

CODEBOOK

NATIONAL CRASH SEVERITY STUDY

*Highway Safety Research Institute
The University of Michigan
Ann Arbor, Michigan 48109*

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NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION
Washington, D.C. 20590

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INTERIM REPORT

Highway Safety
Research Institute



THE UNIVERSITY OF MICHIGAN
HIGHWAY SAFETY RESEARCH INSTITUTE

APPENDIX C

The Univariate Distributions for
NCSS Crashes
Case Vehicles
Case Vehicle Occupants

This codebook documents data sets for the first 15 months of the NCSS program. The format shown is that of the files used by HSRI, but this is essentially the same as that used for other versions of these data.

Shown here are the variable names and the code values for NCSS crashes (variables 1 through 60), NCSS Case Vehicles (variables 61 through 185), Case Vehicle Occupants (variables 186 through 240), and Injuries (repeating variables 213 to 219).

Generally frequency information has been shown for one and two-digit variables, and omitted for those variables with more than 100 levels. The variable numbers shown here are consistent with those in Appendix A, and the reader is referred to that appendix for further interpretation of the data elements.

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Variable Number -----	Variable Name -----	Field Width -----	Char Type -----	Number Of Responses -----	Page Number -----
1	TRANSACTION CODE	1	Alpha	1	1
2	TEAM NUMBER	1	Num.	1	1
3	YEAR	1	Num.	1	1
4	MONTH	2	Num.	1	1
5	DAY	2	Num.	1	2
6	SEQUENCE NUMBER	3	Num.	1	2
7	CARDS TYPE	3	Num.	1	2
8	COUNTY	3	Num.	1	2
9	JURISDICTION	4	Num.	1	2
10	REPORTING AGENCY	2	Num.	1	2
11	CRASH SEVERITY	1	Num.	1	2
12	SAMPLING FRACTION	1	Num.	1	2
13	POLICE REPORTS	1	Num.	1	3
14	ENVIRONMENTAL REPORTS	1	Num.	1	3
15	OFF-ROAD OBJECT REPORTS	1	Num.	1	3
16	VEHICLE REPORTS	1	Num.	1	3
17	SIDE STRUCTURE REPORTS	1	Num.	1	3
18	INTRUSION REPORTS	1	Num.	1	3
19	SEAT PERF REPORTS	1	Num.	1	3
20	FIRE REPORTS	1	Num.	1	3
21	ROLLOVER REPORTS	1	Num.	1	4
22	INTERVIEW REPORTS	1	Num.	1	4
23	MEDICAL REPORTS	1	Num.	1	4
24	SURGICAL REPORTS	1	Num.	1	4
25	NUMBER OF VEHICLES	1	Num.	1	5

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Variable Number	Variable Name	Field Width	Char Type	Number Of Responses	Page Number
-----	-----	-----	-----	-----	-----
26	NUMBER OF PEOPLE	2	Num.	1	5
27	NUMBER INJURED	2	Num.	1	5
28	NUMBER KILLED	2	Num.	1	6
29	NUMBER OF CASE VEHICLES	1	Num.	1	6
30	CASE VEHICLE OCCUPANTS	2	Num.	1	6
31	CASE VEHICLE INJURIES	2	Num.	1	7
32	CASE VEHICLE KILLED	2	Num.	1	7
33	TIME OF DAY	2	Num.	1	7
34	ROAD CONDITION	1	Num.	1	8
35	INTERSECTION	1	Num.	1	8
36	RURAL/URBAN	1	Num.	1	8
37	TYPE OF IMPACT	2	Num.	1	9
38	VEHICLE #1 MANEUVEUR	2	Num.	1	9
39	VEHICLE #2 MANEUVEUR	2	Num.	1	10
40	VEHICLE #3 MANEUVEUR	2	Num.	1	10
41	V1 ROADWAY TYPE	2	Num.	1	10
42	V2 ROADWAY TYPE	2	Num.	1	11
43	V3 ROADWAY TYPE	2	Num.	1	11
44	V1 ROAD ALIGNMENT	2	Num.	1	11
45	V2 ROAD ALIGNMENT	2	Num.	1	12
46	V3 ROAD ALIGNMENT	2	Num.	1	12
47	V1 ROAD CONSTRUCTION	1	Num.	1	13
48	V2 ROAD CONSTRUCTION	1	Num.	1	13
49	V3 ROAD CONSTRUCTION	1	Num.	1	13
50	V1 SPEED LIMIT	2	Num.	1	14

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Variable Number -----	Variable Name -----	Field Width -----	Char Type -----	Number Of Responses -----	Page Number -----
51	V2 SPEED LIMIT	2	Num.	1	14
52	V3 SPEED LIMIT	2	Num.	1	14
53	CRASH RECONSTRUCTION	1	Num.	1	14
54	WEIGHTING FACTOR	2	Num.	1	15
55	CRASH LEVEL DATA?	1	Num.	1	15
56	DAY OF WEEK	1	Num.	1	15
57	URBANIZATION	1	Num.	1	15
58	TRUCK INVOLVEMENT	1	Num.	1	16
59	SEVEREST INJURY	1	Num.	1	16
60	TRANSACTION CODE	1	Alpha	1	17
61	TEAM NUMBER	1	Num.	1	17
62	YEAR	1	Num.	1	17
63	MONTH	2	Num.	1	17
64	DAY	2	Num.	1	17
65	SEQUENCE NUMBER	3	Num.	1	18
66	VEHICLE NUMBER	1	Num.	1	18
67	VIN LENGTH	2	Num.	1	18
68	VIN	7	Alpha	1	18
69	MAKE/MODEL	5	Num.	1	18
70	ODOMETER	5	Num.	1	18
71	MODEL YEAR	2	Num.	1	18
72	BODY STYLE	2	Num.	1	19
73	VEHICLE WEIGHT	3	Num.	1	19
74	OCC+CARGO WEIGHT	3	Num.	1	19
75	CASE VEHICLE TOWING	1	Num.	1	19

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Variable Number -----	Variable Name -----	Field Width -----	Char Type -----	Number Of Responses -----	Page Number -----
76	OBJECT CONTACTED	2	Num.	1	19
77	CDC DIRECTION	2	Num.	1	20
78	CDC LETTER #1	1	Num.	1	21
79	CDC LETTER #2	2	Num.	1	21
80	CDC LETTER #3	1	Num.	1	21
81	CDC LETTER #4	1	Num.	1	22
82	CDC EXTENT	2	Num.	1	22
83	IMPACTED VEHICLE #	2	Num.	1	22
84	IMPACT NUMBER	1	Num.	1	22
85	OBJECT CONTACTED	2	Num.	1	23
86	CDC-SEC. DIRECTION	2	Num.	1	23
87	CDC SEC LETTER #1	1	Num.	1	24
88	CDC SEC LETTER #2	2	Num.	1	24
89	CDC SEC LETTER #3	1	Num.	1	24
90	CDC SEC LETTER #4	1	Num.	1	25
91	CDC-SEC. EXTENT	2	Num.	1	25
92	IMPACTED VEH. # - SEC.	2	Num.	1	25
93	IMPACT NUMBER - SEC.	1	Num.	1	25
94	CASE VEH. DRIVEN/TOWED	1	Num.	1	26
95	SOURCE OF VEHICLE DATA	1	Num.	1	26
96	VEHICLE INSPECTED	2	Num.	1	26
97	CASE VEHICLE INDICATOR	1	Num.	1	26
98	SEAT TYPE	1	Num.	1	26
99	HEAD RESTRAINTS	2	Num.	1	26
100	LEFT HEAD RES. MEAS.	3	Num.	1	27

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Variable Number -----	Variable Name -----	Field Width -----	Char Type -----	Number Of Responses -----	Page Number -----
101	RIGHT HEAD RES. MEAS.	3	Num.	1	27
102	SIDE STRUCTURE	2	Num.	1	27
103	LATCH/HINGE DAMAGE	2	Num.	1	27
104	INTRUSION	2	Num.	1	28
105	WEIGHTING FACTOR	2	Num.	1	28
106	MODEL SERIES NAME	4	Num.	1	28
107	VIN WHEELBASE	4	Num.	1	28
108	NUMBER OF OCCS IN VEH	2	Num.	1	28
109	IMPACT TYPE	2	Num.	1	29
110	SOMETHING UNKNOWN	3	Num.	1	29
111	TRANSACTION CODE	1	Alpha	1	29
112	TEAM NUMBER	1	Num.	1	29
113	YEAR	1	Num.	1	29
114	MONTH	2	Num.	1	29
115	DAY	2	Num.	1	30
116	SEQUENCE NUMBER	3	Num.	1	30
117	CARDS TYPE	3	Num.	1	30
118	CASE VEHICLE NUMBER	1	Num.	1	30
119	IMPACTED VEHICLE #	2	Num.	1	30
120	IMPACT NUMBER	1	Num.	1	30
121	IMPACT SPEED	2	Num.	1	30
122	DELTA V - SOURCE	1	Num.	1	30
123	DELTA V - TOTAL	2	Num.	1	31
124	DELTA V - LONG. N	2	Num.	1	32
125	DELTA V - LONG. A	1	Alpha	1	32

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Variable Number -----	Variable Name -----	Field Width -----	Char Type -----	Number Of Responses -----	Page Number -----
126	DELTA V - LAT. N	2	Num.	1	32
127	DELTA V - LAT. A	1	Alpha	1	32
128	DELTA V - SOURCE	1	Num.	1	32
129	DELTA V - TOTAL	2	Num.	1	33
130	DELTA V - LONG. N	2	Num.	1	34
131	DELTA V - LONG. A	1	Alpha	1	34
132	DELTA V - LAT. N	2	Num.	1	34
133	DELTA V - LAT. A	1	Alpha	1	35
134	REL VELOC - LONG.	4	Num.	1	35
135	REL VELOC - LAT.	4	Num.	1	35
136	VEHICLE NUMBER	1	Num.	1	35
137	IMPACTED VEH NUMBER	2	Num.	1	35
138	IMPACT NUMBER	1	Num.	1	35
139	IMPACT SPEED	2	Num.	1	35
140	DELTA V - SOURCE	1	Num.	1	35
141	DELTA V - TOTAL	2	Num.	1	36
142	DELTA V - LONG. N	2	Num.	1	36
143	DELTA V - LONG. A	1	Alpha	1	36
144	DELTA V - LAT. N	2	Num.	1	36
145	DELTA V - LAT. A	1	Alpha	1	36
146	DELTA V - SOURCE	1	Num.	1	36
147	DELTA V - TOTAL	2	Num.	1	37
148	DELTA V - LONG. N	2	Num.	1	37
149	DELTA V - LONG. A	1	Alpha	1	37
150	DELTA V - LAT. N	2	Num.	1	37

