD
185	0.1	956700	Saint John PD
144	0.1	956900	Shrewsbury PD
393	0.2	957000	Sunset Hills PD
0	0.0	957100	Times Beach PD
665	0.4	957200	Town and Country PD
804	0.5	957300	University City PD
129	0.1	957400	Valley Park PD
33	0.0	957500	Velda Village PD
9	0.0	957600	Velda Village Hills PD
49	0.0	957700	Vinita Park PD
3	0.0	957800	Vinita Terrace PD
3	0.0	957900	Warson Woods PD
612	0.4	958000	Webster Groves PD
121	0.1	958100	Wellston PD
0	0.0	958300	Winchester PD
98	0.1	958400	Woodson Terrace PD
67	0.0	958500	Beverly Hills PD
6	0.0	958700	Sycamore Hills PD
0	0.0	959000	Westwood PD
11	0.0	959100	Upland Park PD
1	0.0	959200	Bellerive PD
0	0.0	959700	Oakland PD
7	0.0	970000	Sainte Genevieve County SD
85	0.1	970100	Sainte Genevieve PD
0	0.0	970400	Missouri Hawn State Park
324	0.2	980100	Marshall PD
28	0.0	980200	Slater PD
24	0.0	980300	Sweet Springs PD
0	0.0	990000	Schuyler County SD
4	0.0	1000000	Scotland County SD
26	0.0	1000100	Memphis PD
6	0.0	1010000	Scott County SD
61	0.0	1010100	Chaffee PD
6	0.0	1010400	Oran PD
87	0.1	1010500	Scott City PD
613	0.4	1010600	Sikeston PD
1	0.0	1010700	Benton PD
5	0.0	1010800	Morley PD
39	0.0	1010900	Miner PD
0	0.0	1020000	Shannon County SD
0	0.0	1020100	Birch Tree PD
11	0.0	1020200	Winona PD
0	0.0	1020300	Eminence PD
9	0.0	1030000	Shelby County SD
1	0.0	1030200	Clarence PD
26	0.0	1030400	Shelbina PD
0	0.0	1030500	Shelbyville PD
28	0.0	1040100	Advance PD
19	0.0	1040200	Bernie PD
19	0.0	1040300	Bloomfield PD

Variable 2: SUBMITTING AGENCY (Continued)

1989	Prcnt	Code	Value and Description
182	0.1	1040400	Dexter PD
0	0.0	1040500	Puxico PD
0	0.0	1040700	Bell City PD
2	0.0	1050000	Stone County SD
29	0.0	1050100	Crane PD
0	0.0	1050300	Reed Spring PD
16	0.0	1050500	Kimberling City PD
2	0.0	1060000	Sullivan County SD
32	0.0	1060100	Milan PD
0	0.0	1060200	Green City PD
0	0.0	1070000	Taney County SD
283	0.2	1070100	Branson PD
27	0.0	1070200	Forsyth PD
68	0.0	1070300	Hollister PD
0	0.0	1070400	Rockaway Beach PD
2	0.0	1070500	Table Rock State Park
0	0.0	1080000	Texas County SD
49	0.0	1080100	Cabool PD
49	0.0	1080200	Houston PD
29	0.0	1080300	Licking PD
0	0.0	1080500	Summersville PD
0	0.0	1090000	Vernon County SD
338	0.2	1090100	Nevada PD
30	0.0	1100000	Warren County SD
141	0.1	1100300	Warrenton PD
32	0.0	1100400	Wright City PD
1	0.0	1110000	Washington County SD
3	0.0	1110200	Irondale PD
148	0.1	1110300	Potosi PD
1	0.0	1110500	Washington State Park
0	0.0	1120000	Wayne County SD
53	0.0	1120100	Piedmont PD
1	0.0	1120200	Williamsville PD
0	0.0	1120300	Greenville PD
1	0.0	1120400	Lake Wappapello State Park
0	0.0	1120500	Sam A. Baker State Park
1	0.0	1130000	Webster County SD
92	0.1	1130100	Marshfield PD
16	0.0	1130200	Seymour PD
0	0.0	1130400	Fordland PD
0	0.0	1130600	Rogersville PD
11	0.0	1140000	Worth County SD
1	0.0	1140100	Grant City PD
0	0.0	1150000	Wright County SD
0	0.0	1150100	Hartville PD
24	0.0	1150200	Mansfield PD
107	0.1	1150300	Mountain Grove PD
0	0.0	1150400	Norwood PD

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Variable 3	ACCIDENT DATE - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: None

1989 Prcnt	Code Value and Description
169399 100.0	1989 1989

Variable 4	ACCIDENT DATE - MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: None

1989 Prcnt	Code Value and Description
12156 7.2	1 January
12812 7.6	2 February
13522 8.0	3 March
13004 7.7	4 April
14906 8.8	5 May
14009 8.3	6 June
14052 8.3	7 July
13993 8.3	8 August
14172 8.4	9 September
15354 9.1	10 October
13677 8.1	11 November
17742 10.5	12 December

Variable 5	ACCIDENT DATE - DAY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1989 Prcnt	Code Value and Description
5964 3.5	1 - Day of month
3012 1.8	31
217 0.1	99 Unknown

Variable 6	RECORD TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: None

1989 Prcnt	Code Value and Description
169399 100.0	1 Accident



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Variable 7	LONG OR SHORT FORM	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

1989 Prcnt	Code Value and Description
161853 95.5	1 Long form
7546 4.5	2 Short form

---

Variable 8	REPORT DATE - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: None

---

1989 Prcnt	Code Value and Description
169282 99.9	1989 1989
117 0.1	1990 1990

---

Variable 9	REPORT DATE - MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

1989 Prcnt	Code Value and Description
12211 7.2	1 January
12797 7.6	2 February
13495 8.0	3 March
13023 7.7	4 April
14908 8.8	5 May
14002 8.3	6 June
14060 8.3	7 July
13993 8.3	8 August
14168 8.4	9 September
15362 9.1	10 October
13690 8.1	11 November
17690 10.4	12 December

---

Variable 10	REPORT DATE - DAY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

1989 Prcnt	Code Value and Description
5848 3.5	1 - Day of month
3016 1.8	31
553 0.3	99 Unknown

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Variable 11	AGENCY COMPLAINT NUMBER	Width: 10	Type: Alphabetic
		Dec: None	Miss: None

Variable 12	AGENCY TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: None

1989 Prcnt	Code Value and Description
31752 18.7	1 Highway Patrol
5920 3.5	2 St. Louis County Police Department
487 0.3	3 Jackson County Sheriff's Department
30116 17.8	4 Kansas City Police Department
19709 11.6	5 St. Louis City Police Department
77710 45.9	6 Other city police department
3705 2.2	7 Other county sheriff's department

Variable 13	DAY OF WEEK	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1989 Prcnt	Code Value and Description
18171 10.7	1 Sunday
23507 13.9	2 Monday
22992 13.6	3 Tuesday
24021 14.2	4 Wednesday
24443 14.4	5 Thursday
30495 18.0	6 Friday
25553 15.1	7 Saturday
217 0.1	9 Unknown

Variable 14	ACCIDENT SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: None

1989 Prcnt	Code Value and Description
936 0.6	1 Fatal
7248 4.3	2 Personal injury - disabling major
19896 11.7	3 Personal injury - evident
17448 10.3	4 Personal injury - probable
123871 73.1	5 Property damage

Variable 15	NUMBER INJURED	Width: 2	Type: Numeric
		Dec: None	Miss: None

1989 Prcnt	Code Value and Description
124330 73.4	0 No persons injured
29983 17.7	1 One person injured

Variable 15:NUMBER INJURED (Continued)

1989 Prcnt	Code	Value and Description
9915 5.9	2	Two persons injured
3265 1.9	3	Three persons injured
1191 0.7	4	Four persons injured
426 0.3	5	Five persons injured
	-	
1 0.0	24	Twenty-four persons injured

---

Variable 16      NUMBER KILLED      Width: 2      Type: Numeric  
Dec:    None      Miss: None

---

1989 Prcnt	Code	Value and Description
168463 99.4	0	No persons killed
843 0.5	1	One person killed
75 0.0	2	Two persons killed
15 0.0	3	Three persons killed
2 0.0	4	Four persons killed
1 0.0	6	Six persons killed

---

Variable 17      NUMBER OF VEHICLES      Width: 2      Type: Numeric  
Dec:    None      Miss: None

---

1989 Prcnt	Code	Value and Description
39083 23.1	1	One vehicle involved
118952 70.2	2	Two vehicles involved
9530 5.6	3	Three vehicles involved
1462 0.9	4	Four vehicles involved
273 0.2	5	Five vehicles involved
	-	
1 0.0	30	Thirty vehicles involved

---

Variable 18      NUM MOTORIZED VEHICLES      Width: 2      Type: Numeric  
Dec:    None      Miss: None

---

Number of motorized vehicles

1989 Prcnt	Code	Value and Description
0 0.0	0	No motorized vehicles involved
40316 23.8	1	One motorized vehicle involved
117739 69.5	2	Two motorized vehicles involved
9510 5.6	3	Three motorized vehicles involved
1462 0.9	4	Four motorized vehicles involved
275 0.2	5	Five motorized vehicles involved
	-	

## Variable 18: NUM MOTORIZED VEHICLES (Continued)

1989 Prcnt	Code Value and Description
1 0.0	30 Thirty motorized vehicles involved

---

Variable 19	LEFT THE SCENE	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

1989 Prcnt	Code Value and Description
19146 11.3	1 Yes
150253 88.7	2 No

---

Variable 20	ACCIDENT HOUR	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

1989 Prcnt	Code Value and Description
4048 2.4	0 12:01 am - 12:59 am
4191 2.5	1 1:00 am - 1:59 am
	-
5211 3.1	23 11:00 pm - 11:59 pm
254 0.1	24 Midnight
2594 1.5	99 Unknown

---

Variable 21	ACCIDENT MINUTE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

1989 Prcnt	Code Value and Description
19772 11.7	0
	- Minutes (part of 2400 clock)
616 0.4	59
2594 1.5	99 Unknown

---

Variable 22	TIME NOTIFIED	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

---

1989 Prcnt	Code Value and Description
96 0.1	1 12:01 am
	-
88 0.1	2400 Midnight
2498 1.5	9999 Unknown

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Variable 23      TIME ARRIVED      Width: 4      Type: Numeric  
Dec:    None      Miss: 9999

---

1989 Prcnt      Code Value and Description

79	0.0	1	12:01 am
		-	
81	0.0	2400	Midnight
7209	4.3	9999	Unknown

---

Variable 24      RESPONSE TIME      Width: 4      Type: Numeric  
Dec:    None      Miss: 9999

---

1989 Prcnt      Code Value and Description

13124	7.7	0	
		-	Actual time to respond in minutes
37	0.0	1439	
0	0.0	9997	9997 minutes or greater
26227	15.5	9998	Not investigated at scene
2210	1.3	9999	Unknown

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Variable 25      HIGHWAY PATROL ZONE      Width: 2      Type: Numeric  
Dec:    None      Miss: 99

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1989 Prcnt      Code Value and Description

137647	81.3	0	Not a Highway Patrol accident
2816	1.7	1	
		-	Zone Number
669	0.4	16	
0	0.0	99	Unknown

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Variable 26      HIGHWAY PATROL TROOP      Width: 2      Type: Numeric  
Dec:    None      Miss: 99

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1989 Prcnt      Code Value and Description

137647	81.3	0	Not a Highway Patrol accident
4814	2.8	1	Troop A
1980	1.2	2	Troop B
6529	3.9	3	Troop C
6302	3.7	4	Troop D
3339	2.0	5	Troop E
3759	2.2	6	Troop F
1192	0.7	7	Troop G
1853	1.1	8	Troop H
1984	1.2	9	Troop I
0	0.0	99	Unknown

STATE OF MISSOURI  
1989 - Accident

Variable 27	BEAT/ZONE	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

Variable 28	DISTRICT OR PRECINCT	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

Variable 29	AT SCENE INVESTIGATION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Was the accident investigated at the scene?

1989	Prcnt	Code	Value and Description
142020	83.8	1	Yes
26227	15.5	2	No
1152	0.7	9	Unknown

Variable 30	COUNTY	Width: 3	Type: Numeric
		Dec: None	Miss: 999

COUNTY IN WHICH ACCIDENT OCCURRED

1989	Prcnt	Code	Value and Description
711	0.4	1	Adair
305	0.2	2	Andrew
122	0.1	3	Atchison
533	0.3	4	Audrain
722	0.4	5	Barry
213	0.1	6	Barton
303	0.2	7	Bates
351	0.2	8	Benton
194	0.1	9	Bollinger
3997	2.4	10	Boone
3203	1.9	11	Buchanan
1486	0.9	12	Butler
135	0.1	13	Caldwell
957	0.6	14	Callaway
858	0.5	15	Camden
2582	1.5	16	Cape Girardeau
214	0.1	17	Carroll
99	0.1	18	Carter
1532	0.9	19	Cass
188	0.1	20	Cedar
172	0.1	21	Chariton
584	0.3	22	Christian
163	0.1	23	Clark
6281	3.7	24	Clay
333	0.2	25	Clinton
2442	1.4	26	Cole

Variable 30:COUNTY (Continued)

1989	Prcnt	Code	Value and Description
498	0.3	27	Cooper
436	0.3	28	Crawford
122	0.1	29	Dade
290	0.2	30	Dallas
144	0.1	31	Daviess
147	0.1	32	Dekalb
300	0.2	33	Dent
173	0.1	34	Douglas
769	0.5	35	Dunklin
2361	1.4	36	Franklin
377	0.2	37	Gasconade
94	0.1	38	Gentry
6870	4.1	39	Greene
271	0.2	40	Grundy
136	0.1	41	Harrison
619	0.4	42	Henry
116	0.1	43	Hickory
143	0.1	44	Holt
159	0.1	45	Howard
860	0.5	46	Howell
242	0.1	47	Iron
35470	20.9	48	Jackson
3338	2.0	49	Jasper
3969	2.3	50	Jefferson
1289	0.8	51	Johnson
70	0.0	52	Knox
845	0.5	53	Laclede
908	0.5	54	Lafayette
640	0.4	55	Lawrence
194	0.1	56	Lewis
506	0.3	57	Lincoln
351	0.2	58	Linn
453	0.3	59	Livingston
351	0.2	60	McDonald
455	0.3	61	Macon
282	0.2	62	Madison
172	0.1	63	Maries
1123	0.7	64	Marion
69	0.0	65	Mercer
574	0.3	66	Miller
340	0.2	67	Mississippi
240	0.1	68	Moniteau
188	0.1	69	Monroe
289	0.2	70	Montgomery
379	0.2	71	Morgan
398	0.2	72	New Madrid
1341	0.8	73	Newton
540	0.3	74	Nodaway
134	0.1	75	Oregon
192	0.1	76	Osage
101	0.1	77	Ozark
550	0.3	78	Pemiscot

Variable 30:COUNTY (Continued)

1989 Prcnt	Code	Value and Description
467	0.3	79 Perry
1250	0.7	80 Pettis
1205	0.7	81 Phelps
351	0.2	82 Pike
1892	1.1	83 Platte
486	0.3	84 Polk
709	0.4	85 Pulaski
96	0.1	86 Putnam
207	0.1	87 Ralls
788	0.5	88 Randolph
561	0.3	89 Ray
119	0.1	90 Reynolds
181	0.1	91 Ripley
6001	3.5	92 Saint Charles
240	0.1	93 Saint Clair
1259	0.7	94 Saint Francois
27321	16.1	95 Saint Louis
275	0.2	97 Sainte Genevieve
624	0.4	98 Saline
74	0.0	99 Schuyler
63	0.0	100 Scotland
1108	0.7	101 Scott
77	0.0	102 Shannon
105	0.1	103 Shelby
604	0.4	104 Stoddard
434	0.3	105 Stone
129	0.1	106 Sullivan
788	0.5	107 Taney
340	0.2	108 Texas
594	0.4	109 Vernon
451	0.3	110 Warren
408	0.2	111 Washington
262	0.2	112 Wayne
385	0.2	113 Webster
33	0.0	114 Worth
238	0.1	115 Wright
19716	11.6	116 Saint Louis City
0	0.0	999 Unknown

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Variable 31	MUNICIPALITY	Width: 4	Type: Numeric
		Dec: None	Miss: None

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CITY IN WHICH ACCIDENT OCCURRED

1989 Prcnt	Code	Value and Description
22	0.0	10 Adrian
28	0.0	15 Advance
26	0.0	20 Albany
21	0.0	30 Anderson



Variable 31:MUNICIPALITY (Continued)

1989	Prcnt	Code	Value and Description
11	0.0	40	Appleton City
632	0.4	55	Arnold
11	0.0	57	Ash Grove
20	0.0	58	Ashland
129	0.1	60	Aurora
72	0.0	70	Ava
424	0.3	80	Ballwin
10	0.0	85	Battlefield
20	0.0	100	Belle
209	0.1	110	Bellefontaine Neighbors
32	0.0	120	Bel Nor
159	0.1	130	Bel Ridge
497	0.3	140	Belton
616	0.4	150	Berkeley
19	0.0	160	Bernie
46	0.0	170	Bethany
6	0.0	180	Bismarck
29	0.0	190	Black Jack
23	0.0	200	Bloomfield
1154	0.7	210	Blue Springs
213	0.1	230	Bolivar
79	0.0	240	Bonne Terre
206	0.1	250	Boonville
3	0.0	255	Bourbon
70	0.0	260	Bowling Green
283	0.2	270	Branson
188	0.1	280	Breckenridge Hills
273	0.2	290	Brentwood
1380	0.8	300	Bridgeton
152	0.1	310	Brookfield
9	0.0	320	Brunswick
30	0.0	330	Buckner
74	0.0	340	Buffalo
86	0.1	350	Butler
52	0.0	360	Cabool
97	0.1	370	California
33	0.0	380	Calverton Park
123	0.1	390	Camdenton
112	0.1	400	Cameron
31	0.0	410	Campbell
34	0.0	420	Canton
1768	1.0	430	Cape Girardeau
25	0.0	440	Carl Junction
91	0.1	450	Carrollton
3	0.0	460	Carterville
288	0.2	470	Carthage
156	0.1	480	Caruthersville
92	0.1	490	Cassville
72	0.0	500	Centralia
62	0.0	510	Chaffee
27	0.0	520	Charlack
115	0.1	530	Charleston

## Variable 31:MUNICIPALITY (Continued)

1989	Prcnt	Code	Value and Description
905	0.5	535	Chesterfield
296	0.2	540	Chillicothe
4	0.0	550	Clarence
21	0.0	555	Clarkson Valley
16	0.0	560	Clarkton
98	0.1	570	Claycomo
684	0.4	580	Clayton
320	0.2	590	Clinton
15	0.0	600	Cole Camp
3162	1.9	610	Columbia
46	0.0	620	Concordia
121	0.1	630	Cool Valley
73	0.0	640	Country Club Hills
20	0.0	645	Country Club Village
30	0.0	650	Crane
220	0.1	660	Crestwood
945	0.6	670	Creve Coeur
206	0.1	680	Crystal City
52	0.0	690	Cuba
96	0.1	700	Dellwood
100	0.1	710	Desloge
128	0.1	720	Desoto
353	0.2	730	Des Peres
185	0.1	740	Dexter
50	0.0	750	Dixon
40	0.0	760	Doniphan
31	0.0	765	Duquesne
60	0.0	770	East Prairie
8	0.0	780	Edina
83	0.0	790	Edmundson
136	0.1	800	Eldon
79	0.0	810	El Dorado Springs
2	0.0	820	Ellington
231	0.1	830	Ellisville
28	0.0	840	Elsberry
9	0.0	850	Elvins
13	0.0	860	Esther
214	0.1	870	Eureka
360	0.2	880	Excelsior Spring
341	0.2	890	Farmington
14	0.0	900	Fayette
298	0.2	910	Fenton
656	0.4	920	Ferguson
303	0.2	930	Festus
229	0.1	940	Flat River
1466	0.9	950	Florissant
28	0.0	955	Forsyth
87	0.1	960	Fredericktown
264	0.2	970	Frontenac
314	0.2	980	Fulton
5	0.0	990	Gallatin
9	0.0	995	Garden City

Variable 31:MUNICIPALITY (Continued)

1989	Prcnt	Code	Value and Description
1	0.0	1000	Gideon
674	0.4	1010	Gladstone
24	0.0	1020	Glasgow
62	0.0	1030	Glendale
16	0.0	1035	Goodman
0	0.0	1037	Gower
61	0.0	1038	Grain Valley
12	0.0	1040	Granby
628	0.4	1050	Grandview
9	0.0	1060	Grant City
3	0.0	1065	Grantwood Village
21	0.0	1070	Greenfield
15	0.0	1072	Greenwood
18	0.0	1080	Hamilton
4	0.0	1090	Hanley Hills
867	0.5	1100	Hannibal
231	0.1	1110	Harrisonville
127	0.1	1120	Hayti
0	0.0	1125	Hayti Heights
756	0.4	1130	Hazelwood
68	0.0	1135	Herculaneum
89	0.1	1140	Hermann
110	0.1	1150	Higginsville
61	0.0	1155	Hillsboro
59	0.0	1160	Hillsdale
22	0.0	1170	Holden
76	0.0	1173	Hollister
26	0.0	1175	Holt Summit
49	0.0	1180	Houston
1	0.0	1190	Huntsville
0	0.0	1200	Illmo
4199	2.5	1210	Independence
63	0.0	1220	Ironton
322	0.2	1230	Jackson
7	0.0	1232	Jasper
2040	1.2	1240	Jefferson City
377	0.2	1250	Jennings
2244	1.3	1260	Joplin
9	0.0	1270	Kahoka
30490	18.0	1280	Kansas City
59	0.0	1285	Kearney
364	0.2	1290	Kennett
17	0.0	1295	Kimberling City
8	0.0	1300	King City
0	0.0	1310	Kinloch
548	0.3	1320	Kirksville
800	0.5	1330	Kirkwood
48	0.0	1340	Knob Noster
403	0.2	1350	Ladue
10	0.0	1360	La Grange
22	0.0	1370	Lake Lotawana
170	0.1	1375	Lake Saint Louis

## Variable 31:MUNICIPALITY (Continued)

1989	Prcnt	Code	Value and Description
0	0.0	1380	Lakeshire
0	0.0	1390	Lake Waukomis
61	0.0	1400	Lamar
5	0.0	1405	La Monte
17	0.0	1410	La Plata
19	0.0	1420	Lathrop
49	0.0	1430	Lawson
6	0.0	1440	Leadwood
511	0.3	1450	Lebanon
1021	0.6	1460	Lee's Summit
158	0.1	1470	Lexington
762	0.4	1480	Liberty
29	0.0	1490	Licking
4	0.0	1500	Lilbourn
4	0.0	1510	Linn
117	0.1	1520	Louisiana
179	0.1	1540	Macon
128	0.1	1550	Malden
205	0.1	1560	Manchester
26	0.0	1570	Mansfield
288	0.2	1580	Maplewood
50	0.0	1590	Marceline
25	0.0	1600	Marionville
143	0.1	1610	Marlborough
325	0.2	1620	Marshall
94	0.1	1630	Marshfield
1240	0.7	1635	Maryland Heights
327	0.2	1640	Maryville
16	0.0	1650	Maysville
30	0.0	1660	Memphis
273	0.2	1670	Mexico
36	0.0	1680	Milan
41	0.0	1685	Miner
557	0.3	1690	Moberly
66	0.0	1700	Moline Acres
237	0.1	1710	Monett
62	0.0	1720	Monroe City
45	0.0	1730	Montgomery City
9	0.0	1740	Morehouse
4	0.0	1750	Mound City
108	0.1	1760	Mountain Grove
72	0.0	1770	Mountain View
84	0.0	1780	Mount Vernon
437	0.3	1790	Neosho
341	0.2	1800	Nevada
11	0.0	1810	New Franklin
37	0.0	1820	New Haven
4	0.0	1825	New London
4	0.0	1830	New Madrid
53	0.0	1840	Nixa
18	0.0	1845	Noel
146	0.1	1850	Normandy

Variable 31:MUNICIPALITY (Continued)

1989	Prcnt	Code	Value and Description
682	0.4	1860	North Kansas City
95	0.1	1870	Northwoods
121	0.1	1880	Oak Grove
3	0.0	1890	Oakland
74	0.0	1900	Odessa
716	0.4	1910	O'Fallon
189	0.1	1920	Olivette
7	0.0	1930	Oran
285	0.2	1940	Osage Beach
609	0.4	1950	Overland
76	0.0	1960	Owensville
101	0.1	1970	Ozark
109	0.1	1980	Pacific
169	0.1	1990	Pagedale
72	0.0	2000	Palmyra
14	0.0	2010	Paris
119	0.1	2020	Parkville
10	0.0	2030	Parma
1	0.0	2040	Pasadena Hills
37	0.0	2045	Peculiar
271	0.2	2050	Perryville
117	0.1	2055	Pevely
54	0.0	2060	Piedmont
7	0.0	2070	Pierce City
219	0.1	2080	Pine Lawn
51	0.0	2090	Platte City
16	0.0	2100	Plattsburg
93	0.1	2110	Pleasant Hill
116	0.1	2120	Pleasant Valley
1024	0.6	2130	Poplar Bluff
54	0.0	2140	Portageville
148	0.1	2150	Potosi
19	0.0	2160	Princeton
71	0.0	2165	Raymore
865	0.5	2170	Raytown
81	0.0	2180	Republic
15	0.0	2190	Rich Hill
12	0.0	2200	Richland
176	0.1	2210	Richmond
874	0.5	2220	Richmond Heights
116	0.1	2230	Riverside
33	0.0	2240	Riverview Village
130	0.1	2250	Rock Hill
19	0.0	2260	Rockport
628	0.4	2270	Rolla
413	0.2	2280	Saint Ann
2337	1.4	2290	Saint Charles
130	0.1	2300	Saint Clair
85	0.1	2310	Sainte Genevieve
12	0.0	2320	Saint George
79	0.0	2330	Saint James
185	0.1	2340	Saint John

## Variable 31:MUNICIPALITY (Continued)

1989	Prcnt	Code	Value and Description
2937	1.7	2350	Saint Joseph
19716	11.6	2360	Saint Louis
1262	0.7	2365	Saint Peters
179	0.1	2370	Saint Roberts
110	0.1	2380	Salem
53	0.0	2390	Salisbury
16	0.0	2400	Sarcoxie
62	0.0	2410	Savannah
87	0.1	2420	Scott City
910	0.5	2430	Sedalia
2	0.0	2440	Senath
35	0.0	2450	Seneca
18	0.0	2460	Seymour
29	0.0	2470	Shelbina
146	0.1	2480	Shrewsbury
618	0.4	2490	Sikeston
28	0.0	2500	Slater
88	0.1	2510	Smithville
5711	3.4	2520	Springfield
22	0.0	2530	Stanberry
32	0.0	2540	Steele
10	0.0	2550	Steelville
17	0.0	2560	Stockton
12	0.0	2565	Stover
27	0.0	2566	Strafford
103	0.1	2570	Sugar Creek
167	0.1	2580	Sullivan
454	0.3	2590	Sunset Hills
24	0.0	2600	Sweet Springs
2	0.0	2610	Tarkio
42	0.0	2620	Thayer
12	0.0	2640	Tipton
769	0.5	2650	Town And Country
192	0.1	2660	Trenton
118	0.1	2670	Troy
250	0.1	2680	Union
32	0.0	2690	Unionville
804	0.5	2700	University City
129	0.1	2710	Valley Park
45	0.0	2720	Vandalia
34	0.0	2730	Velda Village
13	0.0	2740	Velda Village Hills
85	0.1	2750	Versailles
49	0.0	2760	Vinita Park
556	0.3	2770	Warrensburg
149	0.1	2780	Warrenton
42	0.0	2790	Warsaw
3	0.0	2800	Warson Woods
481	0.3	2810	Washington
62	0.0	2820	Waynesville
4	0.0	2825	Weatherby Lake
184	0.1	2830	Webb City

Variable 31: MUNICIPALITY (Continued)

1989 Prcnt	Code	Value and Description
615	0.4	2840 Webster Groves
121	0.1	2850 Wellston
18	0.0	2860 Wellsville
218	0.1	2870 Wentzville
43	0.0	2880 Weston
391	0.2	2890 West Plains
30	0.0	2900 Willard
48	0.0	2910 Willow Springs
41	0.0	2920 Winchester
55	0.0	2930 Windsor
14	0.0	2935 Winona
98	0.1	2940 Woodson Terrace
45	0.0	2945 Wright City
40120	23.7	9999 Not a city or unincorporated

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Variable 32	POPULATION	Width: 2	Type: Numeric
		Dec: None	Miss: None

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SIZE OF POLITICAL SUBDIVISION IN WHICH ACCIDENT OCCURRED

1989 Prcnt	Code	Value and Description
50206	29.6	4 350,000 - 499,999
9910	5.9	6 100,000 - 199,999
7565	4.5	7 50,000 - 99,999
15178	9.0	8 25,000 - 49,999
21153	12.5	9 10,000 - 24,999
11962	7.1	10 5,000 - 9,999
8040	4.7	11 2,500 - 4,999
5265	3.1	12 1,000 - 2,499
40120	23.7	99 Under 1,000 or in unincorporated area

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Variable 33	AREA CLASS	Width: 1	Type: Numeric
		Dec: None	Miss: None

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1989 Prcnt	Code	Value and Description
115974	68.5	1 Urban (Population > 4,999)
53425	31.5	2 Rural (Population < 5,000)

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Variable 34	HIGHWAY CLASS	Width: 2	Type: Numeric
		Dec: None	Miss: None

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Classification of highway on which accident occurred

1989 Prcnt	Code	Value and Description
17529 10.3	1	Interstate
18724 11.1	2	U.S. Highway
194 0.1	3	U.S. Alternate or Bypass
25050 14.8	4	State numbered route
4 0.0	5	State numbered alternate or bypass
1860 1.1	6	U.S. business route, spur, city route, or loop
267 0.2	7	State business route, spur, city route, or loop
7972 4.7	8	Single state lettered
3599 2.1	9	Double state lettered
1745 1.0	10	Outer road
9734 5.7	11	County road
80174 47.3	12	City street
1161 0.7	13	Interstate loop
1386 0.8	14	Other

---

Variable 35	ACC LOCATION - HIGHWAY	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

---



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Variable 36	SPEED LIMIT ON STRT/HWY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

1989 Prcnt	Code	Value and Description
1144 0.7	15	15 mph
4014 2.4	20	20 mph
26236 15.5	25	25 mph
20299 12.0	30	30 mph
34879 20.6	35	35 mph
11931 7.0	40	40 mph
9037 5.3	45	45 mph
868 0.5	50	50 mph
36135 21.3	55	55 mph
66 0.0	60	60 mph
3039 1.8	65	65 mph
21751 12.8	99	Unknown

---

Variable 37	SPEED LIMIT AT STRT/HWY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

1989 Prcnt	Code	Value and Description
1008 0.6	15	15 mph
6459 3.8	20	20 mph



Variable 37:SPEED LIMIT AT STRT/HWY (Continued)

1989 Prcnt	Code	Value and Description
40530	23.9	25 25 mph
20824	12.3	30 30 mph
21368	12.6	35 35 mph
5097	3.0	40 40 mph
3621	2.1	45 45 mph
319	0.2	50 50 mph
10012	5.9	55 55 mph
5	0.0	60 60 mph
455	0.3	65 65 mph
59701	35.2	99 Unknown or not at intersection

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Variable 38	LOG POINT	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

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Variable 39	LIGHT CONDITIONS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1989 Prcnt	Code	Value and Description
117456	69.3	1 Daylight
30133	17.8	2 Dark - street lights on
1442	0.9	3 Dark - street lights off
18968	11.2	4 Dark - no street lights
1400	0.8	9 Unknown

---

Variable 40	ROAD SURFACE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1989 Prcnt	Code	Value and Description
23773	14.0	1 Concrete
125873	74.3	2 Asphalt
317	0.2	3 Brick
3635	2.1	4 Gravel
298	0.2	5 Dirt or sand
1265	0.7	6 Multiple surface
14238	8.4	9 Unknown

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Variable 41	ROAD CONDITIONS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

	1989 Prcnt	Code	Value and Description
126571	74.7	1	Dry
30442	18.0	2	Wet
4759	2.8	3	Snow
6290	3.7	4	Ice
114	0.1	5	Mud
1223	0.7	9	Unknown

---

Variable 42	WEATHER CONDITIONS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

	1989 Prcnt	Code	Value and Description
93271	55.1	1	Clear
38257	22.6	2	Cloudy
15552	9.2	3	Rain
3594	2.1	4	Snow
687	0.4	5	Sleet
1908	1.1	6	Freezing
1950	1.2	7	Fog or mist
14180	8.4	9	Unknown

---

Variable 43	ROADWAY ALIGNMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

	1989 Prcnt	Code	Value and Description
134540	79.4	1	Straight
20257	12.0	2	Curve
14602	8.6	9	Unknown

---

Variable 44	ROADWAY PROFILE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

	1989 Prcnt	Code	Value and Description
109533	64.7	1	Level
38413	22.7	2	Hill
4666	2.8	3	Crest
16787	9.9	9	Unknown

Variable 45	ACCIDENT TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: None

ACCIDENT CLASSIFICATION/MOTOR VEHICLE COLLIDED WITH

1989 Prcnt	Code	Value and Description
4237 2.5	1	Animal
1171 0.7	2	Bicyclist or pedalcyclist
27303 16.1	3	Fixed object
902 0.5	4	Other object
2056 1.2	5	Pedestrian
140 0.1	6	Train
111441 65.8	7	Motor vehicle in transport
262 0.2	8	Motor vehicle on other roadway
15986 9.4	9	Parked motor vehicle
4236 2.5	10	Non-collision - overturn
1665 1.0	11	Non-collision - other

Variable 46	ON OFF ROADWAY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1989 Prcnt	Code	Value and Description
138326 81.7	1	On roadway
31050 18.3	2	Off roadway
23 0.0	9	Unknown

Variable 47	INTERSECTION QUADRANT	Width: 1	Type: Numeric
		Dec: None	Miss: None

1989 Prcnt	Code	Value and Description
7690 4.5	1	Quadrant 1
7699 4.5	2	Quadrant 2
7390 4.4	3	Quadrant 3
7556 4.5	4	Quadrant 4
496 0.3	5	Exact middle
5121 3.0	6	At intersection - quadrant unknown
133447 78.8	7	Not an intersection accident

Variable 48	AT INTERSECTION	Width: 1	Type: Numeric
		Dec: None	Miss: None

Did this accident occur at an intersection?

