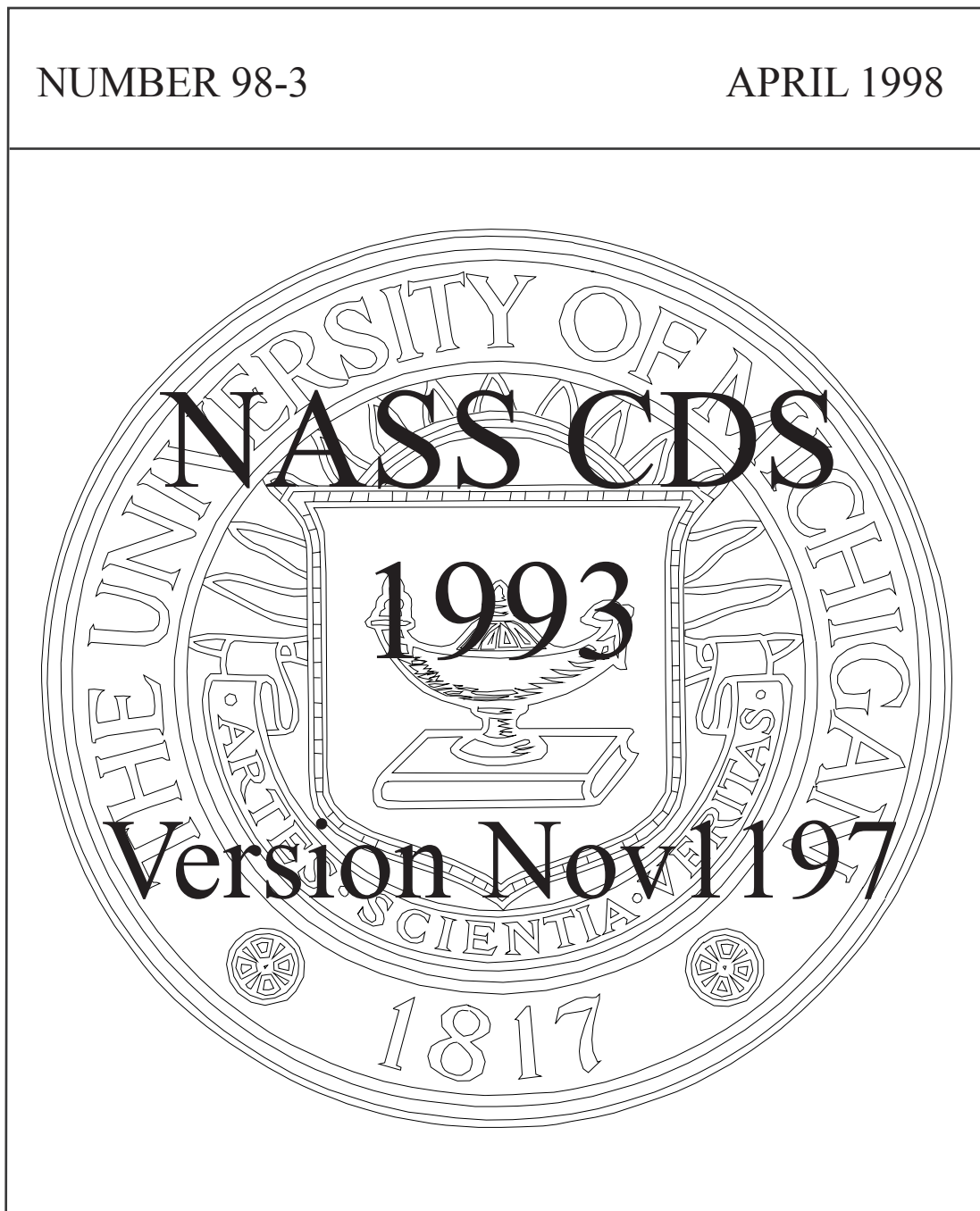


Transportation Data Center Data Set Codebook

NUMBER 98-3

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The University of Michigan
Transportation Research Institute

NASS Crashworthiness Data System (CDS)

1993 Code Book - Version 111797

Introduction

This code book documents data sets describing a sample of motor vehicle accidents that occurred in the USA during calendar year 1993. These sets represent the NASS Crashworthiness Data System (CDS) datafile dated November 17, 1997. The data sets were generated by the Transportation Data Center at the University of Michigan's Transportation Research Institute from data collected by the National Center for Statistics and Analysis (NCSA) of the National Highway Traffic Safety Administration (NHTSA). The cooperation of NHTSA is gratefully acknowledged.

The 1993 CDS uses a new injury coding scheme, the Association for the Advancement of Automotive Medicine (AAAM) Abbreviated Injury Scale 1990 Revision (AIS 90), with minor modification to include the injury aspect. The 1993 NASS CDS version of AIS 90 describes an injury and its severity based on an 8 digit numeric coding system.

The 1988-1993 CDS data represents a statistical sample of motor-vehicle accidents whose collection methodology was designed to assist in studies directed toward a determination of vehicle crashworthiness.

Primary program goals include:

- 1) A focus on accidents involving automobiles and automobile derivatives, light trucks (GVW < 4,500 kgs (10,000 pounds)), and vans;
- 2) Special consideration for late model vehicles through the inclusion of vehicles with the most recent five model years;
- 3) The selection of accidents with more serious injuries.
- 4) Cases are limited to those with a towed vehicle or automatic occupant protection.

The data are a sample of the 1993 motor vehicle accidents for which candidate accidents were chosen with varying probabilities

according to a scheme detailed in the Data Collection, Coding, and Editing Manual.¹ The coding manual provides detailed information on the interpretation and coding protocol for each information element.

The relational data set supplied by NCSA contains seven separate relations describing each accident. They are:

- 1) Accident - One record for each accident describing general accident parameters;
- 2) Accident Event Sequence - One record for each event in the accident describing vehicle/vehicle or vehicle/object contacts in sequence;
- 3) General Vehicle - One record for each vehicle in the accident describing general vehicle parameters;
- 4) Exterior Vehicle Damage - One record for selected vehicles describing exterior damage in terms of CDC's and CRASH parameters;
- 5) Interior Vehicle Damage - One record for selected vehicles describing door and window, intrusion and other interior damage;
- 6) Occupant Assessment - One record for every vehicle occupant describing general occupant parameters;
- 7) Occupant Injury - One record for every injured occupant describing injury in terms of OIC and AIS scales.

A large number of flat files can obviously be generated from this wealth of complex relations. Users with a need for significant, generally applicable joins not represented by the system data sets are encouraged to contact the Data Center. The traditional Accident, Vehicle, Occupant, and Injury data sets were generated by relational joins of the corresponding record types with some extensions. The accident segment of the data sets was generated by a join of the Accident record with the first Event record for the case. The vehicle portion of the data

¹ National Center for Statistics and Analysis, National Accident Sampling System, 1993 Crashworthiness Data System, Data Collection,

sets was itself generated by a join of the General Vehicle, Exterior Vehicle Damage, Interior Damage records. Since a given vehicle is not, in general, represented by all three damage relations, filler records are substituted whenever one of the damage records is missing. These filler records are indicated by a value of "0" for the corresponding "Record Number" variable (i.e., variable 403, 503, or 603).

The characteristics of the five system data sets that have been developed are presented in the table below.

Characteristics of the NASS 1993 CDS Data Sets

DATA SET	KEY	Freq	VARIABLES
Accident	CDS93ACC	4,563	101-120,201-211
Injury	CDS93INJ	29,548	101-120,201-211,301-387, 401-444,501-548,601-652, 701-756,801-821
Occupant	CDS93OCC	10,939	101-120,201-211,301-387, 401-444,501-548,601-652, 701-756
Two-vehicle acc	CDS93TVA	2,454	101-120,201-211,301-387, 701-756,1301-1387, 1701-1756
Vehicle	CDS93VEH	7,912	101-120,201-211,301-387, 401-444,501-548,601-652

The code book itself is divided into eight sections that document the accident, event, vehicle, damage, occupant, and injury records, respectively. The univariate frequencies and percentages displayed in each section are taken from the corresponding data set: accident and event frequencies from CDS93ACC, vehicle and vehicle damage frequencies from CDS93VEH, occupant frequencies from CDS93OCC, and injury frequencies from CDS93INJ.

The two-vehicle accident data set contains one accident record for every accident involving two vehicles. This record documents accident and first event information as well as vehicle and occupant (for the driver) information for each of the two involved vehicles. In order to avoid a large amount of duplication, the two-vehicle accident file is not documented directly in this code book. Univariate frequencies are consequently not available. Variable numbers for the data set are as follows:

V101 - V120 - Accident
V201 - V211 - Event #1
V301 - V387 - Vehicle #1
V701 - V756 - Occupant information for Driver #1
V1301 - V1387 - Vehicle #2
V1701 - V1756 - Occupant information for Driver #2

The code book may be used for the definition of variables V100 through V756. Variables V1301 - V1387 have the same definition as V301 - V387, and variables V1701 - V1756 have the same definition as V701 - V756.

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 or data inconsistencies that are uncovered, as well as any suggestions or comments that you may have concerning the code book by calling 734-763-3230.

NASS Crashworthiness Data System (CDS)
1993 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
101	PSU NUMBER	2	Numeric	1
102	CASE NUMBER	4	Alphabetic	1
103	RECORD NUMBER	1	Numeric	1
104	VERSION NUMBER	1	Numeric	1
105	NUM GEN VEH FORMS SUBMIT	2	Numeric	1
106	ACCIDENT MONTH	2	Numeric	2
107	ACCIDENT YEAR	2	Numeric	2
108	ACCIDENT DAY OF WEEK	1	Numeric	2
109	ACCIDENT TIME	4	Numeric	2
110	NUM EVENTS RECORDED	2	Numeric	3
111	MAXIMUM TREATMENT	1	Numeric	3
112	MAXIMUM KNOWN AIS	1	Numeric	3
113	NUM SERIOUSLY INJ OCC	2	Numeric	3
114	NUM INJURED OCCUPANTS	2	Numeric	4
115	ALCOHOL INVOLVEMENT	1	Numeric	4
116	RATIO INFLATION FACTOR	8	Numeric	4
117	DRUG INVOLVEMENT	1	Numeric	4
118	MANNER OF COLLISION	1	Numeric	5
119	AOPS FATALITY	1	Numeric	5
120	PSU STRATRUM	2	Numeric	5

NASS Crashworthiness Data System (CDS)
1993 - Accident Event Sequence

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
201	PSU NUMBER	2	Numeric	7
202	CASE NUMBER	4	Alphabetic	7
203	RECORD NUMBER	1	Numeric	7
204	VERSION NUMBER	1	Numeric	7
205	EVENT SEQUENCE NUMBER	2	Numeric	7
206	VEHICLE NUMBER (1)	2	Numeric	7
207	CLASS OF VEHICLE (1)	2	Numeric	8
208	GEN AREA OF DAMAGE (1)	2	Numeric	8
209	VEH NUM (2)/OBJ CONTACT	2	Numeric	9
210	CLASS OF VEHICLE (2)	2	Numeric	10
211	GEN AREA OF DAMAGE (2)	2	Numeric	10

NASS Crashworthiness Data System (CDS)
1993 - General Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
301	PSU NUMBER	2	Numeric	13
302	CASE NUMBER	4	Alphabetic	13
303	RECORD NUMBER	1	Numeric	13
304	VERSION NUMBER	1	Numeric	13
305	VEHICLE NUMBER	2	Numeric	13
306	MODEL YEAR	2	Numeric	14
307	VEHICLE MAKE	2	Numeric	14
308	MAKE/MODEL	5	Numeric	16
309	BODY TYPE	2	Numeric	40
310	VIN	10	Alphabetic	42
311	VIN - CHARACTER #1	1	Alphabetic	42
312	VIN - CHARACTER #2	1	Alphabetic	42
313	VIN - CHARACTER #3	1	Alphabetic	42
314	VIN - CHARACTER #4	1	Alphabetic	42
315	VIN - CHARACTER #5	1	Alphabetic	42
316	VIN - CHARACTER #6	1	Alphabetic	42
317	VIN - CHARACTER #7	1	Alphabetic	43
318	VIN - CHARACTER #8	1	Alphabetic	43
319	VIN - CHARACTER #9	1	Alphabetic	43
320	VIN - CHARACTER #10	1	Alphabetic	43
321	VEHICLE DISPOSITION	1	Numeric	43
322	TRAVEL SPEED (KPH)	3	Numeric	43
323	ALCOHOL PRESENCE	1	Numeric	43
324	ALCOHOL TEST RESULT	2	Numeric	44
325	SPEED LIMIT (KPH)	3	Numeric	44
326	ATTEMPTED AVOID MANEUVER	2	Numeric	44
327	ACCIDENT TYPE	2	Numeric	45
328	DRIVER PRESENCE	1	Numeric	45
329	NUMBER OF OCCUPANTS	2	Numeric	45
330	NUMBER OCCUPANT FORMS	2	Numeric	46
331	CURB WEIGHT	3	Numeric	46
332	CARGO WEIGHT	3	Numeric	46
333	TOWED TRAILING UNIT	1	Numeric	46
334	TRAJECTORY DATA DOC	1	Numeric	47
335	POST COLL TREE/POLE COND	1	Numeric	47
336	ROLLOVER	1	Numeric	47
337	FRONT OVERRIDE/UNDERRIDE	1	Numeric	48
338	REAR OVERRIDE/UNDERRIDE	1	Numeric	48
339	HEADING ANGLE - THIS VEH	3	Numeric	49
340	HEADING ANGLE - OTH VEH	3	Numeric	49
341	BASIS FOR TOTAL DELTA-V	1	Numeric	49
342	TOTAL DELTA-V	3	Numeric	50
343	LONG COMPONENT DELTA-V	4	Numeric	50
344	LAT COMPONENT DELTA-V	4	Numeric	50
345	ENERGY ABSORPTION	4	Numeric	50
346	RECONSTRUCT CONFIDENCE	1	Numeric	50
347	TYPE OF VEH INSPECTION	1	Numeric	51
348	MAXIMUM TREATMENT	1	Numeric	51
349	MAXIMUM KNOWN AIS	1	Numeric	51
350	NUM SERIOUSLY INJURED	2	Numeric	52

NASS Crashworthiness Data System (CDS)
1993 - General Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
351	NUMBER INJURED	2	Numeric	52
352	FRONT/REAR WHEEL DRIVE	1	Numeric	52
353	VIN LENGTH	2	Numeric	52
354	WEIGHT - OTHER VEHICLE	3	Numeric	53
355	BODY TYPE - OTHER VEH	2	Numeric	53
356	AOPS VEHICLE	1	Numeric	55
357	OTHER DRUG PRESENCE	1	Numeric	55
358	POLICE DEC TEST - DRIVER	1	Numeric	56
359	OTHER DRUG TST TYPE-DRIV	1	Numeric	56
360	NARCOTIC - DEC RESULTS	1	Numeric	56
361	NARCOTIC - SPECIMEN TEST	1	Numeric	56
362	DEPRESSANT - DEC TEST	1	Numeric	57
363	DEPRESSANT- SPECIMEN TST	1	Numeric	57
364	STIMULANT - DEC TEST	1	Numeric	57
365	STIMULANT - SPECIMEN TST	1	Numeric	58
366	HALLUCINOGEN - DEC TEST	1	Numeric	58
367	HALLUCINOGEN-SPECIMENTST	1	Numeric	58
368	CANNABINOID - DEC TEST	1	Numeric	59
369	CANNABINOID-SPECIMEN TST	1	Numeric	59
370	PCP DRUG - DEC TEST	1	Numeric	59
371	PCP DRUG - SPECIMEN TEST	1	Numeric	59
372	INHALANT - DEC TEST	1	Numeric	60
373	INHALANT - SPECIMEN TEST	1	Numeric	60
374	OTH DRUG - DEC TEST	1	Numeric	60
375	OTH DRUG - SPECIMEN TEST	1	Numeric	61
376	DRIVER'S ZIP CODE	5	Numeric	61
377	DRIVER'S RACE/ETHNIC	1	Numeric	61
378	VEHICLE SPECIAL USE	1	Numeric	62
379	ROLLOVER INITIATION TYPE	1	Numeric	62
380	LOCATION OF ROLLOVER INI	1	Numeric	62
381	ROLLOVER INIT OBJ CONTAC	2	Numeric	63
382	PRIN TRIP FORCE APPLIED	1	Numeric	64
383	DIRECTION OF INITIAL ROL	1	Numeric	64
384	PRE-EVENT MOVEMENT	2	Numeric	64
385	CRITICAL PRECRASH EVENT	2	Numeric	65
386	PRECRASH STABILILTY AVOID	1	Numeric	66
387	CONSEQUENC OF AVOID MANU	2	Numeric	67

NASS Crashworthiness Data System (CDS)
1993 - Exterior Damage

Variable Number	Variable Name	Width	Storage Type	Page Number
401	PSU NUMBER	2	Numeric	69
402	CASE NUMBER	4	Alphabetic	69
403	RECORD NUMBER	1	Numeric	69
404	VERSION NUMBER	1	Numeric	69
405	VEHICLE NUMBER	2	Numeric	69
406	ACCIDENT SEQUENCE (1)	2	Numeric	70
407	OBJECT CONTACTED (1)	2	Numeric	70
408	DIRECTION OF FORCE (1)	2	Numeric	71
409	DEFORMATION LOCATION (1)	1	Alphabetic	72
410	LONG/LAT LOCATION (1)	1	Alphabetic	72
411	VERT/LAT LOCATION (1)	1	Alphabetic	72
412	TYPE OF DISTRIB (1)	1	Alphabetic	72
413	DEFORMATION EXTENT (1)	2	Numeric	73
414	ACCIDENT SEQUENCE (2)	2	Numeric	73
415	OBJECT CONTACTED (2)	2	Numeric	73
416	DIRECTION OF FORCE (2)	2	Numeric	74
417	DEFORMATION LOCATION (2)	1	Alphabetic	75
418	LONG/LAT LOCATION (2)	1	Alphabetic	75
419	VERT/LAT LOCATION (2)	1	Alphabetic	75
420	TYPE OF DISTRIB (2)	1	Alphabetic	75
421	DEFORMATION EXTENT (2)	2	Numeric	76
422	HIGHEST DELTA-V - "L"	3	Numeric	76
423	HIGHEST DELTA-V - "C1"	3	Numeric	76
424	HIGHEST DELTA-V - "C2"	3	Numeric	76
425	HIGHEST DELTA-V - "C3"	3	Numeric	76
426	HIGHEST DELTA-V - "C4"	3	Numeric	76
427	HIGHEST DELTA-V - "C5"	3	Numeric	76
428	HIGHEST DELTA-V - "C6"	3	Numeric	77
429	HIGHEST DELTA-V - "D"	4	Numeric	77
430	SECOND DELTA-V - "L"	3	Numeric	77
431	SECOND DELTA-V - "C1"	3	Numeric	77
432	SECOND DELTA-V - "C2"	3	Numeric	77
433	SECOND DELTA-V - "C3"	3	Numeric	77
434	SECOND DELTA-V - "C4"	3	Numeric	77
435	SECOND DELTA-V - "C5"	3	Numeric	77
436	SECOND DELTA-V - "C6"	3	Numeric	77
437	SECOND DELTA-V - "D"	4	Numeric	77
438	CDC'S DOC/NOT CODED	1	Numeric	78
439	VEHICLE DISPOSITION	1	Numeric	78
440	ORIGINAL WHEELBASE	4	Numeric	78
441	MULTI-STAGE VEHICLE	1	Numeric	78
442	FIRE OCCURRENCE	1	Numeric	79
443	ORIGIN OF FIRE	1	Numeric	79
444	TYPE OF FUEL TANK	1	Numeric	79

NASS Crashworthiness Data System (CDS)
1993 - Interior Damage A

Variable Number	Variable Name	Width	Storage Type	Page Number
501	PSU NUMBER	2	Numeric	81
502	CASE NUMBER	4	Alphabetic	81
503	RECORD NUMBER	1	Numeric	81
504	VERSION NUMBER	1	Numeric	81
505	VEHICLE NUMBER	2	Numeric	81
506	PASS COMPART INTEGRITY	2	Numeric	82
507	DOOR/GATE/HATCH OPN - LF	1	Numeric	82
508	DOOR/GATE/HATCH OPN - RF	1	Numeric	82
509	DOOR/GATE/HATCH OPN - LR	1	Numeric	83
510	DOOR/GATE/HATCH OPN - RR	1	Numeric	83
511	DOOR/GATE/HATCH OPN - TG	1	Numeric	83
512	DOOR/GATE/HATCH DAM - LF	1	Numeric	84
513	DOOR/GATE/HATCH DAM - RF	1	Numeric	84
514	DOOR/GATE/HATCH DAM - LR	1	Numeric	84
515	DOOR/GATE/HATCH DAM - RR	1	Numeric	85
516	DOOR/GATE/HATCH DAM - TG	1	Numeric	85
517	IMPACT GLAZING DAM - WS	1	Numeric	86
518	IMPACT GLAZING DAM - LF	1	Numeric	86
519	IMPACT GLAZING DAM - RF	1	Numeric	87
520	IMPACT GLAZING DAM - LR	1	Numeric	87
521	IMPACT GLAZING DAM - RR	1	Numeric	87
522	IMPACT GLAZING DAM - BL	1	Numeric	88
523	IMPACT GLAZING DAM - RO	1	Numeric	88
524	IMPACT GLAZING DAM - OT	1	Numeric	88
525	CONTACT GLAZING DAM - WS	1	Numeric	89
526	CONTACT GLAZING DAM - LF	1	Numeric	89
527	CONTACT GLAZING DAM - RF	1	Numeric	90
528	CONTACT GLAZING DAM - LR	1	Numeric	90
529	CONTACT GLAZING DAM - RR	1	Numeric	90
530	CONTACT GLAZING DAM - BL	1	Numeric	91
531	CONTACT GLAZING DAM - RO	1	Numeric	91
532	CONTACT GLAZING DAM - OT	1	Numeric	91
533	TYPE OF GLAZING - WS	1	Numeric	92
534	TYPE OF GLAZING - LF	1	Numeric	92
535	TYPE OF GLAZING - RF	1	Numeric	93
536	TYPE OF GLAZING - LR	1	Numeric	93
537	TYPE OF GLAZING - RR	1	Numeric	93
538	TYPE OF GLAZING - BL	1	Numeric	94
539	TYPE OF GLAZING - RO	1	Numeric	94
540	TYPE OF GLAZING - OT	1	Numeric	94
541	WIN PRECRASH STAT - WS	1	Numeric	95
542	WIN PRECRASH STAT - LF	1	Numeric	95
543	WIN PRECRASH STAT - RF	1	Numeric	95
544	WIN PRECRASH STAT - LR	1	Numeric	95
545	WIN PRECRASH STAT - RR	1	Numeric	96
546	WIN PRECRASH STAT - BL	1	Numeric	96
547	WIN PRECRASH STAT - RO	1	Numeric	96
548	WIN PRECRASH STAT - OT	1	Numeric	97

NASS Crashworthiness Data System (CDS)
1993 - Interior Damage B

Variable Number	Variable Name	Width	Storage Type	Page Number
601	PSU NUMBER	2	Numeric	99
602	CASE NUMBER	4	Alphabetic	99
603	RECORD NUMBER	1	Numeric	99
604	VERSION NUMBER	1	Numeric	99
605	VEHICLE NUMBER	2	Numeric	99
606	INTRUSION LOCATION (1)	2	Numeric	100
607	INTRUDING COMPONENT (1)	2	Numeric	100
608	INTRUSION MAGNITUDE (1)	1	Numeric	101
609	CRUSH DIRECTION (1)	1	Numeric	101
610	INTRUSION LOCATION (2)	2	Numeric	102
611	INTRUDING COMPONENT (2)	2	Numeric	102
612	INTRUSION MAGNITUDE (2)	1	Numeric	103
613	CRUSH DIRECTION (2)	1	Numeric	103
614	INTRUSION LOCATION (3)	2	Numeric	104
615	INTRUDING COMPONENT (3)	2	Numeric	104
616	INTRUSION MAGNITUDE (3)	1	Numeric	105
617	CRUSH DIRECTION (3)	1	Numeric	105
618	INTRUSION LOCATION (4)	2	Numeric	106
619	INTRUDING COMPONENT (4)	2	Numeric	106
620	INTRUSION MAGNITUDE (4)	1	Numeric	107
621	CRUSH DIRECTION (4)	1	Numeric	107
622	INTRUSION LOCATION (5)	2	Numeric	108
623	INTRUDING COMPONENT (5)	2	Numeric	108
624	INTRUSION MAGNITUDE (5)	1	Numeric	109
625	CRUSH DIRECTION (5)	1	Numeric	109
626	INTRUSION LOCATION (6)	2	Numeric	110
627	INTRUDING COMPONENT (6)	2	Numeric	110
628	INTRUSION MAGNITUDE (6)	1	Numeric	111
629	CRUSH DIRECTION (6)	1	Numeric	111
630	INTRUSION LOCATION (7)	2	Numeric	112
631	INTRUDING COMPONENT (7)	2	Numeric	112
632	INTRUSION MAGNITUDE (7)	1	Numeric	113
633	CRUSH DIRECTION (7)	1	Numeric	113
634	INTRUSION LOCATION (8)	2	Numeric	114
635	INTRUDING COMPONENT (8)	2	Numeric	114
636	INTRUSION MAGNITUDE (8)	1	Numeric	115
637	CRUSH DIRECTION (8)	1	Numeric	115
638	INTRUSION LOCATION (9)	2	Numeric	116
639	INTRUDING COMPONENT (9)	2	Numeric	116
640	INTRUSION MAGNITUDE (9)	1	Numeric	117
641	CRUSH DIRECTION (9)	1	Numeric	117
642	INTRUSION LOCATION (10)	2	Numeric	118
643	INTRUDING COMPONENT (10)	2	Numeric	118
644	INTRUSION MAGNITUDE (10)	1	Numeric	119
645	CRUSH DIRECTION (10)	1	Numeric	119
646	STEERING COLUMN TYPE	1	Numeric	120
647	RIM/SPOKE DEFORMATION	2	Numeric	120
648	RIM/SPOKE DEF LOCATION	2	Numeric	120
649	ODOMETER READING	3	Numeric	121
650	INSTRUMENT PANEL DAMAGE	1	Numeric	121

NASS Crashworthiness Data System (CDS)
1993 - Interior Damage B

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
651	KNEE BOLSTERS DEFORMED	1	Numeric	121
652	GLOVE COMPART DOOR OPEN	1	Numeric	121

NASS Crashworthiness Data System (CDS)
1993 - Occupant Assessment

Variable Number	Variable Name	Width	Storage Type	Page Number
701	PSU NUMBER	2	Numeric	123
702	CASE NUMBER	4	Alphabetic	123
703	RECORD NUMBER	1	Numeric	123
704	VERSION NUMBER	1	Numeric	123
705	VEHICLE NUMBER	2	Numeric	123
706	OCCUPANT NUMBER	2	Numeric	124
707	AGE	2	Numeric	124
708	SEX	1	Numeric	124
709	HEIGHT	3	Numeric	124
710	WEIGHT	3	Numeric	125
711	ROLE	1	Numeric	125
712	SEAT POSITION	2	Numeric	125
713	POSTURE	1	Numeric	126
714	EJECTION	1	Numeric	126
715	EJECTION AREA	1	Numeric	126
716	EJECTION MEDIUM	1	Numeric	127
717	MEDIUM STATUS	1	Numeric	127
718	ENTRAPMENT	1	Numeric	127
719	MANUAL BELT AVAILABILITY	1	Numeric	127
720	MANUAL BELT USE	2	Numeric	128
721	MANUAL BELT PROPER USE	1	Numeric	128
722	MANUAL BELT FAILURE	1	Numeric	129
723	AIR BAG AVAIL/FUNCTION	1	Numeric	129
724	AIR BAG DEPLOYMENT	1	Numeric	129
725	AIR BAG SYSTEM FAILURE	1	Numeric	130
726	AUTO RESTRAINT AVAILABLE	1	Numeric	130
727	AUTO (PASS) SYSTEM USE	1	Numeric	130
728	AUTO BELT SYSTEM TYPE	1	Numeric	130
729	PROPER USE OF AUTO BELT	1	Numeric	131
730	AUTO BELT FAILURE MODES	1	Numeric	131
731	PAR RESTRAINT USE	1	Numeric	132
732	HEAD RESTRAINT TYPE/DAM	1	Numeric	132
733	SEAT TYPE	2	Numeric	132
734	SEAT ORIENTATION	1	Numeric	133
735	SEAT PERFORMANCE	1	Numeric	133
736	CHILD SEAT MAKE/MODEL	3	Numeric	133
737	CHILD SEAT TYPE	1	Numeric	136
738	CHILD SEAT ORIENTATION	2	Numeric	136
739	CHILD SEAT HARNESS USE	2	Numeric	137
740	CHILD SEAT SHIELD USE	2	Numeric	138
741	CHILD SEAT TETHER USE	2	Numeric	138
742	INJURY SEVERITY	1	Numeric	139
743	TREATMENT/MORTALITY	1	Numeric	139
744	TYPE OF MEDICAL FACILITY	1	Numeric	139
745	HOSPITAL STAY	2	Numeric	140
746	WORKING DAYS LOST	2	Numeric	140
747	TIME TO DEATH	2	Numeric	140
748	CAUSE OF DEATH - MED REP	2	Numeric	141
749	CAUSE OF DEATH - MED REP	2	Numeric	141
750	CAUSE OF DEATH - MED REP	2	Numeric	141

NASS Crashworthiness Data System (CDS)
1993 - Occupant Assessment

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
751	NUM RECORDED INJURIES	2	Numeric	142
752	MAXIMUM KNOWN AIS	1	Numeric	142
753	INJURY SEVERITY SCORE	2	Numeric	142
754	GLASGOW COMA SCALE SCORE	2	Numeric	142
755	WAS OCCUPANT GIVEN BLOOD	1	Numeric	143
756	ARTERIAL BLOOD GASES	2	Numeric	143

NASS Crashworthiness Data System (CDS)
1993 - Occupant Injury

Variable Number	Variable Name	Width	Storage Type	Page Number
801	PSU NUMBER	2	Numeric	145
802	CASE NUMBER	4	Alphabetic	145
803	RECORD NUMBER	1	Numeric	145
804	VERSION NUMBER	1	Numeric	145
805	VEHICLE NUMBER	2	Numeric	145
806	OCCUPANT NUMBER	2	Numeric	146
807	INJURY NUMBER	2	Numeric	146
808	INJURY DATA SOURCE	1	Numeric	146
809	OIC - BODY REGION	1	Numeric	146
810	OIC - ASPECT	1	Numeric	147
811	TYPE OF ANATOMIC STRUCT	1	Numeric	147
812	SPECIFIC ANATOMIC STRUCT	2	Numeric	147
813	LEVEL OF INJURY	2	Numeric	148
814	AIS SEVERITY	1	Numeric	148
815	INJURY SOURCE	2	Numeric	149
816	CONFIDENCE LEVEL	1	Numeric	151
817	DIRECT/INDIRECT INJURY	1	Numeric	151
818	INTRUSION NUMBER	2	Numeric	151
819	OIC - BODY REGION	2	Numeric	152
820	OIC - LESION	2	Numeric	152
821	OIC - SYSTEM ORGAN	2	Numeric	153

The ACCIDENT Variables
Variables 101 through 120 describe the accident.

Variable 101	PSU NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None
Variable 102	CASE NUMBER	Width: 4 Dec: None	Type: Alphabetic Miss: None
Variable 103	RECORD NUMBER	Width: 1 Dec: None	Type: Numeric Miss: None
	FREQ Prcnt Code Value and Description		
	4563 100.0 1 Accident record		
Variable 104	VERSION NUMBER	Width: 1 Dec: None	Type: Numeric Miss: None
	FREQ Prcnt Code Value and Description		
	4563 100.0 6 Version 6		
Variable 105	NUM GEN VEH FORMS SUBMIT	Width: 2 Dec: None	Type: Numeric Miss: None
	Number of General Vehicle forms submitted		
	FREQ Prcnt Code Value and Description		
	1710 37.5 1 1 vehicle form		
	2454 53.8 2 2 vehicle forms		
	331 7.3 3 3 vehicle forms		
	45 1.0 4 4 vehicle forms		
	17 0.4 5 5 vehicle forms		
	6 0.1 6 6 vehicle forms		

NASS Crashworthiness Data System (CDS)
1993 - Accident

Variable 106	<u>ACCIDENT MONTH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

FREQ	Prcnt	Code	Value and Description
421	9.2	1	January
413	9.1	2	February
425	9.3	3	March
414	9.1	4	April
430	9.4	5	May
406	8.9	6	June
426	9.3	7	July
408	8.9	8	August
261	5.7	9	September
280	6.1	10	October
335	7.3	11	November
344	7.5	12	December

Variable 107	<u>ACCIDENT YEAR</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

FREQ	Prcnt	Code	Value and Description
4563	100.0	93	1993

Variable 108	<u>ACCIDENT DAY OF WEEK</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

FREQ	Prcnt	Code	Value and Description
655	14.4	1	Sunday
601	13.2	2	Monday
571	12.5	3	Tuesday
611	13.4	4	Wednesday
599	13.1	5	Thursday
797	17.5	6	Friday
729	16.0	7	Saturday

Variable 109	<u>ACCIDENT TIME</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

Accident time of day - 2400-hour clock

FREQ	Prcnt	Code	Value and Description
5	0.1	1	12:01 am
		-	
2	0.0	2359	11:59 pm
3	0.1	2400	Midnight
20	0.4	9999	Unknown

Variable 110 NUM EVENTS RECORDED Width: 2 Type: Numeric
Dec: None Miss: None

Number of events recorded in the accident

FREQ	Prcnt	Code	Value and Description
2385	52.3	1	- Number of events
1	0.0	18	

Variable 111 MAXIMUM TREATMENT Width: 1 Type: Numeric
Dec: None Miss: 9

FREQ	Prcnt	Code	Value and Description
776	17.0	0	No treatment
382	8.4	1	Fatal
12	0.3	2	Fatal - ruled disease
1544	33.8	3	Hospitalization
1575	34.5	4	Transported and released
15	0.3	5	Treatment at scene
121	2.7	6	Treatment later
12	0.3	8	Treatment - other
126	2.8	9	Unknown

Variable 112 MAXIMUM KNOWN AIS Width: 1 Type: Numeric
Dec: None Miss: 9

FREQ	Prcnt	Code	Value and Description
674	14.8	0	Not injured
1819	39.9	1	Minor injury
781	17.1	2	Moderate injury
541	11.9	3	Serious injury
212	4.6	4	Severe injury
184	4.0	5	Critical injury
64	1.4	6	Maximum (untreatable) injury
261	5.7	7	Injury, unknown severity
27	0.6	9	Unknown if injured

Variable 113 NUM SERIOUSLY INJ OCC Width: 2 Type: Numeric
Dec: None Miss: 99

Total persons with TREATMENT-MORTALITY=1 or AIS=3-6

FREQ	Prcnt	Code	Value and Description
3485	76.4	0	None
921	20.2	1	

Variable 113: NUM SERIOUSLY INJ OCC (Continued)

FREQ	Prcnt	Code	Value and Description
		-	Number of persons
1	0.0	5	
3	0.1	99	Unknown

Variable 114	NUM INJURED OCCUPANTS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Total persons with TREATMENT-MORTALITY=1 or AIS=1-7

FREQ	Prcnt	Code	Value and Description
698	15.3	0	None
1772	38.8	1	
		-	Number of persons
1	0.0	15	
3	0.1	99	Unknown

Variable 115	ALCOHOL INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Was alcohol involved in the accident?

FREQ	Prcnt	Code	Value and Description
982	21.5	1	Yes
3048	66.8	2	No
533	11.7	9	Unknown

Variable 116	RATIO INFLATION FACTOR	Width: 8	Type: Numeric
		Dec: 3	Miss: None

Variable 117	DRUG INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Was drug usage involved in the accident?

FREQ	Prcnt	Code	Value and Description
141	3.1	1	Yes
3255	71.3	2	No
1167	25.6	9	Not Coded

NASS Crashworthiness Data System (CDS)
1993 - Accident

Variable 118	MANNER OF COLLISION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

FREQ	Prcnt	Code	Value and Description
1760	38.6	0	Not collision with vehicle in transport
600	13.1	1	Rear-end
265	5.8	2	Head-on
1656	36.3	4	Angle
118	2.6	5	Sideswipe, same direction
100	2.2	6	Sideswipe, opposite direction
64	1.4	9	Unknown

Variable 119	AOPS FATALITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

FREQ	Prcnt	Code	Value and Description
4529	99.3	0	No
34	0.7	1	Yes
0	0.0	9	Unknown

Variable 120	PSU STRATRUM	Width: 2	Type: Numeric
		Dec: None	Miss: None

The ACCIDENT EVENT SEQUENCE Variables

Variables 201 through 211 describe the accident event sequence.

<hr/> <u>Variable 201</u> <hr/>	<u>PSU NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None
<hr/> <u>Variable 202</u> <hr/>	<u>CASE NUMBER</u>	Width: 4	Type: Alphabetic
		Dec: None	Miss: None
<hr/> <u>Variable 203</u> <hr/>	<u>RECORD NUMBER</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None
	FREQ Prcnt	Code Value and Description	
	4563 100.0	2 Event record	
<hr/> <u>Variable 204</u> <hr/>	<u>VERSION NUMBER</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None
	FREQ Prcnt	Code Value and Description	
	4563 100.0	6 Version 6	
<hr/> <u>Variable 205</u> <hr/>	<u>EVENT SEQUENCE NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None
Chronological	sequence of events in the accident		
	FREQ Prcnt	Code Value and Description	
	4563 100.0	1 1st event	
<hr/> <u>Variable 206</u> <hr/>	<u>VEHICLE NUMBER (1)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None
	FREQ Prcnt	Code Value and Description	
	4503 98.7	1 Vehicle #1	
	51 1.1	2 Vehicle #2	
	9 0.2	3 Vehicle #3	

NASS Crashworthiness Data System (CDS)
1993 - Accident Event Sequence

Variable 207	CLASS OF VEHICLE (1)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcent	Code	Value and Description
0	0.0	0	Not a motor vehicle
1107	24.3	1	Subcompact/mini (wheelbase < 254 cm)
882	19.3	2	Compact (wheelbase => 254 but < 265 cm)
704	15.4	3	Intermediate (wheelbase => 265 but < 278 cm)
327	7.2	4	Full size (wheelbase => 278 but < 291 cm)
325	7.1	5	Largest (wheelbase > or = 291 cm)
50	1.1	9	Unknown passenger car size
182	4.0	11	Compact utility vehicle
60	1.3	12	Large utility vehicle (< or = 4,500 kgs GVWR)
184	4.0	13	Passenger van (< or = 4,500 kgs GVWR)
42	0.9	14	Other van (< or = 4,500 kgs GVWR)
578	12.7	15	Pickup truck (< or = 4,500 kgs GVWR)
10	0.2	18	Other truck (< or = 4,500 kgs GVWR)
6	0.1	19	Unknown light truck type
4	0.1	20	School bus
5	0.1	21	Other bus
37	0.8	22	Truck (> 4,500 kgs GVWR)
3	0.1	23	Tractor without trailer
47	1.0	24	Tractor-trailer(s)
4	0.1	25	Motored cycle
1	0.0	28	Other vehicle
5	0.1	99	Unknown

Variable 208	GEN AREA OF DAMAGE (1)	Width: 2	Type: Numeric
		Dec: None	Miss: None

FREQ	Prcent	Code	Value and Description
0	0.0	0	(0) Not a motor vehicle
2760	60.5	1	(F) Front
691	15.1	2	(R) Right Side
621	13.6	3	(L) Left Side
199	4.4	4	(B) Back or TDC: back of unit with cargo area (rear of trailer or straight truck)
0	0.0	5	(D) Back (rear of tractor)
0	0.0	6	(C) Rear of cab
1	0.0	7	(V) Front of cargo area
157	3.4	8	(T) Top
66	1.4	9	(U) Undercarriage
11	0.2	96	(N) Non-collision
57	1.2	99	(9) Unknown

NASS Crashworthiness Data System (CDS)
 1993 - Accident Event Sequence

Variable 209	VEH NUM (2)/OBJ CONTACT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Vehicle or object contacted

FREQ	Prcnt	Code	Value and Description
2720	59.6	2	Vehicle Number 2
72	1.6	3	Vehicle Number 3
11	0.2	4	Vehicle Number 4
Noncollision			
204	4.5	31	Overturn - rollover
0	0.0	32	Fire or explosion
1	0.0	33	Jackknife
0	0.0	34	Other intraunit damage
2	0.0	35	Noncollision injury
7	0.2	38	Other noncollision
1	0.0	39	Noncollision - details unknown
Collision with fixed object			
59	1.3	41	Tree (< or = 10 cm in diameter)
202	4.4	42	Tree (> 10 cm in diameter)
36	0.8	43	Shrubbery or bush
49	1.1	44	Embankment
17	0.4	45	Breakaway pole or post
Nonbreakaway pole or post			
105	2.3	50	Pole or post (< or = 10 cm in diameter)
151	3.3	51	Pole or post (> 10 or < or = 30 cm in diameter)
111	2.4	52	Pole or post (> 30 cm in diameter)
4	0.1	53	Pole, post - diameter unknown
85	1.9	54	Concrete traffic barrier
10	0.2	55	Impact attenuator
145	3.2	56	Other traffic barrier (includes guardrail)
39	0.9	57	Fence
20	0.4	58	Wall
7	0.2	59	Building
62	1.4	60	Ditch or culvert
28	0.6	61	Ground
10	0.2	62	Fire hydrant
124	2.7	63	Curb
36	0.8	64	Bridge
53	1.2	68	Other fixed object
0	0.0	69	Unknown fixed object
Collision with nonfixed object			
107	2.3	71	Motor vehicle not in-transport
4	0.1	72	Pedestrian
0	0.0	73	Cyclist or cycle
1	0.0	74	Other nonmotorist or conveyance
0	0.0	75	Vehicle occupant
28	0.6	76	Animal
12	0.3	77	Train
1	0.0	78	Trailer, disconnected in transport

Variable 209:VEH NUM (2)/OBJ CONTACT (Continued)

FREQ	Prcnt	Code	Value and Description
31	0.7	88	Other nonfixed object
2	0.0	89	Unknown nonfixed object
2	0.0	98	Other event
4	0.1	99	Unknown event or object

Variable 210	CLASS OF VEHICLE (2)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
1757	38.5	0	Not a motor vehicle
607	13.3	1	Subcompact/mini (wheelbase < 254 cm)
503	11.0	2	Compact (wheelbase => 254 but < 265 cm)
429	9.4	3	Intermediate (wheelbase => 265 but < 278 cm)
178	3.9	4	Full size (wheelbase => 278 but < 291 cm)
197	4.3	5	Largest (wheelbase > or = 291 cm)
29	0.6	9	Unknown passenger car size
111	2.4	11	Compact utility vehicle
43	0.9	12	Large utility vehicle (< or = 4,500 kgs GVWR)
122	2.7	13	Passenger van (< or = 4,500 kgs GVWR)
47	1.0	14	Other van (< or = 4,500 kgs GVWR)
363	8.0	15	Pickup truck (< or = 4,500 kgs GVWR)
10	0.2	18	Other truck (< or = 4,500 kgs GVWR)
2	0.0	19	Unknown light truck type
11	0.2	20	School bus
17	0.4	21	Other bus
36	0.8	22	Truck (> 4,500 kgs GVWR)
2	0.0	23	Tractor without trailer
79	1.7	24	Tractor-trailer(s)
7	0.2	25	Motored cycle
3	0.1	28	Other vehicle
10	0.2	99	Unknown

Variable 211	GEN AREA OF DAMAGE (2)	Width: 2	Type: Numeric
		Dec: None	Miss: None

FREQ	Prcnt	Code	Value and Description
1542	33.8	0	(0) Not a motor vehicle
1519	33.3	1	(F) Front
355	7.8	2	(R) Right Side
471	10.3	3	(L) Left Side
439	9.6	4	(B) Back or TDC: back of unit with cargo area (rear of trailer or straight truck)
1	0.0	5	(D) Back (rear of tractor)

Variable 211:GEN AREA OF DAMAGE (2) (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	6	(C) Rear of cab
0	0.0	7	(V) Front of cargo area
0	0.0	8	(T) Top
1	0.0	9	(U) Undercarriage
215	4.7	96	(N) Non-collision
20	0.4	99	(9) Unknown

The GENERAL VEHICLE Variables

Variables 301 through 387 describe the vehicles involved in the accident.