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Variable Number -----	Variable Name -----	Field Width -----	Char Type -----	Number Of Responses -----	Page Number -----
151	DELTA V - LAT. A	1	Alpha	1	37
152	REL VELOC - LONG.	4	Num.	1	37
153	REL VELOC - LAT.	4	Num.	1	38
186	TRANSACTION CODE	1	Alpha	1	39
187	TEAM NUMBER	1	Num.	1	39
188	YEAR	1	Num.	1	39
189	MONTH	2	Num.	1	39
190	DAY	2	Num.	1	39
191	SEQUENCE NUMBER	3	Num.	1	40
192	VEHICLE NUMBER	1	Num.	1	40
193	OCCUPANT NUMBER	2	Num.	1	40
194	SEAT POSITION	2	Num.	1	40
195	AGE	3	Num.	1	41
196	HEIGHT	2	Num.	1	41
197	WEIGHT	3	Num.	1	41
198	SEX	1	Num.	1	41
199	RESTRAINTS - POLICE	2	Num.	1	41
200	RESTRAINTS - INTERV	2	Num.	1	42
201	RESTRAINTS - INVEST	2	Num.	1	42
202	INJURY SEVERITY	1	Num.	1	42
203	EJECTION/ENTRAPMENT	1	Num.	1	43
204	EJECTION AREA	2	Num.	1	43
205	NCSS CLASS	1	Num.	1	44
206	OUTPATIENT VISITS	2	Num.	1	44
207	RESTRICT - BED REST	3	Num.	1	44

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Variable Number -----	Variable Name -----	Field Width -----	Char Type -----	Number Of Responses -----	Page Number -----
208	RESTRICT - OTHER	3	Num.	1	44
209	RESTRICT - WORK LOST	3	Num.	1	44
210	RESTRICT - HOSPITAL	3	Num.	1	45
211	NECK INJURY	1	Num.	1	45
212	INTERVIEW COMPLETION	1	Num.	1	45
213	OIC#1 FIRST LETTER	2	Num.	1	45
214	OIC#1 SECOND LETTER	2	Num.	1	46
215	OIC#1 THIRD LETTER	2	Num.	1	46
216	OIC#1 FOURTH LETTER	2	Num.	1	47
217	1ST OIC AIS	1	Num.	1	47
218	1ST CONTACT	2	Num.	1	48
219	1ST ICDA RATING	4	Num.	1	48
220	OIC#2 FIRST LETTER	2	Num.	1	49
221	OIC#2 SECOND LETTER	2	Num.	1	49
222	OIC#2 THIRD LETTER	2	Num.	1	49
223	OIC#2 FOURTH LETTER	2	Num.	1	50
224	2ND OIC AIS	1	Num.	1	50
225	2ND CONTACT	2	Num.	1	51
226	2ND ICDA RATING	4	Num.	1	52
227	OIC#3 FIRST LETTER	2	Num.	1	52
228	OIC#3 SECOND LETTER	2	Num.	1	52
229	OIC#3 THIRD LETTER	2	Num.	1	53
230	OIC#3 FOURTH LETTER	2	Num.	1	53
231	3RD OIC AIS	1	Num.	1	54
232	3RD CONTACT	2	Num.	1	54

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Variable Number -----	Variable Name -----	Field Width -----	Char Type -----	Number Of Responses -----	Page Number -----
233	3RD ICDA RATING	4	Num.	1	55
234	OAIS	1	Num.	1	55
235	ISS	2	Num.	1	55
236	NEW OAIS	1	Num.	1	55
237	BED REST DAYS	4	Num.	1	56
238	OTHER REST DAYS	4	Num.	1	56
239	WORK DAYS LOST	4	Num.	1	56
240	DAYS IN HOSP	4	Num.	1	56

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**** The Accident Variables. The Frequencies Are From The **
NCSS Accident File. One Record Per Crash.

--*-*-*
All Variables Have 1 Response And 0 Implied Dec. Places
Unless Otherwise Stated.
--*-*-*

Variable 1 TRANSACTION CODE M.D.Codes: None, None
----- Field Width: 1, Alphabetic

Variable 2 TEAM NUMBER M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ.	TEAM NUMBER
899	1. Calspan
614	2. HSRI
860	3. U. of Indiana
710	4. U. of Kentucky
1039	5. U. of Miami
1583	6. SWRI
511	7. Dynamic Sciences

Variable 3 YEAR M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ.	YEAR
5155	7. 1977
1061	8. 1978

Variable 4 MONTH M.D.Codes: 0, None
----- Field Width: 2, Numeric

FREQ.	MONTH
740	01. January
752	02. February
834	03. March
426	04. April
456	05. May
401	06. June
418	07. July
426	08. August
423	09. September
474	10. October

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FREQ. MONTH

423 11. November
443 12. December

Variable 5 DAY M.D.Codes: 0, None
----- Field Width: 2, Numeric

Variable 6 SEQUENCE NUMBER M.D.Codes: 0, None
----- Field Width: 3, Numeric

Variable 7 CARDS TYPE M.D.Codes: 0, None
----- Field Width: 3, Numeric

Variable 8 COUNTY M.D.Codes: 0, None
----- Field Width: 3, Numeric

Variable 9 JURISDICTION M.D.Codes: 0, None
----- Field Width: 4, Numeric

Variable 10 REPORTING AGENCY M.D.Codes: 0, None
----- Field Width: 2, Numeric

Variable 11 CRASH SEVERITY M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ. CRASH SEVERITY

335 1. Fatal
2158 2. Injured/Hospitalized Overnight
1634 3. Injured/Transported
2089 4. No Transport

Variable 12 SAMPLING FRACTION M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ. SAMPLING FRACTION

2493 1. 100 Percent
1634 2. 25 Percent
2089 3. 10 Percent

Variable 13 POLICE REPORTS M.D.Codes: 0, None
----- Field Width: 1, Numeric

Variable 14 ENVIRONMENTAL REPORTS M.D.Codes: 0, None
----- Field Width: 1, Numeric

Variable 15 OFF-ROAD OBJECT REPORTS M.D.Codes: 0, None
----- Field Width: 1, Numeric

Variable 16 VEHICLE REPORTS M.D.Codes: 0, None
----- Field Width: 1, Numeric

Variable 17 SIDE STRUCTURE REPORTS M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ. SIDE STRUCTURE REPORTS

4437 0. None
1655 1.
121 2.
3 3.

Variable 18 INTRUSION REPORTS M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ. INTRUSION REPORTS

3841 0. None
2190 1.
181 2.
4 3.

Variable 19 SEAT PERF REPORTS M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ. SEAT PERF REPORTS

4622 0. None
1496 1.
98 2.

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 Variable 20 FIRE REPORTS M.D.Codes: 0, None

 Field Width: 1, Numeric

FREQ. FIRE REPORTS

6156 0. None
 57 1.
 3 2.

 Variable 21 ROLLOVER REPORTS M.D.Codes: 0, None

 Field Width: 1, Numeric

FREQ. ROLLOVER REPORTS

5742 0. None
 473 1.
 1 2.

 Variable 22 INTERVIEW REPORTS M.D.Codes: 0, None

 Field Width: 1, Numeric

FREQ. INTERVIEW REPORTS

1500 0. None
 3665 1.
 979 2.
 56 3.
 8 4.
 6 5.
 2 6.

 Variable 23 MEDICAL REPORTS M.D.Codes: 0, None

 Field Width: 1, Numeric

FREQ. MEDICAL REPORTS

2918 0. None
 2001 1.
 787 2.
 294 3.
 131 4.
 54 5.
 20 6.
 8 7.
 3 8.


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Variable  24  SURGICAL REPORTS      M.D.Codes:      0,      None
-----
Field Width: 1,      Nume@es:      (
-----
Field Width: 1,      Numeric

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FREQ.      NUMBER OF VEHICLES

2135      1. One Vehicle
3452      2. Two Vehicles
 521      3. Three Vehicles
  92      4. Four Vehicles
  12      5. Five Vehicles
   4      6. Six Vehicles

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-----
Variable  26  NUMBER OF PEOPLE      M.D.Codes:      0,      None
-----
Field Width: 2,      Numeric

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FREQ.      NUMBER OF PEOPLE

  7      00. Unknown
1452      01.
1834      02.
1214      03.
 765      04.
 401      05.
 225      06.
 103      07.
  54      08.
  28      09.
  16      10.
   9      11.
   2      12.
   5      13.
   1      14.
   1      17.
   1      18.
   2      19.
   1      22.
   1      23.
   1      28.
   1      30.
   1      39.
   1      42.
   1      51.
   1      60.
  88      99. Missing Data

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 Variable 27 NUMBER INJURED M.D.Codes: 0, None
 ----- Field Width: 2, Numeric

FREQ.	NUMBER INJURED
1107	00. None
2272	01.
1438	02.
709	03.
315	04.
151	05.
79	06.
18	07.
18	08.
2	09.
1	10.
1	11.
2	12.
1	13.
102	99. Missing Data

 Variable 28 NUMBER KILLED M.D.Codes: 0, None
 ----- Field Width: 2, Numeric

FREQ.	NUMBER KILLED
5835	00. None
319	01.
46	02.
12	03.
1	04.
2	06.
1	92.

 Variable 29 NUMBER OF CASE VEHICLES M.D.Codes: 0, None
 ----- Field Width: 1, Numeric

FREQ.	NUMBER OF CASE VEHICLES
4453	1. One Case Vehicle
1688	2. Two Case Vehicles
72	3. Three Case Vehicles
3	4. Four Case Vehicles

 Variable 30 CASE VEHICLE OCCUPANTS M.D.Codes: 0, None
 ----- Field Width: 2, Numeric

FREQ.	CASE VEHICLE OCCUPANTS
2689	01.
1655	02.
891	03.
464	04.