1989 Prcnt	Code	Value and Description
35952 21.2	1	Yes
133447 78.8	2	No

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Variable 49	DIRECTIONAL ANALYSIS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## \*\*\* At an intersection

1989	Prcnt	Code	Value and Description
23196	13.7	0	Entering from an angle
848	0.5	1	Going same direction - both straight
2681	1.6	2	Going same direction - one turning
585	0.3	3	Going same direction - one stopped
171	0.1	4	Going same direction - all others
215	0.1	5	Going opposite direction - both straight
7728	4.6	6	Going opposite direction - one turning left
201	0.1	7	Going opposite direction - all others

## \*\*\* Not at an intersection

27466	16.2	10	Going same direction - both moving
6735	4.0	11	Going opposite direction - both moving
13353	7.9	12	One car parked
23325	13.8	13	One car stopped in traffic
464	0.3	14	One car entering parked position
2757	1.6	15	One car leaving parked position
5652	3.3	16	One car entering driveway
9140	5.4	17	One car leaving driveway
3115	1.8	18	All others

## \*\*\* Initial fixed object struck

2682	1.6	20	Tree
2967	1.8	21	Embankment
1777	1.0	22	Guardrail
2212	1.3	23	Utility pole
2300	1.4	24	Fence
1208	0.7	25	Street light support
3014	1.8	26	Culvert / ditch
2496	1.5	27	Highway / traffic sign post or overhead sign support
820	0.5	28	Bridge pier or abutment
1663	1.0	29	Curb or wall
1038	0.6	30	Mailbox
1006	0.6	31	Concrete traffic barrier
563	0.3	32	Building
522	0.3	33	Traffic signal support
60	0.0	34	Impact attenuator
511	0.3	35	Fire hydrant
2243	1.3	36	Other fixed object
14407	8.5	98	Not a two-vehicle or fixed-object accident
278	0.2	99	Two-vehicle accident / fixed-object direction unknown

Variable 50	TWO VEHICLE ANALYSIS	Width: 2	Type: Numeric
		Dec: None	Miss: None

ANALYSIS OF TWO-VEHICLE COLLISIONS

1989 Prcnt	Code	Value and Description
8441 5.0	60	Head on
44745 26.4	61	Rear end
3938 2.3	62	Sideswipe - meeting
13605 8.0	63	Sideswipe - passing
43807 25.9	64	Angle
8284 4.9	65	Backed into
2022 1.2	66	Not stated
2847 1.7	67	Other
41710 24.6	99	Not a two-vehicle accident

Variable 51	HP - REP OFFICER'S ZONE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1989 Prcnt	Code	Value and Description
137647 81.3	0	Not a Highway Patrol Accident
2774 1.6	1	- Reporting Officer's Zone
662 0.4	16	
173 0.1	91	Specialist
46 0.0	92	GHQ Assigned
8 0.0	98	MVI
0 0.0	99	Unknown

Variable 52	HP - REP OFFICER'S TROOP	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1989 Prcnt	Code	Value and Description
137647 81.3	0	Not a Highway Patrol Accident
4821 2.8	1	Troop A
1984 1.2	2	Troop B
6531 3.9	3	Troop C
6299 3.7	4	Troop D
3342 2.0	5	Troop E
3703 2.2	6	Troop F
1181 0.7	7	Troop G
1852 1.1	8	Troop H
1993 1.2	9	Troop I
46 0.0	15	GHQ
0 0.0	99	Unknown

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Variable 53	<u>REPORTING OFFICER'S DSN</u>	Width: 5	Type: Alphabetic
		Dec: None	Miss: None

---

Variable 54	<u>REP OFFICER'S BEAT/ZONE</u>	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

---

Variable 55	<u>REPORT OFFICER'S TROOP</u>	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

---

Variable 56	<u>REVIEWING OFFICER'S DSN</u>	Width: 5	Type: Alphabetic
		Dec: None	Miss: None

---

Variable 57	<u>SPEED RELATED ACCIDENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1989 Prcnt	Code Value and Description		
28377 16.8	1	Yes	
129557 76.5	2	No	
11465 6.8	9	Unknown	

---

Variable 58	<u>DRINK DRIVER RELATED ACC</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1989 Prcnt	Code Value and Description		
10254 6.1	1	Yes	
147377 87.0	2	No	
11768 6.9	9	Unknown	

---

Variable 59	<u>DRUG DRIVER RELATED ACC</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1989 Prcnt	Code Value and Description		
408 0.2	1	Yes	
157055 92.7	2	No	
11936 7.0	9	Unknown	

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---

Variable 60	VEHICLE DEFECT ACCIDENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1989 Prcnt	Code Value and Description	
5455 3.2	1	Yes
150662 88.9	2	No
13282 7.8	9	Unknown

---

Variable 61	DRIVER EJECTION ACCIDENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1989 Prcnt	Code Value and Description	
2224 1.3	1	Yes
141455 83.5	2	No
25720 15.2	9	Unknown

---

Variable 62	DRIVER UNDER 21 INVOLVED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1989 Prcnt	Code Value and Description	
45945 27.1	1	Yes
100448 59.3	2	No
23006 13.6	9	Unknown

---

Variable 63	DRIVER UNDER 25 INVOLVED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1989 Prcnt	Code Value and Description	
72033 42.5	1	Yes
76276 45.0	2	No
21090 12.4	9	Unknown

---

Variable 64	SCHOOL BUS INVOLVED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1989 Prcnt	Code Value and Description	
1284 0.8	1	Yes
162345 95.8	2	No
5770 3.4	9	Unknown

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1989 - Accident

---

Variable 65	TRUCK INVOLVED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1989 Prcnt	Code Value and Description
56632 33.4	1 Yes
107728 63.6	2 No
5039 3.0	9 Unknown

---

Variable 66	TRUCK GVW>26k LBS INVOL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1989 Prcnt	Code Value and Description
7242 4.3	1 Yes
139385 82.3	2 No
22772 13.4	9 Unknown

---

Variable 67	MOTORCYCLE INVOLVED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1989 Prcnt	Code Value and Description
1695 1.0	1 Yes
161945 95.6	2 No
5759 3.4	9 Unknown

---

Variable 68	HAZ MATERIAL INVOLVED	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

Hazardous material involved

1989 Prcnt	Code Value and Description
32 0.0	1 Yes - materials spilled or released
206 0.1	2 Yes - materials not spilled or released
169161 99.9	3 No

---

Variable 69	ELECTRIC SIGNAL INVOLVED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1989 Prcnt	Code Value and Description
25486 15.0	1 Yes
134407 79.3	2 No
9506 5.6	9 Unknown



Variable 70	EMERGENCY VEH INVOLVED	Width: 1	Type: Numeric
		Dec: None	Miss: None

Were emergency vehicles involved in the accident?

1989	Prcnt	Code	Value and Description
689	0.4	1	Yes - none were on emergency runs
189	0.1	2	Yes - at least one was on an emergency run
168521	99.5	3	No

Variable 71	STOP SIGN INVOLVED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1989	Prcnt	Code	Value and Description
20973	12.4	1	Yes
138881	82.0	2	No
9545	5.6	9	Unknown

Variable 72	YIELD SIGN INVOLVED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1989	Prcnt	Code	Value and Description
2880	1.7	1	Yes
156939	92.6	2	No
9580	5.7	9	Unknown



The VEHICLE/DRIVER Variables

Variables 101 through 140 describe the vehicles and vehicle drivers involved in the accident. They are included in the Vehicle and Person data sets. The Vehicle data set contains these variables, along with the accident variables on a vehicle level.

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

	1989 Prcnt	Code	Value and Description
169399	54.0	1	Vehicle number 1
130316	41.6	2	Vehicle number 2
11364	3.6	3	Vehicle number 3
1834	0.6	4	Vehicle number 4
372	0.1	5	Vehicle number 5
		-	
1	0.0	30	Vehicle number 30

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

Variable 103	VEHICLE YEAR	Width: 2	Type: Numeric
		Dec: None	Miss: 99

VEHICLE MODEL YEAR

	1989 Prcnt	Code	Value and Description
2	0.0	7	1907
		-	
13447	4.3	81	1981
13106	4.2	82	1982
14684	4.7	83	1983
21108	6.7	84	1984
23143	7.4	85	1985
23884	7.6	86	1986
23664	7.5	87	1987
27907	8.9	88	1988
17922	5.7	89	1989
863	0.3	90	1990
39550	12.6	99	Unknown, bicycle, farm equipment, construction equipment, or other transportation device

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1989 - Vehicle/Driver

Variable 104	VEHICLE BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1989 Prcnt	Code	Value and Description
208810	66.6	1 Automobile - hard top
1979	0.6	2 Automobile - convertible
13461	4.3	3 Station wagon
13040	4.2	4 Van
1412	0.5	5 Bus
1318	0.4	6 School bus
1704	0.5	7 Motorcycle
38	0.0	8 Moped
1180	0.4	9 Bicycle
278	0.1	10 Self-propelled motor home or camper
241	0.1	11 Farm implements
200	0.1	12 Construction equipment
386	0.1	13 Other transport devices
33092	10.6	14 Single-unit truck - to 12000 GVW
2619	0.8	15 Single-unit truck - 12001 to 26000 GVW
1432	0.5	16 Single-unit truck - 26001 to 54000 GVW
666	0.2	17 Single-unit truck - over 54000 GVW
17862	5.7	18 Single-unit truck - GVW unknown
552	0.2	19 Two-unit truck - to 12000 GVW
494	0.2	20 Two-unit truck - 12001 to 26000 GVW
760	0.2	21 Two-unit truck - 26001 to 54000 GVW
4402	1.4	22 Two-unit truck - over 54000 GVW
1239	0.4	23 Two-unit truck - GVW unknown
6	0.0	24 Multi-unit truck - to 12000 GVW
12	0.0	25 Multi-unit truck - 12001 to 26000 GVW
17	0.0	26 Multi-unit truck - 26001 to 54000 GVW
247	0.1	27 Multi-unit truck - over 54000 GVW
43	0.0	28 Multi-unit truck - GVW unknown
25	0.0	29 Motorcycle - 3 wheel
0	0.0	30 Motorcycle - 4 wheel
55	0.0	31 All terrain vehicle
5907	1.9	99 Unknown

Variable 105	VEHICLE COLOR #1	Width: 3	Type: Alphabetic
		Dec: None	Miss: None

Variable 106	VEHICLE COLOR #2	Width: 3	Type: Alphabetic
		Dec: None	Miss: None

STATE OF MISSOURI  
1989 - Vehicle/Driver

Variable 107	VEHICLE LICENSE STATE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

STATE OF REGISTRATION FOR VEHICLE

1989	Prcnt	Code	Value and Description
200	0.1	1	Alabama
51	0.0	2	Alaska
139	0.0	3	Arizona
1323	0.4	4	Arkansas
603	0.2	5	California
295	0.1	6	Colorado
22	0.0	7	Connecticut
14	0.0	8	Delaware
5	0.0	9	District of Columbia
513	0.2	10	Florida
248	0.1	11	Georgia
6	0.0	12	Hawaii
37	0.0	13	Idaho
7572	2.4	14	Illinois
534	0.2	15	Indiana
1401	0.4	16	Iowa
10490	3.3	17	Kansas
275	0.1	18	Kentucky
210	0.1	19	Louisiana
7	0.0	20	Maine
14	0.0	21	Maryland
37	0.0	22	Massachusetts
354	0.1	23	Michigan
250	0.1	24	Minnesota
144	0.0	25	Mississippi
257736	82.2	26	Missouri
30	0.0	27	Montana
675	0.2	28	Nebraska
69	0.0	29	Nevada
24	0.0	30	New Hampshire
103	0.0	31	New Jersey
71	0.0	32	New Mexico
130	0.0	33	New York
193	0.1	34	North Carolina
29	0.0	35	North Dakota
380	0.1	36	Ohio
1141	0.4	37	Oklahoma
98	0.0	38	Oregon
144	0.0	39	Pennsylvania
4	0.0	40	Rhode Island
55	0.0	41	South Carolina
122	0.0	42	South Dakota
587	0.2	43	Tennessee
1106	0.4	44	Texas
58	0.0	45	Utah
14	0.0	46	Vermont
127	0.0	47	Virginia
66	0.0	48	Washington
10	0.0	49	West Virginia

STATE OF MISSOURI  
1989 - Vehicle/Driver

## Variable 107:VEHICLE LICENSE STATE (Continued)

1989 Prcnt	Code	Value and Description
254	0.1	50 Wisconsin
42	0.0	51 Wyoming
25465	8.1	99 Other or unknown

---

Variable 108	TOWED VEHICLE	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

Did the vehicle need to be towed?

1989 Prcnt	Code	Value and Description
60361	19.3	1 Yes
253116	80.7	2 No

---

Variable 109	INITIAL VEH DAMAGE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

1989 Prcnt	Code	Value and Description
63349	20.2	1 Front center
43292	13.8	2 Front right
10634	3.4	3 Right side front
9159	2.9	4 Right side front center
6331	2.0	5 Right side rear center
8101	2.6	6 Right side rear
13188	4.2	7 Rear right
35565	11.3	8 Rear center
14021	4.5	9 Rear left
9132	2.9	10 Left side rear
7318	2.3	11 Left side rear center
11000	3.5	12 Left side front center
13034	4.2	13 Left side front
44485	14.2	14 Front left
546	0.2	15 Hood
583	0.2	16 Top
158	0.1	17 Trunk
2519	0.8	18 Undercarriage
556	0.2	19 Windshield
340	0.1	20 Burned
888	0.3	21 Injury / no damage
1820	0.6	22 Towed unit
17458	5.6	99 Unknown

---

Variable 110      INITIAL IMPACT INDICATOR      Width: 1      Type: Numeric  
Dec:    None      Miss: 3

Was this vehicle involved in the first harmful event?

1989	Prcnt	Code	Value and Description
298604	95.3	1	Yes
14857	4.7	2	No
16	0.0	3	Unknown

---

Variable 111      HAZ MATERIAL INVOLVED      Width: 1      Type: Numeric  
Dec:    None      Miss: None

Hazardous material involved

1989	Prcnt	Code	Value and Description
87	0.0	1	Gases in bulk
37	0.0	2	Solids in bulk
104	0.0	3	Liquids in bulk
12	0.0	4	Explosives
313237	99.9	5	Not carrying hazardous materials

---

Variable 112      HAZ MATERIAL RELEASE      Width: 1      Type: Numeric  
Dec:    None      Miss: None

Were hazardous materials released or spilled?

1989	Prcnt	Code	Value and Description
32	0.0	1	Yes
313445	100.0	2	No or unknown

---

Variable 113      VEH PULLING ANOTHER UNIT      Width: 1      Type: Numeric  
Dec:    None      Miss: None

1989	Prcnt	Code	Value and Description
1049	0.3	1	Yes
312428	99.7	2	No or unknown

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Variable 114	EMERGENCY VEH INVOLVED	Width: 1	Type: Numeric
		Dec: None	Miss: None

1989 Prcnt	Code Value and Description
742 0.2	1 Police
67 0.0	2 Fire
78 0.0	3 Ambulance
6 0.0	4 Other emergency vehicle on an emergency run
312584 99.7	5 Not an emergency vehicle

Variable 115	EMER VEH ON EMER RUN	Width: 1	Type: Numeric
		Dec: None	Miss: None

Was the involved emergency vehicle on an emergency run?

1989 Prcnt	Code Value and Description
194 0.1	1 Yes
313283 99.9	2 No or not an emergency vehicle

Variable 116	DVR PROB CONTR CIRC #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Driver probable contributing circumstance #1

1989 Prcnt	Code Value and Description
5894 1.9	1 Speed - exceeding limit
23576 7.5	2 Speed - too fast for conditions
3532 1.1	3 Improper passing
7367 2.4	4 Violation - stop sign or signal
4161 1.3	5 Wrong side - not passing
12968 4.1	6 Following too close
741 0.2	7 Improper signal
4539 1.4	8 Improper backing
6148 2.0	9 Improper turn
367 0.1	10 Wrong way on a one-way street
713 0.2	11 Improper start from park
1255 0.4	12 Improperly parked
4765 1.5	13 Vehicle defects
27693 8.8	14 Failure to yield
4772 1.5	15 Drinking
90 0.0	16 Drugs
1206 0.4	17 Physical impairment
48722 15.5	18 Inattention
137184 43.8	19 None
17784 5.7	99 Driver violation unknown



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Variable 117	DVR PROB CONTR CIRC #2	Width: 2	Type: Numeric
		Dec: None	Miss: None

Driver probable contributing circumstance #2

1989	Prcnt	Code	Value and Description
267800	85.4	0	No selection
10	0.0	1	Speed - exceeding limit
1138	0.4	2	Speed - too fast for conditions
456	0.1	3	Improper passing
752	0.2	4	Violation - stop sign or signal
1748	0.6	5	Wrong side - not passing
1727	0.6	6	Following too close
53	0.0	7	Improper signal
89	0.0	8	Improper backing
583	0.2	9	Improper turn
84	0.0	10	Wrong way on a one-way street
95	0.0	11	Improper start from park
47	0.0	12	Improperly parked
693	0.2	13	Vehicle defects
3729	1.2	14	Failure to yield
4326	1.4	15	Drinking
161	0.1	16	Drugs
348	0.1	17	Physical impairment
29638	9.5	18	Inattention

Variable 118	DVR PROB CONTR CIRC #3	Width: 2	Type: Numeric
		Dec: None	Miss: None

Driver probable contributing circumstance #3

1989	Prcnt	Code	Value and Description
305442	97.4	0	No selection
49	0.0	3	Improper passing
61	0.0	4	Violation - stop sign or signal
137	0.0	5	Wrong side - not passing
106	0.0	6	Following too close
11	0.0	7	Improper signal
15	0.0	8	Improper backing
80	0.0	9	Improper turn
10	0.0	10	Wrong way on a one-way street
11	0.0	11	Improper start from park
3	0.0	12	Improperly parked
73	0.0	13	Vehicle defects
385	0.1	14	Failure to yield
1101	0.4	15	Drinking
114	0.0	16	Drugs
101	0.0	17	Physical impairment
5778	1.8	18	Inattention

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Variable 119	DVR PROB CONTR CIRC #4	Width: 2	Type: Numeric
		Dec: None	Miss: None

## Driver probable contributing circumstance #4

1989 Prcnt	Code	Value and Description
312319	99.6	0 No selection
1	0.0	1 Speed - exceeding limit
4	0.0	4 Violation - stop sign or signal
9	0.0	5 Wrong side - not passing
9	0.0	6 Following too close
2	0.0	7 Improper signal
1	0.0	8 Improper backing
14	0.0	9 Improper turn
4	0.0	10 Wrong way on a one-way street
1	0.0	11 Improper start from park
2	0.0	12 Improperly parked
9	0.0	13 Vehicle defects
61	0.0	14 Failure to yield
150	0.0	15 Drinking
31	0.0	16 Drugs
15	0.0	17 Physical impairment
845	0.3	18 Inattention

Variable 120	DVR PROB CONTR CIRC #5	Width: 2	Type: Numeric
		Dec: None	Miss: None

## Driver probable contributing circumstance #5

1989 Prcnt	Code	Value and Description
313298	99.9	0 No selection
2	0.0	5 Wrong side - not passing
1	0.0	6 Following too close
2	0.0	7 Improper signal
3	0.0	9 Improper turn
1	0.0	11 Improper start from park
1	0.0	13 Vehicle defects
8	0.0	14 Failure to yield
17	0.0	15 Drinking
12	0.0	16 Drugs
3	0.0	17 Physical impairment
129	0.0	18 Inattention

Variable 121	VEHICLE ACTION #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1989 Prcnt	Code	Value and Description
166513	53.1	1 Going straight
3725	1.2	2 Overtaking

Variable 121:VEHICLE ACTION #1 (Continued)

1989	Prcnt	Code	Value and Description
13724	4.4	3	Making right turn
847	0.3	4	Making right turn on red
33083	10.6	5	Making left turn
1014	0.3	6	Making U turn
6240	2.0	7	Skidding / sliding
12320	3.9	8	Slowing or stopping
3326	1.1	9	Starting in traffic
2527	0.8	10	Starting from parked
8347	2.7	11	Backing
25186	8.0	12	Stopped in traffic
19450	6.2	13	Parked
6206	2.0	14	Changing lanes
3607	1.2	15	Avoiding
195	0.1	16	Cross over median
1707	0.5	17	Cross over center line
5460	1.7	99	Vehicle action unknown

---

Variable 122	VEHICLE ACTION #2	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

1989	Prcnt	Code	Value and Description
268150	85.5	0	No selection
32	0.0	1	Going straight
2143	0.7	2	Overtaking
267	0.1	3	Making right turn
41	0.0	4	Making right turn on red
511	0.2	5	Making left turn
57	0.0	6	Making U turn
12678	4.0	7	Skidding / sliding
7944	2.5	8	Slowing or stopping
2123	0.7	9	Starting in traffic
420	0.1	10	Starting from parked
905	0.3	11	Backing
5227	1.7	12	Stopped in traffic
149	0.0	13	Parked
2209	0.7	14	Changing lanes
6713	2.1	15	Avoiding
245	0.1	16	Cross over median
3663	1.2	17	Cross over center line

---

Variable 123	VEHICLE ACTION #3	Width: 2	Type: Numeric
		Dec: None	Miss: None

---

1989	Prcnt	Code	Value and Description
305684	97.5	0	No selection
1	0.0	1	Going straight

Variable 123:VEHICLE ACTION #3 (Continued)

1989	Prcnt	Code	Value and Description
2	0.0	3	Making right turn
2	0.0	4	Making right turn on red
8	0.0	5	Making left turn
1	0.0	6	Making U turn
478	0.2	7	Skidding / sliding
1001	0.3	8	Slowing or stopping
55	0.0	9	Starting in traffic
15	0.0	10	Starting from parked
28	0.0	11	Backing
217	0.1	12	Stopped in traffic
46	0.0	13	Parked
391	0.1	14	Changing lanes
3278	1.0	15	Avoiding
106	0.0	16	Cross over median
2164	0.7	17	Cross over center line

---

Variable 124	TRAFFIC CONTROL	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

1989	Prcnt	Code	Value and Description
25815	8.2	1	Stop sign
49738	15.9	2	Electric signal
313	0.1	3	Railroad signal or gate
4271	1.4	4	Yield sign
477	0.2	5	Officer or flagman
8150	2.6	6	No passing zone
470	0.1	7	Turn restrictions
2290	0.7	8	Construction zone
205396	65.5	9	None
16557	5.3	99	Unknown

---

Variable 125	PRE CRASH DIR TRAVEL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

Pre-crash direction of travel

1989	Prcnt	Code	Value and Description
76045	24.3	1	North
75123	24.0	2	South
75430	24.1	3	East
74624	23.8	4	West
12255	3.9	9	Unknown

STATE OF MISSOURI  
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---

Variable 126	<u>DRIVER STATUS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

1989 Prcnt		Code	Value and Description
20286	6.5	0	No driver involved
275733	88.0	1	Known driver operated vehicle
17458	5.6	9	Unknown driver operated vehicle

---

Variable 127	<u>DRIVER SEX</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1989 Prcnt		Code	Value and Description
20286	6.5	0	No driver
161831	51.6	1	Male
100055	31.9	2	Female
31305	10.0	9	Unknown

---

Variable 128	<u>DRIVER EJECTION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1989 Prcnt		Code	Value and Description
20286	6.5	0	No driver
257150	82.0	1	None
660	0.2	2	Partial
2389	0.8	3	Total
32992	10.5	9	Unknown

---

Variable 129	<u>DRIVER SEATBELT USAGE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

1989 Prcnt		Code	Value and Description
20286	6.5	0	No driver
5441	1.7	1	No seat belts
51748	16.5	2	Seat belts not used
178100	56.8	3	Seat belts used
0	0.0	4	Child restraint
57802	18.4	5	Restraint use unknown / Helmet used (motorcycle)
100	0.0	6	Seat belt failure

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Variable	130	DRIVER HELMET USAGE		Width: 1	Type: Numeric
				Dec: None	Miss: 9
1989 Prcnt		Code	Value and Description		
20286	6.5	0	No driver		
1207	0.4	7	Helmet used		
307	0.1	8	Helmet not used		
291677	93.0	9	Helmet use unknown (motorcycle) or other restraint device used		

Variable	131	DRIVER AGE		Width: 2	Type: Numeric
				Dec: None	Miss: 99
1989 Prcnt		Code	Value and Description		
20286	6.5	0	No driver		
5	0.0	1	Less than two years		
7	0.0	2	- Age in years		
57	0.0	97			
53	0.0	98	98 and older		
26704	8.5	99	Unknown		

Variable	132	DRIVER SEAT LOCATION		Width: 2	Type: Numeric
				Dec: None	Miss: 99
1989 Prcnt		Code	Value and Description		
20286	6.5	0	No driver		
260556	83.1	1	Front left		
14	0.0	2	Passenger front center		
92	0.0	3	Passenger front right		
2	0.0	4	Passenger rear left		
0	0.0	5	Passenger rear center		
0	0.0	6	Passenger rear right		
44	0.0	7	Special vehicle		
1180	0.4	8	Bicycle		
31303	10.0	99	Unknown		

Variable	133	DRIVER PERSONAL INJURY		Width: 1	Type: Numeric
				Dec: None	Miss: 9
1989 Prcnt		Code	Value and Description		
20286	6.5	0	No driver		
698	0.2	1	Fatal		
6011	1.9	2	Injury - disabling major		
18471	5.9	3	Injury - evident		
19198	6.1	4	Injury - probable		

Variable 133:DRIVER PERSONAL INJURY (Continued)

	1989 Prcnt	Code	Value and Description
229361	73.2	5	None apparent
19452	6.2	9	Unknown

---

Variable 134	DRIVER LICENSE STATE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

	1989 Prcnt	Code	Value and Description
20286	6.5	0	No driver
173	0.1	1	Alabama
50	0.0	2	Alaska
220	0.1	3	Arizona
1569	0.5	4	Arkansas
773	0.2	5	California
374	0.1	6	Colorado
39	0.0	7	Connecticut
16	0.0	8	Delaware
10	0.0	9	District of Columbia
547	0.2	10	Florida
234	0.1	11	Georgia
16	0.0	12	Hawaii
42	0.0	13	Idaho
6301	2.0	14	Illinois
510	0.2	15	Indiana
1206	0.4	16	Iowa
8325	2.7	17	Kansas
303	0.1	18	Kentucky
256	0.1	19	Louisiana
11	0.0	20	Maine
33	0.0	21	Maryland
77	0.0	22	Massachusetts
380	0.1	23	Michigan
242	0.1	24	Minnesota
193	0.1	25	Mississippi
214636	68.5	26	Missouri
36	0.0	27	Montana
502	0.2	28	Nebraska
51	0.0	29	Nevada
23	0.0	30	New Hampshire
107	0.0	31	New Jersey
94	0.0	32	New Mexico
189	0.1	33	New York
155	0.0	34	North Carolina
34	0.0	35	North Dakota
371	0.1	36	Ohio
1008	0.3	37	Oklahoma
62	0.0	38	Oregon
166	0.1	39	Pennsylvania
8	0.0	40	Rhode Island
84	0.0	41	South Carolina

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Variable 134:DRIVER LICENSE STATE (Continued)

1989 Prcnt	Code	Value and Description
75	0.0	42 South Dakota
471	0.2	43 Tennessee
1334	0.4	44 Texas
58	0.0	45 Utah
7	0.0	46 Vermont
166	0.1	47 Virginia
97	0.0	48 Washington
18	0.0	49 West Virginia
266	0.1	50 Wisconsin
50	0.0	51 Wyoming
51223	16.3	99 Other or unknown

---

Variable 135      DRIVER LICENSE TYPE      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

1989 Prcnt	Code	Value and Description
20286	6.5	0 No driver
1552	0.5	1 Learner's permit
31279	10.0	2 Chauffeur's license
203699	65.0	3 Operator's license
2444	0.8	4 Unlicensed
50	0.0	5 Motorcycle only
54167	17.3	9 Unknown

---

Variable 136      DVR MOTORCYCLE QUALIFIED      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

1989 Prcnt	Code	Value and Description
20286	6.5	0 No driver
1419	0.5	1 Yes
14251	4.5	2 No
209	0.1	3 License information unknown
277312	88.5	9 Not a motorcycle driver

---

Variable 137      DRIVER INSURED      Width: 1      Type: Numeric  
Dec:    None      Miss: None

Did the driver carry insurance?