Variable 301	PSU NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None
Variable 302	CASE NUMBER	Width: 4 Dec: None	Type: Alphabetic Miss: None
Variable 303	RECORD NUMBER	Width: 1 Dec: None	Type: Numeric Miss: None
	FREQ Prcnt Code Value and Description		
	7912 100.0 3 General Vehicle record		
Variable 304	VERSION NUMBER	Width: 1 Dec: None	Type: Numeric Miss: None
	FREQ Prcnt Code Value and Description		
	7912 100.0 6 Version 6		
Variable 305	VEHICLE NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None
	FREQ Prcnt Code Value and Description		
	4563 57.7 1 Vehicle #1		
	2853 36.1 2 Vehicle #2		
	399 5.0 3 Vehicle #3		
	68 0.9 4 Vehicle #4		
	23 0.3 5 Vehicle #5		
	6 0.1 6 Vehicle #6		

NASS Crashworthiness Data System (CDS)
1993 - General Vehicle

Variable 306	MODEL YEAR	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcent	Code	Value and Description
1	0.0	56	1956
		-	
232	2.9	80	1980
255	3.2	81	1981
259	3.3	82	1982
346	4.4	83	1983
478	6.0	84	1984
549	6.9	85	1985
594	7.5	86	1986
617	7.8	87	1987
618	7.8	88	1988
646	8.2	89	1989
589	7.4	90	1990
602	7.6	91	1991
525	6.6	92	1992
467	5.9	93	1993
21	0.3	94	1994
80	1.0	99	Unknown

Variable 307	VEHICLE MAKE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcent	Code	Value and Description
21	0.3	1	American Motors
98	1.2	2	Jeep (includes AMC-Jeep, Kaiser)
3	0.0	3	AM General
132	1.7	6	Chrysler
382	4.8	7	Dodge
0	0.0	8	Imperial
175	2.2	9	Plymouth
11	0.1	10	Eagle
1406	17.8	12	Ford
71	0.9	13	Lincoln
259	3.3	14	Mercury
403	5.1	18	Buick
121	1.5	19	Cadillac
1594	20.1	20	Chevrolet
421	5.3	21	Oldsmobile
398	5.0	22	Pontiac
129	1.6	23	GMC
14	0.2	24	Saturn
2	0.0	25	Grumman
2	0.0	29	Other domestic
104	1.3	30	Volkswagen
3	0.0	31	Alfa Romeo
14	0.2	32	Audi
0	0.0	33	Austin/Austin Healey
39	0.5	34	BMW

Variable 307:VEHICLE MAKE (Continued)

FREQ	Prcnt	Code	Value and Description
389	4.9	35	Nissan/Datsun
1	0.0	36	Fiat
311	3.9	37	Honda
48	0.6	38	Isuzu
8	0.1	39	Jaguar
0	0.0	40	Lancia
165	2.1	41	Mazda
31	0.4	42	Mercedes Benz
4	0.1	43	MG
2	0.0	44	Peugeot
13	0.2	45	Porsche
15	0.2	46	Renault
16	0.2	47	Saab
73	0.9	48	Subaru
511	6.5	49	Toyota
0	0.0	50	Triumph
39	0.5	51	Volvo
59	0.7	52	Mitsubishi
14	0.2	53	Suzuki
37	0.5	54	Acura
93	1.2	55	Hyundai
5	0.1	56	Merkur
3	0.0	57	Yugo
4	0.1	58	Infiniti
9	0.1	59	Lexus
4	0.1	60	Daihatsu
4	0.1	61	Sterling
5	0.1	69	Other foreign
0	0.0	70	BSA
0	0.0	71	Ducati
2	0.0	72	Harley-Davidson
1	0.0	73	Kawasaki
0	0.0	74	Moto-Guzzi
0	0.0	75	Norton
4	0.1	76	Yamaha
0	0.0	78	Other make moped
0	0.0	79	Other motored cycle
0	0.0	80	Brockway
0	0.0	81	Diamond Reo, Reo
30	0.4	82	Freightliner/White Freightliner/White
1	0.0	83	FWD
62	0.8	84	International Harvester/Navistar
16	0.2	85	Kenworth
17	0.2	86	Mack
23	0.3	87	Peterbilt
0	0.0	88	Iveco/Magirus
27	0.3	98	Other make
64	0.8	99	Unknown make

NASS Crashworthiness Data System (CDS)
1993 - General Vehicle

Variable 308	MAKE/MODEL	Width: 5	Type: Numeric
		Dec: None	Miss: 99999

FREQ	Prcent	Code	Value and Description
------	--------	------	-----------------------

American Motors

0	0.0	1001	Rambler/American
0	0.0	1002	Rebel/Matador
0	0.0	1003	Ambassador
1	0.0	1004	Pacer
0	0.0	1005	AMX
0	0.0	1006	Javelin
10	0.1	1007	Hornet/Concord
5	0.1	1008	Spirit/Gremlin
5	0.1	1009	Eagle
0	0.0	1010	Eagle SX-4
0	0.0	1398	Other (automobile)
0	0.0	1399	Unknown (automobile)
0	0.0	1999	Unknown (vehicle)

Jeep

0	0.0	2401	CJ-2/CJ-3/CJ-4
12	0.2	2402	CJ-5/CJ-6/CJ-7/CJ-8
15	0.2	2403	YJ-Wrangler
39	0.5	2404	Cherokee (84 on)
7	0.1	2421	Cherokee (thru 83)
11	0.1	2431	Grand Wagoneer
5	0.1	2481	Pickup
8	0.1	2482	Comanche
0	0.0	2498	Other Light Truck
1	0.0	2499	Unk Light Truck
0	0.0	2999	Unknown vehicle

AM General

1	0.0	3401	Dispatcher (Post Office Jeep)
0	0.0	3421	Hummer
0	0.0	3466	Dispatcher DJ
0	0.0	3498	Other Light Truck
0	0.0	3499	Unk Light Truck
0	0.0	3884	Med/Hvy Truck
0	0.0	3898	Other Med/Hvy Truck
0	0.0	3899	Unk Med/Hvy Truck
1	0.0	3983	Bus rear engine
0	0.0	3988	Other Bus
1	0.0	3999	Unknown vehicle

Chrysler

4	0.1	6009	Cordoba
32	0.4	6010	Newport/New Yorker (thru 78)/5th Avenue/Imperial (79-81)
19	0.2	6014	New Yorker/E-Class/Imperial (90-on)/Fifth Avenue
6	0.1	6015	Laser
54	0.7	6016	Lebaron
10	0.1	6017	Lebaron GTS/GTC
1	0.0	6031	TC Maserati Sport
0	0.0	6035	Conquest
2	0.0	6041	Concorde

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	6398	Other Auto
2	0.0	6399	Unk Auto
1	0.0	6441	Town & Country (Minivan)
0	0.0	6498	Other Light Truck
1	0.0	6499	Unk Light Truck
0	0.0	6999	Unknown vehicle
Dodge			
5	0.1	7001	Dart
3	0.0	7002	Coronet/Magnum/Charger(thru 78)
4	0.1	7003	Polara/Monaco/Royal Monaco
0	0.0	7004	Viper
0	0.0	7005	Challenger
7	0.1	7006	Aspen
5	0.1	7007	Diplomat
26	0.3	7008	Omni/Charger(83 on)
0	0.0	7009	Mirada
0	0.0	7010	St Regis
32	0.4	7011	Aries (K)
2	0.0	7012	400
2	0.0	7013	Rampage (car based pickup)
5	0.1	7014	600
14	0.2	7015	Daytona
7	0.1	7016	Lancer
25	0.3	7017	Shadow
14	0.2	7018	Dynasty
13	0.2	7019	Spirit
0	0.0	7033	Challenger (import)
14	0.2	7034	Colt (excludes Vista)
0	0.0	7035	Conquest
5	0.1	7039	Stealth
1	0.0	7040	Monaco
2	0.0	7041	Intrepid
0	0.0	7398	Other Auto
3	0.0	7399	Unk Auto
0	0.0	7401	Raider
5	0.1	7421	Ramchager
3	0.0	7441	Vista
56	0.7	7442	Caravan
34	0.4	7461	B-series Van
0	0.0	7470	Van Derivative
15	0.2	7471	D50,Colt Pickup,Ram 50/100
35	0.4	7472	Dakota
41	0.5	7481	D,W-series Pickup
0	0.0	7498	Other lt Truck
2	0.0	7499	Unk lt Truck
0	0.0	7881	Med/hvy CBE
0	0.0	7882	Med/hvy COE low entry
0	0.0	7883	Med/hvy COE high entry
0	0.0	7884	Med/hvy unk engine location
0	0.0	7890	Med/hvy COE unk entry position
0	0.0	7898	Other med/hvy truck

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
1	0.0	7899	Unk med/hvy truck
0	0.0	7981	Medium Bus (not van based)
1	0.0	7988	Other Bus
0	0.0	7998	Other Veh
0	0.0	7999	Unknown veh
Imperial			
0	0.0	8010	Imperial
0	0.0	8398	Other Auto
0	0.0	8399	Unk Auto
0	0.0	8999	Unk Veh
Plymouth			
7	0.1	9001	Valiant/Scamp/Duster(thru 76)
2	0.0	9002	Satellite/Belvedere
3	0.0	9003	Fury
6	0.1	9004	Gran Fury
0	0.0	9005	Barracuda
7	0.1	9006	Volare'
5	0.1	9007	Caravelle
30	0.4	9008	Horizon
24	0.3	9011	Reliant (K)
1	0.0	9013	Scamp-auto based pickup
24	0.3	9017	Sundance
11	0.1	9019	Acclaim
0	0.0	9031	Cricket
0	0.0	9032	Arrow
1	0.0	9033	Sapporo import
12	0.2	9034	Champ/Colt (excludes Vista)
0	0.0	9035	Conquest
4	0.1	9037	Laser
0	0.0	9398	Other Auto
0	0.0	9399	Unk Auto
0	0.0	9421	Trailduster
0	0.0	9441	Vista
34	0.4	9442	Voyager (minivan)
3	0.0	9461	B-series Van (fullsize)
1	0.0	9471	Arrow Pickup (foreign)
0	0.0	9498	Other lt truck
0	0.0	9499	Unk lt truck
0	0.0	9999	Unknown vehicle
Eagle			
0	0.0	10034	Summit
7	0.1	10037	Talon
2	0.0	10040	Premier
0	0.0	10041	Vision
1	0.0	10044	Medallion
0	0.0	10398	Other Auto
0	0.0	10399	Unk Auto
1	0.0	10441	Summit Wagon
0	0.0	10498	Other lt truck

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	10499	Unk lt truck
0	0.0	10999	Unk vehicle
			Ford
2	0.0	12001	Falcon
3	0.0	12002	Fairlane
127	1.6	12003	Mustang/Mustang II
68	0.9	12004	Thunderbird
9	0.1	12005	Ltd II
39	0.5	12006	Ltd/Galaxy/Custom
3	0.0	12007	Ranchero
4	0.1	12008	Maverick
10	0.1	12009	Pinto
5	0.1	12010	Torino/Gran Torino/Elite
14	0.2	12011	Granada
28	0.4	12012	Fairmont
197	2.5	12013	Escort/EXP
100	1.3	12015	Tempo
39	0.5	12016	Crown Victoria
97	1.2	12017	Taurus
37	0.5	12018	Probe
0	0.0	12031	English Ford
2	0.0	12032	Fiesta
18	0.2	12033	Festiva
0	0.0	12034	Laser
0	0.0	12398	Other Auto
9	0.1	12399	Unk Auto
74	0.9	12401	Bronco II/Bronco(thru 77)/Explorer
18	0.2	12421	Bronco-fullsize (78 on)
40	0.5	12441	Aerostar
96	1.2	12461	E-series Van
5	0.1	12470	Van derivative
96	1.2	12471	Ranger
7	0.1	12472	Courier
212	2.7	12481	F-series Pickup
0	0.0	12498	Other lt truck
11	0.1	12499	Unk lt truck
19	0.2	12881	Med/Hvy CBE
0	0.0	12882	Med/Hvy COE low entry
2	0.0	12883	Med/Hvy COE high entry
5	0.1	12884	Med/Hvy unk engine location
2	0.0	12890	Med/Hvy COE unk entry position
1	0.0	12898	Other Med/Hvy truck
1	0.0	12899	Unk Med/Hvy truck
2	0.0	12981	Medium Bus
4	0.1	12988	Other Bus
0	0.0	12998	Other Vehicle
0	0.0	12999	Unknown vehicle
			Lincoln
50	0.6	13001	Town Car/Continental
12	0.2	13002	Mark I - VIII

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
6	0.1	13005	Continental (82 on)
1	0.0	13011	Versailles
1	0.0	13398	Other Auto
1	0.0	13399	Unk Auto
0	0.0	13999	Unk vehicle
Mercury			
0	0.0	14002	Cyclone
5	0.1	14003	Capri-domestic
49	0.6	14004	Cougar/XR7
60	0.8	14006	Marquis/Monterey
4	0.1	14008	Comet
1	0.0	14009	Bobcat
1	0.0	14010	Montego
4	0.1	14011	Monarch
6	0.1	14012	Zephyr
17	0.2	14013	Lynx/LN7 (82-83)
48	0.6	14015	Topaz
40	0.5	14017	Sable
5	0.1	14031	Capri-foreign
0	0.0	14033	Pantera
17	0.2	14036	Tracer
0	0.0	14398	Other Auto
1	0.0	14399	Unknown Auto
1	0.0	14443	Villager
0	0.0	14999	Unknown vehicle
Buick			
15	0.2	18001	Special/Skylark
84	1.1	18002	Lesabre/Wildcat/Centurion
48	0.6	18003	Electra/Electra 225/Park Avenue (91 on)
3	0.0	18004	Roadmaster
14	0.2	18005	Riviera
68	0.9	18007	Century
1	0.0	18008	Apollo/Skylark (75)
69	0.9	18010	Regal
29	0.4	18012	Skyhawk
24	0.3	18015	Skylark (76-85)
29	0.4	18018	Somerset/Skylark(86 on)
13	0.2	18020	Regal FWD
1	0.0	18021	Reatta
0	0.0	18031	Opel Kadette
0	0.0	18032	Opel Manta
0	0.0	18033	Opel GT
0	0.0	18034	Opel Isuzu
1	0.0	18398	Other Auto
4	0.1	18399	Unk Auto
0	0.0	18999	Unk vehicle
Cadillac			
80	1.0	19003	Deville/Fleetwood (except Limousine)
1	0.0	19004	Limousine

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
14	0.2	19005	Eldorado
0	0.0	19006	Commercial Series
1	0.0	19009	Allante'
18	0.2	19014	Seville
4	0.1	19016	Cimarron
0	0.0	19398	Other Auto
3	0.0	19399	Unk Auto
0	0.0	19999	Unk vehicle
Chevrolet			
41	0.5	20001	Malibu/Chevelle
156	2.0	20002	Caprice/Impala
17	0.2	20004	Corvette
0	0.0	20006	Corvair
11	0.1	20007	El Camino
29	0.4	20008	Nova (-79)
104	1.3	20009	Camaro
52	0.7	20010	Monte Carlo
3	0.0	20011	Vega
3	0.0	20012	Monza
45	0.6	20013	Chevette
22	0.3	20015	Citation
191	2.4	20016	Cavalier
73	0.9	20017	Celebrity
96	1.2	20019	Baretta/Corsica
42	0.5	20020	Lumina
24	0.3	20031	Spectrum
47	0.6	20032	Nova/Geo Prizm
11	0.1	20033	Sprint/Geo Sprint
27	0.3	20034	Geo Metro
16	0.2	20035	Geo Storm
1	0.0	20398	Other Auto
13	0.2	20399	Unk Auto
78	1.0	20401	S-10 Blazer
11	0.1	20402	Geo Tracker
23	0.3	20421	Blazer-fullsize
24	0.3	20431	Suburban
36	0.5	20441	Astro Van
5	0.1	20442	Lumina APV
51	0.6	20461	G-series Van
3	0.0	20466	P-series Van
2	0.0	20470	Van Derivative
81	1.0	20471	S-10,T-10
4	0.1	20472	LUV imported PU
226	2.9	20481	C,K,R,V-series Pickup
1	0.0	20498	Other lt truck
14	0.2	20499	Unk lt truck
5	0.1	20881	Med/Hvy CBE
0	0.0	20882	Med/Hvy COE low entry
0	0.0	20883	Med/Hvy COE high entry
1	0.0	20884	Med/Hvy Unk engine location
0	0.0	20890	Med/Hvy COE Unk entry position

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
2	0.0	20898	Other med/hvy trk
0	0.0	20899	Unk med/hvy trk
2	0.0	20981	Bus S-60 series
1	0.0	20988	Other Bus
0	0.0	20998	Other Vehicle
0	0.0	20999	Unknown vehicle
Oldsmobile			
145	1.8	21001	Cutlass (RWD only)
90	1.1	21002	Delta 88
46	0.6	21003	Ninety-Eight
12	0.2	21005	Toronado
0	0.0	21006	Commercial Series
0	0.0	21012	Starfire
9	0.1	21015	Omega
9	0.1	21016	Firenza
53	0.7	21017	Ciera
23	0.3	21018	Calais
26	0.3	21020	Cutlass (FWD)
3	0.0	21021	Achieva
2	0.0	21398	Other Auto
3	0.0	21399	Unknown Auto
0	0.0	21401	Bravada
0	0.0	21441	Silhouette
0	0.0	21498	Other lt trk
0	0.0	21499	Unk lt trk
0	0.0	21998	Other vehicle
0	0.0	21999	Unknown vehicle
Pontiac			
7	0.1	22001	Lemans/Tempest (thru 79)
73	0.9	22002	Bonneville/Catalina/Parisienne
14	0.2	22005	Fiero
1	0.0	22008	Ventura
40	0.5	22009	Firebird/Trans AM
23	0.3	22010	Grand Prix RWD
0	0.0	22011	Astre
11	0.1	22012	Sunbird (thru 80)
6	0.1	22013	T-1000/1000
4	0.1	22015	Phoenix
51	0.6	22016	J2000/2000/Sunbird(85 on)
40	0.5	22017	6000
83	1.0	22018	Grand AM
24	0.3	22020	Grand Prix FWD
13	0.2	22031	Lemans (88 on)
1	0.0	22398	Other Auto
5	0.1	22399	Unk Auto
2	0.0	22441	Trans Sport
0	0.0	22498	Other lt trk
0	0.0	22499	Unk lt trk
0	0.0	22999	Unknown vehicle

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
GMC			
0	0.0	23007	Caballero/Sprint
0	0.0	23398	Other Auto
0	0.0	23399	Unk Auto
17	0.2	23401	Jimmy/Typhoon S-15 based
4	0.1	23421	Jimmy fullsize/Yukon
8	0.1	23431	Suburban
8	0.1	23441	Safari (Minivan)
10	0.1	23461	G-series Van
0	0.0	23466	P-series Van
1	0.0	23470	Van Derivative
11	0.1	23471	S15/T15/Somona
43	0.5	23481	C,K,R,V-series Pickup
0	0.0	23498	Other lt truck
2	0.0	23499	Unk lt truck
13	0.2	23881	Med/Hvy CBE
0	0.0	23882	Med/Hvy COE low entry
1	0.0	23883	Med/Hvy COE high entry
2	0.0	23884	Med/Hvy Unk engine location
0	0.0	23890	Med/Hvy COE Unk entry postion
1	0.0	23898	Other med/hvy trk
2	0.0	23899	Unk med/hvy trk
0	0.0	23981	Bus B6000
5	0.1	23988	Other Bus
1	0.0	23999	Unknown vehicle
Saturn			
12	0.2	24001	SL
2	0.0	24002	SC
0	0.0	24003	SW
0	0.0	24398	Other Auto
0	0.0	24399	Unk Auto
0	0.0	24999	Unk vehicle
Grumman			
0	0.0	25441	LLV
0	0.0	25442	Step-in van
0	0.0	25498	Other lt truck
0	0.0	25499	Unk lt truck
0	0.0	25881	Med/Hvy CBE
0	0.0	25882	Med/Hvy COE low entry
0	0.0	25883	Med/Hvy COE high entry
0	0.0	25884	Med/Hvy Unk engine location
0	0.0	25890	Med/Hvy COE Unk entry postion
0	0.0	25898	Other med/hvy trk
0	0.0	25899	Unk med/hvy trk
2	0.0	25983	Bus flat front, rear engine
0	0.0	25988	Other Bus
0	0.0	25999	Unk vehicle
Other Domestic			
0	0.0	29001	Studebaker/Avanti

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	29002	Checker
0	0.0	29398	Other make
2	0.0	29399	Unknown make
Volkswagen			
2	0.0	30031	Karmann Ghia
12	0.2	30032	Beetle 1300/1500
3	0.0	30033	Super Beetle
0	0.0	30034	411/412
0	0.0	30035	Squareback/Fastback
18	0.2	30036	Rabbit
0	0.0	30037	Dasher
8	0.1	30038	Scirocco
26	0.3	30040	Jetta
4	0.1	30041	Quantum
11	0.1	30042	Golf
2	0.0	30043	Rabbit Pickup
9	0.1	30044	Fox
1	0.0	30045	Corrado
2	0.0	30046	Passat
0	0.0	30047	Jetta III
0	0.0	30048	Golf III
0	0.0	30398	Other Auto
1	0.0	30399	Unk Auto
0	0.0	30401	The Thing (181)
4	0.1	30441	Vanagon/Camper
0	0.0	30442	Eurovan
1	0.0	30498	Other lt truck
0	0.0	30499	Unk lt truck
0	0.0	30998	Other vehicle
0	0.0	30999	Unk vehicle
Alfa Romeo			
0	0.0	31031	Spider
1	0.0	31032	Sports Sedan
1	0.0	31033	Sprint Veloce
1	0.0	31034	GTV-6
0	0.0	31035	164
0	0.0	31398	Other Auto
0	0.0	31399	Unk Auto
0	0.0	31999	Unk vehicle
Audi			
0	0.0	32031	Super 90
1	0.0	32032	100
0	0.0	32033	Fox
6	0.1	32034	4000
5	0.1	32035	5000
2	0.0	32036	80/90
0	0.0	32037	200
0	0.0	32038	V-8 Quattro
0	0.0	32039	Coupe Quattro

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	32040	S4
0	0.0	32398	Other Auto
0	0.0	32399	Unk Auto
0	0.0	32999	Unk vehicle
Austin/Austin Healey			
0	0.0	33031	Marina
0	0.0	33032	America
0	0.0	33033	Healey Sprite
0	0.0	33034	Healey 3000
0	0.0	33035	Mini
0	0.0	33398	Other Auto
0	0.0	33399	Unk Auto
0	0.0	33999	Unk vehicle
BMW			
0	0.0	34031	1600,200Z
0	0.0	34032	Coupe
1	0.0	34033	Bavarian Sedan
26	0.3	34034	3-series
8	0.1	34035	5-series
0	0.0	34036	6-series
4	0.1	34037	7-series
0	0.0	34038	8-series
0	0.0	34398	Other Auto
0	0.0	34399	Unk Auto
0	0.0	34701	0-50cc
0	0.0	34702	51-124cc
0	0.0	34704	350-449cc
0	0.0	34705	450-749cc
0	0.0	34706	750cc & over
0	0.0	34709	Unk cc
0	0.0	34799	Unk motorcycle
0	0.0	34999	Unk vehicle
Nissan/Datsun			
0	0.0	35031	F-10
29	0.4	35032	200SX/240SX
17	0.2	35033	B210/210/1200
37	0.5	35034	Z-car, ZX
5	0.1	35035	310
4	0.1	35036	510
0	0.0	35037	610
1	0.0	35038	710
51	0.6	35039	810/Maxima
0	0.0	35040	Roadster
0	0.0	35041	PL411/RL411
21	0.3	35042	Stanza
103	1.3	35043	Sentra
13	0.2	35044	Pulsar
0	0.0	35045	Micra
1	0.0	35046	NX 1600/2000

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
6	0.1	35047	Altima
0	0.0	35398	Other Auto
3	0.0	35399	Unk Auto
14	0.2	35401	Pathfinder
0	0.0	35441	Van
1	0.0	35442	Axxess
1	0.0	35443	Quest
81	1.0	35471	Pickup
0	0.0	35498	Other lt truck
0	0.0	35499	Unk lt truck
1	0.0	35883	Med/Hvy COE high entry
0	0.0	35898	Other med/hvy truck
0	0.0	35899	Unk med/hvy truck
0	0.0	35999	Unk vehicle
Fiat			
0	0.0	36031	124 Coupe/Sedan
1	0.0	36032	124 Spider/Racer
0	0.0	36033	Brava/131
0	0.0	36034	850 Coupe/Spider
0	0.0	36035	128
0	0.0	36036	X-1/9
0	0.0	36037	Strada
0	0.0	36398	Other auto
0	0.0	36399	Unk auto
0	0.0	36882	Med/Hvy COE low entry
0	0.0	36883	Med/Hvy COE high entry
0	0.0	36890	Med/Hvy COE Unk Entry
0	0.0	36898	Other med/hvy truck
0	0.0	36899	Unk med/hvy truck
0	0.0	36999	Unk vehicle
Honda			
124	1.6	37031	Civic/CRX, del Sol
152	1.9	37032	Accord
30	0.4	37033	Prelude
0	0.0	37034	600
1	0.0	37398	Other Auto
2	0.0	37399	Unk Auto
0	0.0	37701	0-50cc
0	0.0	37702	51-124cc
0	0.0	37703	125-349cc
0	0.0	37704	350-449cc
0	0.0	37705	450-749cc
0	0.0	37706	750cc & over
2	0.0	37709	Unk cc
0	0.0	37731	ATC/ATV 0-50cc
0	0.0	37732	ATC/ATV 51-124cc
0	0.0	37733	ATC/ATV 125-349cc
0	0.0	37734	ATC/ATV 350cc & over
0	0.0	37739	ATC/ATV Unk cc
0	0.0	37799	Unk motored cycle

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	37999	Unk vehicle
			Isuzu
10	0.1	38031	I-Mark
6	0.1	38032	Impulse
1	0.0	38033	Stylus
0	0.0	38398	Other Auto
0	0.0	38399	Unk Auto
10	0.1	38401	Trooper/Trooper II
4	0.1	38402	Rodeo
4	0.1	38403	Amigo
10	0.1	38471	P'up Pickup
0	0.0	38498	Other lt truck
1	0.0	38499	Unk lt truck
0	0.0	38881	Med/Hvy CBE
0	0.0	38882	Med/Hvy COE low entry
0	0.0	38883	Med/Hvy COE high entry
1	0.0	38884	Med/Hvy unk engine location
1	0.0	38890	Med/Hvy COE unk entry position
0	0.0	38898	Other med/hvy trk
0	0.0	38899	Unk med/hvy trk
0	0.0	38981	Bus conventional front engine
0	0.0	38982	Bus front engine/flat front
0	0.0	38983	Bus rear engine/flat front
0	0.0	38988	Other Bus
0	0.0	38999	Unk vehicle
			Jaguar
0	0.0	39031	XJ-S Coupe
8	0.1	39032	XJ6/12 Sedan/Coupe
0	0.0	39033	XK-E
0	0.0	39398	Other Auto
0	0.0	39399	Unk Auto
0	0.0	39999	Unk vehicle
			Lancia
0	0.0	40031	Beta Sedan/HPE
0	0.0	40032	Beta Coupe/Zagato
0	0.0	40033	Scorpion
0	0.0	40398	Other Auto
0	0.0	40399	Unk Auto
0	0.0	40999	Unk vehicle
			Mazda
0	0.0	41031	RX2
0	0.0	41032	RX3
0	0.0	41033	RX4
28	0.4	41034	RX7
35	0.4	41035	GLC/323/Protege
1	0.0	41036	Cosmo
31	0.4	41037	626
0	0.0	41038	808

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	41039	Mizer
0	0.0	41040	R-100
0	0.0	41041	616/618
0	0.0	41042	1800
9	0.1	41043	929
9	0.1	41044	MX-6
5	0.1	41045	Miata
8	0.1	41046	MX-3
0	0.0	41398	Other auto
2	0.0	41399	Unk auto
0	0.0	41401	Navajo
6	0.1	41441	MPV
31	0.4	41471	Mazda Pickup
0	0.0	41498	Other lt truck
0	0.0	41499	Unk lt truck
0	0.0	41999	Unk vehicle
Mercedes Benz			
12	0.2	42031	200/220/230/240/250/260/280/300 Sedan/Coupe
0	0.0	42032	230/280 SL 2-pass
3	0.0	42033	300/350/380/450/500/560 SL 2-pass
1	0.0	42034	350/380/420/450/560 SLC
0	0.0	42035	280/300 SEL
4	0.1	42036	380/420/450/500/560 SEL, 500/560 SEC, 300/350 SDL
3	0.0	42037	300/380/450 SE
0	0.0	42038	600,6.9 Sedan
3	0.0	42039	190
0	0.0	42040	300
1	0.0	42398	Other auto
1	0.0	42399	Unk auto
0	0.0	42470	Van derivative
0	0.0	42498	Other lt truck
0	0.0	42499	Unk lt truck
0	0.0	42881	Med/Hvy CBE
0	0.0	42882	Med/Hvy COE low entry
1	0.0	42883	Med/Hvy COE high entry
0	0.0	42884	Med/Hvy unk engine location
1	0.0	42890	Med/Hvy COE unk entry position
0	0.0	42898	Other med/hvy trk
1	0.0	42899	Unk med/hvy trk
0	0.0	42981	Medium Bus
0	0.0	42988	Other Bus
0	0.0	42999	Unk vehicle
MG			
0	0.0	43031	Midget
2	0.0	43032	MGB (76-79)
0	0.0	43033	MGB GT (67-75)
0	0.0	43034	MGA
0	0.0	43035	TA/TC/TD/TF
0	0.0	43036	MGC
0	0.0	43398	Other auto

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
2	0.0	43399	Unk auto
0	0.0	43999	Unk vehicle
Peugeot			
0	0.0	44031	304
0	0.0	44032	403
0	0.0	44033	404
2	0.0	44034	504/505
0	0.0	44035	604
0	0.0	44036	405
0	0.0	44398	Other auto
0	0.0	44399	Unk auto
0	0.0	44701	0-50cc
0	0.0	44702	51-124cc
0	0.0	44709	Unk cc
0	0.0	44799	Unk motored cycle
0	0.0	44999	Unk vehicle
Porsche			
4	0.1	45031	911
0	0.0	45032	912
0	0.0	45033	914
2	0.0	45034	924
3	0.0	45035	928
0	0.0	45036	930
4	0.1	45037	944
0	0.0	45038	959
0	0.0	45039	968
0	0.0	45398	Oth auto
0	0.0	45399	Unk auto
0	0.0	45999	Unk vehicle
Renault			
1	0.0	46031	LeCar
0	0.0	46032	Dauphine/10/R-8/Caravelle
0	0.0	46033	12
0	0.0	46034	15
0	0.0	46035	16
0	0.0	46036	17
0	0.0	46037	R18i
0	0.0	46038	Fuego
13	0.2	46039	Alliance/Encore/GTA/Convertible
0	0.0	46041	Alpine
0	0.0	46044	Medallion
0	0.0	46045	Premier
0	0.0	46398	Other auto
1	0.0	46399	Unk auto
0	0.0	46999	Unk vehicle
Saab			
13	0.2	47031	99/99E/900
0	0.0	47032	Sonnett

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	47033	95/96/97
3	0.0	47034	9000
0	0.0	47398	Other auto
0	0.0	47399	Unk auto
0	0.0	47999	Unk vehicle
Subaru			
47	0.6	48031	DL/FE/G/GF/GL/GLF/STD/Loyale(90 on)
0	0.0	48032	Star
0	0.0	48033	360
17	0.2	48034	Legacy
5	0.1	48035	XT/XT6
1	0.0	48036	Justy
1	0.0	48037	SVX
0	0.0	48038	Impreza
1	0.0	48043	Brat
0	0.0	48398	Other auto
1	0.0	48399	Unk auto
0	0.0	48999	Unk vehicle
Toyota			
5	0.1	49031	Corona
125	1.6	49032	Corolla
58	0.7	49033	Celica
15	0.2	49034	Supra
16	0.2	49035	Cressida
0	0.0	49036	Crown
0	0.0	49037	Carina
58	0.7	49038	Tercel
1	0.0	49039	Starlet
85	1.1	49040	Camry
5	0.1	49041	MR-2
4	0.1	49042	Paseo
0	0.0	49398	Other auto
4	0.1	49399	Unk auto
13	0.2	49401	4-Runner
5	0.1	49421	Landcruiser
11	0.1	49441	Minivan (84-90)/Previa (91 on)
100	1.3	49471	Pickup
0	0.0	49481	T-100
2	0.0	49498	Other lt truck
4	0.1	49499	Unk lt truck
0	0.0	49999	Unk vehicle
Triumph			
0	0.0	50031	Spitfire
0	0.0	50032	GT-6
0	0.0	50033	TR4
0	0.0	50034	TR6
0	0.0	50035	TR7/TR8
0	0.0	50036	Herald
0	0.0	50037	Stag

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	50398	Other auto
0	0.0	50399	Unk auto
0	0.0	50701	0-50cc
0	0.0	50702	51-124 cc
0	0.0	50703	125-349 cc
0	0.0	50704	350-449 cc
0	0.0	50705	450-749 cc
0	0.0	50706	750cc & over
0	0.0	50709	Unk cc
0	0.0	50799	Unk motored cycle
0	0.0	50999	Unk vehicle
Volvo			
1	0.0	51031	122
0	0.0	51032	142/144/145
0	0.0	51033	164
19	0.2	51034	240/242/244/245
1	0.0	51035	262/264/265
0	0.0	51036	1800
0	0.0	51037	P-544
4	0.1	51038	760/780
8	0.1	51039	740
2	0.0	51040	940
0	0.0	51041	960
0	0.0	51042	850
0	0.0	51398	Other auto
1	0.0	51399	Unk auto
2	0.0	51881	Med/Hvy CBE
0	0.0	51882	Med/Hvy COE low entry
1	0.0	51883	Med/Hvy COE high entry
0	0.0	51884	Med/Hvy unk engine location
0	0.0	51890	Med/Hvy unk entry position
0	0.0	51898	Other med/hvy trk
0	0.0	51899	Unk med/hvy trk
0	0.0	51981	Medium bus
0	0.0	51988	Other bus
0	0.0	51999	Unk vehicle
Mitsubishi			
2	0.0	52031	Starion
2	0.0	52032	Tredia
1	0.0	52033	Cordia
9	0.1	52034	Galant
6	0.1	52035	Mirage
4	0.1	52036	Precis
11	0.1	52037	Eclipse
0	0.0	52038	Sigma
2	0.0	52039	3000 GT
3	0.0	52040	Diamonte
0	0.0	52398	Other auto
0	0.0	52399	Unk auto
4	0.1	52401	Montero

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
4	0.1	52441	Minivan
1	0.0	52442	Expo Wagon
7	0.1	52471	Pickup
0	0.0	52498	Other lt truck
0	0.0	52499	Unk lt truck
3	0.0	52882	Med/Hvy COE low entry
0	0.0	52898	Other med/hvy truck
0	0.0	52899	Unk med/hvy truck
0	0.0	52981	Bus conventional front engine
0	0.0	52982	Bus front engine/flat front
0	0.0	52983	Bus rear engine/flat front
0	0.0	52988	Other bus
0	0.0	52999	Unk vehicle
Suzuki			
0	0.0	53031	SA310
1	0.0	53034	Swift
0	0.0	53398	Other auto
0	0.0	53399	Unk auto
8	0.1	53401	Samarai
3	0.0	53402	Sidekick
0	0.0	53498	Other lt truck
0	0.0	53499	Unk lt truck
0	0.0	53701	0-50cc
0	0.0	53702	51-124cc
0	0.0	53703	125-349cc
0	0.0	53704	350-449cc
0	0.0	53705	450-749cc
1	0.0	53706	750cc & over
1	0.0	53709	Unk cc
0	0.0	53731	ATC/ATV 0-50cc
0	0.0	53732	ATC/ATV 51-124cc
0	0.0	53733	ATC/ATV 125-349cc
0	0.0	53734	ATC/ATV 350cc & over
0	0.0	53739	ATC/ATV unk cc
0	0.0	53799	Unk motored cycle
0	0.0	53999	Unk vehicle
Acura			
23	0.3	54031	Integra
13	0.2	54032	Legend
0	0.0	54033	NSX
1	0.0	54034	Vigor
0	0.0	54398	Other auto
0	0.0	54399	Unk auto
0	0.0	54999	Unk vehicle
Hyundai			
0	0.0	55031	Pony
82	1.0	55032	Excel
5	0.1	55033	Sonata
4	0.1	55034	Scoupe

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
2	0.0	55035	Elantra
0	0.0	55398	Other auto
0	0.0	55399	Unk auto
0	0.0	55999	Unk vehicle
Merkur			
3	0.0	56031	XR4Ti
2	0.0	56032	Scorpio
0	0.0	56398	Other auto
0	0.0	56399	Unk auto
0	0.0	56999	Unk vehicle
Yugo			
3	0.0	57031	GV
0	0.0	57398	Other auto
0	0.0	57399	Unk auto
0	0.0	57999	Unk vehicle
Infiniti			
1	0.0	58031	M30
3	0.0	58032	Q45
0	0.0	58033	G20
0	0.0	58034	J30
0	0.0	58398	Other auto
0	0.0	58399	Unk auto
0	0.0	58999	Unk vehicle
Lexus			
2	0.0	59031	ES-250/ES-300
7	0.1	59032	LS-400
0	0.0	59033	SC-400/SC-300
0	0.0	59398	Other auto
0	0.0	59399	Unk auto
0	0.0	59999	Unk vehicle
Daihatsu			
3	0.0	60031	Charade
0	0.0	60398	Other auto
0	0.0	60399	Unk auto
1	0.0	60401	Rocky
0	0.0	60498	Other lt trk
0	0.0	60499	Unk lt trk
0	0.0	60999	Unk vehicle
Sterling			
3	0.0	61031	827S
1	0.0	61398	Other auto
0	0.0	61399	Unk auto
0	0.0	61999	Unk vehicle
Other Imports			
0	0.0	69031	Aston Martin

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	69032	Bricklin
0	0.0	69033	Citroen
0	0.0	69034	Delorean
1	0.0	69035	Ferrari
0	0.0	69036	Hillman
0	0.0	69037	Jensen
0	0.0	69038	Lamborghini
0	0.0	69039	Lotus
0	0.0	69040	Maserati
1	0.0	69041	Morris
0	0.0	69042	Rolls Royce/Bentley
2	0.0	69043	Rover
0	0.0	69044	Simca
0	0.0	69045	Sunbeam
0	0.0	69046	TVR
0	0.0	69048	Desta
0	0.0	69049	Reliant
1	0.0	69052	Bertone
0	0.0	69053	Lada
0	0.0	69398	Other make
0	0.0	69399	Unk make
BSA			
0	0.0	70701	0-50cc
0	0.0	70702	51-124cc
0	0.0	70703	125-349cc
0	0.0	70704	350-449cc
0	0.0	70705	450-749cc
0	0.0	70706	750cc & over
0	0.0	70709	Unk cc
0	0.0	70798	Oth motored cycle
0	0.0	70799	Unk motorcycle
Ducati			
0	0.0	71701	0-50cc
0	0.0	71702	51-124cc
0	0.0	71703	125-349cc
0	0.0	71704	350-449cc
0	0.0	71705	450-749cc
0	0.0	71706	750cc & over
0	0.0	71709	Unk cc
0	0.0	71798	Oth motored cycle
0	0.0	71799	Unk motorcycle
Harley-Davidson			
1	0.0	72701	0-50cc
0	0.0	72702	51-124cc
0	0.0	72703	125-349cc
0	0.0	72704	350-449cc
0	0.0	72705	450-749cc
1	0.0	72706	750cc & over
0	0.0	72709	Unk cc

Variable 308:MAKE/MODEL (Continued)

FREQ Prcnt Code Value and Description

0 0.0 72798 Oth motored cycle
 0 0.0 72799 Unk motorcycle

Kawaski

0 0.0 73701 0-50cc
 0 0.0 73702 51-124cc
 0 0.0 73703 125-349cc
 0 0.0 73704 350-449cc
 0 0.0 73705 450-749cc
 1 0.0 73706 750cc & over
 0 0.0 73709 Unk cc
 0 0.0 73731 ATC/ATV 0-50cc
 0 0.0 73732 ATC/ATV 51-124cc
 0 0.0 73733 ATC/ATV 125-349cc
 0 0.0 73734 ATC/ATV 350cc & over
 0 0.0 73739 ATC/ATV unk cc
 0 0.0 73798 Oth motored cycle
 0 0.0 73799 Unk motorcycle

Moto-Guzzi

0 0.0 74701 0-50cc
 0 0.0 74702 51-124cc
 0 0.0 74703 125-349cc
 0 0.0 74704 350-449cc
 0 0.0 74705 450-749cc
 0 0.0 74706 750cc & over
 0 0.0 74709 Unk cc
 0 0.0 74798 Oth motored cycle
 0 0.0 74799 Unk motorcycle

Norton

0 0.0 75701 0-50cc
 0 0.0 75702 51-124cc
 0 0.0 75703 125-349cc
 0 0.0 75704 350-449cc
 0 0.0 75705 450-749cc
 0 0.0 75706 750cc & over
 0 0.0 75709 Unk cc
 0 0.0 75798 Oth motored cycle
 0 0.0 75799 Unk motorcycle

Yamaha

0 0.0 76701 0-50cc
 0 0.0 76702 51-124cc
 0 0.0 76703 125-349cc
 1 0.0 76704 350-449cc
 1 0.0 76705 450-749cc
 1 0.0 76706 750cc & over
 1 0.0 76709 Unk cc
 0 0.0 76731 ATC/ATV 0-50cc
 0 0.0 76732 ATC/ATV 51-124cc
 0 0.0 76733 ATC/ATV 125-349cc

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	76734	ATC/ATV 350cc & over
0	0.0	76739	ATC/ATV unk cc
0	0.0	76798	Oth motored cycle
0	0.0	76799	Unk motorcycle
All Make Moped			
0	0.0	78701	0-50cc
0	0.0	78702	51-124cc
0	0.0	78703	125-349cc
0	0.0	78704	350-449cc
0	0.0	78705	450-749cc
0	0.0	78706	750cc & over
0	0.0	78709	Unk cc
0	0.0	78798	Oth motored cycle
0	0.0	78799	Unk motorcycle
Other Motored Cycle			
0	0.0	79701	0-50cc
0	0.0	79702	51-124cc
0	0.0	79703	125-349cc
0	0.0	79704	350-449cc
0	0.0	79705	450-749cc
0	0.0	79706	750cc & over
0	0.0	79709	Unk cc
0	0.0	79731	ATC/ATV 0-50cc
0	0.0	79732	ATC/ATV 51-124cc
0	0.0	79733	ATC/ATV 125-349cc
0	0.0	79734	ATC/ATV 350cc & over
0	0.0	79739	ATC/ATV unk cc
0	0.0	79798	Oth motored cycle
0	0.0	79799	Unk motorcycle
Brockway			
0	0.0	80850	M/H truck based motorhome
0	0.0	80881	Med/Hvy CBE
0	0.0	80882	Med/Hvy COE low entry
0	0.0	80883	Med/Hvy COE high entry
0	0.0	80884	Med/Hvy Unk engine location
0	0.0	80890	Med/Hvy COE Unk entry position
0	0.0	80898	Other med/hvy trk
0	0.0	80899	Unk med/hvy trk
0	0.0	80950	Bus based Motorhome
0	0.0	80988	Other bus
0	0.0	80989	Unknown bus type
0	0.0	80999	Unknown vehicle
Diamond Reo/Reo			
0	0.0	81850	M/H truck based motorhome
0	0.0	81881	Med/Hvy CBE
0	0.0	81882	Med/Hvy COE low entry
0	0.0	81883	Med/Hvy COE high entry
0	0.0	81884	Med/Hvy Unk engine location

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	81890	Med/Hvy COE Unk entry position
0	0.0	81898	Other med/hvy trk
0	0.0	81899	Unk med/hvy trk
0	0.0	81950	Bus based Motorhome
0	0.0	81988	Other bus
0	0.0	81989	Unknown bus type
0	0.0	81999	Unknown vehicle
Freightliner/White			
0	0.0	82850	M/H truck based motorhome
7	0.1	82881	Med/Hvy CBE
1	0.0	82882	Med/Hvy COE low entry
2	0.0	82883	Med/Hvy COE high entry
8	0.1	82884	Med/Hvy Unk engine location
8	0.1	82890	Med/Hvy COE Unk entry position
0	0.0	82898	Other med/hvy trk
4	0.1	82899	Unk med/hvy trk
0	0.0	82950	Bus based Motorhome
0	0.0	82988	Other bus
0	0.0	82989	Unknown bus type
0	0.0	82999	Unknown vehicle
FWD			
0	0.0	83850	M/H truck based motorhome
0	0.0	83881	Med/Hvy CBE
0	0.0	83882	Med/Hvy COE low entry
0	0.0	83883	Med/Hvy COE high entry
1	0.0	83884	Med/Hvy Unk engine location
0	0.0	83890	Med/Hvy COE Unk entry position
0	0.0	83898	Other med/hvy trk
0	0.0	83899	Unk med/hvy trk
0	0.0	83950	Bus based Motorhome
0	0.0	83988	Other bus
0	0.0	83989	Unknown bus type
0	0.0	83999	Unknown vehicle
International Harvester/Navistar			
2	0.0	84421	Scout
0	0.0	84431	Travelall
0	0.0	84466	Multistop Van
1	0.0	84481	Pickup
0	0.0	84498	Other lt trk
0	0.0	84499	Unk lt trk
0	0.0	84850	M/H truck based motorhome
8	0.1	84881	Med/Hvy CBE
4	0.1	84882	Med/Hvy COE low entry
15	0.2	84883	Med/Hvy COE high entry
6	0.1	84884	Med/Hvy unk engine location
6	0.1	84890	Med/Hvy COE unk entry position
1	0.0	84898	Other med/hvy trk
9	0.1	84899	Unk med/hvy trk
0	0.0	84950	Bus based Motorhome

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
8	0.1	84981	Conventional Bus
0	0.0	84982	Bus-flat front, front engine
0	0.0	84983	Bus-flat front, rear engine
2	0.0	84988	Other bus
0	0.0	84998	Other vehicle
0	0.0	84999	Unk vehicle
Kenworth			
0	0.0	85850	M/H truck based motorhome
5	0.1	85881	Med/Hvy CBE
1	0.0	85882	Med/Hvy COE low entry
0	0.0	85883	Med/Hvy COE high entry
6	0.1	85884	Med/Hvy Unk engine location
2	0.0	85890	Med/Hvy COE Unk entry position
0	0.0	85898	Other med/hvy trk
2	0.0	85899	Unk med/hvy trk
0	0.0	85950	Bus based Motorhome
0	0.0	85988	Other bus
0	0.0	85989	Unknown bus type
0	0.0	85999	Unknown
Mack			
0	0.0	86850	M/H truck based motorhome
7	0.1	86881	Med/Hvy CBE
1	0.0	86882	Med/Hvy COE low entry
3	0.0	86883	Med/Hvy COE high entry
3	0.0	86884	Med/Hvy Unk engine location
1	0.0	86890	Med/Hvy COE Unk entry position
0	0.0	86898	Other med/hvy trk
2	0.0	86899	Unk med/hvy trk
0	0.0	86950	Bus based Motorhome
0	0.0	86988	Other bus
0	0.0	86989	Unknown bus type
0	0.0	86999	Unknown
Peterbilt			
0	0.0	87850	M/H truck based motorhome
10	0.1	87881	Med/Hvy CBE
0	0.0	87882	Med/Hvy COE low entry
2	0.0	87883	Med/Hvy COE high entry
7	0.1	87884	Med/Hvy Unk engine location
0	0.0	87890	Med/Hvy COE Unk entry position
0	0.0	87898	Other med/hvy trk
4	0.1	87899	Unk med/hvy trk
0	0.0	87950	Bus based Motorhome
0	0.0	87988	Other bus
0	0.0	87989	Unknown bus type
0	0.0	87999	Unknown
Iveco/Magirus			
0	0.0	88850	M/H truck based motorhome
0	0.0	88881	Med/Hvy CBE

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	88882	Med/Hvy COE low entry
0	0.0	88883	Med/Hvy COE high entry
0	0.0	88884	Med/Hvy Unk engine location
0	0.0	88890	Med/Hvy COE Unk entry position
0	0.0	88898	Other med/hvy trk
0	0.0	88899	Unk med/hvy trk
0	0.0	88950	Bus based Motorhome
0	0.0	88988	Other bus
0	0.0	88989	Unknown bus type
0	0.0	88999	Unknown
Other Make			
2	0.0	98801	AUTOCAR
0	0.0	98802	AUTO-UNION-DKW
0	0.0	98803	DIVCO
1	0.0	98804	WESTERN STAR
1	0.0	98805	OSHKOSH
0	0.0	98806	HINO
1	0.0	98807	SCANIA
0	0.0	98850	M/H truck based motorhome
0	0.0	98898	Other med/hvy trk
4	0.1	98902	NEOPLAN Bus
0	0.0	98950	Bus based Motorhome
11	0.1	98988	Other bus
7	0.1	98998	Other vehicle
0	0.0	98999	Unk vehicle
Unknown Make			
20	0.3	99399	Unknown automobile
7	0.1	99499	Unknown light truck
0	0.0	99701	Motorcycle 0-50cc
0	0.0	99702	Motorcycle 51-124cc
0	0.0	99703	Motorcycle 125-349cc
0	0.0	99704	Motorcycle 350-449cc
0	0.0	99705	Motorcycle 450-749cc
0	0.0	99706	Motorcycle 750cc & over
0	0.0	99709	Unknown cc
0	0.0	99731	ATC/ATV 0-50cc
0	0.0	99732	ATC/ATV 51-124cc
0	0.0	99733	ATC/ATV 125-349cc
0	0.0	99734	ATC/ATV 350-449cc
0	0.0	99739	ATC/ATV unk cc
1	0.0	99799	Unknown motored cycle
0	0.0	99850	M/H truck based motorhome
0	0.0	99881	Med/Hvy CBE
0	0.0	99882	Med/Hvy COE low entry
0	0.0	99883	Med/Hvy COE high entry
0	0.0	99884	Med/Hvy unk engine location
0	0.0	99890	Med/Hvy COE unk entry position
0	0.0	99898	Other med/hvy trk
16	0.2	99899	Unk med/hvy trk
0	0.0	99950	Bus based Motorhome

Variable 308:MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	99981	Conventional bus
0	0.0	99982	Bus front engine
0	0.0	99983	Bus rear engine
0	0.0	99988	Other bus
1	0.0	99989	Unknown bus type
0	0.0	99998	Other vehicle
19	0.2	99999	Unk vehicle

Variable 309	BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
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Automobiles

68	0.9	1	Convertible (excludes sun roof, t-bar)
1538	19.4	2	2-door sedan, hardtop, coupe
949	12.0	3	3-door/2-door hatchback
2518	31.8	4	4-door sedan, hardtop
222	2.8	5	5-door/4-door hatchback
305	3.9	6	Station Wagon (excluding van and truck based)
1	0.0	7	Hatchback, number of doors unknown
3	0.0	8	Other automobile type
76	1.0	9	Unknown automobile type

Automobile Derivatives

18	0.2	10	Auto based pickup (includes El Camino, Caballero, Ranchero, Brat and Rabbit pickup)
0	0.0	11	Auto based panel (cargo station wagon, includes auto based ambulance/hearse)
1	0.0	12	Large limousine - more than four side doors or stretched chassis
1	0.0	13	Three-wheel automobile or automobile derivative

Utility Vehicles (< 4,501 kgs GVWR)

309	3.9	14	Compact utility (includes Jeep CJ-2 thru Jeep CJ-7, Renegade, Wrangler, Navajo, Bronco, Thing)
66	0.8	15	Large utility (includes Jeep Cherokee, Ram Charger, Trailduster, fullsize Blazer, Scout)
42	0.5	16	Utility station wagon (Chevy Suburban, GMC Suburban, Travelall, Grand Wagoneer, includes suburban limousine)
3	0.0	19	Utility unknown body type

Van Based Light Trucks (< 4,501 kgs GVWR)

214	2.7	20	Minivan (Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
191	2.4	21	Large van (Sportsman, Royal, Ram, Chevy Van, Voyager-Pre83, Econoline, etc.)
1	0.0	22	Step van or walk-in van (< 4,501 kgs GVWR)
0	0.0	23	Van based motorhome (< 4,501 kgs GVWR)
3	0.0	24	Van based school bus (< 4,501 kgs GVWR)