FREQ.	CASE VEHICLE OCCUPANTS
266	05.
125	06.
58	07.
34	08.
14	09.
4	10.
2	11.
3	13.
11	99. Missing Data

Variable 31 CASE VEHICLE INJURIES M.D.Codes: 0, None

Field Width: 2, Numeric

FREQ.	CASE VEHICLE INJURIES
1315	00. None
2525	01.
1267	02.
584	03.
255	04.
135	05.
58	06.
16	07.
12	08.
2	09.
2	10.
2	12.
43	99. Missing Data

Variable 32 CASE VEHICLE KILLED M.D.Codes: 0, None

Field Width: 2, Numeric

FREQ.	CASE VEHICLE KILLED
5844	00. None
321	01.
39	02.
9	03.
1	04.
2	06.

Variable 33 TIME OF DAY M.D.Codes: 0, None

Field Width: 2, Numeric

FREQ.	TIME OF DAY
301	00. 12:00 Midnight - 12:59 a.m.
280	01. 1:00 - 1:59 a.m.
260	02. 2:00 - 2:59 a.m.
204	03. 3:00 - 3:59 a.m.
106	04. 4:00 - 4:59 a.m.
76	05. 5:00 - 5:59 a.m.

FREQ.	TIME OF DAY
137	06. 6:00 - 6:59 a.m.
268	07. 7:00 - 7:59 a.m.
242	08. 8:00 - 8:59 a.m.
178	09. 9:00 - 9:59 a.m.
188	10. 10:00 - 10:59 a.m.
255	11. 11:00 - 11:59 a.m.
257	12. 12:00 Noon - 12:59 p.m.
256	13. 1:00 - 1:59 p.m.
286	14. 2:00 - 2:59 p.m.
348	15. 3:00 - 3:59 p.m.
423	16. 4:00 - 4:59 p.m.
405	17. 5:00 - 5:59 p.m.
335	18. 6:00 - 6:59 p.m.
263	19. 7:00 - 7:59 p.m.
280	20. 8:00 - 8:59 p.m.
266	21. 9:00 - 9:59 p.m.
274	22. 10:00 - 10:59 p.m.
313	23. 11:00 - 11:59 p.m.
15	99. Missing Data

Variable	34	ROAD CONDITION	M.D.Codes:	0,	None
			Field Width:	1,	Numeric

FREQ.	ROAD CONDITION
4318	1. Dry
1234	2. Wet
345	3. Ice
277	4. Snow
32	5. Other
9	9. Unknown

Variable	35	INTERSECTION	M.D.Codes:	8,	None
			Field Width:	1,	Numeric

FREQ.	INTERSECTION
3479	0. None
665	1. 3 Leg T
192	2. 3 Leg Y
1652	3. 4 Leg Across
169	4. 4 Leg Oblique
43	5. Multileg
16	9. Unknown

Variable	36	RURAL/URBAN	M.D.Codes:	0,	None
			Field Width:	1,	Numeric

FREQ.	RURAL/URBAN
1861	1. Rural
4351	2. Urban
1	9. Unknown

Variable	37	TYPE OF IMPACT	M.D.Codes:	98,	None
			Field Width:	2,	Numeric

FREQ.	TYPE OF IMPACT
1	00. No Impact
588	01. Car/Vehicle Head On
87	02. Car/Vehicle Angle Front
1543	03. Car/Vehicle Side
308	04. Car/Vehicle Angle Side
707	05. Car/Vehicle Rear
1262	06. Car/Object Front
344	07. Car/Object Side
16	08. Car/Object Rear
112	09. Car/Other Object
376	10. Prin Rollover
55	11. Sideswipe
83	12. Undercarriage
208	13. Chain Collision
410	14. Unlisted
34	98. Missing Data
82	99. Unknown

Variable	38	VEHICLE #1 MANEUVEUR	M.D.Codes:	0,	None
			Field Width:	2,	Numeric

FREQ.	VEHICLE #1 MANEUVEUR
3279	01. Going Straight
82	02. Right Turn
362	03. Left Turn
5	04. U-Turn
139	05. Changing Lanes
137	06. Passing
98	07. Straight Slowing
11	08. Backing
8	09. Stopped in Traffic
3	11. Not in Traffic
1	12. Parking
5	13. Leaving Parked Position
97	14. Start in Roadway
947	21. Slide Lead Front
385	22. Slide Lead Right
327	23. Slide Lead Left
12	24. Slide Lead Rear
55	25. Rotate Clockwise
46	26. Rotate Counterclockwise
111	97. Unlisted
102	99. Unknown

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Variable 39 VEHICLE #2 MANEUVEUR M.D.Codes: 0, None
----- Field Width: 2, Numeric

FREQ.	VEHICLE #2 MANEUVEUR
1718	01. Going Straight
55	02. Right Turn
594	03. Left Turn
13	04. U-Turn
65	05. Changing Lanes
12	06. Passing
204	07. Straight Slowing
19	08. Backing
537	09. Stopped in Traffic
280	11. Not in Traffic
1	12. Parking
9	13. Leaving Parked Position
234	14. Start in Roadway
156	21. Slide Lead Front
67	22. Slide Lead Right
40	23. Slide Lead Left
7	24. Slide Lead Rear
13	25. Rotate Clockwise
17	26. Rotate Counterclockwise
15	97. Unlisted
2134	98. Not Applicable
9	99. Unknown

Variable 40 VEHICLE #3 MANEUVEUR M.D.Codes: 0, None
----- Field Width: 2, Numeric

FREQ.	VEHICLE #3 MANEUVEUR
178	01. Going Straight
4	02. Right Turn
5	03. Left Turn
3	05. Changing Lanes
3	06. Passing
34	07. Straight Slowing
239	09. Stopped in Traffic
1	10. Double Parked
115	11. Not in Traffic
15	14. Start in Roadway
21	21. Slide Lead Front
2	22. Slide Lead Right
3	23. Slide Lead Left
1	26. Rotate Counterclockwise
3	97. Unlisted
5584	98. Not Applicable
1	99. Unknown

Variable 41 V1 ROADWAY TYPE M.D.Codes: 10, None
----- Field Width: 2, Numeric

FREQ. V1 ROADWAY TYPE

752	00. Artrl Highway
110	01. Expressway
533	02. Freeway
1777	03. Major Street/Highway
1314	04. Collector
1570	05. Local Street/Road
113	07. Unlisted
39	09. Unknown
8	10. Missing Data

Variable 42 V2 ROADWAY TYPE M.D.Codes: 10, None
----- Field Width: 2, Numeric

FREQ. V2 ROADWAY TYPE

476	00. Artrl Highway
60	01. Expressway
285	02. Freeway
1170	03. Major Street/Highway
843	04. Collector
1071	05. Local Street/Road
151	07. Unlisted
2135	08. Not Applicable
23	09. Unknown
2	10. Missing Data

Variable 43 V3 ROADWAY TYPE M.D.Codes: 10, None
----- Field Width: 2, Numeric

FREQ. V3 ROADWAY TYPE

86	00. Artrl Highway
13	01. Expressway
83	02. Freeway
194	03. Major Street/Highway
110	04. Collector
103	05. Local Street/Road
34	07. Unlisted
5587	08. Not Applicable
5	09. Unknown
1	10. Missing Data

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 Variable 44 V1 ROAD ALIGNMENT M.D.Codes: 0, None
 ----- Field Width: 2, Numeric

FREQ. V1 ROAD ALIGNMENT

3527	01. Straight Level
626	02. Straight Uphill
783	03. Straight Downhill
99	04. Straight Hillcrest
64	05. Straight Bottom
221	06. Curve Right Level
123	07. Curve Right Uphill
156	08. Curve Right Downhill
15	09. Curve Right Crest
7	10. Curve Right Bottom
246	11. Curve Left Level
117	12. Curve Left Uphill
181	13. Curve Left Downhill
17	14. Curve Left Crest
8	15. Curve Left Bottom
21	99. Unknown

 Variable 45 V2 ROAD ALIGNMENT M.D.Codes: 0, None
 ----- Field Width: 2, Numeric

FREQ. V2 ROAD ALIGNMENT

2694	01. Straight Level
444	02. Straight Uphill
425	03. Straight Downhill
75	04. Straight Hillcrest
34	05. Straight Bottom
67	06. Curve Right Level
47	07. Curve Right Uphill
40	08. Curve Right Downhill
2	09. Curve Right Crest
2	10. Curve Right Bottom
104	11. Curve Left Level
60	12. Curve Left Uphill
49	13. Curve Left Downhill
7	14. Curve Left Crest
6	15. Curve Left Bottom
2135	98. Not Applicable
23	99. Unknown

 Variable 46 V3 ROAD ALIGNMENT M.D.Codes: 0, None
 ----- Field Width: 2, Numeric

FREQ. V3 ROAD ALIGNMENT

424	01. Straight Level
63	02. Straight Uphill
63	03. Straight Downhill
9	04. Straight Hillcrest

FREQ. V3 ROAD ALIGNMENT

4	05. Straight Bottom
8	06. Curve Right Level
7	07. Curve Right Uphill
10	08. Curve Right Downhill
1	09. Curve Right Crest
8	11. Curve Left Level
9	12. Curve Left Uphill
6	13. Curve Left Downhill
5585	98. Not Applicable
16	99. Unknown

Variable 47 V1 ROAD CONSTRUCTION M.D.Codes: 0, None

Field Width: 1, Numeric

FREQ. V1 ROAD CONSTRUCTION

550	1. P. C. Concrete
5545	2. Bituminous
6	3. Brick, Block
60	4. Slag, Stone, Shell
19	5. Unlisted
17	6. Dirt
16	9. Unknown

Variable 48 V2 ROAD CONSTRUCTION M.D.Codes: 0, None

Field Width: 1, Numeric

FREQ. V2 ROAD CONSTRUCTION

373	1. P. C. Concrete
3627	2. Bituminous
4	3. Brick, Block
35	4. Slag, Stone, Shell
16	5. Unlisted
8	6. Dirt
2135	8. Not Applicable V2+3
18	9. Unknown

Variable 49 V3 ROAD CONSTRUCTION M.D.Codes: 0, None

Field Width: 1, Numeric

FREQ. V3 ROAD CONSTRUCTION

82	1. P. C. Concrete
522	2. Bituminous
7	4. Slag, Stone, Shell
2	5. Unlisted
4	6. Dirt
5584	8. Not Applicable V2+3
10	9. Unknown