1989 Prcnt	Code	Value and Description
160685	51.3	1 Yes insured, proof shown / not required
82783	26.4	2 Yes insured, proof not shown
13955	4.5	3 Uninsured



Variable 137:DRIVER INSURED (Continued)

1989 Prcnt	Code	Value and Description
56054	17.9	4 Unknown

---

Variable 138	DRIVER VISION OBSCURED	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

1989 Prcnt	Code	Value and Description
20286	6.5	0 No driver
608	0.2	1 Windshield obscured
629	0.2	2 Load on vehicle
1729	0.6	3 Trees
573	0.2	4 Building
882	0.3	5 Embankment
87	0.0	6 Signboard
3368	1.1	7 Hill crest
3453	1.1	8 Parked cars
7136	2.3	9 Moving cars
6202	2.0	10 Other
233478	74.5	11 Not obscured
35046	11.2	99 Unknown

---

Variable 139	DRIVER INTOXICATION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1989 Prcnt	Code	Value and Description
20286	6.5	0 No driver
10133	3.2	1 Driver drinking
176	0.1	2 Driver using drugs
232	0.1	3 Driver drinking and using drugs
267161	85.2	4 Driver not drinking or using drugs
15489	4.9	9 Unknown

---

Variable 140	VEHICLE STATUS	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

1989 Prcnt	Code	Value and Description
312222	99.6	1 Motorized vehicle
1255	0.4	2 Non-motorized vehicle (bicycle, farm or construction equipment, etc)

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Variable 170	VIN	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

The VEHICLE VINDICATOR Variables

Variables 171 through 191 describe the motor vehicles with a valid Vehicle Identification Number (VIN) involved in the crash. They are included in the Vehicle and Person datasets.

Variable 171	VINDICATOR - IERR	Width: 2	Type: Numeric
		Dec: None	Miss: None

VINDICATOR Variable - ErrorCode

1989	Prcnt	Code	Value and Description
0	0.0	-9	Invalid check digit / engine code
0	0.0	-8	Invalid check digit
4125	1.3	-1	Invalid engine code
115212	36.8	0	No errors
0	0.0	1	VIN has zero length
0	0.0	2	VIN contains improper characters
0	0.0	3	VIN length less than 7 characters
0	0.0	4	VIN does not match any valid pattern
0	0.0	5	Make code not valid for VIN pattern
0	0.0	6	VIN model year / pattern conflict
0	0.0	7	Recognized VIN, inappropriate vehicle type
0	0.0	8	Recognized VIN, inappropriate vehicle make
11035	3.5	9	Series / model key not in table
448	0.1	10	Series / model key in table, model year invalid
0	0.0	11	VIN model year / input model year conflict
0	0.0	12	VIN not in U.S. standard format (gray market vehicle)
182657	58.3	99	VIN not decoded / no VIN

Variable 172	VINDICATOR - ALTSW	Width: 1	Type: Numeric
		Dec: None	Miss: None

VINDICATOR Variable - CharacterSubstitution

1989	Prcnt	Code	Value and Description
311718	99.4	0	No alteration has been made
1759	0.6	1	That VINDICATOR has made some change to the input vin (e.g., replaced alphabetic "I" by numeric "1", etc.)

---

Variable 173	VINDICATOR - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 0

---

VINDICATOR Variable - ModelYear

	1989 Prcnt	Code	Value and Description
182657	58.3	0	Missing data
51	0.0	1980	1980
9737	3.1	1981	1981
9483	3.0	1982	1982
10342	3.3	1983	1983
15645	5.0	1984	1984
17434	5.6	1985	1985
16717	5.3	1986	1986
17500	5.6	1987	1987
20377	6.5	1988	1988
13030	4.2	1989	1989
504	0.2	1990	1990

---

Variable 174	VINDICATOR - MAKE	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

VINDICATOR Variable - MakeNumber

	1989 Prcnt	Code	Value and Description
182660	58.3	0	Missing data
16847	5.4	1	Chevrolet/Geo
17079	5.4	2	Ford
7387	2.4	3	Pontiac
7059	2.3	4	Buick
2932	0.9	5	Plymouth
9023	2.9	6	Oldsmobile
4536	1.4	7	Dodge
1143	0.4	8	Volkswagen
4797	1.5	9	Mercury
1807	0.6	10	Cadillac
254	0.1	11	AMC/Eagle
2492	0.8	12	Chrysler
1074	0.3	13	Lincoln
524	0.2	14	Opel/Isuzu
4998	1.6	15	Datsun/Nissan
6307	2.0	16	Toyota
46	0.0	17	Capri/Mercur
3196	1.0	18	Mazda
91	0.0	19	Fiat/Bertone
439	0.1	20	Volvo
367	0.1	21	Audi
402	0.1	22	Dodge/Mitsubishi
3701	1.2	23	Honda
66	0.0	24	Porsche
0	0.0	25	MG
655	0.2	26	Subaru

## Variable 174:VINDICATOR - MAKE (Continued)

1989	Prcnt	Code	Value and Description
375	0.1	27	Chrysler/Plymouth/Mitsubishi
49	0.0	28	GMCA/Passport/Asuna
9779	3.1	29	Chevrolet/Geo Truck
3763	1.2	30	GMC Truck
11563	3.7	31	Ford Truck
3555	1.1	32	Dodge Truck
712	0.2	33	Chrysler/Plymouth Truck
971	0.3	34	Jeep
0	0.0	35	International
161	0.1	36	Mercedes Benz
255	0.1	37	BMW
595	0.2	38	Renault/Eagle
173	0.1	39	Saab
41	0.0	40	Peugeot
1	0.0	41	Triumph
3	0.0	42	Ferrari
0	0.0	43	Lancia
59	0.0	44	Jaguar
16	0.0	45	Alfa Romeo
1	0.0	46	Rolls Royce
0	0.0	47	Bentley
0	0.0	48	Aston Martin
0	0.0	49	Delorean
0	0.0	50	Avanti
415	0.1	51	Mitsubishi
0	0.0	52	Lotus
142	0.0	53	Yugo
462	0.1	54	Hyundai
219	0.1	55	Suzuki
1	0.0	56	Maserati
243	0.1	57	Acura
0	0.0	58	TVR
14	0.0	59	Sterling
4	0.0	60	Land Rover
1	0.0	61	Daihatsu
0	0.0	62	Panther
0	0.0	63	Lamborghini
1	0.0	64	Laforza
16	0.0	65	Lexus
2	0.0	66	Infiniti
1	0.0	67	Saturn
1	0.0	68	Kia
0	0.0	69	AM General
0	0.0	70	Daewoo
0	0.0	71	GEM
0	0.0	72	Mini
0	0.0	73	Maybach
1	0.0	74	Scion

Variable 175      VINDICATOR - MAKE/MODEL      Width: 7      Type: Numeric  
Dec:    None      Miss:      0

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

1989 Prcnt	Code	Value and Description
182660	58.3	0 Make/model data missing
1287	0.4	100000 Chevrolet Unknown Series Model
774	0.2	100300 Chevrolet Monte Carlo 2D
6	0.0	100600 Chevrolet Impala 2D
25	0.0	100700 Chevrolet Caprice 2D
39	0.0	100739 Chevrolet Caprice 2D Classic
389	0.1	100800 Chevrolet Camaro 2D
146	0.0	100840 Chevrolet Camaro 2D Berlinetta
1218	0.4	100845 Chevrolet Camaro 2D Z28
112	0.0	100900 Chevrolet Corvette 2D
5	0.0	100948 Chevrolet Corvette 2D Collectors Edition
36	0.0	101700 Chevrolet Impala SW
6	0.0	101800 Chevrolet Caprice SW
36	0.0	101826 Chevrolet Caprice SW Estate
242	0.1	101839 Chevrolet Caprice SW Classic
577	0.2	102200 Chevrolet Nova 4D
277	0.1	102600 Chevrolet Impala 4D
709	0.2	102700 Chevrolet Caprice 4D
681	0.2	102739 Chevrolet Caprice 4D Classic
91	0.0	102756 Chevrolet Caprice 4D Brougham
307	0.1	102800 Chevrolet Chevette 2D
135	0.0	102846 Chevrolet Chevette 2D Scooter
13	0.0	103100 Chevrolet Malibu 2D
22	0.0	103138 Chevrolet Malibu 2D Malibu Classic
98	0.0	103200 Chevrolet Malibu 4D
148	0.0	103238 Chevrolet Malibu 4D Malibu Classic
52	0.0	103300 Chevrolet Malibu SW
59	0.0	103338 Chevrolet Malibu SW Malibu Classic
451	0.1	103500 Chevrolet Chevette 4D
66	0.0	103546 Chevrolet Chevette 4D Scooter
160	0.1	103600 Chevrolet Citation 2D
621	0.2	103700 Chevrolet Citation 4D
648	0.2	103800 Chevrolet Cavalier 2D
496	0.2	103847 Chevrolet Cavalier 2D Type 10
37	0.0	103849 Chevrolet Cavalier 2D CS
198	0.1	103853 Chevrolet Cavalier 2D RS
313	0.1	103854 Chevrolet Cavalier 2D Z24
734	0.2	103900 Chevrolet Cavalier 4D
477	0.2	103949 Chevrolet Cavalier 4D CS
59	0.0	103953 Chevrolet Cavalier 4D RS
218	0.1	104000 Chevrolet Cavalier SW
151	0.0	104049 Chevrolet Cavalier SW CS
11	0.0	104053 Chevrolet Cavalier SW RS
188	0.1	104100 Chevrolet Celebrity 2D
2078	0.7	104200 Chevrolet Celebrity 4D
17	0.0	104347 Chevrolet Cavalier Conv Type 10
1	0.0	104350 Chevrolet Cavalier Conv CL
22	0.0	104353 Chevrolet Cavalier Conv RS

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## Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
33	0.0	104354	Chevrolet Cavalier Conv Z24
376	0.1	104400	Chevrolet Celebrity SW
112	0.0	104500	Chevrolet Sprint 2D
22	0.0	104557	Chevrolet Sprint 2D ER
130	0.0	104600	Chevrolet Spectrum 2D
2	0.0	104651	Chevrolet Spectrum 2D Level I
267	0.1	104700	Chevrolet Spectrum 4D
1	0.0	104751	Chevrolet Spectrum 4D Level I
58	0.0	104800	Chevrolet Sprint 4D
28	0.0	104855	Chevrolet Sprint 4D Plus
16	0.0	104900	Chevrolet Corvette Conv
516	0.2	105000	Chevrolet Corsica 4D
2	0.0	105016	Chevrolet Corsica 4D LT
2	0.0	105058	Chevrolet Corsica 4D LTZ
558	0.2	105100	Chevrolet Beretta 2D
139	0.0	105159	Chevrolet Beretta 2D GT
14	0.0	105200	Chevrolet Camaro Conv
13	0.0	105300	Chevrolet Geo Metro 2D
35	0.0	105361	Chevrolet Geo Metro 2D LSI
7	0.0	105461	Chevrolet Geo Metro 4D LSI
40	0.0	105500	Chevrolet Geo Prizm 4D
21	0.0	105600	Chevrolet Lumina 4D
16	0.0	105663	Chevrolet Lumina 4D Eurosport
1	0.0	105763	Chevrolet Lumina 2D Eurosport
1	0.0	105900	Chevrolet Geo Storm 2D
1	0.0	105962	Chevrolet Geo Storm 2D GSI
676	0.2	200000	Ford Unknown Series Model
7	0.0	200700	Ford LTD 2D
57	0.0	200737	Ford LTD 2D Crown Victoria
4	0.0	200750	Ford LTD 2D Crown Victoria LX
371	0.1	200800	Ford Mustang 2D
183	0.1	200810	Ford Mustang 2D GT
33	0.0	200831	Ford Mustang 2D Ghia
155	0.0	200842	Ford Mustang 2D L
14	0.0	200843	Ford Mustang 2D GLX
120	0.0	200844	Ford Mustang 2D GL
882	0.3	200845	Ford Mustang 2D LX
983	0.3	200900	Ford Thunderbird 2D
65	0.0	200945	Ford Thunderbird 2D LX
25	0.0	200952	Ford Thunderbird 2D Sport
97	0.0	200953	Ford Thunderbird 2D Turbo
9	0.0	200958	Ford Thunderbird 2D Super
43	0.0	202042	Ford Granada 2D L
166	0.1	202142	Ford Granada 4D L
78	0.0	202300	Ford LTD/Crown Victoria 4D
25	0.0	202334	Ford LTD/Crown Victoria 4D S
750	0.2	202337	Ford LTD/Crown Victoria 4D Crown Victoria
154	0.0	202350	Ford LTD/Crown Victoria 4D Crown Victoria LX
188	0.1	202351	Ford LTD 4D Crown Victoria S
14	0.0	202500	Ford Fairmont 2D
100	0.0	202600	Ford Fairmont 4D
45	0.0	202700	Ford Fairmont SW

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Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
28	0.0	202900	Ford Fairmont Futura 2D
47	0.0	202902	Ford Fairmont Futura 2D Futura
1	0.0	202934	Ford Fairmont Futura 2D S
28	0.0	203000	Ford Courier Short Pickup 4x2
28	0.0	203100	Ford Courier Long Pickup
19	0.0	204000	Ford LTD SW
109	0.0	204011	Ford LTD SW Country Squire
6	0.0	204034	Ford LTD SW S
11	0.0	204037	Ford LTD SW Crown Victoria
5	0.0	204050	Ford LTD SW Crown Victoria LX
1	0.0	204051	Ford LTD SW Crown Victoria S
15	0.0	204054	Ford LTD SW Country Squire LX
346	0.1	204100	Ford Escort 2D
41	0.0	204110	Ford Escort 2D GT
739	0.2	204142	Ford Escort 2D L
5	0.0	204143	Ford Escort 2D GLX
72	0.0	204144	Ford Escort 2D GL
150	0.0	204200	Ford Escort SW
149	0.0	204242	Ford Escort SW L
8	0.0	204243	Ford Escort SW GLX
70	0.0	204244	Ford Escort SW GL
5	0.0	204245	Ford Escort SW LX
1	0.0	204300	Ford Courier SH C Cab
238	0.1	204500	Ford EXP 2D
89	0.0	204547	Ford EXP 2D Escort EXP Sport
58	0.0	204555	Ford EXP 2D Escort EXP Luxury
133	0.0	204600	Ford Escort 4D
242	0.1	204642	Ford Escort 4D L
5	0.0	204643	Ford Escort 4D GLX
92	0.0	204644	Ford Escort 4D GL
9	0.0	204645	Ford Escort 4D LX
42	0.0	204742	Ford Granada SW L
104	0.0	204800	Ford Fairmont Futura 4D
88	0.0	204834	Ford Fairmont Futura 4D S
62	0.0	205110	Ford Mustang Conv GT
25	0.0	205143	Ford Mustang Conv GLX
137	0.0	205145	Ford Mustang Conv LX
581	0.2	205200	Ford LTD 4D
158	0.1	205300	Ford LTD SW
13	0.0	205442	Ford Tempo 2D 2WD L
27	0.0	205443	Ford Tempo 2D 2WD GLX
447	0.1	205444	Ford Tempo 2D 2WD GL
32	0.0	205445	Ford Tempo 2D 2WD LX
75	0.0	205452	Ford Tempo 2D 2WD Sport
32	0.0	205456	Ford Tempo 2D 2WD GLS
13	0.0	205542	Ford Tempo 4D 2WD L
78	0.0	205543	Ford Tempo 4D 2WD GLX
1755	0.6	205544	Ford Tempo 4D 2WD GL
166	0.1	205545	Ford Tempo 4D 2WD LX
41	0.0	205552	Ford Tempo 4D 2WD Sport
23	0.0	205556	Ford Tempo 4D 2WD GLS
315	0.1	205642	Ford Taurus 4D L

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## Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
424	0.1	205644	Ford Taurus 4D GL
116	0.0	205645	Ford Taurus 4D LX
33	0.0	205649	Ford Taurus 4D MT-5
8	0.0	205657	Ford Taurus 4D SHO
177	0.1	205661	Ford Taurus 4D MT-5/L/GL/LX
78	0.0	205742	Ford Taurus SW L
91	0.0	205744	Ford Taurus SW GL
53	0.0	205745	Ford Taurus SW LX
4	0.0	205749	Ford Taurus SW MT-5
34	0.0	205761	Ford Taurus SW MT-5/L/GL/LX
1	0.0	205848	Ford Tempo 2D 4WD All Wheel
31	0.0	205948	Ford Tempo 4D 4WD All Wheel
215	0.1	206142	Ford Festiva 2D L
55	0.0	206145	Ford Festiva 2D LX
223	0.1	206210	Ford Escort 2D GT
212	0.1	206242	Ford Escort 2D L
411	0.1	206244	Ford Escort 2D GL
4	0.0	206245	Ford Escort 2D LX
613	0.2	206246	Ford Escort 2D Pony
231	0.1	206342	Ford Escort 4D L
1	0.0	206343	Ford Escort 4D GLX
315	0.1	206344	Ford Escort 4D GL
8	0.0	206345	Ford Escort 4D LX
167	0.1	206442	Ford Escort SW L
157	0.1	206444	Ford Escort SW GL
14	0.0	206445	Ford Escort SW LX
1	0.0	206547	Ford Escort EXP 2D Escort EXP Sport
48	0.0	206555	Ford Escort EXP 2D Escort EXP Luxury
147	0.0	206610	Ford Escort 2D GT
96	0.0	206642	Ford Escort 2D L
339	0.1	206645	Ford Escort 2D LX
106	0.0	206646	Ford Escort 2D Pony
201	0.1	206745	Ford Escort 4D LX
70	0.0	206845	Ford Escort SW LX
33	0.0	206910	Ford Probe 2D GT
88	0.0	206944	Ford Probe 2D GL
66	0.0	206945	Ford Probe 2D LX
636	0.2	300000	Pontiac Unknown Series Model
102	0.0	300100	Pontiac LeMans 4D
14	0.0	300126	Pontiac LeMans 4D SE
1	0.0	300200	Pontiac Catalina 2D
6	0.0	300400	Pontiac Bonneville 2D
8	0.0	300410	Pontiac Bonneville 2D Brougham
410	0.1	300500	Pontiac Grand Prix 2D
68	0.0	300510	Pontiac Grand Prix 2D Brougham
145	0.0	300520	Pontiac Grand Prix 2D LJ
150	0.0	300525	Pontiac Grand Prix 2D LE
52	0.0	300526	Pontiac Grand Prix 2D SE
510	0.2	300600	Pontiac Firebird 2D
385	0.1	300609	Pontiac Firebird 2D Trans Am
13	0.0	300612	Pontiac Firebird 2D Espirit
5	0.0	300622	Pontiac Firebird 2D Formula



Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
53	0.0	300626	Pontiac Firebird 2D SE
11	0.0	301200	Pontiac LeMans SW
1	0.0	301305	Pontiac Catalina SW Safari
22	0.0	301400	Pontiac Bonneville SW
112	0.0	301500	Pontiac LeMans 2D
3	0.0	301537	Pontiac LeMans 2D GSE
42	0.0	301538	Pontiac LeMans 2D Aero
461	0.1	301600	Pontiac Grand Am 2D
373	0.1	301625	Pontiac Grand Am 2D LE
80	0.0	301626	Pontiac Grand Am 2D SE
174	0.1	301700	Pontiac Grand Am 4D
106	0.0	301725	Pontiac Grand Am 4D LE
27	0.0	301726	Pontiac Grand Am 4D SE
4	0.0	302100	Pontiac Catalina 4D
250	0.1	302200	Pontiac Bonneville 4D
63	0.0	302210	Pontiac Bonneville 4D Brougham
154	0.0	302225	Pontiac Bonneville 4D LE
21	0.0	302226	Pontiac Bonneville 4D SE
16	0.0	302236	Pontiac Bonneville 4D SSE
1	0.0	302500	Pontiac Grand LeMans 2D
26	0.0	302600	Pontiac Grand LeMans 4D
15	0.0	302705	Pontiac Grand LeMans SW Safari
33	0.0	302800	Pontiac Phoenix 2D
4	0.0	302816	Pontiac Phoenix 2D SJ
13	0.0	302820	Pontiac Phoenix 2D LJ
1	0.0	302825	Pontiac Phoenix 2D LE
2	0.0	302826	Pontiac Phoenix 2D SE
97	0.0	302900	Pontiac Phoenix 4D
26	0.0	302920	Pontiac Phoenix 4D LJ
2	0.0	302925	Pontiac Phoenix 4D LE
61	0.0	303000	Pontiac J2000/2000 2D
1	0.0	303018	Pontiac J2000/2000 2D S
6	0.0	303025	Pontiac J2000/2000 2D LE
6	0.0	303026	Pontiac J2000/2000 2D SE
188	0.1	303028	Pontiac J2000/2000 2D Sunbird
7	0.0	303030	Pontiac J2000/2000 2D Sunbird LE
194	0.1	303031	Pontiac J2000/2000 2D Sunbird SE
50	0.0	303034	Pontiac J2000/2000 2D Sunbird GT
79	0.0	303100	Pontiac J2000/2000 4D
2	0.0	303118	Pontiac J2000/2000 4D S
25	0.0	303125	Pontiac J2000/2000 4D LE
239	0.1	303128	Pontiac J2000/2000 4D Sunbird
27	0.0	303130	Pontiac J2000/2000 4D Sunbird LE
7	0.0	303131	Pontiac J2000/2000 4D Sunbird SE
15	0.0	303200	Pontiac J2000/2000 SW
1	0.0	303218	Pontiac J2000/2000 SW S
1	0.0	303225	Pontiac J2000/2000 SW LE
26	0.0	303228	Pontiac J2000/2000 SW Sunbird
1	0.0	303230	Pontiac J2000/2000 SW Sunbird LE
3	0.0	303231	Pontiac J2000/2000 SW Sunbird SE
83	0.0	303300	Pontiac T1000/1000 2D
76	0.0	303400	Pontiac T1000/1000 4D

## Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
28	0.0	303500	Pontiac 6000 2D
25	0.0	303525	Pontiac 6000 2D LE
361	0.1	303600	Pontiac 6000 4D 2WD
321	0.1	303625	Pontiac 6000 4D 2WD LE
27	0.0	303626	Pontiac 6000 4D 2WD SE
64	0.0	303627	Pontiac 6000 4D 2WD STE
2	0.0	303728	Pontiac 2000 2D Conv Sunbird
11	0.0	303730	Pontiac 2000 2D Conv Sunbird LE
8	0.0	303731	Pontiac 2000 2D Conv Sunbird SE
5	0.0	303734	Pontiac 2000 2D Conv Sunbird GT
26	0.0	303800	Pontiac 6000 SW
16	0.0	303825	Pontiac 6000 SW LE
2	0.0	303826	Pontiac 6000 SW SE
66	0.0	303900	Pontiac Fiero 2D
177	0.1	303926	Pontiac Fiero 2D SE
203	0.1	303932	Pontiac Fiero 2D Sport
69	0.0	303933	Pontiac Fiero 2D GT
62	0.0	304000	Pontiac Parisienne 4D
75	0.0	304010	Pontiac Parisienne 4D Brougham
31	0.0	304100	Pontiac Parisienne SW
11	0.0	304105	Pontiac Parisienne SW Safari
1	0.0	304425	Pontiac Grand Prix 4D LE
512	0.2	400000	Buick Unknown Series Model
58	0.0	400100	Buick Century 4D
586	0.2	400103	Buick Century 4D Custom
573	0.2	400114	Buick Century 4D Limited
12	0.0	400125	Buick Century 4D T Type
19	0.0	400200	Buick LeSabre 2D
38	0.0	400203	Buick LeSabre 2D Custom
129	0.0	400214	Buick LeSabre 2D Limited
14	0.0	400414	Buick Electra 2D RWD Limited
17	0.0	400420	Buick Electra 2D RWD Park Avenue
232	0.1	400500	Buick Riviera 2D
7	0.0	400525	Buick Riviera 2D T Type
30	0.0	400528	Buick Riviera 2D Luxury
40	0.0	400603	Buick Century 2D Custom
48	0.0	400614	Buick Century 2D Limited
5	0.0	400625	Buick Century 2D T Type
3	0.0	401000	Buick Century SW
36	0.0	401003	Buick Century SW Custom
34	0.0	401011	Buick Century SW Estate
98	0.0	401100	Buick Skylark 2D
38	0.0	401103	Buick Skylark 2D Custom
82	0.0	401114	Buick Skylark 2D Limited
1	0.0	401117	Buick Skylark 2D Sport
3	0.0	401125	Buick Skylark 2D T Type
22	0.0	401200	Buick Skyhawk 2D
351	0.1	401203	Buick Skyhawk 2D Custom
24	0.0	401214	Buick Skyhawk 2D Limited
29	0.0	401217	Buick Skyhawk 2D Sport
44	0.0	401225	Buick Skyhawk 2D T Type
318	0.1	401300	Buick Skylark 4D

Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
220	0.1	401303	Buick Skylark 4D Custom
230	0.1	401314	Buick Skylark 4D Limited
2	0.0	401317	Buick Skylark 4D Sport
10	0.0	401400	Buick LeSabre 4D
260	0.1	401403	Buick LeSabre 4D Custom
451	0.1	401414	Buick LeSabre 4D Limited
80	0.0	401514	Buick Electra 4D RWD Limited
167	0.1	401520	Buick Electra 4D RWD Park Avenue
432	0.1	401700	Buick Regal 2D RWD
235	0.1	401714	Buick Regal 2D RWD Limited
207	0.1	401718	Buick Regal 2D RWD Regal Limited
4	0.0	401719	Buick Regal 2D RWD Regal Sport
14	0.0	401725	Buick Regal 2D RWD T Type
96	0.0	402100	Buick Regal 4D RWD
26	0.0	402114	Buick Regal 4D RWD Limited
34	0.0	402118	Buick Regal 4D RWD Regal Limited
20	0.0	402311	Buick LeSabre SW Estate
44	0.0	402411	Buick Electra SW RWD Estate
16	0.0	402500	Buick Skyhawk 4D
92	0.0	402503	Buick Skyhawk 4D Custom
44	0.0	402514	Buick Skyhawk 4D Limited
11	0.0	402517	Buick Skyhawk 4D Sport
29	0.0	402611	Buick Regal SW Estate
2	0.0	402800	Buick Skyhawk SW
16	0.0	402803	Buick Skyhawk SW Custom
8	0.0	402814	Buick Skyhawk SW Limited
1	0.0	402817	Buick Skyhawk SW Sport
1	0.0	402900	Buick Electra/Park Avenue 2D
10	0.0	402920	Buick Electra/Park Avenue 2D Park Avenue
26	0.0	403000	Buick Electra/Park Avenue 4D
5	0.0	403014	Buick Electra/Park Avenue 4D Limited
415	0.1	403020	Buick Electra/Park Avenue 4D Park Avenue
17	0.0	403025	Buick Electra/Park Avenue 4D T Type
5	0.0	403027	Buick Electra/Park Avenue 4D 380
2	0.0	403029	Buick Electra/Park Avenue 4D Park Avenue Ultra
149	0.0	403103	Buick Somerset 2D Custom
27	0.0	403114	Buick Somerset 2D Limited
31	0.0	403118	Buick Somerset 2D Regal Limited
2	0.0	403125	Buick Somerset 2D T Type
59	0.0	403126	Buick Somerset 2D Regal
98	0.0	403203	Buick Regal 2D FWD Custom
55	0.0	403214	Buick Regal 2D FWD Limited
3	0.0	403300	Buick Reatta 2D
130	0.0	500000	Plymouth Unknown Series Model
24	0.0	500400	Plymouth Gran Fury 4D
80	0.0	500438	Plymouth Gran Fury 4D Salon
583	0.2	501200	Plymouth Horizon 4D
12	0.0	501236	Plymouth Horizon 4D Custom
27	0.0	501244	Plymouth Horizon 4D Miser
80	0.0	501250	Plymouth Horizon 4D SE
14	0.0	502100	Plymouth Horizon 2D
39	0.0	502139	Plymouth Horizon 2D TC3