Variable 309:BODY TYPE (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	25	Van based other bus (< 4,501 kgs GVWR)
11	0.1	28	Other van type (Hi-Cube Van, Kary)
11	0.1	29	Unknown van type
Lt Conventional Truck (P.U. style cab, < 4,501 kgs. GVWR)			
481	6.1	30	Compact pickup (Ram 50, Dakota, Arrow Pickup, Ranger, Toyota Pickup, etc.)
514	6.5	31	Large pickup (Jeep Pickup, Comanche, Siverado, Sierra, etc.)
1	0.0	32	Pickup with slide-in camper
0	0.0	33	Convertible pickup
18	0.2	39	Unknown (pickup style) light conventional truck
Other Light Trucks (< or = 4,500 kgs. GVWR)			
20	0.3	40	Cab chassis based (includes rescue vehicle, light stake, dump, and tow truck)
0	0.0	41	Truck based panel
0	0.0	42	Light truck based motorhome (chassis mounted)
2	0.0	45	Other light conventional truck type
11	0.1	48	Unknown light truck type
3	0.0	49	Unknown light vehicle type (automobile, van, or light truck)
Buses (excludes van based)			
21	0.3	50	School bus (designed to carry students, not cross country or transit)
22	0.3	58	Other bus type (e.g., transit, intercity, bus based motorhome)
2	0.0	59	Unknown bus type
Medium/Heavy Trucks (> 4,500 kgs GVWR)			
3	0.0	60	Step van (> 4,500 kgs GVWR)
6	0.1	61	Single unit straight truck (4,500 kgs < GVWR < or = 8,850 kgs)
10	0.1	62	Single unit straight truck (8,850 kgs < GVWR < or = 12,000 kgs)
27	0.3	63	Single unit straight truck (>12,000 kgs GVWR)
17	0.2	64	Single unit straight truck, GVWR unknown
0	0.0	65	Medium/heavy truck based motorhome
6	0.1	67	Truck-tractor with no cargo trailer
129	1.6	68	Truck-tractor pulling one trailer
5	0.1	69	Truck-tractor pulling two or more trailers
5	0.1	70	Truck-tractor (unknown if pulling trailer)
18	0.2	78	Unknown medium/heavy truck type
3	0.0	79	Unknown truck type (light/medium/heavy)
Motored Cycles (Does not include atv/atc)			
12	0.2	80	Motorcycle
0	0.0	81	Moped (motorized bicycle)
0	0.0	82	Three-wheel motorcycle or moped
0	0.0	88	Other motored cycle type (minibike, motorscooter)
0	0.0	89	Unknown motored cycle type

Variable 309:BODY TYPE (Continued)

FREQ Prcnt Code Value and Description

Other Vehicles

0	0.0	90	ATV (all terrain vehicle including dune/swamp buggy) and ATC (all terrain cycle)
0	0.0	91	Snowmobile
2	0.0	92	Farm equipment
1	0.0	93	Construction equipment other than trucks
1	0.0	97	Other type vehicle
21	0.3	99	Unknown body type

Variable 310	VIN	Width: 10	Type: Alphabetic
		Dec: None	Miss: None

Variable 311	VIN - CHARACTER #1	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 312	VIN - CHARACTER #2	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 313	VIN - CHARACTER #3	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 314	VIN - CHARACTER #4	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 315	VIN - CHARACTER #5	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 316	VIN - CHARACTER #6	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 317	VIN - CHARACTER #7	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 318	VIN - CHARACTER #8	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 319	VIN - CHARACTER #9	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 320	VIN - CHARACTER #10	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 321	VEHICLE DISPOSITION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Police reported vehicle disposition

FREQ	Prcnt	Code	Value and Description
1257	15.9	0	Not towed due to vehicle damage
6647	84.0	1	Towed due to vehicle damage
8	0.1	9	Unknown

Variable 322	TRAVEL SPEED (KPH)	Width: 3	Type: Numeric
		Dec: None	Miss: 999

FREQ	Prcnt	Code	Value and Description
553	7.0	0	Stopped vehicle or traveling less than 0.5 kph
2	0.0	2	- Police reported travel speed (KPH)
1	0.0	158	
6	0.1	160	159.5 KPH or greater
5537	70.0	999	Unknown

Variable 323	ALCOHOL PRESENCE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Police reported alcohol presence

FREQ	Prcnt	Code	Value and Description
6269	79.2	0	No alcohol present
916	11.6	1	Yes (alcohol present)

Variable 323:ALCOHOL PRESENCE (Continued)

FREQ	Prcnt	Code	Value and Description
443	5.6	7	Not reported
27	0.3	8	No driver present
257	3.2	9	Unknown

Variable 324	ALCOHOL TEST RESULT	Width: 2	Type: Numeric
		Dec: 2	Miss: 0.99

Alcohol test result for driver

FREQ	Prcnt	Code	Value and Description
312	3.9	0.00	- Actual value X 100
1	0.0	0.44	
36	0.5	0.95	Test refused
6531	82.5	0.96	None given
260	3.3	0.97	AC test performed, results unknown
27	0.3	0.98	No driver present
180	2.3	0.99	Unknown

Variable 325	SPEED LIMIT (KPH)	Width: 3	Type: Numeric
		Dec: None	Miss: 999

FREQ	Prcnt	Code	Value and Description
36	0.5	0	No statutory limit
3	0.0	8	8 KPH (5mph)
		-	Posted or statutory limit
135	1.7	105	105 KPH (65mph)
30	0.4	999	Unknown

Variable 326	ATTEMPTED AVOID MANEUVER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Attempted avoidance maneuver

FREQ	Prcnt	Code	Value and Description
0	0.0	0	No impact
3007	38.0	1	No avoidance actions
456	5.8	2	Braking (no lockup)
653	8.3	3	Braking (lockup)
145	1.8	4	Braking (lockup unknown)
5	0.1	5	Releasing brakes
208	2.6	6	Steering left
254	3.2	7	Steering right

Variable 326:ATTEMPTED AVOID MANEUVER (Continued)

FREQ	Prcnt	Code	Value and Description
287	3.6	8	Braking and steering left
327	4.1	9	Braking and steering right
50	0.6	10	Accelerating
17	0.2	11	Accelerating and steering left
8	0.1	12	Accelerating and steering right
27	0.3	97	No driver present
68	0.9	98	Other action
2400	30.3	99	Unknown

Variable 327 ACCIDENT TYPE Width: 2 Type: Numeric
 Dec: None Miss: 99

FREQ	Prcnt	Code	Value and Description
11	0.1	0	No impact
386	4.9	1	- Diagram number (see appendix)
14	0.2	93	
684	8.6	98	Other accident type
6	0.1	99	Unknown or no driver present

Variable 328 DRIVER PRESENCE Width: 1 Type: Numeric
 Dec: None Miss: 9

FREQ	Prcnt	Code	Value and Description
27	0.3	0	Driver not present
7573	95.7	1	Driver present
311	3.9	8	Inapplicable - Body Type (V309) = 50-99
1	0.0	9	Unknown

Variable 329 NUMBER OF OCCUPANTS Width: 2 Type: Numeric
 Dec: None Miss: 99

FREQ	Prcnt	Code	Value and Description
20	0.3	0	- Actual number of occupants for vehicle
1	0.0	15	
0	0.0	97	97 or more
311	3.9	98	Inapplicable - Body Type (V309) = 50-99
42	0.5	99	Unknown

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Variable 330	NUMBER OCCUPANT FORMS	Width: 2	Type: Numeric
		Dec: None	Miss: None

NUMBER OF OCCUPANT FORMS SUBMITTED

FREQ	Prcnt	Code	Value and Description
883	11.2	0	- Number of occupant forms
1	0.0	15	
311	3.9	98	Inapplicable - Body Type (V309) = 50-99

Variable 331	CURB WEIGHT	Width: 3	Type: Numeric
		Dec: None	Miss: 999

FREQ	Prcnt	Code	Value and Description
1	0.0	64	Less than 640 kilograms - Weight (to nearest 10 kilograms)
1	0.0	544	
0	0.0	610	6,100 kilograms or more
311	3.9	998	Inapplicable - Body Type (V309) = 50-99
430	5.4	999	Unknown

Variable 332	CARGO WEIGHT	Width: 3	Type: Numeric
		Dec: None	Miss: 999

FREQ	Prcnt	Code	Value and Description
5127	64.8	0	Less than 5 kilograms
193	2.4	1	- Weight (to nearest 10 kilograms)
1	0.0	363	
1	0.0	450	4,500 kilograms or more
311	3.9	998	Inapplicable - Body Type (V309) = 50-99
1627	20.6	999	Unknown

Variable 333	TOWED TRAILING UNIT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

FREQ	Prcnt	Code	Value and Description
7566	95.6	0	No towed unit
29	0.4	1	Yes - towed trailing unit
311	3.9	8	Inapplicable - Body Type (V309) = 50-99
6	0.1	9	Unknown

Variable 334	TRAJECTORY DATA DOC	Width: 1	Type: Numeric
		Dec: None	Miss: None

Documentation of trajectory data for this vehicle?

FREQ	Prcnt	Code	Value and Description
6556	82.9	0	No
1045	13.2	1	Yes
311	3.9	8	Inapplicable - Body Type (V309) = 50-99

Variable 335	POST COLL TREE/POLE COND	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Post collision condition of tree or pole

FREQ	Prcnt	Code	Value and Description
6869	86.8	0	Not collision (for highest delta V) with tree or pole
507	6.4	1	Not damaged
82	1.0	2	Cracked/sheared
33	0.4	3	Tilted < 45 degrees
11	0.1	4	Tilted > or = 45 degrees
22	0.3	5	Uprooted tree
16	0.2	6	Separated pole from base
44	0.6	7	Pole replaced
318	4.0	8	Other or Body Type (V309) = 50-99
10	0.1	9	Unknown

Variable 336	ROLLOVER	Width: 1	Type: Numeric
		Dec: None	Miss: 9

FREQ	Prcnt	Code	Value and Description
6916	87.4	0	No rollover (no overturning)
			Rollover (primarily about the longitudinal axis)
129	1.6	1	Rollover - one quarter turn only
214	2.7	2	Rollover - two quarter turns
31	0.4	3	Rollover - three quarter turns
248	3.1	4	Rollover - four quarter turns or more
			Rollover (primarily about the lateral axis)
25	0.3	5	Rollover - end-over-end
311	3.9	8	Inapplicable - Body Type (V309) = 50-99
38	0.5	9	Rollover (overturn) - details unknown

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Variable 337	FRONT OVERRIDE/UNDERRIDE		Width: 1	Type: Numeric
			Dec: None	Miss: 9
	FREQ	Prcnt	Code Value and Description	
	6569	83.0	0 No override or underride or vehicle not applicable to CDC or TDC	
			Override	
	56	0.7	1 First CDC	
	4	0.1	2 Second CDC	
	1	0.0	3 Other nonautomated CDC	
			Underride	
	129	1.6	4 First CDC	
	12	0.2	5 Second CDC	
	0	0.0	6 Other nonautomated CDC	
	34	0.4	7 Medium or heavy truck override or underride	
	311	3.9	8 Inapplicable - Body Type (V309) = 50-99	
	796	10.1	9 Unknown	

Variable 338	REAR OVERRIDE/UNDERRIDE		Width: 1	Type: Numeric
			Dec: None	Miss: 9
	FREQ	Prcnt	Code Value and Description	
	7090	89.6	0 No override or underride or vehicle not applicable to CDC or TDC	
			Override	
	60	0.8	1 First CDC	
	6	0.1	2 Second CDC	
	0	0.0	3 Other nonautomated CDC	
			Underride	
	29	0.4	4 First CDC	
	3	0.0	5 Second CDC	
	1	0.0	6 Other nonautomated CDC	
	12	0.2	7 Medium or heavy truck override or underride	
	311	3.9	8 Inapplicable - Body Type (V309) = 50-99	
	400	5.1	9 Unknown	

Variable 339	<u>HEADING ANGLE - THIS VEH</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Heading angle for this vehicle

FREQ	Prcnt	Code	Value and Description
599	7.6	0	- Actual coded value
3	0.0	359	
311	3.9	996	Inapplicable - Body Type (V309) = 50-99
392	5.0	997	Noncollision
1359	17.2	998	Impact with object
39	0.5	999	Unknown

Variable 340	<u>HEADING ANGLE - OTH VEH</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Heading angle for other vehicle

FREQ	Prcnt	Code	Value and Description
590	7.5	0	- Actual coded value
2	0.0	359	
311	3.9	996	Inapplicable - Body Type (V309) = 50-99
392	5.0	997	Noncollision
1359	17.2	998	Impact with object
45	0.6	999	Unknown

Variable 341	<u>BASIS FOR TOTAL DELTA-V</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

FREQ	Prcnt	Code	Value and Description
Delta V calculated			
2329	29.4	1	CRASH program - damage only routine
23	0.3	2	CRASH program - damage and trajectory routine
536	6.8	3	Missing vehicle algorithm
Delta V not calculated			
388	4.9	4	At least one vehicle is beyond the scope of an acceptable reconstruction program regardless of collision
1654	20.9	5	All vehicles within scope (CDC applicable) of CRASH program but one collision conditions is beyond scope
2671	33.8	6	All vehicles and collision conditions are within scope of one of the acceptable reconstruction programs
311	3.9	8	Inapplicable - Body Type (V309) = 50-99

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Variable 342	<u>TOTAL DELTA-V</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

FREQ	Prct	Code	Value and Description
0	0.0	0	Less than 0.5 KPH
2	0.0	3	
		-	Nearest KPH
1	0.0	132	
0	0.0	160	159.5 KPH and above
311	3.9	998	Inapplicable - Body Type (V309) = 50-99
4713	59.6	999	Unknown

Variable 343	<u>LONG COMPONENT DELTA-V</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

Variable 344	<u>LAT COMPONENT DELTA-V</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

Variable 345	<u>ENERGY ABSORPTION</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

FREQ	Prct	Code	Value and Description
3	0.0	0	Less than 50 joules
1	0.0	1	
		-	Nearest 100 joules
1	0.0	7554	
1	0.0	9997	999,650 joules or more
311	3.9	9998	Inapplicable - Body Type (V309) = 50-99
4713	59.6	9999	Unknown

Variable 346	<u>RECONSTRUCT CONFIDENCE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

Confidence in reconstruction program results

FREQ	Prct	Code	Value and Description
4713	59.6	0	No reconstruction
2057	26.0	1	Collision fits model - results appear reasonable
123	1.6	2	Collision fits model - results appear high
73	0.9	3	Collision fits model - results appear low
635	8.0	4	Borderline reconstruction - results appear reasonable
311	3.9	8	Inapplicable - Body Type (V309) = 50-99

Variable 347 TYPE OF VEH INSPECTION Width: 1 Type: Numeric
 Dec: None Miss: None

Type of vehicle inspection

FREQ	Prcnt	Code	Value and Description
1646	20.8	0	No inspection
4377	55.3	1	Complete inspection
1578	19.9	2	Partial inspection
311	3.9	8	Inapplicable - Body Type (V309) = 50-99

Variable 348 MAXIMUM TREATMENT Width: 1 Type: Numeric
 Dec: None Miss: 9

FREQ	Prcnt	Code	Value and Description
1727	21.8	0	No treatment
390	4.9	1	Fatal
15	0.2	2	Fatal - ruled disease
1704	21.5	3	Hospitalization
2330	29.4	4	Transported and released
44	0.6	5	Treatment at scene
228	2.9	6	Treatment later
0	0.0	7	Inapplicable - Body Type (V309) = 50-99
334	4.2	8	Treatment - other
1140	14.4	9	Unknown

Variable 349 MAXIMUM KNOWN AIS Width: 1 Type: Numeric
 Dec: None Miss: 9

FREQ	Prcnt	Code	Value and Description
1480	18.7	0	Not injured
2764	34.9	1	Minor injury
899	11.4	2	Moderate injury
571	7.2	3	Serious injury
216	2.7	4	Severe injury
185	2.3	5	Critical injury
66	0.8	6	Maximum (untreatable) injury
482	6.1	7	Injury, unknown severity
311	3.9	8	Inapplicable - Body Type (V309) = 50-99
938	11.9	9	Unknown if injured

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Variable 350	NUM SERIOUSLY INJURED	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Number of persons with TREATMENT-MORTALITY=1 or AIS=3-6

FREQ	Prcnt	Code	Value and Description
5601	70.8	0	None
985	12.4	1	-
			Number of persons
1	0.0	5	
311	3.9	98	Inapplicable - Body Type (V309) = 50-99
883	11.2	99	Unknown

Variable 351	NUMBER INJURED	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Number of persons with TREATMENT-MORTALITY=1 or AIS=1-7

FREQ	Prcnt	Code	Value and Description
1535	19.4	0	None
3539	44.7	1	-
			Number of persons
1	0.0	15	
311	3.9	98	Inapplicable - Body Type (V309) = 50-99
883	11.2	99	Unknown

Variable 352	FRONT/REAR WHEEL DRIVE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

FREQ	Prcnt	Code	Value and Description
2483	31.4	1	Rear wheel drive
2893	36.6	2	Front wheel drive
2212	28.0	8	Not applicable, not a passenger car
324	4.1	9	Unknown (four wheel drive potential)

Variable 353	VIN LENGTH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
1	0.0	5	-
			Length of VIN
6013	76.0	17	
744	9.4	99	Unknown

Variable 354 WEIGHT - OTHER VEHICLE Width: 3 Type: Numeric
Dec: None Miss: 999

FREQ	Prcnt	Code	Value and Description
0	0.0	45	Less than 450 kilograms
1	0.0	71	- Weight (to nearest 10 kilograms)
1	0.0	544	
0	0.0	610	6,100 kilograms or more
0	0.0	997	Not available
1520	19.2	998	Not applicable (most severe impact not with another vehicle or with vehicle hitting itself)
2366	29.9	999	Unknown

Variable 355 BODY TYPE - OTHER VEH Width: 2 Type: Numeric
Dec: None Miss: 99

FREQ	Prcnt	Code	Value and Description
Automobiles			
32	0.4	1	Convertible (excludes sun roof, t-bar)
794	10.0	2	2-door sedan, hardtop, coupe
492	6.2	3	3-door/2-door hatchback
1432	18.1	4	4-door sedan, hardtop
128	1.6	5	5-door/4-door hatchback
184	2.3	6	Station Wagon (excluding van and truck based)
1	0.0	7	Hatchback, number of doors unknown
2	0.0	8	Other automobile type
25	0.3	9	Unknown automobile type
Automobile Derivatives			
14	0.2	10	Auto based pickup (includes El Camino, Caballero, Ranchero, Brat and Rabbit pickup)
0	0.0	11	Auto based panel (cargo station wagon, includes auto based ambulance/hearse)
0	0.0	12	Large limousine - more than four side doors or stretched chassis
0	0.0	13	Three-wheel automobile or automobile derivative
Utility Vehicles (< 4,501 kgs GVWR)			
162	2.0	14	Compact utility (includes Jeep CJ-2 thru Jeep CJ-7, Renegade, Wrangler, Navajo, Bronco, Thing)
36	0.5	15	Large utility (includes Jeep Cherokee, Ram Charger, Trailduster, fullsize Blazer, Scout)
26	0.3	16	Utility station wagon (Chevy Suburban, GMC Suburban, Travelall, Grand Wagoneer, includes suburban limousine)
1	0.0	19	Utility unknown body type
Van Based Light Trucks (< 4,501 kgs GVWR)			
130	1.6	20	Minivan (Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
112	1.4	21	Large van (Sportsman, Royal, Ram, Chevy Van, Voyager-Pre83, Econoline, etc.)

Variable 355:BODY TYPE - OTHER VEH (Continued)

FREQ	Prcnt	Code	Value and Description
1	0.0	22	Step van or walk-in van (< 4,501 kgs GVWR)
0	0.0	23	Van based motorhome (< 4,501 kgs GVWR)
3	0.0	24	Van based school bus (< 4,501 kgs GVWR)
0	0.0	25	Van based other bus (< 4,501 kgs GVWR)
7	0.1	28	Other van type (Hi-Cube Van, Kary)
6	0.1	29	Unknown van type
Lt Conventional Truck (P.U. style cab, < 4,501 kgs. GVWR)			
279	3.5	30	Compact pickup (Ram 50, Dakota, Arrow Pickup, Ranger, Toyota Pickup, etc.)
309	3.9	31	Large pickup (Jeep Pickup, Comanche, Siverado, Sierra, etc.)
1	0.0	32	Pickup with slide-in camper
0	0.0	33	Convertible pickup
11	0.1	39	Unknown (pickup style) light conventional truck
Other Light Trucks (< or = 4,500 kgs. GVWR)			
14	0.2	40	Cab chassis based (includes rescue vehicle, light stake, dump, and tow truck)
0	0.0	41	Truck based panel
0	0.0	42	Light truck based motorhome (chassis mounted)
2	0.0	45	Other light conventional truck type
3	0.0	48	Unknown light truck type
0	0.0	49	Unknown light vehicle type (automobile, van, or light truck)
Buses (excludes van based)			
18	0.2	50	School bus (designed to carry students, not cross country or transit)
17	0.2	58	Other bus type (e.g., transit, intercity, bus based motorhome)
1	0.0	59	Unknown bus type
Medium/Heavy Trucks (> 4,500 kgs GVWR)			
2	0.0	60	Step van (> 4,500 kgs GVWR)
5	0.1	61	Single unit straight truck (4,500 kgs < GVWR < or = 8,850 kgs)
9	0.1	62	Single unit straight truck (8,850 kgs < GVWR < or = 12,000 kgs)
23	0.3	63	Single unit straight truck (>12,000 kgs GVWR)
17	0.2	64	Single unit straight truck, GVWR unknown
0	0.0	65	Medium/heavy truck based motorhome
4	0.1	67	Truck-tractor with no cargo trailer
98	1.2	68	Truck-tractor pulling one trailer
4	0.1	69	Truck-tractor pulling two or more trailers
3	0.0	70	Truck-tractor (unknown if pulling trailer)
8	0.1	78	Unknown medium/heavy truck type
1	0.0	79	Unknown truck type (light/medium/heavy)
Motored Cycles (Does not include atv/atc)			
8	0.1	80	Motorcycle
0	0.0	81	Moped (motorized bicycle)

Variable 355:BODY TYPE - OTHER VEH (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	82	Three-wheel motorcycle or moped
0	0.0	88	Other motored cycle type (minibike, motorscooter)
0	0.0	89	Unknown motored cycle type
Other Vehicles			
0	0.0	90	ATV (all terrain vehicle including dune/swamp buggy) and ATC (all terrain cycle)
0	0.0	91	Snowmobile
2	0.0	92	Farm equipment
1	0.0	93	Construction equipment other than trucks
1	0.0	97	Other type vehicle
1520	19.2	98	Not applicable (most severe impact not with another vehicle or with vehicle hitting itself)
1963	24.8	99	Unknown body type

Variable 356	<u>AOPS VEHICLE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

Automatic Occupant Protection System (AOPS) Vehicle?

FREQ	Prcnt	Code	Value and Description
5740	72.5	0	No or Unknown
1724	21.8	1	Yes - researcher determined
40	0.5	2	VIN determined air bag system
94	1.2	3	VIN determined automatic (passive) belts
3	0.0	4	VIN determined air bag and automatic (passive) belts
311	3.9	9	Inapplicable - Body Type (V309) = 50-99

Variable 357	<u>OTHER DRUG PRESENCE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Police reported other drug presence

FREQ	Prcnt	Code	Value and Description
6278	79.3	0	No other drugs present
42	0.5	1	Yes (other drug present)
1389	17.6	7	Not reported
27	0.3	8	No driver present
176	2.2	9	Unknown

Variable 358	<u>POLICE DEC TEST - DRIVER</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

Police reported drug evaluation classification

FREQ	Prcnt	Code	Value and Description
7517	95.0	0	No DEC process available or given
1	0.0	1	DEC process given, results known
0	0.0	2	DEC process given, results unknown
367	4.6	3	DEC process available, unknown if given
27	0.3	8	No driver present

Variable 359	<u>OTHER DRUG TST TYPE-DRIV</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Other drug specimen test type for driver

FREQ	Prcnt	Code	Value and Description
7124	90.0	0	No specimen test given
147	1.9	1	Blood test
187	2.4	2	Urine test
9	0.1	3	Other specimen test
36	0.5	7	Unspecified specimen test
27	0.3	8	No driver present
382	4.8	9	Unknown if specimen test given

Variable 360	<u>NARCOTIC - DEC RESULTS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Narcotic drug: DEC test results

FREQ	Prcnt	Code	Value and Description
7517	95.0	0	No DEC test given
1	0.0	1	Passed DEC test
0	0.0	2	Failed DEC test
0	0.0	3	DEC test given - results unknown
27	0.3	8	No driver present
367	4.6	9	Unknown if DEC test given

Variable 361	<u>NARCOTIC - SPECIMEN TEST</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Narcotic drug: specimen test results

FREQ	Prcnt	Code	Value and Description
7145	90.3	0	No specimen test given

Variable 361:NARCOTIC - SPECIMEN TEST (Continued)

FREQ	Prcnt	Code	Value and Description
223	2.8	1	Drug not found in specimen
21	0.3	2	Drug found in specimen
83	1.0	7	Specimen test given, results unknown or not obtained
27	0.3	8	No driver present
413	5.2	9	Unknown if specimen test given

Variable 362	DEPRESSANT - DEC TEST	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Depressant drug: DEC test results

FREQ	Prcnt	Code	Value and Description
7517	95.0	0	No DEC test given
1	0.0	1	Passed DEC test
0	0.0	2	Failed DEC test
0	0.0	3	DEC test given - results unknown
27	0.3	8	No driver present
367	4.6	9	Unknown if DEC test given

Variable 363	DEPRESSANT- SPECIMEN TST	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Depressant drug: specimen test results

FREQ	Prcnt	Code	Value and Description
7141	90.3	0	No specimen test given
217	2.7	1	Drug not found in specimen
25	0.3	2	Drug found in specimen
89	1.1	7	Specimen test given, results unknown or not obtained
27	0.3	8	No driver present
413	5.2	9	Unknown if specimen test given

Variable 364	STIMULANT - DEC TEST	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Stimulant drug: DEC test results

FREQ	Prcnt	Code	Value and Description
7517	95.0	0	No DEC test given
0	0.0	1	Passed DEC test
1	0.0	2	Failed DEC test
0	0.0	3	DEC given - results unknown
27	0.3	8	No driver present

Variable 364:STIMULANT - DEC TEST (Continued)

FREQ	Prcnt	Code	Value and Description
367	4.6	9	Unknown if DEC test given

Variable 365	<u>STIMULANT - SPECIMEN TST</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Stimulant drug: specimen test results

FREQ	Prcnt	Code	Value and Description
7140	90.2	0	No specimen test given
210	2.7	1	Drug not found in specimen
36	0.5	2	Drug found in specimen
86	1.1	7	Specimen test given, results unknown or not obtained
27	0.3	8	No driver present
413	5.2	9	Unknown if specimen test given

Variable 366	<u>HALLUCINOGEN - DEC TEST</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Hallucinogen drug: DEC test results

FREQ	Prcnt	Code	Value and Description
7517	95.0	0	No DEC test given
1	0.0	1	Passed DEC test
0	0.0	2	Failed DEC test
0	0.0	3	DEC test given - results unknown
27	0.3	8	No driver present
367	4.6	9	Unknown if DEC test given

Variable 367	<u>HALLUCINOGEN-SPECIMENTST</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Hallucinogen drug: specimen test results

FREQ	Prcnt	Code	Value and Description
7289	92.1	0	No specimen test given
76	1.0	1	Drug not found in specimen
4	0.1	2	Drug found in specimen
103	1.3	7	Specimen test given, results unknown or not obtained
27	0.3	8	No driver present
413	5.2	9	Unknown if specimen test given

Variable 368	CANNABINOID - DEC TEST	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Cannabinoid drug: DEC test results

FREQ	Prcnt	Code	Value and Description
7517	95.0	0	No DEC test given
1	0.0	1	Passed DEC test
0	0.0	2	Failed DEC test
0	0.0	3	DEC test given - results unknown
27	0.3	8	No driver present
367	4.6	9	Unknown if DEC test given

Variable 369	CANNABINOID-SPECIMEN TST	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Cannabinoid drug: specimen test results

FREQ	Prcnt	Code	Value and Description
7161	90.5	0	No specimen test given
181	2.3	1	Drug not found in specimen
41	0.5	2	Drug found in specimen
89	1.1	7	Specimen test given, results unknown or not obtained
27	0.3	8	No driver present
413	5.2	9	Unknown if specimen test given

Variable 370	PCP DRUG - DEC TEST	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Phencyclidine (PCP) drug: DEC test results

FREQ	Prcnt	Code	Value and Description
7517	95.0	0	No DEC test given
1	0.0	1	Passed DEC test
0	0.0	2	Failed DEC test
0	0.0	3	DEC test given - results unknown
27	0.3	8	No driver present
367	4.6	9	Unknown if DEC test given

Variable 371	PCP DRUG - SPECIMEN TEST	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Phencyclidine (PCP) drug: specimen test results

FREQ	Prcnt	Code	Value and Description
7202	91.0	0	No specimen test given

Variable 371:PCP DRUG - SPECIMEN TEST (Continued)

FREQ	Prcnt	Code	Value and Description
165	2.1	1	Drug not found in specimen
5	0.1	2	Drug found in specimen
100	1.3	7	Specimen test given, results unknown or not obtained
27	0.3	8	No driver present
413	5.2	9	Unknown if specimen test given

Variable 372	INHALANT - DEC TEST	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Inhalant drug: DEC test results

FREQ	Prcnt	Code	Value and Description
7517	95.0	0	No DEC test given
1	0.0	1	Passed DEC test
0	0.0	2	Failed DEC test
0	0.0	3	DEC test given - results unknown
27	0.3	8	No driver present
367	4.6	9	Unknown if DEC test given

Variable 373	INHALANT - SPECIMEN TEST	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Inhalant drug: specimen test results

FREQ	Prcnt	Code	Value and Description
7289	92.1	0	No specimen test given
79	1.0	1	Drug not found in specimen
1	0.0	2	Drug found in specimen
103	1.3	7	Specimen test given, results unknown or not obtained
27	0.3	8	No driver present
413	5.2	9	Unknown if specimen test given

Variable 374	OTH DRUG - DEC TEST	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Other drug(Excluding Nicotine, Aspirin, Alcohol, Drugs administered post-crash): DEC test results

FREQ	Prcnt	Code	Value and Description
7517	95.0	0	No DEC test given
0	0.0	1	Passed DEC test
0	0.0	2	Failed DEC test
1	0.0	3	DEC test given - results unknown

Variable 374:OTH DRUG - DEC TEST (Continued)

FREQ	Prcnt	Code	Value and Description
27	0.3	8	No driver present
367	4.6	9	Unknown if DEC test given

Variable 375	OTH DRUG - SPECIMEN TEST	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Other drug (Excluding Nicotine, Aspirin, Alcohol, Drugs administered post-crash): specimen test results

FREQ	Prcnt	Code	Value and Description
7288	92.1	0	No specimen test given
146	1.8	1	Drug not found in specimen
11	0.1	2	Drug found in specimen
27	0.3	7	Specimen test given, results unknown or not obtained
27	0.3	8	No driver present
413	5.2	9	Unknown if specimen test given

Variable 376	DRIVER'S ZIP CODE	Width: 5	Type: Numeric
		Dec: None	Miss: 99999

FREQ	Prcnt	Code	Value and Description
27	0.3	0	Driver not present
21	0.3	1	Driver not a resident of U.S. or territories
0	0.0	2	- Actual 5-digit zip code
0	0.0	99998	
0	0.0	99999	Unknown

Variable 377	DRIVER'S RACE/ETHNIC	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Driver's Race/Ethnic Origin

FREQ	Prcnt	Code	Value and Description
27	0.3	0	Driver not present
3804	48.1	1	White (non-Hispanic)
752	9.5	2	Black (non-Hispanic)
346	4.4	3	White (Hispanic)
11	0.1	4	Black (Hispanic)
22	0.3	5	American Indian, Eskimo or Aleut
148	1.9	6	Asian or Pacific Islander
44	0.6	8	Other
2758	34.9	9	Unknown

NASS Crashworthiness Data System (CDS)
1993 - General Vehicle

<u>Variable 378</u>	<u>VEHICLE SPECIAL USE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

FREQ Prcnt Code Value and Description

7589	95.9	0	No special use
36	0.5	1	Taxi
23	0.3	2	Vehicle used as school bus
22	0.3	3	Vehicle used as other bus
1	0.0	4	Military
21	0.3	5	Police
4	0.1	6	Ambulance
3	0.0	7	Hearse
17	0.2	8	Fire truck
196	2.5	9	Unknown

<u>Variable 379</u>	<u>ROLLOVER INITIATION TYPE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

For diagram see appendix B

FREQ Prcnt Code Value and Description

6916	87.4	0	No rollover
314	4.0	1	Trip-over
45	0.6	2	Flip-over
59	0.7	3	Turn-over
19	0.2	4	Climb-over
50	0.6	5	Fall-over
83	1.0	6	Bounce-over
62	0.8	7	Collision with another vehicle
13	0.2	8	Other rollover initiation type
351	4.4	9	Unknown rollover initiation type or Inapplicable - Body Type (V309) = 50-99

<u>Variable 380</u>	<u>LOCATION OF ROLLOVER INI</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Location of rollover initiation

FREQ Prcnt Code Value and Description

6916	87.4	0	No rollover
137	1.7	1	On roadway
21	0.3	2	On shoulder - paved
32	0.4	3	On shoulder - unpaved
453	5.7	4	On roadside or divided trafficway median
311	3.9	8	Inapplicable - Body Type (V309) = 50-99
42	0.5	9	Unknown

Variable 381	ROLLOVER INIT OBJ CONTAC	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Rollover initiation object contacted

FREQ	Prcnt	Code	Value and Description
6916	87.4	0	No rollover
31	0.4	1	Vehicle Number 1
29	0.4	2	Vehicle Number 2
1	0.0	3	Vehicle Number 3
1	0.0	4	Vehicle Number 4
Noncollision			
109	1.4	31	Turn-over - fall-over
0	0.0	33	Jackknife
Collision with fixed object			
1	0.0	41	Tree (< or = 10 centimeters in diameter)
29	0.4	42	Tree (> or 10 centimeters in diameter)
1	0.0	43	Shrubbery or bush
21	0.3	44	Embankment
1	0.0	45	Breakaway pole or post
Nonbreakaway pole or post			
1	0.0	50	Pole or post (< or = 10 centimeters in diameter)
6	0.1	51	Pole or post (> 10 or < or = 30 centimeters in diameter)
9	0.1	52	Pole or post (> 30 centimeters in diameter)
1	0.0	53	Pole, post - diameter unknown
18	0.2	54	Concrete traffic barrier
1	0.0	55	Impact attenuator
19	0.2	56	Other traffic barrier (includes guardrail)
5	0.1	57	Fence
3	0.0	58	Wall
1	0.0	59	Building
20	0.3	60	Ditch or culvert
281	3.6	61	Ground
0	0.0	62	Fire hydrant
32	0.4	63	Curb
3	0.0	64	Bridge
16	0.2	68	Other fixed object
0	0.0	69	Unknown fixed object
Collision with nonfixed object			
3	0.0	71	Motor vehicle not in-transport
0	0.0	76	Animal
0	0.0	77	Train
0	0.0	78	Trailer, disconnected in transport
1	0.0	88	Other nonfixed object
0	0.0	89	Unknown nonfixed object
311	3.9	97	Inapplicable - Body Type (V309) = 50-99
1	0.0	98	Other event

Variable 381:ROLLOVER INIT OBJ CONTAC (Continued)

FREQ	Prcnt	Code	Value and Description
40	0.5	99	Unknown event or object

Variable 382	<u>PRIN TRIP FORCE APPLIED</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Location on vehicle where initial principal tripping force is applied

FREQ	Prcnt	Code	Value and Description
6916	87.4	0	No rollover
315	4.0	1	Wheels/tires
71	0.9	2	Side plane
83	1.0	3	End plane
64	0.8	4	Undercarriage
0	0.0	5	Other location on vehicle
311	3.9	7	Inapplicable - Body Type (V309) = 50-99
109	1.4	8	Non-contact rollover forces
43	0.5	9	Unknown

Variable 383	<u>DIRECTION OF INITIAL ROL</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Direction of initial roll

FREQ	Prcnt	Code	Value and Description
6916	87.4	0	No rollover
309	3.9	1	Roll right - primarily about longitudinal axis
314	4.0	2	Roll left - primarily about longitudinal axis
14	0.2	5	End-over-end (i.e., primarily about lateral axis)
311	3.9	8	Inapplicable - Body Type (V309) = 50-99
48	0.6	9	Unknown roll direction

Variable 384	<u>PRE-EVENT MOVEMENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Pre-event movement (Prior to recognition of critical event)

FREQ	Prcnt	Code	Value and Description
4866	61.5	1	Going straight
229	2.9	2	Slowing or stopping in traffic lane
144	1.8	3	Starting in traffic lane
612	7.7	4	Stopped in traffic lane
71	0.9	5	Passing or overtaking another vehicle

Variable 384:PRE-EVENT MOVEMENT (Continued)

FREQ	Prcnt	Code	Value and Description
6	0.1	6	Disabled or parked in travel lane
9	0.1	7	Leaving a parked position
5	0.1	8	Entering a parked position
96	1.2	9	Turning right
762	9.6	10	Turning left
43	0.5	11	Making U-turn
23	0.3	12	Backing up (other than for parking position)
670	8.5	13	Negotiating a curve
115	1.5	14	Changing lanes
33	0.4	15	Merging
75	0.9	16	Successful avoidance maneuver to a previous critical event
37	0.5	97	Other
27	0.3	98	No driver presence
89	1.1	99	Unknown

Variable 385	CRITICAL PRECRASH EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Initial critical precrash event (Precrash 2)

FREQ	Prcnt	Code	Value and Description
This Vehicle Loss of Control Due To:			
25	0.3	1	Blow out or flat tire
8	0.1	2	Stalled engine
33	0.4	3	Disabling vehicle failure (e.g. wheel fell off)
12	0.2	4	Non-disabling vehicle problem (e.g. hood flew up)
208	2.6	5	Poor road conditions (puddle, pot hole, ice, etc.)
347	4.4	6	Traveling too fast for conditions
108	1.4	8	Other cause of control loss
66	0.8	9	Unknown cause of control loss
This Vehicle Traveling:			
454	5.7	10	Over the lane line on left side of travel lane
143	1.8	11	Over the lane line on right side of travel lane
302	3.8	12	Off the edge of the road on the left side
489	6.2	13	Off the edge of the road on the right side
27	0.3	14	End departure
770	9.7	15	Turning left at intersection
53	0.7	16	Turning right at intersection
797	10.1	17	Crossing over (passing through) intersection
5	0.1	19	Unknown travel direction
Other Motor Vehicle in Lane:			
381	4.8	50	Stopped
234	3.0	51	Traveling in same direction with lower speed (i.e., lower steady speed or decelerating)
754	9.5	52	Traveling in same direction with higher speed
114	1.4	53	Traveling in opposite direction

Variable 385:CRITICAL PRECRASH EVENT (Continued)

FREQ	Prcnt	Code	Value and Description
52	0.7	54	In crossover
18	0.2	55	Backing
5	0.1	59	Unknown travel direction of other motor vehicle in lane
Other Motor Vehicle Encroaching Into Lane:			
166	2.1	60	From adjacent lane (same direction) - over left lane line
162	2.0	61	From adjacent lane (same direction) - over right lane line
848	10.7	62	From opposite direction - over left lane line
5	0.1	63	From opposite direction - over right lane line
12	0.2	64	From parking lane
48	0.6	65	From crossing street - turning into same direction
753	9.5	66	From crossing street - across path
176	2.2	67	From crossing street - turning into opposite direction
7	0.1	68	From crossing street - intended path not known
16	0.2	70	From driveway - turning into same direction
31	0.4	71	From driveway - across path
60	0.8	72	From driveway - turning into opposite direction
3	0.0	73	From driveway - intended path not known
6	0.1	74	From entrance to limited access highway
35	0.4	78	Encroachment by other vehicle - details unknown
Pedestrian or Pedalcyclist, or Other Nonmotorist			
5	0.1	80	Pedestrian in roadway
0	0.0	81	Pedestrian approaching roadway
0	0.0	82	Pedestrian - unknown location
0	0.0	83	Pedalcyclist or other nonmotorist in roadway
0	0.0	84	Pedalcyclist or other nonmotorist approaching roadway
0	0.0	85	Pedalcyclist or other nonmotorist - unknown location
Object or Animal			
55	0.7	87	Animal in roadway
1	0.0	88	Animal approaching roadway
1	0.0	89	Animal - unknown location
24	0.3	90	Object in roadway
3	0.0	91	Object approaching roadway
4	0.1	92	Object - unknown location
72	0.9	98	Other critical precrash event
14	0.2	99	Unknown

Variable 386	PRECRASH STABILTY AVOID	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Precrash Stability After Avoidance Maneuver

FREQ	Prcnt	Code	Value and Description
3007	38.0	0	No avoidance maneuver
1121	14.2	1	Tracking
920	11.6	2	Skidding longitudinally - rotation less than 30 degrees

Variable 386:PRECRASH STABILILTY AVOID (Continued)

FREQ	Prcnt	Code	Value and Description
165	2.1	3	Skidding laterally - clockwise rotation
150	1.9	4	Skidding laterally - counterclockwise rotation
45	0.6	7	Other vehicle loss-of-control
27	0.3	8	No driver present
2477	31.3	9	Precrash stability unknown

Variable 387	CONSEQUENC OF AVOID MANU	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Precrash Directional Consequences of Avoidance Maneuver
 (Corrective Action)

FREQ	Prcnt	Code	Value and Description
3007	38.0	0	No avoidance maneuver
1377	17.4	1	Vehicle stayed in travel lane where avoidance maneuver was initiated
363	4.6	2	Vehicle stayed on roadway but left travel lane where avoidance maneuver was initiated
46	0.6	3	Vehicle stayed on roadway, not known if left travel lane where avoidance maneuver was initiated
610	7.7	4	Vehicle departed roadway
42	0.5	5	Avoidance maneuver initiated off roadway
27	0.3	8	No driver present
2440	30.8	9	Directional consequences unknown
0	0.0	99	Not coded

The EXTERIOR DAMAGE Variables

Variables 401 through 444 describe the exterior damage to the vehicle.