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 Variable 50 V1 SPEED LIMIT M.D.Codes: 10, None
 ----- Field Width: 2, Numeric

FREQ. V1 SPEED LIMIT

21	00. None
42	01. 20 MPH or Less
245	02. 25 MPH
1307	03. 30 MPH
1234	04. 35 MPH
631	05. 40 MPH
451	06. 45 MPH
233	07. 50 MPH
1960	08. 55 MPH
92	09. Unknown

 Variable 51 V2 SPEED LIMIT M.D.Codes: 10, None
 ----- Field Width: 2, Numeric

FREQ. V2 SPEED LIMIT

75	00. None
25	01. 20 MPH or Less
177	02. 25 MPH
1056	03. 30 MPH
877	04. 35 MPH
441	05. 40 MPH
296	06. 45 MPH
135	07. 50 MPH
895	08. 55 MPH
2239	09. Unknown

 Variable 52 V3 SPEED LIMIT M.D.Codes: 10, None
 ----- Field Width: 2, Numeric

FREQ. V3 SPEED LIMIT

37	00. None
5	01. 20 MPH or Less
32	02. 25 MPH
120	03. 30 MPH
140	04. 35 MPH
70	05. 40 MPH
37	06. 45 MPH
19	07. 50 MPH
154	08. 55 MPH
5602	09. Unknown

Variable 53 CRASH RECONSTRUCTION M.D.Codes: 0, None

Field Width: 1, Numeric

FREQ. CRASH RECONSTRUCTION

986	1. Comp: Dam+Traj
2496	2. Comp: Dam
403	3. Rollover
26	4. Vaulting
102	5. Other N-Ho-Frce
1492	6. Insuff Data
88	7. Skid Sideways
211	8. Yield Fixed Object
404	9. Unlisted

Variable 54 WEIGHTING FACTOR M.D.Codes: 0, None

Field Width: 2, Numeric

FREQ. WEIGHTING FACTOR

2493	01. *1
1634	04. *4
2089	10. *10

Variable 55 CRASH LEVEL DATA? M.D.Codes: 8, None

Field Width: 1, Numeric

FREQ. CRASH LEVEL DATA?

6216	0. Data
------	---------

Variable 56 DAY OF WEEK M.D.Codes: 0, None

Field Width: 1, Numeric

FREQ. DAY OF WEEK

916	1. Monday
789	2. Tuesday
718	3. Wednesday
745	4. Thursday
848	5. Friday
1056	6. Saturday
1144	7. Sunday

Variable 57 URBANIZATION M.D.Codes: 0, None

Field Width: 1, Numeric

FREQ. URBANIZATION

1550	1. Large Central City
899	2. Large Suburb
1214	3. Medium SMSA

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FREQ. URBANIZATION

2553 4. Unlisted

Variable 58 TRUCK INVOLVEMENT M.D.Codes: 0, None
----- Field Width: 1, Numeric

Variable 59 SEVEREST INJURY M.D.Codes: 0, None
----- Field Width: 1, Numeric

**** The Vehicle Variables. The Frequencies Are From The ***
NCSS Vehicle File. One Record Per Case Vehicle.

Variable 60 TRANSACTION CODE M.D.Codes: None, None

Field Width: 1, Alphabetic

Variable 61 TEAM NUMBER M.D.Codes: 0, None

Field Width: 1, Numeric

FREQ.	TEAM NUMBER
1168	1. Calspan
784	2. HSRI
1059	3. U. of Indiana
884	4. U. of Kentucky
1442	5. U. of Miami
2044	6. SWRI
676	7. Dynamic Sciences

Variable 62 YEAR M.D.Codes: 0, None

Field Width: 1, Numeric

FREQ.	YEAR
6663	7. 1977
1394	8. 1978

Variable 63 MONTH M.D.Codes: 0, None

Field Width: 2, Numeric

FREQ.	MONTH
983	01. January
982	02. February
1079	03. March
546	04. April
569	05. May
516	06. June
531	07. July
549	08. August
546	09. September
634	10. October
543	11. November
579	12. December

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```
-----
Variable 64 DAY M.D.Codes: 0, None
----- Field Width: 2, Numeric
```

```
-----
Variable 65 SEQUENCE NUMBER M.D.Codes: 0, None
----- Field Width: 3, Numeric
```

```
-----
Variable 66 VEHICLE NUMBER M.D.Codes: 0, None
----- Field Width: 1, Numeric
```

FREQ. VEHICLE NUMBER

```
5276 1. Vehicle One
2594 2. Vehicle Two
163 3. Vehicle Three
22 4. Vehicle Four
2 5. Vehicle Five
```

```
-----
Variable 67 VIN LENGTH M.D.Codes: 0, None
----- Field Width: 2, Numeric
```

```
-----
Variable 68 VIN M.D.Codes: None, None
----- Field Width: 7, Alphabetic
```

```
-----
Variable 69 MAKE/MODEL M.D.Codes: 99999, None
----- Field Width: 5, Numeric
```

FREQ. Make/Model (XXX/YY)

The Make/Model Code as used in the MDAI and RSES data files. Reference the CPIR or RSES codebooks and the MDAI Editing Manual.

```
-----
Variable 70 ODOMETER M.D.Codes: 0, None
----- Field Width: 5, Numeric
```

```
-----
Variable 71 MODEL YEAR M.D.Codes: 0, None
----- Field Width: 2, Numeric
```

FREQ. MODEL YEAR

**** Model Years Previous To 1965 Are Not Listed. ****

```
247 65. 1965
334 66. 1966
371 67. 1967
```

FREQ.	MODEL YEAR
501	68. 1968
593	69. 1969
646	70. 1970
689	71. 1971
805	72. 1972
800	73. 1973
710	74. 1974
570	75. 1975
725	76. 1976
593	77. 1977
69	78. 1978
3	99. Unknown

Variable 72 BODY STYLE M.D.Codes: 0, None
----- Field Width: 2, Numeric

FREQ.	BODY STYLE
7197	01. Passenger Car
671	02. Station Wagon
116	03. Convertible
35	04. Car Pick-Up Body

Variable 73 VEHICLE WEIGHT M.D.Codes: 0, None
----- Field Width: 3, Numeric

FREQ. Vehicle Weight X 100

Variable 74 OCC+CARGO WEIGHT M.D.Codes: 0, None
----- Field Width: 3, Numeric

FREQ. Weight X 100

Variable 75 CASE VEHICLE TOWING M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ.	CASE VEHICLE TOWING
39	1. Yes
8004	2. No
10	9. Unknown

Variable 76 OBJECT CONTACTED M.D.Codes: 98, None

Field Width: 2, Numeric

FREQ.	OBJECT CONTACTED
692	01. Sub-Compact
966	02. Compact
1232	03. Intermediate
1307	04. Standard
332	05. Luxury Limousine
592	06. Truck less than 10,000 lbs.
116	07. Truck greater than 10,000 lbs.
5	08. Tractor
129	09. Tractor-Trailer
14	10. School Bus
19	11. Other Bus
7	12. Trailer/Non-Commercial
25	13. Train
16	14. Other Vehicle
275	15. Unknown Vehicle
5	17. Motorcycle
1	18. Pedestrian
16	19. Large Animal
35	20. Tree less than 6 inch diameter
450	21. Tree greater than 6 inch diameter
512	22. Utility Pole
13	23. Breakaway Pole
109	24. Movable Object
181	25. Culvert Curb
71	26. Abutment
95	27. Embankment
62	28. Building
81	29. Bridge Rail
152	30. Guard Rail
4	31. Impact Attenuator
359	32. Ground/Rollover
78	33. Other Object/Not Moving
98	98. Missing Data
8	99. Unknown

Variable 77 CDC DIRECTION M.D.Codes: 98, None

Field Width: 2, Numeric

FREQ.	CDC DIRECTION
467	00. Non-horizontal impact force
845	01. 1 O'Clock
659	02. 2 O'Clock
102	03. 3 O'Clock
80	04. 4 O'Clock
59	05. 5 O'Clock
277	06. 6 O'Clock
63	07. 7 O'Clock
77	08. 8 O'Clock
125	09. 9 O'Clock

FREQ.	CDC DIRECTION
597	10. 10 O'Clock
1022	11. 11 O'Clock
2361	12. 12 O'Clock
98	98. Missing Data
1225	99. Missing Data

-----	Variable	78	CDC LETTER #1	-----	M.D.Codes:	0,	9
-----				-----	Field Width:	1,	Numeric

FREQ.	CDC LETTER #1
1225	0. Unknown
4189	1. Front
929	2. Right Side
322	3. Back
930	4. Left Side
287	5. Top
77	6. Undercarriage
98	9. Missing Data

-----	Variable	79	CDC LETTER #2	-----	M.D.Codes:	0,	10
-----				-----	Field Width:	2,	Numeric

FREQ.	CDC LETTER #2
1227	00. Unknown
522	01. Front Damage
638	02. Right Damage
126	03. Back Damage
711	04. Left Damage
1886	05. Distributed Damage
194	06. Center Damage
224	07. Side Center Damage
1408	08. Front and Side Center Damage
1023	09. Back and Side Center Damage
98	10. Missing Data

-----	Variable	80	CDC LETTER #3	-----	M.D.Codes:	0,	9
-----				-----	Field Width:	1,	Numeric

FREQ.	CDC LETTER #3
1226	0. Unknown
401	1. All
285	2. Top of Front to Top
5651	3. Below Glass
53	4. Low
244	5. Middle
22	6. Glass and Above
77	7. Undercarriage
98	9. Missing Data

```
-----
Variable  81  CDC LETTER #4          M.D.Codes:    0,      7
-----
Field Width: 1,      Numeric
```

```
FREQ.    CDC LETTER #4

1236     0. Unknown
5143     1. Wide
450      2. Narrow
109      3. Sideswipe
305      4. Rollover
98       7. Missing Data
26       8. Overhang Structure
690      9. Corner
```

```
-----
Variable  82  CDC EXTENT          M.D.Codes:    10,     None
-----
Field Width: 2,      Numeric
```

```
FREQ.    CDC EXTENT

1220     00. No Crush/Unknown
1435     01. Very Little Crush
2251     02. Little Crush
1807     03. More Crush
579      04.
279      05.
159      06.
68       07. A Lot of Crush
45       08. A Whole Lot of Crush
116     09. Maximum Possible Crush
98       10. Missing Data
```