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## Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
23	0.0	502145	Plymouth Horizon 2D TC3 Miser
6	0.0	502146	Plymouth Horizon 2D TC3 Turismo
248	0.1	502148	Plymouth Horizon 2D Turismo
37	0.0	502149	Plymouth Horizon 2D Turismo 2.2
83	0.0	502200	Plymouth Reliant 2D
33	0.0	502236	Plymouth Reliant 2D Custom
49	0.0	502243	Plymouth Reliant 2D Special Edition
39	0.0	502251	Plymouth Reliant 2D LE
241	0.1	502300	Plymouth Reliant 4D
52	0.0	502336	Plymouth Reliant 4D Custom
139	0.0	502343	Plymouth Reliant 4D Special Edition
243	0.1	502351	Plymouth Reliant 4D LE
98	0.0	502436	Plymouth Reliant SW Custom
71	0.0	502443	Plymouth Reliant SW Special Edition
36	0.0	502451	Plymouth Reliant SW LE
98	0.0	502500	Plymouth Caravelle 4D
31	0.0	502543	Plymouth Caravelle 4D Special Edition
167	0.1	502600	Plymouth Sundance 2D
184	0.1	502700	Plymouth Sundance 4D
40	0.0	502800	Plymouth Acclaim 4D
8	0.0	502851	Plymouth Acclaim 4D LE
4	0.0	502852	Plymouth Acclaim 4D LX
2	0.0	502900	Plymouth Laser 2D 2WD
11	0.0	502953	Plymouth Laser 2D 2WD RS
669	0.2	600000	Oldsmobile Unknown Series Model
33	0.0	600100	Oldsmobile Cutlass 4D
234	0.1	600103	Oldsmobile Cutlass 4D Cutlass Supreme
60	0.0	600120	Oldsmobile Cutlass 4D Brougham
107	0.0	600124	Oldsmobile Cutlass 4D Supreme Brougham
109	0.0	600132	Oldsmobile Cutlass 4D LS
1	0.0	600200	Oldsmobile Delta-88 2D
99	0.0	600208	Oldsmobile Delta-88 2D Royale
154	0.0	600229	Oldsmobile Delta-88 2D Royale Brougham
43	0.0	600318	Oldsmobile 98 2D RWD Regency
1	0.0	600400	Oldsmobile Toronado
254	0.1	600420	Oldsmobile Toronado Brougham
12	0.0	600446	Oldsmobile Toronado Trofeo
858	0.3	600503	Oldsmobile Cutlass 2D Cutlass Supreme
47	0.0	600519	Oldsmobile Cutlass 2D Salon
132	0.0	600523	Oldsmobile Cutlass 2D Calais
490	0.2	600524	Oldsmobile Cutlass 2D Supreme Brougham
141	0.0	600821	Oldsmobile Cutlass SW Cruiser
15	0.0	600827	Oldsmobile Cutlass SW Cruiser Brougham
12	0.0	600850	Oldsmobile Cutlass SW Cruiser SL
170	0.1	601000	Oldsmobile Custom Cruiser SW
53	0.0	601100	Oldsmobile Omega 2D
42	0.0	601120	Oldsmobile Omega 2D Brougham
115	0.0	601300	Oldsmobile Omega 4D
108	0.0	601320	Oldsmobile Omega 4D Brougham
17	0.0	601400	Oldsmobile Delta-88 4D
677	0.2	601408	Oldsmobile Delta-88 4D Royale
520	0.2	601429	Oldsmobile Delta-88 4D Royale Brougham

Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
22	0.0	601432	Oldsmobile Delta-88 4D LS
2	0.0	601510	Oldsmobile 98 4D RWD Luxury
173	0.1	601518	Oldsmobile 98 4D RWD Regency
115	0.0	601536	Oldsmobile 98 4D RWD Regency Brougham
22	0.0	601600	Oldsmobile Firenza 2D
26	0.0	601626	Oldsmobile Firenza 2D SX
55	0.0	601630	Oldsmobile Firenza 2D S
3	0.0	601639	Oldsmobile Firenza 2D GT
7	0.0	601640	Oldsmobile Firenza 2D LC
142	0.0	601700	Oldsmobile Firenza 4D
48	0.0	601737	Oldsmobile Firenza 4D LX
7	0.0	601833	Oldsmobile Ciera 2D Ciera
130	0.0	601834	Oldsmobile Ciera 2D Ciera LS
106	0.0	601835	Oldsmobile Ciera 2D Ciera Brougham
5	0.0	601842	Oldsmobile Ciera 2D Ciera International
96	0.0	601933	Oldsmobile Ciera 4D Ciera
817	0.3	601934	Oldsmobile Ciera 4D Ciera LS
627	0.2	601935	Oldsmobile Ciera 4D Ciera Brougham
24	0.0	601941	Oldsmobile Ciera 4D Ciera SL
8	0.0	601942	Oldsmobile Ciera 4D Ciera International
1	0.0	601951	Oldsmobile Ciera 4D Ciera S
27	0.0	602000	Oldsmobile Firenza SW
10	0.0	602037	Oldsmobile Firenza SW LX
7	0.0	602118	Oldsmobile 98 2D FWD Regency
14	0.0	602136	Oldsmobile 98 2D FWD Regency Brougham
113	0.0	602218	Oldsmobile 98 4D FWD Regency
355	0.1	602236	Oldsmobile 98 4D FWD Regency Brougham
9	0.0	602243	Oldsmobile 98 4D FWD Touring
275	0.1	602300	Oldsmobile Calais 2D
34	0.0	602330	Oldsmobile Calais 2D S
163	0.1	602338	Oldsmobile Calais 2D Supreme
14	0.0	602344	Oldsmobile Calais 2D International
10	0.0	602347	Oldsmobile Calais 2D SL
122	0.0	602400	Oldsmobile Calais 4D
17	0.0	602430	Oldsmobile Calais 4D S
59	0.0	602438	Oldsmobile Calais 4D Supreme
6	0.0	602444	Oldsmobile Calais 4D International
9	0.0	602447	Oldsmobile Calais 4D SL
83	0.0	602503	Oldsmobile Cutlass 2D FWD Cutlass Supreme
30	0.0	602548	Oldsmobile Cutlass 2D FWD Supreme International
56	0.0	602549	Oldsmobile Cutlass 2D FWD Supreme SL
1	0.0	602603	Oldsmobile Cutlass 4D FWD Cutlass Supreme
502	0.2	700000	Dodge Unknown Series Model
498	0.2	700700	Dodge Omni 4D
5	0.0	700705	Dodge Omni 4D Custom
41	0.0	700717	Dodge Omni 4D SE
26	0.0	700738	Dodge Omni 4D Miser
1	0.0	700741	Dodge Omni 4D E-Type
1	0.0	702126	Dodge Diplomat 2D Medallion
3	0.0	702133	Dodge Diplomat 2D Sport
43	0.0	702217	Dodge Diplomat 4D SE
5	0.0	702226	Dodge Diplomat 4D Medallion

## Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
221	0.1	702230	Dodge Diplomat 4D Salon
1	0.0	702300	Dodge Diplomat SW
229	0.1	702500	Dodge Omni/Charger 2D
47	0.0	702529	Dodge Omni/Charger 2D 024
22	0.0	702539	Dodge Omni/Charger 2D 024 Miser
22	0.0	702540	Dodge Omni/Charger 2D 024 Charger
66	0.0	702543	Dodge Omni/Charger 2D 2.2
42	0.0	702549	Dodge Omni/Charger 2D Shelby
5	0.0	702600	Dodge St Regis 4D
22	0.0	702700	Dodge Mirada 2D
78	0.0	703100	Dodge Aries 2D
29	0.0	703105	Dodge Aries 2D Custom
14	0.0	703117	Dodge Aries 2D SE
32	0.0	703125	Dodge Aries 2D Special Edition
34	0.0	703146	Dodge Aries 2D LE
200	0.1	703200	Dodge Aries 4D
48	0.0	703205	Dodge Aries 4D Custom
16	0.0	703217	Dodge Aries 4D SE
80	0.0	703225	Dodge Aries 4D Special Edition
225	0.1	703246	Dodge Aries 4D LE
71	0.0	703305	Dodge Aries SW Custom
35	0.0	703317	Dodge Aries SW SE
17	0.0	703325	Dodge Aries SW Special Edition
45	0.0	703346	Dodge Aries SW LE
15	0.0	703400	Dodge 400 2D
2	0.0	703442	Dodge 400 2D LS
9	0.0	703500	Dodge 400 4D
3	0.0	703542	Dodge 400 4D LS
12	0.0	703600	Dodge 400 2D Conv
197	0.1	703700	Dodge 600 4D
47	0.0	703717	Dodge 600 4D SE
18	0.0	703744	Dodge 600 4D ES
39	0.0	703900	Dodge 600 2D
58	0.0	704000	Dodge 600 2D Conv
386	0.1	704100	Dodge Daytona 2D
59	0.0	704144	Dodge Daytona 2D ES
114	0.0	704145	Dodge Daytona 2D Turbo
21	0.0	704147	Dodge Daytona 2D Pacifica
31	0.0	704148	Dodge Daytona 2D Shelby Z
13	0.0	704149	Dodge Daytona 2D Shelby
121	0.0	704200	Dodge Lancer 4D
49	0.0	704244	Dodge Lancer 4D ES
182	0.1	704300	Dodge Shadow 2D
214	0.1	704400	Dodge Shadow 4D
105	0.0	704500	Dodge Dynasty 4D
76	0.0	704546	Dodge Dynasty 4D LE
23	0.0	704600	Dodge Spirit 4D
9	0.0	704644	Dodge Spirit 4D ES
7	0.0	704646	Dodge Spirit 4D LE
102	0.0	800000	Volkswagen Unknown Series Model
1	0.0	800300	Volkswagen Dasher Sedan
92	0.0	800920	Volkswagen Rabbit Sedan L

Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
34	0.0	800921	Volkswagen Rabbit Sedan LS
8	0.0	800925	Volkswagen Rabbit Sedan GL
65	0.0	801000	Volkswagen Scirocco
10	0.0	801028	Volkswagen Scirocco 16V
35	0.0	801100	Volkswagen Rabbit Conv
13	0.0	801219	Volkswagen Vanagon Bus
1	0.0	801225	Volkswagen Vanagon GL
185	0.1	801300	Volkswagen Jetta Sedan
3	0.0	801321	Volkswagen Jetta Sedan LS
16	0.0	801325	Volkswagen Jetta Sedan GL
35	0.0	801327	Volkswagen Jetta Sedan GLI
25	0.0	801330	Volkswagen Jetta Sedan GL/Carat
25	0.0	801400	Volkswagen Jetta 2D
3	0.0	801500	Volkswagen Rabbit 2D
44	0.0	801520	Volkswagen Rabbit 2D L
14	0.0	801521	Volkswagen Rabbit 2D LS
1	0.0	801523	Volkswagen Rabbit 2D S
47	0.0	801526	Volkswagen Rabbit 2D GTI
21	0.0	801600	Volkswagen Rabbit Pickup 2WD
2	0.0	801622	Volkswagen Rabbit Pickup 2WD Sport
10	0.0	801624	Volkswagen Rabbit Pickup 2WD LX
27	0.0	801800	Volkswagen Quantum 4D
4	0.0	801825	Volkswagen Quantum 4D GL
9	0.0	801900	Volkswagen Quantum SW
10	0.0	801925	Volkswagen Quantum SW GL
38	0.0	802000	Volkswagen Golf 2D
20	0.0	802025	Volkswagen Golf 2D GL
1	0.0	802029	Volkswagen Golf 2D GT
61	0.0	802100	Volkswagen Golf 4D
18	0.0	802125	Volkswagen Golf 4D GL
21	0.0	802200	Volkswagen GTI 2D
7	0.0	802228	Volkswagen GTI 2D 16V
48	0.0	802300	Volkswagen Cabriolet Conv
5	0.0	802418	Volkswagen Vanagon Camper Camper
1	0.0	802500	Volkswagen Quantum SE 4WD
19	0.0	802600	Volkswagen Fox 2D
3	0.0	802625	Volkswagen Fox 2D GL
47	0.0	802725	Volkswagen Fox 4D GL
11	0.0	802825	Volkswagen Fox 2D SW GL
1	0.0	802900	Volkswagen Corrado 2D
216	0.1	900000	Mercury Unknown Series Model
4	0.0	900603	Mercury Marquis/Grand Marguis 2D Brougham
59	0.0	900621	Mercury Marquis/Grand Marguis 2D Grand Marquis
4	0.0	900638	Mercury Marquis/Grand Marguis 2D Grand Marquis LS
605	0.2	900700	Mercury Cougar 2D
31	0.0	900713	Mercury Cougar 2D XR-7
4	0.0	900730	Mercury Cougar 2D GS
327	0.1	900731	Mercury Cougar 2D LS
5	0.0	900900	Mercury Marquis/Grand Marguis SW
87	0.0	900914	Mercury Marquis/Grand Marguis SW Colony Park
20	0.0	900936	Mercury Marquis/Grand Marguis SW Colony Park LS
1	0.0	900940	Mercury Marquis/Grand Marguis SW Colony Park GS

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## Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
43	0.0	902000	Mercury Marquis/Grand Marguis 4D
39	0.0	902003	Mercury Marquis/Grand Marguis 4D Brougham
489	0.2	902021	Mercury Marquis/Grand Marguis 4D Grand Marquis
90	0.0	902037	Mercury Marquis/Grand Marguis 4D Grand Marquis GS
135	0.0	902038	Mercury Marquis/Grand Marguis 4D Grand Marquis LS
29	0.0	902300	Mercury Cougar 4D
38	0.0	902330	Mercury Cougar 4D GS
16	0.0	902430	Mercury Cougar SW GS
22	0.0	903427	Mercury Zephyr Z-7 Z-7
48	0.0	903513	Mercury Cougar XR-7 XR-7
4	0.0	903600	Mercury Zephyr 2D
86	0.0	903700	Mercury Zephyr 4D
7	0.0	903800	Mercury Zephyr SW
183	0.1	903900	Mercury Capri 2D
10	0.0	903920	Mercury Capri 2D Ghia
4	0.0	903930	Mercury Capri 2D GS
86	0.0	904000	Mercury Lynx 2D
112	0.0	904029	Mercury Lynx 2D L
11	0.0	904030	Mercury Lynx 2D GS
3	0.0	904031	Mercury Lynx 2D LS
9	0.0	904032	Mercury Lynx 2D RS
29	0.0	904100	Mercury Lynx SW
42	0.0	904129	Mercury Lynx SW L
9	0.0	904130	Mercury Lynx SW GS
4	0.0	904131	Mercury Lynx SW LS
45	0.0	904200	Mercury LN7 2D
73	0.0	904329	Mercury Lynx 4D L
16	0.0	904330	Mercury Lynx 4D GS
3	0.0	904331	Mercury Lynx 4D LS
2	0.0	904333	Mercury Lynx 4D LTS
294	0.1	904400	Mercury Marquis 4D
54	0.0	904500	Mercury Marquis SW
88	0.0	904630	Mercury Topaz 2D GS
7	0.0	904631	Mercury Topaz 2D LS
12	0.0	904635	Mercury Topaz 2D Sport
9	0.0	904639	Mercury Topaz 2D XR5
1	0.0	904729	Mercury Topaz 4D L
409	0.1	904730	Mercury Topaz 4D GS
64	0.0	904731	Mercury Topaz 4D LS
19	0.0	904733	Mercury Topaz 4D LTS
9	0.0	904735	Mercury Topaz 4D Sport
169	0.1	904930	Mercury Sable 4D GS
90	0.0	904931	Mercury Sable 4D LS
69	0.0	904943	Mercury Sable 4D GS/LS
18	0.0	905030	Mercury Sable SW GS
23	0.0	905031	Mercury Sable SW LS
14	0.0	905043	Mercury Sable SW GS/LS
115	0.0	905200	Mercury Tracer 2D
82	0.0	905300	Mercury Tracer 4D
21	0.0	905400	Mercury Tracer SW
68	0.0	905529	Mercury Lynx 2D L
20	0.0	905530	Mercury Lynx 2D GS



Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
15	0.0	905534	Mercury Lynx 2D XR3
26	0.0	905629	Mercury Lynx 4D L
26	0.0	905630	Mercury Lynx 4D GS
10	0.0	905729	Mercury Lynx SW L
15	0.0	905730	Mercury Lynx SW GS
215	0.1	1000000	Cadillac Unknown Series Model
153	0.0	1000200	Cadillac Deville 2D RWD
256	0.1	1000300	Cadillac Brougham/Fltwd Brm/Fltwd 4D
225	0.1	1000400	Cadillac Eldorado 2D
1	0.0	1000605	Cadillac Fleetwood 4D Formal Limousine
154	0.0	1000700	Cadillac Seville 4D
204	0.1	1000900	Cadillac Deville 4D RWD
17	0.0	1001000	Cadillac Brougham 2D
88	0.0	1001100	Cadillac Cimarron 4D
83	0.0	1001300	Cadillac Deville 2D FWD
341	0.1	1001400	Cadillac Deville 4D FWD
43	0.0	1001600	Cadillac Fleetwood 4D FWD
1	0.0	1001601	Cadillac Fleetwood 4D FWD Sixty Special
20	0.0	1001607	Cadillac Fleetwood 4D FWD D'Elegance
4	0.0	1001900	Cadillac Allante Conv
2	0.0	1002001	Cadillac Fltwd 60 Special 4D Sixty Special
15	0.0	1100000	AMC/Eagle Unknown Series Model
11	0.0	1101718	AMC/Eagle Concord 2D DL
4	0.0	1101800	AMC/Eagle Concord 4D
40	0.0	1101818	AMC/Eagle Concord 4D DL
1	0.0	1101819	AMC/Eagle Concord 4D Limited
2	0.0	1101900	AMC/Eagle Concord SW
13	0.0	1101918	AMC/Eagle Concord SW DL
3	0.0	1101919	AMC/Eagle Concord SW Limited
1	0.0	1102018	AMC/Eagle Spirit 2D DL
10	0.0	1102100	AMC/Eagle Spirit Liftback
23	0.0	1102118	AMC/Eagle Spirit Liftback DL
2	0.0	1102218	AMC/Eagle Eagle 2D DL
1	0.0	1102219	AMC/Eagle Eagle 2D Limited
7	0.0	1102300	AMC/Eagle Eagle 4D
5	0.0	1102318	AMC/Eagle Eagle 4D DL
25	0.0	1102400	AMC/Eagle Eagle SW
44	0.0	1102418	AMC/Eagle Eagle SW DL
18	0.0	1102419	AMC/Eagle Eagle SW Limited
7	0.0	1102921	AMC/Eagle Eagle 50 Liftback SX/4
20	0.0	1102922	AMC/Eagle Eagle 50 Liftback SX/4, DL
1	0.0	1103023	AMC/Eagle Eagle 50 2D Kammback
1	0.0	1103024	AMC/Eagle Eagle 50 2D Kammback, DL
216	0.1	1200000	Chrysler Unknown Series Model
3	0.0	1200600	Chrysler Imperial 2D
38	0.0	1200700	Chrysler Cordoba
9	0.0	1200711	Chrysler Cordoba LS
10	0.0	1200800	Chrysler Newport 4D
38	0.0	1201000	Chrysler New Yorker 4D RWD
445	0.1	1201013	Chrysler New Yorker 4D RWD 5th Ave Edition
332	0.1	1201200	Chrysler Le Baron 2D
29	0.0	1201205	Chrysler Le Baron 2D Medallion

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## Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
6	0.0	1201207	Chrysler Le Baron 2D Salon
1	0.0	1201212	Chrysler Le Baron 2D Special
270	0.1	1201300	Chrysler Le Baron 4D
32	0.0	1201305	Chrysler Le Baron 4D Medallion
17	0.0	1201307	Chrysler Le Baron 4D Salon
7	0.0	1201312	Chrysler Le Baron 4D Special
2	0.0	1201400	Chrysler Le Baron SW
47	0.0	1201401	Chrysler Le Baron SW Town & Country
166	0.1	1201500	Chrysler Le Baron 2D Conv
11	0.0	1201505	Chrysler Le Baron 2D Conv Medallion
254	0.1	1201600	Chrysler New Yorker 4D (E Body)
65	0.0	1201700	Chrysler E Class 4D
139	0.0	1201900	Chrysler Laser 2D
79	0.0	1201914	Chrysler Laser 2D XE
2	0.0	1202100	Chrysler Le Baron 4D (H Body)
171	0.1	1202121	Chrysler Le Baron 4D (H Body) GTS
42	0.0	1202400	Chrysler New Yorker 4D (C Body)
61	0.0	1202418	Chrysler New Yorker 4D (C Body) Landua
50	0.0	1300000	Lincoln Unknown Series Model
2	0.0	1300101	Lincoln Continental 2D Town Car
571	0.2	1300401	Lincoln Town Car/Continental 4D Town Car
9	0.0	1300402	Lincoln Town Car/Continental 4D Cartier
126	0.0	1300403	Lincoln Town Car/Continental 4D Signature
2	0.0	1300407	Lincoln Town Car/Continental 4D Gucci
33	0.0	1300700	Lincoln Mark VI 2D
47	0.0	1300800	Lincoln Mark VI 4D
125	0.0	1300900	Lincoln Continental 4D
25	0.0	1300903	Lincoln Continental 4D Signature
50	0.0	1301000	Lincoln Mark VII 2D
22	0.0	1301005	Lincoln Mark VII 2D LSC
12	0.0	1301006	Lincoln Mark VII 2D Blass
151	0.0	1400000	Opel/Isuzu Unknown Series Model
1	0.0	1401000	Opel/Isuzu I-Mark 2D RWD
16	0.0	1401100	Opel/Isuzu I-Mark 4D RWD
66	0.0	1401400	Opel/Isuzu PU SH 1/2T 4x2
14	0.0	1401500	Opel/Isuzu PU SH 1/2T 4x4
38	0.0	1401600	Opel/Isuzu PU LN 1/2T 4x2
1	0.0	1401700	Opel/Isuzu PU LN 1/2T 4x4
43	0.0	1401800	Opel/Isuzu Impulse 2D 2WD
47	0.0	1401900	Opel/Isuzu Trooper II 2D 4x4
9	0.0	1402100	Opel/Isuzu PU Space C 1/2T 4x2
18	0.0	1402300	Opel/Isuzu I-Mark 2D FWD
48	0.0	1402400	Opel/Isuzu I-Mark 4D FWD
15	0.0	1402500	Opel/Isuzu PU SH 1/2T 4x2
6	0.0	1402600	Opel/Isuzu PU SH 1/2T 4x4
1	0.0	1402700	Opel/Isuzu Amigo 2D 4x2
1	0.0	1402800	Opel/Isuzu Amigo 2D 4x4
1	0.0	1403000	Opel/Isuzu Trooper II 2D SH 4x4
47	0.0	1403100	Opel/Isuzu Trooper 4D 4x4
1	0.0	1403300	Opel/Isuzu PU 1T 4x2
643	0.2	1500000	Datsun/Nissan Unknown Series Model
75	0.0	1500102	Datsun/Nissan 240/260/280/300 2D 280 ZX

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1989	Prcnt	Code	Value and Description
115	0.0	1500107	Datsun/Nissan 240/260/280/300 2D 300 ZX
17	0.0	1500800	Datsun/Nissan B210/210 Sedan
222	0.1	1501000	Datsun/Nissan Pickup Short 4x2
20	0.0	1501100	Datsun/Nissan Pickup Long 4x2
1	0.0	1501101	Datsun/Nissan Pickup Long 4x2 Heavy Duty
28	0.0	1501502	Datsun/Nissan 260/280/300 2+2 2D 280 ZX
34	0.0	1501507	Datsun/Nissan 260/280/300 2+2 2D 300 ZX
293	0.1	1501600	Datsun/Nissan 200 SX 2D
400	0.1	1501700	Datsun/Nissan 810/Maxima Sedan
36	0.0	1501800	Datsun/Nissan 810/Maxima Wagon
1	0.0	1501811	Datsun/Nissan 810/Maxima Wagon GXE
3	0.0	1501900	Datsun/Nissan 510 2D
16	0.0	1502000	Datsun/Nissan 510 Sedan
11	0.0	1502100	Datsun/Nissan 510 Wagon
22	0.0	1502300	Datsun/Nissan 310 Sedan
85	0.0	1502500	Datsun/Nissan 210 2D
28	0.0	1502600	Datsun/Nissan 210 Wagon
67	0.0	1502700	Datsun/Nissan 310 2D
54	0.0	1502800	Datsun/Nissan Pickup Short 4x4
14	0.0	1502900	Datsun/Nissan Pickup Long 4x4
4	0.0	1503000	Datsun/Nissan Chassis Cab
155	0.0	1503100	Datsun/Nissan King Cab PU 4x2
86	0.0	1503200	Datsun/Nissan King Cab PU 4x4
22	0.0	1503300	Datsun/Nissan Stanza 2D
258	0.1	1503400	Datsun/Nissan Stanza 4D
812	0.3	1503500	Datsun/Nissan Sentra 2D
49	0.0	1503519	Datsun/Nissan Sentra 2D Sport Coupe
336	0.1	1503600	Datsun/Nissan Sentra 4D
96	0.0	1503700	Datsun/Nissan Sentra SW
6	0.0	1503800	Datsun/Nissan Pulsar 2D
36	0.0	1503806	Datsun/Nissan Pulsar 2D DX
62	0.0	1503808	Datsun/Nissan Pulsar 2D GX
158	0.1	1503809	Datsun/Nissan Pulsar 2D XE
36	0.0	1503810	Datsun/Nissan Pulsar 2D SE
2	0.0	1503906	Datsun/Nissan Pulsar 4D DX
37	0.0	1504000	Datsun/Nissan Stanza SW
2	0.0	1504100	Datsun/Nissan Stanza SW 4WD
39	0.0	1504300	Datsun/Nissan Pathfinder 2D 4x4
1	0.0	1504312	Datsun/Nissan Pathfinder 2D 4x4 E
10	0.0	1504400	Datsun/Nissan Van
383	0.1	1504500	Datsun/Nissan PU SH 4x2
2	0.0	1504510	Datsun/Nissan PU SH 4x2 SE
38	0.0	1504600	Datsun/Nissan PU SH 4x4
27	0.0	1504610	Datsun/Nissan PU SH 4x4 SE
6	0.0	1504700	Datsun/Nissan PU Long 4x2
10	0.0	1504701	Datsun/Nissan PU Long 4x2 Heavy Duty
3	0.0	1504800	Datsun/Nissan PU Long 4x4
37	0.0	1504900	Datsun/Nissan PU King C 4x2
11	0.0	1504910	Datsun/Nissan PU King C 4x2 SE
37	0.0	1505000	Datsun/Nissan PU King C 4x4
16	0.0	1505010	Datsun/Nissan PU King C 4x4 SE
1	0.0	1505100	Datsun/Nissan Chassis Cab

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1989	Prcnt	Code	Value and Description
11	0.0	1505209	Datsun/Nissan 240 SX 2D XE
21	0.0	1505210	Datsun/Nissan 240 SX 2D SE
3	0.0	1505400	Datsun/Nissan Axxess SW 2WD
931	0.3	1600000	Toyota Unknown Series Model
1	0.0	1600100	Toyota Land Cruiser 2D 4x4
14	0.0	1600200	Toyota Land Cruiser 4D 4x4
1	0.0	1600300	Toyota Corolla Sedan 2WD
538	0.2	1600310	Toyota Corolla Sedan 2WD Deluxe
141	0.0	1600313	Toyota Corolla Sedan 2WD LE (Luxury Edition)
1	0.0	1600318	Toyota Corolla Sedan 2WD LTD
54	0.0	1600410	Toyota Corolla SW 2WD Deluxe
10	0.0	1600713	Toyota Corona Sedan LE (Luxury Edition)
132	0.0	1601014	Toyota Celica 2D 2WD ST
385	0.1	1601015	Toyota Celica 2D 2WD GT
92	0.0	1601017	Toyota Celica GT-S
6	0.0	1601210	Toyota Corona SW Deluxe
448	0.1	1601300	Toyota Pickup Short 1/2T 4x2
12	0.0	1601310	Toyota Pickup Short 1/2T 4x2 Deluxe
9	0.0	1601316	Toyota Pickup Short 1/2T 4x2 SR5 Sport
44	0.0	1601400	Toyota Pickup Long 1/2T 4x2
125	0.0	1601410	Toyota Pickup Long 1/2T 4x2 Deluxe
31	0.0	1601416	Toyota Pickup Long 1/2T 4x2 SR5 Sport
64	0.0	1601500	Toyota Cressida 4D
52	0.0	1601513	Toyota Cressida 4D LE (Luxury Edition)
1	0.0	1601600	Toyota Cressida SW
7	0.0	1601613	Toyota Cressida SW LE (Luxury Edition)
315	0.1	1601700	Toyota Pickup SH 1/2T 4x4
88	0.0	1601710	Toyota Pickup SH 1/2T 4x4 Deluxe
23	0.0	1601716	Toyota Pickup SH 1/2T 4x4 SR5 Sport
4	0.0	1601724	Toyota Pickup SH 1/2T 4x4 Turbo
83	0.0	1601810	Toyota Pickup LN 1/2T 4x4 Deluxe
36	0.0	1601816	Toyota Pickup LN 1/2T 4x4 SR5 Sport
85	0.0	1601900	Toyota Celica Supra
316	0.1	1602000	Toyota Corolla Tercel 2D
143	0.0	1602010	Toyota Corolla Tercel 2D Deluxe
24	0.0	1602011	Toyota Corolla Tercel 2D SR5
33	0.0	1602027	Toyota Corolla Tercel 2D EZ
51	0.0	1602100	Toyota Corolla Tercel 4D
113	0.0	1602110	Toyota Corolla Tercel 4D Deluxe
42	0.0	1602200	Toyota Starlet Liftback
29	0.0	1602300	Toyota Corolla 2D
109	0.0	1602310	Toyota Corolla 2D Deluxe
142	0.0	1602311	Toyota Corolla 2D SR5
6	0.0	1602312	Toyota Corolla 2D Deluxe Sport
61	0.0	1602316	Toyota Corolla 2D SR5 Sport
37	0.0	1602317	Toyota Corolla 2D GT-S
16	0.0	1602400	Toyota Pickup Long 3/4T 4x2
3	0.0	1602500	Toyota Tercel SW 4WD
30	0.0	1602510	Toyota Tercel SW 4WD Deluxe
50	0.0	1602511	Toyota Tercel SW 4WD SR5
34	0.0	1602600	Toyota Camry 4D 2WD
323	0.1	1602610	Toyota Camry 4D 2WD Deluxe

Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
234	0.1	1602613	Toyota Camry 4D 2WD LE (Luxury Edition)
27	0.0	1602710	Toyota Tercel SW 2WD Deluxe
18	0.0	1602810	Toyota Van 4x2 Deluxe
28	0.0	1602813	Toyota Van 4x2 LE (Luxury Edition)
42	0.0	1602910	Toyota PU Xtra Cab 1/2T 4x2 Deluxe
5	0.0	1602911	Toyota PU Xtra Cab 1/2T 4x2 SR5
24	0.0	1602916	Toyota PU Xtra Cab 1/2T 4x2 SR5 Sport
81	0.0	1603010	Toyota PU X Cab 1/2T 4x4 Deluxe
58	0.0	1603016	Toyota PU X Cab 1/2T 4x4 SR5 Sport
35	0.0	1603100	Toyota Cargo Van 4x2
14	0.0	1603120	Toyota Cargo Van 4x2 Panel Van
34	0.0	1603200	Toyota 4Runner Truck 4x4
10	0.0	1603210	Toyota 4Runner Truck 4x4 Deluxe
14	0.0	1603211	Toyota 4Runner Truck 4x4 SR5
15	0.0	1603300	Toyota Pickup Long 1T 4x2
13	0.0	1603415	Toyota Celica Conv GT
5	0.0	1603417	Toyota Celica Conv GT-S
57	0.0	1603500	Toyota MR2
17	0.0	1603522	Toyota MR2 T-Bar
4	0.0	1603528	Toyota MR2 Supercharged
6	0.0	1603610	Toyota 4Runner 2D 4x4 Deluxe
15	0.0	1603611	Toyota 4Runner 2D 4x4 SR5
17	0.0	1603616	Toyota 4Runner 2D 4x4 SR5 Sport
2	0.0	1603623	Toyota 4Runner 2D 4x4 SR5 Turbo
30	0.0	1603700	Toyota Supra 2D
12	0.0	1603721	Toyota Supra 2D With Sport Roof
4	0.0	1603724	Toyota Supra 2D Turbo
20	0.0	1603729	Toyota Supra 2D With Sport Roof, Turbo
14	0.0	1603810	Toyota Camry SW Deluxe
9	0.0	1603813	Toyota Camry SW LE (Luxury Edition)
54	0.0	1603900	Toyota Corolla FX 2D
14	0.0	1603925	Toyota Corolla FX 2D FX16
6	0.0	1603926	Toyota Corolla FX 2D FX16 GT-S
2	0.0	1604013	Toyota Van 4x4 LE (Luxury Edition)
1	0.0	1604120	Toyota Cargo Van 4x4 Panel Van
1	0.0	1604200	Toyota PU X Cab LN 1/2T 4x2
43	0.0	1604210	Toyota PU X Cab LN 1/2T 4x2 Deluxe
2	0.0	1604324	Toyota Celica 2D 4WD Turbo
3	0.0	1604413	Toyota Camry 4D 4WD LE (Luxury Edition)
16	0.0	1604500	Toyota Chassis Cab
1	0.0	1604610	Toyota Corolla SW 4WD Deluxe
2	0.0	1604710	Toyota Corolla 4D 4WD Deluxe
3	0.0	1604939	Toyota 4Runner 4D 4x4 SR5 V6
2	0.0	1700000	Capri/Mercur Unknown Series Model
33	0.0	1700200	Capri/Mercur XR4TI 2D
11	0.0	1700300	Capri/Mercur Scorpio 4D
295	0.1	1800000	Mazda Unknown Series Model
167	0.1	1801301	Mazda GLC Sedan FWD
360	0.1	1801600	Mazda RX-7 Coupe
5	0.0	1801602	Mazda RX-7 Coupe Turbo
12	0.0	1801700	Mazda GLC Wagon
466	0.1	1801800	Mazda 626 Sedan

## Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
8	0.0	1801802	Mazda 626 Sedan Turbo
693	0.2	1801900	Mazda B Series STD PU 4x2
136	0.0	1802000	Mazda B Series Long PU 4x2
108	0.0	1802101	Mazda GLC 2D FWD
156	0.0	1802200	Mazda 626/MX-6 2D
84	0.0	1802205	Mazda 626/MX-6 2D MX-6
9	0.0	1802206	Mazda 626/MX-6 2D MX-6 Turbo
1	0.0	1802300	Mazda B2200 DSL STD PU 4x2
13	0.0	1802400	Mazda B2200 DSL Long PU 4x2
147	0.0	1802500	Mazda B Series Cab+ PU 4x2
138	0.0	1802600	Mazda 323 2D 2WD
251	0.1	1802700	Mazda 323 4D 2WD
8	0.0	1802702	Mazda 323 4D 2WD Turbo
1	0.0	1802709	Mazda 323 4D 2WD Protege
12	0.0	1802800	Mazda 323 SW
51	0.0	1802900	Mazda B Series STD PU 4x4
9	0.0	1803000	Mazda B Series Long PU 4x4
3	0.0	1803100	Mazda B Series Cab+ PU 4x4
5	0.0	1803200	Mazda RX-7 Conv
1	0.0	1803302	Mazda 323 2D 4WD Turbo
35	0.0	1803400	Mazda 929 4D
19	0.0	1803600	Mazda MPV Van 2WD
3	0.0	1803800	Mazda MX-5 Miata Conv
78	0.0	1900000	Fiat/Bertone Unknown Series Model
6	0.0	1900400	Fiat/Bertone 124/Spider Conv
7	0.0	1900800	Fiat/Bertone X 1/9
19	0.0	2000000	Volvo Unknown Series Model
16	0.0	2000704	Volvo 240 2D De Luxe (DL)
7	0.0	2000706	Volvo 240 2D Grand Luxe Touring
1	0.0	2000707	Volvo 240 2D DL/GL
5	0.0	2000802	Volvo 240 4D Grand Luxe (GL)
7	0.0	2000804	Volvo 240 4D De Luxe (DL)
11	0.0	2000806	Volvo 240 4D Grand Luxe Touring
134	0.0	2000807	Volvo 240 4D DL/GL
1	0.0	2000809	Volvo 240 4D Turbo
1	0.0	2000904	Volvo 240 SW De Luxe (DL)
1	0.0	2000906	Volvo 240 SW Grand Luxe Touring
50	0.0	2000907	Volvo 240 SW DL/GL
10	0.0	2000908	Volvo 240 SW DL/GLT
3	0.0	2000909	Volvo 240 SW Turbo
4	0.0	2001102	Volvo 260 4D Grand Luxe (GL)
5	0.0	2001105	Volvo 260 4D Grand Luxe Exec (GLE)
11	0.0	2001305	Volvo 760/740 4D Grand Luxe Exec (GLE)
23	0.0	2001310	Volvo 760/740 4D 760 GLE
67	0.0	2001311	Volvo 760/740 4D 740 GLE
1	0.0	2001410	Volvo 760/740 SW 760 GLE
13	0.0	2001411	Volvo 760/740 SW 740 GLE
4	0.0	2001605	Volvo 760 4D Grand Luxe Exec (GLE)
2	0.0	2001609	Volvo 760 4D Turbo
1	0.0	2001617	Volvo 760 4D GLE Turbo
1	0.0	2001709	Volvo 760 SW Turbo
8	0.0	2001802	Volvo 740 4D Grand Luxe (GL)

Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
22	0.0	2001805	Volvo 740 4D Grand Luxe Exec (GLE)
2	0.0	2001809	Volvo 740 4D Turbo
1	0.0	2001817	Volvo 740 4D GLE Turbo
1	0.0	2001902	Volvo 740 SW Grand Luxe (GL)
1	0.0	2001905	Volvo 740 SW Grand Luxe Exec (GLE)
3	0.0	2001909	Volvo 740 SW Turbo
3	0.0	2001917	Volvo 740 SW GLE Turbo
21	0.0	2100000	Audi Unknown Series Model
5	0.0	2100600	Audi 5000 4D 2WD
172	0.1	2100601	Audi 5000 4D 2WD S
11	0.0	2100603	Audi 5000 4D 2WD T
8	0.0	2100604	Audi 5000 4D 2WD CS
41	0.0	2100700	Audi 4000 4D 2WD
45	0.0	2100701	Audi 4000 4D 2WD S
6	0.0	2100800	Audi 4000 2D
5	0.0	2101001	Audi 5000 SW S
18	0.0	2101100	Audi 4000 GT Coupe 2D
13	0.0	2101201	Audi 4000 Quattro 4D 4WD S
4	0.0	2101304	Audi 5000 Quattro 4D 4WD CS
8	0.0	2101500	Audi 80 4D 2WD
1	0.0	2101602	Audi 80 Quattro 4D 4WD 4WD
3	0.0	2101700	Audi 90 4D 2WD
1	0.0	2101802	Audi 90 Quattro 4D 4WD 4WD
2	0.0	2101900	Audi 100 4D 2WD
1	0.0	2102102	Audi 100 Quattro 4D 4WD 4WD
1	0.0	2102200	Audi 200 4D
1	0.0	2102302	Audi 200 Quattro 4D 4WD 4WD
29	0.0	2200000	Dodge/Mitsubishi Unknown Series Model
27	0.0	2200500	Dodge/Mitsubishi Challenger
58	0.0	2200600	Dodge/Mitsubishi Colt 2D
1	0.0	2200601	Dodge/Mitsubishi Colt 2D GT
21	0.0	2200603	Dodge/Mitsubishi Colt 2D Custom
12	0.0	2200604	Dodge/Mitsubishi Colt 2D Deluxe
84	0.0	2200605	Dodge/Mitsubishi Colt 2D E
19	0.0	2200606	Dodge/Mitsubishi Colt 2D DL
3	0.0	2200609	Dodge/Mitsubishi Colt 2D DL/GTS
1	0.0	2200610	Dodge/Mitsubishi Colt 2D DL Turbo
11	0.0	2200700	Dodge/Mitsubishi Colt 4D
4	0.0	2200703	Dodge/Mitsubishi Colt 4D Custom
26	0.0	2200705	Dodge/Mitsubishi Colt 4D E
21	0.0	2200706	Dodge/Mitsubishi Colt 4D DL
9	0.0	2200708	Dodge/Mitsubishi Colt 4D Premier
25	0.0	2200800	Dodge/Mitsubishi Colt Vista SW 2WD
8	0.0	2200900	Dodge/Mitsubishi Conquest 2D
8	0.0	2201000	Dodge/Mitsubishi Colt Vista SW 4WD
33	0.0	2201100	Dodge/Mitsubishi Raider
1	0.0	2201206	Dodge/Mitsubishi Colt SW 2WD DL
1	0.0	2201210	Dodge/Mitsubishi Colt SW 2WD DL Turbo
408	0.1	2300000	Honda Unknown Series Model
72	0.0	2300109	Honda Civic CVCC/CRX 2D CRX HF
130	0.0	2300115	Honda Civic CVCC/CRX 2D CRX
125	0.0	2300116	Honda Civic CVCC/CRX 2D CRX SI

## Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
36	0.0	2300117	Honda Civic CVCC/CRX 2D CRX 1.5
97	0.0	2300200	Honda Civic CVCC 3D
171	0.1	2300201	Honda Civic CVCC 3D DX
12	0.0	2300202	Honda Civic CVCC 3D GL
18	0.0	2300205	Honda Civic CVCC 3D FE
29	0.0	2300206	Honda Civic CVCC 3D S
31	0.0	2300210	Honda Civic CVCC 3D SI
94	0.0	2300300	Honda Civic CVCC SW
3	0.0	2300314	Honda Civic CVCC SW Wagovan
154	0.0	2300600	Honda Accord 2D
29	0.0	2300601	Honda Accord 2D DX
141	0.0	2300603	Honda Accord 2D LX
2	0.0	2300608	Honda Accord 2D SEI
136	0.0	2300611	Honda Accord 2D LXI
403	0.1	2300800	Honda Accord 4D
472	0.2	2300803	Honda Accord 4D LX
1	0.0	2300804	Honda Accord 4D SE
3	0.0	2300807	Honda Accord 4D Special Edition
26	0.0	2300808	Honda Accord 4D SEI
250	0.1	2300811	Honda Accord 4D LXI
3	0.0	2300818	Honda Accord 4D EX
221	0.1	2300900	Honda Prelude 2D
22	0.0	2300921	Honda Prelude 2D 2.0 S
142	0.0	2300922	Honda Prelude 2D 2.0 SI
299	0.1	2301000	Honda Civic 4D
64	0.0	2301001	Honda Civic 4D DX
89	0.0	2301003	Honda Civic 4D LX
18	0.0	2301100	Honda Civic SW 4x4
3	0.0	2400000	Porsche Unknown Series Model
3	0.0	2400200	Porsche 911 Coupe 2WD/4WD
2	0.0	2400300	Porsche 911 Targa 2WD/4WD
1	0.0	2400600	Porsche 924 Coupe
5	0.0	2400602	Porsche 924 Coupe S
2	0.0	2400700	Porsche 928 Coupe
1	0.0	2400702	Porsche 928 Coupe S
28	0.0	2400800	Porsche 944 Coupe
10	0.0	2400801	Porsche 944 Coupe Turbo
4	0.0	2400802	Porsche 944 Coupe S
7	0.0	2400900	Porsche 911 Targa/Cabriolet
30	0.0	2600000	Subaru Unknown Series Model
9	0.0	2601002	Subaru DL/GL SW 4WD DL
110	0.0	2601003	Subaru DL/GL SW 4WD GL
11	0.0	2601006	Subaru DL/GL SW 4WD DL/GL
3	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
2	0.0	2601402	Subaru Brat SUT 2D 4WD DL
15	0.0	2601403	Subaru Brat SUT 2D 4WD GL
8	0.0	2601501	Subaru Hatchback 3D 2WD STD
6	0.0	2601502	Subaru Hatchback 3D 2WD DL
25	0.0	2601503	Subaru Hatchback 3D 2WD GL
3	0.0	2601505	Subaru Hatchback 3D 2WD STD/DL



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1989	Prcnt	Code	Value and Description
2	0.0	2601601	Subaru Hatchback 3D 4WD STD
16	0.0	2601603	Subaru Hatchback 3D 4WD GL
3	0.0	2601605	Subaru Hatchback 3D 4WD STD/DL
21	0.0	2601702	Subaru DL/GL 4D Sedan 2WD DL
76	0.0	2601703	Subaru DL/GL 4D Sedan 2WD GL
12	0.0	2601706	Subaru DL/GL 4D Sedan 2WD DL/GL
4	0.0	2601709	Subaru DL/GL 4D Sedan 2WD GL-10
1	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
8	0.0	2601802	Subaru Hardtop/XT 2D 2WD DL
35	0.0	2601803	Subaru Hardtop/XT 2D 2WD GL
15	0.0	2601804	Subaru Hardtop/XT 2D 2WD GLF
10	0.0	2601807	Subaru Hardtop/XT 2D 2WD DL/GLF
10	0.0	2601810	Subaru Hardtop/XT 2D 2WD GL-10 Turbo
4	0.0	2601813	Subaru Hardtop/XT 2D 2WD XT6
20	0.0	2601902	Subaru DL/GL SW 2WD DL
66	0.0	2601903	Subaru DL/GL SW 2WD GL
6	0.0	2601906	Subaru DL/GL SW 2WD DL/GL
9	0.0	2601909	Subaru DL/GL SW 2WD GL-10
4	0.0	2601910	Subaru DL/GL SW 2WD GL-10 Turbo
1	0.0	2601923	Subaru DL/GL SW 2WD GL/GL Turbo
6	0.0	2602003	Subaru GL 4D 4WD GL
4	0.0	2602008	Subaru GL 4D 4WD GL Turbo
7	0.0	2602010	Subaru GL 4D 4WD GL-10 Turbo
4	0.0	2602103	Subaru Hardtop/XT 2D 4WD GL
1	0.0	2602108	Subaru Hardtop/XT 2D 4WD GL Turbo
4	0.0	2602110	Subaru Hardtop/XT 2D 4WD GL-10 Turbo
4	0.0	2602113	Subaru Hardtop/XT 2D 4WD XT6
4	0.0	2602202	Subaru DL/GL 2D DL
4	0.0	2602203	Subaru DL/GL 2D GL
4	0.0	2602303	Subaru GL 2D 4WD GL
1	0.0	2602308	Subaru GL 2D 4WD GL Turbo
1	0.0	2602311	Subaru GL 2D 4WD RX Turbo
8	0.0	2602402	Subaru XT 2D (2 Seat) 2WD DL
20	0.0	2602502	Subaru Justy 2D 2WD DL
17	0.0	2602503	Subaru Justy 2D 2WD GL
5	0.0	2602612	Subaru Justy 2D 4WD GL/RS
1	0.0	2603315	Subaru Legacy 4D 2WD LS
1	0.0	2603614	Subaru Legacy/Outback SW 4WD L/L+
39	0.0	2700000	Chry/Plym/Mits Unknown Series Model
19	0.0	2700200	Chry/Plym/Mits Sapporo 2D
37	0.0	2700300	Chry/Plym/Mits Champ 2D
17	0.0	2700303	Chry/Plym/Mits Champ 2D Custom
5	0.0	2700305	Chry/Plym/Mits Champ 2D Deluxe
6	0.0	2700400	Chry/Plym/Mits Champ 4D
5	0.0	2700403	Chry/Plym/Mits Champ 4D Custom
11	0.0	2700500	Chry/Plym/Mits Colt 2D
1	0.0	2700502	Chry/Plym/Mits Colt 2D GT
2	0.0	2700503	Chry/Plym/Mits Colt 2D Custom
4	0.0	2700505	Chry/Plym/Mits Colt 2D Deluxe
76	0.0	2700506	Chry/Plym/Mits Colt 2D E
18	0.0	2700507	Chry/Plym/Mits Colt 2D DL

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## Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
1	0.0	2700511	Chry/Plym/Mits Colt 2D DL Turbo
3	0.0	2700600	Chry/Plym/Mits Colt 4D
1	0.0	2700603	Chry/Plym/Mits Colt 4D Custom
23	0.0	2700606	Chry/Plym/Mits Colt 4D E
26	0.0	2700607	Chry/Plym/Mits Colt 4D DL
17	0.0	2700609	Chry/Plym/Mits Colt 4D Premier
16	0.0	2700700	Chry/Plym/Mits Colt Vista SW 2WD
36	0.0	2700800	Chry/Plym/Mits Conquest 2D
1	0.0	2700812	Chry/Plym/Mits Conquest 2D TSI
6	0.0	2700900	Chry/Plym/Mits Colt Vista SW 4WD
1	0.0	2701007	Chry/Plym/Mits Colt SW 2WD DL
4	0.0	2701011	Chry/Plym/Mits Colt SW 2WD DL Turbo
33	0.0	2800000	GMCA/Passport Unknown Series Model
1	0.0	2800200	GMCA/Passport Acadian 4D
1	0.0	2801108	GMCA/Passport Laurentian SW Safari
7	0.0	2801600	GMCA/Passport Parisienne 4D
4	0.0	2801606	GMCA/Passport Parisienne 4D Brougham
1	0.0	2801706	GMCA/Passport Parisienne SW Brougham
2	0.0	2803000	GMCA/Passport Tempest 4D
820	0.3	2900000	Chevrolet/Geo Truck Unknown Series Model
1714	0.5	2900200	Chevrolet/Geo 10/1500 PU 1/2T 4x2/4x4
143	0.0	2900300	Chevrolet/Geo Suburban 1/2T 4D 4x2/4x4
4	0.0	2900305	Chevrolet/Geo Suburban 1/2T 4D 4x2/4x4 Incomplete
3	0.0	2900306	Chevrolet/Geo Suburban 1/2T 4D 4x2/4x4 Truck
1	0.0	2900400	Chevrolet/Geo Blazer 1/2T 2D 4x2/4x4
1	0.0	2900406	Chevrolet/Geo Blazer 1/2T 2D 4x2/4x4 Truck
9	0.0	2900500	Chevrolet/Geo 20/2500 Chassis C 3/4T 4x2/4x4
256	0.1	2900600	Chevrolet/Geo 20/2500 PU 3/4T 4x2/4x4
49	0.0	2900700	Chevrolet/Geo Suburban 3/4T 4D 4x2/4x4
147	0.0	2900800	Chevrolet/Geo 30 Chassis Cab 1T 4x2/4x4
32	0.0	2900900	Chevrolet/Geo 30 Pickup 1T 4x2/4x4
86	0.0	2901000	Chevrolet/Geo Chevan/EXP CG 1500 4x2
8	0.0	2901005	Chevrolet/Geo Chevan/EXP CG 1500 4x2 Incomplete
8	0.0	2901100	Chevrolet/Geo Sportvan 1/2T
194	0.1	2901200	Chevrolet/Geo Chevan/EXP CG 2500 4x2
230	0.1	2901205	Chevrolet/Geo Chevan/EXP CG 2500 4x2 Incomplete
74	0.0	2901300	Chevrolet/Geo Sportvan 3/4T
42	0.0	2901500	Chevrolet/Geo Chevyvan 1T
18	0.0	2901505	Chevrolet/Geo Chevyvan 1T Incomplete
1	0.0	2901600	Chevrolet/Geo Sportvan 1T
28	0.0	2901608	Chevrolet/Geo Sportvan 1T Bus
25	0.0	2901700	Chevrolet/Geo LUV Pickup 4x2
73	0.0	2901801	Chevrolet/Geo Suburban 1/2T 4D 4x4 4-Wheel Drive
1	0.0	2901805	Chevrolet/Geo Suburban 1/2T 4D 4x4 Incomplete
1	0.0	2901806	Chevrolet/Geo Suburban 1/2T 4D 4x4 Truck
202	0.1	2901901	Chevrolet/Geo Blazer 1/2T 4x4 4-Wheel Drive
1	0.0	2901906	Chevrolet/Geo Blazer 1/2T 4x4 Truck
11	0.0	2902001	Chevrolet/Geo Suburban 3/4T 4D 4x4 4-Wheel Drive
2	0.0	2902006	Chevrolet/Geo Suburban 3/4T 4D 4x4 Truck
758	0.2	2902201	Chevrolet/Geo 10/1500 PU 1/2T 4x4 4-Wheel Drive
332	0.1	2902401	Chevrolet/Geo 20/2500 PU 3/4T 4x4 4-Wheel Drive
20	0.0	2902501	Chevrolet/Geo 30 Chassis C 1T 4x4 4-Wheel Drive

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1989	Prcnt	Code	Value and Description
27	0.0	2902601	Chevrolet/Geo 30 Pickup 1T 4x4 4-Wheel Drive
13	0.0	2902701	Chevrolet/Geo LUV Pickup 4x4 4-Wheel Drive
96	0.0	2903000	Chevrolet/Geo El Camino 2D
19	0.0	2904004	Chevrolet/Geo LUV Long Pickup 4x2 Fleetside
2125	0.7	2904100	Chevrolet/Geo S10 Pickup 4x2
297	0.1	2904201	Chevrolet/Geo T10 Pickup 4x4 4-Wheel Drive
126	0.0	2904300	Chevrolet/Geo S10 Blazer 2D 4x2
6	0.0	2904306	Chevrolet/Geo S10 Blazer 2D 4x2 Truck
828	0.3	2904401	Chevrolet/Geo T10 Blazer 2D 4x4 4-Wheel Drive
6	0.0	2904405	Chevrolet/Geo T10 Blazer 2D 4x4 Incomplete
3	0.0	2904406	Chevrolet/Geo T10 Blazer 2D 4x4 Truck
7	0.0	2904500	Chevrolet/Geo S10 Chassis Cab 4x2
362	0.1	2904607	Chevrolet/Geo Astro Van 4x2 MPV
62	0.0	2904705	Chevrolet/Geo Astro Cargo Van 4x2 Incomplete
144	0.0	2904706	Chevrolet/Geo Astro Cargo Van 4x2 Truck
43	0.0	2904800	Chevrolet/Geo S10 PU Ext Cab 4x2
40	0.0	2904901	Chevrolet/Geo T10 PU Ext Cab 4x4 4-Wheel Drive
5	0.0	2905002	Chevrolet/Geo 30/3500 Crew CC 1T 4x2 Bonus/Crew Cab
32	0.0	2905102	Chevrolet/Geo 30/3500 CR PU 1T 4x2 Bonus/Crew Cab
1	0.0	2905203	Chevrolet/Geo 30/3500 CR CC 1T 4x4 Bonus/Crew Cab 4WD
12	0.0	2905303	Chevrolet/Geo 30/3500 CR C PU 1T 4x4 Bonus/Crew Cab 4WD
6	0.0	2905502	Chevrolet/Geo Crew Cab PU 3/4T 4x2 Bonus/Crew Cab
55	0.0	2905600	Chevrolet/Geo Cutaway/RV Cut Van 1T
41	0.0	2905700	Chevrolet/Geo 1500 PU Ext C 1/2T 4x2
18	0.0	2905801	Chevrolet/Geo 1500 PU Ext C 1/2T 4x4 4-Wheel Drive
8	0.0	2905900	Chevrolet/Geo 2500 PU Ext C 3/4T 4x2
12	0.0	2906001	Chevrolet/Geo 2500 PU Ext C 3/4T 4x4 4-Wheel Drive
9	0.0	2906100	Chevrolet/Geo 3500 PU Ext C 1T 4x2
3	0.0	2906201	Chevrolet/Geo 3500 PU Ext C 1T 4x4 4-Wheel Drive
3	0.0	2906500	Chevrolet/Geo 3500 CC 1T 4x2 (C Body)
1	0.0	2906601	Chevrolet/Geo 3500 CC 1T 4x4 (K Body) 4-Wheel Drive
21	0.0	2906700	Chevrolet/Geo 3500 PU 1T 4x2 (C Body)
24	0.0	2906801	Chevrolet/Geo 3500 PU 1T 4x4 (K Body) 4-Wheel Drive
3	0.0	2906900	Chevrolet/Geo Geo Tracker 2D 4x4
1	0.0	2907007	Chevrolet/Geo Lumina APV/Van MPV
26	0.0	2908700	Chevrolet/Geo P30 RV Chassis
929	0.3	3000000	GMC Unknown Series Model
534	0.2	3000200	GMC 1500 Pickup 1/2T 4x2/4x4
45	0.0	3000300	GMC Suburban 1/2T 4D 4x2/4x4
4	0.0	3000307	GMC Suburban 1/2T 4D 4x2/4x4 Truck
4	0.0	3000500	GMC 2500 Chassis C 3/4T 4x2/4x4
87	0.0	3000600	GMC 2500 Pickup 3/4T 4x2/4x4
9	0.0	3000700	GMC Suburban 3/4T 4D 4x2/4x4
84	0.0	3000800	GMC 3500 Chassis Cab 1T 4x2/4x4
10	0.0	3000900	GMC 3500 Pickup 1T 4x2/4x4
42	0.0	3001000	GMC Vandura 1/2T 4x2
1	0.0	3001006	GMC Vandura 1/2T 4x2 Incomplete
72	0.0	3001200	GMC Vandura 3/4T
271	0.1	3001206	GMC Vandura 3/4T Incomplete
15	0.0	3001300	GMC Rally Van 3/4T
13	0.0	3001500	GMC Vandura 1T

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1989	Prcnt	Code	Value and Description
8	0.0	3001506	GMC Vandura 1T Incomplete
3	0.0	3001609	GMC Rally Wagon 1T Bus
17	0.0	3002000	GMC Caballero 2D
24	0.0	3002101	GMC Suburban 1/2T 4D 4x4 4-Wheel Drive
61	0.0	3002201	GMC Jimmy 1/2T 2D 4x4 4-Wheel Drive
1	0.0	3002207	GMC Jimmy 1/2T 2D 4x4 Truck
3	0.0	3002301	GMC Suburban 3/4T 4D 4x4 4-Wheel Drive
224	0.1	3002601	GMC 1500 Pickup 1/2T 4x4 4-Wheel Drive
95	0.0	3002801	GMC 2500 Pickup 3/4T 4x4 4-Wheel Drive
13	0.0	3002901	GMC 3500 Chass C 1T 4x4 4-Wheel Drive
15	0.0	3003001	GMC 3500 Pickup 1T 4x4 4-Wheel Drive
46	0.0	3004000	GMC Cutaway/RV Cut Van 1T
488	0.2	3004100	GMC S15/Sonoma Pickup 4x2
60	0.0	3004201	GMC T15/Sonoma Pickup 4x4 4-Wheel Drive
39	0.0	3004300	GMC S15 Jimmy 2D 4x2
2	0.0	3004307	GMC S15 Jimmy 2D 4x2 Truck
236	0.1	3004401	GMC T15 Jimmy 2D 4x4 4-Wheel Drive
2	0.0	3004407	GMC T15 Jimmy 2D 4x4 Truck
3	0.0	3004500	GMC S15 Chassis Cab 4x2
78	0.0	3004608	GMC Safari Van 4x2 MPV
67	0.0	3004706	GMC Safari Cargo Van 4x2 Incomplete
46	0.0	3004707	GMC Safari Cargo Van 4x2 Truck
15	0.0	3004800	GMC S15/Sonoma PU Ext Cab 4x2
12	0.0	3004901	GMC T15/Sonoma PU Ext Cab 4x4 4-Wheel Drive
5	0.0	3005003	GMC 3500 Crew C Chass 1T 4x2 Crew/Bonus Cab
13	0.0	3005103	GMC 3500 Crew PU 1T 4x2 Crew/Bonus Cab
4	0.0	3005304	GMC 3500 Crew PU 1T 4x4 Crew/Bonus Cab 4WD
1	0.0	3005403	GMC 2500 Crew Chass 3/4T 4x2 Crew/Bonus Cab
2	0.0	3005503	GMC 2500 Crew PU 3/4T 4x2 Crew/Bonus Cab
12	0.0	3005700	GMC 1500 PU Ext C 1/2T 4x2
9	0.0	3005801	GMC 1500 PU Ext C 1/2T 4x4 4-Wheel Drive
1	0.0	3005900	GMC 2500 PU Ext C 3/4T 4x2
3	0.0	3006001	GMC 2500 PU Ext C 3/4T 4x4 4-Wheel Drive
6	0.0	3006100	GMC 3500 PU Ext C 1T 4x2
1	0.0	3006201	GMC 3500 PU Ext C 1T 4x4 4-Wheel Drive
14	0.0	3006500	GMC 3500 CC 1T 4x2 (C Body)
13	0.0	3006700	GMC 3500 PU 1T 4x2 (C Body)
1	0.0	3006801	GMC 3500 PU 1T 4x4 (K Body) 4-Wheel Drive
1246	0.4	3100000	Ford Truck Unknown Series Model
4	0.0	3100101	Ford E100 Econo Club Wagon Club Wagon
73	0.0	3100201	Ford E150 Econo Club Wagon Club Wagon
2	0.0	3100208	Ford E150 Econo Club Wagon Super Club Wagon
33	0.0	3100401	Ford E250 Econo Club Wagon Club Wagon
1	0.0	3100408	Ford E250 Econo Club Wagon Super Club Wagon
88	0.0	3100608	Ford E350 Econo Club Wagon Super Club Wagon
220	0.1	3100700	Ford F100 Pickup 4x2
1893	0.6	3100800	Ford F150 Pickup 4x2
340	0.1	3100900	Ford F250 Pickup 4x2
47	0.0	3101000	Ford F350 Pickup 4x2
293	0.1	3101114	Ford Bronco 2D 4x4 4-Wheel Drive
19	0.0	3101202	Ford E100 Econo Cargo Van Cargo Van
4	0.0	3101203	Ford E100 Econo Cargo Van Window Van

Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
2	0.0	3101220	Ford E100 Econo Cargo Van Incomplete
298	0.1	3101302	Ford E150 Econo Cargo Van Cargo Van
50	0.0	3101303	Ford E150 Econo Cargo Van Window Van
7	0.0	3101304	Ford E150 Econo Cargo Van Display Van
19	0.0	3101309	Ford E150 Econo Cargo Van Super Cargo Van
4	0.0	3101310	Ford E150 Econo Cargo Van Super Window Van
330	0.1	3101320	Ford E150 Econo Cargo Van Incomplete
113	0.0	3101402	Ford E250 Econo Cargo Van Cargo Van
9	0.0	3101403	Ford E250 Econo Cargo Van Window Van
4	0.0	3101404	Ford E250 Econo Cargo Van Display Van
24	0.0	3101409	Ford E250 Econo Cargo Van Super Cargo Van
2	0.0	3101410	Ford E250 Econo Cargo Van Super Window Van
3	0.0	3101420	Ford E250 Econo Cargo Van Incomplete
74	0.0	3101502	Ford E350 Econo Cargo Van Cargo Van
6	0.0	3101503	Ford E350 Econo Cargo Van Window Van
4	0.0	3101504	Ford E350 Econo Cargo Van Display Van
39	0.0	3101509	Ford E350 Econo Cargo Van Super Cargo Van
5	0.0	3101510	Ford E350 Econo Cargo Van Super Window Van
56	0.0	3101520	Ford E350 Econo Cargo Van Incomplete
11	0.0	3102000	Ford F250 Chassis C 4x2
251	0.1	3102100	Ford F350 Chassis C 4x2
872	0.3	3102214	Ford F150 Pickup 4x4 4-Wheel Drive
527	0.2	3102414	Ford F250 Pickup 4x4 4-Wheel Drive
30	0.0	3102514	Ford F350 Chassis C 4x4 4-Wheel Drive
29	0.0	3102614	Ford F350 Pickup 4x4 4-Wheel Drive
1	0.0	3102714	Ford F250 Chassis C 4x4 4-Wheel Drive
1673	0.5	3102800	Ford Ranger Pickup 4x2
462	0.1	3102914	Ford Ranger Pickup 4x4 4-Wheel Drive
695	0.2	3103100	Ford Bronco II 2D 4x4
513	0.2	3103217	Ford Aerostar Van 4x2 Window Wagon
51	0.0	3103302	Ford Aerostar Cargo V 4x2 Cargo Van
18	0.0	3103303	Ford Aerostar Cargo V 4x2 Window Van
14	0.0	3103320	Ford Aerostar Cargo V 4x2 Incomplete
30	0.0	3103400	Ford Bronco II 2D 4x2
75	0.0	3103705	Ford E350 Cutaway/Chassis Van Cutaway
8	0.0	3103716	Ford E350 Cutaway/Chassis Van Stripped Chassis
114	0.0	3103807	Ford E350 RV Cutaway Van RV Cutaway
1	0.0	3103819	Ford E350 RV Cutaway Van RV Chassis
1	0.0	3103906	Ford E350 Parcel Van Parcel Delivery Van
140	0.0	3104012	Ford F150 Super PU 4x2 Super Pickup 4x2
92	0.0	3104112	Ford F250 Super PU 4x2 Super Pickup 4x2
5	0.0	3104212	Ford F350 Super PU 4x2 Super Pickup 4x2
48	0.0	3104315	Ford F350 Crew C PU 4x2 Crew Cab
61	0.0	3104413	Ford F150 Super PU 4x4 Super Pickup 4x4
51	0.0	3104513	Ford F250 Super PU 4x4 Super Pickup 4x4
9	0.0	3104615	Ford F350 Crew C PU 4x4 Crew Cab
217	0.1	3104718	Ford Ranger Super PU 4x2 Super Cab
175	0.1	3104818	Ford Ranger Super PU 4x4 Super Cab
46	0.0	3105000	Ford F-Super Duty C C 4x2
31	0.0	3105117	Ford Aerostar Ext Van 4x2 Window Wagon
204	0.1	3200000	Dodge Truck Unknown Series Model
193	0.1	3201100	Dodge Ram50/D50 PU SH 4x2

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## Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
12	0.0	3201103	Dodge Ram50/D50 PU SH 4x2 Sport
22	0.0	3201111	Dodge Ram50/D50 PU SH 4x2 Royal
37	0.0	3201203	Dodge AD150 Ramcharger 2D 4x2 Sport
118	0.0	3201303	Dodge AW150 Ramcharger 2D 4x4 Sport
39	0.0	3201410	Dodge B150/B1500 Van Wagon
78	0.0	3201610	Dodge B250/B2500 Van Wagon
19	0.0	3201708	Dodge B150/B1500 CG Van Incomplete
62	0.0	3201709	Dodge B150/B1500 CG Van Truck
117	0.0	3201908	Dodge B250/B2500 CG Van Incomplete
83	0.0	3201909	Dodge B250/B2500 CG Van Truck
93	0.0	3202007	Dodge B350/B3500 Van Bus
1	0.0	3202008	Dodge B350/B3500 Van Incomplete
4	0.0	3202010	Dodge B350/B3500 Van Wagon
3	0.0	3202108	Dodge B350/B3500 CG Van Incomplete
27	0.0	3202109	Dodge B350/B3500 CG Van Truck
649	0.2	3202404	Dodge D100/D150 Pickup Conventional Cab
3	0.0	3202504	Dodge D250 Chassis Cab 4x2 Conventional Cab
63	0.0	3202604	Dodge D250 Pickup 4x2 Conventional Cab
15	0.0	3202704	Dodge D350 Chassis Cab 4x2 Conventional Cab
18	0.0	3202804	Dodge D350 Pickup 4x2 Conventional Cab
218	0.1	3202904	Dodge W100/W150 Pickup 4x4 Conventional Cab
89	0.0	3203104	Dodge W250 Pickup 4x4 Conventional Cab
4	0.0	3203204	Dodge W350 Chassis Cab 4x4 Conventional Cab
14	0.0	3203304	Dodge W350 Pickup 4x4 Conventional Cab
16	0.0	3203400	Dodge Rampage Pickup 4x2
5	0.0	3203403	Dodge Rampage Pickup 4x2 Sport
4	0.0	3203412	Dodge Rampage Pickup 4x2 GT
67	0.0	3203500	Dodge Ram50/D50 PU SH 4x4
14	0.0	3203503	Dodge Ram50/D50 PU SH 4x4 Sport
14	0.0	3203511	Dodge Ram50/D50 PU SH 4x4 Royal
86	0.0	3203617	Dodge Caravan CG Van 2WD Mini Ram Van
9	0.0	3203618	Dodge Caravan CG Van 2WD Caravan C/V
2	0.0	3203620	Dodge Caravan CG Van 2WD Royal
98	0.0	3203700	Dodge Caravan Van 2WD
261	0.1	3203713	Dodge Caravan Van 2WD SE
138	0.0	3203714	Dodge Caravan Van 2WD LE
287	0.1	3203900	Dodge Dakota Pickup 4x2
11	0.0	3203903	Dodge Dakota Pickup 4x2 Sport
113	0.0	3204000	Dodge Dakota Pickup 4x4
13	0.0	3204003	Dodge Dakota Pickup 4x4 Sport
37	0.0	3204100	Dodge Ram 50 PU Long 4x2
11	0.0	3204115	Dodge Ram 50 PU Long 4x2 Custom
9	0.0	3204200	Dodge Ram 50 PU Long 4x4
2	0.0	3204215	Dodge Ram 50 PU Long 4x4 Custom
1	0.0	3204305	Dodge D150 Club C PU 4x2 2-Door Club Cab
6	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	3205306	Dodge W350 Crew C PU 4x4 Crew Cab
63	0.0	3205413	Dodge Grand Caravan 2WD SE
80	0.0	3205414	Dodge Grand Caravan 2WD LE
7	0.0	3205500	Dodge Ram 50 PU Ext C 4x2
4	0.0	3205503	Dodge Ram 50 PU Ext C 4x2 Sport

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1989	Prcnt	Code	Value and Description
1	0.0	3205615	Dodge Ram 50 PU Ext C 4x4 Custom
6	0.0	3205718	Dodge Caravan Ext Cargo Van 2WD Caravan C/V
1	0.0	3206021	Dodge Dakota Conv PU 4x2 Open Body
103	0.0	3300000	Chry/Plym Truck Unknown Series Model
7	0.0	3300800	Chry/Plym Truck D-50 Arrow PU 4x2
5	0.0	3300801	Chry/Plym Truck D-50 Arrow PU 4x2 Sport
3	0.0	3300802	Chry/Plym Truck D-50 Arrow PU 4x2 Royal
1	0.0	3301100	Chry/Plym Truck PB150 1/2T Van
3	0.0	3301206	Chry/Plym Truck PB250 3/4T Van MPV
1	0.0	3301406	Chry/Plym Truck PB350 1T Van MPV
6	0.0	3301407	Chry/Plym Truck PB350 1T Van Bus
3	0.0	3301600	Chry/Plym Truck Scamp Pickup 4x2
1	0.0	3301603	Chry/Plym Truck Scamp Pickup 4x2 GT
72	0.0	3301700	Chry/Plym Truck Voyager Van 2WD
227	0.1	3301704	Chry/Plym Truck Voyager Van 2WD SE
139	0.0	3301705	Chry/Plym Truck Voyager Van 2WD LE
64	0.0	3301804	Chry/Plym Truck Grand Voyager 2WD SE
77	0.0	3301805	Chry/Plym Truck Grand Voyager 2WD LE
34	0.0	3400000	Jeep Unknown Series Model
25	0.0	3400200	Jeep Wagoneer/Grand Wagoneer 4D 4x4
60	0.0	3400206	Jeep Wagoneer/Grand Wagoneer 4D 4x4 Grand Wagoneer
3	0.0	3400300	Jeep J10 Short Pickup 4x4
3	0.0	3400400	Jeep Cherokee 2D 4x4
2	0.0	3400500	Jeep Cherokee 4D 4x4
12	0.0	3400700	Jeep DJ5/CJ5 Roadster 2D 4x4
161	0.1	3400800	Jeep CJ-7 Roadster 2D 4x4
16	0.0	3400900	Jeep Scrambler Pickup 4x4
41	0.0	3401000	Jeep Wagoneer 4D 4x4
11	0.0	3401008	Jeep Wagoneer 4D 4x4 Limited
4	0.0	3401200	Jeep Comanche PU Long 4x2
14	0.0	3401207	Jeep Comanche PU Long 4x2 Custom
13	0.0	3401300	Jeep Comanche PU Long 4x4
18	0.0	3401307	Jeep Comanche PU Long 4x4 Custom
68	0.0	3401400	Jeep Wrangler 2D SWB 4x4
1	0.0	3401409	Jeep Wrangler 2D SWB 4x4 Laredo
5	0.0	3401410	Jeep Wrangler 2D SWB 4x4 Islander
2	0.0	3401411	Jeep Wrangler 2D SWB 4x4 Sahara
57	0.0	3401500	Jeep Comanche PU Short 4x2
4	0.0	3401505	Jeep Comanche PU Short 4x2 Pioneer
17	0.0	3401600	Jeep Comanche PU Short 4x4
5	0.0	3401605	Jeep Comanche PU Short 4x4 Pioneer
7	0.0	3401701	Jeep J10 Long Pickup 4x4 J10
2	0.0	3401802	Jeep J20 Long Pickup 4x4 J20
4	0.0	3401900	Jeep Cherokee 2D 4x2
6	0.0	3402000	Jeep Cherokee 4D 4x2
87	0.0	3402100	Jeep Cherokee 2D 4x4
3	0.0	3402105	Jeep Cherokee 2D 4x4 Pioneer
1	0.0	3402108	Jeep Cherokee 2D 4x4 Limited
1	0.0	3402109	Jeep Cherokee 2D 4x4 Laredo
236	0.1	3402200	Jeep Cherokee 4D 4x4
9	0.0	3402205	Jeep Cherokee 4D 4x4 Pioneer
12	0.0	3402208	Jeep Cherokee 4D 4x4 Limited

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1989	Prcnt	Code	Value and Description
27	0.0	3402209	Jeep Cherokee 4D 4x4 Laredo
14	0.0	3600000	Mercedes Benz Unknown Series Model
13	0.0	3600100	Mercedes Benz 240 D 4D
2	0.0	3600200	Mercedes Benz 300 CD 2D
15	0.0	3600300	Mercedes Benz 300 D 4D
3	0.0	3600400	Mercedes Benz 300 TD SW
9	0.0	3600701	Mercedes Benz 380 SL Conv Roadster
3	0.0	3600900	Mercedes Benz 380 SEL 4D
11	0.0	3601000	Mercedes Benz 300 SD 4D
4	0.0	3601200	Mercedes Benz 380 SE 4D
4	0.0	3601304	Mercedes Benz 190 D 4D 2.5L
21	0.0	3601403	Mercedes Benz 190 E 4D 2.3L
3	0.0	3601405	Mercedes Benz 190 E 4D 2.6L
2	0.0	3601407	Mercedes Benz 190 E 4D 2.3L 16V
2	0.0	3601500	Mercedes Benz 500 SEL 4D
2	0.0	3601600	Mercedes Benz 500 SEC 2D
17	0.0	3601700	Mercedes Benz 300 E 4D 2WD
10	0.0	3601800	Mercedes Benz 420 SEL 4D
8	0.0	3601900	Mercedes Benz 560 SEL 4D
7	0.0	3602101	Mercedes Benz 560 SL Conv Roadster
5	0.0	3602300	Mercedes Benz 300 SDL 4D
4	0.0	3602400	Mercedes Benz 260 E 4D
1	0.0	3602700	Mercedes Benz 300 SEL 4D
1	0.0	3602800	Mercedes Benz 300 SE 4D
22	0.0	3700000	BMW Unknown Series Model
26	0.0	3700100	BMW 320 I 2D
1	0.0	3700200	BMW 528 I 4D 2WD
1	0.0	3700300	BMW 633 CSI 2D
2	0.0	3700400	BMW 733 I 4D
30	0.0	3700500	BMW 528 E 4D
1	0.0	3700600	BMW 533 I 4D 2WD
30	0.0	3700700	BMW 318 I/318 IS 2D
36	0.0	3700800	BMW 325/325 E/325 ES 2D
17	0.0	3700900	BMW 535 I/535 IS 4D 2WD
2	0.0	3701000	BMW 635 CSI/L6 2D
8	0.0	3701100	BMW 735 I 4D
8	0.0	3701200	BMW 318 I 4D
12	0.0	3701300	BMW 325/325 E 4D
1	0.0	3701400	BMW 524 TD 4D
12	0.0	3701600	BMW 325 I 4D
16	0.0	3701700	BMW 325 I/IS/CI 2D
14	0.0	3701800	BMW 325 I/IS/CI Conv
3	0.0	3701900	BMW M6 2D
1	0.0	3702000	BMW M3/M3 CI 2D
1	0.0	3702100	BMW M5 4D
2	0.0	3702200	BMW 750 IL 4D
2	0.0	3702300	BMW 325 IX 2D 4WD
3	0.0	3702500	BMW 735 IL 4D
4	0.0	3702600	BMW 525 I 4D 2WD
36	0.0	3800000	Renault/Eagle Unknown Series Model
8	0.0	3800100	Renault/Eagle Le Car 2D
1	0.0	3800101	Renault/Eagle Le Car 2D Deluxe



Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
6	0.0	3800201	Renault/Eagle 18I 4D Deluxe
3	0.0	3800301	Renault/Eagle 18I SW Deluxe
2	0.0	3800400	Renault/Eagle Le Car 4D
1	0.0	3800401	Renault/Eagle Le Car 4D Deluxe
10	0.0	3800500	Renault/Eagle Fuego 2D
9	0.0	3800501	Renault/Eagle Fuego 2D Deluxe
35	0.0	3800600	Renault/Eagle Alliance 2D
22	0.0	3800602	Renault/Eagle Alliance 2D L
33	0.0	3800603	Renault/Eagle Alliance 2D DL
3	0.0	3800700	Renault/Eagle Alliance 4D
52	0.0	3800702	Renault/Eagle Alliance 4D L
136	0.0	3800703	Renault/Eagle Alliance 4D DL
4	0.0	3800704	Renault/Eagle Alliance 4D Limited
42	0.0	3800800	Renault/Eagle Encore 2D
23	0.0	3800805	Renault/Eagle Encore 2D S
14	0.0	3800806	Renault/Eagle Encore 2D LS
9	0.0	3800807	Renault/Eagle Encore 2D GS
2	0.0	3800808	Renault/Eagle Encore 2D Electronic
24	0.0	3800905	Renault/Eagle Encore 4D S
29	0.0	3800906	Renault/Eagle Encore 4D LS
3	0.0	3801000	Renault/Eagle Sportwagon
1	0.0	3801102	Renault/Eagle Alliance Conv L
4	0.0	3801103	Renault/Eagle Alliance Conv DL
3	0.0	3801200	Renault/Eagle GTA 2D
8	0.0	3801403	Renault/Eagle Medallion 4D DL
4	0.0	3801409	Renault/Eagle Medallion 4D LX
1	0.0	3801509	Renault/Eagle Medallion SW LX
21	0.0	3801609	Renault/Eagle Premier 4D LX
27	0.0	3801610	Renault/Eagle Premier 4D ES
14	0.0	3801703	Renault/Eagle Summit 4D DL
3	0.0	3801709	Renault/Eagle Summit 4D LX
1	0.0	3801800	Renault/Eagle Talon 2D 2WD
1	0.0	3801816	Renault/Eagle Talon 2D 2WD TSI Turbo
10	0.0	3900000	Saab Unknown Series Model
17	0.0	3900100	Saab 900 2D
30	0.0	3900101	Saab 900 2D S
34	0.0	3900102	Saab 900 2D Turbo
15	0.0	3900200	Saab 900 4D
21	0.0	3900201	Saab 900 4D S
24	0.0	3900202	Saab 900 4D Turbo
2	0.0	3900301	Saab 9000 4D S
16	0.0	3900302	Saab 9000 4D Turbo
4	0.0	3900402	Saab 900 Conv Turbo
1	0.0	4000000	Peugeot Unknown Series Model
35	0.0	4000200	Peugeot 505 4D
3	0.0	4000400	Peugeot 505 SW
2	0.0	4000500	Peugeot 405 4D
1	0.0	4100000	Triumph Unknown Series Model
3	0.0	4200000	Ferrari Unknown Series Model
6	0.0	4400000	Jaguar Unknown Series Model
33	0.0	4400100	Jaguar XJ6 4D
5	0.0	4400101	Jaguar XJ6 4D VDP

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## Variable 175:VINDICATOR - MAKE/MODEL (Continued)

1989	Prcnt	Code	Value and Description
1	0.0	4400104	Jaguar XJ6 4D Sovereign
10	0.0	4400200	Jaguar XJ-S 2D
3	0.0	4400300	Jaguar XJ-SC 2D
1	0.0	4400400	Jaguar XJ-S Conv
1	0.0	4500000	Alfa Romeo Unknown Series Model
5	0.0	4500101	Alfa Romeo Spider Conv Roadster
2	0.0	4500102	Alfa Romeo Spider Conv Veloce
3	0.0	4500103	Alfa Romeo Spider Conv Graduate
2	0.0	4500104	Alfa Romeo Spider Conv Quadrifoglio
1	0.0	4500200	Alfa Romeo GTV6 2D
1	0.0	4500305	Alfa Romeo Milano 4D Green
1	0.0	4500307	Alfa Romeo Milano 4D Gold
1	0.0	4600100	Rolls Royce Silver Spirit 4D
23	0.0	5100000	Mitsubishi Unknown Series Model
36	0.0	5100104	Mitsubishi Starion 2D High/Premium (L/LS)
6	0.0	5100203	Mitsubishi Cordia 2D Medium
38	0.0	5100204	Mitsubishi Cordia 2D High/Premium (L/LS)
8	0.0	5100303	Mitsubishi Tredia 4D Medium
35	0.0	5100304	Mitsubishi Tredia 4D High/Premium (L/LS)
30	0.0	5100401	Mitsubishi Pickup STD 4x2 Mighty Max (Economy)
44	0.0	5100402	Mitsubishi Pickup STD 4x2 Low (S)
3	0.0	5100405	Mitsubishi Pickup STD 4x2 Premium (SPX)
11	0.0	5100406	Mitsubishi Pickup STD 4x2 High (SP)
2	0.0	5100409	Mitsubishi Pickup STD 4x2 Mighty Max Sport
3	0.0	5100501	Mitsubishi Pickup STD 4x4 Mighty Max (Economy)
5	0.0	5100502	Mitsubishi Pickup STD 4x4 Low (S)
3	0.0	5100505	Mitsubishi Pickup STD 4x4 Premium (SPX)
2	0.0	5100506	Mitsubishi Pickup STD 4x4 High (SP)
16	0.0	5100606	Mitsubishi Montero 2D 4x4 High (SP)
6	0.0	5100608	Mitsubishi Montero 2D 4x4 Sport
40	0.0	5100704	Mitsubishi Galant 4D 2WD High/Premium (L/LS)
9	0.0	5100712	Mitsubishi Galant 4D 2WD LS/GS
7	0.0	5100802	Mitsubishi Mirage 2D Low (S)
11	0.0	5100803	Mitsubishi Mirage 2D Medium
8	0.0	5100804	Mitsubishi Mirage 2D High/Premium (L/LS)
3	0.0	5100807	Mitsubishi Mirage 2D Special
5	0.0	5100900	Mitsubishi Mirage 4D
21	0.0	5100904	Mitsubishi Mirage 4D High/Premium (L/LS)
2	0.0	5101009	Mitsubishi PU Long 4x2 Mighty Max Sport
4	0.0	5101200	Mitsubishi Cargo Van
6	0.0	5101300	Mitsubishi Van
4	0.0	5101610	Mitsubishi PU Ext Cab 4x2 Macro Cab
3	0.0	5101804	Mitsubishi Sigma 4D High/Premium (L/LS)
5	0.0	5101900	Mitsubishi Precis 2D
3	0.0	5101913	Mitsubishi Precis 2D LS
2	0.0	5101914	Mitsubishi Precis 2D RS
3	0.0	5102200	Mitsubishi Eclipse 2D 2WD
6	0.0	5102215	Mitsubishi Eclipse 2D 2WD GS
2	0.0	5102324	Mitsubishi Eclipse 2D 4WD GSX Turbo
7	0.0	5300000	Yugo Unknown Series Model
107	0.0	5300101	Yugo Yugo 2D GV
4	0.0	5300102	Yugo Yugo 2D GVS

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1989	Prcnt	Code	Value and Description
22	0.0	5300103	Yugo Yugo 2D GVL
2	0.0	5300104	Yugo Yugo 2D GVX
42	0.0	5400000	Hyundai Unknown Series Model
28	0.0	5400100	Hyundai Excel 4D
153	0.0	5400101	Hyundai Excel 4D GL
91	0.0	5400102	Hyundai Excel 4D GLS
46	0.0	5400200	Hyundai Excel 2D
65	0.0	5400201	Hyundai Excel 2D GL
8	0.0	5400202	Hyundai Excel 2D GLS
11	0.0	5400204	Hyundai Excel 2D GS
12	0.0	5400301	Hyundai Sonata 4D GL
6	0.0	5400302	Hyundai Sonata 4D GLS
23	0.0	5500000	Suzuki Unknown Series Model
143	0.0	5500301	Suzuki Samurai 2D 4x4 Convertible
11	0.0	5500402	Suzuki Samurai Van 2D 4x4 Hardtop
6	0.0	5500700	Suzuki Swift 2D
2	0.0	5500800	Suzuki Swift 4D
31	0.0	5501301	Suzuki Sidekick 2D 4x4 Convertible
3	0.0	5501302	Suzuki Sidekick 2D 4x4 Hardtop
1	0.0	5600200	Maserati Quattroporte 4D
19	0.0	5700000	Acura Unknown Series Model
17	0.0	5700100	Acura Legend 4D
3	0.0	5700102	Acura Legend 4D LS
18	0.0	5700103	Acura Legend 4D Sunroof
15	0.0	5700104	Acura Legend 4D Sunroof + Option
26	0.0	5700106	Acura Legend 4D L
21	0.0	5700201	Acura Integra 2D RS
64	0.0	5700202	Acura Integra 2D LS
5	0.0	5700205	Acura Integra 2D LS Special
2	0.0	5700207	Acura Integra 2D GS
6	0.0	5700301	Acura Integra 4D RS
26	0.0	5700302	Acura Integra 4D LS
2	0.0	5700307	Acura Integra 4D GS
1	0.0	5700400	Acura Legend 2D
2	0.0	5700402	Acura Legend 2D LS
3	0.0	5700403	Acura Legend 2D Sunroof
5	0.0	5700404	Acura Legend 2D Sunroof + Option
8	0.0	5700406	Acura Legend 2D L
7	0.0	5900000	Sterling Unknown Series Model
2	0.0	5900101	Sterling 825/827 4D S
5	0.0	5900102	Sterling 825/827 4D SL
1	0.0	6000000	Land Rover Unknown Series Model
3	0.0	6000100	Land Rover Range Rover 4D SWB 4x4
1	0.0	6100104	Daihatsu Charade 2D CES
1	0.0	6400000	Laforza Unknown Series Model
15	0.0	6500000	Lexus Unknown Series Model
1	0.0	6500200	Lexus ES 250 4D
1	0.0	6600000	Infiniti Unknown Series Model
1	0.0	6600100	Infiniti M30 2D
1	0.0	6700000	Saturn Unknown Series Model
1	0.0	6800000	KIA Unknown Series Model
1	0.0	7400000	Scion Unknown Series Model

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

## VINDICATOR Variable - BodyStyleNumber

1989	Prcnt	Code	Value and Description
223566	71.3	0	No data
302	0.1	20	2 door
949	0.3	21	2 door 2-3 passenger
11093	3.5	22	2 door 4-6 passenger
698	0.2	28	2 door sedan
2	0.0	29	2 door sedan 2-3 passenger
4642	1.5	30	2 door sedan 4-6 passenger
214	0.1	32	2 door hardtop
10	0.0	33	2 door hardtop 2-3 passenger
3996	1.3	34	2 door hardtop 4-6 passenger
4	0.0	36	2 door convertible
70	0.0	37	2 door convertible 2-3 passenger
704	0.2	38	2 door convertible 4-6 passenger
907	0.3	40	3 door
542	0.2	41	3 door 2-3 passenger
14207	4.5	42	3 door 4-6 passenger
11	0.0	46	3 door wagon 4-6 passenger
346	0.1	48	3 door sedan
92	0.0	50	3 door sedan 4-6 passenger
1	0.0	60	4+ door
5652	1.8	62	4+ door 4-6 passenger
370	0.1	64	4+ door wagon
4849	1.5	66	4+ door wagon 4-6 passenger
2369	0.8	67	4+ door wagon 7+ passenger
2138	0.7	68	4+ door sedan
35710	11.4	70	4+ door sedan 4-6 passenger
33	0.0	72	4+ door hardtop

Variable 177	VINDICATOR - VEHTP	Width: 1	Type: Numeric
		Dec: None	Miss: 9

## VINDICATOR Variable - VehicleType

1989	Prcnt	Code	Value and Description
99093	31.6	0	Passenger cars or no data
3814	1.2	1	Vans (All cargo & large passenger vans)
21273	6.8	2	Pickups and chassis cabs
4339	1.4	3	Utility vehicles
2301	0.7	4	Passenger vans
182657	58.3	8	Vehicle type data missing

---

Variable 178	VINDICATOR - SIZE	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

VINDICATOR Variable - VehicleSizeID

1989	Prcnt	Code	Value and Description
195129	62.2	0	Unknown
21751	6.9	1	Mini
41822	13.3	2	Small
22207	7.1	3	Midsize
22855	7.3	4	Large
9713	3.1	5	Very large
0	0.0	6	Unknown
0	0.0	7	Standard

---

Variable 179	VINDICATOR - STYLE CLASS	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

VINDICATOR Variable - VehicleClassID

1989	Prcnt	Code	Value and Description
195129	62.2	0	Missing data
29944	9.6	1	2 door
40810	13.0	2	4 door
4132	1.3	3	Luxury
7402	2.4	4	Sports
2301	0.7	5	Passenger van
20574	6.6	6	Pickup
4336	1.4	8	Utility
3590	1.1	9	Large / cargo van
0	0.0	10	Unknown
5256	1.7	11	Station wagon
0	0.0	12	Specialty car
0	0.0	13	Specialty truck
3	0.0	14	Luxury utility

---

Variable 180	VINDICATOR - WEIGHT	Width: 4	Type: Numeric
		Dec: None	Miss: 0

---

VINDICATOR Variable - CurbWeight

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

1989	Prcnt	Code	Value and Description
194166	61.9	0	Weight data is missing
74	0.0	1555	- Weight in pounds
8	0.0	6014	

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1989 - Vehicle/VIN

---

Variable 181	VINDICATOR - WHLBS	Width: 4	Type: Numeric
		Dec: 1	Miss: None

---

## VINDICATOR Variable - Wheelbase

1989	Prcnt	Code	Value and Description
194143	61.9	0.0	Wheelbase data is missing
154	0.0	79.9	- Wheelbase to nearest tenth of an inch
57	0.0	168.4	

---

Variable 182	VINDICATOR - LENGTH	Width: 4	Type: Numeric
		Dec: 1	Miss: None

---

## VINDICATOR Variable - Length

1989	Prcnt	Code	Value and Description
198777	63.4	0.0	Length data is missing
251	0.1	0.1	
2	0.0	117.0	- Length to nearest tenth of an inch
12	0.0	255.7	

---

Variable 183	VINDICATOR - WIDTH	Width: 4	Type: Numeric
		Dec: 1	Miss: 0.0

---

## VINDICATOR Variable - Width

1989	Prcnt	Code	Value and Description
199435	63.6	0.0	Width data is missing
2	0.0	57.1	- Width to nearest tenth of an inch
118	0.0	88.0	

---

Variable 184	VINDICATOR - HEIGHT	Width: 4	Type: Numeric
		Dec: 1	Miss: 0.0

---

## VINDICATOR Variable - Height

1989	Prcnt	Code	Value and Description
289433	92.3	0.0	Height data is missing
37	0.0	50.8	- Height to nearest tenth of an inch
184	0.1	84.5	

---

Variable 185	VINDICATOR - RSTN	Width: 1	Type: Numeric
		Dec: None	Miss: 0

---

VINDICATOR Variable - RestraintCode

1989	Prcnt	Code	Value and Description
194962	62.2	0	No data
109360	34.9	1	Manual belt
8481	2.7	2	Automatic belt
617	0.2	3	Air bag (driver only)
52	0.0	4	Air bags (driver + passenger)
5	0.0	5	Air bags (driver + passenger + side)

---

Variable 186	VINDICATOR - ATD / DRL	Width: 25	Type: Alphabetic
		Dec: None	Miss: None

---

VINDICATOR Variable - ATDDRLText

---

Variable 187	VINDICATOR - MINHP	Width: 3	Type: Numeric
		Dec: None	Miss: 0

---

VINDICATOR Variable - MinimumHorsepower

1989	Prcnt	Code	Value and Description
202696	64.7	0	Minimum horsepower data missing
16	0.0	43	-
			Minimum horsepower
1	0.0	315	

---

Variable 188	VINDICATOR - MAXHP	Width: 3	Type: Numeric
		Dec: None	Miss: 0

---

VINDICATOR Variable - MaximumHorsepower

1989	Prcnt	Code	Value and Description
202696	64.7	0	Maximum horsepower data missing
12	0.0	43	-
			Maximum horsepower
1	0.0	315	

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---

Variable 189	VINDICATOR - ABS	Width: 3	Type: Numeric
		Dec: None	Miss: 0

---

VINDICATOR Variable - ABSCode

1989	Prcnt	Code	Value and Description
194140	61.9	0	Unknown
110189	35.2	1	Not available
2628	0.8	2	Opt on all wheels
615	0.2	4	STD on all wheels
5200	1.7	5	STD on rear wheels
25	0.0	10	STD on Designer series with V8 engines
17	0.0	11	STD on LSC & Designer series with V8 engines
19	0.0	12	STD on late production models only
23	0.0	13	STD rear wheel ABS on TSi
18	0.0	14	STD rear wheel ABS on ESi-R
79	0.0	15	OPT on Turbo & GXL
6	0.0	16	STD in 2nd half of model year
32	0.0	17	OPT in 2nd half of model year
4	0.0	18	STD on STX, Turbo, Turbo S; OPT on Sti V6
27	0.0	20	OPT on Base; STD on STS
251	0.1	21	OPT on LE V6
69	0.0	22	OPT on GT / Turbo; STD on 4WS
15	0.0	24	OPT on Gli & CARAT
31	0.0	25	STD on SC; OPT on SE
44	0.0	26	OPT on GT-S & All-Trac Turbo
39	0.0	27	OPT on GT
2	0.0	28	OPT on S & Mil6
1	0.0	30	OPT on SE; NA other models
1	0.0	31	OPT on GXE
2	0.0	32	OPT on LX & Turbo

---

Variable 190	VINDICATOR - TRANS	Width: 2	Type: Numeric
		Dec: None	Miss: 0

---

VINDICATOR Variable - TransmissionNumber

1989	Prcnt	Code	Value and Description
307057	98.0	0	Transmission data is missing or not provided
775	0.2	1	- Transmission
14	0.0	14	

---

Variable 191	VINDICATOR - ENGINE	Width: 3	Type: Numeric
		Dec: None	Miss: 0

---

VINDICATOR Variable - EngineNumber



Variable 191:VINDICATOR - ENGINE (Continued)

	1989	Prcnt	Code	Value and Description
198265	63.2		0	Engine data is missing or not provided
862	0.3		1	
			-	Engine
1655	0.5		88	



The PERSON Variables

Variables 201 through 215 describe the persons involved in the accident. They are included in the Person data set. The Person data set contains these variables, along with the accident and vehicle variables on a person level.