Variable 401	PSU NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None																												
Variable 402	CASE NUMBER	Width: 4 Dec: None	Type: Alphabetic Miss: None																												
Variable 403	RECORD NUMBER	Width: 1 Dec: None	Type: Numeric Miss: None																												
<table border="0" style="width: 100%;"> <tr> <td style="text-align: left;">FREQ</td> <td style="text-align: left;">Prcnt</td> <td style="text-align: left;">Code</td> <td style="text-align: left;">Value and Description</td> </tr> <tr> <td>1957</td> <td>24.7</td> <td>0</td> <td>Filler - No damage record for this vehicle.</td> </tr> <tr> <td>5955</td> <td>75.3</td> <td>4</td> <td>Exterior Damage record</td> </tr> </table>				FREQ	Prcnt	Code	Value and Description	1957	24.7	0	Filler - No damage record for this vehicle.	5955	75.3	4	Exterior Damage record																
FREQ	Prcnt	Code	Value and Description																												
1957	24.7	0	Filler - No damage record for this vehicle.																												
5955	75.3	4	Exterior Damage record																												
Variable 404	VERSION NUMBER	Width: 1 Dec: None	Type: Numeric Miss: None																												
<table border="0" style="width: 100%;"> <tr> <td style="text-align: left;">FREQ</td> <td style="text-align: left;">Prcnt</td> <td style="text-align: left;">Code</td> <td style="text-align: left;">Value and Description</td> </tr> <tr> <td>7912</td> <td>100.0</td> <td>6</td> <td>Version 6</td> </tr> </table>				FREQ	Prcnt	Code	Value and Description	7912	100.0	6	Version 6																				
FREQ	Prcnt	Code	Value and Description																												
7912	100.0	6	Version 6																												
Variable 405	VEHICLE NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None																												
<table border="0" style="width: 100%;"> <tr> <td style="text-align: left;">FREQ</td> <td style="text-align: left;">Prcnt</td> <td style="text-align: left;">Code</td> <td style="text-align: left;">Value and Description</td> </tr> <tr> <td>4563</td> <td>57.7</td> <td>1</td> <td>Vehicle #1</td> </tr> <tr> <td>2853</td> <td>36.1</td> <td>2</td> <td>Vehicle #2</td> </tr> <tr> <td>399</td> <td>5.0</td> <td>3</td> <td>Vehicle #3</td> </tr> <tr> <td>68</td> <td>0.9</td> <td>4</td> <td>Vehicle #4</td> </tr> <tr> <td>23</td> <td>0.3</td> <td>5</td> <td>Vehicle #5</td> </tr> <tr> <td>6</td> <td>0.1</td> <td>6</td> <td>Vehicle #6</td> </tr> </table>				FREQ	Prcnt	Code	Value and Description	4563	57.7	1	Vehicle #1	2853	36.1	2	Vehicle #2	399	5.0	3	Vehicle #3	68	0.9	4	Vehicle #4	23	0.3	5	Vehicle #5	6	0.1	6	Vehicle #6
FREQ	Prcnt	Code	Value and Description																												
4563	57.7	1	Vehicle #1																												
2853	36.1	2	Vehicle #2																												
399	5.0	3	Vehicle #3																												
68	0.9	4	Vehicle #4																												
23	0.3	5	Vehicle #5																												
6	0.1	6	Vehicle #6																												

NASS Crashworthiness Data System (CDS)
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Variable 406	ACCIDENT SEQUENCE (1)	Width: 2	Type: Numeric
		Dec: None	Miss: None

CDC 1 - ACCIDENT EVENT SEQUENCE NUMBER

FREQ	Prct	Code	Value and Description
0	0.0	0	No event
4907	62.0	1	- Sequence number
1	0.0	12	
1958	24.7	99	No Record

Variable 407	OBJECT CONTACTED (1)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prct	Code	Value and Description
Collision with Motor Vehicle in Transport			
0	0.0	0	No event or CDC applicable
2127	26.9	1	- Vehicle number
1	0.0	6	
Noncollision			
335	4.2	31	Overturn - rollover
0	0.0	33	Jackknife
0	0.0	38	Other noncollision
1	0.0	39	Noncollision - details unknown
Collision with Fixed Object			
16	0.2	41	Tree (<or= 10 cm diameter)
300	3.8	42	Tree (> 10 cm diameter)
2	0.0	43	Shrubbery or bush
35	0.4	44	Embankment
15	0.2	45	Breakaway pole or post
Nonbreakaway Pole or Post			
9	0.1	50	Pole or post (<or= 10 cm in diameter)
147	1.9	51	Pole or post (> 10 cm but <or= 30 cm in diameter)
132	1.7	52	Pole or post (>30 cm in diameter)
3	0.0	53	Pole, post - diameter unknown
61	0.8	54	Concrete traffic barrier
8	0.1	55	Impact attenuator
93	1.2	56	Other traffic barrier (includes guardrail)
15	0.2	57	Fence
19	0.2	58	Wall
29	0.4	59	Building
44	0.6	60	Ditch or culvert
15	0.2	61	Ground
9	0.1	62	Fire hydrant
19	0.2	63	Curb
42	0.5	64	Bridge
36	0.5	68	Other fixed object

Variable 407:OBJECT CONTACTED (1) (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	69	Unknown fixed object
Collision with Nonfixed Object			
81	1.0	71	Motor vehicle not in-transport
2	0.0	72	Pedestrian
0	0.0	73	Cyclist or cycle
0	0.0	74	Other nonmotorist or conveyance
0	0.0	75	Vehicle occupant
16	0.2	76	Animal
11	0.1	77	Train
3	0.0	78	Trailer, disconnected in transport
18	0.2	88	Other nonfixed object
0	0.0	89	Unknown nonfixed object
2	0.0	98	Other event
1959	24.8	99	Unknown event or object/No record

Variable 408 DIRECTION OF FORCE (1) Width: 2 Type: Numeric
 Dec: None Miss: 99

FREQ	Prcnt	Code	Value and Description
389	4.9	0	Nonhorizontal force
510	6.4	1	1 o'clock
379	4.8	2	2 o'clock
151	1.9	3	3 o'clock
27	0.3	4	4 o'clock
32	0.4	5	5 o'clock
423	5.3	6	6 o'clock
31	0.4	7	7 o'clock
45	0.6	8	8 o'clock
222	2.8	9	9 o'clock
363	4.6	10	10 o'clock
541	6.8	11	11 o'clock
1884	23.8	12	12 o'clock
End shift vertical - up; top shift forward			
2	0.0	20	Nonhorizontal force
1	0.0	21	1 o'clock
1	0.0	22	2 o'clock
2	0.0	26	6 o'clock
1	0.0	30	10 o'clock
8	0.1	32	12 o'clock
End shift vertical - down; top shift rearward			
3	0.0	40	Nonhorizontal force
3	0.0	41	1 o'clock
1	0.0	42	2 o'clock
6	0.1	46	6 o'clock
3	0.0	51	11 o'clock
4	0.1	52	12 o'clock

Variable 408:DIRECTION OF FORCE (1) (Continued)

FREQ	Prcnt	Code	Value and Description
			End or top shift lateral - right
2	0.0	60	Nonhorizontal force
6	0.1	61	1 o'clock
11	0.1	62	2 o'clock
9	0.1	63	3 o'clock
1	0.0	64	4 o'clock
2	0.0	66	6 o'clock
1	0.0	67	7 o'clock
7	0.1	69	9 o'clock
30	0.4	70	10 o'clock
42	0.5	71	11 o'clock
13	0.2	72	12 o'clock
			End or top shift lateral - left
3	0.0	80	Nonhorizontal force
53	0.7	81	1 o'clock
26	0.3	82	2 o'clock
3	0.0	83	3 o'clock
1	0.0	85	5 o'clock
4	0.1	89	9 o'clock
11	0.1	90	10 o'clock
1	0.0	91	11 o'clock
9	0.1	92	12 o'clock
2645	33.4	99	Unknown/No record

Variable 409	DEFORMATION LOCATION (1)	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 410	LONG/LAT LOCATION (1)	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 411	VERT/LAT LOCATION (1)	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 412	TYPE OF DISTRIB (1)	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 413	DEFORMATION EXTENT (1)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

CDC 1 - DEFORMATION EXTENT

FREQ	Prcnt	Code	Value and Description
0	0.0	0	No event
1462	18.5	1	Extent zone 1
1620	20.5	2	Extent zone 2
1216	15.4	3	Extent zone 3
454	5.7	4	Extent zone 4
195	2.5	5	Extent zone 5
155	2.0	6	Extent zone 6
56	0.7	7	Extent zone 7
27	0.3	8	Extent zone 8
82	1.0	9	Extent zone 9
0	0.0	98	Not applicable - no CDC / TDC
2645	33.4	99	Unknown/No record

Variable 414	ACCIDENT SEQUENCE (2)	Width: 2	Type: Numeric
		Dec: None	Miss: None

CDC 2 - ACCIDENT EVENT SEQUENCE NUMBER

FREQ	Prcnt	Code	Value and Description
0	0.0	0	No event
487	6.2	1	- Sequence number
1	0.0	13	
5614	71.0	99	No Record

Variable 415	OBJECT CONTACTED (2)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
Collision with Motor Vehicle in Transport			
0	0.0	0	No event or not CDC applicable
382	4.8	1	- Vehicle number
2	0.0	6	
Noncollision			
219	2.8	31	Overturn - rollover
1	0.0	33	Jackknife
1	0.0	38	Other noncollision
0	0.0	39	Noncollision - details unknown
Collision with Fixed Object			
36	0.5	41	Tree (<or= 10 cm in diameter)

Variable 415:OBJECT CONTACTED (2) (Continued)

FREQ	Prcnt	Code	Value and Description
121	1.5	42	Tree (> 10 cm in diameter)
28	0.4	43	Shrubbery or bush
28	0.4	44	Embankment
14	0.2	45	Breakaway pole or post
Nonbreakaway Pole or Post			
89	1.1	50	Pole or post (<or= 10 cm in diameter)
81	1.0	51	Pole or post (> 10 cm but <or= 30 cm in diameter)
38	0.5	52	Pole or post (>30 cm in diameter)
7	0.1	53	Pole, post - diameter unknown
52	0.7	54	Concrete traffic barrier
3	0.0	55	Impact attenuator
101	1.3	56	Other traffic barrier (includes guardrail)
53	0.7	57	Fence
25	0.3	58	Wall
25	0.3	59	Building
35	0.4	60	Ditch or culvert
36	0.5	61	Ground
10	0.1	62	Fire hydrant
123	1.6	63	Curb
19	0.2	64	Bridge
63	0.8	68	Other fixed object
0	0.0	69	Unknown fixed object
Collision with Nonfixed Object			
36	0.5	71	Motor vehicle not in-transport
3	0.0	72	Pedestrian
0	0.0	73	Cyclist or cycle
0	0.0	74	Other nonmotorist or conveyance
0	0.0	75	Vehicle occupant
3	0.0	76	Animal
5	0.1	77	Train
1	0.0	78	Trailer, disconnected in transport
20	0.3	88	Other nonfixed object
0	0.0	89	Unknown nonfixed object
0	0.0	98	Other event
5622	71.1	99	Unknown event or object/No record

Variable 416	DIRECTION OF FORCE (2)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
296	3.7	0	Nonhorizontal force
72	0.9	1	1 o'clock
44	0.6	2	2 o'clock
302	3.8	3	3 o'clock
9	0.1	4	4 o'clock
36	0.5	5	5 o'clock
95	1.2	6	6 o'clock

Variable 416:DIRECTION OF FORCE (2) (Continued)

FREQ	Prcnt	Code	Value and Description
14	0.2	7	7 o'clock
20	0.3	8	8 o'clock
290	3.7	9	9 o'clock
50	0.6	10	10 o'clock
59	0.7	11	11 o'clock
545	6.9	12	12 o'clock
End shift vertical - up; top shift forward			
1	0.0	20	Nonhorizontal force
1	0.0	22	2 o'clock
End shift vertical - down; top shift rearward			
1	0.0	40	Nonhorizontal force
End or top shift lateral - right			
1	0.0	60	Nonhorizontal force
End or top shift lateral - left			
2	0.0	80	Nonhorizontal force
1	0.0	91	11 o'clock
6073	76.8	99	Unknown/No record

Variable 417 DEFORMATION LOCATION (2) Width: 1 Type: Alphabetic
 Dec: None Miss: None

Variable 418 LONG/LAT LOCATION (2) Width: 1 Type: Alphabetic
 Dec: None Miss: None

Variable 419 VERT/LAT LOCATION (2) Width: 1 Type: Alphabetic
 Dec: None Miss: None

Variable 420 TYPE OF DISTRIB (2) Width: 1 Type: Alphabetic
 Dec: None Miss: None

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Variable 421	DEFORMATION EXTENT (2)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

CDC 2 - DEFORMATION EXTENT

FREQ	Prcent	Code	Value and Description
0	0.0	0	No event
1003	12.7	1	Extent zone 1
455	5.8	2	Extent zone 2
239	3.0	3	Extent zone 3
38	0.5	4	Extent zone 4
16	0.2	5	Extent zone 5
20	0.3	6	Extent zone 6
12	0.2	7	Extent zone 7
5	0.1	8	Extent zone 8
51	0.6	9	Extent zone 9
0	0.0	98	Not applicable - no CDC / TDC
6073	76.8	99	Unknown/No record

Variable 422	HIGHEST DELTA-V - "L"	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Variable 423	HIGHEST DELTA-V - "C1"	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Variable 424	HIGHEST DELTA-V - "C2"	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Variable 425	HIGHEST DELTA-V - "C3"	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Variable 426	HIGHEST DELTA-V - "C4"	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Variable 427	HIGHEST DELTA-V - "C5"	Width: 3	Type: Numeric
		Dec: None	Miss: 999

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<u>Variable 428</u>	<u>HIGHEST DELTA-V - "C6"</u>	Width: 3 Dec: None	Type: Numeric Miss: 999
<u>Variable 429</u>	<u>HIGHEST DELTA-V - "D"</u>	Width: 4 Dec: None	Type: Numeric Miss: 9999
<u>Variable 430</u>	<u>SECOND DELTA-V - "L"</u>	Width: 3 Dec: None	Type: Numeric Miss: 999
<u>Variable 431</u>	<u>SECOND DELTA-V - "C1"</u>	Width: 3 Dec: None	Type: Numeric Miss: 999
<u>Variable 432</u>	<u>SECOND DELTA-V - "C2"</u>	Width: 3 Dec: None	Type: Numeric Miss: 999
<u>Variable 433</u>	<u>SECOND DELTA-V - "C3"</u>	Width: 3 Dec: None	Type: Numeric Miss: 999
<u>Variable 434</u>	<u>SECOND DELTA-V - "C4"</u>	Width: 3 Dec: None	Type: Numeric Miss: 999
<u>Variable 435</u>	<u>SECOND DELTA-V - "C5"</u>	Width: 3 Dec: None	Type: Numeric Miss: 999
<u>Variable 436</u>	<u>SECOND DELTA-V - "C6"</u>	Width: 3 Dec: None	Type: Numeric Miss: 999
<u>Variable 437</u>	<u>SECOND DELTA-V - "D"</u>	Width: 4 Dec: None	Type: Numeric Miss: 9999

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Variable 438	CDC'S DOC/NOT CODED	Width: 1	Type: Numeric
		Dec: None	Miss: None

Are CDCs documented but not coded on the automated file?

FREQ	Prct	Code	Value and Description
5308	67.1	0	No
647	8.2	1	Yes
1957	24.7	9	No record

Variable 439	VEHICLE DISPOSITION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Researcher's assessment of vehicle disposition

FREQ	Prct	Code	Value and Description
824	10.4	0	Not towed due to vehicle damage
4921	62.2	1	Towed due to vehicle damage
2167	27.4	9	Unknown/No record

Variable 440	ORIGINAL WHEELBASE	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

FREQ	Prct	Code	Value and Description
1	0.0	193	
		-	Wheelbase (in increments of 1 cm)
1	0.0	473	
0	0.0	650	650 centimeters or more
11	0.1	999	Unknown
1957	24.7	9999	No record

Variable 441	MULTI-STAGE VEHICLE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Multi-stage manuf. vehicle and/or a certified altered vehicle?

FREQ	Prct	Code	Value and Description
5857	74.0	0	No post manufacturer modifications
76	1.0	1	Yes - post manufacturer modifications
1979	25.0	9	Unknown if vehicle is modified

Variable 442 FIRE OCCURRENCE Width: 1 Type: Numeric
 Dec: None Miss: 9

FREQ Prcnt Code Value and Description

5907	74.7	0	No fire
			Yes, fire occurred
11	0.1	1	Minor
33	0.4	2	Major
1961	24.8	9	Unknown

Variable 443 ORIGIN OF FIRE Width: 1 Type: Numeric
 Dec: None Miss: 9

FREQ Prcnt Code Value and Description

5907	74.7	0	No fire
3	0.0	1	Vehicle exterior (front, side, back, top)
0	0.0	2	Exhaust system
10	0.1	3	Fuel tank (and other fuel retention system parts)
22	0.3	4	Engine compartment
0	0.0	5	Cargo/trunk compartment
1	0.0	6	Instrument panel
1	0.0	7	Passenger compartment area
1	0.0	8	Other location
1967	24.9	9	Unknown

Variable 444 TYPE OF FUEL TANK Width: 1 Type: Numeric
 Dec: None Miss: 9

FREQ Prcnt Code Value and Description

0	0.0	0	No fuel tank (electrical vehicle)
5777	73.0	1	Metallic
146	1.8	2	Non-Metallic
1989	25.1	9	Unknown

The INTERIOR DAMAGE "A" Variables

Variables 501 through 548 describe interior damage to the vehicles involved in the accident. Additional interior damage information is documented in Variables 601 - 652.

Variable 501	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

Variable 502	CASE NUMBER	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

Variable 503	RECORD NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None

FREQ	Prct	Code	Value and Description
2404	30.4	0	Filler - No damage record for this vehicle.
5508	69.6	5	Interior Damage "A" record

Variable 504	VERSION NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None

FREQ	Prct	Code	Value and Description
7912	100.0	6	Version 6

Variable 505	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

FREQ	Prct	Code	Value and Description
4563	57.7	1	Vehicle #1
2853	36.1	2	Vehicle #2
399	5.0	3	Vehicle #3
68	0.9	4	Vehicle #4
23	0.3	5	Vehicle #5
6	0.1	6	Vehicle #6

Variable 506	PASS COMPART INTEGRITY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Passenger compartment integrity

FREQ	Prcnt	Code	Value and Description
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3193	40.4	0	No integrity loss
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Yes, Integrity was lost through:

94	1.2	1	Windshield
27	0.3	2	Door (side)
6	0.1	3	Door/hatch (back door)
0	0.0	4	Roof
2	0.0	5	Roof glass
982	12.4	6	Side window
113	1.4	7	Rear window (backlight)
1	0.0	8	Roof and roof glass
4	0.1	9	Windshield and door (side)
0	0.0	10	Windshield and roof
225	2.8	11	Side and rear window (side window and backlight)
159	2.0	12	Windshield and side window
82	1.0	13	Door and side window
551	7.0	98	Other combination of above
2473	31.3	99	Unknown/No record

Variable 507	DOOR/GATE/HATCH OPN - LF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

D/G/H opening - Left front (driver's side)

FREQ	Prcnt	Code	Value and Description
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4	0.1	0	No door/gate/hatch
4041	51.1	1	Door/gate/hatch remained closed and operational
110	1.4	2	Door/gate/hatch came open during collision
1233	15.6	3	Door/gate/hatch jammed shut
8	0.1	8	Other
2516	31.8	9	Unknown/No record

Variable 508	DOOR/GATE/HATCH OPN - RF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Door, tailgate or hatch opening - Right front

FREQ	Prcnt	Code	Value and Description
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6	0.1	0	No door/gate/hatch
4097	51.8	1	Door/gate/hatch remained closed and operational
94	1.2	2	Door/gate/hatch came open during collision
1220	15.4	3	Door/gate/hatch jammed shut
3	0.0	8	Other

Variable 508:DOOR/GATE/HATCH OPN - RF (Continued)

FREQ	Prcnt	Code	Value and Description
2492	31.5	9	Unknown/No record

Variable 509	DOOR/GATE/HATCH OPN - LR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Door, tailgate or hatch opening - Left rear

FREQ	Prcnt	Code	Value and Description
3088	39.0	0	No door/gate/hatch
1901	24.0	1	Door/gate/hatch remained closed and operational
23	0.3	2	Door/gate/hatch came open during collision
458	5.8	3	Door/gate/hatch jammed shut
1	0.0	8	Other
2441	30.9	9	Unknown/No record

Variable 510	DOOR/GATE/HATCH OPN - RR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Door, tailgate or hatch opening - Right rear

FREQ	Prcnt	Code	Value and Description
2847	36.0	0	No door/gate/hatch
2132	26.9	1	Door/gate/hatch remained closed and operational
31	0.4	2	Door/gate/hatch came open during collision
459	5.8	3	Door/gate/hatch jammed shut
2	0.0	8	Other
2441	30.9	9	Unknown/No record

Variable 511	DOOR/GATE/HATCH OPN - TG	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Door, tailgate or hatch opening - Tailgate

FREQ	Prcnt	Code	Value and Description
3799	48.0	0	No door/gate/hatch
1463	18.5	1	Door/gate/hatch remained closed and operational
84	1.1	2	Door/gate/hatch came open during collision
113	1.4	3	Door/gate/hatch jammed shut
2	0.0	8	Other
2451	31.0	9	Unknown/No record

Variable 512	DOOR/GATE/HATCH DAM - LF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Damage/failure with D/G/H opening - left front

FREQ	Prcnt	Code	Value and Description
5393	68.2	0	No door/gate/hatch or door not opened
			Door, tailgate, of hatch came open during collision
2	0.0	1	Door operational (no damage)
63	0.8	2	Latch/striker failure due to damage
7	0.1	3	Hinge failure due to damage
9	0.1	4	Door structure failure due to damage
17	0.2	5	Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
8	0.1	6	Latch/striker and hinge failure due to damage
8	0.1	8	Other failure
2405	30.4	9	Unknown/No record

Variable 513	DOOR/GATE/HATCH DAM - RF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Damage/failure with D/G/H opening - right front

FREQ	Prcnt	Code	Value and Description
5413	68.4	0	No door/gate/hatch or door not opened
			Door, tailgate, of hatch came open during collision
1	0.0	1	Door operational (no damage)
61	0.8	2	Latch/striker failure due to damage
3	0.0	3	Hinge failure due to damage
10	0.1	4	Door structure failure due to damage
11	0.1	5	Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
2	0.0	6	Latch/striker and hinge failure due to damage
6	0.1	8	Other failure
2405	30.4	9	Unknown/No record

Variable 514	DOOR/GATE/HATCH DAM - LR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Damage/failure with D/G/H opening - left rear

FREQ	Prcnt	Code	Value and Description
5485	69.3	0	No door/gate/hatch or door not opened

Variable 514:DOOR/GATE/HATCH DAM - LR (Continued)

FREQ	Prcnt	Code	Value and Description
			Door, tailgate, of hatch came open during collision
0	0.0	1	Door operational (no damage)
10	0.1	2	Latch/striker failure due to damage
0	0.0	3	Hinge failure due to damage
4	0.1	4	Door structure failure due to damage
5	0.1	5	Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
3	0.0	6	Latch/striker and hinge failure due to damage
1	0.0	8	Other failure
2404	30.4	9	Unknown/No record

Variable 515	DOOR/GATE/HATCH DAM - RR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Damage/failure with D/G/H opening - right rear

FREQ	Prcnt	Code	Value and Description
5477	69.2	0	No door/gate/hatch or door not opened
			Door, tailgate, of hatch came open during collision
0	0.0	1	Door operational (no damage)
19	0.2	2	Latch/striker failure due to damage
3	0.0	3	Hinge failure due to damage
2	0.0	4	Door structure failure due to damage
3	0.0	5	Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
3	0.0	6	Latch/striker and hinge failure due to damage
1	0.0	8	Other failure
2404	30.4	9	Unknown/No record

Variable 516	DOOR/GATE/HATCH DAM - TG	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Damage/failure with D/G/H opening - TG/H

FREQ	Prcnt	Code	Value and Description
5423	68.5	0	No door/gate/hatch or door not opened
			Door, tailgate, of hatch came open during collision
1	0.0	1	Door operational (no damage)
54	0.7	2	Latch/striker failure due to damage
4	0.1	3	Hinge failure due to damage
7	0.1	4	Door structure failure due to damage

Variable 516:DOOR/GATE/HATCH DAM - TG (Continued)

FREQ	Prcnt	Code	Value and Description
8	0.1	5	Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
7	0.1	6	Latch/striker and hinge failure due to damage
3	0.0	8	Other failure
2405	30.4	9	Unknown/No record

Variable 517	IMPACT GLAZING DAM - WS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from impact forces - Windshield

FREQ	Prcnt	Code	Value and Description
2743	34.7	0	No glazing damage from impact forces
2222	28.1	2	Glazing in place and cracked from impact forces
209	2.6	3	Glazing in place and holed from impact forces
164	2.1	4	Glazing out-of-place (cracked or not) and not holed from impact forces
19	0.2	5	Glazing out-of-place and holed from impact forces
1	0.0	6	Glazing disintegrated from impact forces
0	0.0	7	Glazing removed prior to accident
0	0.0	8	No glazing
2554	32.3	9	Unknown if damaged/No record

Variable 518	IMPACT GLAZING DAM - LF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from impact forces - Left front window

FREQ	Prcnt	Code	Value and Description
4317	54.6	0	No glazing damage from impact forces
4	0.1	2	Glazing in place and cracked from impact forces
0	0.0	3	Glazing in place and holed from impact forces
3	0.0	4	Glazing out-of-place (cracked or not) and not holed from impact forces
0	0.0	5	Glazing out-of-place and holed from impact forces
1095	13.8	6	Glazing disintegrated from impact forces
1	0.0	7	Glazing removed prior to accident
8	0.1	8	No glazing
2484	31.4	9	Unknown if damaged/No record

Variable 519	IMPACT GLAZING DAM - RF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from impact forces - Right front window

FREQ	Prcnt	Code	Value and Description
4479	56.6	0	No glazing damage from impact forces
4	0.1	2	Glazing in place and cracked from impact forces
0	0.0	3	Glazing in place and holed from impact forces
1	0.0	4	Glazing out-of-place (cracked or not) and not holed from impact forces
0	0.0	5	Glazing out-of-place and holed from impact forces
941	11.9	6	Glazing disintegrated from impact forces
2	0.0	7	Glazing removed prior to accident
10	0.1	8	No glazing
2475	31.3	9	Unknown if damaged/No record

Variable 520	IMPACT GLAZING DAM - LR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from impact forces - Left rear window

FREQ	Prcnt	Code	Value and Description
4151	52.5	0	No glazing damage from impact forces
3	0.0	2	Glazing in place and cracked from impact forces
0	0.0	3	Glazing in place and holed from impact forces
5	0.1	4	Glazing out-of-place (cracked or not) and not holed from impact forces
1	0.0	5	Glazing out-of-place and holed from impact forces
522	6.6	6	Glazing disintegrated from impact forces
1	0.0	7	Glazing removed prior to accident
762	9.6	8	No glazing
2467	31.2	9	Unknown if damaged/No record

Variable 521	IMPACT GLAZING DAM - RR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from impact forces - Right rear window

FREQ	Prcnt	Code	Value and Description
4215	53.3	0	No glazing damage from impact forces
7	0.1	2	Glazing in place and cracked from impact forces
0	0.0	3	Glazing in place and holed from impact forces
9	0.1	4	Glazing out-of-place (cracked or not) and not holed from impact forces
0	0.0	5	Glazing out-of-place and holed from impact forces
485	6.1	6	Glazing disintegrated from impact forces
2	0.0	7	Glazing removed prior to accident
731	9.2	8	No glazing

Variable 521:IMPACT GLAZING DAM - RR (Continued)

FREQ	Prcnt	Code	Value and Description
2463	31.1	9	Unknown if damaged/No record

Variable 522	IMPACT GLAZING DAM - BL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from impact forces - Backlight, TG/H/LG

FREQ	Prcnt	Code	Value and Description
4661	58.9	0	No glazing damage from impact forces
7	0.1	2	Glazing in place and cracked from impact forces
3	0.0	3	Glazing in place and holed from impact forces
43	0.5	4	Glazing out-of-place (cracked or not) and not holed from impact forces
1	0.0	5	Glazing out-of-place and holed from impact forces
649	8.2	6	Glazing disintegrated from impact forces
3	0.0	7	Glazing removed prior to accident
63	0.8	8	No glazing
2482	31.4	9	Unknown if damaged/No record

Variable 523	IMPACT GLAZING DAM - RO	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from impact forces - Roof

FREQ	Prcnt	Code	Value and Description
651	8.2	0	No glazing damage from impact forces
10	0.1	2	Glazing in place and cracked from impact forces
1	0.0	3	Glazing in place and holed from impact forces
14	0.2	4	Glazing out-of-place (cracked or not) and not holed from impact forces
0	0.0	5	Glazing out-of-place and holed from impact forces
52	0.7	6	Glazing disintegrated from impact forces
0	0.0	7	Glazing removed prior to accident
4759	60.1	8	No glazing
2425	30.6	9	Unknown if damaged/No record

Variable 524	IMPACT GLAZING DAM - OT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from impact forces - Other

FREQ	Prcnt	Code	Value and Description
2727	34.5	0	No glazing damage from impact forces

Variable 524:IMPACT GLAZING DAM - OT (Continued)

FREQ	Prcnt	Code	Value and Description
3	0.0	2	Glazing in place and cracked from impact forces
1	0.0	3	Glazing in place and holed from impact forces
2	0.0	4	Glazing out-of-place (cracked or not) and not holed from impact forces
0	0.0	5	Glazing out-of-place and holed from impact forces
353	4.5	6	Glazing disintegrated from impact forces
1	0.0	7	Glazing removed prior to accident
2382	30.1	8	No glazing
2443	30.9	9	Unknown if damaged/No record

Variable 525	CONTACT GLAZING DAM - WS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from occupant contact - Windshield

FREQ	Prcnt	Code	Value and Description
4108	51.9	0	No occupant contact to glazing or no glazing
65	0.8	1	Glazing contacted by occupant but no glazing damage
939	11.9	2	Glazing in place and cracked by occupant contact
61	0.8	3	Glazing in place and holed by occupant contact
8	0.1	4	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
2	0.0	5	Glazing out-of-place by occupant contact and holed by occupant contact
0	0.0	6	Glazing disintegrated by occupant contact
2729	34.5	9	Unknown if contacted by occupant/No record

Variable 526	CONTACT GLAZING DAM - LF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from occ contact - Left front window

FREQ	Prcnt	Code	Value and Description
5150	65.1	0	No occupant contact to glazing or no glazing
37	0.5	1	Glazing contacted by occupant but no glazing damage
5	0.1	2	Glazing in place and cracked by occupant contact
0	0.0	3	Glazing in place and holed by occupant contact
0	0.0	4	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	5	Glazing out-of-place by occupant contact and holed by occupant contact
43	0.5	6	Glazing disintegrated by occupant contact
2677	33.8	9	Unknown if contacted by occupant/No record

Variable 527	CONTACT GLAZING DAM - RF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from occupant contact - Right front window

FREQ	Prcnt	Code	Value and Description
5294	66.9	0	No occupant contact to glazing or no glazing
23	0.3	1	Glazing contacted by occupant but no glazing damage
2	0.0	2	Glazing in place and cracked by occupant contact
0	0.0	3	Glazing in place and holed by occupant contact
0	0.0	4	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	5	Glazing out-of-place by occupant contact and holed by occupant contact
16	0.2	6	Glazing disintegrated by occupant contact
2577	32.6	9	Unknown if contacted by occupant/No record

Variable 528	CONTACT GLAZING DAM - LR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from occupant contact - Left rear window

FREQ	Prcnt	Code	Value and Description
5431	68.6	0	No occupant contact to glazing or no glazing
4	0.1	1	Glazing contacted by occupant but no glazing damage
0	0.0	2	Glazing in place and cracked by occupant contact
0	0.0	3	Glazing in place and holed by occupant contact
0	0.0	4	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	5	Glazing out-of-place by occupant contact and holed by occupant contact
5	0.1	6	Glazing disintegrated by occupant contact
2472	31.2	9	Unknown if contacted by occupant/No record

Variable 529	CONTACT GLAZING DAM - RR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from occupant contact - Right rear window

FREQ	Prcnt	Code	Value and Description
5415	68.4	0	No occupant contact to glazing or no glazing
7	0.1	1	Glazing contacted by occupant but no glazing damage
4	0.1	2	Glazing in place and cracked by occupant contact
0	0.0	3	Glazing in place and holed by occupant contact
0	0.0	4	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	5	Glazing out-of-place by occupant contact and holed by occupant contact
5	0.1	6	Glazing disintegrated by occupant contact

Variable 529:CONTACT GLAZING DAM - RR (Continued)

FREQ	Prcnt	Code	Value and Description
2481	31.4	9	Unknown if contacted by occupant/No record

Variable 530	CONTACT GLAZING DAM - BL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from occ contact - Backlight, TG/H/LG

FREQ	Prcnt	Code	Value and Description
5397	68.2	0	No occupant contact to glazing or no glazing
5	0.1	1	Glazing contacted by occupant but no glazing damage
1	0.0	2	Glazing in place and cracked by occupant contact
1	0.0	3	Glazing in place and holed by occupant contact
2	0.0	4	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	5	Glazing out-of-place by occupant contact and holed by occupant contact
13	0.2	6	Glazing disintegrated by occupant contact
2493	31.5	9	Unknown if contacted by occupant/No record

Variable 531	CONTACT GLAZING DAM - RO	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from occupant damage - Roof

FREQ	Prcnt	Code	Value and Description
5487	69.4	0	No occupant contact to glazing or no glazing
1	0.0	1	Glazing contacted by occupant but no glazing damage
1	0.0	2	Glazing in place and cracked by occupant contact
0	0.0	3	Glazing in place and holed by occupant contact
0	0.0	4	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	5	Glazing out-of-place by occupant contact and holed by occupant contact
1	0.0	6	Glazing disintegrated by occupant contact
2422	30.6	9	Unknown if contacted by occupant/No record

Variable 532	CONTACT GLAZING DAM - OT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from occupant contact - Other

FREQ	Prcnt	Code	Value and Description
5470	69.1	0	No occupant contact to glazing or no glazing

Variable 532:CONTACT GLAZING DAM - OT (Continued)

FREQ	Prcnt	Code	Value and Description
2	0.0	1	Glazing contacted by occupant but no glazing damage
1	0.0	2	Glazing in place and cracked by occupant contact
0	0.0	3	Glazing in place and holed by occupant contact
0	0.0	4	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	5	Glazing out-of-place by occupant contact and holed by occupant contact
1	0.0	6	Glazing disintegrated by occupant contact
2438	30.8	9	Unknown if contacted by occupant/No record

Variable 533	TYPE OF GLAZING - WS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of window/windshield glazing - Windshield

FREQ	Prcnt	Code	Value and Description
2316	29.3	0	No glazing contact and no damage, or no glazing
3115	39.4	1	AS-1 - Laminated
10	0.1	2	AS-2 - Tempered
0	0.0	3	AS-3 - Tempered-tinted
1	0.0	4	AS-14 - Glass/plastic
0	0.0	8	Other
2470	31.2	9	Unknown/No record

Variable 534	TYPE OF GLAZING - LF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of window/windshield glazing - Left front window

FREQ	Prcnt	Code	Value and Description
4233	53.5	0	No glazing contact and no damage, or no glazing
10	0.1	1	AS-1 - Laminated
1199	15.2	2	AS-2 - Tempered
4	0.1	3	AS-3 - Tempered-tinted
0	0.0	4	AS-14 - Glass/plastic
5	0.1	8	Other
2461	31.1	9	Unknown/No record

Variable 535	TYPE OF GLAZING - RF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of window/windshield glazing - Right front window

FREQ	Prcnt	Code	Value and Description
4448	56.2	0	No glazing contact and no damage, or no glazing
5	0.1	1	AS-1 - Laminated
991	12.5	2	AS-2 - Tempered
8	0.1	3	AS-3 - Tempered-tinted
0	0.0	4	AS-14 - Glass/plastic
7	0.1	8	Other
2453	31.0	9	Unknown/No record

Variable 536	TYPE OF GLAZING - LR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of window/windshield glazing - Left rear window

FREQ	Prcnt	Code	Value and Description
4902	62.0	0	No glazing contact and no damage, or no glazing
2	0.0	1	AS-1 - Laminated
537	6.8	2	AS-2 - Tempered
23	0.3	3	AS-3 - Tempered-tinted
1	0.0	4	AS-14 - Glass/plastic
3	0.0	8	Other
2444	30.9	9	Unknown/No record

Variable 537	TYPE OF GLAZING - RR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of window/windshield glazing - Right rear window

FREQ	Prcnt	Code	Value and Description
4930	62.3	0	No glazing contact and no damage, or no glazing
5	0.1	1	AS-1 - Laminated
510	6.4	2	AS-2 - Tempered
19	0.2	3	AS-3 - Tempered-tinted
1	0.0	4	AS-14 - Glass/plastic
2	0.0	8	Other
2445	30.9	9	Unknown/No record

Variable 538	TYPE OF GLAZING - BL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of window/windshield glazing - Backlight, TG/H/LG

FREQ	Prcnt	Code	Value and Description
4706	59.5	0	No glazing contact and no damage, or no glazing
19	0.2	1	AS-1 - Laminated
689	8.7	2	AS-2 - Tempered
28	0.4	3	AS-3 - Tempered-tinted
0	0.0	4	AS-14 - Glass/plastic
5	0.1	8	Other
2465	31.2	9	Unknown/No record

Variable 539	TYPE OF GLAZING - RO	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of window/windshield glazing - Roof

FREQ	Prcnt	Code	Value and Description
5408	68.4	0	No glazing contact and no damage, or no glazing
3	0.0	1	AS-1 - Laminated
38	0.5	2	AS-2 - Tempered
29	0.4	3	AS-3 - Tempered-tinted
1	0.0	4	AS-14 - Glass/plastic
1	0.0	8	Other
2432	30.7	9	Unknown/No record

Variable 540	TYPE OF GLAZING - OT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of window/windshield glazing - Other

FREQ	Prcnt	Code	Value and Description
5105	64.5	0	No glazing contact and no damage, or no glazing
10	0.1	1	AS-1 - Laminated
355	4.5	2	AS-2 - Tempered
10	0.1	3	AS-3 - Tempered-tinted
0	0.0	4	AS-14 - Glass/plastic
1	0.0	8	Other
2431	30.7	9	Unknown/No record

Variable 541 WIN PRECRASH STAT - WS Width: 1 Type: Numeric
 Dec: None Miss: 9

Window pre-crash status - Windshield

FREQ	Prcnt	Code	Value and Description
2316	29.3	0	No glazing contact and no damage, or no glazing
3150	39.8	1	Fixed
0	0.0	2	Closed
0	0.0	3	Partially opened
0	0.0	4	Fully opened
2446	30.9	9	Unknown/No record

Variable 542 WIN PRECRASH STAT - LF Width: 1 Type: Numeric
 Dec: None Miss: 9

Window pre-crash status - Left front window

FREQ	Prcnt	Code	Value and Description
4233	53.5	0	No glazing contact and no damage, or no glazing
3	0.0	1	Fixed
1099	13.9	2	Closed
34	0.4	3	Partially opened
58	0.7	4	Fully opened
2485	31.4	9	Unknown/No record

Variable 543 WIN PRECRASH STAT - RF Width: 1 Type: Numeric
 Dec: None Miss: 9

Window pre-crash status - Right front window

FREQ	Prcnt	Code	Value and Description
4448	56.2	0	No glazing contact and no damage, or no glazing
4	0.1	1	Fixed
927	11.7	2	Closed
28	0.4	3	Partially opened
31	0.4	4	Fully opened
2474	31.3	9	Unknown/No record

Variable 544 WIN PRECRASH STAT - LR Width: 1 Type: Numeric
 Dec: None Miss: 9

Window pre-crash status - Left rear window

FREQ	Prcnt	Code	Value and Description
4902	62.0	0	No glazing contact and no damage, or no glazing

Variable 544:WIN PRECRASH STAT - LR (Continued)

FREQ	Prcnt	Code	Value and Description
193	2.4	1	Fixed
359	4.5	2	Closed
4	0.1	3	Partially opened
2	0.0	4	Fully opened
2452	31.0	9	Unknown/No record

Variable 545	WIN PRECRASH STAT - RR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Window pre-crash status - Right rear window

FREQ	Prcnt	Code	Value and Description
4930	62.3	0	No glazing contact and no damage, or no glazing
212	2.7	1	Fixed
313	4.0	2	Closed
3	0.0	3	Partially opened
3	0.0	4	Fully opened
2451	31.0	9	Unknown/No record

Variable 546	WIN PRECRASH STAT - BL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Pre-crash status - Backlight, TG/H/Liftgate window

FREQ	Prcnt	Code	Value and Description
4706	59.5	0	No glazing contact and no damage, or no glazing
680	8.6	1	Fixed
79	1.0	2	Closed
1	0.0	3	Partially opened
0	0.0	4	Fully opened
2446	30.9	9	Unknown/No record

Variable 547	WIN PRECRASH STAT - RO	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Window pre-crash status - Roof

FREQ	Prcnt	Code	Value and Description
5408	68.4	0	No glazing contact and no damage, or no glazing
19	0.2	1	Fixed
53	0.7	2	Closed
2	0.0	3	Partially opened
0	0.0	4	Fully opened

Variable 547:WIN PRECRASH STAT - RO (Continued)

FREQ	Prcnt	Code	Value and Description
2430	30.7	9	Unknown/No record

Variable 548	WIN PRECRASH STAT - OT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Window pre-crash status - Other

FREQ	Prcnt	Code	Value and Description
5105	64.5	0	No glazing contact and no damage, or no glazing
298	3.8	1	Fixed
71	0.9	2	Closed
4	0.1	3	Partially opened
0	0.0	4	Fully opened
2434	30.8	9	Unknown/No record

The INTERIOR DAMAGE "B" Variables

Variables 601 through 652 describe interior damage to vehicles involved in the accident. Additional interior damage information is documented in Variables 501 - 548.

Variable 601	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

Variable 602	CASE NUMBER	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

Variable 603	RECORD NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None

FREQ	Prct	Code	Value and Description
2404	30.4	0	Filler - No damage record for this vehicle.
5508	69.6	6	Interior Damage "B" record

Variable 604	VERSION NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None

FREQ	Prct	Code	Value and Description
7912	100.0	6	Version 6

Variable 605	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

FREQ	Prct	Code	Value and Description
4563	57.7	1	Vehicle #1
2853	36.1	2	Vehicle #2
399	5.0	3	Vehicle #3
68	0.9	4	Vehicle #4
23	0.3	5	Vehicle #5
6	0.1	6	Vehicle #6

NASS Crashworthiness Data System (CDS)
1993 - Interior Damage B

Variable 606	INTRUSION LOCATION (1)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
897	11.3	11	Front row - left
128	1.6	12	Front row - middle
743	9.4	13	Front row - right
301	3.8	21	Second row - left
56	0.7	22	Second row - middle
244	3.1	23	Second row - right
6	0.1	31	Third row - left
1	0.0	32	Third row - middle
3	0.0	33	Third row - right
0	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
2	0.0	43	Fourth row - right
2971	37.6	96	No Intrusion
10	0.1	97	Catastrophic
49	0.6	98	Other enclosed area
2501	31.6	99	Unknown/No record

Variable 607	INTRUDING COMPONENT (1)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
Interior components			
34	0.4	1	Steering assembly
65	0.8	2	Instrument panel left
19	0.2	3	Instrument panel center
48	0.6	4	Instrument panel right
461	5.8	5	Toe pan
112	1.4	6	A (A1/A2)-pillar
144	1.8	7	B-pillar
26	0.3	8	C-pillar
4	0.1	9	D-pillar
454	5.7	10	Door panel (side)
176	2.2	12	Roof (or convertible top)
55	0.7	13	Roof side rail
86	1.1	14	Windshield
65	0.8	15	Windshield header
19	0.2	16	Window frame
141	1.8	17	Floor pan (includes sill)
8	0.1	18	Backlight header
135	1.7	19	Front seat back
82	1.0	20	Second seat back
1	0.0	21	Third seat back
0	0.0	22	Fourth seat back
0	0.0	23	Fifth seat back
26	0.3	24	Seat cushion
42	0.5	25	Back door/panel (e.g. tailgate)
27	0.3	26	Other interior component
91	1.2	27	Side panel - forward of A (A1/A2)-pillar

Variable 607:INTRUDING COMPONENT (1) (Continued)

FREQ	Prcnt	Code	Value and Description
71	0.9	28	Side panel - rear of A (A1/A2)-pillar
			Exterior components
11	0.1	30	Hood
14	0.2	31	Outside surface of this vehicle
9	0.1	32	Other exterior object in the environment
1	0.0	33	Unknown exterior object
2971	37.6	96	No Intrusion
10	0.1	97	Catastrophic
3	0.0	98	Intrusion of unlisted component(s)
2501	31.6	99	Unknown/No record

Variable 608	<u>INTRUSION MAGNITUDE (1)</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Magnitude of intrusion (1)

FREQ	Prcnt	Code	Value and Description
385	4.9	1	> or = 3 centimeters but < 8 centimeters
549	6.9	2	> or = 8 centimeters but < 15 centimeters
710	9.0	3	> or = 15 centimeters but < 30 centimeters
447	5.6	4	> or = 30 centimeters but < 46 centimeters
198	2.5	5	> or = 46 centimeters but < 61 centimeters
141	1.8	6	> or = 61 centimeters
10	0.1	7	Catastrophic
2971	37.6	8	No Intrusion
2501	31.6	9	Unknown/No record

Variable 609	<u>CRUSH DIRECTION (1)</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Dominant crush direction (1)

FREQ	Prcnt	Code	Value and Description
409	5.2	1	Vertical
1056	13.3	2	Longitudinal
965	12.2	3	Lateral
10	0.1	7	Catastrophic
2971	37.6	8	No Intrusion
2501	31.6	9	Unknown/No record

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Variable 610	<u>INTRUSION LOCATION (2)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
673	8.5	11	Front row - left
196	2.5	12	Front row - middle
583	7.4	13	Front row - right
252	3.2	21	Second row - left
99	1.3	22	Second row - middle
206	2.6	23	Second row - right
1	0.0	31	Third row - left
4	0.1	32	Third row - middle
3	0.0	33	Third row - right
0	0.0	41	Fourth row - left
1	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
3467	43.8	96	No Intrusion
0	0.0	97	Catastrophic
16	0.2	98	Other enclosed area
2411	30.5	99	Unknown/No record

Variable 611	<u>INTRUDING COMPONENT (2)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
Interior components			
39	0.5	1	Steering assembly
55	0.7	2	Instrument panel left
27	0.3	3	Instrument panel center
79	1.0	4	Instrument panel right
209	2.6	5	Toe pan
118	1.5	6	A (A1/A2)-pillar
168	2.1	7	B-pillar
35	0.4	8	C-pillar
2	0.0	9	D-pillar
224	2.8	10	Door panel (side)
154	1.9	12	Roof (or convertible top)
94	1.2	13	Roof side rail
78	1.0	14	Windshield
75	0.9	15	Windshield header
37	0.5	16	Window frame
168	2.1	17	Floor pan (includes sill)
21	0.3	18	Backlight header
107	1.4	19	Front seat back
95	1.2	20	Second seat back
0	0.0	21	Third seat back
0	0.0	22	Fourth seat back
0	0.0	23	Fifth seat back
28	0.4	24	Seat cushion
12	0.2	25	Back door/panel (e.g. tailgate)
20	0.3	26	Other interior component
101	1.3	27	Side panel - forward of A (A1/A2)-pillar

Variable 611:INTRUDING COMPONENT (2) (Continued)

FREQ	Prcnt	Code	Value and Description
67	0.8	28	Side panel - rear of A (A1/A2)-pillar
Exterior components			
7	0.1	30	Hood
10	0.1	31	Outside surface of this vehicle
4	0.1	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
3467	43.8	96	No Intrusion
0	0.0	97	Catastrophic
0	0.0	98	Intrusion of unlisted component(s)
2411	30.5	99	Unknown/No record

Variable 612 INTRUSION MAGNITUDE (2) Width: 1 Type: Numeric
 Dec: None Miss: 9

Magnitude of intrusion (2)

FREQ	Prcnt	Code	Value and Description
393	5.0	1	> or = 3 centimeters but < 8 centimeters
467	5.9	2	> or = 8 centimeters but < 15 centimeters
621	7.8	3	> or = 15 centimeters but < 30 centimeters
347	4.4	4	> or = 30 centimeters but < 46 centimeters
124	1.6	5	> or = 46 centimeters but < 61 centimeters
82	1.0	6	> or = 61 centimeters
0	0.0	7	Catastrophic
3467	43.8	8	No Intrusion
2411	30.5	9	Unknown/No record

Variable 613 CRUSH DIRECTION (2) Width: 1 Type: Numeric
 Dec: None Miss: 9

Dominant crush direction (2)

FREQ	Prcnt	Code	Value and Description
423	5.3	1	Vertical
747	9.4	2	Longitudinal
864	10.9	3	Lateral
0	0.0	7	Catastrophic
3467	43.8	8	No Intrusion
2411	30.5	9	Unknown/No record

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Variable 614	<u>INTRUSION LOCATION (3)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
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603	7.6	11	Front row - left
175	2.2	12	Front row - middle
489	6.2	13	Front row - right
207	2.6	21	Second row - left
46	0.6	22	Second row - middle
216	2.7	23	Second row - right
4	0.1	31	Third row - left
0	0.0	32	Third row - middle
1	0.0	33	Third row - right
0	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
3749	47.4	96	No Intrusion
0	0.0	97	Catastrophic
15	0.2	98	Other enclosed area
2407	30.4	99	Unknown/No record

Variable 615	<u>INTRUDING COMPONENT (3)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
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Interior components			
36	0.5	1	Steering assembly
71	0.9	2	Instrument panel left
55	0.7	3	Instrument panel center
54	0.7	4	Instrument panel right
105	1.3	5	Toe pan
115	1.5	6	A (A1/A2)-pillar
127	1.6	7	B-pillar
33	0.4	8	C-pillar
0	0.0	9	D-pillar
200	2.5	10	Door panel (side)
135	1.7	12	Roof (or convertible top)
91	1.2	13	Roof side rail
82	1.0	14	Windshield
93	1.2	15	Windshield header
28	0.4	16	Window frame
152	1.9	17	Floor pan (includes sill)
11	0.1	18	Backlight header
90	1.1	19	Front seat back
80	1.0	20	Second seat back
0	0.0	21	Third seat back
0	0.0	22	Fourth seat back
0	0.0	23	Fifth seat back
37	0.5	24	Seat cushion
10	0.1	25	Back door/panel (e.g. tailgate)
22	0.3	26	Other interior component
63	0.8	27	Side panel - forward of A (A1/A2)-pillar

Variable 615:INTRUDING COMPONENT (3) (Continued)

FREQ	Prcnt	Code	Value and Description
48	0.6	28	Side panel - rear of A (A1/A2)-pillar
Exterior components			
7	0.1	30	Hood
10	0.1	31	Outside surface of this vehicle
1	0.0	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
3749	47.4	96	No Intrusion
0	0.0	97	Catastrophic
0	0.0	98	Intrusion of unlisted component(s)
2407	30.4	99	Unknown/No record

Variable 616 INTRUSION MAGNITUDE (3) Width: 1 Type: Numeric
 Dec: None Miss: 9

Magnitude of intrusion (3)

FREQ	Prcnt	Code	Value and Description
376	4.8	1	> or = 3 centimeters but < 8 centimeters
466	5.9	2	> or = 8 centimeters but < 15 centimeters
497	6.3	3	> or = 15 centimeters but < 30 centimeters
275	3.5	4	> or = 30 centimeters but < 46 centimeters
89	1.1	5	> or = 46 centimeters but < 61 centimeters
53	0.7	6	> or = 61 centimeters
0	0.0	7	Catastrophic
3749	47.4	8	No Intrusion
2407	30.4	9	Unknown/No record

Variable 617 CRUSH DIRECTION (3) Width: 1 Type: Numeric
 Dec: None Miss: 9

Dominant crush direction (3)

FREQ	Prcnt	Code	Value and Description
386	4.9	1	Vertical
616	7.8	2	Longitudinal
754	9.5	3	Lateral
0	0.0	7	Catastrophic
3749	47.4	8	No Intrusion
2407	30.4	9	Unknown/No record

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Variable 618	<u>INTRUSION LOCATION (4)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ Prcnt Code Value and Description

521	6.6	11	Front row - left
183	2.3	12	Front row - middle
404	5.1	13	Front row - right
148	1.9	21	Second row - left
42	0.5	22	Second row - middle
147	1.9	23	Second row - right
2	0.0	31	Third row - left
1	0.0	32	Third row - middle
2	0.0	33	Third row - right
0	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
4045	51.1	96	No Intrusion
0	0.0	97	Catastrophic
8	0.1	98	Other enclosed area
2409	30.4	99	Unknown/No record

Variable 619	<u>INTRUDING COMPONENT (4)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ Prcnt Code Value and Description

Interior components			
32	0.4	1	Steering assembly
59	0.7	2	Instrument panel left
65	0.8	3	Instrument panel center
46	0.6	4	Instrument panel right
79	1.0	5	Toe pan
120	1.5	6	A (A1/A2)-pillar
96	1.2	7	B-pillar
31	0.4	8	C-pillar
1	0.0	9	D-pillar
122	1.5	10	Door panel (side)
120	1.5	12	Roof (or convertible top)
103	1.3	13	Roof side rail
60	0.8	14	Windshield
91	1.2	15	Windshield header
23	0.3	16	Window frame
126	1.6	17	Floor pan (includes sill)
28	0.4	18	Backlight header
68	0.9	19	Front seat back
43	0.5	20	Second seat back
0	0.0	21	Third seat back
1	0.0	22	Fourth seat back
0	0.0	23	Fifth seat back
39	0.5	24	Seat cushion
9	0.1	25	Back door/panel (e.g. tailgate)
22	0.3	26	Other interior component
38	0.5	27	Side panel - forward of A (A1/A2)-pillar

Variable 619:INTRUDING COMPONENT (4) (Continued)

FREQ	Prcnt	Code	Value and Description
26	0.3	28	Side panel - rear of A (A1/A2)-pillar
			Exterior components
4	0.1	30	Hood
3	0.0	31	Outside surface of this vehicle
2	0.0	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
4045	51.1	96	No Intrusion
0	0.0	97	Catastrophic
1	0.0	98	Intrusion of unlisted component(s)
2409	30.4	99	Unknown/No record

Variable 620	INTRUSION MAGNITUDE (4)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Magnitude of intrusion (4)

FREQ	Prcnt	Code	Value and Description
342	4.3	1	> or = 3 centimeters but < 8 centimeters
391	4.9	2	> or = 8 centimeters but < 15 centimeters
429	5.4	3	> or = 15 centimeters but < 30 centimeters
204	2.6	4	> or = 30 centimeters but < 46 centimeters
66	0.8	5	> or = 46 centimeters but < 61 centimeters
26	0.3	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4045	51.1	8	No Intrusion
2409	30.4	9	Unknown/No record

Variable 621	CRUSH DIRECTION (4)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Dominant crush direction (4)