```
-----
Variable  83  IMPACTED VEHICLE #  M.D.Codes:    10,     None
-----
Field Width: 2,      Numeric
```

```
FREQ.    IMPACTED VEHICLE #

2226     00. Non Vehicle
98       10. Missing Data
```

```
-----
Variable  84  IMPACT NUMBER      M.D.Codes:    0,      None
-----
Field Width: 1,      Numeric
```

```
FREQ.    IMPACT NUMBER

100      0. Missing Data
6961     1.
724      2.
192      3.
48       4.
20       5.
3        6.
4        7.
5        9. Unknown
```

Variable 85 OBJECT CONTACTED M.D.Codes: 98, None
----- Field Width: 2, Numeric

FREQ.	OBJECT CONTACTED
4900	00. Not Applicable
166	01. Sub-Compact
210	02. Compact
286	03. Intermediate
260	04. Standard
69	05. Luxury Limousine
127	06. Truck less than 10,000 lbs.
14	07. Truck greater than 10,000 lbs.
2	08. Tractor
29	09. Tractor/Trailer
3	10. School Bus
1	11. Other Bus
2	12. Trailer--Non-Commercial
9	13. Train
4	14. Other Vehicle
83	15. Unknown Vehicle
2	17. Motorcycle
3	18. Pedestrian
4	19. Large Animal
51	20. Tree less than 6 inch diameter
119	21. Trees greater than 6 inch diameter
165	22. Utility Pole
13	23. Breakaway Pole
382	24. Movable Object
124	25. Culvert Curb
27	26. Abutment
75	27. Embankment
35	28. Building
35	29. Bridge Rail
114	30. Guard Rail
2	31. Impact Attenuator
163	32. Ground/Rollover
36	33. Other Object/Not Moving
32	99. Unknown

Variable 86 CDC-SEC. DIRECTION M.D.Codes: 98, None
----- Field Width: 2, Numeric

FREQ.	CDC-SEC. DIRECTION
5156	00. Non-horizontal impact force
184	01. 1 O'Clock
91	02. 2 O'Clock
315	03. 3 O'Clock
27	04. 4 O'Clock
44	05. 5 O'Clock
71	06. 6 O'Clock
42	07. 7 O'Clock
33	08. 8 O'Clock
312	09. 9 O'Clock

FREQ. CDC-SEC. DIRECTION

98	10. 10 O'Clock
168	11. 11 O'Clock
492	12. 12 O'Clock
510	98. Missing Data
514	99. Missing Data

Variable 87 CDC SEC LETTER #1 M.D.Codes: 0, 9

Field Width: 1, Numeric

FREQ. CDC SEC LETTER #1

5419	0. Unknown
582	1. Front
661	2. Right Side
115	3. Back
603	4. Left Side
109	5. Top
58	6. Undercarriage
510	9. Missing Data

Variable 88 CDC SEC LETTER #2 M.D.Codes: 0, 10

Field Width: 2, Numeric

FREQ. CDC SEC LETTER #2

5422	00. Unknown
189	01. Front Damage
172	02. Right Damage
466	03. Back Damage
185	04. Left Damage
399	05. Distributed Damage
55	06. Center Damage
201	07. Side Center Damage
171	08. Front and Side Center Damage
287	09. Back and Side Center Damage
510	10. Missing Data

Variable 89 CDC SEC LETTER #3 M.D.Codes: 0, 9

Field Width: 1, Numeric

FREQ. CDC SEC LETTER #3

5421	0. Unknown
108	1. All
101	2. Top of Front to Top
1611	3. Below Glass
76	4. Low
150	5. Middle
21	6. Glass and Above
59	7. Undercarriage
510	9. Missing Data

Variable 90 CDC SEC LETTER #4 M.D.Codes: 0, 7

Field Width: 1, Numeric

FREQ. CDC SEC LETTER #4

5435	0. Unknown
1212	1. Wide
315	2. Narrow
246	3. Sideswipe
126	4. Rollover
510	7. Missing Data
1	8. Overhang Structure
212	9. Corner

Variable 91 CDC-SEC. EXTENT M.D.Codes: 10, None

Field Width: 2, Numeric

FREQ. CDC-SEC. EXTENT

5422	00. No Crush/Unknown
1137	01. Very Little Crush
622	02. Little Crush
277	03. More Crush
38	04.
15	05.
15	06.
7	07. A Lot of Crush
1	08. A Whole Lot of Crush
13	09. Maximum Possible Crush
510	10. Missing Data

Variable 92 IMPACTED VEH. # - SEC. M.D.Codes: 10, None

Field Width: 2, Numeric

FREQ. IMPACTED VEH. # - SEC.

6266	00. Non Vehicle
13	09. Unknown
510	10. Missing Data

Variable 93 IMPACT NUMBER - SEC. M.D.Codes: 0, None

Field Width: 1, Numeric

FREQ. IMPACT NUMBER - SEC.

5413	0. No Second Impact
630	1.
1705	2.
231	3.
50	4.
10	5.
4	6.
1	7.

FREQ. IMPACT NUMBER - SEC.

13 9. Unknown

 Variable 94 CASE VEH. DRIVEN/TOWED M.D.Codes: 0, None

 Field Width: 1, Numeric

FREQ. CASE VEH. DRIVEN/TOWED

8055 1. Yes

 Variable 95 SOURCE OF VEHICLE DATA M.D.Codes: 0, None

 Field Width: 1, Numeric

FREQ. SOURCE OF VEHICLE DATA

5842 1. Insp at Rep Tow F
 1086 2. Insp at Pers Home
 13 3. Insp at Scene
 29 4. Photo Rep Data
 1072 5. Not Inspected

 Variable 96 VEHICLE INSPECTED M.D.Codes: 10, None

 Field Width: 2, Numeric

FREQ. VEHICLE INSPECTED

1102 00. Not Inspected
 5756 01. Insp First Visit
 1 08. Eight or More
 14 10. Missing Data

 Variable 97 CASE VEHICLE INDICATOR M.D.Codes: 0, None

 Field Width: 1, Numeric

FREQ. CASE VEHICLE INDICATOR

8057 1. Case Vehicle

 Variable 98 SEAT TYPE M.D.Codes: 0, None

 Field Width: 1, Numeric

FREQ. SEAT TYPE

3701 1. Bench
 481 2. Split
 2712 3. Bucket
 1161 9. Unknown

Variable 99 HEAD RESTRAINTS M.D.Codes: 10, None
----- Field Width: 2, Numeric

FREQ. HEAD RESTRAINTS

1578	00. None
1789	01. Integral
8	02. Adj: Left Side
5	03. Adj: Right Side
3507	04. Adj: Both Sides
2	05. Add-On Left Side
11	07. Add-On Both Sides
1140	09. Unknown
17	10. Missing Data

Variable 100 LEFT HEAD RES. MEAS. M.D.Codes: 100, None
----- Field Width: 3, Numeric

Variable 101 RIGHT HEAD RES. MEAS. M.D.Codes: 100, None
----- Field Width: 3, Numeric

Variable 102 SIDE STRUCTURE M.D.Codes: 10, None
----- Field Width: 2, Numeric

FREQ. SIDE STRUCTURE

5952	00. None
378	01. LF
249	02. RF
16	03. LR
13	04. RR
93	05. LF and RF
13	06. LF and LR
9	07. RF and RR
46	08. Other Combination
1280	09. Unknown
8	10. Missing Data

Variable 103 LATCH/HINGE DAMAGE M.D.Codes: 10, None
----- Field Width: 2, Numeric

FREQ. LATCH/HINGE DAMAGE

4309	00. None
838	01. LF
595	02. RF
37	03. LR
36	04. RR
433	05. LF and RF
136	06. LF and LR

FREQ. LATCH/HINGE DAMAGE

102	07. RF and RR
170	08. Other Combination
1401	09. Unknown

-----	Variable	104	INTRUSION	-----	M.D.Codes:	10,	None
-----				-----	Field Width:	2,	Numeric

FREQ. INTRUSION

4241	00. None
138	01. Steering Column
95	02. A-Pillar
25	03. Steering Collumn and A-Pillar
742	04. Side
258	05. Side Override
342	06. Roof
58	07. Rear-End
965	08. Other Combination
1193	09. Unknown

-----	Variable	105	WEIGHTING FACTOR	-----	M.D.Codes:	99,	None
-----				-----	Field Width:	2,	Numeric

FREQ. WEIGHTING FACTOR

3360	01. *1
2226	04. *4
2471	10. *10

-----	Variable	106	MODEL SERIES NAME	-----	M.D.Codes:	9999,	None
-----				-----	Field Width:	4,	Numeric

FREQ. From the Vindicator Program (42.2% Missing Data)

-----	Variable	107	VIN WHEELBASE	-----	M.D.Codes:	0,	None
-----				-----	Field Width:	4,	Numeric

-----	Variable	108	NUMBER OF OCCS IN VEH	-----	M.D.Codes:	0,	None
-----				-----	Field Width:	2,	Numeric

FREQ. NUMBER OF OCCS IN VEH

4779	01. One Occupant
2013	02. Two Occupants
709	03. Three Occupants
320	04.
156	05.
51	06.

FREQ. NUMBER OF OCCS IN VEH
 17 07.
 6 08.
 4 09.
 1 11. Eleven Occupants
 1 13. Thirteen Occupants

 Variable 109 IMPACT TYPE M.D.Codes: 0, None

 Field Width: 2, Numeric

 Variable 110 SOMETHING UNKNOWN M.D.Codes: 0, None

 Field Width: 3, Numeric

 Variable 111 TRANSACTION CODE M.D.Codes: None, None

 Field Width: 1, Alphabetic

 Variable 112 TEAM NUMBER M.D.Codes: 0, None

 Field Width: 1, Numeric

FREQ. TEAM NUMBER
 1. Calspan
 2. HSRI
 3. U. of Indiana
 4. U. of Kentucky
 5. U. of Miami
 6. SWRI
 7. Dynamic Sciences

 Variable 113 YEAR M.D.Codes: 0, None

 Field Width: 1, Numeric

 Variable 114 MONTH M.D.Codes: 0, None

 Field Width: 2, Numeric

FREQ. MONTH
 01. January
 02. February
 03. March
 04. April
 05. May
 06. June
 07. July
 08. August
 09. September

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FREQ. MONTH

10. October
11. November
12. December

```
-----
Variable 115 DAY M.D.Codes: 0, None
----- Field Width: 2, Numeric
```

```
-----
Variable 116 SEQUENCE NUMBER M.D.Codes: 0, None
----- Field Width: 3, Numeric
```

```
-----
Variable 117 CARDS TYPE M.D.Codes: 0, None
----- Field Width: 3, Numeric
```

```
-----
Variable 118 CASE VEHICLE NUMBER M.D.Codes: 0, None
----- Field Width: 1, Numeric
```

```
-----
Variable 119 IMPACTED VEHICLE # M.D.Codes: 10, None
----- Field Width: 2, Numeric
```

FREQ. IMPACTED VEHICLE #

4492 00. Object other than Vehicle

```
-----
Variable 120 IMPACT NUMBER M.D.Codes: 0, None
----- Field Width: 1, Numeric
```

FREQ. IMPACT NUMBER

3354 0. Missing Data

4331 1.

289 2.

60 3.

15 4.

8 5.