Variable 201	PERSON INVOLVEMENT CODE	Width: 1	Type: Numeric
		Dec: None	Miss: None

1989 Prcnt		Code Value and Description	
291944	91.5	1	Driver - motor vehicle
67	0.0	2	Driver - other transport device
1180	0.4	3	Driver - bicycle
23428	7.3	5	Killed or injured passenger - motor vehicle
0	0.0	6	Killed or injured passenger - other transport device
13	0.0	7	Killed or injured passenger - bicycle
2307	0.7	9	Pedestrian

Variable 202	PERSON AGE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

1989 Prcnt		Code Value and Description	
280	0.1	0	Under 12 months
295	0.1	1	-
			Age in years
58	0.0	97	
54	0.0	98	98 years or older
27888	8.7	99	Unknown

Variable 203	PERSON SEX	Width: 1	Type: Numeric
		Dec: None	Miss: 9

1989 Prcnt		Code Value and Description	
172647	54.1	1	Male
114923	36.0	2	Female
31369	9.8	9	Unknown

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---

Variable 204	PERSON SEAT LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

1989 Prcnt	Code Value and Description
260886 81.8	1 Front left
1005 0.3	2 Passenger front center
14834 4.7	3 Passenger front right
1871 0.6	4 Passenger rear left
804 0.3	5 Passenger rear center
2719 0.9	6 Passenger rear right
2307 0.7	7 Pedestrian
1193 0.4	8 Bicyclist
1532 0.5	9 Special vehicle
31788 10.0	99 Unknown

---

Variable 205	PERSON INJURY LEVEL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

---

1989 Prcnt	Code Value and Description
1052 0.3	1 Fatal
9790 3.1	2 Injury - disabling
29028 9.1	3 Injury - evident
29757 9.3	4 Injury - probable
229837 72.1	5 None apparent
19475 6.1	9 Unknown

---

Variable 206	PERSON EJECTION	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

1989 Prcnt	Code Value and Description
279307 87.6	1 None
856 0.3	2 Partial
3222 1.0	3 Total
35554 11.1	9 Unknown / not a vehicle occupant

---

Variable 207	PERSON SEATBELT USAGE	Width: 1	Type: Numeric
		Dec: None	Miss: None

---

1989 Prcnt	Code Value and Description
6721 2.1	1 No seat belts
61244 19.2	2 Seat belts not used
187581 58.8	3 Seat belts used
365 0.1	4 Child restraint
62917 19.7	5 Restraint use unknown / helmet used (motorcycles) /not applicable
111 0.0	6 Seat belt failure

---

Variable 208      PERSON HELMET USAGE      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

---

1989 Prcnt      Code Value and Description

1370	0.4	7	Helmet used
338	0.1	8	Helmet not used
317231	99.5	9	Helmet use unknown (motorcyclists) / other restraint device used / not applicable

---

Variable 209      PEDESTRIAN INTOXICATION      Width: 1      Type: Numeric  
Dec:    None      Miss: 9

---

1989 Prcnt      Code Value and Description

316632	99.3	0	Not a pedestrian
106	0.0	1	Drinking
2	0.0	2	Using drugs
2	0.0	3	Drinking and using drugs
1358	0.4	4	Not drinking or using drugs
839	0.3	9	Unknown

---

Variable 210      PEDESTRIAN ACTIONS      Width: 2      Type: Numeric  
Dec:    None      Miss: 99

---

1989 Prcnt      Code Value and Description

316632	99.3	0	Not a pedestrian
--------	------	---	------------------

\*\*\* At intersection

151	0.0	1	With signal
89	0.0	2	Against signal
320	0.1	3	No signal
41	0.0	4	Diagonally

\*\*\* Not at intersection

330	0.1	5	Behind a parked car
83	0.0	6	Walking with traffic
86	0.0	7	Walking against traffic
53	0.0	8	Getting on or off vehicle
173	0.1	9	Standing in road
65	0.0	10	Pushing or working on vehicle
33	0.0	11	Other working
124	0.0	12	Playing in road
402	0.1	13	Other in road
90	0.0	14	Off road
30	0.0	15	Cross walk marked
237	0.1	99	Unknown

STATE OF MISSOURI  
1989 - Person

Variable 211	PED PROB CONTR CIRC #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## Pedestrian probable contributing circumstances #1

1989 Prcnt	Code	Value and Description
316632 99.3	0	No pedestrian
347 0.1	14	Failed to yield
88 0.0	15	Drinking
2 0.0	16	Drugs
9 0.0	17	Physical impairment
646 0.2	18	Inattention
376 0.1	19	None
0 0.0	88	No selection
839 0.3	99	Unknown

Variable 212	PED PROB CONTR CIRC #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## Pedestrian probable contributing circumstances #2

1989 Prcnt	Code	Value and Description
316632 99.3	0	No pedestrian
0 0.0	14	Failed to yield
20 0.0	15	Drinking
1 0.0	16	Drugs
6 0.0	17	Physical impairment
152 0.0	18	Inattention
0 0.0	19	None
2128 0.7	88	No selection

Variable 213	PED PROB CONTR CIRC #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

## Pedestrian probable contributing circumstances #3

1989 Prcnt	Code	Value and Description
316632 99.3	0	No pedestrian
0 0.0	14	Failed to yield
0 0.0	15	Drinking
1 0.0	16	Drugs
1 0.0	17	Physical impairment
13 0.0	18	Inattention
0 0.0	19	None
2292 0.7	88	No selection

---

Variable 214	PED PROB CONTR CIRC #4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

Pedestrian probable contributing circumstances #4

	1989 Prcnt		Code Value and Description
316632	99.3	0	No pedestrian
	0	0.0	14 Failed to yield
	0	0.0	15 Drinking
	0	0.0	16 Drugs
	0	0.0	17 Physical impairment
	2	0.0	18 Inattention
	0	0.0	19 None
2305	0.7	88	No selection

---

Variable 215	PED PROB CONTR CIRC #5	Width: 2	Type: Numeric
		Dec: None	Miss: 99

---

Pedestrian probable contributing circumstances #5

	1989 Prcnt		Code Value and Description
316632	99.3	0	No pedestrian
	0	0.0	14 Failed to yield
	0	0.0	15 Drinking
	0	0.0	16 Drugs
	0	0.0	17 Physical impairment
	0	0.0	18 Inattention
	0	0.0	19 None
2307	0.7	88	No selection





## Missouri 1989

## Index to Variables and Code Value Names

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

"+" = Many code values for this variable

Item	Var	CV	Variable Name or Code Value
abutment	49	28	Bridge pier or abutment
action	121	*	VEHICLE ACTION #1
action	122	*	VEHICLE ACTION #2
action	123	*	VEHICLE ACTION #3
action	210	*	PEDESTRIAN ACTIONS
acura	174	57	Acura
adair	30	+	Adair
adrian	31	+	Adrian
age	131	*	DRIVER AGE
age	202	*	PERSON AGE
agency	2	*	SUBMITTING AGENCY
agency	11	*	AGENCY COMPLAINT NUMBER
agency	12	*	AGENCY TYPE
air	185	3	Air bag (driver only)
alabama	107	1	Alabama
alabama	134	1	Alabama
alaska	107	2	Alaska
alaska	134	2	Alaska
alfa	174	45	Alfa Romeo
alignment	43	*	ROADWAY ALIGNMENT
alphabetic	172	1	That VINDICATOR has made some change to
alteration	172	0	No alteration has been made
alternate	34	3	U.S. Alternate or Bypass
altsw	172	*	VINDICATOR - ALTSW
ambulance	114	3	Ambulance
amc	174	11	AMC/Eagle
analysis	49	*	DIRECTIONAL ANALYSIS
analysis	50	*	TWO VEHICLE ANALYSIS
angle	49	0	Entering from an angle
angle	50	64	Angle
animal	45	1	Animal
antilock braking system	189	*	VINDICATOR - ABS
anti-theft device	186	*	VINDICATOR - ATD / DRL
apparent	133	5	None apparent
apparent	205	5	None apparent
april	4	4	April
april	9	4	April
arizona	107	3	Arizona
arizona	134	3	Arizona
arkansas	107	4	Arkansas
arkansas	134	4	Arkansas
arrived	23	*	TIME ARRIVED
asphalt	40	2	Asphalt
assigned	51	92	GHQ Assigned
aston	174	48	Aston Martin
asuna	174	28	GMCA/Passport/Asuna
attenuator	49	34	Impact attenuator
audi	174	21	Audi
august	4	8	August
august	9	8	August
automatic	185	2	Automatic belt
automobile	104	1	Automobile - hard top
avanti	174	50	Avanti
avoiding	121	15	Avoiding

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
avoiding	122	15	Avoiding
avoiding	123	15	Avoiding
backed	50	65	Backed into
backing	116	8	Improper backing
backing	117	8	Improper backing
backing	118	8	Improper backing
backing	119	8	Improper backing
backing	120	8	Improper backing
backing	121	11	Backing
backing	122	11	Backing
backing	123	11	Backing
bag	185	3	Air bag (driver only)
barrier	49	31	Concrete traffic barrier
beat	27	*	BEAT/ZONE
beat	54	*	REP OFFICER'S BEAT/ZONE
behind	210	5	Behind a parked car
belt	129	1	No seat belts
belt	185	1	Manual belt
belt	207	1	No seat belts
bentley	174	47	Bentley
benz	174	36	Mercedes Benz
bertone	174	19	Fiat/Bertone
bicycle	103	99	Unknown, bicycle, farm equipment, constr
bicycle	104	9	Bicycle
bicycle	132	8	Bicycle
bicycle	140	2	Non-motorized vehicle (bicycle, farm or
bicycle	201	3	Driver - bicycle
bicyclist	45	2	Bicyclist or pedalcyclist
bicyclist	204	8	Bicyclist
bmw	174	37	BMW
body	104	*	VEHICLE BODY TYPE
body	176	*	VINDICATOR - BODY
brick	40	3	Brick
bridge	49	28	Bridge pier or abutment
buick	174	4	Buick
building	49	32	Building
building	138	4	Building
bulk	111	1	Gases in bulk
burned	109	20	Burned
bus	64	*	SCHOOL BUS INVOLVED
bus	104	5	Bus
business	34	6	U.S. business route, spur, city route, o
bypass	34	3	U.S. Alternate or Bypass
cabs	177	2	Pickups and chassis cabs
cadillac	174	10	Cadillac
california	107	5	California
california	134	5	California
camper	104	10	Self-propelled motor home or camper
capri	174	17	Capri/Merkur
car	49	12	One car parked
car	138	8	Parked cars
car	177	0	Passenger cars or no data
car	179	12	Specialty car
car	210	5	Behind a parked car
cargo	177	1	Vans (All cargo & large passenger vans)
cargo	179	9	Large / cargo van
carrying	111	5	Not carrying hazardous materials

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
change	172	1	That VINDICATOR has made some change to
changing	121	14	Changing lanes
changing	122	14	Changing lanes
changing	123	14	Changing lanes
characters	171	21	VIN contains improper characters
chassis	177	2	Pickups and chassis cabs
chauffeur's	135	2	Chauffeur's license
check	171	-9	Invalid check digit/engine code
chevrolet	174	1	Chevrolet/Geo
child	129	4	Child restraint
child	207	4	Child restraint
chrysler	174	12	Chrysler
circumstance	116	*	DVR PROB CONTR CIRC #1
circumstance	117	*	DVR PROB CONTR CIRC #2
circumstance	118	*	DVR PROB CONTR CIRC #3
circumstance	119	*	DVR PROB CONTR CIRC #4
circumstance	120	*	DVR PROB CONTR CIRC #5
circumstance	211	*	PED PROB CONTR CIRC #1
circumstance	212	*	PED PROB CONTR CIRC #2
circumstance	213	*	PED PROB CONTR CIRC #3
circumstance	214	*	PED PROB CONTR CIRC #4
circumstance	215	*	PED PROB CONTR CIRC #5
city	34	6	U.S. business route, spur, city route, o
class	33	*	AREA CLASS
class	34	*	HIGHWAY CLASS
class	179	*	VINDICATOR - STYLE CLASS
clear	42	1	Clear
close	116	6	Following too close
close	117	6	Following too close
close	118	6	Following too close
close	119	6	Following too close
close	120	6	Following too close
cloudy	42	2	Cloudy
code	171	-9	Invalid check digit/engine code
code	201	*	PERSON INVOLVEMENT CODE
color	105	*	VEHICLE COLOR #1
color	106	*	VEHICLE COLOR #2
colorado	107	6	Colorado
colorado	134	6	Colorado
complaint	11	*	AGENCY COMPLAINT NUMBER
concrete	40	1	Concrete
concrete	49	31	Concrete traffic barrier
condition	39	*	LIGHT CONDITIONS
condition	41	*	ROAD CONDITIONS
condition	42	*	WEATHER CONDITIONS
condition	116	2	Speed - too fast for conditions
condition	117	2	Speed - too fast for conditions
condition	118	2	Speed - too fast for conditions
condition	119	2	Speed - too fast for conditions
condition	120	2	Speed - too fast for conditions
conflict	171	61	VIN model year / pattern conflict
connecticut	107	7	Connecticut
connecticut	134	7	Connecticut
construction	103	99	Unknown, bicycle, farm equipment, constr
construction	104	12	Construction equipment
construction	124	8	Construction zone
construction	140	2	Non-motorized vehicle (bicycle, farm or

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
contributing	116	*	DVR PROB CONTR CIRC #1
contributing	117	*	DVR PROB CONTR CIRC #2
contributing	118	*	DVR PROB CONTR CIRC #3
contributing	119	*	DVR PROB CONTR CIRC #4
contributing	120	*	DVR PROB CONTR CIRC #5
contributing	211	*	PED PROB CONTR CIRC #1
contributing	212	*	PED PROB CONTR CIRC #2
contributing	213	*	PED PROB CONTR CIRC #3
contributing	214	*	PED PROB CONTR CIRC #4
contributing	215	*	PED PROB CONTR CIRC #5
control	124	*	TRAFFIC CONTROL
convertible	104	2	Automobile - convertible
convertible	176	16	Convertible
county	30	*	COUNTY
county	34	11	County road
crash	125	*	PRE CRASH DIR TRAVEL
crest	44	3	Crest
crest	138	7	Hill crest
cross	121	16	Cross over median
cross	122	16	Cross over median
cross	123	16	Cross over median
cross	210	15	Cross walk marked
culvert	49	26	Culvert or ditch
curb	49	29	Curb or wall
curve	43	2	Curve
daewoo	174	70	Daewoo
daihatsu	174	61	Daihatsu
damage	14	5	Property damage
damage	109	*	INITIAL VEH DAMAGE
dark	39	2	Dark - street lights on
date	3	*	ACCIDENT DATE - YEAR
date	4	*	ACCIDENT DATE - MONTH
date	5	*	ACCIDENT DATE - DAY
date	8	*	REPORT DATE - YEAR
date	9	*	REPORT DATE - MONTH
date	10	*	REPORT DATE - DAY
datsum	174	15	Datsun/Nissan
day	5	*	ACCIDENT DATE - DAY
day	10	*	REPORT DATE - DAY
day	13	*	DAY OF WEEK
daylight	39	1	Daylight
daytime running lights	186	*	VINDICATOR - ATD / DRL
december	4	12	December
december	9	12	December
decoded	171	99	VIN not decoded / no VIN
defect	60	*	VEHICLE DEFECT ACCIDENT
defect	116	13	Vehicle defects
defect	117	13	Vehicle defects
defect	118	13	Vehicle defects
defect	119	13	Vehicle defects
defect	120	13	Vehicle defects
delaware	107	8	Delaware
delaware	134	8	Delaware
delorean	174	49	Delorean
device	103	99	Unknown, bicycle, farm equipment, constr
device	104	13	Other transport devices
device	130	9	Helmet use unknown (motorcycle) or other

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
device	201	2	Driver - other transport device
device	208	9	Helmet use unknown (motorcyclists) / oth
diagonally	210	4	Diagonally
digit	171	-9	Invalid check digit/engine code
direction	49	1	Going same direction - both straight
direction	125	*	PRE CRASH DIR TRAVEL
directional	49	*	DIRECTIONAL ANALYSIS
dirt	40	5	Dirt or sand
disabling	14	2	Personal injury - disabling major
disabling	133	2	Injury - disabling major
disabling	205	2	Injury - disabling
district	28	*	DISTRICT OR PRECINCT
district of columbia	107	9	District of Columbia
district of columbia	134	9	District of Columbia
ditch	49	26	Culvert or ditch
dodge	174	7	Dodge
door	176	20	2 door
door	179	1	2 door
double	34	9	Double state lettered
drink	58	*	DRINK DRIVER RELATED ACC
drinking	116	15	Drinking
drinking	117	15	Drinking
drinking	118	15	Drinking
drinking	119	15	Drinking
drinking	120	15	Drinking
drinking	139	1	Driver drinking
drinking	209	1	Drinking
drinking	211	15	Drinking
drinking	212	15	Drinking
drinking	213	15	Drinking
drinking	214	15	Drinking
drinking	215	15	Drinking
driver	6	2	Vehicle/Driver
driver	58	*	DRINK DRIVER RELATED ACC
driver	59	*	DRUG DRIVER RELATED ACC
driver	61	*	DRIVER EJECTION ACCIDENT
driver	62	*	DRIVER UNDER 21 INVOLVED
driver	63	*	DRIVER UNDER 25 INVOLVED
driver	116	99	Driver violation unknown
driver	117	99	Driver violation unknown
driver	118	99	Driver violation unknown
driver	119	99	Driver violation unknown
driver	120	99	Driver violation unknown
driver	126	*	DRIVER STATUS
driver	127	*	DRIVER SEX
driver	128	*	DRIVER EJECTION
driver	129	*	DRIVER SEATBELT USAGE
driver	130	*	DRIVER HELMET USAGE
driver	131	*	DRIVER AGE
driver	132	*	DRIVER SEAT LOCATION
driver	133	*	DRIVER PERSONAL INJURY
driver	134	*	DRIVER LICENSE STATE
driver	135	*	DRIVER LICENSE TYPE
driver	136	0	No driver
driver	137	*	DRIVER INSURED
driver	138	*	DRIVER VISION OBSCURED
driver	139	*	DRIVER INTOXICATION

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
driver	185	3	Air bag (driver only)
driver	201	1	Driver - motor vehicle
driveway	49	16	One car entering driveway
drug	59	*	DRUG DRIVER RELATED ACC
drug	116	16	Drugs
drug	117	16	Drugs
drug	118	16	Drugs
drug	119	16	Drugs
drug	120	16	Drugs
drug	139	2	Driver using drugs
drug	209	2	Using drugs
drug	211	16	Drugs
drug	212	16	Drugs
drug	213	16	Drugs
drug	214	16	Drugs
drug	215	16	Drugs
dry	41	1	Dry
dsn	53	*	REPORTING OFFICER'S DSN
dsn	56	*	REVIEWING OFFICER'S DSN
dvr	116	*	DVR PROB CONTR CIRC #1
dvr	117	*	DVR PROB CONTR CIRC #2
dvr	118	*	DVR PROB CONTR CIRC #3
dvr	119	*	DVR PROB CONTR CIRC #4
dvr	120	*	DVR PROB CONTR CIRC #5
dvr	136	*	DVR MOTORCYCLE QUALIFIED
eagle	174	11	AMC/Eagle
east	125	3	East
ejection	61	*	DRIVER EJECTION ACCIDENT
ejection	128	*	DRIVER EJECTION
ejection	206	*	PERSON EJECTION
electric	69	*	ELECTRIC SIGNAL INVOLVED
electric	124	2	Electric signal
embankment	49	21	Embankment
embankment	138	5	Embankment
emergency	70	*	EMERGENCY VEH INVOLVED
emergency	114	*	EMERGENCY VEH INVOLVED
emergency	115	*	EMER VEH ON EMER RUN
engine	171	-9	Invalid check digit/engine code
engine	191	*	VINDICATOR - ENGINE
entering	49	0	Entering from an angle
equipment	103	99	Unknown, bicycle, farm equipment, constr
equipment	104	12	Construction equipment
equipment	140	2	Non-motorized vehicle (bicycle, farm or
errors	171	01	No errors
evident	14	3	Personal injury - evident
evident	133	3	Injury - evident
evident	205	3	Injury - evident
exact	47	5	Exact middle
exceeding	116	1	Speed - exceeding limit
exceeding	117	1	Speed - exceeding limit
exceeding	118	1	Speed - exceeding limit
exceeding	119	1	Speed - exceeding limit
exceeding	120	1	Speed - exceeding limit
explosive	111	4	Explosives
failed	211	14	Failed to yield
failed	212	14	Failed to yield
failed	213	14	Failed to yield

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
failed	214	14	Failed to yield
failed	215	14	Failed to yield
failure	116	14	Failure to yield
failure	117	14	Failure to yield
failure	118	14	Failure to yield
failure	119	14	Failure to yield
failure	120	14	Failure to yield
failure	129	6	Seat belt failure
failure	207	6	Seat belt failure
farm	103	99	Unknown, bicycle, farm equipment, constr
farm	104	11	Farm implements
farm	140	2	Non-motorized vehicle (bicycle, farm or
fast	116	2	Speed - too fast for conditions
fast	117	2	Speed - too fast for conditions
fast	118	2	Speed - too fast for conditions
fast	119	2	Speed - too fast for conditions
fast	120	2	Speed - too fast for conditions
fatal	14	1	Fatal
fatal	133	1	Fatal
fatal	205	1	Fatal
february	4	2	February
february	9	2	February
female	127	2	Female
female	203	2	Female
fence	49	24	Fence
ferrari	174	42	Ferrari
fiat	174	19	Fiat/Bertone
fire	49	35	Fire hydrant
fire	114	2	Fire
fixed	45	3	Fixed object
fixed	49	36	Other fixed object
fixed-object	49	98	Not a two-vehicle or fixed-object accide
flagman	124	5	Officer or flagman
florida	107	10	Florida
florida	134	10	Florida
fog	42	7	Fog or mist
following	116	6	Following too close
following	117	6	Following too close
following	118	6	Following too close
following	119	6	Following too close
following	120	6	Following too close
ford	174	2	Ford
form	7	*	LONG OR SHORT FORM
format	171	12	VIN not in U.S. standard format (gray ma
freezing	42	6	Freezing
friday	13	6	Friday
front	109	1	Front center
front	132	1	Front left
front	204	1	Front left
gases	111	1	Gases in bulk
gate	124	3	Railroad signal or gate
gem	174	71	GEM
general	174	69	AM General
geo	174	1	Chevrolet/Geo
georgia	107	11	Georgia
georgia	134	11	Georgia
ghq	51	92	GHQ Assigned

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
gmc	174	30	GMC Truck
gmca	174	28	GMCA/Passport/Asuna
gravel	40	4	Gravel
gray	171	12	VIN not in U.S. standard format (gray ma
guard	49	22	Guard rail
gvw	66	*	TRUCK GVW>26k LBS INVOL
gvw	104	14	Single-unit truck - to 12000 GVW
hard	104	1	Automobile - hard top
hardtop	176	12	Hardtop
hawaii	107	12	Hawaii
hawaii	134	12	Hawaii
hazardous	68	*	HAZ MATERIAL INVOLVED
hazardous	111	*	HAZ MATERIAL INVOLVED
hazardous	112	*	HAZ MATERIAL RELEASE
head	50	60	Head on
height	184	*	VINDICATOR - HEIGHT
helmet	129	5	Restraint use unknown / Helmet used (mot
helmet	130	*	DRIVER HELMET USAGE
helmet	207	5	Restraint use unknown / helmet used (mot
helmet	208	*	PERSON HELMET USAGE
highway	12	+	Highway Patrol
highway	25	*	HIGHWAY PATROL ZONE
highway	26	*	HIGHWAY PATROL TROOP
highway	34	*	HIGHWAY CLASS
highway	35	*	ACC LOCATION - HIGHWAY
highway	36	*	SPEED LIMIT ON STRT/HWY
highway	37	*	SPEED LIMIT AT STRT/HWY
highway	49	27	Highway or traffic sign post or overhead
highway	51	0	Not a Highway Patrol Accident
highway	52	+	Not a Highway Patrol Accident
hill	44	2	Hill
hill	138	7	Hill crest
home	104	10	Self-propelled motor home or camper
honda	174	23	Honda
hood	109	15	Hood
horsepower	187	0	Minimum horsepower data missing
horsepower	188	0	Maximum horsepower data missing
hour	20	*	ACCIDENT HOUR
hp	51	*	HP - REP OFFICER'S ZONE
hp	52	*	HP - REP OFFICER'S TROOP
hydrant	49	35	Fire hydrant
hyundai	174	54	Hyundai
ice	41	4	Ice
idaho	107	13	Idaho
idaho	134	13	Idaho
ierr	171	*	VINDICATOR - IERR
illinois	107	14	Illinois
illinois	134	14	Illinois
impact	49	34	Impact attenuator
impact	110	*	INITIAL IMPACT INDICATOR
impairment	116	17	Physical impairment
impairment	117	17	Physical impairment
impairment	118	17	Physical impairment
impairment	119	17	Physical impairment
impairment	120	17	Physical impairment
impairment	211	17	Physical impairment
impairment	212	17	Physical impairment



## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
impairment	213	17	Physical impairment
impairment	214	17	Physical impairment
impairment	215	17	Physical impairment
implements	104	11	Farm implements
improper	116	3	Improper passing
improper	117	3	Improper passing
improper	118	3	Improper passing
improper	119	3	Improper passing
improper	120	3	Improper passing
improper	171	21	VIN contains improper characters
improperly	116	12	Improperly parked
improperly	117	12	Improperly parked
improperly	118	12	Improperly parked
improperly	119	12	Improperly parked
improperly	120	12	Improperly parked
inappropriate	171	71	Recognized VIN, inappropriate vehicle ty
inattention	116	18	Inattention
inattention	117	18	Inattention
inattention	118	18	Inattention
inattention	119	18	Inattention
inattention	120	18	Inattention
inattention	211	18	Inattention
inattention	212	18	Inattention
inattention	213	18	Inattention
inattention	214	18	Inattention
inattention	215	18	Inattention
indiana	107	15	Indiana
indiana	134	15	Indiana
indicator	110	*	INITIAL IMPACT INDICATOR
infiniti	174	66	Infiniti
information	136	3	License information unknown
initial	109	*	INITIAL VEH DAMAGE
initial	110	*	INITIAL IMPACT INDICATOR
injured	15	*	NUMBER INJURED
injured	201	5	Killed or injured passenger - motor vehi
injury	14	2	Personal injury - disabling major
injury	109	21	Injury / no damage
injury	133	*	DRIVER PERSONAL INJURY
injury	205	*	PERSON INJURY LEVEL
input	171	11	VIN model year / input model year confli
input	172	1	That VINDICATOR has made some change to
insured	137	*	DRIVER INSURED
international	174	35	International
intersection	37	99	Unknown or not at intersection
intersection	47	*	INTERSECTION QUADRANT
intersection	48	*	AT INTERSECTION
interstate	34	1	Interstate
intoxication	139	*	DRIVER INTOXICATION
intoxication	209	*	PEDESTRIAN INTOXICATION
invalid	171	-9	Invalid check digit/engine code
investigated	24	9998	Not investigated at scene
investigation	29	*	AT SCENE INVESTIGATION
invol	66	*	TRUCK GVW>26k LBS INVOL
involved	17	1	One vehicle involved
involved	18	0	No motorized vehicles involved
involved	62	*	DRIVER UNDER 21 INVOLVED
involved	63	*	DRIVER UNDER 25 INVOLVED