FREQ	Prcnt	Code	Value and Description
388	4.9	1	Vertical
476	6.0	2	Longitudinal
594	7.5	3	Lateral
0	0.0	7	Catastrophic
4045	51.1	8	No Intrusion
2409	30.4	9	Unknown/No record

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Variable 622	<u>INTRUSION LOCATION (5)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
444	5.6	11	Front row - left
189	2.4	12	Front row - middle
324	4.1	13	Front row - right
136	1.7	21	Second row - left
28	0.4	22	Second row - middle
126	1.6	23	Second row - right
1	0.0	31	Third row - left
0	0.0	32	Third row - middle
3	0.0	33	Third row - right
0	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
4245	53.7	96	No Intrusion
0	0.0	97	Catastrophic
5	0.1	98	Other enclosed area
2411	30.5	99	Unknown/No record

Variable 623	<u>INTRUDING COMPONENT (5)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
Interior components			
24	0.3	1	Steering assembly
46	0.6	2	Instrument panel left
47	0.6	3	Instrument panel center
51	0.6	4	Instrument panel right
56	0.7	5	Toe pan
74	0.9	6	A (A1/A2)-pillar
85	1.1	7	B-pillar
22	0.3	8	C-pillar
0	0.0	9	D-pillar
76	1.0	10	Door panel (side)
132	1.7	12	Roof (or convertible top)
97	1.2	13	Roof side rail
53	0.7	14	Windshield
93	1.2	15	Windshield header
21	0.3	16	Window frame
125	1.6	17	Floor pan (includes sill)
24	0.3	18	Backlight header
69	0.9	19	Front seat back
32	0.4	20	Second seat back
0	0.0	21	Third seat back
0	0.0	22	Fourth seat back
0	0.0	23	Fifth seat back
32	0.4	24	Seat cushion
9	0.1	25	Back door/panel (e.g. tailgate)
7	0.1	26	Other interior component
44	0.6	27	Side panel - forward of A (A1/A2)-pillar

Variable 623:INTRUDING COMPONENT (5) (Continued)

FREQ	Prcnt	Code	Value and Description
25	0.3	28	Side panel - rear of A (A1/A2)-pillar
Exterior components			
2	0.0	30	Hood
3	0.0	31	Outside surface of this vehicle
5	0.1	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
4245	53.7	96	No Intrusion
0	0.0	97	Catastrophic
2	0.0	98	Intrusion of unlisted component(s)
2411	30.5	99	Unknown/No record

Variable 624 INTRUSION MAGNITUDE (5) Width: 1 Type: Numeric
 Dec: None Miss: 9

Magnitude of intrusion (5)

FREQ	Prcnt	Code	Value and Description
336	4.2	1	> or = 3 centimeters but < 8 centimeters
316	4.0	2	> or = 8 centimeters but < 15 centimeters
385	4.9	3	> or = 15 centimeters but < 30 centimeters
149	1.9	4	> or = 30 centimeters but < 46 centimeters
54	0.7	5	> or = 46 centimeters but < 61 centimeters
16	0.2	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4245	53.7	8	No Intrusion
2411	30.5	9	Unknown/No record

Variable 625 CRUSH DIRECTION (5) Width: 1 Type: Numeric
 Dec: None Miss: 9

Dominant crush direction (5)

FREQ	Prcnt	Code	Value and Description
367	4.6	1	Vertical
378	4.8	2	Longitudinal
511	6.5	3	Lateral
0	0.0	7	Catastrophic
4245	53.7	8	No Intrusion
2411	30.5	9	Unknown/No record

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Variable 626	INTRUSION LOCATION (6)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
347	4.4	11	Front row - left
139	1.8	12	Front row - middle
302	3.8	13	Front row - right
130	1.6	21	Second row - left
31	0.4	22	Second row - middle
112	1.4	23	Second row - right
2	0.0	31	Third row - left
0	0.0	32	Third row - middle
1	0.0	33	Third row - right
1	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
4429	56.0	96	No Intrusion
0	0.0	97	Catastrophic
10	0.1	98	Other enclosed area
2408	30.4	99	Unknown/No record

Variable 627	INTRUDING COMPONENT (6)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
Interior components			
28	0.4	1	Steering assembly
32	0.4	2	Instrument panel left
35	0.4	3	Instrument panel center
28	0.4	4	Instrument panel right
36	0.5	5	Toe pan
87	1.1	6	A (A1/A2)-pillar
69	0.9	7	B-pillar
19	0.2	8	C-pillar
1	0.0	9	D-pillar
67	0.8	10	Door panel (side)
106	1.3	12	Roof (or convertible top)
97	1.2	13	Roof side rail
50	0.6	14	Windshield
98	1.2	15	Windshield header
28	0.4	16	Window frame
75	0.9	17	Floor pan (includes sill)
25	0.3	18	Backlight header
51	0.6	19	Front seat back
28	0.4	20	Second seat back
0	0.0	21	Third seat back
0	0.0	22	Fourth seat back
0	0.0	23	Fifth seat back
42	0.5	24	Seat cushion
6	0.1	25	Back door/panel (e.g. tailgate)
3	0.0	26	Other interior component
35	0.4	27	Side panel - forward of A (A1/A2)-pillar

Variable 627:INTRUDING COMPONENT (6) (Continued)

FREQ	Prcnt	Code	Value and Description
22	0.3	28	Side panel - rear of A (A1/A2)-pillar
			Exterior components
1	0.0	30	Hood
2	0.0	31	Outside surface of this vehicle
3	0.0	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
4429	56.0	96	No Intrusion
0	0.0	97	Catastrophic
1	0.0	98	Intrusion of unlisted component(s)
2408	30.4	99	Unknown/No record

Variable 628 INTRUSION MAGNITUDE (6) Width: 1 Type: Numeric
 Dec: None Miss: 9

Magnitude of intrusion (6)

FREQ	Prcnt	Code	Value and Description
309	3.9	1	> or = 3 centimeters but < 8 centimeters
290	3.7	2	> or = 8 centimeters but < 15 centimeters
322	4.1	3	> or = 15 centimeters but < 30 centimeters
107	1.4	4	> or = 30 centimeters but < 46 centimeters
35	0.4	5	> or = 46 centimeters but < 61 centimeters
12	0.2	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4429	56.0	8	No Intrusion
2408	30.4	9	Unknown/No record

Variable 629 CRUSH DIRECTION (6) Width: 1 Type: Numeric
 Dec: None Miss: 9

Dominant crush direction (6)

FREQ	Prcnt	Code	Value and Description
342	4.3	1	Vertical
294	3.7	2	Longitudinal
439	5.5	3	Lateral
0	0.0	7	Catastrophic
4429	56.0	8	No Intrusion
2408	30.4	9	Unknown/No record

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Variable 630	<u>INTRUSION LOCATION (7)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
291	3.7	11	Front row - left
128	1.6	12	Front row - middle
231	2.9	13	Front row - right
115	1.5	21	Second row - left
27	0.3	22	Second row - middle
99	1.3	23	Second row - right
3	0.0	31	Third row - left
0	0.0	32	Third row - middle
2	0.0	33	Third row - right
0	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
4593	58.1	96	No Intrusion
0	0.0	97	Catastrophic
6	0.1	98	Other enclosed area
2417	30.5	99	Unknown/No record

Variable 631	<u>INTRUDING COMPONENT (7)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
Interior components			
20	0.3	1	Steering assembly
22	0.3	2	Instrument panel left
28	0.4	3	Instrument panel center
20	0.3	4	Instrument panel right
32	0.4	5	Toe pan
71	0.9	6	A (A1/A2)-pillar
42	0.5	7	B-pillar
19	0.2	8	C-pillar
3	0.0	9	D-pillar
49	0.6	10	Door panel (side)
114	1.4	12	Roof (or convertible top)
90	1.1	13	Roof side rail
33	0.4	14	Windshield
82	1.0	15	Windshield header
18	0.2	16	Window frame
81	1.0	17	Floor pan (includes sill)
18	0.2	18	Backlight header
45	0.6	19	Front seat back
23	0.3	20	Second seat back
0	0.0	21	Third seat back
0	0.0	22	Fourth seat back
0	0.0	23	Fifth seat back
38	0.5	24	Seat cushion
4	0.1	25	Back door/panel (e.g. tailgate)
8	0.1	26	Other interior component
24	0.3	27	Side panel - forward of A (A1/A2)-pillar

Variable 631:INTRUDING COMPONENT (7) (Continued)

FREQ	Prcnt	Code	Value and Description
13	0.2	28	Side panel - rear of A (A1/A2)-pillar
			Exterior components
1	0.0	30	Hood
2	0.0	31	Outside surface of this vehicle
1	0.0	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
4593	58.1	96	No Intrusion
0	0.0	97	Catastrophic
1	0.0	98	Intrusion of unlisted component(s)
2417	30.5	99	Unknown/No record

Variable 632 INTRUSION MAGNITUDE (7) Width: 1 Type: Numeric
 Dec: None Miss: 9

Magnitude of intrusion (7)

FREQ	Prcnt	Code	Value and Description
281	3.6	1	> or = 3 centimeters but < 8 centimeters
247	3.1	2	> or = 8 centimeters but < 15 centimeters
262	3.3	3	> or = 15 centimeters but < 30 centimeters
80	1.0	4	> or = 30 centimeters but < 46 centimeters
24	0.3	5	> or = 46 centimeters but < 61 centimeters
8	0.1	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4593	58.1	8	No Intrusion
2417	30.5	9	Unknown/No record

Variable 633 CRUSH DIRECTION (7) Width: 1 Type: Numeric
 Dec: None Miss: 9

Dominant crush direction (7)

FREQ	Prcnt	Code	Value and Description
299	3.8	1	Vertical
222	2.8	2	Longitudinal
381	4.8	3	Lateral
0	0.0	7	Catastrophic
4593	58.1	8	No Intrusion
2417	30.5	9	Unknown/No record

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Variable 634	<u>INTRUSION LOCATION (8)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
242	3.1	11	Front row - left
108	1.4	12	Front row - middle
201	2.5	13	Front row - right
85	1.1	21	Second row - left
28	0.4	22	Second row - middle
78	1.0	23	Second row - right
0	0.0	31	Third row - left
0	0.0	32	Third row - middle
1	0.0	33	Third row - right
0	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
4759	60.1	96	No Intrusion
0	0.0	97	Catastrophic
0	0.0	98	Other enclosed area
2410	30.5	99	Unknown/No record

Variable 635	<u>INTRUDING COMPONENT (8)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
Interior components			
15	0.2	1	Steering assembly
24	0.3	2	Instrument panel left
18	0.2	3	Instrument panel center
23	0.3	4	Instrument panel right
32	0.4	5	Toe pan
54	0.7	6	A (A1/A2)-pillar
22	0.3	7	B-pillar
17	0.2	8	C-pillar
0	0.0	9	D-pillar
37	0.5	10	Door panel (side)
107	1.4	12	Roof (or convertible top)
84	1.1	13	Roof side rail
26	0.3	14	Windshield
68	0.9	15	Windshield header
15	0.2	16	Window frame
51	0.6	17	Floor pan (includes sill)
23	0.3	18	Backlight header
41	0.5	19	Front seat back
19	0.2	20	Second seat back
0	0.0	21	Third seat back
0	0.0	22	Fourth seat back
0	0.0	23	Fifth seat back
23	0.3	24	Seat cushion
4	0.1	25	Back door/panel (e.g. tailgate)
8	0.1	26	Other interior component
14	0.2	27	Side panel - forward of A (A1/A2)-pillar

Variable 635:INTRUDING COMPONENT (8) (Continued)

FREQ	Prcnt	Code	Value and Description
11	0.1	28	Side panel - rear of A (A1/A2)-pillar
			Exterior components
4	0.1	30	Hood
1	0.0	31	Outside surface of this vehicle
1	0.0	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
4759	60.1	96	No Intrusion
0	0.0	97	Catastrophic
1	0.0	98	Intrusion of unlisted component(s)
2410	30.5	99	Unknown/No record

Variable 636	INTRUSION MAGNITUDE (8)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Magnitude of intrusion (8)

FREQ	Prcnt	Code	Value and Description
256	3.2	1	> or = 3 centimeters but < 8 centimeters
205	2.6	2	> or = 8 centimeters but < 15 centimeters
199	2.5	3	> or = 15 centimeters but < 30 centimeters
62	0.8	4	> or = 30 centimeters but < 46 centimeters
13	0.2	5	> or = 46 centimeters but < 61 centimeters
8	0.1	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4759	60.1	8	No Intrusion
2410	30.5	9	Unknown/No record

Variable 637	CRUSH DIRECTION (8)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Dominant crush direction (8)

FREQ	Prcnt	Code	Value and Description
280	3.5	1	Vertical
183	2.3	2	Longitudinal
280	3.5	3	Lateral
0	0.0	7	Catastrophic
4759	60.1	8	No Intrusion
2410	30.5	9	Unknown/No record

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Variable 638	<u>INTRUSION LOCATION (9)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
189	2.4	11	Front row - left
99	1.3	12	Front row - middle
163	2.1	13	Front row - right
74	0.9	21	Second row - left
20	0.3	22	Second row - middle
72	0.9	23	Second row - right
1	0.0	31	Third row - left
0	0.0	32	Third row - middle
1	0.0	33	Third row - right
0	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
4884	61.7	96	No Intrusion
0	0.0	97	Catastrophic
2	0.0	98	Other enclosed area
2407	30.4	99	Unknown/No record

Variable 639	<u>INTRUDING COMPONENT (9)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
Interior components			
14	0.2	1	Steering assembly
17	0.2	2	Instrument panel left
16	0.2	3	Instrument panel center
13	0.2	4	Instrument panel right
17	0.2	5	Toe pan
50	0.6	6	A (A1/A2)-pillar
21	0.3	7	B-pillar
16	0.2	8	C-pillar
0	0.0	9	D-pillar
38	0.5	10	Door panel (side)
89	1.1	12	Roof (or convertible top)
81	1.0	13	Roof side rail
35	0.4	14	Windshield
53	0.7	15	Windshield header
7	0.1	16	Window frame
34	0.4	17	Floor pan (includes sill)
12	0.2	18	Backlight header
34	0.4	19	Front seat back
16	0.2	20	Second seat back
0	0.0	21	Third seat back
0	0.0	22	Fourth seat back
0	0.0	23	Fifth seat back
31	0.4	24	Seat cushion
1	0.0	25	Back door/panel (e.g. tailgate)
3	0.0	26	Other interior component
12	0.2	27	Side panel - forward of A (A1/A2)-pillar

Variable 639:INTRUDING COMPONENT (9) (Continued)

FREQ	Prcnt	Code	Value and Description
5	0.1	28	Side panel - rear of A (A1/A2)-pillar
Exterior components			
3	0.0	30	Hood
1	0.0	31	Outside surface of this vehicle
2	0.0	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
4884	61.7	96	No Intrusion
0	0.0	97	Catastrophic
0	0.0	98	Intrusion of unlisted component(s)
2407	30.4	99	Unknown/No record

Variable 640 INTRUSION MAGNITUDE (9) Width: 1 Type: Numeric
 Dec: None Miss: 9

Magnitude of intrusion (9)

FREQ	Prcnt	Code	Value and Description
222	2.8	1	> or = 3 centimeters but < 8 centimeters
175	2.2	2	> or = 8 centimeters but < 15 centimeters
159	2.0	3	> or = 15 centimeters but < 30 centimeters
53	0.7	4	> or = 30 centimeters but < 46 centimeters
9	0.1	5	> or = 46 centimeters but < 61 centimeters
3	0.0	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4884	61.7	8	No Intrusion
2407	30.4	9	Unknown/No record

Variable 641 CRUSH DIRECTION (9) Width: 1 Type: Numeric
 Dec: None Miss: 9

Dominant crush direction (9)

FREQ	Prcnt	Code	Value and Description
238	3.0	1	Vertical
149	1.9	2	Longitudinal
234	3.0	3	Lateral
0	0.0	7	Catastrophic
4884	61.7	8	No Intrusion
2407	30.4	9	Unknown/No record

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Variable 642	<u>INTRUSION LOCATION (10)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
159	2.0	11	Front row - left
76	1.0	12	Front row - middle
119	1.5	13	Front row - right
57	0.7	21	Second row - left
23	0.3	22	Second row - middle
64	0.8	23	Second row - right
1	0.0	31	Third row - left
0	0.0	32	Third row - middle
0	0.0	33	Third row - right
0	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
4988	63.0	96	No Intrusion
0	0.0	97	Catastrophic
1	0.0	98	Other enclosed area
2424	30.6	99	Unknown/No record

Variable 643	<u>INTRUDING COMPONENT (10)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
Interior components			
12	0.2	1	Steering assembly
15	0.2	2	Instrument panel left
9	0.1	3	Instrument panel center
12	0.2	4	Instrument panel right
10	0.1	5	Toe pan
37	0.5	6	A (A1/A2)-pillar
20	0.3	7	B-pillar
15	0.2	8	C-pillar
0	0.0	9	D-pillar
26	0.3	10	Door panel (side)
68	0.9	12	Roof (or convertible top)
66	0.8	13	Roof side rail
21	0.3	14	Windshield
50	0.6	15	Windshield header
9	0.1	16	Window frame
35	0.4	17	Floor pan (includes sill)
14	0.2	18	Backlight header
29	0.4	19	Front seat back
9	0.1	20	Second seat back
0	0.0	21	Third seat back
0	0.0	22	Fourth seat back
0	0.0	23	Fifth seat back
16	0.2	24	Seat cushion
0	0.0	25	Back door/panel (e.g. tailgate)
4	0.1	26	Other interior component
12	0.2	27	Side panel - forward of A (A1/A2)-pillar

Variable 643:INTRUDING COMPONENT (10) (Continued)

FREQ	Prcnt	Code	Value and Description
3	0.0	28	Side panel - rear of A (A1/A2)-pillar
Exterior components			
2	0.0	30	Hood
4	0.1	31	Outside surface of this vehicle
2	0.0	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
4988	63.0	96	No Intrusion
0	0.0	97	Catastrophic
0	0.0	98	Intrusion of unlisted component(s)
2424	30.6	99	Unknown/No record

Variable 644 INTRUSION MAGNITUDE (10) Width: 1 Type: Numeric
 Dec: None Miss: 9

Magnitude of intrusion (10)

FREQ	Prcnt	Code	Value and Description
205	2.6	1	> or = 3 centimeters but < 8 centimeters
146	1.8	2	> or = 8 centimeters but < 15 centimeters
108	1.4	3	> or = 15 centimeters but < 30 centimeters
35	0.4	4	> or = 30 centimeters but < 46 centimeters
4	0.1	5	> or = 46 centimeters but < 61 centimeters
2	0.0	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4988	63.0	8	No Intrusion
2424	30.6	9	Unknown/No record

Variable 645 CRUSH DIRECTION (10) Width: 1 Type: Numeric
 Dec: None Miss: 9

Dominant crush direction (10)

FREQ	Prcnt	Code	Value and Description
196	2.5	1	Vertical
122	1.5	2	Longitudinal
182	2.3	3	Lateral
0	0.0	7	Catastrophic
4988	63.0	8	No Intrusion
2424	30.6	9	Unknown/No record

Variable 646	STEERING COLUMN TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

FREQ	Prcnt	Code	Value and Description
2771	35.0	1	Fixed column
2656	33.6	2	Tilt column
3	0.0	3	Telescoping column
9	0.1	4	Tilt and telescoping column
0	0.0	8	Other column type
2473	31.3	9	Unknown/No record

Variable 647	RIM/SPOKE DEFORMATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Steering rim/spoke deformation

FREQ	Prcnt	Code	Value and Description
4305	54.4	0	No steering rim deformation
110	1.4	1	-
			Actual measured deformation to nearest centimeters
102	1.3	15	
0	0.0	97	97 centimeters or more
36	0.5	98	Observed deformation cannot be measured
2511	31.7	99	Unknown/No record

Variable 648	RIM/SPOKE DEF LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Location of steering rim/spoke deformation

FREQ	Prcnt	Code	Value and Description
4305	54.4	0	No steering rim deformation
			Quarter sections
32	0.4	1	Section A
19	0.2	2	Section B
14	0.2	3	Section C
24	0.3	4	Section D
			Half sections
476	6.0	5	Upper half of rim/spoke
232	2.9	6	Lower half of rim/spoke
117	1.5	7	Left half of rim/spoke
87	1.1	8	Right half of rim/spoke
91	1.2	9	Complete steering wheel collapse
9	0.1	10	Undetermined location
2506	31.7	99	Unknown/No record

The OCCUPANT ASSESSMENT Variables

Variables 701 through 756 describe the motor vehicle occupants involved in the accident.

Variable 701	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None
Variable 702	CASE NUMBER	Width: 4	Type: Alphabetic
		Dec: None	Miss: None
Variable 703	RECORD NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None
	FREQ Prcnt	Code Value and Description	
	10939 100.0	7 Occupant assessment record	
Variable 704	VERSION NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None
	FREQ Prcnt	Code Value and Description	
	10939 100.0	6 Version 6	
Variable 705	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None
	FREQ Prcnt	Code Value and Description	
	6716 61.4	1 Vehicle #1	
	3764 34.4	2 Vehicle #2	
	375 3.4	3 Vehicle #3	
	70 0.6	4 Vehicle #4	
	9 0.1	5 Vehicle #5	
	5 0.0	6 Vehicle #6	

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Variable 706	OCCUPANT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

FREQ	Prcnt	Code	Value and Description
6718	61.4	1	
		-	Occupant number
1	0.0	15	

Variable 707	AGE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
78	0.7	0	Up to one year
74	0.7	1	
		-	Age in years
1	0.0	96	
1	0.0	97	97 years or older
190	1.7	99	Unknown

Variable 708	SEX	Width: 1	Type: Numeric
		Dec: None	Miss: 9

FREQ	Prcnt	Code	Value and Description
6073	55.5	1	Male
4759	43.5	2	Female
107	1.0	9	Unknown

Variable 709	HEIGHT	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Occupant height to the nearest centimeter

Conversion: 1 inch = 2.54 centimeters

FREQ	Prcnt	Code	Value and Description
1	0.0	41	
		-	Height in centimeters
2	0.0	208	
0	0.0	220	219.5 centimeters or more
2760	25.2	999	Unknown

Variable 710	WEIGHT	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Occupant weight to the nearest kilogram

Conversion: 1 pound = .4536 kilograms

FREQ	Prcnt	Code	Value and Description
1	0.0	3	- Weight in kilograms
2	0.0	146	
12	0.1	150	149.5 kilograms or more
2668	24.4	999	Unknown

Variable 711	ROLE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

FREQ	Prcnt	Code	Value and Description
6711	61.3	1	Driver
4228	38.7	2	Passenger
0	0.0	9	Unknown

Variable 712	SEAT POSITION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
6712	61.4	11	Front seat - left side (driver's side)
98	0.9	12	Front seat - middle
2407	22.0	13	Front seat - right side
35	0.3	14	Front seat - other
26	0.2	15	Front seat - on/in lap of another occupant
512	4.7	21	Second seat - left side
229	2.1	22	Second seat - middle
652	6.0	23	Second seat - right side
53	0.5	24	Second seat - other
13	0.1	25	Second seat - on/in lap of another occupant
20	0.2	31	Third seat - left side (driver's side)
11	0.1	32	Third seat - middle
17	0.2	33	Third seat - right side
12	0.1	34	Third seat - other
0	0.0	35	Third seat - on/in lap of another occupant
3	0.0	41	Fourth seat - left side
1	0.0	42	Fourth seat - middle
2	0.0	43	Fourth seat - right side
2	0.0	44	Fourth seat - other
1	0.0	45	Fourth seat - on/in lap of another occupant
57	0.5	97	In or on unenclosed area
12	0.1	98	Other seat
64	0.6	99	Unknown seating position

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Variable 713	<u>POSTURE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

FREQ Prcnt Code Value and Description

6219	56.9	0	Normal posture
			Abnormal posture
15	0.1	1	Kneeling or standing on seat
36	0.3	2	Lying on or across seat
2	0.0	3	Kneeling, standing or sitting in front of seat
43	0.4	4	Sitting sideways or turned to talk with another occupant or to look out the rear window
3	0.0	5	Sitting on console
29	0.3	6	Lying back in a reclined seat position
105	1.0	7	Bracing with feet or hands on a surface in front seat
530	4.8	8	Other abnormal posture
3957	36.2	9	Unknown

Variable 714	<u>EJECTION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

FREQ Prcnt Code Value and Description

10339	94.5	0	No ejection
301	2.8	1	Complete ejection
157	1.4	2	Partial ejection
21	0.2	3	Ejection, unknown degree
121	1.1	9	Unknown

Variable 715	<u>EJECTION AREA</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

FREQ Prcnt Code Value and Description

10339	94.5	0	No ejection
66	0.6	1	Windshield
135	1.2	2	Left front
78	0.7	3	Right front
16	0.1	4	Left rear
21	0.2	5	Right rear
33	0.3	6	Rear
29	0.3	7	Roof
41	0.4	8	Other area (e.g., back of pickup, etc.)
181	1.7	9	Unknown

Variable 716 EJECTION MEDIUM Width: 1 Type: Numeric
 Dec: None Miss: 9

FREQ	Prcnt	Code	Value and Description
10339	94.5	0	No ejection
74	0.7	1	Door/hatch/tailgate
23	0.2	2	Nonfixed roof structure
104	1.0	3	Fixed glazing
169	1.5	4	Nonfixed glazing
6	0.1	5	Integral structure
41	0.4	8	Other medium
183	1.7	9	Unknown

Variable 717 MEDIUM STATUS Width: 1 Type: Numeric
 Dec: None Miss: 9

Medium status (immediately prior to impact)

FREQ	Prcnt	Code	Value and Description
10339	94.5	0	No ejection
82	0.7	1	Open
312	2.9	2	Closed
6	0.1	3	Integral structure
200	1.8	9	Unknown

Variable 718 ENTRAPMENT Width: 1 Type: Numeric
 Dec: None Miss: 9

FREQ	Prcnt	Code	Value and Description
10520	96.2	0	Not entrapped
182	1.7	1	Entrapped
237	2.2	9	Unknown

Variable 719 MANUAL BELT AVAILABILITY Width: 1 Type: Numeric
 Dec: None Miss: 9

FREQ	Prcnt	Code	Value and Description
807	7.4	0	Not available
43	0.4	1	Belt removed/destroyed
0	0.0	2	Shoulder belt
2067	18.9	3	Lap belt
7125	65.1	4	Lap and shoulder belt
124	1.1	5	Belt available - type unknown
			Integral Belt Partially destroyed
1	0.0	6	Shoulder belt (lap belt destroyed/removed)

Variable 719:MANUAL BELT AVAILABILITY (Continued)

FREQ	Prcnt	Code	Value and Description
10	0.1	7	Lap belt (shoulder belt destroyed/removed)
2	0.0	8	Other belt
760	6.9	9	Unknown

Variable 720	MANUAL BELT USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
4501	41.1	0	None used, not available, belt removed/destroyed
6	0.1	1	Inoperative
3	0.0	2	Shoulder belt
871	8.0	3	Lap belt
4078	37.3	4	Lap and shoulder belt
41	0.4	5	Belt used - type unknown
1	0.0	8	Other belt used
1	0.0	12	Shoulder belt used with child safety seat
115	1.1	13	Lap belt used with child safety seat
57	0.5	14	Lap and shoulder belt used with child safety seat
4	0.0	15	Belt used with child safety seat - type unknown
0	0.0	18	Other belt used with child safety seat
1261	11.5	99	Unknown if belt used

Variable 721	MANUAL BELT PROPER USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

FREQ	Prcnt	Code	Value and Description
4507	41.2	0	None used or not available
4323	39.5	1	Belt used properly
149	1.4	2	Belt used properly with child seat
			Belt used improperly
10	0.1	3	Shoulder belt worn under arm
29	0.3	4	Shoulder belt worn behind back or seat
16	0.1	5	Belt worn around more than one person
35	0.3	6	Lap belt worn on abdomen
4	0.0	7	Lap belt or lap and shoulder belt used improperly with child safety seat
29	0.3	8	Other improper use of manual belt system
1837	16.8	9	Unknown

Variable 722 MANUAL BELT FAILURE Width: 1 Type: Numeric
 Dec: None Miss: 9

Manual (active) belt failure modes during accident

FREQ	Prcnt	Code	Value and Description
4507	41.2	0	No manual belt used or not available
4536	41.5	1	No manual belt failure(s)
7	0.1	2	Torn webbing (stretched webbing not included)
1	0.0	3	Broken buckle or latchplate
0	0.0	4	Upper anchorage separated
0	0.0	5	Other anchorage separated
1	0.0	6	Broken retractor
0	0.0	7	Combination of above
1	0.0	8	Other manual belt failure
1886	17.2	9	Unknown

Variable 723 AIR BAG AVAIL/FUNCTION Width: 1 Type: Numeric
 Dec: None Miss: 9

Air bag system available/function

FREQ	Prcnt	Code	Value and Description
10131	92.6	0	Not equipped/not available
649	5.9	1	Air bag
			Non-functional
0	0.0	2	Air bag disconnected
0	0.0	3	Air bag not reinstalled
159	1.5	9	Unknown

Variable 724 AIR BAG DEPLOYMENT Width: 1 Type: Numeric
 Dec: None Miss: 9

Air bag system deployment

FREQ	Prcnt	Code	Value and Description
10131	92.6	0	Not equipped/not available
346	3.2	1	Air bag deployed during accident (as a result of impact)
0	0.0	2	Air bag deployed inadvertently just prior to accident
3	0.0	3	Air bag deployed, accident sequence undetermined
289	2.6	4	Nondeployed
11	0.1	5	Unknown if deployed
0	0.0	6	Airbag deployed, a result of a noncollision event during acc sequence (e.g. fire, explosion, electrical)
159	1.5	9	Unknown

Variable 725	AIR BAG SYSTEM FAILURE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Are there indications of Air Bag system failure?

FREQ	Prcnt	Code	Value and Description
10131	92.6	0	Not equipped/not available
602	5.5	1	No
0	0.0	2	Yes
206	1.9	9	Unknown

Variable 726	AUTO RESTRAINT AVAILABLE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Automatic (passive) belt system availability /function

FREQ	Prcnt	Code	Value and Description
9141	83.6	0	Not equipped/not available
876	8.0	1	2 point automatic belts
592	5.4	2	3 point automatic belts
29	0.3	3	Automatic belts - type unknown
			Non-functional
8	0.1	4	Automatic belts destroyed or rendered inoperative
293	2.7	9	Unknown

Variable 727	AUTO (PASS) SYSTEM USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Automatic (passive) belt system use

FREQ	Prcnt	Code	Value and Description
9149	83.6	0	Not equipped/not available/destroyed or rendered inoperative
1198	11.0	1	Automatic belt in use
234	2.1	2	Automatic belt not in use (manually disconnected, motorized track inoperative)
62	0.6	3	Automatic belt use unknown
296	2.7	9	Unknown

Variable 728	AUTO BELT SYSTEM TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Automatic (passive) belt system type

FREQ	Prcnt	Code	Value and Description
9141	83.6	0	Not equipped/not available

Variable 728:AUTO BELT SYSTEM TYPE (Continued)

FREQ	Prcnt	Code	Value and Description
725	6.6	1	Non-motorized system
751	6.9	2	Motorized system
322	2.9	9	Unknown

Variable 729	<u>PROPER USE OF AUTO BELT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Proper use of automatic (passive) belt system

FREQ	Prcnt	Code	Value and Description
9383	85.8	0	Not equipped/not available/not used
1094	10.0	1	Automatic belt used properly
0	0.0	2	Automatic belt used properly with child seat
			Automatic Belt used improperly
5	0.0	3	Automatic shoulder belt worn under arm
5	0.0	4	Automatic shoulder belt worn behind back
5	0.0	5	Automatic belt worn around more than one person
2	0.0	6	Lap portion of automatic belt worn on abdomen
0	0.0	7	Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat
1	0.0	8	Other improper use of automatic belt system
444	4.1	9	Unknown

Variable 730	<u>AUTO BELT FAILURE MODES</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Automatic (passive) belt failure modes during accident

FREQ	Prcnt	Code	Value and Description
9383	85.8	0	Not equipped/not available/not in use
1103	10.1	1	No automatic belt failure(s)
1	0.0	2	Torn webbing (stretched webbing not included)
1	0.0	3	Broken buckle or latchplate
3	0.0	4	Upper anchorage separated
1	0.0	5	Other anchorage separated
1	0.0	6	Broken retractor
0	0.0	7	Combination of above
2	0.0	8	Other automatic belt failure
444	4.1	9	Unknown

Variable 731	PAR RESTRAINT USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Police reported restraint use

FREQ	Prcnt	Code	Value and Description
2830	25.9	0	None used
612	5.6	1	Police did not indicate restraint use
90	0.8	2	Shoulder belt
517	4.7	3	Lap belt
4542	41.5	4	Lap and shoulder belt
916	8.4	5	Belt used, type not specified
161	1.5	6	Child safety seat
112	1.0	7	Other or automatic restraint
329	3.0	8	Restrained, type unknown
830	7.6	9	Police indicated "unknown"

Variable 732	HEAD RESTRAINT TYPE/DAM	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Head restraint type/damage by occupant at this position

FREQ	Prcnt	Code	Value and Description
2011	18.4	0	No head restraints
1704	15.6	1	Integral - no damage
42	0.4	2	Integral - damaged during accident
4898	44.8	3	Adjustable - no damage
131	1.2	4	Adjustable - damaged during accident
7	0.1	5	Add-on - no damage
0	0.0	6	Add-on - damaged during accident
12	0.1	8	Other
2134	19.5	9	Unknown

Variable 733	SEAT TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
138	1.3	0	Occupant not seated or no seat
1824	16.7	1	Bucket
2855	26.1	2	Bucket with folding back
1183	10.8	3	Bench
258	2.4	4	Bench with separate back cushions
1011	9.2	5	Bench with folding back(s)
932	8.5	6	Split bench with separate back cushions
331	3.0	7	Split bench with folding back(s)
60	0.5	8	Pedestal (i.e., column supported)
22	0.2	9	Other seat type
234	2.1	10	Box mounted seat (i.e., van type)
2091	19.1	99	Unknown

Variable 734 SEAT ORIENTATION Width: 1 Type: Numeric
 Dec: None Miss: 9

Seat Orientation (this Occupant's Position)

FREQ	Prcnt	Code	Value and Description
138	1.3	0	Occupant not seated or no seat
8737	79.9	1	Forward facing seat
8	0.1	2	Rear facing seat
5	0.0	3	Side facing seat (inward)
0	0.0	4	Side facing seat (outward)
1	0.0	8	Other
2050	18.7	9	Unknown

Variable 735 SEAT PERFORMANCE Width: 1 Type: Numeric
 Dec: None Miss: 9

FREQ	Prcnt	Code	Value and Description
138	1.3	0	Occupant not seated or no seat
7295	66.7	1	No seat performance failure(s)
19	0.2	2	Seat adjusters failed
97	0.9	3	Seat back folding locks or "seat back" failed
57	0.5	4	Seat track/anchors failed
316	2.9	5	Deformed by occupant impact
679	6.2	6	Deformed by passenger compartment intrusion
53	0.5	7	Combination of above
65	0.6	8	Other
2220	20.3	9	Unknown

Variable 736 CHILD SEAT MAKE/MODEL Width: 3 Type: Numeric
 Dec: None Miss: 999

Child Safety Seat Make/Model

FREQ	Prcnt	Code	Value and Description
10694	97.8	0	No child safety seat
Infant Safety Seats			
0	0.0	101	GM Love Seat
5	0.0	102	Century Infant Car Seat (includes 560, 565)
0	0.0	103	Century Infant Love Seat
0	0.0	104	Cuddle Shuddle
1	0.0	105	Cosco TLC
0	0.0	106	Trav-L-Ette
0	0.0	107	Cosco First Ride
1	0.0	108	Evenflo Infant Car Seat
1	0.0	109	Dyn-O-Mite
1	0.0	110	Infant Carrier
1	0.0	111	Snug Seat

Variable 736:CHILD SEAT MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
1	0.0	112	Rock 'N' Ride
0	0.0	113	Swinger
0	0.0	114	Rockit Seat 640
1	0.0	115	Joy Ride
0	0.0	116	Cosco Dream Ride
0	0.0	117	Travel Tandem
1	0.0	118	Fisher-Price Infant Seat
2	0.0	119	Gerry Guard with Glide
0	0.0	120	Safeline Sit'n'Stroll
2	0.0	121	Century Infant Car Seat (includes 590)
Toddler/Convertible Seats			
1	0.0	201	Century 100
1	0.0	202	Century 200
1	0.0	203	Century 300
0	0.0	204	Century 400, XL
3	0.0	205	Century 1000 S.T.E.
5	0.0	206	Century 2000 S.T.E.
1	0.0	207	Century 3000, 3500 Premier S.T.E.
1	0.0	208	Child Love Seat - GM Child Love Seat
0	0.0	209	Safe & Sound - II
0	0.0	210	Roundtripper
0	0.0	211	Voyager
1	0.0	212	Cosco Soft Shield - Auto Trac
0	0.0	213	Cosco Safe & Easy
0	0.0	214	Cosco Safe & Snug
0	0.0	215	Commuter - 5-Pt
0	0.0	216	Explorer
0	0.0	217	Safe-T-Seat
0	0.0	218	Safe-T-Shield
0	0.0	219	Safe-T-Mate
0	0.0	220	Peterson Safety Shield
7	0.1	221	Evenflo Convertible
0	0.0	222	Seven-Year Car Seat
1	0.0	223	Bobby Mac - Deluxe II, Champion, Super, Lite
1	0.0	224	One-Step
18	0.2	225	Fisher-Price Car Seat
2	0.0	226	Gerry Guardian
3	0.0	227	Little Trav'ler - 310, 315
0	0.0	228	GT 100
0	0.0	229	Teddy Tot Astroseat - 9100/9300 Series
0	0.0	230	Hi-Rider XL - "7"
0	0.0	231	Redi-Rider
1	0.0	232	Quikstep
0	0.0	233	Ultra Ride
0	0.0	234	Nissan Safety Seat - Infant/Child
1	0.0	235	Pride Ride - 820 & 830 Series
1	0.0	236	Kantwet Care Seat
0	0.0	237	Kantwet Safe Guard
0	0.0	238	Peggy
0	0.0	239	Tip-Up
1	0.0	240	Wee Care - 500 Series

Variable 736:CHILD SEAT MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	241	Wee Care - 600 Series
0	0.0	242	GT - 2000, 3000
0	0.0	243	Quick Click
0	0.0	244	Volvo Child Seat
0	0.0	245	Child Cushion
0	0.0	246	Welsh Travel Tot
0	0.0	247	Perfect F.I.T.T.
1	0.0	248	Ultra I, II, V
0	0.0	249	Baby Sitter
0	0.0	250	Century S.T.E. Car Seat - 5000, 5500 Premier
0	0.0	251	Gerry Guardian
0	0.0	252	Auto-Mate - Dial-A-Fit
0	0.0	253	Playskool Carseat
0	0.0	254	Prodigy Kiwi
0	0.0	255	Prodigy Shuttle
1	0.0	256	Renolux GT 2000
1	0.0	257	Renolux GT 4000
0	0.0	258	Comfort Rule
2	0.0	259	Champion
0	0.0	260	Traveler 700
0	0.0	261	Premier
2	0.0	262	Gerry Guard SecureLock
0	0.0	263	Ronolux
Booster Safety Seats			
1	0.0	301	Century Commander
1	0.0	302	Safe-T-Rider - II, Deluxe
0	0.0	303	Co-Pilot - II
1	0.0	304	Cosco Explorer I
0	0.0	305	Travel Hi-Lo - Deluxe High Back
3	0.0	306	Evenflo Booster
0	0.0	307	Wings by Bobby Mac
0	0.0	308	Tot Guard
1	0.0	309	Gerry Voyager
0	0.0	310	Teddy Tot Astrorider - 6000 Series
1	0.0	311	Tot Rider Quick Step - XL
0	0.0	312	Flip 'N'Go - II
0	0.0	313	#812
0	0.0	314	Click-N-Go - 890 Series
0	0.0	315	Vario
0	0.0	316	Wee Care Booster Seat - 600 Series
0	0.0	317	Quick Click 605 Booster
0	0.0	318	Cosco Auto Booster
0	0.0	319	Sightseer
0	0.0	320	Century CR-3
2	0.0	321	Gerry DoubleGuard
Special Need Safety Seats			
0	0.0	401	Swinger Infant Car Bed
0	0.0	402	Britax
0	0.0	403	E-Z-On Vest
0	0.0	404	Carrie Car Seat System

Variable 736:CHILD SEAT MAKE/MODEL (Continued)

FREQ	Prcnt	Code	Value and Description
0	0.0	405	Modified E-Z-On Vest
0	0.0	406	Travel Chair
0	0.0	407	Preemie Bunting
0	0.0	408	SPELCAST
0	0.0	409	Columbia Orthopedic Seat
0	0.0	410	Kidster
0	0.0	411	Snug Seat
0	0.0	412	900 Series Transporter
Harnesses			
0	0.0	501	Little Cargo Auto Vest
0	0.0	950	Built-in child safety seat
9	0.1	997	Other make/model
103	0.9	998	Unknown make/model
49	0.4	999	Unknown if child safety seat used

Variable 737	CHILD SEAT TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of child safety seat

FREQ	Prcnt	Code	Value and Description
10694	97.8	0	No child safety seat
31	0.3	1	Infant seat
41	0.4	2	Toddler seat
58	0.5	3	Convertible seat
15	0.1	4	Booster seat
0	0.0	7	Other type child safety seat
51	0.5	8	Unknown child safety seat type
49	0.4	9	Unknown if child safety seat used

Variable 738	CHILD SEAT ORIENTATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Child safety seat orientation

FREQ	Prcnt	Code	Value and Description
10694	97.8	0	No child safety seat
Designed for rear facing for this age/weight			
18	0.2	1	Rear facing
38	0.3	2	Forward facing
0	0.0	8	Other orientation
0	0.0	9	Unknown orientation

Variable 738:CHILD SEAT ORIENTATION (Continued)

FREQ	Prcnt	Code	Value and Description
			Designed for forward facing for this age/weight
0	0.0	11	Rear facing
87	0.8	12	Forward facing
0	0.0	18	Other orientation
0	0.0	19	Unknown orientation
			Unknown design or orientation, or unknown age/weight
0	0.0	21	Rear facing
18	0.2	22	Forward facing
0	0.0	28	Other orientation
35	0.3	29	Unknown orientation
49	0.4	99	Unknown if child safety seat used

Variable 739	<u>CHILD SEAT HARNESS USE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Child safety seat harness usage

FREQ	Prcnt	Code	Value and Description
10694	97.8	0	No child safety seat
			Not designed with harness
4	0.0	1	After market harness added, not used
1	0.0	2	After market harness used
24	0.2	3	Child safety seat used, but no after market harness added
18	0.2	9	Unknown if harness added or used
			Designed with harness
6	0.1	11	Harness not used
88	0.8	12	Harness used
3	0.0	19	Unknown if harness used
			Unknown if designed with harness
2	0.0	21	Harness not used
3	0.0	22	Harness used
45	0.4	29	Unknown if harness used
51	0.5	99	Unknown if child safety seat used

Variable 740	CHILD SEAT SHIELD USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Child safety seat shield usage

FREQ	Prcnt	Code	Value and Description
10694	97.8	0	No child safety seat
			Not designed with shield
4	0.0	1	After market shield added, not used
1	0.0	2	After market shield used
43	0.4	3	Child safety seat used, but no after market shield added
6	0.1	9	Unknown if shield added or used
			Designed with shield
5	0.0	11	Shield not used
61	0.6	12	Shield used
16	0.1	19	Unknown if shield used
			Unknown if designed with shield
5	0.0	21	Shield not used
2	0.0	22	Shield used
52	0.5	29	Unknown if shield used
50	0.5	99	Unknown if child safety seat used

Variable 741	CHILD SEAT TETHER USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Child safety seat tether usage

FREQ	Prcnt	Code	Value and Description
10694	97.8	0	No child safety seat
			Not designed with tether
8	0.1	1	After market tether added, not used
0	0.0	2	After market tether used
70	0.6	3	Child safety seat used, but no after market tether added
6	0.1	9	Unknown if tether added or used
			Designed with tether
9	0.1	11	Tether not used
17	0.2	12	Tether used
2	0.0	19	Unknown if tether used
			Unknown if designed with tether
9	0.1	21	Tether not used
2	0.0	22	Tether used
71	0.6	29	Unknown if tether used
51	0.5	99	Unknown if child safety seat used

Variable 742 INJURY SEVERITY Width: 1 Type: Numeric
 Dec: None Miss: 9

FREQ	Prcnt	Code	Value and Description
3242	29.6	0	O - No injury
1930	17.6	1	C - possible injury
1689	15.4	2	B - nonincapacitating injury
3427	31.3	3	A - incapacitating injury
425	3.9	4	K - fatal injury
38	0.3	5	U - Injured - severity unknown
1	0.0	6	Died prior to accident
187	1.7	9	Unknown if injured

Variable 743 TREATMENT/MORTALITY Width: 1 Type: Numeric
 Dec: None Miss: 9

FREQ	Prcnt	Code	Value and Description
3477	31.8	0	No treatment
436	4.0	1	Fatal
22	0.2	2	Fatal - ruled disease
Nonfatal			
2157	19.7	3	Hospitalized
3939	36.0	4	Transported and released
84	0.8	5	Treatment at scene - nontransported
313	2.9	6	Treatment later
29	0.3	8	Treatment - other
482	4.4	9	Unknown

Variable 744 TYPE OF MEDICAL FACILITY Width: 1 Type: Numeric
 Dec: None Miss: 9

FREQ	Prcnt	Code	Value and Description
3833	35.0	0	Not treated at a medical facility
3316	30.3	1	Trauma center
3073	28.1	2	Hospital
33	0.3	3	Medical clinic
0	0.0	4	Physician's office
315	2.9	5	Treatment later at medical facility
1	0.0	8	Other
368	3.4	9	Unknown

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Variable 745	<u>HOSPITAL STAY</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
8237	75.3	0	Not hospitalized
455	4.2	1	
		-	Actual number of days that the occupant stayed in hospital
1	0.0	60	
24	0.2	61	61 days or more
828	7.6	99	Unknown

Variable 746	<u>WORKING DAYS LOST</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
2220	20.3	0	No working days lost
313	2.9	1	
		-	Actual number of days that the occupant lost from work due to the accident
5	0.0	60	
150	1.4	61	61 days or more
458	4.2	62	Fatally injured
3551	32.5	97	Not working prior to accident
2940	26.9	99	Unknown

Variable 747	<u>TIME TO DEATH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

FREQ	Prcnt	Code	Value and Description
10481	95.8	0	Not fatal
			Time in Hours
277	2.5	1	Less than 1 and 1/2 hours from the time of the accident
24	0.2	2	
		-	Actual time to nearest hour
1	0.0	20	
0	0.0	24	From 23 1/2 to 24 hours after the accident
			Time in Days
6	0.1	31	
		-	Actual time to nearest day (one day=31, 2 days=32, ect.)
1	0.0	58	
0	0.0	60	From 29 1/2 to 30 days after the accident
22	0.2	96	Fatal - ruled disease
48	0.4	99	Unknown

Variable 748 CAUSE OF DEATH - MED REP Width: 2 Type: Numeric
 Dec: None Miss: 99

Injury number of medically reported cause of death (1)

FREQ	Prcnt	Code	Value and Description
10481	95.8	0	Not fatal or no additional causes
48	0.4	1	- Injury number
1	0.0	43	
31	0.3	96	Mode of death given but specific injuries are not linked to cause of death
22	0.2	97	Other result (includes fatal ruled disease)
139	1.3	99	Unknown

Variable 749 CAUSE OF DEATH - MED REP Width: 2 Type: Numeric
 Dec: None Miss: 99

Injury number of medically reported cause of death (2)

FREQ	Prcnt	Code	Value and Description
10733	98.1	0	Not fatal or no additional causes
14	0.1	1	- Injury number
2	0.0	46	
1	0.0	96	Mode of death given but specific injuries are not linked to cause of death
0	0.0	97	Other result (includes fatal ruled disease)
0	0.0	99	Unknown

Variable 750 CAUSE OF DEATH - MED REP Width: 2 Type: Numeric
 Dec: None Miss: 99

Injury number of medically reported cause of death (3)

FREQ	Prcnt	Code	Value and Description
10784	98.6	0	Not fatal or no additional causes
4	0.0	1	- Injury number
1	0.0	48	
1	0.0	96	Mode of death given but specific injuries are not linked to cause of death
0	0.0	97	Other result (includes fatal ruled disease)
0	0.0	99	Unknown

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Variable 751	NUM RECORDED INJURIES	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Number of recorded injuries

FREQ	Prcnt	Code	Value and Description
3167	29.0	0	No recorded injuries
1525	13.9	1	
		-	Actual number of injuries recorded for this occupant
1	0.0	51	
818	7.5	97	Injured, details unknown
98	0.9	99	Unknown if injured

Variable 752	MAXIMUM KNOWN AIS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

FREQ	Prcnt	Code	Value and Description
3167	29.0	0	Not injured
4494	41.1	1	Minor injury
1157	10.6	2	Moderate injury
660	6.0	3	Serious injury
235	2.1	4	Severe injury
203	1.9	5	Critical injury
72	0.7	6	Maximum (untreatable) injury
853	7.8	7	Injury, unknown severity
98	0.9	9	Unknown if injured

Variable 753	INJURY SEVERITY SCORE	Width: 2	Type: Numeric
		Dec: None	Miss: None

Injury Severity Score (ISS)

FREQ	Prcnt	Code	Value and Description
4118	37.6	0	Not injured
3124	28.6	1	ISS 1
		-	
72	0.7	75	Maximum ISS
0	0.0	99	Unknown ISS

Variable 754	GLASGOW COMA SCALE SCORE	Width: 2	Type: Numeric
		Dec: None	Miss: None

Glasgow Coma Scale (GCS) Score

FREQ	Prcnt	Code	Value and Description
3167	29.0	0	Not injured

Variable 754:GLASGOW COMA SCALE SCORE (Continued)

FREQ	Prcnt	Code	Value and Description
835	7.6	1	Injured - not treated at medical facility
2640	24.1	2	No GCS score at medical facility
54	0.5	3	- Actual value of the initial GCS score recorded at medical facility
3114	28.5	15	
818	7.5	97	Injured, details unknown
98	0.9	99	Unknown if injured

Variable 755 WAS OCCUPANT GIVEN BLOOD Width: 1 Type: Numeric
 Dec: None Miss: 9

FREQ	Prcnt	Code	Value and Description
9019	82.4	1	No - blood not given
154	1.4	2	Yes - Blood given (specify units)
1766	16.1	9	Unknown if blood given

Variable 756 ARTERIAL BLOOD GASES Width: 2 Type: Numeric
 Dec: None Miss: None

Arterial blood gases (ABG) - HCO3

FREQ	Prcnt	Code	Value and Description
3167	29.0	0	Not injured
6363	58.2	1	Injured - ABGs not measured or reported
6	0.1	2	- Actual value of HCO3
1	0.0	50	
110	1.0	96	ABGs reported, HCO3 unknown
818	7.5	97	Injured, details unknown
98	0.9	99	Unknown if injured

The OCCUPANT INJURY Variables

Variables 801 through 821 describe the injuries received by
 vehicle occupants involved in the accident.