```
-----
Variable 121 IMPACT SPEED M.D.Codes: 0, None
----- Field Width: 2, Numeric
```

Variable 122 DELTA V - SOURCE M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ. DELTA V - SOURCE

1211	1. Traj and Det Damage
21	2. Traj and CDC
3448	9. Insufficient Data

Variable 123 DELTA V - TOTAL M.D.Codes: 0, None
----- Field Width: 2, Numeric

FREQ. DELTA V - TOTAL

6824	00. Unknown/None
4	02.
10	03.
12	04.
13	05.
44	06.
52	07.
51	08.
65	09.
62	10.
55	11.
64	12.
57	13.
61	14.
62	15.
57	16.
55	17.
41	18.
38	19.
49	20.
33	21.
24	22.
29	23.
23	24.
14	25.
19	26.
21	27.
15	28.
20	29.
14	30.
18	31.
17	32.
17	33.
11	34.
9	35.
6	36.
6	37.
8	38.
10	39.
8	40.
4	41.

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FREQ.	DELTA V - TOTAL
3	42.
4	43.
3	44.
2	45.
3	46.
3	47.
2	48.
3	49.
1	50.
3	51.
1	52.
4	53.
3	54.
3	55.
2	57.
1	58.
2	59.
1	60.
1	61.
2	63.
1	64.
1	66.
1	70.
1	71.
1	79.
1	86.
1	91.
1	99.

-----	Variable 124	DELTA V - LONG. N	M.D.Codes:	0, None
-----		-----	Field Width:	2, Numeric

-----	Variable 125	DELTA V - LONG. A	M.D.Codes:	None, None
-----		-----	Field Width:	1, Alphabetic

-----	Variable 126	DELTA V - LAT. N	M.D.Codes:	0, None
-----		-----	Field Width:	2, Numeric

-----	Variable 127	DELTA V - LAT. A	M.D.Codes:	None, None
-----		-----	Field Width:	1, Alphabetic

Variable 128 DELTA V - SOURCE M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ. DELTA V - SOURCE

4553	3. Detail Damage
81	4. CDC Only
57	9. Insufficient Data

Variable 129 DELTA V - TOTAL M.D.Codes: 0, None
----- Field Width: 2, Numeric

FREQ. DELTA V - TOTAL

3423	00. Unknown/None
7	01.
18	02.
53	03.
91	04.
153	05.
219	06.
249	07.
215	08.
262	09.
251	10.
254	11.
248	12.
230	13.
257	14.
185	15.
191	16.
179	17.
136	18.
146	19.
132	20.
108	21.
104	22.
79	23.
72	24.
72	25.
61	26.
58	27.
50	28.
61	29.
53	30.
43	31.
46	32.
38	33.
24	34.
26	35.
22	36.
22	37.
22	38.
17	39.
15	40.

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FREQ. DELTA V - TOTAL

14	41.
20	42.
4	43.
10	44.
6	45.
5	46.
9	47.
6	48.
8	49.
5	50.
1	51.
8	52.
3	53.
7	54.
3	55.
3	56.
4	57.
3	58.
7	59.
5	60.
4	61.
1	62.
5	63.
2	65.
1	68.
1	69.
2	70.
2	71.
1	73.
1	74.
2	75.
1	76.
1	77.
2	78.
1	79.
1	87.
1	90.
1	93.
2	98.
2	99.

Variable 130 DELTA V - LONG. N

M.D.Codes: 0, None
Field Width: 2, Numeric

Variable 131 DELTA V - LONG. A

M.D.Codes: None, None
Field Width: 1, Alphabetic

Variable 132 DELTA V - LAT. N M.D.Codes: 0, None
----- Field Width: 2, Numeric

Variable 133 DELTA V - LAT. A M.D.Codes: None, None
----- Field Width: 1, Alphabetic

Variable 134 REL VELOC - LONG. M.D.Codes: 0, None
----- Field Width: 4, Numeric

Variable 135 REL VELOC - LAT. M.D.Codes: 0, None
----- Field Width: 4, Numeric

Variable 136 VEHICLE NUMBER M.D.Codes: 0, None
----- Field Width: 1, Numeric

Variable 137 IMPACTED VEH NUMBER M.D.Codes: 10, None
----- Field Width: 2, Numeric

FREQ. IMPACTED VEH NUMBER

3521	00. Object other than Vehicle
4159	10. Missing Data

Variable 138 IMPACT NUMBER M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ. IMPACT NUMBER

7513	0. Missing Data
88	1.
414	2.
32	3.
6	4.
4	5.

Variable 139 IMPACT SPEED M.D.Codes: 0, None
----- Field Width: 2, Numeric

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 Variable 140 DELTA V - SOURCE M.D.Codes: 0, None
 ----- Field Width: 1, Numeric

FREQ. DELTA V - SOURCE

13 1. Traj and Det Damage
 527 9. Insufficient Data

 Variable 141 DELTA V - TOTAL M.D.Codes: 0, None
 ----- Field Width: 2, Numeric

FREQ. DELTA V - TOTAL

8044 00. Unknown/None
 1 02.
 1 03.
 1 06.
 3 07.
 1 08.
 2 11.
 2 12.
 1 17.
 1 22.

 Variable 142 DELTA V - LONG. N M.D.Codes: 0, None
 ----- Field Width: 2, Numeric

 Variable 143 DELTA V - LONG. A M.D.Codes: None, None
 ----- Field Width: 1, Alphabetic

 Variable 144 DELTA V - LAT. N M.D.Codes: 0, None
 ----- Field Width: 2, Numeric

 Variable 145 DELTA V - LAT. A M.D.Codes: None, None
 ----- Field Width: 1, Alphabetic

 Variable 146 DELTA V - SOURCE M.D.Codes: 0, None
 ----- Field Width: 1, Numeric

FREQ. DELTA V - SOURCE

501 3. Detail Damage
 24 4. CDC Only
 19 9. Insufficient Data

Variable 147 DELTA V - TOTAL M.D.Codes: 0, None
----- Field Width: 2, Numeric

FREQ. DELTA V - TOTAL

7532	00. Unknown/None
17	01.
73	02.
80	03.
77	04.
57	05.
41	06.
40	07.
20	08.
27	09.
17	10.
16	11.
12	12.
12	13.
5	14.
7	15.
3	16.
5	17.
2	18.
2	19.
3	20.
2	21.
2	22.
2	23.
1	24.
1	26.
1	27.

Variable 148 DELTA V - LONG. N M.D.Codes: 0, None
----- Field Width: 2, Numeric

Variable 149 DELTA V - LONG. A M.D.Codes: None, None
----- Field Width: 1, Alphabetic

Variable 150 DELTA V - LAT. N M.D.Codes: 0, None
----- Field Width: 2, Numeric

Variable 151 DELTA V - LAT. A M.D.Codes: None, None
----- Field Width: 1, Alphabetic

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Variable 152 REL VELOC - LONG. M.D.Codes: 0, None
----- Field Width: 4, Numeric

Variable 153 REL VELOC - LAT. M.D.Codes: 0, None
----- Field Width: 4, Numeric

**** The Occupant Variables. The Frequencies Are From The **
NCSS Occupant File. One Record Per Case Vehicle Occupant.

Variable 186 TRANSACTION CODE M.D.Codes: None, None
----- Field Width: 1, Alphabetic

Variable 187 TEAM NUMBER M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ.	TEAM NUMBER
1953	1. Calspan
1252	2. HSRI
1763	3. U. of Indiana
1575	4. U. of Kentucky
2349	5. U. of Miami
3542	6. SWRI
1091	7. Dynamic Sciences

Variable 188 YEAR M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ.	YEAR
11288	7. 1977
2237	8. 1978

Variable 189 MONTH M.D.Codes: 0, None
----- Field Width: 2, Numeric

FREQ.	MONTH
1627	01. January
1603	02. February
1768	03. March
888	04. April
983	05. May
855	06. June
989	07. July
927	08. August
902	09. September
1052	10. October
921	11. November
1010	12. December

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Variable 190	DAY	M.D.Codes:	0,	None
		Field Width:	2,	Numeric

Variable 191	SEQUENCE NUMBER	M.D.Codes:	0,	None
		Field Width:	3,	Numeric

Variable 192	VEHICLE NUMBER	M.D.Codes:	0,	None
		Field Width:	1,	Numeric

Variable 193	OCCUPANT NUMBER	M.D.Codes:	0,	None
		Field Width:	2,	Numeric

FREQ. OCCUPANT NUMBER

8057	01.
3278	02.
1265	03.
556	04.
236	05.
80	06.
29	07.
12	08.
6	09.
2	10.
2	11.
1	12.
1	13.

Variable 194	SEAT POSITION	M.D.Codes:	0,	None
		Field Width:	2,	Numeric

FREQ. SEAT POSITION

8055	11. Driver
551	12. Front Center
3020	13. Front Right
5	14. Front Entire
2	15. Front Floor Left
1	16. Front Floor Center
1	17. Front Floor Right
591	21. Second Left
323	22. Second Center
693	23. Second Right
27	24. Second Entire
2	25. Second Floor Left
6	26. Second Floor Center
2	27. Second Floor Right
3	28. Second Floor Entire
2	31. Third Left

FREQ.	SEAT POSITION
2	32. Third Center
1	33. Third Right
1	34. Third Entire
3	35. Third Floor Left
1	36. Third Floor Center
2	37. Third Floor R
2	38. Third Floor Entire
82	99. Unknown

Variable 195 AGE M.D.Codes: 100, None
----- Field Width: 3, Numeric

FREQ.	AGE
60	000. Less than One Year
1	098. 98 or Over
187	099. Unknown
15	100. Missing Data

Variable 196 HEIGHT M.D.Codes: 0, None
----- Field Width: 2, Numeric

FREQ.	HEIGHT
4031	99. Not Reported

Variable 197 WEIGHT M.D.Codes: 0, None
----- Field Width: 3, Numeric