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
involved	64	*	SCHOOL BUS INVOLVED
involved	65	*	TRUCK INVOLVED
involved	67	*	MOTORCYCLE INVOLVED
involved	68	*	HAZ MATERIAL INVOLVED
involved	69	*	ELECTRIC SIGNAL INVOLVED
involved	70	*	EMERGENCY VEH INVOLVED
involved	71	*	STOP SIGN INVOLVED
involved	72	*	YIELD SIGN INVOLVED
involved	111	*	HAZ MATERIAL INVOLVED
involved	114	*	EMERGENCY VEH INVOLVED
involved	126	0	No driver involved
iowa	107	16	Iowa
iowa	134	16	Iowa
isuzu	174	14	Opel/Isuzu
jaguar	174	44	Jaguar
january	4	1	January
january	9	1	January
jeep	174	34	Jeep
july	4	7	July
july	9	7	July
june	4	6	June
june	9	6	June
kansas	107	17	Kansas
kansas	134	17	Kansas
kansas city pd	2	+	Kansas City PD
kentucky	107	18	Kentucky
kentucky	134	18	Kentucky
key	171	91	Series / model key not in table
kia	174	68	Kia
killed	16	*	NUMBER KILLED
killed	201	5	Killed or injured passenger - motor vehi
laforza	174	64	Laforza
lamborghini	174	63	Lamborghini
lancia	174	43	Lancia
land	174	60	Land Rover
lane	121	14	Changing lanes
lane	122	14	Changing lanes
lane	123	14	Changing lanes
learner's	135	1	Learner's permit
leaving	49	15	One car leaving parked position
left	19	*	LEFT THE SCENE
left	49	6	Going opposite direction - one turning l
left	109	9	Rear left
left	121	5	Making left turn
left	122	5	Making left turn
left	123	5	Making left turn
left	132	1	Front left
left	204	1	Front left
length	171	11	VIN has zero length
length	182	*	VINDICATOR - LENGTH
lettered	34	8	Single state lettered
level	44	1	Level
level	205	*	PERSON INJURY LEVEL
lexus	174	65	Lexus
license	107	*	VEHICLE LICENSE STATE
license	134	*	DRIVER LICENSE STATE
license	135	*	DRIVER LICENSE TYPE

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
license	136	3	License information unknown
light	39	*	LIGHT CONDITIONS
light	49	25	Street light support
limit	36	*	SPEED LIMIT ON STRT/HWY
limit	37	*	SPEED LIMIT AT STRT/HWY
limit	116	1	Speed - exceeding limit
limit	117	1	Speed - exceeding limit
limit	118	1	Speed - exceeding limit
limit	119	1	Speed - exceeding limit
limit	120	1	Speed - exceeding limit
lincoln	174	13	Lincoln
line	121	17	Cross over center line
line	122	17	Cross over center line
line	123	17	Cross over center line
liquids	111	3	Liquids in bulk
load	138	2	Load on vehicle
log	38	*	LOG POINT
longitudinal	7	*	LONG OR SHORT FORM
loop	34	6	U.S. business route, spur, city route, o
lotus	174	52	Lotus
louisiana	107	19	Louisiana
louisiana	134	19	Louisiana
luxury	179	3	Luxury
made	172	0	No alteration has been made
mailbox	49	30	Mailbox
maine	107	20	Maine
maine	134	20	Maine
major	14	2	Personal injury - disabling major
major	133	2	Injury - disabling major
make	102	*	VEHICLE MAKE
make	171	51	Make code not valid for VIN pattern
make	174	*	VINDICATOR - MAKE
make	175	*	VINDICATOR - MAKE/MODEL
male	127	1	Male
male	203	1	Male
manual	185	1	Manual belt
march	4	3	March
march	9	3	March
marked	210	15	Cross walk marked
martin	174	48	Aston Martin
maryland	107	21	Maryland
maryland	134	21	Maryland
maserati	174	56	Maserati
massachusetts	107	22	Massachusetts
massachusetts	134	22	Massachusetts
match	171	41	VIN does not match any valid pattern
material	68	*	HAZ MATERIAL INVOLVED
material	111	*	HAZ MATERIAL INVOLVED
material	112	*	HAZ MATERIAL RELEASE
maximum	188	0	Maximum horsepower data missing
maximum horsepower	188	*	VINDICATOR - MAXHP
may	4	5	May
may	9	5	May
maybach	174	73	Maybach
mazda	174	18	Mazda
median	121	16	Cross over median
median	122	16	Cross over median

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
median	123	16	Cross over median
meeting	50	62	Sideswipe - meeting
mercedes	174	36	Mercedes Benz
mercury	174	9	Mercury
merkur	174	17	Capri/Merkur
mg	174	25	MG
michigan	107	23	Michigan
michigan	134	23	Michigan
middle	47	5	Exact middle
midnight	20	24	Midnight
midnight	22	2400	Midnight
midnight	23	2400	Midnight
midsize	178	3	Midsize
mini	174	72	Mini
mini	178	1	Mini
minimum	187	0	Minimum horsepower data missing
minimum horsepower	187	*	VINDICATOR - MINHP
minnesota	107	24	Minnesota
minnesota	134	24	Minnesota
minute	21	*	ACCIDENT MINUTE
minute	24	9997	9997 minutes or greater
mississippi	107	25	Mississippi
mississippi	134	25	Mississippi
missouri	107	26	Missouri
missouri	134	26	Missouri
mist	42	7	Fog or mist
mitsubishi	174	22	Dodge/Mitsubishi
model	171	61	VIN model year / pattern conflict
model	175	*	VINDICATOR - MAKE/MODEL
monday	13	2	Monday
montana	107	27	Montana
montana	134	27	Montana
month	4	*	ACCIDENT DATE - MONTH
month	9	*	REPORT DATE - MONTH
month	202	0	Under 12 months
moped	104	8	Moped
motor	45	7	Motor vehicle in transport
motor	104	10	Self-propelled motor home or camper
motor	201	1	Driver - motor vehicle
motorcycle	67	*	MOTORCYCLE INVOLVED
motorcycle	104	7	Motorcycle
motorcycle	129	5	Restraint use unknown / Helmet used (mot
motorcycle	130	9	Helmet use unknown (motorcycle) or other
motorcycle	135	5	Motorcycle only
motorcycle	136	*	DVR MOTORCYCLE QUALIFIED
motorcycle	207	5	Restraint use unknown / helmet used (mot
motorcyclists	208	9	Helmet use unknown (motorcyclists) / oth
motorized	18	*	NUM MOTORIZED VEHICLES
motorized	140	1	Motorized vehicle
moving	49	10	Going same direction - both moving
moving	138	9	Moving cars
mud	41	5	Mud
multiple	40	6	Multiple surface
multi-unit	104	24	Multi-unit truck - to 12000 GVW
municipality	31	*	MUNICIPALITY
mvi	51	98	MVI
nebraska	107	28	Nebraska

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
nebraska	134	28	Nebraska
nevada	107	29	Nevada
nevada	134	29	Nevada
new hampshire	107	30	New Hampshire
new hampshire	134	30	New Hampshire
new jersey	107	31	New Jersey
new jersey	134	31	New Jersey
new mexico	107	32	New Mexico
new mexico	134	32	New Mexico
new york	107	33	New York
new york	134	33	New York
nissan	174	15	Datsun/Nissan
no driver	134	0	No driver
non-collision	45	10	Non-collision - overturn
non-motorized	140	2	Non-motorized vehicle (bicycle, farm or
north	125	1	North
north carolina	107	34	North Carolina
north carolina	134	34	North Carolina
north dakota	107	35	North Dakota
north dakota	134	35	North Dakota
notified	22	*	TIME NOTIFIED
november	4	11	November
november	9	11	November
number	1	*	ACCIDENT NUMBER
number	11	*	AGENCY COMPLAINT NUMBER
number	15	*	NUMBER INJURED
number	16	*	NUMBER KILLED
number	17	*	NUMBER OF VEHICLES
number	18	*	NUM MOTORIZED VEHICLES
number	101	*	VEHICLE NUMBER
numbered	34	4	State numbered route
numeric	172	1	That VINDICATOR has made some change to
object	45	3	Fixed object
object	49	36	Other fixed object
obscured	138	*	DRIVER VISION OBSCURED
occupant	206	9	Unknown / not a vehicle occupant
october	4	10	October
october	9	10	October
officer	124	5	Officer or flagman
officer's	51	*	HP - REP OFFICER'S ZONE
officer's	52	*	HP - REP OFFICER'S TROOP
officer's	53	*	REPORTING OFFICER'S DSN
officer's	54	*	REP OFFICER'S BEAT/ZONE
officer's	55	*	REPORT OFFICER'S TROOP
officer's	56	*	REVIEWING OFFICER'S DSN
ohio	107	36	Ohio
ohio	134	36	Ohio
oklahoma	107	37	Oklahoma
oklahoma	134	37	Oklahoma
older	131	98	98 and older
older	202	98	98 years or older
oldsmobile	174	6	Oldsmobile
one-way	116	10	Wrong way on a one-way street
one-way	117	10	Wrong way on a one-way street
one-way	118	10	Wrong way on a one-way street
one-way	119	10	Wrong way on a one-way street
one-way	120	10	Wrong way on a one-way street

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
opel	174	14	Opel/Isuzu
operated	126	1	Known driver operated vehicle
operator's	135	3	Operator's license
opposite	49	5	Going opposite direction - both straight
oregon	107	38	Oregon
oregon	134	38	Oregon
outer	34	10	Outer road
overhead	49	27	Highway or traffic sign post or overhead
overtaking	121	2	Overtaking
overtaking	122	2	Overtaking
overtaking	123	2	Overtaking
overturn	45	10	Non-collision - overturn
panther	174	62	Panther
park	116	11	Improper start from park
park	117	11	Improper start from park
park	118	11	Improper start from park
park	119	11	Improper start from park
park	120	11	Improper start from park
parked	45	9	Parked motor vehicle
parked	49	12	One car parked
parked	116	12	Improperly parked
parked	117	12	Improperly parked
parked	118	12	Improperly parked
parked	119	12	Improperly parked
parked	120	12	Improperly parked
parked	121	10	Starting from parked
parked	122	10	Starting from parked
parked	123	10	Starting from parked
parked	138	8	Parked cars
parked	210	5	Behind a parked car
partial	128	2	Partial
partial	206	2	Partial
passenger	132	2	Passenger front center
passenger	176	1	2-3 passenger
passenger	177	0	Passenger cars or no data
passenger	179	5	Passenger van
passenger	185	4	Air bags (driver + passenger)
passenger	201	5	Killed or injured passenger - motor vehi
passenger	204	2	Passenger front center
passing	50	63	Sideswipe - passing
passing	116	3	Improper passing
passing	117	3	Improper passing
passing	118	3	Improper passing
passing	119	3	Improper passing
passing	120	3	Improper passing
passing	124	6	No passing zone
passport	174	28	GMCA/Passport/Asuna
patrol	12	+	Highway Patrol
patrol	25	*	HIGHWAY PATROL ZONE
patrol	26	*	HIGHWAY PATROL TROOP
patrol	51	0	Not a Highway Patrol Accident
patrol	52	+	Not a Highway Patrol Accident
pattern	171	41	VIN does not match any valid pattern
pedalcyclist	45	2	Bicyclist or pedalcyclist
pedestrian	45	5	Pedestrian
pedestrian	201	9	Pedestrian
pedestrian	204	7	Pedestrian

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
pedestrian	209	*	PEDESTRIAN INTOXICATION
pedestrian	210	*	PEDESTRIAN ACTIONS
pedestrian	211	*	PED PROB CONTR CIRC #1
pedestrian	212	*	PED PROB CONTR CIRC #2
pedestrian	213	*	PED PROB CONTR CIRC #3
pedestrian	214	*	PED PROB CONTR CIRC #4
pedestrian	215	*	PED PROB CONTR CIRC #5
pennsylvania	107	39	Pennsylvania
pennsylvania	134	39	Pennsylvania
permit	135	1	Learner's permit
person	6	3	Person
person	15	0	No persons injured
person	16	0	No persons killed
person	201	*	PERSON INVOLVEMENT CODE
person	202	*	PERSON AGE
person	203	*	PERSON SEX
person	204	*	PERSON SEAT LOCATION
person	205	*	PERSON INJURY LEVEL
person	206	*	PERSON EJECTION
person	207	*	PERSON SEATBELT USAGE
person	208	*	PERSON HELMET USAGE
personal	14	2	Personal injury - disabling major
personal	133	*	DRIVER PERSONAL INJURY
peugeot	174	40	Peugeot
physical	116	17	Physical impairment
physical	117	17	Physical impairment
physical	118	17	Physical impairment
physical	119	17	Physical impairment
physical	120	17	Physical impairment
physical	211	17	Physical impairment
physical	212	17	Physical impairment
physical	213	17	Physical impairment
physical	214	17	Physical impairment
physical	215	17	Physical impairment
pickup	177	2	Pickups and chassis cabs
pickup	179	6	Pickup
pier	49	28	Bridge pier or abutment
playing	210	12	Playing in road
plymouth	174	5	Plymouth
pole	49	23	Utility pole
police	114	1	Police
pontiac	174	3	Pontiac
population	32	*	POPULATION
population	33	1	Urban (Population > 4,999)
porsche	174	24	Porsche
position	49	14	One car entering parked position
post	49	27	Highway or traffic sign post or overhead
pound	66	*	TRUCK GVW>26k LBS INVOL
pre	125	*	PRE CRASH DIR TRAVEL
precinct	28	*	DISTRICT OR PRECINCT
probable	14	4	Personal injury - probable
probable	116	*	DVR PROB CONTR CIRC #1
probable	117	*	DVR PROB CONTR CIRC #2
probable	118	*	DVR PROB CONTR CIRC #3
probable	119	*	DVR PROB CONTR CIRC #4
probable	120	*	DVR PROB CONTR CIRC #5
probable	133	4	Injury - probable

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
probable	205	4	Injury - probable
probable	211	*	PED PROB CONTR CIRC #1
probable	212	*	PED PROB CONTR CIRC #2
probable	213	*	PED PROB CONTR CIRC #3
probable	214	*	PED PROB CONTR CIRC #4
probable	215	*	PED PROB CONTR CIRC #5
profile	44	*	ROADWAY PROFILE
proof	137	1	Yes insured, proof shown / not required
property	14	5	Property damage
provided	190	0	Transmission data is missing or not prov
provided	191	0	Engine data is missing or not provided
pushing	210	10	Pushing or working on vehicle
quadrant	47	*	INTERSECTION QUADRANT
qualified	136	*	DVR MOTORCYCLE QUALIFIED
rail	49	22	Guard rail
railroad	124	3	Railroad signal or gate
rain	42	3	Rain
rear	50	61	Rear end
rear	109	5	Right side rear center
rear	132	4	Passenger rear left
rear	204	4	Passenger rear left
recognized	171	71	Recognized VIN, inappropriate vehicle ty
record	6	*	RECORD TYPE
red	121	4	Making right turn on red
red	122	4	Making right turn on red
red	123	4	Making right turn on red
related	57	*	SPEED RELATED ACCIDENT
related	58	*	DRINK DRIVER RELATED ACC
related	59	*	DRUG DRIVER RELATED ACC
release	112	*	HAZ MATERIAL RELEASE
released	68	1	Yes - materials spilled or released
renault	174	38	Renault/Eagle
replaced	172	1	That VINDICATOR has made some change to
report	8	*	REPORT DATE - YEAR
report	9	*	REPORT DATE - MONTH
report	10	*	REPORT DATE - DAY
report	51	*	HP - REP OFFICER'S ZONE
report	52	*	HP - REP OFFICER'S TROOP
report	54	*	REP OFFICER'S BEAT/ZONE
report	55	*	REPORT OFFICER'S TROOP
reporting	53	*	REPORTING OFFICER'S DSN
required	137	1	Yes insured, proof shown / not required
response	24	*	RESPONSE TIME
restraint	129	4	Child restraint
restraint	130	9	Helmet use unknown (motorcycle) or other
restraint	185	*	VINDICATOR - RSTN
restraint	207	4	Child restraint
restraint	208	9	Helmet use unknown (motorcyclists) / oth
restriction	124	7	Turn restrictions
reviewing	56	*	REVIEWING OFFICER'S DSN
rhode island	107	40	Rhode Island
rhode island	134	40	Rhode Island
right	109	2	Front right
right	121	3	Making right turn
right	122	3	Making right turn
right	123	3	Making right turn
right	132	3	Passenger front right



## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
right	204	3	Passenger front right
road	34	10	Outer road
road	40	*	ROAD SURFACE
road	41	*	ROAD CONDITIONS
road	210	9	Standing in road
roadway	43	*	ROADWAY ALIGNMENT
roadway	44	*	ROADWAY PROFILE
roadway	45	8	Motor vehicle on other roadway
roadway	46	*	ON OFF ROADWAY
rolls	174	46	Rolls Royce
romeo	174	45	Alfa Romeo
route	34	4	State numbered route
rover	174	60	Land Rover
royce	174	46	Rolls Royce
run	70	2	Yes - at least one was on an emergency r
run	114	4	Other emergency vehicle on an emergency
run	115	*	EMER VEH ON EMER RUN
runs	70	1	Yes - none were on emergency runs
rural	33	2	Rural (Population < 5,000)
saab	174	39	Saab
sand	40	5	Dirt or sand
saturday	13	7	Saturday
saturn	174	67	Saturn
scene	19	*	LEFT THE SCENE
scene	24	9998	Not investigated at scene
scene	29	*	AT SCENE INVESTIGATION
school	64	*	SCHOOL BUS INVOLVED
school	104	6	School bus
scion	174	74	Scion
seat	129	1	No seat belts
seat	132	*	DRIVER SEAT LOCATION
seat	204	*	PERSON SEAT LOCATION
seat	207	1	No seat belts
seatbelt	129	*	DRIVER SEATBELT USAGE
seatbelt	207	*	PERSON SEATBELT USAGE
sedan	176	8	Sedan
selection	117	0	No selection
selection	118	0	No selection
selection	119	0	No selection
selection	120	0	No selection
selection	122	0	No selection
selection	123	0	No selection
selection	211	88	No selection
selection	212	88	No selection
selection	213	88	No selection
selection	214	88	No selection
selection	215	88	No selection
self-propelled	104	10	Self-propelled motor home or camper
september	4	9	September
september	9	9	September
series	171	91	Series / model key not in table
severity	14	*	ACCIDENT SEVERITY
sex	127	*	DRIVER SEX
sex	203	*	PERSON SEX
short	7	*	LONG OR SHORT FORM
shown	137	1	Yes insured, proof shown / not required
side	109	3	Right side front

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
side	116	5	Wrong side - not passing
side	117	5	Wrong side - not passing
side	118	5	Wrong side - not passing
side	119	5	Wrong side - not passing
side	120	5	Wrong side - not passing
side	185	5	Air bags (driver + passenger + side)
sideswipe	50	62	Sideswipe - meeting
sign	49	27	Highway or traffic sign post or overhead
sign	71	*	STOP SIGN INVOLVED
sign	72	*	YIELD SIGN INVOLVED
sign	116	4	Violation - stop sign or signal
sign	117	4	Violation - stop sign or signal
sign	118	4	Violation - stop sign or signal
sign	119	4	Violation - stop sign or signal
sign	120	4	Violation - stop sign or signal
sign	124	1	Stop sign
signal	49	33	Traffic signal support
signal	69	*	ELECTRIC SIGNAL INVOLVED
signal	116	4	Violation - stop sign or signal
signal	117	4	Violation - stop sign or signal
signal	118	4	Violation - stop sign or signal
signal	119	4	Violation - stop sign or signal
signal	120	4	Violation - stop sign or signal
signal	124	2	Electric signal
signal	210	1	With signal
signboard	138	6	Signboard
single	34	8	Single state lettered
single-unit	104	14	Single-unit truck - to 12000 GVW
size	178	*	VINDICATOR - SIZE
skidding	121	7	Skidding
skidding	122	7	Skidding
skidding	123	7	Skidding
sleet	42	5	Sleet
slowing	121	8	Slowing or stopping
slowing	122	8	Slowing or stopping
slowing	123	8	Slowing or stopping
small	178	2	Small
snow	41	3	Snow
snow	42	4	Snow
solids	111	2	Solids in bulk
south	125	2	South
south carolina	107	41	South Carolina
south carolina	134	41	South Carolina
south dakota	107	42	South Dakota
south dakota	134	42	South Dakota
special	132	7	Special vehicle
special	204	9	Special vehicle
specialist	51	91	Specialist
specialty	179	12	Specialty car
speed	36	*	SPEED LIMIT ON STRT/HWY
speed	37	*	SPEED LIMIT AT STRT/HWY
speed	57	*	SPEED RELATED ACCIDENT
speed	116	1	Speed - exceeding limit
speed	117	1	Speed - exceeding limit
speed	118	1	Speed - exceeding limit
speed	119	1	Speed - exceeding limit
speed	120	1	Speed - exceeding limit

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
spilled	68	1	Yes - materials spilled or released
sports	179	4	Sports
spur	34	6	U.S. business route, spur, city route, o
standard	171	12	VIN not in U.S. standard format (gray ma
standard	178	7	Standard
standing	210	9	Standing in road
start	116	11	Improper start from park
start	117	11	Improper start from park
start	118	11	Improper start from park
start	119	11	Improper start from park
start	120	11	Improper start from park
starting	121	9	Starting in traffic
starting	122	9	Starting in traffic
starting	123	9	Starting in traffic
state	34	4	State numbered route
state	107	*	VEHICLE LICENSE STATE
state	134	*	DRIVER LICENSE STATE
stated	50	66	Not stated
station	104	3	Station wagon
station	179	11	Station wagon
status	126	*	DRIVER STATUS
status	140	*	VEHICLE STATUS
sterling	174	59	Sterling
stopped	49	3	Going same direction - one stopped
stopped	121	12	Stopped in traffic
stopped	122	12	Stopped in traffic
stopped	123	12	Stopped in traffic
stopping	121	8	Slowing or stopping
stopping	122	8	Slowing or stopping
stopping	123	8	Slowing or stopping
straight	43	1	Straight
straight	49	1	Going same direction - both straight
straight	121	1	Going straight
straight	122	1	Going straight
straight	123	1	Going straight
street	34	12	City street
street	39	2	Dark - street lights on
street	49	25	Street light support
street	116	10	Wrong way on a one-way street
street	117	10	Wrong way on a one-way street
street	118	10	Wrong way on a one-way street
street	119	10	Wrong way on a one-way street
street	120	10	Wrong way on a one-way street
style	179	*	VINDICATOR - STYLE CLASS
subaru	174	26	Subaru
submitting	2	*	SUBMITTING AGENCY
substitution	172	8	Character substitution data missing
sunday	13	1	Sunday
support	49	25	Street light support
surface	40	*	ROAD SURFACE
suzuki	174	55	Suzuki
table	171	91	Series / model key not in table
tennessee	107	43	Tennessee
tennessee	134	43	Tennessee
terrain	104	31	All terrain vehicle
texas	107	44	Texas
texas	134	44	Texas

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
thirty	17	30	Thirty vehicles involved
thirty	18	30	Thirty motorized vehicles involved
thursday	13	5	Thursday
time	22	*	TIME NOTIFIED
time	23	*	TIME ARRIVED
time	24	*	RESPONSE TIME
top	104	1	Automobile - hard top
top	109	16	Top
total	128	3	Total
total	206	3	Total
towed	108	*	TOWED VEHICLE
towed	109	22	Towed unit
toyota	174	16	Toyota
traffic	49	13	One car stopped in traffic
traffic	121	9	Starting in traffic
traffic	122	9	Starting in traffic
traffic	123	9	Starting in traffic
traffic	124	*	TRAFFIC CONTROL
traffic	210	6	Walking with traffic
train	45	6	Train
transmission	190	*	VINDICATOR - TRANS
transport	45	7	Motor vehicle in transport
transport	104	13	Other transport devices
transport	201	2	Driver - other transport device
transportation	103	99	Unknown, bicycle, farm equipment, constr
travel	125	*	PRE CRASH DIR TRAVEL
tree	49	20	Tree
tree	138	3	Trees
triumph	174	41	Triumph
troop	26	*	HIGHWAY PATROL TROOP
troop	52	*	HP - REP OFFICER'S TROOP
troop	55	*	REPORT OFFICER'S TROOP
truck	65	*	TRUCK INVOLVED
truck	66	*	TRUCK GVW>26k LBS INVOL
truck	104	14	Single-unit truck - to 12000 GVW
truck	174	29	Chevrolet/Geo Truck
truck	179	13	Specialty truck
trunk	109	17	Trunk
tuesday	13	3	Tuesday
turning	49	2	Going same direction - one turning
tvr	174	58	TVR
twenty-four	15	24	Twenty-four persons injured
two-unit	104	19	Two-unit truck - to 12000 GVW
two-vehicle	49	98	Not a two-vehicle or fixed-object accide
two-vehicle	50	99	Not a two-vehicle accident
under	32	99	Under 1,000 or in unincorporated area
under	62	*	DRIVER UNDER 21 INVOLVED
under	63	*	DRIVER UNDER 25 INVOLVED
under	202	0	Under 12 months
undercarriage	109	18	Undercarriage
unincorporated	32	99	Under 1,000 or in unincorporated area
uninsured	137	3	Uninsured
unit	109	22	Towed unit
unit	113	*	VEH PULLING ANOTHER UNIT
unlicensed	135	4	Unlicensed
urban	33	1	Urban (Population > 4,999)
usage	129	*	DRIVER SEATBELT USAGE

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
usage	130	*	DRIVER HELMET USAGE
usage	207	*	PERSON SEATBELT USAGE
usage	208	*	PERSON HELMET USAGE
utah	107	45	Utah
utah	134	45	Utah
utility	49	23	Utility pole
utility	177	3	Utility vehicles
utility	179	8	Utility
valid	171	41	VIN does not match any valid pattern
van	104	4	Van
van	177	1	Vans (All cargo & large passenger vans)
van	179	5	Passenger van
vehicle type	177	*	VINDICATOR - VEHTP
vermont	107	46	Vermont
vermont	134	46	Vermont
vin	170	*	VIN
vin	171	11	VIN has zero length
vin	172	1	That VINDICATOR has made some change to
vindicator	171	*	VINDICATOR - IERR
vindicator	172	*	VINDICATOR - ALTSW
vindicator	173	*	VINDICATOR - YEAR
vindicator	174	*	VINDICATOR - MAKE
vindicator	175	*	VINDICATOR - MAKE/MODEL
vindicator	176	*	VINDICATOR - BODY
vindicator	177	*	VINDICATOR - VEHTP
vindicator	178	*	VINDICATOR - SIZE
vindicator	179	*	VINDICATOR - STYLE CLASS
vindicator	180	*	VINDICATOR - WEIGHT
vindicator	181	*	VINDICATOR - WHLBS
vindicator	182	*	VINDICATOR - LENGTH
vindicator	183	*	VINDICATOR - WIDTH
vindicator	184	*	VINDICATOR - HEIGHT
vindicator	185	*	VINDICATOR - RSTN
vindicator	186	*	VINDICATOR - ATD / DRL
vindicator	187	*	VINDICATOR - MINHP
vindicator	188	*	VINDICATOR - MAXHP
vindicator	189	*	VINDICATOR - ABS
vindicator	190	*	VINDICATOR - TRANS
vindicator	191	*	VINDICATOR - ENGINE
violation	116	4	Violation - stop sign or signal
violation	117	4	Violation - stop sign or signal
violation	118	4	Violation - stop sign or signal
violation	119	4	Violation - stop sign or signal
violation	120	4	Violation - stop sign or signal
virginia	107	47	Virginia
virginia	134	47	Virginia
vision	138	*	DRIVER VISION OBSCURED
volkswagen	174	8	Volkswagen
volvo	174	20	Volvo
wagon	104	3	Station wagon
wagon	176	4	Wagon
wagon	179	11	Station wagon
walk	210	15	Cross walk marked
walking	210	6	Walking with traffic
wall	49	29	Curb or wall
washington	107	48	Washington
washington	134	48	Washington

## Missouri 1989 Index (continued)

Item	Var	CV	Variable Name or Code Value
weather	42	*	WEATHER CONDITIONS
wednesday	13	4	Wednesday
week	13	*	DAY OF WEEK
weight	180	*	VINDICATOR - WEIGHT
west	125	4	West
west virginia	107	49	West Virginia
west virginia	134	49	West Virginia
wet	41	2	Wet
wheel	104	29	Motorcycle - 3 wheel
wheelbase	181	*	VINDICATOR - WHLBS
width	183	*	VINDICATOR - WIDTH
windshield	109	19	Windshield
windshield	138	1	Windshield obscured
wisconsin	107	50	Wisconsin
wisconsin	134	50	Wisconsin
working	210	10	Pushing or working on vehicle
wrong	116	5	Wrong side - not passing
wrong	117	5	Wrong side - not passing
wrong	118	5	Wrong side - not passing
wrong	119	5	Wrong side - not passing
wrong	120	5	Wrong side - not passing
wyoming	107	51	Wyoming
wyoming	134	51	Wyoming
year	3	*	ACCIDENT DATE - YEAR
year	8	*	REPORT DATE - YEAR
year	103	*	VEHICLE YEAR
year	131	1	Less than two years
year	171	61	VIN model year / pattern conflict
year	173	*	VINDICATOR - YEAR
year	202	98	98 years or older
yield	72	*	YIELD SIGN INVOLVED
yield	116	14	Failure to yield
yield	117	14	Failure to yield
yield	118	14	Failure to yield
yield	119	14	Failure to yield
yield	120	14	Failure to yield
yield	124	4	Yield sign
yield	211	14	Failed to yield
yield	212	14	Failed to yield
yield	213	14	Failed to yield
yield	214	14	Failed to yield
yield	215	14	Failed to yield
yugo	174	53	Yugo
zero	171	11	VIN has zero length
zone	25	*	HIGHWAY PATROL ZONE
zone	27	*	BEAT/ZONE
zone	51	*	HP - REP OFFICER'S ZONE
zone	54	*	REP OFFICER'S BEAT/ZONE
zone	124	6	No passing zone