Variable 801	PSU NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None
Variable 802	CASE NUMBER	Width: 4 Dec: None	Type: Alphabetic Miss: None
Variable 803	RECORD NUMBER	Width: 1 Dec: None	Type: Numeric Miss: None
	FREQ Prcnt Code Value and Description		
	29548 100.0 8 Occupant injury record		
Variable 804	VERSION NUMBER	Width: 1 Dec: None	Type: Numeric Miss: None
	FREQ Prcnt Code Value and Description		
	29548 100.0 6 Version 6		
Variable 805	VEHICLE NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None
	FREQ Prcnt Code Value and Description		
	20195 68.3 1 Vehicle #1		
	8644 29.3 2 Vehicle #2		
	616 2.1 3 Vehicle #3		
	78 0.3 4 Vehicle #4		
	4 0.0 5 Vehicle #5		
	11 0.0 6 Vehicle #6		

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Variable 806	<u>OCCUPANT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

FREQ	Prct	Code	Value and Description
19731	66.8	1	
		-	Occupant number
2	0.0	15	

Variable 807	<u>INJURY NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

FREQ	Prct	Code	Value and Description
6856	23.2	1	
		-	Injury number
1	0.0	51	

Variable 808	<u>INJURY DATA SOURCE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

FREQ	Prct	Code	Value and Description
Official Sources			
3895	13.2	1	Autopsy records with or without hospital/medical records
7148	24.2	2	Hospital/medical records other than emergency room (e.g., discharge summary)
11805	40.0	3	Emergency room records only (including associated x-rays or other lab reports)
25	0.1	4	Private physician - walk-in or emergency clinic
Unofficial Sources			
68	0.2	5	Lay coroner report
85	0.3	6	E.M.S. personnel
6338	21.4	7	Interviewee
23	0.1	8	Other source
161	0.5	9	Police

Variable 809	<u>OIC - BODY REGION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

FREQ	Prct	Code	Value and Description
3740	12.7	1	Head
6567	22.2	2	Face
386	1.3	3	Neck
3305	11.2	4	Thorax
1518	5.1	5	Abdomen
2308	7.8	6	Spine
4653	15.7	7	Upper Extremity

Variable 809:OIC - BODY REGION (Continued)

FREQ	Prcnt	Code	Value and Description
6471	21.9	8	Lower Extremity
600	2.0	9	Unspecified

Variable 810 OIC - ASPECT Width: 1 Type: Numeric
 Dec: None Miss: 9

FREQ	Prcnt	Code	Value and Description
2607	8.8	0	Whole region
7261	24.6	1	Right
7877	26.7	2	Left
1885	6.4	3	Bilateral
1510	5.1	4	Central
479	1.6	5	Anterior
1744	5.9	6	Posterior
2268	7.7	7	Superior
2323	7.9	8	Inferior
1594	5.4	9	Unknown

Variable 811 TYPE OF ANATOMIC STRUCT Width: 1 Type: Numeric
 Dec: None Miss: None

FREQ	Prcnt	Code	Value and Description
Type of Anatomic Structure			
318	1.1	1	Whole Area
160	0.5	2	Vessels
28	0.1	3	Nerves
3936	13.3	4	Organs (includes muscles/ligaments)
5084	17.2	5	Skeletal (includes joints)
887	3.0	6	Head -LOC (Level of Consciousness)
19135	64.8	9	Skin

Variable 812 SPECIFIC ANATOMIC STRUCT Width: 2 Type: Numeric
 Dec: None Miss: 99

Valid only in combination with Body Region and Type of Structure

FREQ	Prcnt	Code	Value and Description
WHOLE AREA			
		2	Skin - Abrasion
		4	Skin - Contusion
		6	Skin - Laceration
		8	Skin - Avulsion
		10	Amputation

Variable 812:SPECIFIC ANATOMIC STRUCT (Continued)

FREQ	Prcnt	Code	Value and Description
		20	Burn
		30	Crush
		40	Degloving
		50	Injury - NFS
		90	Trauma, other than mechanical
HEAD - LOK			
		2	Length of LOC
		4	Level of Consciousness
		6	Level of Consciousness
		8	Level of Consciousness
		10	Concussion
SPINE			
		2	Cervical
		4	Thoracic
		6	Lumbar

Variable	LEVEL OF INJURY	Width:	Type:
813		2	Numeric
		Dec: None	Miss: None

Valid only in combination with Body Region and Type of Structure
Specific injuries are assigned consecutive numbers

FREQ	Prcnt	Code	Value and Description
4149	14.0	0	- Injury Level
620	2.1	99	

Variable	AIS SEVERITY	Width:	Type:
814		1	Numeric
		Dec: None	Miss: 7

FREQ	Prcnt	Code	Value and Description
22230	75.2	1	Minor injury
3910	13.2	2	Moderate injury
2030	6.9	3	Serious injury
668	2.3	4	Severe injury
348	1.2	5	Critical injury
86	0.3	6	Maximum (untreatable)
276	0.9	7	Injured, unknown severity

Variable 815	INJURY SOURCE	Width: 2	Type: Numeric
		Dec: None	Miss: 97

FREQ	Prcnt	Code	Value and Description
Front			
2447	8.3	1	Windshield
299	1.0	2	Mirror
117	0.4	3	Sunvisor
2236	7.6	4	Steering wheel rim
210	0.7	5	Steering wheel hub/spoke
1117	3.8	6	Steering wheel (combination of rim, hub/spoke)
113	0.4	7	Steering column, transmission, selector lever, other attachment
6	0.0	8	Add-on equipment (e.g., CB, tape deck, air conditioner)
2294	7.8	9	Left instrument panel and below
1060	3.6	10	Center instrument panel and below
1448	4.9	11	Right instrument panel and below
51	0.2	12	Glove compartment door
12	0.0	13	Knee bolster
268	0.9	14	Windshield +1 or more from: front header,A (A1/A2)-pillar, instr panel,mirror,steering assembly-driver side
100	0.3	15	Windshield + 1 or more from: front header,A (A1/A2)-pillar, instr panel,mirror,-passenger side
8	0.0	16	Driver side air bag compartment cover
0	0.0	17	Passenger side air bag compartment cover
104	0.4	18	Windshield reinforced by exterior object
41	0.1	19	Other front object
Left Side			
1258	4.3	20	Left side interior surface (excluding hardware or armrest)
319	1.1	21	Left side hardware or armrest
272	0.9	22	Left A (A1/A2)-pillar
133	0.5	23	Left B-pillar
15	0.1	24	Other left pillar
228	0.8	25	Left side window glass or frame
218	0.7	26	Left side window glass + 1 or more from: frame>window sill, A (A1/A2)-pillar,B-pillar,roof side rail
4	0.0	27	Other leftside object
17	0.1	28	Left side window sill
Right Side			
691	2.3	30	Right side interior surface (excluding hardware or armrest)
141	0.5	31	Right side hardware or armrest
186	0.6	32	Right A (A1/A2)-pillar
78	0.3	33	Right B-pillar
13	0.0	34	Other right pillar
171	0.6	35	Right side window glass or frame
162	0.5	36	Right side window glass + 1 or more from: frame>window sill,A (A1/A2)-pillar,B-pillar,roof side rail
1	0.0	37	Other right side object
28	0.1	38	Right side window sill
Interior			
1128	3.8	40	Seat, back support
2070	7.0	41	Belt restraint webbing/buckle

Variable 815:INJURY SOURCE (Continued)

FREQ	Prcnt	Code	Value and Description
12	0.0	42	Belt restraint B pillar or door frame attachment point
5	0.0	43	Other restraint system component
136	0.5	44	Head restraint system
370	1.3	45	Air bag (use codes "16" and "17" for air bag covers injuries)
167	0.6	46	Other occupants
42	0.1	47	Interior loose objects
43	0.1	48	Child safety seat
70	0.2	49	Other interior object
Roof			
157	0.5	50	Front header
30	0.1	51	Rear header
150	0.5	52	Roof left side rail
72	0.2	53	Roof right side rail
559	1.9	54	Roof or convertible top
Floor			
398	1.3	56	Floor including toe pan
236	0.8	57	Floor or console-mounted transmission lever (including console)
8	0.0	58	Parking brake handle
276	0.9	59	Foot controls (including parking brake)
Rear			
42	0.1	60	Backlight (rear window)
2	0.0	61	Backlight storage rack, door, etc.
5	0.0	62	Other rear object
Exterior of Occupant's Vehicle			
8	0.0	65	Hood
1	0.0	66	Outside hardware (outside mirror, antenna)
103	0.3	67	Other exterior surface or tires
17	0.1	68	Unknown exterior objects
Exterior of Other Motor Vehicle			
0	0.0	70	Front bumper
26	0.1	71	Hood edge
45	0.2	72	Other front of vehicle
29	0.1	73	Hood
0	0.0	74	Hood ornament
0	0.0	75	Windshield, roof rail, A-pillar
21	0.1	76	Side surface
0	0.0	77	Side mirrors
0	0.0	78	Other side protrusions
4	0.0	79	Rear surface
0	0.0	80	Undercarriage
6	0.0	81	Tires and wheels
20	0.1	82	Other exterior of striking vehicle
24	0.1	83	Unknown exterior of striking vehicle

Variable 815:INJURY SOURCE (Continued)

FREQ	Prcnt	Code	Value and Description
Other Vehicle or Object in the Environment			
1593	5.4	84	Ground
293	1.0	85	Other vehicle or object
10	0.0	86	Unknown vehicle or object
Noncontact Injury			
34	0.1	90	Fire in vehicle
794	2.7	91	Flying glass
1051	3.6	92	Other noncontact injury source
9	0.0	93	Air bag exhaust gases
3616	12.2	97	Injured, unknown source

Variable 816	<u>CONFIDENCE LEVEL</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Injury source confidence level

FREQ	Prcnt	Code	Value and Description
11333	38.4	1	Certain
10246	34.7	2	Probable
4352	14.7	3	Possible
3617	12.2	9	Unknown

Variable 817	<u>DIRECT/INDIRECT INJURY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 7

FREQ	Prcnt	Code	Value and Description
23366	79.1	1	Direct contact injury
678	2.3	2	Indirect contact injury
1888	6.4	3	Noncontact injury
3616	12.2	7	Injured, unknown source

Variable 818	<u>INTRUSION NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Occupant area intrusion number

FREQ	Prcnt	Code	Value and Description
19562	66.2	0	No intrusion or injury not associated with a documented intrusion
1234	4.2	1	- Intrusion number

Variable 818:INTRUSION NUMBER (Continued)

FREQ	Prcnt	Code	Value and Description
76	0.3	10	
401	1.4	97	Injury associated with a noncoded intrusion
4734	16.0	99	Unknown

Variable 819	OIC - BODY REGION	Width: 2	Type: Numeric
		Dec: None	Miss: 21

FREQ	Prcnt	Code	Value and Description
124	0.4	1	A - Arm (upper)
988	3.3	2	B - Back - thoracolumbar spine
3289	11.1	3	C - Chest
16	0.1	5	E - Elbow
6557	22.2	6	F - Face
3750	12.7	8	H - Head - skull
170	0.6	11	K - Knee
303	1.0	12	L - Leg (lower)
1548	5.2	13	M - Abdomen
1705	5.8	14	N - Neck - cervical spine
0	0.0	15	O - Whole body
480	1.6	16	P - Pelvis - hip
491	1.7	17	Q - Ankle - foot
273	0.9	18	R - Forearm
347	1.2	19	S - Shoulder
301	1.0	20	T - Thigh
587	2.0	21	U - Injured - unknown region
295	1.0	23	W - Wrist - hand
3598	12.2	24	X - Upper limb(s) (whole or unknown part)
4726	16.0	25	Y - Lower limb(s) (whole or unknown part)

Variable 820	OIC - LESION	Width: 2	Type: Numeric
		Dec: None	Miss: 21

FREQ	Prcnt	Code	Value and Description
5133	17.4	1	A - Abrasion
38	0.1	2	B - Burn
9623	32.6	3	C - Contusion
293	1.0	4	D - Dislocation
0	0.0	5	E - Total severance, transection
4174	14.1	6	F - Fracture
31	0.1	7	G - Detachment, separation
887	3.0	11	K - Concussion
5951	20.1	12	L - Laceration
26	0.1	13	M - Amputation
20	0.1	14	N - Crush
18	0.1	15	O - Other
0	0.0	16	P - Perforation, puncture

Variable 820:OIC - LESION (Continued)

FREQ	Prcnt	Code	Value and Description
42	0.1	18	R - Rupture
301	1.0	19	S - Sprain
1531	5.2	20	T - Strain
1197	4.1	21	U - Injured - unknown lesion
283	1.0	22	V - Avulsion
0	0.0	26	Z - Fracture and dislocation

Variable 821	OIC - SYSTEM ORGAN	Width: 2	Type: Numeric
		Dec: None	Miss: 21

FREQ	Prcnt	Code	Value and Description
160	0.5	1	A - Arteries - veins
1647	5.6	2	B - Brain
52	0.2	3	C - Spinal cord
284	1.0	4	D - Digestive
10	0.0	5	E - Ears
50	0.2	7	G - Urogenital
130	0.4	8	H - Heart
19136	64.8	9	I - Integumentary
609	2.1	10	J - Joints
76	0.3	11	K - Kidneys
199	0.7	12	L - Liver
1712	5.8	13	M - Muscles
28	0.1	14	N - Nervous system
70	0.2	15	O - Eye
308	1.0	16	P - Pulmonary - lungs
157	0.5	17	Q - Spleen
54	0.2	18	R - Respiratory
4397	14.9	19	S - Skeletal
9	0.0	20	T - Thyroid, other endocrine gland
357	1.2	21	U - Injured - unknown system
57	0.2	22	V - Vertebrae
46	0.2	23	W - All systems in region

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Index to Variables and Code Value Names

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

"+" = Many code values for this variable

Item	Var	CV	Variable Name or Code Value
a-pillar	815	75	Windshield, roof rail, A-pillar
abdomen	721	6	Lap belt worn on abdomen
abdomen	729	6	Lap portion of automatic belt worn on ab
abdomen	809	5	Abdomen
abdomen	819	13	M - Abdomen
abgs	756	1	Injured - ABGs not measured or reported
abnormal	713	8	Other abnormal posture
abrasion	820	1	A - Abrasion
absorption	345	*	ENERGY ABSORPTION
ac	324	97	AC test performed, results unknown
accelerating	326	10	Accelerating
acceptable	341	4	At least one vehicle is beyond the scope
access	385	74	From entrance to limited access highway
across	385	66	From crossing street - across path
across	713	2	Lying on or across seat
action	326	1	No avoidance actions
acura	307	54	Acura
add-on	732	5	Add-on - no damage
add-on	815	8	Add-on equipment (e.g., CB, tape deck, a
adjacent	385	60	From adjacent lane (same direction) - ov
adjustable	732	3	Adjustable - no damage
adjuster	735	2	Seat adjusters failed
aerostar	309	20	Minivan (Astro, Caravan, Plymouth Vista,
aerostar	355	20	Minivan (Astro, Caravan, Plymouth Vista,
age	707	*	AGE
air	356	2	VIN determined air bag system
air	723	*	AIR BAG AVAIL/FUNCTION
air	724	*	AIR BAG DEPLOYMENT
air	725	*	AIR BAG SYSTEM FAILURE
air	815	8	Add-on equipment (e.g., CB, tape deck, a
airbag	724	6	Airbag deployed, a result of a noncollis
ais	112	*	MAXIMUM KNOWN AIS
ais	349	*	MAXIMUM KNOWN AIS
ais	752	*	MAXIMUM KNOWN AIS
ais	814	*	AIS SEVERITY
alcohol	115	*	ALCOHOL INVOLVEMENT
alcohol	323	*	ALCOHOL PRESENCE
alcohol	324	*	ALCOHOL TEST RESULT
aleut	377	5	American Indian, Eskimo or Aleut
alfa	307	31	Alfa Romeo
algorithm	341	3	Missing vehicle algorithm
ambulance	309	11	Auto based panel (cargo station wagon, i
ambulance	355	11	Auto based panel (cargo station wagon, i
ambulance	378	6	Ambulance
amc-jeep	307	2	Jeep (includes AMC-Jeep, Kaiser)
american	307	1	American Motors
american	308	+	Rambler/American
american	377	5	American Indian, Eskimo or Aleut
amputation	820	13	M - Amputation
anatomic	811	*	TYPE OF ANATOMIC STRUCT
anatomic	812	*	SPECIFIC ANATOMIC STRUCT
anchor	735	4	Seat track/anchors failed
anchorage	722	4	Upper anchorage separated
angle	118	4	Angle

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Item	Var	CV	Variable Name or Code Value
angle	339	*	HEADING ANGLE - THIS VEH
angle	340	*	HEADING ANGLE - OTH VEH
animal	209	76	Animal
animal	381	76	Animal
animal	385	87	Animal in roadway
animal	407	76	Animal
animal	415	76	Animal
ankle	819	17	Q - Ankle - foot
antenna	815	66	Outside hardware (outside mirror, antenn
anterior	810	5	Anterior
aops	119	*	AOPS FATALITY
aops	356	*	AOPS VEHICLE
applied	382	*	PRIN TRIP FORCE APPLIED
approaching	385	81	Pedestrian approaching roadway
april	106	4	April
arm	721	3	Shoulder belt worn under arm
arm	729	3	Automatic shoulder belt worn under arm
arm	819	1	A - Arm (upper)
armrest	815	20	Left side interior surface (excluding ha
around	721	5	Belt worn around more than one person
around	729	5	Automatic belt worn around more than one
arrow	309	30	Compact pickup (Ram 50, Dakota, Arrow Pi
arrow	355	30	Compact pickup (Ram 50, Dakota, Arrow Pi
arterial	756	*	ARTERIAL BLOOD GASES
arteries	821	1	A - Arteries - veins
asian	377	6	Asian or Pacific Islander
aspect	810	*	OIC - ASPECT
assembly	607	1	Steering assembly
assembly	611	1	Steering assembly
assembly	615	1	Steering assembly
assembly	619	1	Steering assembly
assembly	623	1	Steering assembly
assembly	627	1	Steering assembly
assembly	631	1	Steering assembly
assembly	635	1	Steering assembly
assembly	639	1	Steering assembly
assembly	643	1	Steering assembly
assembly-driver	815	14	Windshield +1 or more from: front header
assessment	703	7	Occupant assessment record
associated	808	3	Emergency room records only (including a
associated	818	0	No intrusion or injury not associated wi
astro	309	20	Minivan (Astro, Caravan, Plymouth Vista,
astro	355	20	Minivan (Astro, Caravan, Plymouth Vista,
astrorider	736	310	Teddy Tot Astrorider - 6000 Series
astroseat	736	229	Teddy Tot Astroseat - 9100/9300 Series
atc	309	90	ATV (all terrain vehicle including dune/
atc	355	90	ATV (all terrain vehicle including dune/
attachment	815	7	Steering column, transmission, selector
attempted	326	*	ATTEMPTED AVOID MANEUVER
attenuator	209	55	Impact attenuator
attenuator	381	55	Impact attenuator
attenuator	407	55	Impact attenuator
attenuator	415	55	Impact attenuator
atv	309	90	ATV (all terrain vehicle including dune/
atv	355	90	ATV (all terrain vehicle including dune/
audi	307	32	Audi

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Item	Var	CV	Variable Name or Code Value
august	106	8	August
austin	307	33	Austin/Austin Healey
auto	309	10	Auto based pickup (includes El Camino, C
auto	355	10	Auto based pickup (includes El Camino, C
auto	726	*	AUTO RESTRAINT AVAILABLE
auto	727	*	AUTO (PASS) SYSTEM USE
auto	728	*	AUTO BELT SYSTEM TYPE
auto	729	*	PROPER USE OF AUTO BELT
auto	730	*	AUTO BELT FAILURE MODES
auto	736	212	Cosco Soft Shield - Auto Trac
auto-mate	736	252	Auto-Mate - Dial-A-Fit
automatic	356	3	VIN determined automatic (passive) belts
automatic	726	1	2 point automatic belts
automatic	727	1	Automatic belt in use
automatic	729	1	Automatic belt used properly
automatic	731	7	Other or automatic restraint
automobile	309	8	Other automobile type
automobile	355	8	Other automobile type
autopsy	808	1	Autopsy records with or without hospital
avoid	326	*	ATTEMPTED AVOID MANEUVER
avoid	386	*	PRECRASH STABILILTY AVOID
avoid	387	*	CONSEQUENC OF AVOID MANU
avoidance	326	1	No avoidance actions
avoidance	384	16	Successful avoidance maneuver to a previ
avoidance	386	0	No avoidance maneuver
avoidance	387	0	No avoidance maneuver
avulsion	820	22	V - Avulsion
axis	383	1	Roll right - primarily about longitudina
b-pillar	607	7	B-pillar
b-pillar	611	7	B-pillar
b-pillar	615	7	B-pillar
b-pillar	619	7	B-pillar
b-pillar	623	7	B-pillar
b-pillar	627	7	B-pillar
b-pillar	631	7	B-pillar
b-pillar	635	7	B-pillar
b-pillar	639	7	B-pillar
b-pillar	643	7	B-pillar
b-pillar	815	23	Left B-pillar
baby	736	249	Baby Sitter
back	208	4	(B) Back or TDC: back of unit with cargo
back	211	4	(B) Back or TDC: back of unit with cargo
back	443	1	Vehicle exterior (front, side, back, top
back	506	3	Door/hatch (back door)
back	607	19	Front seat back
back	611	19	Front seat back
back	615	19	Front seat back
back	619	19	Front seat back
back	623	19	Front seat back
back	627	19	Front seat back
back	631	19	Front seat back
back	635	19	Front seat back
back	639	19	Front seat back
back	643	19	Front seat back
back	713	6	Lying back in a reclined seat position
back	715	8	Other area (e.g., back of pickup, etc.)

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Item	Var	CV	Variable Name or Code Value
back	721	4	Shoulder belt worn behind back or seat
back	729	4	Automatic shoulder belt worn behind back
back	733	2	Bucket with folding back
back	735	3	Seat back folding locks or "seat back" f
back	736	305	Travel Hi-Lo - Deluxe High Back
back	815	40	Seat, back support
back	819	2	B - Back - thoracolumbar spine
backing	384	12	Backing up (other than for parking posit
backing	385	55	Backing
backlight	506	7	Rear window (backlight)
backlight	522	*	IMPACT GLAZING DAM - BL
backlight	530	*	CONTACT GLAZING DAM - BL
backlight	538	*	TYPE OF GLAZING - BL
backlight	546	*	WIN PRECRASH STAT - BL
backlight	607	18	Backlight header
backlight	611	18	Backlight header
backlight	615	18	Backlight header
backlight	619	18	Backlight header
backlight	623	18	Backlight header
backlight	627	18	Backlight header
backlight	631	18	Backlight header
backlight	635	18	Backlight header
backlight	639	18	Backlight header
backlight	643	18	Backlight header
backlight	815	60	Backlight (rear window)
bag	356	2	VIN determined air bag system
bag	723	*	AIR BAG AVAIL/FUNCTION
bag	724	*	AIR BAG DEPLOYMENT
bag	725	*	AIR BAG SYSTEM FAILURE
bag	815	16	Driver side air bag compartment cover
barrier	209	54	Concrete traffic barrier
barrier	381	54	Concrete traffic barrier
barrier	407	54	Concrete traffic barrier
barrier	415	54	Concrete traffic barrier
base	335	6	Separated pole from base
basis	341	*	BASIS FOR TOTAL DELTA-V
bed	736	401	Swinger Infant Car Bed
behind	721	4	Shoulder belt worn behind back or seat
behind	729	4	Automatic shoulder belt worn behind back
below	815	9	Left instrument panel and below
belt	356	3	VIN determined automatic (passive) belts
belt	719	*	MANUAL BELT AVAILABILITY
belt	720	*	MANUAL BELT USE
belt	721	*	MANUAL BELT PROPER USE
belt	722	*	MANUAL BELT FAILURE
belt	726	1	2 point automatic belts
belt	727	1	Automatic belt in use
belt	728	*	AUTO BELT SYSTEM TYPE
belt	729	*	PROPER USE OF AUTO BELT
belt	730	*	AUTO BELT FAILURE MODES
belt	731	2	Shoulder belt
belt	815	41	Belt restraint webbing/buckle
bench	733	3	Bench
benz	307	42	Mercedes Benz
beyond	341	4	At least one vehicle is beyond the scope
bicycle	309	81	Moped (motorized bicycle)

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Item	Var	CV	Variable Name or Code Value
bicycle	355	81	Moped (motorized bicycle)
bilateral	810	3	Bilateral
black	377	2	Black (non-Hispanic)
blank	208	97	(blank) No information
blank	211	97	(blank) No information
blazer	309	15	Large utility (includes Jeep Cherokee,Ra
blazer	355	15	Large utility (includes Jeep Cherokee,Ra
blood	359	1	Blood test
blood	755	*	WAS OCCUPANT GIVEN BLOOD
blood	756	*	ARTERIAL BLOOD GASES
blow	385	1	Blow out or flat tire
bmw	307	34	BMW
bobby	736	223	Bobby Mac - Deluxe II, Champion, Super,
body	309	*	BODY TYPE
body	328	8	Inapplicable - Body Type (V309) = 50-99
body	329	98	Inapplicable - Body Type (V309) = 50-99
body	330	98	Inapplicable - Body Type (V309) = 50-99
body	331	998	Inapplicable - Body Type (V309) = 50-99
body	332	998	Inapplicable - Body Type (V309) = 50-99
body	333	8	Inapplicable - Body Type (V309) = 50-99
body	334	8	Inapplicable - Body Type (V309) = 50-99
body	335	8	Other or Body Type (V309) = 50-99
body	336	8	Inapplicable - Body Type (V309) = 50-99
body	337	8	Inapplicable - Body Type (V309) = 50-99
body	338	8	Inapplicable - Body Type (V309) = 50-99
body	339	996	Inapplicable - Body Type (V309) = 50-99
body	340	996	Inapplicable - Body Type (V309) = 50-99
body	341	8	Inapplicable - Body Type (V309) = 50-99
body	342	998	Inapplicable - Body Type (V309) = 50-99
body	345	9998	Inapplicable - Body Type (V309) = 50-99
body	346	8	Inapplicable - Body Type (V309) = 50-99
body	347	8	Inapplicable - Body Type (V309) = 50-99
body	348	7	Inapplicable - Body Type (V309) = 50-99
body	349	8	Inapplicable - Body Type (V309) = 50-99
body	350	98	Inapplicable - Body Type (V309) = 50-99
body	351	98	Inapplicable - Body Type (V309) = 50-99
body	355	*	BODY TYPE - OTHER VEH
body	356	9	Inapplicable - Body Type (V309) = 50-99
body	379	9	Unknown rollover initiation type or Inap
body	380	8	Inapplicable - Body Type (V309) = 50-99
body	381	97	Inapplicable - Body Type (V309) = 50-99
body	382	7	Inapplicable - Body Type (V309) = 50-99
body	383	8	Inapplicable - Body Type (V309) = 50-99
body	809	*	OIC - BODY REGION
body	819	*	OIC - BODY REGION
bolster	651	*	KNEE BOLSTERS DEFORMED
bolster	815	13	Knee bolster
booster	736	306	Evenflo Booster
booster	737	4	Booster seat
borderline	346	4	Borderline reconstruction - results appe
bounce-over	379	6	Bounce-over
box	733	10	Box mounted seat (i.e., van type)
bracing	713	7	Bracing with feet or hands on a surface
brain	821	2	B - Brain
brake	326	5	Releasing brakes
brake	815	58	Parking brake handle

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
braking	326	2	Braking (no lockup)
brat	309	10	Auto based pickup (includes El Camino, C
brat	355	10	Auto based pickup (includes El Camino, C
breakaway	209	45	Breakaway pole or post
breakaway	381	45	Breakaway pole or post
breakaway	407	45	Breakaway pole or post
breakaway	415	45	Breakaway pole or post
bridge	209	64	Bridge
bridge	381	64	Bridge
bridge	407	64	Bridge
bridge	415	64	Bridge
britax	736	402	Britax
brockway	307	80	Brockway
broken	722	3	Broken buckle or latchplate
broken buckle or lat	730	3	Broken buckle or latchplate
broken retractor	730	6	Broken retractor
bronco	309	14	Compact utility (includes Jeep CJ-2 thru
bronco	355	14	Compact utility (includes Jeep CJ-2 thru
bsa	307	70	BSA
bucket	733	1	Bucket
buckle	722	3	Broken buckle or latchplate
buckle	815	41	Belt restraint webbing/buckle
buggy	309	90	ATV (all terrain vehicle including dune/
buggy	355	90	ATV (all terrain vehicle including dune/
buick	307	18	Buick
building	209	59	Building
building	381	59	Building
building	407	59	Building
building	415	59	Building
built-in	736	950	Built-in child safety seat
bumper	815	70	Front bumper
bunting	736	407	Preemie Bunting
burn	820	2	B - Burn
bus	207	20	School bus
bus	210	20	School bus
bus	309	24	Van based school bus (< 4,501 kgs GVWR)
bus	355	24	Van based school bus (< 4,501 kgs GVWR)
bus	378	2	Vehicle used as school bus
bush	209	43	Shrubbery or bush
bush	381	43	Shrubbery or bush
bush	407	43	Shrubbery or bush
bush	415	43	Shrubbery or bush
c-pillar	607	8	C-pillar
c-pillar	611	8	C-pillar
c-pillar	615	8	C-pillar
c-pillar	619	8	C-pillar
c-pillar	623	8	C-pillar
c-pillar	627	8	C-pillar
c-pillar	631	8	C-pillar
c-pillar	635	8	C-pillar
c-pillar	639	8	C-pillar
c-pillar	643	8	C-pillar
cab	208	6	(C) Rear of cab
cab	211	6	(C) Rear of cab
cab	309	40	Cab chassis based (includes rescue vehic
cab	355	40	Cab chassis based (includes rescue vehic

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
caballero	309	10	Auto based pickup (includes El Camino, C
caballero	355	10	Auto based pickup (includes El Camino, C
cadillac	307	19	Cadillac
camino	309	10	Auto based pickup (includes El Camino, C
camino	355	10	Auto based pickup (includes El Camino, C
camper	309	32	Pickup with slide-in camper
camper	355	32	Pickup with slide-in camper
cannabinoid	368	*	CANNABINOID - DEC TEST
cannabinoid-specimen	369	*	CANNABINOID-SPECIMEN TST
cannot	647	98	Observed deformation cannot be measured
car	207	9	Unknown passenger car size
car	210	9	Unknown passenger car size
car	352	8	Not applicable, not a passenger car
car	736	102	Century Infant Car Seat (includes 560, 5
caravan	309	20	Minivan (Astro, Caravan, Plymouth Vista,
caravan	355	20	Minivan (Astro, Caravan, Plymouth Vista,
care	736	236	Kantwet Care Seat
cargo	208	4	(B) Back or TDC: back of unit with cargo
cargo	211	4	(B) Back or TDC: back of unit with cargo
cargo	309	11	Auto based panel (cargo station wagon, i
cargo	332	*	CARGO WEIGHT
cargo	355	11	Auto based panel (cargo station wagon, i
cargo	443	5	Cargo/trunk compartment
cargo	736	501	Little Cargo Auto Vest
carrie	736	404	Carrie Car Seat System
carrier	736	110	Infant Carrier
carry	309	50	School bus (designed to carry students,
carry	355	50	School bus (designed to carry students,
carseat	736	253	Playskool Carseat
case	102	*	CASE NUMBER
case	202	*	CASE NUMBER
case	302	*	CASE NUMBER
case	402	*	CASE NUMBER
case	502	*	CASE NUMBER
case	602	*	CASE NUMBER
case	702	*	CASE NUMBER
case	802	*	CASE NUMBER
catastrophic	606	97	Catastrophic
catastrophic	607	97	Catastrophic
catastrophic	608	7	Catastrophic
catastrophic	609	7	Catastrophic
catastrophic	610	97	Catastrophic
catastrophic	611	97	Catastrophic
catastrophic	612	7	Catastrophic
catastrophic	613	7	Catastrophic
catastrophic	614	97	Catastrophic
catastrophic	615	97	Catastrophic
catastrophic	616	7	Catastrophic
catastrophic	617	7	Catastrophic
catastrophic	618	97	Catastrophic
catastrophic	619	97	Catastrophic
catastrophic	620	7	Catastrophic
catastrophic	621	7	Catastrophic
catastrophic	622	97	Catastrophic
catastrophic	623	97	Catastrophic
catastrophic	624	7	Catastrophic

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
catastrophic	625	7	Catastrophic
catastrophic	626	97	Catastrophic
catastrophic	627	97	Catastrophic
catastrophic	628	7	Catastrophic
catastrophic	629	7	Catastrophic
catastrophic	630	97	Catastrophic
catastrophic	631	97	Catastrophic
catastrophic	632	7	Catastrophic
catastrophic	633	7	Catastrophic
catastrophic	634	97	Catastrophic
catastrophic	635	97	Catastrophic
catastrophic	636	7	Catastrophic
catastrophic	637	7	Catastrophic
catastrophic	638	97	Catastrophic
catastrophic	639	97	Catastrophic
catastrophic	640	7	Catastrophic
catastrophic	641	7	Catastrophic
catastrophic	642	97	Catastrophic
catastrophic	643	97	Catastrophic
catastrophic	644	7	Catastrophic
catastrophic	645	7	Catastrophic
cause	385	8	Other cause of control loss
cause	748	*	CAUSE OF DEATH - MED REP
cause	749	*	CAUSE OF DEATH - MED REP
cause	750	*	CAUSE OF DEATH - MED REP
cb	815	8	Add-on equipment (e.g., CB, tape deck, a
cdc	337	0	No override or underide or vehicle not
cdc	338	0	No override or underide or vehicle not
cdc	341	5	All vehicles within scope (CDC applicabl
cdc	407	0	No event or CDC applicable
cdc	408	98	Not applicable - no CDC / TDC
cdc	413	98	Not applicable - no CDC / TDC
cdc	415	0	No event or not CDC applicable
cdc	416	98	Not applicable - no CDC / TDC
cdc	421	98	Not applicable - no CDC / TDC
cdc's	438	*	CDC'S DOC/NOT CODED
center	607	3	Instrument panel center
center	611	3	Instrument panel center
center	615	3	Instrument panel center
center	619	3	Instrument panel center
center	623	3	Instrument panel center
center	627	3	Instrument panel center
center	631	3	Instrument panel center
center	635	3	Instrument panel center
center	639	3	Instrument panel center
center	643	3	Instrument panel center
center	744	1	Trauma center
center	815	10	Center instrument panel and below
central	810	4	Central
century	736	102	Century Infant Car Seat (includes 560, 5
certain	816	1	Certain
cervical	819	14	N - Neck - cervical spine
chair	736	406	Travel Chair
champion	736	223	Bobby Mac - Deluxe II, Champion, Super,
changing	384	14	Changing lanes
charger	309	15	Large utility (includes Jeep Cherokee,Ra

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
charger	355	15	Large utility (includes Jeep Cherokee,Ra
chassis	309	12	Large limousine - more than four side do
chassis	355	12	Large limousine - more than four side do
cherokee	309	15	Large utility (includes Jeep Cherokee,Ra
cherokee	355	15	Large utility (includes Jeep Cherokee,Ra
chest	819	3	C - Chest
chevrolet	307	20	Chevrolet
chevy	309	16	Utility station wagon (Chevy Suburban,GM
chevy	355	16	Utility station wagon (Chevy Suburban,GM
child	720	12	Shoulder belt used with child safety sea
child	721	2	Belt used properly with child seat
child	729	2	Automatic belt used properly with child
child	731	6	Child safety seat
child	736	*	CHILD SEAT MAKE/MODEL
child	737	*	CHILD SEAT TYPE
child	738	*	CHILD SEAT ORIENTATION
child	739	*	CHILD SEAT HARNESS USE
child	740	*	CHILD SEAT SHIELD USE
child	741	*	CHILD SEAT TETHER USE
child	815	48	Child safety seat
chrysler	307	6	Chrysler
cj-2	309	14	Compact utility (includes Jeep CJ-2 thru
cj-2	355	14	Compact utility (includes Jeep CJ-2 thru
cj-7	309	14	Compact utility (includes Jeep CJ-2 thru
cj-7	355	14	Compact utility (includes Jeep CJ-2 thru
class	207	*	CLASS OF VEHICLE (1)
class	210	*	CLASS OF VEHICLE (2)
click	736	243	Quick Click
click-n-go	736	314	Click-N-Go - 890 Series
climb-over	379	4	Climb-over
clinic	744	3	Medical clinic
clinic	808	4	Private physician - walk-in or emergency
clockwise	386	3	Skidding laterally - clockwise rotation
closed	507	1	Door/gate/hatch remained closed and oper
closed	508	1	Door/gate/hatch remained closed and oper
closed	509	1	Door/gate/hatch remained closed and oper
closed	510	1	Door/gate/hatch remained closed and oper
closed	511	1	Door/gate/hatch remained closed and oper
closed	541	2	Closed
closed	542	2	Closed
closed	543	2	Closed
closed	544	2	Closed
closed	545	2	Closed
closed	546	2	Closed
closed	547	2	Closed
closed	548	2	Closed
closed	717	2	Closed
co-pilot	736	303	Co-Pilot - II
code	376	*	DRIVER'S ZIP CODE
coded	117	9	Not Coded
coded	387	99	Not coded
coded	438	*	CDC'S DOC/NOT CODED
coded	821	99	Not Coded
codes	815	45	Air bag (use codes "16" and "17" for air
collapse	648	9	Complete steering wheel collapse
collision	118	*	MANNER OF COLLISION

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
collision	335	*	POST COLL TREE/POLE COND
collision	341	4	At least one vehicle is beyond the scope
collision	346	1	Collision fits model - results appear re
collision	379	7	Collision with another vehicle
collision	385	0	Not applicable/no collision
collision	507	2	Door/gate/hatch came open during collisi
collision	508	2	Door/gate/hatch came open during collisi
collision	509	2	Door/gate/hatch came open during collisi
collision	510	2	Door/gate/hatch came open during collisi
collision	511	2	Door/gate/hatch came open during collisi
columbia	736	409	Columbia Orthopedic Seat
column	646	*	STEERING COLUMN TYPE
column	733	8	Pedestal (i.e., column supported)
column	815	7	Steering column, transmission, selector
coma	754	*	GLASGOW COMA SCALE SCORE
comanche	309	31	Large pickup (Jeep Pickup, Comanche, Siv
comanche	355	31	Large pickup (Jeep Pickup, Comanche, Siv
combination	506	98	Other combination of above
combination	722	7	Combination of above
combination	735	7	Combination of above
combination	815	6	Steering wheel (combination of rim, hub/
combination of above	730	7	Combination of above
comfort	736	258	Comfort Rule
commander	736	301	Century Commander
commuter	736	215	Commuter - 5-Pt
compact	207	2	Compact (wheelbase => 254 but < 265 cm)
compact	210	2	Compact (wheelbase => 254 but < 265 cm)
compact	309	14	Compact utility (includes Jeep CJ-2 thru
compact	355	14	Compact utility (includes Jeep CJ-2 thru
compartment	443	4	Engine compartment
compartment	506	*	PASS COMPART INTEGRITY
compartment	652	*	GLOVE COMPART DOOR OPEN
compartment	735	6	Deformed by passenger compartment intrus
compartment	815	12	Glove compartment door
complete	347	1	Complete inspection
complete	648	9	Complete steering wheel collapse
complete	714	1	Complete ejection
component	343	*	LONG COMPONENT DELTA-V
component	344	*	LAT COMPONENT DELTA-V
component	607	*	INTRUDING COMPONENT (1)
component	611	*	INTRUDING COMPONENT (2)
component	615	*	INTRUDING COMPONENT (3)
component	619	*	INTRUDING COMPONENT (4)
component	623	*	INTRUDING COMPONENT (5)
component	627	*	INTRUDING COMPONENT (6)
component	631	*	INTRUDING COMPONENT (7)
component	635	*	INTRUDING COMPONENT (8)
component	639	*	INTRUDING COMPONENT (9)
component	643	*	INTRUDING COMPONENT (10)
component	815	43	Other restraint system component
concrete	209	54	Concrete traffic barrier
concrete	381	54	Concrete traffic barrier
concrete	407	54	Concrete traffic barrier
concrete	415	54	Concrete traffic barrier
concussion	820	11	K - Concussion
condition	335	*	POST COLL TREE/POLE COND

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
condition	341	5	All vehicles within scope (CDC applicabl
condition	385	5	Poor road conditions (puddle, pot hole,
conditioner	815	8	Add-on equipment (e.g., CB, tape deck, a
confidence	346	*	RECONSTRUCT CONFIDENCE
confidence	816	*	CONFIDENCE LEVEL
consciousness	811	6	Head -LOC (Level of Consciousness)
consequenc	387	*	CONSEQUENC OF AVOID MANU
consequences	387	9	Directional consequences unknown
console	713	5	Sitting on console
console	815	57	Floor or console-mounted transmission le
console-mounted	815	57	Floor or console-mounted transmission le
construction	309	93	Construction equipment other than trucks
construction	355	93	Construction equipment other than trucks
contact	209	*	VEH NUM (2)/OBJ CONTACT
contact	381	*	ROLLOVER INIT OBJ CONTACT
contact	525	*	CONTACT GLAZING DAM - WS
contact	526	*	CONTACT GLAZING DAM - LF
contact	527	*	CONTACT GLAZING DAM - RF
contact	528	*	CONTACT GLAZING DAM - LR
contact	529	*	CONTACT GLAZING DAM - RR
contact	530	*	CONTACT GLAZING DAM - BL
contact	531	*	CONTACT GLAZING DAM - RO
contact	532	*	CONTACT GLAZING DAM - OT
contact	533	0	No glazing contact and no damage, or no
contact	534	0	No glazing contact and no damage, or no
contact	535	0	No glazing contact and no damage, or no
contact	536	0	No glazing contact and no damage, or no
contact	537	0	No glazing contact and no damage, or no
contact	538	0	No glazing contact and no damage, or no
contact	539	0	No glazing contact and no damage, or no
contact	540	0	No glazing contact and no damage, or no
contact	541	0	No glazing contact and no damage, or no
contact	542	0	No glazing contact and no damage, or no
contact	543	0	No glazing contact and no damage, or no
contact	544	0	No glazing contact and no damage, or no
contact	545	0	No glazing contact and no damage, or no
contact	546	0	No glazing contact and no damage, or no
contact	547	0	No glazing contact and no damage, or no
contact	548	0	No glazing contact and no damage, or no
contact	817	1	Direct contact injury
contacted	407	*	OBJECT CONTACTED (1)
contacted	415	*	OBJECT CONTACTED (2)
contacted	525	1	Glazing contacted by occupant but no gla
contacted	526	1	Glazing contacted by occupant but no gla
contacted	527	1	Glazing contacted by occupant but no gla
contacted	528	1	Glazing contacted by occupant but no gla
contacted	529	1	Glazing contacted by occupant but no gla
contacted	530	1	Glazing contacted by occupant but no gla
contacted	531	1	Glazing contacted by occupant but no gla
contacted	532	1	Glazing contacted by occupant but no gla
control	385	8	Other cause of control loss
control	815	59	Foot controls (including parking brake)
contusion	820	3	C - Contusion
conventional	309	39	Unknown (pickup style) light conventiona
conventional	355	39	Unknown (pickup style) light conventiona
convertible	309	1	Convertible (excludes sun roof, t-bar)

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
convertible	355	1	Convertible (excludes sun roof, t-bar)
convertible	607	12	Roof (or convertible top)
convertible	611	12	Roof (or convertible top)
convertible	615	12	Roof (or convertible top)
convertible	619	12	Roof (or convertible top)
convertible	623	12	Roof (or convertible top)
convertible	627	12	Roof (or convertible top)
convertible	631	12	Roof (or convertible top)
convertible	635	12	Roof (or convertible top)
convertible	639	12	Roof (or convertible top)
convertible	643	12	Roof (or convertible top)
convertible	736	221	Evenflo Convertible
convertible	737	3	Convertible seat
convertible	815	54	Roof or convertible top
conveyance	209	74	Other nonmotorist or conveyance
conveyance	407	74	Other nonmotorist or conveyance
conveyance	415	74	Other nonmotorist or conveyance
cord	821	3	C - Spinal cord
coroner	808	5	Lay coroner report
cosco	736	105	Cosco TLC
counterclockwise	386	4	Skidding laterally - counterclockwise ro
country	309	50	School bus (designed to carry students,
country	355	50	School bus (designed to carry students,
coupe	309	2	2-door sedan, hardtop, coupe
coupe	355	2	2-door sedan, hardtop, coupe
cover	815	16	Driver side air bag compartment cover
covers	815	45	Air bag (use codes "16" and "17" for air
cr-3	736	320	Century CR-3
cracked	335	2	Cracked/sheared
cracked	517	2	Glazing in place and cracked from impact
cracked	518	2	Glazing in place and cracked from impact
cracked	519	2	Glazing in place and cracked from impact
cracked	520	2	Glazing in place and cracked from impact
cracked	521	2	Glazing in place and cracked from impact
cracked	522	2	Glazing in place and cracked from impact
cracked	523	2	Glazing in place and cracked from impact
cracked	524	2	Glazing in place and cracked from impact
cracked	525	2	Glazing in place and cracked by occupant
cracked	526	2	Glazing in place and cracked by occupant
cracked	527	2	Glazing in place and cracked by occupant
cracked	528	2	Glazing in place and cracked by occupant
cracked	529	2	Glazing in place and cracked by occupant
cracked	530	2	Glazing in place and cracked by occupant
cracked	531	2	Glazing in place and cracked by occupant
cracked	532	2	Glazing in place and cracked by occupant
crash	341	1	CRASH program - damage only routine
critical	112	5	Critical injury
critical	349	5	Critical injury
critical	384	16	Successful avoidance maneuver to a previ
critical	385	*	CRITICAL PRECRASH EVENT
critical	752	5	Critical injury
critical	814	5	Critical injury
cross	309	50	School bus (designed to carry students,
cross	355	50	School bus (designed to carry students,
crossing	385	17	Crossing over (passing through) intersec
crossover	385	54	In crossover