FREQ.	WEIGHT
3970	999. Not Reported

Variable 198 SEX M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ.	SEX
7725	1. Male
4667	2. Female
92	3. Female---Pregnant
940	4. Female Unknown if Pregnant
84	9. Unknown

 Variable 199 RESTRAINTS - POLICE M.D.Codes: 10, None
 ----- Field Width: 2, Numeric

FREQ. RESTRAINTS - POLICE

7634 00. Not Used
 284 01. Lap and Torso
 450 02. Lap Only
 13 03. Torso Only
 1 04. Air Cushion and Lap
 9 07. Child Seat
 55 08. No Restraint
 5064 09. Unknown
 15 10. Missing Data

 Variable 200 RESTRAINTS - INTERV M.D.Codes: 10, None
 ----- Field Width: 2, Numeric

FREQ. RESTRAINTS - INTERV

7351 00. Not Used
 539 01. Lap and Torso
 747 02. Lap Only
 11 03. Torso Only
 2 06. Passive Belt
 24 07. Child Seat
 223 08. No Restraint
 4501 09. Unknown
 127 10. Missing Data

 Variable 201 RESTRAINTS - INVEST M.D.Codes: 10, None
 ----- Field Width: 2, Numeric

FREQ. RESTRAINTS - INVEST

10283 00. Not Used
 362 01. Lap and Torso
 368 02. Lap Only
 2 03. Torso Only
 1 04. Air Cushion and Lap
 1 05. Air Cushion
 3 06. Passive Belt
 19 07. Child Seat
 811 08. No Restraint
 1660 09. Unknown
 15 10. Missing Data

Variable 202 INJURY SEVERITY M.D.Codes: 0, None

Field Width: 1, Numeric

FREQ.	INJURY SEVERITY
396	1. Killed
2491	2. Incapacitated
3318	3. Not Incapacitated
2239	4. Possible Injury
4723	5. Not Injured
338	9. Unknown

Variable 203 EJECTION/ENTRAPMENT M.D.Codes: 8, None

Field Width: 1, Numeric

FREQ.	EJECTION/ENTRAPMENT
12426	0. None
318	1. Complete Eject
60	2. Partial Eject
7	3. Partial Eject and Trap
7	4. Eject Unk Deg
280	5. Trapped
22	8. Missing Data
405	9. Unknown

Variable 204 EJECTION AREA M.D.Codes: 97, None

Field Width: 2, Numeric

FREQ.	EJECTION AREA
12802	00. No Ejection
17	01. Window Open--LF
8	02. Window Open--RF
2	03. Window Open--LR
10	11. Window Closed--Dam--LF
13	12. Window Closed--Dam--RF
1	13. Window Closed--Dam--LR
1	14. Window Closed--Dam--RR
14	15. Window Closed--Dam--RE
5	21. Window Unknown if Open--LF
9	22. Window Unknown if Open--RF
1	23. Window Unknown if Open--LR
65	31. Door--LF
39	32. Door--RF
2	34. Door--RR
30	40. Windshield Bond Separated
2	41. Windshield Not Separated
9	50. Roof
10	60. Unlisted
35	97. Missing Data
145	98. Unknown Eject Site
305	99. Unknown if Ejected

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Variable 205 NCSS CLASS M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ. NCSS CLASS

115	1. Fatal--Autopsy
120	2. Fatal--Medical Diagnosis
207	3. Fatal--Not Documented
2898	4. Non-Fatal--Hospitalized
4012	5. Non-Fatal--Transported
841	6. Other Treatment
484	7. Non Tran/Treatment Unknown
4777	8. No Treatment
71	9. Unknown

Variable 206 OUTPATIENT VISITS M.D.Codes: 10, None
----- Field Width: 2, Numeric

FREQ. OUTPATIENT VISITS

3238	00. None
405	07. Seven or More
3862	08. Not Injured
3465	09. Unknown
1	10. Missing Data

Variable 207 RESTRICT - BED REST M.D.Codes: 100, None
----- Field Width: 3, Numeric

FREQ. RESTRICT - BED REST

8423	000. None
2	096. Permanent
442	097. Fatality
15	098. Not Applicable
3585	099. Unknown
3	100. Missing Data

Variable 208 RESTRICT - OTHER M.D.Codes: 100, None
----- Field Width: 3, Numeric

FREQ. RESTRICT - OTHER

8613	000. None
6	096. Permanent
442	097. Fatality
26	098. Not Applicable
3499	099. Unknown
9	100. Missing Data

Variable 209 RESTRICT - WORK LOST M.D.Codes: 100, None
----- Field Width: 3, Numeric

FREQ. RESTRICT - WORK LOST

6864	000. None
2	096. Permanent
443	097. Fatality
759	098. Not Applicable
3207	099. Unknown
10	100. Missing Data

Variable 210 RESTRICT - HOSPITAL M.D.Codes: 100, None
----- Field Width: 3, Numeric

FREQ. RESTRICT - HOSPITAL

10029	000. None
398	097. Fatality
12	098. Not Applicable
534	099. Unknown
6	100. Missing Data

Variable 211 NECK INJURY M.D.Codes: 0, None
----- Field Width: 1, Numeric

FREQ. NECK INJURY

153	0. Immediately
13228	8. Not Applicable
81	9. Unknown

Variable 212 INTERVIEW COMPLETION M.D.Codes: 8, None
----- Field Width: 1, Numeric

FREQ. INTERVIEW COMPLETION

3883	0. No Interview
3405	1. First Phone
3457	2. Subsequent Phone
498	3. First Mail
190	4. Subsequent Mail
1451	5. First Visit
209	6. Subsequent Visit
264	7. Unlisted
127	8. Missing Data
41	9. Unknown

 Variable 213 OIC#1 FIRST LETTER M.D.Codes: 99, 97

 Field Width: 2, Numeric

FREQ. OIC#1 FIRST LETTER

1192	01. Head-Skull ✓
1368	02. Face ✓
396	03. Neck ✓
193	08. Shoulder ✓
12	10. Upper Extremities ✓
63	11. Arm ✓
64	12. Elbow
91	13. Forearm ✓
149	14. Wrist-Hand ✓
529	20. Chest
193	21. Abdomen
151	22. Back
121	23. Pelvic-Hip
16	30. Lower Extremities
120	31. Thigh
220	32. Knee
183	33. Leg
127	34. Ankle-Foot
11	40. Whole Body
8298	98. Missing Data
28	99. Unknown

 Variable 214 OIC#1 SECOND LETTER M.D.Codes: 99, 97

 Field Width: 2, Numeric

FREQ. OIC#1 SECOND LETTER

994	01. Right
1085	02. Left
142	03. Bilateral
279	04. Central
29	05. Anterior/Front
438	06. Posterior/Back
773	07. Super/Upper
518	08. Inferior/Lower
726	09. Whole Region
8298	98. Missing Data
243	99. Unknown

 Variable 215 OIC#1 THIRD LETTER M.D.Codes: 99, 97

 Field Width: 2, Numeric

FREQ. OIC#1 THIRD LETTER

1121	01. Laceration
1029	02. Contusion
291	03. Abrasion
1123	04. Fracture
291	05. Pain

FREQ.	OIC#1 THIRD LETTER
659	06. Concussion
15	07. Hemorrhage
48	08. Avulsion
44	09. Rupture
72	10. Sprain
87	11. Dislocation
25	12. Crushing
5	13. Amputation
2	14. Burn
248	16. Other
8298	98. Missing Data
167	99. Unknown

Variable 216 OIC#1 FOURTH LETTER M.D.Codes: 99, 97

Field Width: 2, Numeric

FREQ.	OIC#1 FOURTH LETTER
824	01. Skeletal
140	02. Vertebrae
328	03. Joints
182	10. Digestive
39	11. Liver
5	20. Nervous System
728	21. Brain
10	22. Spinal Cord
99	23. Eyes, Ears
40	30. Arteries
15	31. Heart
27	32. Spleen
3	40. Urogenital
31	41. Kidneys
190	50. Respiratory
55	51. Pulmonary
497	60. Muscles
1829	70. Integumentary
30	80. All Systems in Region
8298	98. Missing Data
155	99. Unknown

Variable 217 1ST OIC AIS M.D.Codes: 7, None

Field Width: 1, Numeric

FREQ.	1ST OIC AIS
2821	1. Minor
994	2. Moderate
647	3. Severe
179	4. Serious
153	5. Critical
84	6. Maximum
8298	7. Missing Data
349	8. Inj/Unk Sev

 Variable 218 1ST CONTACT M.D.Codes: 0, None
 ----- Field Width: 2, Numeric

FREQ.	1ST CONTACT
496	01. Instrument Panel
770	02. Steering Assembly
631	03. Windshield
132	04. Glove Compartment
29	05. Hardware Items
34	06. Heater or AC Duct
46	07. AC or Vent Duct
158	08. Mirrors
14	09. Parking Brake
7	10. Radio
115	11. Sunvisors, Fittings
3	12. Transmission Lever/Column
19	13. Add-On Equipment
3	14. Parcel Tray
303	15. Side Interior Surface
23	16. Side Hardware
51	17. Side Armrests
118	18. A-Pillar
19	19. B-Pillar
6	20. C-Pillar
3	21. D-Pillar
1	22. Courtesy Lights
100	23. Window Glass
20	24. Window Frame
208	25. Front Seatback
14	26. Restraint Hardware
7	27. Restraint Webbing
23	28. Head Restraints
2	29. Air Cushion
29	30. Other Occupants
4	31. Interior Objects--Loose
16	32. Roof Side Rails
7	33. Sunvisors, Fittings
53	34. Roof or Convertible Top
8	36. Transmission Lever/Floor
2	37. Parking Brake--Hand
66	38. Floor
16	39. Foot Controls
3	40. Console
1	41. Backlight (R WN)
1	42. Backlight Header
4	43. Hood
28	44. Exterior Objects
4	45. Outside Surface