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
crush	609	*	CRUSH DIRECTION (1)
crush	613	*	CRUSH DIRECTION (2)
crush	617	*	CRUSH DIRECTION (3)
crush	621	*	CRUSH DIRECTION (4)
crush	625	*	CRUSH DIRECTION (5)
crush	629	*	CRUSH DIRECTION (6)
crush	633	*	CRUSH DIRECTION (7)
crush	637	*	CRUSH DIRECTION (8)
crush	641	*	CRUSH DIRECTION (9)
crush	645	*	CRUSH DIRECTION (10)
crush	820	14	N - Crush
cuddle	736	104	Cuddle Shuddle
culvert	209	60	Ditch or culvert
culvert	381	60	Ditch or culvert
culvert	407	60	Ditch or culvert
culvert	415	60	Ditch or culvert
curb	209	63	Curb
curb	331	*	CURB WEIGHT
curb	381	63	Curb
curb	407	63	Curb
curb	415	63	Curb
curve	384	13	Negotiating a curve
cushion	607	24	Seat cushion
cushion	611	24	Seat cushion
cushion	615	24	Seat cushion
cushion	619	24	Seat cushion
cushion	623	24	Seat cushion
cushion	627	24	Seat cushion
cushion	631	24	Seat cushion
cushion	635	24	Seat cushion
cushion	639	24	Seat cushion
cushion	643	24	Seat cushion
cushion	733	4	Bench with separate back cushions
cushion	736	245	Child Cushion
cycle	207	25	Motored cycle
cycle	209	73	Cyclist or cycle
cycle	210	25	Motored cycle
cycle	307	79	Other motored cycle
cycle	309	88	Other motored cycle type (minibike, moto
cycle	355	88	Other motored cycle type (minibike, moto
cycle	407	73	Cyclist or cycle
cycle	415	73	Cyclist or cycle
cyclist	209	73	Cyclist or cycle
cyclist	407	73	Cyclist or cycle
cyclist	415	73	Cyclist or cycle
d-pillar	607	9	D-pillar
d-pillar	611	9	D-pillar
d-pillar	615	9	D-pillar
d-pillar	619	9	D-pillar
d-pillar	623	9	D-pillar
d-pillar	627	9	D-pillar
d-pillar	631	9	D-pillar
d-pillar	635	9	D-pillar
d-pillar	639	9	D-pillar
d-pillar	643	9	D-pillar
daihatsu	307	60	Daihatsu

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
dakota	309	30	Compact pickup (Ram 50, Dakota, Arrow Pi
dakota	355	30	Compact pickup (Ram 50, Dakota, Arrow Pi
damage	208	*	GEN AREA OF DAMAGE (1)
damage	209	34	Other intraunit damage
damage	211	*	GEN AREA OF DAMAGE (2)
damage	321	0	Not towed due to vehicle damage
damage	341	1	CRASH program - damage only routine
damage	403	0	Filler - No damage record for this vehic
damage	407	34	Other intraunit damage
damage	415	34	Other intraunit damage
damage	439	0	Not towed due to vehicle damage
damage	503	0	Filler - No damage record for this vehic
damage	512	*	DOOR/GATE/HATCH DAM - LF
damage	513	*	DOOR/GATE/HATCH DAM - RF
damage	514	*	DOOR/GATE/HATCH DAM - LR
damage	515	*	DOOR/GATE/HATCH DAM - RR
damage	516	*	DOOR/GATE/HATCH DAM - TG
damage	517	*	IMPACT GLAZING DAM - WS
damage	518	*	IMPACT GLAZING DAM - LF
damage	519	*	IMPACT GLAZING DAM - RF
damage	520	*	IMPACT GLAZING DAM - LR
damage	521	*	IMPACT GLAZING DAM - RR
damage	522	*	IMPACT GLAZING DAM - BL
damage	523	*	IMPACT GLAZING DAM - RO
damage	524	*	IMPACT GLAZING DAM - OT
damage	525	*	CONTACT GLAZING DAM - WS
damage	526	*	CONTACT GLAZING DAM - LF
damage	527	*	CONTACT GLAZING DAM - RF
damage	528	*	CONTACT GLAZING DAM - LR
damage	529	*	CONTACT GLAZING DAM - RR
damage	530	*	CONTACT GLAZING DAM - BL
damage	531	*	CONTACT GLAZING DAM - RO
damage	532	*	CONTACT GLAZING DAM - OT
damage	533	0	No glazing contact and no damage, or no
damage	534	0	No glazing contact and no damage, or no
damage	535	0	No glazing contact and no damage, or no
damage	536	0	No glazing contact and no damage, or no
damage	537	0	No glazing contact and no damage, or no
damage	538	0	No glazing contact and no damage, or no
damage	539	0	No glazing contact and no damage, or no
damage	540	0	No glazing contact and no damage, or no
damage	541	0	No glazing contact and no damage, or no
damage	542	0	No glazing contact and no damage, or no
damage	543	0	No glazing contact and no damage, or no
damage	544	0	No glazing contact and no damage, or no
damage	545	0	No glazing contact and no damage, or no
damage	546	0	No glazing contact and no damage, or no
damage	547	0	No glazing contact and no damage, or no
damage	548	0	No glazing contact and no damage, or no
damage	603	0	Filler - No damage record for this vehic
damage	650	*	INSTRUMENT PANEL DAMAGE
damage	732	*	HEAD RESTRAINT TYPE/DAM
damaged	335	1	Not damaged
damaged	517	9	Unknown if damaged/No record
damaged	518	9	Unknown if damaged/No record
damaged	519	9	Unknown if damaged/No record

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
damaged	520	9	Unknown if damaged/No record
damaged	521	9	Unknown if damaged/No record
damaged	522	9	Unknown if damaged/No record
damaged	523	9	Unknown if damaged/No record
damaged	524	9	Unknown if damaged/No record
damaged	732	2	Integral - damaged during accident
datson	307	35	Nissan/Datsun
day	108	*	ACCIDENT DAY OF WEEK
day	745	61	61 days or more
day	746	*	WORKING DAYS LOST
day	747	60	From 29 1/2 to 30 days after the acciden
death	747	*	TIME TO DEATH
death	748	*	CAUSE OF DEATH - MED REP
death	749	*	CAUSE OF DEATH - MED REP
death	750	*	CAUSE OF DEATH - MED REP
dec	358	*	POLICE DEC TEST - DRIVER
dec	360	*	NARCOTIC - DEC RESULTS
dec	362	*	DEPRESSANT - DEC TEST
dec	364	*	STIMULANT- DEC TEST
dec	366	*	HALLUCINOGEN - DEC TEST
dec	368	*	CANNABINOID - DEC TEST
dec	370	*	PCP DRUG - DEC TEST
dec	372	*	INHALANT - DEC TEST
dec	374	*	OTH DRUG - DEC TEST
decelerating	385	51	Traveling in same direction with lower s
december	106	12	December
deck	815	8	Add-on equipment (e.g., CB, tape deck, a
deformation	409	*	DEFORMATION LOCATION (1)
deformation	413	*	DEFORMATION EXTENT (1)
deformation	417	*	DEFORMATION LOCATION (2)
deformation	421	*	DEFORMATION EXTENT (2)
deformation	647	*	RIM/SPOKE DEFORMATION
deformation	648	*	RIM/SPOKE DEF LOCATION
deformed	651	*	KNEE BOLSTERS DEFORMED
deformed	735	5	Deformed by occupant impact
degree	335	3	Tilted < 45 degrees
degree	386	2	Skidding longitudinally - rotation less
degree	714	3	Ejection, unknown degree
delta	335	0	Not collision (for highest delta V) with
delta-v	341	*	BASIS FOR TOTAL DELTA-V
delta-v	342	*	TOTAL DELTA-V
delta-v	343	*	LONG COMPONENT DELTA-V
delta-v	344	*	LAT COMPONENT DELTA-V
delta-v	422	*	HIGHEST DELTA-V - "L"
delta-v	423	*	HIGHEST DELTA-V - "C1"
delta-v	424	*	HIGHEST DELTA-V - "C2"
delta-v	425	*	HIGHEST DELTA-V - "C3"
delta-v	426	*	HIGHEST DELTA-V - "C4"
delta-v	427	*	HIGHEST DELTA-V - "C5"
delta-v	428	*	HIGHEST DELTA-V - "C6"
delta-v	429	*	HIGHEST DELTA-V - "D"
delta-v	430	*	SECOND DELTA-V - "L"
delta-v	431	*	SECOND DELTA-V - "C1"
delta-v	432	*	SECOND DELTA-V - "C2"
delta-v	433	*	SECOND DELTA-V - "C3"
delta-v	434	*	SECOND DELTA-V - "C4"

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
delta-v	435	*	SECOND DELTA-V - "C5"
delta-v	436	*	SECOND DELTA-V - "C6"
delta-v	437	*	SECOND DELTA-V - "D"
deluxe	736	223	Bobby Mac - Deluxe II, Champion, Super,
departed	387	4	Vehicle departed roadway
departure	385	14	End departure
deployed	724	1	Air bag deployed during accident (as a r
deployment	724	*	AIR BAG DEPLOYMENT
depressant	362	*	DEPRESSANT - DEC TEST
depressant-	363	*	DEPRESSANT- SPECIMEN TST
derivative	309	13	Three-wheel automobile or automobile der
derivative	355	13	Three-wheel automobile or automobile der
designed	309	50	School bus (designed to carry students,
designed	355	50	School bus (designed to carry students,
destroyed	719	1	Belt removed/destroyed
destroyed	720	0	None used, not available, belt removed/d
destroyed	726	4	Automatic belts destroyed or rendered in
destroyed	727	0	Not equipped/not available/destroyed or
detachment	820	7	G - Detachment, separation
dial-a-fit	736	252	Auto-Mate - Dial-A-Fit
diamond	307	81	Diamond Reo, Reo
died	742	6	Died prior to accident
digestive	821	4	D - Digestive
direct	817	*	DIRECT/INDIRECT INJURY
direction	118	5	Sideswipe, same direction
direction	383	*	DIRECTION OF INITIAL ROL
direction	385	19	Unknown travel direction
direction	408	*	DIRECTION OF FORCE (1)
direction	416	*	DIRECTION OF FORCE (2)
direction	609	*	CRUSH DIRECTION (1)
direction	613	*	CRUSH DIRECTION (2)
direction	617	*	CRUSH DIRECTION (3)
direction	621	*	CRUSH DIRECTION (4)
direction	625	*	CRUSH DIRECTION (5)
direction	629	*	CRUSH DIRECTION (6)
direction	633	*	CRUSH DIRECTION (7)
direction	637	*	CRUSH DIRECTION (8)
direction	641	*	CRUSH DIRECTION (9)
direction	645	*	CRUSH DIRECTION (10)
directional	387	9	Directional consequences unknown
disabled	384	6	Disabled or parked in travel lane
disabling	385	3	Disabling vehicle failure (e.g. wheel fe
discharge	808	2	Hospital/medical records other than emer
disconnected	209	78	Trailer, disconnected in transport
disconnected	381	78	Trailer, disconnected in transport
disconnected	407	78	Trailer, disconnected in transport
disconnected	415	78	Trailer, disconnected in transport
disconnected	723	2	Air bag disconnected
disconnected	727	2	Automatic belt not in use (manually disc
disease	111	2	Fatal - ruled disease
disease	348	2	Fatal - ruled disease
disease	743	2	Fatal - ruled disease
disease	747	96	Fatal - ruled disease
disease	748	97	Other result (includes fatal ruled disea
disease	749	97	Other result (includes fatal ruled disea
disease	750	97	Other result (includes fatal ruled disea

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
disintegrated	517	6	Glazing disintegrated from impact forces
disintegrated	518	6	Glazing disintegrated from impact forces
disintegrated	519	6	Glazing disintegrated from impact forces
disintegrated	520	6	Glazing disintegrated from impact forces
disintegrated	521	6	Glazing disintegrated from impact forces
disintegrated	522	6	Glazing disintegrated from impact forces
disintegrated	523	6	Glazing disintegrated from impact forces
disintegrated	524	6	Glazing disintegrated from impact forces
disintegrated	525	6	Glazing disintegrated by occupant contac
disintegrated	526	6	Glazing disintegrated by occupant contac
disintegrated	527	6	Glazing disintegrated by occupant contac
disintegrated	528	6	Glazing disintegrated by occupant contac
disintegrated	529	6	Glazing disintegrated by occupant contac
disintegrated	530	6	Glazing disintegrated by occupant contac
disintegrated	531	6	Glazing disintegrated by occupant contac
disintegrated	532	6	Glazing disintegrated by occupant contac
dislocation	820	4	D - Dislocation
disposition	321	*	VEHICLE DISPOSITION
disposition	439	*	VEHICLE DISPOSITION
distribution	412	*	TYPE OF DISTRIB (1)
distribution	420	*	TYPE OF DISTRIB (2)
ditch	209	60	Ditch or culvert
ditch	381	60	Ditch or culvert
ditch	407	60	Ditch or culvert
ditch	415	60	Ditch or culvert
divided	380	4	On roadside or divided trafficway median
doc	334	*	TRAJECTORY DATA DOC
doc	438	*	CDC'S DOC/NOT CODED
documented	818	0	No intrusion or injury not associated wi
dodge	307	7	Dodge
domestic	307	29	Other domestic
door	309	7	Hatchback, number of doors unknown
door	355	7	Hatchback, number of doors unknown
door	506	2	Door (side)
door	507	*	DOOR/GATE/HATCH OPN - LF
door	508	*	DOOR/GATE/HATCH OPN - RF
door	509	*	DOOR/GATE/HATCH OPN - LR
door	510	*	DOOR/GATE/HATCH OPN - RR
door	511	*	DOOR/GATE/HATCH OPN - TG
door	512	*	DOOR/GATE/HATCH DAM - LF
door	513	*	DOOR/GATE/HATCH DAM - RF
door	514	*	DOOR/GATE/HATCH DAM - LR
door	515	*	DOOR/GATE/HATCH DAM - RR
door	516	*	DOOR/GATE/HATCH DAM - TG
door	607	10	Door panel (side)
door	611	10	Door panel (side)
door	615	10	Door panel (side)
door	619	10	Door panel (side)
door	623	10	Door panel (side)
door	627	10	Door panel (side)
door	631	10	Door panel (side)
door	635	10	Door panel (side)
door	639	10	Door panel (side)
door	643	10	Door panel (side)
door	652	*	GLOVE COMPART DOOR OPEN
door	716	1	Door/hatch/tailgate

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
door	815	12	Glove compartment door
doubleguard	736	321	Gerry DoubleGuard
dream	736	116	Cosco Dream Ride
drive	352	*	FRONT/REAR WHEEL DRIVE
driver	323	8	No driver present
driver	324	98	No driver present
driver	326	97	No driver present
driver	327	99	Unknown or no driver present
driver	328	*	DRIVER PRESENCE
driver	357	8	No driver present
driver	358	*	POLICE DEC TEST - DRIVER
driver	359	8	No driver present
driver	360	8	No driver present
driver	361	8	No driver present
driver	362	8	No driver present
driver	363	8	No driver present
driver	364	8	No driver present
driver	365	8	No driver present
driver	366	8	No driver present
driver	367	8	No driver present
driver	368	8	No driver present
driver	369	8	No driver present
driver	370	8	No driver present
driver	371	8	No driver present
driver	372	8	No driver present
driver	373	8	No driver present
driver	374	8	No driver present
driver	375	8	No driver present
driver	376	0	Driver not present
driver	377	0	Driver not present
driver	384	98	No driver presence
driver	386	8	No driver present
driver	387	8	No driver present
driver	711	1	Driver
driver	815	16	Driver side air bag compartment cover
driver'	376	*	DRIVER'S ZIP CODE
driver'	377	*	DRIVER'S RACE/ETHNIC
driver'	712	11	Front seat - left side (driver's side)
driveway	385	70	From driveway - turning into same direct
drug	117	*	DRUG INVOLVEMENT
drug	357	*	OTHER DRUG PRESENCE
drug	359	*	OTHER DRUG TST TYPE-DRIV
drug	361	1	Drug not found in specimen
drug	363	1	Drug not found in specimen
drug	365	1	Drug not found in specimen
drug	367	1	Drug not found in specimen
drug	369	1	Drug not found in specimen
drug	370	*	PCP DRUG - DEC TEST
drug	371	*	PCP DRUG - SPECIMEN TEST
drug	373	1	Drug not found in specimen
drug	374	*	OTH DRUG - DEC TEST
drug	375	*	OTH DRUG - SPECIMEN TEST
ducati	307	71	Ducati
dump	309	40	Cab chassis based (includes rescue vehic
dump	355	40	Cab chassis based (includes rescue vehic
dune	309	90	ATV (all terrain vehicle including dune/

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
dune	355	90	ATV (all terrain vehicle including dune/
dyn-o-mite	736	109	Dyn-O-Mite
e-z-on	736	403	E-Z-On Vest
eagle	307	10	Eagle
ear	821	5	E - Ears
easy	736	213	Cosco Safe & Easy
econoline	309	21	Large van (Sportsman, Royal, Ram, Chevy
econoline	355	21	Large van (Sportsman, Royal, Ram, Chevy
edge	385	12	Off the edge of the road on the left sid
edge	815	71	Hood edge
ejection	714	*	EJECTION
ejection	715	*	EJECTION AREA
ejection	716	*	EJECTION MEDIUM
ejection	717	0	No ejection
el	309	10	Auto based pickup (includes El Camino, C
el	355	10	Auto based pickup (includes El Camino, C
elbow	819	5	E - Elbow
electrical	444	0	No fuel tank (electrical vehicle)
electrical	724	6	Airbag deployed, a result of a noncollis
embankment	209	44	Embankment
embankment	381	44	Embankment
embankment	407	44	Embankment
embankment	415	44	Embankment
emergency	808	2	Hospital/medical records other than emer
enclosed	606	98	Other enclosed area
enclosed	610	98	Other enclosed area
enclosed	614	98	Other enclosed area
enclosed	618	98	Other enclosed area
enclosed	622	98	Other enclosed area
enclosed	626	98	Other enclosed area
enclosed	630	98	Other enclosed area
enclosed	634	98	Other enclosed area
enclosed	638	98	Other enclosed area
enclosed	642	98	Other enclosed area
encroachment	385	78	Encroachment by other vehicle - details
end-over-end	336	5	Rollover - end-over-end
end-over-end	383	5	End-over-end (i.e., primarily about late
endocrine	821	20	T - Thyroid, other endocrine gland
energy	345	*	ENERGY ABSORPTION
engine	385	2	Stalled engine
engine	443	4	Engine compartment
entering	384	8	Entering a parked position
entrance	385	74	From entrance to limited access highway
entrapment	718	*	ENTRAPMENT
entrapped	718	0	Not entrapped
environment	607	32	Other exterior object in the environment
environment	611	32	Other exterior object in the environment
environment	615	32	Other exterior object in the environment
environment	619	32	Other exterior object in the environment
environment	623	32	Other exterior object in the environment
environment	627	32	Other exterior object in the environment
environment	631	32	Other exterior object in the environment
environment	635	32	Other exterior object in the environment
environment	639	32	Other exterior object in the environment
environment	643	32	Other exterior object in the environment
equipment	309	92	Farm equipment

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
equipment	355	92	Farm equipment
equipment	815	8	Add-on equipment (e.g., CB, tape deck, a
eskimo	377	5	American Indian, Eskimo or Aleut
ethnic	377	*	DRIVER'S RACE/ETHNIC
evenflo	736	108	Evenflo Infant Car Seat
event	110	*	NUM EVENTS RECORDED
event	203	2	Event record
event	205	*	EVENT SEQUENCE NUMBER
event	209	98	Other event
event	381	98	Other event
event	384	16	Successful avoidance maneuver to a previ
event	385	*	CRITICAL PRECRASH EVENT
event	406	0	No event
event	407	0	No event or CDC applicable
event	413	0	No event
event	414	0	No event
event	415	0	No event or not CDC applicable
event	421	0	No event
event	724	6	Airbag deployed, a result of a noncollis
excluding	309	6	Station Wagon (excluding van and truck b
excluding	355	6	Station Wagon (excluding van and truck b
excluding	815	20	Left side interior surface (excluding ha
exhaust	443	2	Exhaust system
exhaust	815	93	Air bag exhaust gases
explorer	736	216	Explorer
explosion	209	32	Fire or explosion
explosion	407	32	Fire or explosion
explosion	415	32	Fire or explosion
explosion	724	6	Airbag deployed, a result of a noncollis
extent	413	*	DEFORMATION EXTENT (1)
extent	421	*	DEFORMATION EXTENT (2)
exterior	403	4	Exterior Damage record
exterior	443	1	Vehicle exterior (front, side, back, top
exterior	607	32	Other exterior object in the environment
exterior	611	32	Other exterior object in the environment
exterior	615	32	Other exterior object in the environment
exterior	619	32	Other exterior object in the environment
exterior	623	32	Other exterior object in the environment
exterior	627	32	Other exterior object in the environment
exterior	631	32	Other exterior object in the environment
exterior	635	32	Other exterior object in the environment
exterior	639	32	Other exterior object in the environment
exterior	643	32	Other exterior object in the environment
exterior	815	18	Windshield reinforced by exterior object
extremity	809	7	Upper Extremity
eye	821	15	O - Eye
face	809	2	Face
face	819	6	F - Face
facility	744	*	TYPE OF MEDICAL FACILITY
facility	754	1	Injured - not treated at medical facilit
facing	734	1	Forward facing seat
facing	738	1	Rear facing
factor	116	*	RATIO INFLATION FACTOR
failed	360	2	Failed DEC test
failed	362	2	Failed DEC test
failed	364	2	Failed DEC test

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
failed	366	2	Failed DEC test
failed	368	2	Failed DEC test
failed	370	2	Failed DEC test
failed	372	2	Failed DEC test
failed	374	2	Failed DEC test
failed	735	2	Seat adjusters failed
failure	385	3	Disabling vehicle failure (e.g. wheel fe
failure	512	2	Latch/striker failure due to damage
failure	513	2	Latch/striker failure due to damage
failure	514	2	Latch/striker failure due to damage
failure	515	2	Latch/striker failure due to damage
failure	516	2	Latch/striker failure due to damage
failure	722	*	MANUAL BELT FAILURE
failure	725	*	AIR BAG SYSTEM FAILURE
failure	730	*	AUTO BELT FAILURE MODES
failure	735	1	No seat performance failure(s)
fall-over	379	5	Fall-over
fall-over	381	31	Turn-over - fall-over
farm	309	92	Farm equipment
farm	355	92	Farm equipment
fast	385	6	Traveling too fast for conditions
fatal	111	1	Fatal
fatal	348	1	Fatal
fatal	742	4	K - fatal injury
fatal	743	1	Fatal
fatal	747	0	Not fatal
fatal	748	0	Not fatal or no additional causes
fatal	749	0	Not fatal or no additional causes
fatal	750	0	Not fatal or no additional causes
fatality	119	*	AOPS FATALITY
fatally	746	62	Fatally injured
february	106	2	February
feet	713	7	Bracing with feet or hands on a surface
fell	385	3	Disabling vehicle failure (e.g. wheel fe
female	708	2	Female
fence	209	57	Fence
fence	381	57	Fence
fence	407	57	Fence
fence	415	57	Fence
fiat	307	36	Fiat
fire	209	32	Fire or explosion
fire	378	8	Fire truck
fire	381	62	Fire hydrant
fire	407	32	Fire or explosion
fire	415	32	Fire or explosion
fire	442	*	FIRE OCCURRENCE
fire	443	*	ORIGIN OF FIRE
fire	724	6	Airbag deployed, a result of a noncollis
fire	815	90	Fire in vehicle
fisher-price	736	118	Fisher-Price Infant Seat
fixed	209	68	Other fixed object
fixed	381	68	Other fixed object
fixed	407	68	Other fixed object
fixed	415	68	Other fixed object
fixed	541	1	Fixed
fixed	542	1	Fixed

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
fixed	543	1	Fixed
fixed	544	1	Fixed
fixed	545	1	Fixed
fixed	546	1	Fixed
fixed	547	1	Fixed
fixed	548	1	Fixed
fixed	646	1	Fixed column
fixed	716	3	Fixed glazing
flat	385	1	Blow out or flat tire
flew	385	4	Non-disabling vehicle problem (e.g. hood
flip	736	312	Flip 'N'Go - II
flip-over	379	2	Flip-over
floor	607	17	Floor pan (includes sill)
floor	611	17	Floor pan (includes sill)
floor	615	17	Floor pan (includes sill)
floor	619	17	Floor pan (includes sill)
floor	623	17	Floor pan (includes sill)
floor	627	17	Floor pan (includes sill)
floor	631	17	Floor pan (includes sill)
floor	635	17	Floor pan (includes sill)
floor	639	17	Floor pan (includes sill)
floor	643	17	Floor pan (includes sill)
floor	815	56	Floor including toe pan
flying	815	91	Flying glass
folding	733	2	Bucket with folding back
folding	735	3	Seat back folding locks or "seat back" f
foot	815	59	Foot controls (including parking brake)
foot	819	17	Q - Ankle - foot
force	382	*	PRIN TRIP FORCE APPLIED
force	408	*	DIRECTION OF FORCE (1)
force	416	*	DIRECTION OF FORCE (2)
ford	307	12	Ford
forearm	819	18	R - Forearm
foreign	307	69	Other foreign
form	105	*	NUM GEN VEH FORMS SUBMIT
form	330	*	NUMBER OCCUPANT FORMS
forward	607	27	Side panel - forward of A (A1/A2)-pillar
forward	611	27	Side panel - forward of A (A1/A2)-pillar
forward	615	27	Side panel - forward of A (A1/A2)-pillar
forward	619	27	Side panel - forward of A (A1/A2)-pillar
forward	623	27	Side panel - forward of A (A1/A2)-pillar
forward	627	27	Side panel - forward of A (A1/A2)-pillar
forward	631	27	Side panel - forward of A (A1/A2)-pillar
forward	635	27	Side panel - forward of A (A1/A2)-pillar
forward	639	27	Side panel - forward of A (A1/A2)-pillar
forward	643	27	Side panel - forward of A (A1/A2)-pillar
forward	734	1	Forward facing seat
forward	738	2	Forward facing
found	361	1	Drug not found in specimen
found	363	1	Drug not found in specimen
found	365	1	Drug not found in specimen
found	367	1	Drug not found in specimen
found	369	1	Drug not found in specimen
found	371	1	Drug not found in specimen
found	373	1	Drug not found in specimen
found	375	1	Drug not found in specimen

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
fracture	820	6	F - Fracture
frame	607	16	Window frame
frame	611	16	Window frame
frame	615	16	Window frame
frame	619	16	Window frame
frame	623	16	Window frame
frame	627	16	Window frame
frame	631	16	Window frame
frame	635	16	Window frame
frame	639	16	Window frame
frame	643	16	Window frame
frame	815	25	Left side window glass or frame
freightliner	307	82	Freightliner/White Freightliner/White
friday	108	6	Friday
front	208	1	(F) Front
front	211	1	(F) Front
front	337	*	FRONT OVERRIDE/UNDERRIDE
front	352	*	FRONT/REAR WHEEL DRIVE
front	443	1	Vehicle exterior (front, side, back, top
front	606	11	Front row - left
front	607	19	Front seat back
front	610	11	Front row - left
front	611	19	Front seat back
front	614	11	Front row - left
front	615	19	Front seat back
front	618	11	Front row - left
front	619	19	Front seat back
front	622	11	Front row - left
front	623	19	Front seat back
front	626	11	Front row - left
front	627	19	Front seat back
front	630	11	Front row - left
front	631	19	Front seat back
front	634	11	Front row - left
front	635	19	Front seat back
front	638	11	Front row - left
front	639	19	Front seat back
front	642	11	Front row - left
front	643	19	Front seat back
front	712	11	Front seat - left side (driver's side)
front	713	3	Kneeling, standing or sitting in front o
front	715	2	Left front
front	815	14	Windshield +1 or more from: front header
fuel	443	3	Fuel tank (and other fuel retention syst
fuel	444	*	TYPE OF FUEL TANK
full	207	4	Full size (wheelbase => 278 but < 291 cm
full	210	4	Full size (wheelbase => 278 but < 291 cm
fullsize	309	15	Large utility (includes Jeep Cherokee,Ra
fullsize	355	15	Large utility (includes Jeep Cherokee,Ra
function	723	*	AIR BAG AVAIL/FUNCTION
fwd	307	83	FWD
gases	756	*	ARTERIAL BLOOD GASES
gases	815	93	Air bag exhaust gases
gate	507	*	DOOR/GATE/HATCH OPN - LF
gate	508	*	DOOR/GATE/HATCH OPN - RF
gate	509	*	DOOR/GATE/HATCH OPN - LR

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
gate	510	*	DOOR/GATE/HATCH OPN - RR
gate	511	*	DOOR/GATE/HATCH OPN - TG
gate	512	*	DOOR/GATE/HATCH DAM - LF
gate	513	*	DOOR/GATE/HATCH DAM - RF
gate	514	*	DOOR/GATE/HATCH DAM - LR
gate	515	*	DOOR/GATE/HATCH DAM - RR
gate	516	*	DOOR/GATE/HATCH DAM - TG
gcs	754	2	No GCS score at medical facility
general	105	*	NUM GEN VEH FORMS SUBMIT
general	208	*	GEN AREA OF DAMAGE (1)
general	211	*	GEN AREA OF DAMAGE (2)
general	303	3	General Vehicle record
general	307	3	AM General
gerry	736	119	Gerry Guard with Glide
glad	821	20	T - Thyroid, other endocrine gland
glasgow	754	*	GLASGOW COMA SCALE SCORE
glass	506	5	Roof glass
glass	533	4	AS-14 - Glass/plastic
glass	534	4	AS-14 - Glass/plastic
glass	535	4	AS-14 - Glass/plastic
glass	536	4	AS-14 - Glass/plastic
glass	537	4	AS-14 - Glass/plastic
glass	538	4	AS-14 - Glass/plastic
glass	539	4	AS-14 - Glass/plastic
glass	540	4	AS-14 - Glass/plastic
glass	815	25	Left side window glass or frame
glazing	517	*	IMPACT GLAZING DAM - WS
glazing	518	*	IMPACT GLAZING DAM - LF
glazing	519	*	IMPACT GLAZING DAM - RF
glazing	520	*	IMPACT GLAZING DAM - LR
glazing	521	*	IMPACT GLAZING DAM - RR
glazing	522	*	IMPACT GLAZING DAM - BL
glazing	523	*	IMPACT GLAZING DAM - RO
glazing	524	*	IMPACT GLAZING DAM - OT
glazing	525	*	CONTACT GLAZING DAM - WS
glazing	526	*	CONTACT GLAZING DAM - LF
glazing	527	*	CONTACT GLAZING DAM - RF
glazing	528	*	CONTACT GLAZING DAM - LR
glazing	529	*	CONTACT GLAZING DAM - RR
glazing	530	*	CONTACT GLAZING DAM - BL
glazing	531	*	CONTACT GLAZING DAM - RO
glazing	532	*	CONTACT GLAZING DAM - OT
glazing	533	*	TYPE OF GLAZING - WS
glazing	534	*	TYPE OF GLAZING - LF
glazing	535	*	TYPE OF GLAZING - RF
glazing	536	*	TYPE OF GLAZING - LR
glazing	537	*	TYPE OF GLAZING - RR
glazing	538	*	TYPE OF GLAZING - BL
glazing	539	*	TYPE OF GLAZING - RO
glazing	540	*	TYPE OF GLAZING - OT
glazing	541	0	No glazing contact and no damage, or no
glazing	542	0	No glazing contact and no damage, or no
glazing	543	0	No glazing contact and no damage, or no
glazing	544	0	No glazing contact and no damage, or no
glazing	545	0	No glazing contact and no damage, or no
glazing	546	0	No glazing contact and no damage, or no

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
glazing	547	0	No glazing contact and no damage, or no
glazing	548	0	No glazing contact and no damage, or no
glazing	716	3	Fixed glazing
glide	736	119	Gerry Guard with Glide
glove	652	*	GLOVE COMPART DOOR OPEN
glove	815	12	Glove compartment door
gm	736	101	GM Love Seat
gmc	307	23	GMC
gmc	309	16	Utility station wagon (Chevy Suburban,GM
gmc	355	16	Utility station wagon (Chevy Suburban,GM
grand	309	16	Utility station wagon (Chevy Suburban,GM
grand	355	16	Utility station wagon (Chevy Suburban,GM
ground	209	61	Ground
ground	381	61	Ground
ground	407	61	Ground
ground	415	61	Ground
ground	815	84	Ground
grumman	307	25	Grumman
gt	736	228	GT 100
guard	736	119	Gerry Guard with Glide
guardian	736	226	Gerry Guardian
guardrail	209	56	Other traffic barrier (includes guardrai
guardrail	381	56	Other traffic barrier (includes guardrai
guardrail	407	56	Other traffic barrier (includes guardrai
guardrail	415	56	Other traffic barrier (includes guardrai
gvwr	207	12	Large utility vehicle (< or = 4,500 kgs
gvwr	210	12	Large utility vehicle (< or = 4,500 kgs
gvwr	309	22	Step van or walk-in van (< 4,501 kgs GVW
gvwr	355	22	Step van or walk-in van (< 4,501 kgs GVW
hallucinogen	366	*	HALLUCINOGEN - DEC TEST
hallucinogen-specime	367	*	HALLUCINOGEN-SPECIMENTST
hand	713	7	Bracing with feet or hands on a surface
hand	819	23	W - Wrist - hand
handle	815	58	Parking brake handle
hardtop	309	2	2-door sedan, hardtop, coupe
hardtop	355	2	2-door sedan, hardtop, coupe
hardware	815	20	Left side interior surface (excluding ha
harley-davidson	307	72	Harley-Davidson
harness	739	*	CHILD SEAT HARNESS USE
harvester	307	84	International Harvester/Navistar
hatch	506	3	Door/hatch (back door)
hatch	507	*	DOOR/GATE/HATCH OPN - LF
hatch	508	*	DOOR/GATE/HATCH OPN - RF
hatch	509	*	DOOR/GATE/HATCH OPN - LR
hatch	510	*	DOOR/GATE/HATCH OPN - RR
hatch	511	*	DOOR/GATE/HATCH OPN - TG
hatch	512	*	DOOR/GATE/HATCH DAM - LF
hatch	513	*	DOOR/GATE/HATCH DAM - RF
hatch	514	*	DOOR/GATE/HATCH DAM - LR
hatch	515	*	DOOR/GATE/HATCH DAM - RR
hatch	516	*	DOOR/GATE/HATCH DAM - TG
hatch	716	1	Door/hatch/tailgate
hatchback	309	3	3-door/2-door hatchback
hatchback	355	3	3-door/2-door hatchback
hco3	756	96	ABGs reported, HCO3 unknown
head	732	*	HEAD RESTRAINT TYPE/DAM

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
head	809	1	Head
head	811	6	Head -LOC (Level of Consciousness)
head	815	44	Head restraint system
head	819	8	H - Head - skull
head-on	118	2	Head-on
header	607	15	Windshield header
header	611	15	Windshield header
header	615	15	Windshield header
header	619	15	Windshield header
header	623	15	Windshield header
header	627	15	Windshield header
header	631	15	Windshield header
header	635	15	Windshield header
header	639	15	Windshield header
header	643	15	Windshield header
header	815	14	Windshield +1 or more from: front header
heading	339	*	HEADING ANGLE - THIS VEH
heading	340	*	HEADING ANGLE - OTH VEH
healey	307	33	Austin/Austin Healey
hearse	309	11	Auto based panel (cargo station wagon, i
hearse	355	11	Auto based panel (cargo station wagon, i
hearse	378	7	Hearse
heart	821	8	H - Heart
heavy	309	65	Medium/heavy truck based motorhome
heavy	337	7	Medium or heavy truck override or underr
heavy	338	7	Medium or heavy truck override or underr
heavy	355	65	Medium/heavy truck based motorhome
height	709	*	HEIGHT
hi-cube	309	28	Other van type (Hi-Cube Van, Kary)
hi-cube	355	28	Other van type (Hi-Cube Van, Kary)
hi-lo	736	305	Travel Hi-Lo - Deluxe High Back
hi-rider	736	230	Hi-Rider XL - "7"
high	346	2	Collision fits model - results appear hi
high	736	305	Travel Hi-Lo - Deluxe High Back
higher	385	52	Traveling in same direction with higher
highest	335	0	Not collision (for highest delta V) with
highest	422	*	HIGHEST DELTA-V - "L"
highest	423	*	HIGHEST DELTA-V - "C1"
highest	424	*	HIGHEST DELTA-V - "C2"
highest	425	*	HIGHEST DELTA-V - "C3"
highest	426	*	HIGHEST DELTA-V - "C4"
highest	427	*	HIGHEST DELTA-V - "C5"
highest	428	*	HIGHEST DELTA-V - "C6"
highest	429	*	HIGHEST DELTA-V - "D"
highway	385	74	From entrance to limited access highway
hinge	512	3	Hinge failure due to damage
hinge	513	3	Hinge failure due to damage
hinge	514	3	Hinge failure due to damage
hinge	515	3	Hinge failure due to damage
hinge	516	3	Hinge failure due to damage
hip	819	16	P - Pelvis - hip
hispanic	377	3	White (Hispanic)
hitting	354	998	Not applicable (most severe impact not w
hitting	355	98	Not applicable (most severe impact not w
hole	385	5	Poor road conditions (puddle, pot hole,
holed	517	3	Glazing in place and holed from impact f

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
holed	518	3	Glazing in place and holed from impact f
holed	519	3	Glazing in place and holed from impact f
holed	520	3	Glazing in place and holed from impact f
holed	521	3	Glazing in place and holed from impact f
holed	522	3	Glazing in place and holed from impact f
holed	523	3	Glazing in place and holed from impact f
holed	524	3	Glazing in place and holed from impact f
holed	525	3	Glazing in place and holed by occupant c
holed	526	3	Glazing in place and holed by occupant c
holed	527	3	Glazing in place and holed by occupant c
holed	528	3	Glazing in place and holed by occupant c
holed	529	3	Glazing in place and holed by occupant c
holed	530	3	Glazing in place and holed by occupant c
holed	531	3	Glazing in place and holed by occupant c
holed	532	3	Glazing in place and holed by occupant c
honda	307	37	Honda
hood	385	4	Non-disabling vehicle problem (e.g. hood
hood	607	30	Hood
hood	611	30	Hood
hood	615	30	Hood
hood	619	30	Hood
hood	623	30	Hood
hood	627	30	Hood
hood	631	30	Hood
hood	635	30	Hood
hood	639	30	Hood
hood	643	30	Hood
hood	815	65	Hood
hospital	744	2	Hospital
hospital	745	*	HOSPITAL STAY
hospital	808	1	Autopsy records with or without hospital
hospitalization	111	3	Hospitalization
hospitalization	348	3	Hospitalization
hospitalized	743	3	Hospitalized
hospitalized	745	0	Not hospitalized
hour	747	1	Less than 1 and 1/2 hours from the time
hub	815	5	Steering wheel hub/spoke
hydrant	209	62	Fire hydrant
hydrant	381	62	Fire hydrant
hydrant	407	62	Fire hydrant
hydrant	415	62	Fire hydrant
hyundai	307	55	Hyundai
ice	385	5	Poor road conditions (puddle, pot hole,
impact	209	55	Impact attenuator
impact	326	0	No impact
impact	327	0	No impact
impact	339	998	Impact with object
impact	340	998	Impact with object
impact	354	998	Not applicable (most severe impact not w
impact	355	98	Not applicable (most severe impact not w
impact	381	55	Impact attenuator
impact	407	55	Impact attenuator
impact	415	55	Impact attenuator
impact	517	*	IMPACT GLAZING DAM - WS
impact	518	*	IMPACT GLAZING DAM - LF
impact	519	*	IMPACT GLAZING DAM - RF

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
impact	520	*	IMPACT GLAZING DAM - LR
impact	521	*	IMPACT GLAZING DAM - RR
impact	522	*	IMPACT GLAZING DAM - BL
impact	523	*	IMPACT GLAZING DAM - RO
impact	524	*	IMPACT GLAZING DAM - OT
impact	724	1	Air bag deployed during accident (as a r
impact	735	5	Deformed by occupant impact
imperial	307	8	Imperial
improper	721	8	Other improper use of manual belt system
improper	729	8	Other improper use of automatic belt sys
improperly	721	7	Lap belt or lap and shoulder belt used i
improperly	729	7	Automatic lap and shoulder belt or autom
in-transport	209	71	Motor vehicle not in-transport
in-transport	381	71	Motor vehicle not in-transport
in-transport	407	71	Motor vehicle not in-transport
in-transport	415	71	Motor vehicle not in-transport
inadvertently	724	2	Air bag deployed inadvertently just prio
incapacitating	742	3	A - incapacitating injury
indian	377	5	American Indian, Eskimo or Aleut
indicate	731	1	Police did not indicate restraint use
indicated	731	9	Police indicated "unknown"
indirect	817	*	DIRECT/INDIRECT INJURY
infant	736	102	Century Infant Car Seat (includes 560, 5
infant	737	1	Infant seat
inferior	810	8	Inferior
infiniti	307	58	Infiniti
inflation	116	*	RATIO INFLATION FACTOR
information	208	97	(blank) No information
information	211	97	(blank) No information
inhalant	372	*	INHALANT - DEC TEST
inhalant	373	*	INHALANT - SPECIMEN TEST
initial	383	*	DIRECTION OF INITIAL ROL
initiation	379	*	ROLLOVER INITIATION TYPE
initiation	380	*	LOCATION OF ROLLOVER INI
initiation	381	*	ROLLOVER INIT OBJ CONTAC
injured	112	0	Not injured
injured	114	*	NUM INJURED OCCUPANTS
injured	349	0	Not injured
injured	350	*	NUM SERIOUSLY INJURED
injured	351	*	NUMBER INJURED
injured	742	5	U - Injured - severity unknown
injured	746	62	Fatally injured
injured	751	97	Injured, details unknown
injured	752	0	Not injured
injured	753	0	Not injured
injured	754	0	Not injured
injured	756	0	Not injured
injured	814	7	Injured, unknown severity
injured	815	97	Injured, unknown source
injured	817	7	Injured, unknown source
injured	819	21	U - Injured - unknown region
injured	820	21	U - Injured - unknown lesion
injured	821	21	U - Injured - unknown system
injuries	748	96	Mode of death given but specific injurie
injuries	749	96	Mode of death given but specific injurie
injuries	750	96	Mode of death given but specific injurie

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
injuries	751	*	NUM RECORDED INJURIES
injuries	815	45	Air bag (use codes "16" and "17" for air
injury	112	1	Minor injury
injury	113	*	NUM SERIOUSLY INJ OCC
injury	209	35	Noncollision injury
injury	349	1	Minor injury
injury	407	35	Noncollision injury
injury	415	35	Noncollision injury
injury	742	*	INJURY SEVERITY
injury	752	1	Minor injury
injury	753	*	INJURY SEVERITY SCORE
injury	803	8	Occupant injury record
injury	807	*	INJURY NUMBER
injury	808	*	INJURY DATA SOURCE
injury	813	*	LEVEL OF INJURY
injury	814	1	Minor injury
injury	815	*	INJURY SOURCE
injury	817	*	DIRECT/INDIRECT INJURY
injury	818	0	No intrusion or injury not associated wi
inoperative	720	1	Inoperative
inoperative	726	4	Automatic belts destroyed or rendered in
inoperative	727	0	Not equipped/not available/destroyed or
inspection	347	*	TYPE OF VEH INSPECTION
instrument	443	6	Instrument panel
instrument	607	2	Instrument panel left
instrument	611	2	Instrument panel left
instrument	615	2	Instrument panel left
instrument	619	2	Instrument panel left
instrument	623	2	Instrument panel left
instrument	627	2	Instrument panel left
instrument	631	2	Instrument panel left
instrument	635	2	Instrument panel left
instrument	639	2	Instrument panel left
instrument	643	2	Instrument panel left
instrument	650	*	INSTRUMENT PANEL DAMAGE
instrument	815	9	Left instrument panel and below
integral	716	5	Integral structure
integral	717	3	Integral structure
integral	732	1	Integral - no damage
integrity	506	*	PASS COMPART INTEGRITY
integumentary	821	9	I - Integumentary
intended	385	68	From crossing street - intended path not
intercity	309	58	Other bus type (e.g., transit, intercity
intercity	355	58	Other bus type (e.g., transit, intercity
interior	503	5	Interior Damage "A" record
interior	603	6	Interior Damage "B" record
interior	607	26	Other interior component
interior	611	26	Other interior component
interior	615	26	Other interior component
interior	619	26	Other interior component
interior	623	26	Other interior component
interior	627	26	Other interior component
interior	631	26	Other interior component
interior	635	26	Other interior component
interior	639	26	Other interior component
interior	643	26	Other interior component

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
interior	815	20	Left side interior surface (excluding ha
intermediate	207	3	Intermediate (wheelbase => 265 but < 278
intermediate	210	3	Intermediate (wheelbase => 265 but < 278
international	307	84	International Harvester/Navistar
intersection	385	15	Turning left at intersection
interviewee	808	7	Interviewee
intra-unit	408	13	Intra-unit force (TDC only)
intra-unit	416	13	Intra-unit force (TDC only)
intraunit	209	34	Other intraunit damage
intraunit	407	34	Other intraunit damage
intraunit	415	34	Other intraunit damage
intruding	607	*	INTRUDING COMPONENT (1)
intruding	611	*	INTRUDING COMPONENT (2)
intruding	615	*	INTRUDING COMPONENT (3)
intruding	619	*	INTRUDING COMPONENT (4)
intruding	623	*	INTRUDING COMPONENT (5)
intruding	627	*	INTRUDING COMPONENT (6)
intruding	631	*	INTRUDING COMPONENT (7)
intruding	635	*	INTRUDING COMPONENT (8)
intruding	639	*	INTRUDING COMPONENT (9)
intruding	643	*	INTRUDING COMPONENT (10)
intrusion	606	*	INTRUSION LOCATION (1)
intrusion	607	96	No Intrusion
intrusion	608	*	INTRUSION MAGNITUDE (1)
intrusion	609	8	No Intrusion
intrusion	610	*	INTRUSION LOCATION (2)
intrusion	611	96	No Intrusion
intrusion	612	*	INTRUSION MAGNITUDE (2)
intrusion	613	8	No Intrusion
intrusion	614	*	INTRUSION LOCATION (3)
intrusion	615	96	No Intrusion
intrusion	616	*	INTRUSION MAGNITUDE (3)
intrusion	617	8	No Intrusion
intrusion	618	*	INTRUSION LOCATION (4)
intrusion	619	96	No Intrusion
intrusion	620	*	INTRUSION MAGNITUDE (4)
intrusion	621	8	No Intrusion
intrusion	622	*	INTRUSION LOCATION (5)
intrusion	623	96	No Intrusion
intrusion	624	*	INTRUSION MAGNITUDE (5)
intrusion	625	8	No Intrusion
intrusion	626	*	INTRUSION LOCATION (6)
intrusion	627	96	No Intrusion
intrusion	628	*	INTRUSION MAGNITUDE (6)
intrusion	629	8	No Intrusion
intrusion	630	*	INTRUSION LOCATION (7)
intrusion	631	96	No Intrusion
intrusion	632	*	INTRUSION MAGNITUDE (7)
intrusion	633	8	No Intrusion
intrusion	634	*	INTRUSION LOCATION (8)
intrusion	635	96	No Intrusion
intrusion	636	*	INTRUSION MAGNITUDE (8)
intrusion	637	8	No Intrusion
intrusion	638	*	INTRUSION LOCATION (9)
intrusion	639	96	No Intrusion
intrusion	640	*	INTRUSION MAGNITUDE (9)