38	46. Other
385	90. Non-Contact Injury
1205	99. Unknown Contact Area

Variable 219 1ST ICDA RATING M.D.Codes: 0, None

Field Width: 4, Numeric

Variable 220 OIC#2 FIRST LETTER M.D.Codes: 99, 97

Field Width: 2, Numeric

FREQ. OIC#2 FIRST LETTER

558	01. Head-Skull
1147	02. Face
315	03. Neck
199	08. Shoulder
20	10. Upper Extremities
82	11. Arm
117	12. Elbow
118	13. Forearm
202	14. Wrist-Hand
478	20. Chest
182	21. Abdomen
195	22. Back
102	23. Pelvic-Hip
20	30. Lower Extremities
81	31. Thigh
362	32. Knee
178	33. Leg
99	34. Ankle-Foot
24	40. Whole Body
9018	98. Missing Data
28	99. Unknown

Variable 221 OIC#2 SECOND LETTER M.D.Codes: 99, 97

Field Width: 2, Numeric

FREQ. OIC#2 SECOND LETTER

1004	01. Right
1058	02. Left
271	03. Bilateral
225	04. Central
30	05. Anterior/Front
318	06. Posterior/Back
563	07. Super/Upper
440	08. Inferior/Lower
401	09. Whole Region
9018	98. Missing Data
197	99. Unknown

 Variable 222 OIC#2 THIRD LETTER M.D.Codes: 99, 97

 Field Width: 2, Numeric

FREQ. OIC#2 THIRD LETTER

1059	01. Laceration
1156	02. Contusion
550	03. Abrasion
579	04. Fracture
536	05. Pain
207	06. Concussion
16	07. Hemorrhage
31	08. Avulsion
29	09. Rupture
33	10. Sprain
23	11. Dislocation
11	12. Crushing
1	14. Burn
227	16. Other
9018	98. Missing Data
49	99. Unknown

 Variable 223 OIC#2 FOURTH LETTER M.D.Codes: 99, 97

 Field Width: 2, Numeric

FREQ. OIC#2 FOURTH LETTER

463	01. Skeletal
41	02. Vertebrae
213	03. Joints
156	10. Digestive
36	11. Liver
3	20. Nervous System
231	21. Brain
3	22. Spinal Cord
134	23. Eyes, Ears
11	30. Arteries
8	31. Heart
23	32. Spleen
4	40. Urogenital
21	41. Kidneys
136	50. Respiratory
71	51. Pulmonary
717	60. Muscles
2182	70. Integumentary
11	80. All Systems in Region
9018	98. Missing Data
43	99. Unknown

Variable 224 2ND OIC AIS M.D.Codes: 7, None

Field Width: 1, Numeric

FREQ. 2ND OIC AIS

764	0. None
3422	1. Minor
541	2. Moderate
288	3. Severe
106	4. Serious
72	5. Critical
21	6. Maximum
8254	7. Missing Data
57	8. Inj/Unk Sev

Variable 225 2ND CONTACT M.D.Codes: 0, None

Field Width: 2, Numeric

FREQ. 2ND CONTACT

506	01. Instrument Panel
692	02. Steering Assembly
477	03. Windshield
147	04. Glove Compartment
45	05. Hardware Items
53	06. Heater or AC Duct
34	07. AC or Vent Duct
111	08. Mirrors
18	09. Parking Brake
6	10. Radio
51	11. Sunvisors, Fittings
5	12. Transmission Lever/Column
20	13. Add-On Equipment
4	14. Parcel Tray
263	15. Side Interior Surface
21	16. Side Hardware
42	17. Side Armrests
75	18. A-Pillar
11	19. B-Pillar
2	20. C-Pillar
2	21. D-Pillar
1	22. Courtesy Lights
95	23. Window Glass
13	24. Window Frame
141	25. Front Seatback
7	26. Restraint Hardware
16	27. Restraint Webbing
13	28. Head Restraints
1	29. Air Cushion
29	30. Other Occupants
7	31. Interior Objects--Loose
14	32. Roof Side Rails
5	33. Sunvisors, Fittings
31	34. Roof or Convertible Top
11	36. Transmission Lever/Floor

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FREQ.	2ND CONTACT
37	38. Floor
19	39. Foot Controls
5	40. Console
3	41. Backlight (R WN)
5	43. Hood
22	44. Exterior Objects
7	45. Outside Surface
34	46. Other
368	90. Non-Contact Injury
1038	99. Unknown Contact Area

-----	Variable 226	2ND ICDA RATING	M.D.Codes:	0,	None
-----		-----	Field Width:	4,	Numeric

-----	Variable 227	OIC#3 FIRST LETTER	M.D.Codes:	99,	97
-----		-----	Field Width:	2,	Numeric

FREQ.	OIC#3 FIRST LETTER
294	01. Head-Skull
715	02. Face
236	03. Neck
153	08. Shoulder
13	10. Upper Extremities
67	11. Arm
100	12. Elbow
66	13. Forearm
155	14. Wrist-Hand
312	20. Chest
140	21. Abdomen
192	22. Back
86	23. Pelvic-Hip
20	30. Lower Extremities
76	31. Thigh
399	32. Knee
176	33. Leg
77	34. Ankle-Foot
39	40. Whole Body
10173	98. Missing Data
36	99. Unknown

-----	Variable 228	OIC#3 SECOND LETTER	M.D.Codes:	99,	97
-----		-----	Field Width:	2,	Numeric

FREQ.	OIC#3 SECOND LETTER
762	01. Right
796	02. Left
269	03. Bilateral
163	04. Central
14	05. Anterior/Front

FREQ.	OIC#3 SECOND LETTER
242	06. Posterior/Back
311	07. Super/Upper
359	08. Inferior/Lower
283	09. Whole Region
10173	98. Missing Data
153	99. Unknown

Variable	229	OIC#3 THIRD LETTER	M.D.Codes:	99,	97
			Field Width:	2,	Numeric

FREQ.	OIC#3 THIRD LETTER
733	01. Laceration
931	02. Contusion
443	03. Abrasion
339	04. Fracture
564	05. Pain
99	06. Concussion
15	07. Hemorrhage
16	08. Avulsion
16	09. Rupture
11	10. Sprain
6	11. Dislocation
1	12. Crushing
4	14. Burn
153	16. Other
10173	98. Missing Data
21	99. Unknown

Variable	230	OIC#3 FOURTH LETTER	M.D.Codes	99,	97
			Field Width:	2,	Numeric

FREQ.	OIC#3 FOURTH LETTER
273	01. Skeletal
17	02. Vertebrae
193	03. Joints
93	10. Digestive
18	11. Liver
1	20. Nervous System
105	21. Brain
1	22. Spinal Cord
76	23. Eyes, Ears
11	30. Arteries
6	31. Heart
14	32. Spleen
4	40. Urogenital
10	41. Kidneys
88	50. Respiratory
53	51. Pulmonary
689	60. Muscles
1681	70. Integumentary
10173	98. Missing Data

FREQ. OIC#3 FOURTH LETTER

19 99. Unknown

Variable	231	3RD OIC AIS	M.D.Codes:	7,	None
			Field Width:	1,	Numeric

FREQ. 3RD OIC AIS

964	0. None
2816	1. Minor
256	2. Moderate
161	3. Severe
69	4. Serious
32	5. Critical
1	6. Maximum
9209	7. Missing Data
17	8. Inj/Unk Sev

Variable	232	3RD CONTACT	M.D.Codes:	0,	None
			Field Width:	2,	Numeric

FREQ. 3RD CONTACT

465	01. Instrument Panel
482	02. Steering Assembly
272	03. Windshield
143	04. Glove Compartment
56	05. Hardware Items
34	06. Heater or AC Duct
32	07. AC or Vent Duct
51	08. Mirrors
8	09. Parking Brake
6	10. Radio
19	11. Sunvisors, Fittings
5	12. Transmission Lever/Column
10	13. Add-On Equipment
3	14. Parcel Tray
182	15. Side Interior Surface
20	16. Side Hardware
24	17. Side Armrests
49	18. A-Pillar
5	19. B-Pillar
1	20. C-Pillar
7	21. D-Pillar
1	22. Courtesy Lights
85	23. Window Glass
10	24. Window Frame
99	25. Front Seatback
5	26. Restraint Hardware
14	27. Restraint Webbing
6	28. Head Restraints
14	30. Other Occupants
3	31. Interior Objects--Loose
8	32. Roof Side Rails

FREQ.	3RD CONTACT
6	33. Sunvisors, Fittings
20	34. Roof or Convertible Top
1	35. Coat Hooks
9	36. Transmission Lever/Floor
2	37. Parking Brake--Hand
24	38. Floor
14	39. Foot Controls
4	40. Console
1	41. Backlight (R WN)
2	43. Hood
21	44. Exterior Objects
4	45. Outside Surface
36	46. Other
306	90. Non-Contact Injury
783	99. Unknown Contact Area

Variable 233 3RD ICDA RATING M.D.Codes: 0, None

Field Width: 4, Numeric

Variable 234 OAIS M.D.Codes: 7, None

Field Width: 1, Numeric

FREQ.	OAIS
3898	0. None
2848	1. Minor
1010	2. Moderate
652	3. Severe
197	4. Serious
162	5. Critical
88	6. Maximum
89	7. Missing Data
2920	8. Inj/Unk Sev
1661	9. Unknown if Injured

Variable 235 ISS M.D.Codes: 0, None

Field Width: 2, Numeric

FREQ.	ISS
1147	99. Unknown

Variable 236 NEW OAIS M.D.Codes: 7, None

Field Width: 1, Numeric

FREQ.	NEW OAIS
13525	7. Missing Data

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----- Variable 237 -----	BED REST DAYS -----	M.D.Codes: 0, None Field Width: 4, Numeric
----- Variable 238 -----	OTHER REST DAYS -----	M.D.Codes: 0, None Field Width: 4, Numeric
----- Variable 239 -----	WORK DAYS LOST -----	M.D.Codes: 0, None Field Width: 4, Numeric
----- Variable 240 -----	DAYS IN HOSP -----	M.D.Codes: 0, None Field Width: 4, Numeric