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
intrusion	641	8	No Intrusion
intrusion	642	*	INTRUSION LOCATION (10)
intrusion	643	96	No Intrusion
intrusion	644	*	INTRUSION MAGNITUDE (10)
intrusion	645	8	No Intrusion
intrusion	735	6	Deformed by passenger compartment intrus
intrusion	818	*	INTRUSION NUMBER
involvement	115	*	ALCOHOL INVOLVEMENT
involvement	117	*	DRUG INVOLVEMENT
inward	734	3	Side facing seat (inward)
islander	377	6	Asian or Pacific Islander
iss	753	1	ISS 1
isuzu	307	38	Isuzu
itself	354	998	Not applicable (most severe impact not w
itself	355	98	Not applicable (most severe impact not w
iveco	307	88	Iveco/Magirus
jackknife	209	33	Jackknife
jackknife	381	33	Jackknife
jackknife	407	33	Jackknife
jackknife	415	33	Jackknife
jaguar	307	39	Jaguar
jammed	507	3	Door/gate/hatch jammed shut
jammed	508	3	Door/gate/hatch jammed shut
jammed	509	3	Door/gate/hatch jammed shut
jammed	510	3	Door/gate/hatch jammed shut
jammed	511	3	Door/gate/hatch jammed shut
january	106	1	January
jeep	307	2	Jeep (includes AMC-Jeep, Kaiser)
jeep	309	14	Compact utility (includes Jeep CJ-2 thru
jeep	355	14	Compact utility (includes Jeep CJ-2 thru
joint	811	5	Skeletal (includes joints)
joint	821	10	J - Joints
joules	345	0	Less than 50 joules
joy	736	115	Joy Ride
july	106	7	July
june	106	6	June
kaiser	307	2	Jeep (includes AMC-Jeep, Kaiser)
kantwet	736	236	Kantwet Care Seat
kary	309	28	Other van type (Hi-Cube Van, Kary)
kary	355	28	Other van type (Hi-Cube Van, Kary)
kawasaki	307	73	Kawasaki
kenworth	307	85	Kenworth
kickpanel	607	11	Side panel/kickpanel
kickpanel	611	11	Side panel/kickpanel
kickpanel	615	11	Side panel/kickpanel
kickpanel	619	11	Side panel/kickpanel
kickpanel	623	11	Side panel/kickpanel
kickpanel	627	11	Side panel/kickpanel
kickpanel	631	11	Side panel/kickpanel
kickpanel	635	11	Side panel/kickpanel
kickpanel	639	11	Side panel/kickpanel
kickpanel	643	11	Side panel/kickpanel
kidney	821	11	K - Kidneys
kidster	736	410	Kidster
kiwi	736	254	Prodigy Kiwi
knee	651	*	KNEE BOLSTERS DEFORMED

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
knee	815	13	Knee bolster
knee	819	11	K - Knee
kneeling	713	1	Kneeling or standing on seat
kph	322	*	TRAVEL SPEED (KPH)
kph	325	*	SPEED LIMIT (KPH)
kph	342	0	Less than 0.5 KPH
lab	808	3	Emergency room records only (including a
laceration	820	12	L - Laceration
laminated	533	1	AS-1 - Laminated
laminated	534	1	AS-1 - Laminated
laminated	535	1	AS-1 - Laminated
laminated	536	1	AS-1 - Laminated
laminated	537	1	AS-1 - Laminated
laminated	538	1	AS-1 - Laminated
laminated	539	1	AS-1 - Laminated
laminated	540	1	AS-1 - Laminated
lancia	307	40	Lancia
lane	384	2	Slowing or stopping in traffic lane
lane	385	10	Over the lane line on left side of trave
lane	387	1	Vehicle stayed in travel lane where avoi
lap	712	15	Front seat - on/in lap of another occupa
lap	719	3	Lap belt
lap	720	3	Lap belt
lap	721	6	Lap belt worn on abdomen
lap	729	6	Lap portion of automatic belt worn on ab
lap	731	3	Lap belt
large	207	12	Large utility vehicle (< or = 4,500 kgs
large	210	12	Large utility vehicle (< or = 4,500 kgs
large	309	12	Large limousine - more than four side do
large	355	12	Large limousine - more than four side do
largest	207	5	Largest (wheelbase > or = 291 cm)
largest	210	5	Largest (wheelbase > or = 291 cm)
latch	512	2	Latch/striker failure due to damage
latch	513	2	Latch/striker failure due to damage
latch	514	2	Latch/striker failure due to damage
latch	515	2	Latch/striker failure due to damage
latch	516	2	Latch/striker failure due to damage
latchplate	722	3	Broken buckle or latchplate
later	111	6	Treatment later
later	348	6	Treatment later
later	743	6	Treatment later
later	744	5	Treatment later at medical facility
lateral	344	*	LAT COMPONENT DELTA-V
lateral	383	5	End-over-end (i.e., primarily about late
lateral	410	*	LONG/LAT LOCATION (1)
lateral	411	*	VERT/LAT LOCATION (1)
lateral	418	*	LONG/LAT LOCATION (2)
lateral	419	*	VERT/LAT LOCATION (2)
lateral	609	3	Lateral
lateral	613	3	Lateral
lateral	617	3	Lateral
lateral	621	3	Lateral
lateral	625	3	Lateral
lateral	629	3	Lateral
lateral	633	3	Lateral
lateral	637	3	Lateral

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
lateral	641	3	Lateral
lateral	645	3	Lateral
laterally	386	3	Skidding laterally - clockwise rotation
lay	808	5	Lay coroner report
least	341	4	At least one vehicle is beyond the scope
leaving	384	7	Leaving a parked position
left	208	3	(L) Left Side
left	211	3	(L) Left Side
left	326	6	Steering left
left	383	2	Roll left - primarily about longitudinal
left	384	10	Turning left
left	385	10	Over the lane line on left side of trave
left	387	2	Vehicle stayed on roadway but left trave
left	507	*	DOOR/GATE/HATCH OPN - LF
left	512	*	DOOR/GATE/HATCH DAM - LF
left	518	*	IMPACT GLAZING DAM - LF
left	526	*	CONTACT GLAZING DAM - LF
left	534	*	TYPE OF GLAZING - LF
left	542	*	WIN PRECRASH STAT - LF
left	606	11	Front row - left
left	607	2	Instrument panel left
left	610	11	Front row - left
left	611	2	Instrument panel left
left	614	11	Front row - left
left	615	2	Instrument panel left
left	618	11	Front row - left
left	619	2	Instrument panel left
left	622	11	Front row - left
left	623	2	Instrument panel left
left	626	11	Front row - left
left	627	2	Instrument panel left
left	630	11	Front row - left
left	631	2	Instrument panel left
left	634	11	Front row - left
left	635	2	Instrument panel left
left	638	11	Front row - left
left	639	2	Instrument panel left
left	642	11	Front row - left
left	643	2	Instrument panel left
left	648	7	Left half of rim/spoke
left	712	11	Front seat - left side (driver's side)
left	715	2	Left front
left	810	2	Left
left	815	9	Left instrument panel and below
leg	819	12	L - Leg (lower)
length	353	*	VIN LENGTH
lesion	820	*	OIC - LESION
level	811	6	Head -LOC (Level of Consciousness)
level	813	*	LEVEL OF INJURY
level	816	*	CONFIDENCE LEVEL
lever	815	7	Steering column, transmission, selector
lexus	307	59	Lexus
ligaments	811	4	Organs (includes muscles/ligaments)
light	207	19	Unknown light truck type
light	210	19	Unknown light truck type
light	309	39	Unknown (pickup style) light conventiona

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
light	355	39	Unknown (pickup style) light conventiona
limb	819	24	X - Upper limb(s) (whole or unknown part
limit	325	*	SPEED LIMIT (KPH)
limited	385	74	From entrance to limited access highway
limousine	309	12	Large limousine - more than four side do
limousine	355	12	Large limousine - more than four side do
lincoln	307	13	Lincoln
line	385	10	Over the lane line on left side of trave
lite	736	223	Bobby Mac - Deluxe II, Champion, Super,
little	736	227	Little Trav'ler - 310, 315
liver	821	12	L - Liver
location	380	*	LOCATION OF ROLLOVER INI
location	382	5	Other location on vehicle
location	385	82	Pedestrian - unknown location
location	409	*	DEFORMATION LOCATION (1)
location	410	*	LONG/LAT LOCATION (1)
location	411	*	VERT/LAT LOCATION (1)
location	417	*	DEFORMATION LOCATION (2)
location	418	*	LONG/LAT LOCATION (2)
location	419	*	VERT/LAT LOCATION (2)
location	443	8	Other location
location	606	*	INTRUSION LOCATION (1)
location	610	*	INTRUSION LOCATION (2)
location	614	*	INTRUSION LOCATION (3)
location	618	*	INTRUSION LOCATION (4)
location	622	*	INTRUSION LOCATION (5)
location	626	*	INTRUSION LOCATION (6)
location	630	*	INTRUSION LOCATION (7)
location	634	*	INTRUSION LOCATION (8)
location	638	*	INTRUSION LOCATION (9)
location	642	*	INTRUSION LOCATION (10)
location	648	*	RIM/SPOKE DEF LOCATION
locks	735	3	Seat back folding locks or "seat back" f
lockup	326	2	Braking (no lockup)
longitudinal	343	*	LONG COMPONENT DELTA-V
longitudinal	383	1	Roll right - primarily about longitudina
longitudinal	410	*	LONG/LAT LOCATION (1)
longitudinal	418	*	LONG/LAT LOCATION (2)
longitudinal	609	2	Longitudinal
longitudinal	613	2	Longitudinal
longitudinal	617	2	Longitudinal
longitudinal	621	2	Longitudinal
longitudinal	625	2	Longitudinal
longitudinal	629	2	Longitudinal
longitudinal	633	2	Longitudinal
longitudinal	637	2	Longitudinal
longitudinal	641	2	Longitudinal
longitudinal	645	2	Longitudinal
longitudinally	386	2	Skidding longitudinally - rotation less
look	713	4	Sitting sideways or turned to talk with
loose	815	47	Interior loose objects
loss-of-control	386	7	Other vehicle loss-of-control
love	736	101	GM Love Seat
low	346	3	Collision fits model - results appear lo
lower	385	51	Traveling in same direction with lower s
lower	648	6	Lower half of rim/spoke

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
lower	809	8	Lower Extremity
lower	819	12	L - Leg (lower)
lung	821	16	P - Pulmonary - lungs
lying	713	2	Lying on or across seat
mac	736	223	Bobby Mac - Deluxe II, Champion, Super,
mack	307	86	Mack
magirus	307	88	Iveco/Magirus
magnitude	608	*	INTRUSION MAGNITUDE (1)
magnitude	612	*	INTRUSION MAGNITUDE (2)
magnitude	616	*	INTRUSION MAGNITUDE (3)
magnitude	620	*	INTRUSION MAGNITUDE (4)
magnitude	624	*	INTRUSION MAGNITUDE (5)
magnitude	628	*	INTRUSION MAGNITUDE (6)
magnitude	632	*	INTRUSION MAGNITUDE (7)
magnitude	636	*	INTRUSION MAGNITUDE (8)
magnitude	640	*	INTRUSION MAGNITUDE (9)
magnitude	644	*	INTRUSION MAGNITUDE (10)
major	442	2	Major
make	307	*	VEHICLE MAKE
make	308	*	MAKE/MODEL
make	736	*	CHILD SEAT MAKE/MODEL
male	708	1	Male
maneuver	326	*	ATTEMPTED AVOID MANEUVER
maneuver	384	16	Successful avoidance maneuver to a previ
maneuver	386	0	No avoidance maneuver
maneuver	387	*	CONSEQUENC OF AVOID MANU
manner	118	*	MANNER OF COLLISION
manual	719	*	MANUAL BELT AVAILABILITY
manual	720	*	MANUAL BELT USE
manual	721	*	MANUAL BELT PROPER USE
manual	722	*	MANUAL BELT FAILURE
manually	727	2	Automatic belt not in use (manually disc
manufacturer	441	0	No post manufacturer modifications
march	106	3	March
market	739	1	After market harness added, not used
market	740	1	After market shield added, not used
market	741	1	After market tether added, not used
maximum	111	*	MAXIMUM TREATMENT
maximum	112	*	MAXIMUM KNOWN AIS
maximum	348	*	MAXIMUM TREATMENT
maximum	349	*	MAXIMUM KNOWN AIS
maximum	752	*	MAXIMUM KNOWN AIS
maximum	753	75	Maximum ISS
maximum	814	6	Maximum (untreatable)
may	106	5	May
mazda	307	41	Mazda
measured	647	98	Observed deformation cannot be measured
measured	756	1	Injured - ABGs not measured or reported
med	748	*	CAUSE OF DEATH - MED REP
med	749	*	CAUSE OF DEATH - MED REP
med	750	*	CAUSE OF DEATH - MED REP
median	380	4	On roadside or divided trafficway median
medical	744	*	TYPE OF MEDICAL FACILITY
medical	754	1	Injured - not treated at medical facilit
medical	808	1	Autopsy records with or without hospital
medium	309	65	Medium/heavy truck based motorhome

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
medium	337	7	Medium or heavy truck override or underr
medium	338	7	Medium or heavy truck override or underr
medium	355	65	Medium/heavy truck based motorhome
medium	716	*	EJECTION MEDIUM
medium	717	*	MEDIUM STATUS
mercedes	307	42	Mercedes Benz
mercury	307	14	Mercury
merging	384	15	Merging
merkur	307	56	Merkur
metallic	444	1	Metallic
mg	307	43	MG
middle	606	12	Front row - middle
middle	610	12	Front row - middle
middle	614	12	Front row - middle
middle	618	12	Front row - middle
middle	622	12	Front row - middle
middle	626	12	Front row - middle
middle	630	12	Front row - middle
middle	634	12	Front row - middle
middle	638	12	Front row - middle
middle	642	12	Front row - middle
middle	712	12	Front seat - middle
midnight	109	2400	Midnight
military	378	4	Military
mini	207	1	Subcompact/mini (wheelbase < 254 cm)
mini	210	1	Subcompact/mini (wheelbase < 254 cm)
minibike	309	88	Other motored cycle type (minibike, moto
minibike	355	88	Other motored cycle type (minibike, moto
minivan	309	20	Minivan (Astro, Caravan, Plymouth Vista,
minivan	355	20	Minivan (Astro, Caravan, Plymouth Vista,
minor	112	1	Minor injury
minor	349	1	Minor injury
minor	442	1	Minor
minor	752	1	Minor injury
minor	814	1	Minor injury
mirror	815	2	Mirror
mitsubishi	307	52	Mitsubishi
mode	748	96	Mode of death given but specific injurie
mode	749	96	Mode of death given but specific injurie
mode	750	96	Mode of death given but specific injurie
model	306	*	MODEL YEAR
model	308	*	MAKE/MODEL
model	346	1	Collision fits model - results appear re
model	736	*	CHILD SEAT MAKE/MODEL
moderate	112	2	Moderate injury
moderate	349	2	Moderate injury
moderate	752	2	Moderate injury
moderate	814	2	Moderate injury
modes	730	*	AUTO BELT FAILURE MODES
modifications	441	0	No post manufacturer modifications
modified	441	9	Unknown if vehicle is modified
modified	736	405	Modified E-Z-On Vest
monday	108	2	Monday
month	106	*	ACCIDENT MONTH
moped	307	78	Other make moped
moped	309	81	Moped (motorized bicycle)

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
moped	355	81	Moped (motorized bicycle)
mortality	743	*	TREATMENT/MORTALITY
moto-guzzi	307	74	Moto-Guzzi
motor	207	0	Not a motor vehicle
motor	208	0	(0) Not a motor vehicle
motor	209	71	Motor vehicle not in-transport
motor	210	0	Not a motor vehicle
motor	211	0	(0) Not a motor vehicle
motor	307	1	American Motors
motor	381	71	Motor vehicle not in-transport
motor	385	59	Unknown travel direction of other motor
motor	407	71	Motor vehicle not in-transport
motor	415	71	Motor vehicle not in-transport
motorcycle	309	80	Motorcycle
motorcycle	355	80	Motorcycle
motored	207	25	Motored cycle
motored	210	25	Motored cycle
motored	307	79	Other motored cycle
motored	309	88	Other motored cycle type (minibike, moto
motored	355	88	Other motored cycle type (minibike, moto
motorhome	309	23	Van based motorhome (< 4,501 kgs GVWR)
motorhome	355	23	Van based motorhome (< 4,501 kgs GVWR)
motorized	309	81	Moped (motorized bicycle)
motorized	355	81	Moped (motorized bicycle)
motorized	727	2	Automatic belt not in use (manually disc
motorized	728	2	Motorized system
motorscooter	309	88	Other motored cycle type (minibike, moto
motorscooter	355	88	Other motored cycle type (minibike, moto
mounted	309	42	Light truck based motorhome (chassis mou
mounted	355	42	Light truck based motorhome (chassis mou
mounted	733	10	Box mounted seat (i.e., van type)
movement	384	*	PRE-EVENT MOVEMENT
multi-stage	441	*	MULTI-STAGE VEHICLE
muscle	811	4	Organs (includes muscles/ligaments)
muscle	821	13	M - Muscles
narcotic	360	*	NARCOTIC - DEC RESULTS
narcotic	361	*	NARCOTIC - SPECIMEN TEST
navajo	309	14	Compact utility (includes Jeep CJ-2 thru
navajo	355	14	Compact utility (includes Jeep CJ-2 thru
navistar	307	84	International Harvester/Navistar
neck	809	3	Neck
neck	819	14	N - Neck - cervical spine
negotiating	384	13	Negotiating a curve
nerves	811	3	Nerves
nervous	821	14	N - Nervous system
nissan	307	35	Nissan/Datsun
nissan	736	234	Nissan Safety Seat - Infant/Child
no automatic belt fa	730	1	No automatic belt failure(s)
non-collision	208	96	(N) Non-collision
non-collision	211	96	(N) Non-collision
non-contact	382	8	Non-contact rollover forces
non-disabling	385	4	Non-disabling vehicle problem (e.g. hood
non-hispanic	377	1	White (non-Hispanic)
non-metallic	444	2	Non-Metallic
non-motorized	728	1	Non-motorized system
nonautomated	337	3	Other nonautomated CDC

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
nonautomated	338	3	Other nonautomated CDC
noncoded	818	97	Injury associated with a noncoded intrus
noncollision	209	35	Noncollision injury
noncollision	339	997	Noncollision
noncollision	340	997	Noncollision
noncollision	407	35	Noncollision injury
noncollision	415	35	Noncollision injury
noncollision	724	6	Airbag deployed, a result of a noncollis
noncontact	815	92	Other noncontact injury source
noncontact	817	3	Noncontact injury
nondeployed	724	4	Nondeployed
nonfixed	209	88	Other nonfixed object
nonfixed	381	88	Other nonfixed object
nonfixed	407	88	Other nonfixed object
nonfixed	415	88	Other nonfixed object
nonfixed	716	2	Nonfixed roof structure
nonhorizontal	408	0	Nonhorizontal force
nonhorizontal	416	0	Nonhorizontal force
nonincapacitating	742	2	B - nonincapacitating injury
nonmotorist	209	74	Other nonmotorist or conveyance
nonmotorist	385	83	Pedalcyclist or other nonmotorist in roa
nonmotorist	407	74	Other nonmotorist or conveyance
nonmotorist	415	74	Other nonmotorist or conveyance
nontransported	743	5	Treatment at scene - nontransported
normal	713	0	Normal posture
norton	307	75	Norton
not equipped/not ava	730	0	Not equipped/not available/not in use
november	106	11	November
number	101	*	PSU NUMBER
number	102	*	CASE NUMBER
number	103	*	RECORD NUMBER
number	104	*	VERSION NUMBER
number	105	*	NUM GEN VEH FORMS SUBMIT
number	110	*	NUM EVENTS RECORDED
number	113	*	NUM SERIOUSLY INJ OCC
number	114	*	NUM INJURED OCCUPANTS
number	201	*	PSU NUMBER
number	202	*	CASE NUMBER
number	203	*	RECORD NUMBER
number	204	*	VERSION NUMBER
number	205	*	EVENT SEQUENCE NUMBER
number	206	*	VEHICLE NUMBER (1)
number	209	*	VEH NUM (2)/OBJ CONTACT
number	301	*	PSU NUMBER
number	302	*	CASE NUMBER
number	303	*	RECORD NUMBER
number	304	*	VERSION NUMBER
number	305	*	VEHICLE NUMBER
number	309	7	Hatchback, number of doors unknown
number	329	*	NUMBER OF OCCUPANTS
number	330	*	NUMBER OCCUPANT FORMS
number	350	*	NUM SERIOUSLY INJURED
number	351	*	NUMBER INJURED
number	355	7	Hatchback, number of doors unknown
number	381	1	Vehicle Number 1
number	401	*	PSU NUMBER

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
number	402	*	CASE NUMBER
number	403	*	RECORD NUMBER
number	404	*	VERSION NUMBER
number	405	*	VEHICLE NUMBER
number	501	*	PSU NUMBER
number	502	*	CASE NUMBER
number	503	*	RECORD NUMBER
number	504	*	VERSION NUMBER
number	505	*	VEHICLE NUMBER
number	601	*	PSU NUMBER
number	602	*	CASE NUMBER
number	603	*	RECORD NUMBER
number	604	*	VERSION NUMBER
number	605	*	VEHICLE NUMBER
number	701	*	PSU NUMBER
number	702	*	CASE NUMBER
number	703	*	RECORD NUMBER
number	704	*	VERSION NUMBER
number	705	*	VEHICLE NUMBER
number	706	*	OCCUPANT NUMBER
number	751	*	NUM RECORDED INJURIES
number	801	*	PSU NUMBER
number	802	*	CASE NUMBER
number	803	*	RECORD NUMBER
number	804	*	VERSION NUMBER
number	805	*	VEHICLE NUMBER
number	806	*	OCCUPANT NUMBER
number	807	*	INJURY NUMBER
number	818	*	INTRUSION NUMBER
o'clock	408	1	1 o'clock
o'clock	416	1	1 o'clock
object	209	*	VEH NUM (2)/OBJ CONTACT
object	339	998	Impact with object
object	340	998	Impact with object
object	381	*	ROLLOVER INIT OBJ CONTAC
object	385	90	Object in roadway
object	407	*	OBJECT CONTACTED (1)
object	415	*	OBJECT CONTACTED (2)
object	607	32	Other exterior object in the environment
object	611	32	Other exterior object in the environment
object	615	32	Other exterior object in the environment
object	619	32	Other exterior object in the environment
object	623	32	Other exterior object in the environment
object	627	32	Other exterior object in the environment
object	631	32	Other exterior object in the environment
object	635	32	Other exterior object in the environment
object	639	32	Other exterior object in the environment
object	643	32	Other exterior object in the environment
object	815	18	Windshield reinforced by exterior object
observed	647	98	Observed deformation cannot be measured
obtained	361	7	Specimen test given, results unknown or
obtained	363	7	Specimen test given, results unknown or
obtained	365	7	Specimen test given, results unknown or
obtained	367	7	Specimen test given, results unknown or
obtained	369	7	Specimen test given, results unknown or
obtained	371	7	Specimen test given, results unknown or

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
obtained	373	7	Specimen test given, results unknown or
obtained	375	7	Specimen test given, results unknown or
occupant	113	*	NUM SERIOUSLY INJ OCC
occupant	114	*	NUM INJURED OCCUPANTS
occupant	209	75	Vehicle occupant
occupant	329	*	NUMBER OF OCCUPANTS
occupant	330	*	NUMBER OCCUPANT FORMS
occupant	407	75	Vehicle occupant
occupant	415	75	Vehicle occupant
occupant	525	0	No occupant contact to glazing or no gla
occupant	526	0	No occupant contact to glazing or no gla
occupant	527	0	No occupant contact to glazing or no gla
occupant	528	0	No occupant contact to glazing or no gla
occupant	529	0	No occupant contact to glazing or no gla
occupant	530	0	No occupant contact to glazing or no gla
occupant	531	0	No occupant contact to glazing or no gla
occupant	532	0	No occupant contact to glazing or no gla
occupant	703	7	Occupant assessment record
occupant	706	*	OCCUPANT NUMBER
occupant	712	15	Front seat - on/in lap of another occupa
occupant	713	4	Sitting sideways or turned to talk with
occupant	733	0	Occupant not seated or no seat
occupant	734	0	Occupant not seated or no seat
occupant	735	0	Occupant not seated or no seat
occupant	755	*	WAS OCCUPANT GIVEN BLOOD
occupant	803	8	Occupant injury record
occupant	806	*	OCCUPANT NUMBER
occupant	815	46	Other occupants
occurrence	442	*	FIRE OCCURRENCE
october	106	10	October
odometer	649	*	ODOMETER READING
office	744	4	Physician's office
oic	809	*	OIC - BODY REGION
oic	810	*	OIC - ASPECT
oic	819	*	OIC - BODY REGION
oic	820	*	OIC - LESION
oic	821	*	OIC - SYSTEM ORGAN
older	707	97	97 years or older
oldsmobile	307	21	Oldsmobile
one-step	736	224	One-Step
open	507	*	DOOR/GATE/HATCH OPN - LF
open	508	*	DOOR/GATE/HATCH OPN - RF
open	509	*	DOOR/GATE/HATCH OPN - LR
open	510	*	DOOR/GATE/HATCH OPN - RR
open	511	*	DOOR/GATE/HATCH OPN - TG
open	652	*	GLOVE COMPART DOOR OPEN
open	717	1	Open
opened	512	0	No door/gate/hatch or door not opened
opened	513	0	No door/gate/hatch or door not opened
opened	514	0	No door/gate/hatch or door not opened
opened	515	0	No door/gate/hatch or door not opened
opened	516	0	No door/gate/hatch or door not opened
opened	541	3	Partially opened
opened	542	3	Partially opened
opened	543	3	Partially opened
opened	544	3	Partially opened

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
opened	545	3	Partially opened
opened	546	3	Partially opened
opened	547	3	Partially opened
opened	548	3	Partially opened
operational	507	1	Door/gate/hatch remained closed and oper
operational	508	1	Door/gate/hatch remained closed and oper
operational	509	1	Door/gate/hatch remained closed and oper
operational	510	1	Door/gate/hatch remained closed and oper
operational	511	1	Door/gate/hatch remained closed and oper
operational	512	1	Door operational (no damage)
operational	513	1	Door operational (no damage)
operational	514	1	Door operational (no damage)
operational	515	1	Door operational (no damage)
operational	516	1	Door operational (no damage)
opposite	118	6	Sideswipe, opposite direction
opposite	385	53	Traveling in opposite direction
or=	407	41	Tree (<or= 10 cm diameter)
or=	415	41	Tree (<or= 10 cm in diameter)
organ	821	*	OIC - SYSTEM ORGAN
organs	811	4	Organs (includes muscles/ligaments)
orientation	734	*	SEAT ORIENTATION
orientation	738	*	CHILD SEAT ORIENTATION
origin	443	*	ORIGIN OF FIRE
original	440	*	ORIGINAL WHEELBASE
ornament	815	74	Hood ornament
orthopedic	736	409	Columbia Orthopedic Seat
other anchorage sepa	730	5	Other anchorage separated
other automatic belt	730	8	Other automatic belt failure
out-of-place	517	4	Glazing out-of-place (cracked or not) an
out-of-place	518	4	Glazing out-of-place (cracked or not) an
out-of-place	519	4	Glazing out-of-place (cracked or not) an
out-of-place	520	4	Glazing out-of-place (cracked or not) an
out-of-place	521	4	Glazing out-of-place (cracked or not) an
out-of-place	522	4	Glazing out-of-place (cracked or not) an
out-of-place	523	4	Glazing out-of-place (cracked or not) an
out-of-place	524	4	Glazing out-of-place (cracked or not) an
out-of-place	525	4	Glazing out-of-place (cracked or not) by
out-of-place	526	4	Glazing out-of-place (cracked or not) by
out-of-place	527	4	Glazing out-of-place (cracked or not) by
out-of-place	528	4	Glazing out-of-place (cracked or not) by
out-of-place	529	4	Glazing out-of-place (cracked or not) by
out-of-place	530	4	Glazing out-of-place (cracked or not) by
out-of-place	531	4	Glazing out-of-place (cracked or not) by
out-of-place	532	4	Glazing out-of-place (cracked or not) by
outside	607	31	Outside surface of this vehicle
outside	611	31	Outside surface of this vehicle
outside	615	31	Outside surface of this vehicle
outside	619	31	Outside surface of this vehicle
outside	623	31	Outside surface of this vehicle
outside	627	31	Outside surface of this vehicle
outside	631	31	Outside surface of this vehicle
outside	635	31	Outside surface of this vehicle
outside	639	31	Outside surface of this vehicle
outside	643	31	Outside surface of this vehicle
outside	815	66	Outside hardware (outside mirror, antenn
outward	734	4	Side facing seat (outward)

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
override	337	*	FRONT OVERRIDE/UNDERRIDE
override	338	*	REAR OVERRIDE/UNDERRIDE
overtaking	384	5	Passing or overtaking another vehicle
overturn	209	31	Overturn - rollover
overturn	336	9	Rollover (overturn) - details unknown
overturn	407	31	Overturn - rollover
overturn	415	31	Overturn - rollover
overturning	336	0	No rollover (no overturning)
pacific	377	6	Asian or Pacific Islander
pan	607	5	Toe pan
pan	611	5	Toe pan
pan	615	5	Toe pan
pan	619	5	Toe pan
pan	623	5	Toe pan
pan	627	5	Toe pan
pan	631	5	Toe pan
pan	635	5	Toe pan
pan	639	5	Toe pan
pan	643	5	Toe pan
pan	815	56	Floor including toe pan
panel	309	11	Auto based panel (cargo station wagon, i
panel	355	11	Auto based panel (cargo station wagon, i
panel	443	6	Instrument panel
panel	607	2	Instrument panel left
panel	611	2	Instrument panel left
panel	615	2	Instrument panel left
panel	619	2	Instrument panel left
panel	623	2	Instrument panel left
panel	627	2	Instrument panel left
panel	631	2	Instrument panel left
panel	635	2	Instrument panel left
panel	639	2	Instrument panel left
panel	643	2	Instrument panel left
panel	650	*	INSTRUMENT PANEL DAMAGE
panel	815	9	Left instrument panel and below
par	731	*	PAR RESTRAINT USE
parked	384	6	Disabled or parked in travel lane
parking	384	12	Backing up (other than for parking posit
parking	385	64	From parking lane
parking	815	58	Parking brake handle
part	819	24	X - Upper limb(s) (whole or unknown part
partial	347	2	Partial inspection
partial	714	2	Partial ejection
partially	541	3	Partially opened
partially	542	3	Partially opened
partially	543	3	Partially opened
partially	544	3	Partially opened
partially	545	3	Partially opened
partially	546	3	Partially opened
partially	547	3	Partially opened
partially	548	3	Partially opened
parts	443	3	Fuel tank (and other fuel retention syst
pass	506	*	PASS COMPART INTEGRITY
pass	727	*	AUTO (PASS) SYSTEM USE
passed	360	1	Passed DEC test
passed	362	1	Passed DEC test

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
passed	364	1	Passed DEC test
passed	366	1	Passed DEC test
passed	368	1	Passed DEC test
passed	370	1	Passed DEC test
passed	372	1	Passed DEC test
passed	374	1	Passed DEC test
passenger	207	9	Unknown passenger car size
passenger	210	9	Unknown passenger car size
passenger	352	8	Not applicable, not a passenger car
passenger	443	7	Passenger compartment area
passenger	711	2	Passenger
passenger	735	6	Deformed by passenger compartment intrus
passenger	815	17	Passenger side air bag compartment cover
passing	384	5	Passing or overtaking another vehicle
passing	385	17	Crossing over (passing through) intersec
passive	356	3	VIN determined automatic (passive) belts
path	385	66	From crossing street - across path
paved	380	2	On shoulder - paved
pcp	370	*	PCP DRUG - DEC TEST
pcp	371	*	PCP DRUG - SPECIMEN TEST
pedalcyclist	385	83	Pedalcyclist or other nonmotorist in roa
pedestal	733	8	Pedestal (i.e., column supported)
pedestrian	209	72	Pedestrian
pedestrian	385	80	Pedestrian in roadway
pedestrian	407	72	Pedestrian
pedestrian	415	72	Pedestrian
peggy	736	238	Peggy
pelvis	819	16	P - Pelvis - hip
perfect	736	247	Perfect F.I.T.T.
perforation	820	16	P - Perforation, puncture
performance	735	*	SEAT PERFORMANCE
performed	324	97	AC test performed, results unknown
person	721	5	Belt worn around more than one person
person	729	5	Automatic belt worn around more than one
personnel	808	6	E.M.S. personnel
peterbilt	307	87	Peterbilt
peterson	736	220	Peterson Safety Shield
peugeot	307	44	Peugeot
physician	808	4	Private physician - walk-in or emergency
physician's	744	4	Physician's office
pickup	207	15	Pickup truck (< or = 4,500 kgs GVWR)
pickup	210	15	Pickup truck (< or = 4,500 kgs GVWR)
pickup	309	10	Auto based pickup (includes El Camino, C
pickup	355	10	Auto based pickup (includes El Camino, C
pickup	715	8	Other area (e.g., back of pickup, etc.)
pillar	512	5	Door support (i.e., pillar, sill, roof s
pillar	513	5	Door support (i.e., pillar, sill, roof s
pillar	514	5	Door support (i.e., pillar, sill, roof s
pillar	515	5	Door support (i.e., pillar, sill, roof s
pillar	516	5	Door support (i.e., pillar, sill, roof s
pillar	815	24	Other left pillar
plane	382	2	Side plane
plastic	533	4	AS-14 - Glass/plastic
plastic	534	4	AS-14 - Glass/plastic
plastic	535	4	AS-14 - Glass/plastic
plastic	536	4	AS-14 - Glass/plastic

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
plastic	537	4	AS-14 - Glass/plastic
plastic	538	4	AS-14 - Glass/plastic
plastic	539	4	AS-14 - Glass/plastic
plastic	540	4	AS-14 - Glass/plastic
playskool	736	253	Playskool Carseat
plymouth	307	9	Plymouth
plymouth	309	20	Minivan (Astro, Caravan, Plymouth Vista,
plymouth	355	20	Minivan (Astro, Caravan, Plymouth Vista,
pole	209	45	Breakaway pole or post
pole	335	*	POST COLL TREE/POLE COND
pole	381	45	Breakaway pole or post
pole	407	45	Breakaway pole or post
pole	415	45	Breakaway pole or post
police	358	*	POLICE DEC TEST - DRIVER
police	378	5	Police
police	731	1	Police did not indicate restraint use
police	808	9	Police
pontiac	307	22	Pontiac
poor	385	5	Poor road conditions (puddle, pot hole,
porsche	307	45	Porsche
portion	729	6	Lap portion of automatic belt worn on ab
position	384	7	Leaving a parked position
position	712	*	SEAT POSITION
position	713	6	Lying back in a reclined seat position
possible	742	1	C - possible injury
possible	816	3	Possible
post	209	45	Breakaway pole or post
post	335	*	POST COLL TREE/POLE COND
post	381	45	Breakaway pole or post
post	407	45	Breakaway pole or post
post	415	45	Breakaway pole or post
post	441	0	No post manufacturer modifications
posterior	810	6	Posterior
posture	713	*	POSTURE
pot	385	5	Poor road conditions (puddle, pot hole,
potential	352	9	Unknown (four wheel drive potential)
pre-event	384	*	PRE-EVENT MOVEMENT
precrash	385	*	CRITICAL PRECRASH EVENT
precrash	386	*	PRECRASH STABILILTY AVOID
precrash	541	*	WIN PRECRASH STAT - WS
precrash	542	*	WIN PRECRASH STAT - LF
precrash	543	*	WIN PRECRASH STAT - RF
precrash	544	*	WIN PRECRASH STAT - LR
precrash	545	*	WIN PRECRASH STAT - RR
precrash	546	*	WIN PRECRASH STAT - BL
precrash	547	*	WIN PRECRASH STAT - RO
precrash	548	*	WIN PRECRASH STAT - OT
preemie	736	407	Preemie Bunting
premier	736	207	Century 3000, 3500 Premier S.T.E.
presence	323	*	ALCOHOL PRESENCE
presence	328	*	DRIVER PRESENCE
presence	357	*	OTHER DRUG PRESENCE
presence	384	98	No driver presence
previous	384	16	Successful avoidance maneuver to a previ
pride	736	235	Pride Ride - 820 & 830 Series
primarily	383	1	Roll right - primarily about longitudina

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
principal	382	*	PRIN TRIP FORCE APPLIED
private	808	4	Private physician - walk-in or emergency
probable	816	2	Probable
problem	385	4	Non-disabling vehicle problem (e.g. hood
process	358	0	No DEC process available or given
prodigy	736	254	Prodigy Kiwi
program	341	1	CRASH program - damage only routine
programs	341	6	All vehicles and collision conditions ar
proper	721	*	MANUAL BELT PROPER USE
proper	729	*	PROPER USE OF AUTO BELT
protrusion	815	78	Other side protrusions
psu	101	*	PSU NUMBER
psu	120	*	PSU STRATRUM
psu	201	*	PSU NUMBER
psu	301	*	PSU NUMBER
psu	401	*	PSU NUMBER
psu	501	*	PSU NUMBER
psu	601	*	PSU NUMBER
psu	701	*	PSU NUMBER
psu	801	*	PSU NUMBER
puddle	385	5	Poor road conditions (puddle, pot hole,
pulmonary	821	16	P - Pulmonary - lungs
puncture	820	16	P - Perforation, puncture
quarter	336	1	Rollover - one quarter turn only
quick	736	243	Quick Click
quickstep	736	232	Quikstep
rabbit	309	10	Auto based pickup (includes El Camino, C
rabbit	355	10	Auto based pickup (includes El Camino, C
race	377	*	DRIVER'S RACE/ETHNIC
rack	815	61	Backlight storage rack, door, etc.
rail	512	5	Door support (i.e., pillar, sill, roof s
rail	513	5	Door support (i.e., pillar, sill, roof s
rail	514	5	Door support (i.e., pillar, sill, roof s
rail	515	5	Door support (i.e., pillar, sill, roof s
rail	516	5	Door support (i.e., pillar, sill, roof s
rail	607	13	Roof side rail
rail	611	13	Roof side rail
rail	615	13	Roof side rail
rail	619	13	Roof side rail
rail	623	13	Roof side rail
rail	627	13	Roof side rail
rail	631	13	Roof side rail
rail	635	13	Roof side rail
rail	639	13	Roof side rail
rail	643	13	Roof side rail
rail	815	26	Left side window glass + 1 or more from:
ram	309	15	Large utility (includes Jeep Cherokee,Ra
ram	355	15	Large utility (includes Jeep Cherokee,Ra
rambler	308	+	Rambler/American
rancho	309	10	Auto based pickup (includes El Camino, C
rancho	355	10	Auto based pickup (includes El Camino, C
ranger	309	30	Compact pickup (Ram 50, Dakota, Arrow Pi
ranger	355	30	Compact pickup (Ram 50, Dakota, Arrow Pi
ratio	116	*	RATIO INFLATION FACTOR
reading	649	*	ODOMETER READING
rear	208	4	(B) Back or TDC: back of unit with cargo

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
rear	211	4	(B) Back or TDC: back of unit with cargo
rear	338	*	REAR OVERRIDE/UNDERRIDE
rear	352	*	FRONT/REAR WHEEL DRIVE
rear	506	7	Rear window (backlight)
rear	607	28	Side panel - rear of A (A1/A2)-pillar
rear	611	28	Side panel - rear of A (A1/A2)-pillar
rear	615	28	Side panel - rear of A (A1/A2)-pillar
rear	619	28	Side panel - rear of A (A1/A2)-pillar
rear	623	28	Side panel - rear of A (A1/A2)-pillar
rear	627	28	Side panel - rear of A (A1/A2)-pillar
rear	631	28	Side panel - rear of A (A1/A2)-pillar
rear	635	28	Side panel - rear of A (A1/A2)-pillar
rear	639	28	Side panel - rear of A (A1/A2)-pillar
rear	643	28	Side panel - rear of A (A1/A2)-pillar
rear	713	4	Sitting sideways or turned to talk with
rear	715	4	Left rear
rear	734	2	Rear facing seat
rear	738	1	Rear facing
rear	815	51	Rear header
rear-end	118	1	Rear-end
rear-to-rear	118	3	Rear-to-rear
reasonable	346	1	Collision fits model - results appear re
reclined	713	6	Lying back in a reclined seat position
reconstruction	341	4	At least one vehicle is beyond the scope
reconstruction	346	*	RECONSTRUCT CONFIDENCE
record	103	*	RECORD NUMBER
record	203	*	RECORD NUMBER
record	303	*	RECORD NUMBER
record	403	*	RECORD NUMBER
record	503	*	RECORD NUMBER
record	603	*	RECORD NUMBER
record	703	*	RECORD NUMBER
record	803	*	RECORD NUMBER
record	808	1	Autopsy records with or without hospital
recorded	110	*	NUM EVENTS RECORDED
recorded	751	*	NUM RECORDED INJURIES
redi-rider	736	231	Redi-Rider
refused	324	95	Test refused
regardless	341	4	At least one vehicle is beyond the scope
region	809	*	OIC - BODY REGION
region	810	0	Whole region
region	819	*	OIC - BODY REGION
region	821	23	W - All systems in region
reinforced	815	18	Windshield reinforced by exterior object
reinstalled	723	3	Air bag not reinstalled
released	111	4	Transported and released
released	348	4	Transported and released
released	743	4	Transported and released
releasing	326	5	Releasing brakes
renault	307	46	Renault
rendered	726	4	Automatic belts destroyed or rendered in
rendered	727	0	Not equipped/not available/destroyed or
renegade	309	14	Compact utility (includes Jeep CJ-2 thru
renegade	355	14	Compact utility (includes Jeep CJ-2 thru
renolux	736	256	Renolux GT 2000
reo	307	81	Diamond Reo, Reo

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
replaced	335	7	Pole replaced
report	748	*	CAUSE OF DEATH - MED REP
report	749	*	CAUSE OF DEATH - MED REP
report	750	*	CAUSE OF DEATH - MED REP
report	808	3	Emergency room records only (including a
reported	323	7	Not reported
reported	357	7	Not reported
reported	756	1	Injured - ABGs not measured or reported
rescue	309	40	Cab chassis based (includes rescue vehic
rescue	355	40	Cab chassis based (includes rescue vehic
researcher	356	1	Yes - researcher determined
resident	376	1	Driver not a resident of U.S. or territo
respiratory	821	18	R - Respiratory
restrained	731	8	Restrained, type unknown
restraint	726	*	AUTO RESTRAINT AVAILABLE
restraint	731	*	PAR RESTRAINT USE
restraint	732	*	HEAD RESTRAINT TYPE/DAM
restraint	815	41	Belt restraint webbing/buckle
retention	443	3	Fuel tank (and other fuel retention syst
retractor	722	6	Broken retractor
ride	736	107	Cosco First Ride
rider	736	311	Tot Rider Quick Step - XL
right	208	2	(R) Right Side
right	211	2	(R) Right Side
right	326	7	Steering right
right	383	1	Roll right - primarily about longitudina
right	384	9	Turning right
right	385	11	Over the lane line on right side of trav
right	606	13	Front row - right
right	607	4	Instrument panel right
right	610	13	Front row - right
right	611	4	Instrument panel right
right	614	13	Front row - right
right	615	4	Instrument panel right
right	618	13	Front row - right
right	619	4	Instrument panel right
right	622	13	Front row - right
right	623	4	Instrument panel right
right	626	13	Front row - right
right	627	4	Instrument panel right
right	630	13	Front row - right
right	631	4	Instrument panel right
right	634	13	Front row - right
right	635	4	Instrument panel right
right	638	13	Front row - right
right	639	4	Instrument panel right
right	642	13	Front row - right
right	643	4	Instrument panel right
right	648	8	Right half of rim/spoke
right	712	13	Front seat - right side
right	715	3	Right front
right	810	1	Right
right	815	11	Right instrument panel and below
rim	647	*	RIM/SPOKE DEFORMATION
rim	648	*	RIM/SPOKE DEF LOCATION
rim	815	4	Steering wheel rim

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
road	385	5	Poor road conditions (puddle, pot hole,
roadside	380	4	On roadside or divided trafficway median
roadway	380	1	On roadway
roadway	385	80	Pedestrian in roadway
roadway	387	2	Vehicle stayed on roadway but left trave
rock	736	112	Rock 'N' Ride
rockit	736	114	Rockit Seat 640
role	711	*	ROLE
roll	383	*	DIRECTION OF INITIAL ROL
rollover	209	31	Overturn - rollover
rollover	336	*	ROLLOVER
rollover	379	*	ROLLOVER INITIATION TYPE
rollover	380	*	LOCATION OF ROLLOVER INI
rollover	381	*	ROLLOVER INIT OBJ CONTAC
rollover	382	0	No rollover
rollover	383	0	No rollover
rollover	407	31	Overturn - rollover
rollover	415	31	Overturn - rollover
romeo	307	31	Alfa Romeo
ronolux	736	263	Ronolux
roof	309	1	Convertible (excludes sun roof, t-bar)
roof	355	1	Convertible (excludes sun roof, t-bar)
roof	506	4	Roof
roof	512	5	Door support (i.e., pillar, sill, roof s
roof	513	5	Door support (i.e., pillar, sill, roof s
roof	514	5	Door support (i.e., pillar, sill, roof s
roof	515	5	Door support (i.e., pillar, sill, roof s
roof	516	5	Door support (i.e., pillar, sill, roof s
roof	607	12	Roof (or convertible top)
roof	611	12	Roof (or convertible top)
roof	615	12	Roof (or convertible top)
roof	619	12	Roof (or convertible top)
roof	623	12	Roof (or convertible top)
roof	627	12	Roof (or convertible top)
roof	631	12	Roof (or convertible top)
roof	635	12	Roof (or convertible top)
roof	639	12	Roof (or convertible top)
roof	643	12	Roof (or convertible top)
roof	715	7	Roof
roof	716	2	Nonfixed roof structure
roof	815	26	Left side window glass + 1 or more from:
room	808	2	Hospital/medical records other than emer
rotation	386	2	Skidding longitudinally - rotation less
roundtripper	736	210	Roundtripper
routine	341	1	CRASH program - damage only routine
row	606	11	Front row - left
row	610	11	Front row - left
row	614	11	Front row - left
row	618	11	Front row - left
row	622	11	Front row - left
row	626	11	Front row - left
row	630	11	Front row - left
row	634	11	Front row - left
row	638	11	Front row - left
row	642	11	Front row - left
royal	309	21	Large van (Sportsman, Royal, Ram, Chevy

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
royal	355	21	Large van (Sportsman, Royal, Ram, Chevy
rule	736	258	Comfort Rule
ruled	111	2	Fatal - ruled disease
ruled	348	2	Fatal - ruled disease
ruled	743	2	Fatal - ruled disease
ruled	747	96	Fatal - ruled disease
ruled	748	97	Other result (includes fatal ruled disea
ruled	749	97	Other result (includes fatal ruled disea
ruled	750	97	Other result (includes fatal ruled disea
rupture	820	18	R - Rupture
saab	307	47	Saab
safari	309	20	Minivan (Astro, Caravan, Plymouth Vista,
safari	355	20	Minivan (Astro, Caravan, Plymouth Vista,
safe	736	209	Safe & Sound - II
safe-t-mate	736	219	Safe-T-Mate
safe-t-rider	736	302	Safe-T-Rider - II, Deluxe
safe-t-seat	736	217	Safe-T-Seat
safe-t-shield	736	218	Safe-T-Shield
safeline	736	120	Safeline Sit'n'Stroll
safety	720	12	Shoulder belt used with child safety sea
safety	721	7	Lap belt or lap and shoulder belt used i
safety	729	7	Automatic lap and shoulder belt or autom
safety	731	6	Child safety seat
safety	736	0	No child safety seat
safety	737	0	No child safety seat
safety	738	0	No child safety seat
safety	739	0	No child safety seat
safety	740	0	No child safety seat
safety	741	0	No child safety seat
safety	815	48	Child safety seat
saturday	108	7	Saturday
saturn	307	24	Saturn
scale	754	*	GLASGOW COMA SCALE SCORE
scene	111	5	Treatment at scene
scene	348	5	Treatment at scene
scene	743	5	Treatment at scene - nontransported
school	207	20	School bus
school	210	20	School bus
school	309	24	Van based school bus (< 4,501 kgs GVWR)
school	355	24	Van based school bus (< 4,501 kgs GVWR)
school	378	2	Vehicle used as school bus
scope	341	4	At least one vehicle is beyond the scope
score	753	*	INJURY SEVERITY SCORE
score	754	*	GLASGOW COMA SCALE SCORE
scout	309	15	Large utility (includes Jeep Cherokee,Ra
scout	355	15	Large utility (includes Jeep Cherokee,Ra
seat	607	19	Front seat back
seat	611	19	Front seat back
seat	615	19	Front seat back
seat	619	19	Front seat back
seat	623	19	Front seat back
seat	627	19	Front seat back
seat	631	19	Front seat back
seat	635	19	Front seat back
seat	639	19	Front seat back
seat	643	19	Front seat back

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Item	Var	CV	Variable Name or Code Value
seat	712	*	SEAT POSITION
seat	713	1	Kneeling or standing on seat
seat	720	12	Shoulder belt used with child safety sea
seat	721	2	Belt used properly with child seat
seat	729	2	Automatic belt used properly with child
seat	731	6	Child safety seat
seat	733	*	SEAT TYPE
seat	734	*	SEAT ORIENTATION
seat	735	*	SEAT PERFORMANCE
seat	736	*	CHILD SEAT MAKE/MODEL
seat	737	*	CHILD SEAT TYPE
seat	738	*	CHILD SEAT ORIENTATION
seat	739	*	CHILD SEAT HARNESS USE
seat	740	*	CHILD SEAT SHIELD USE
seat	741	*	CHILD SEAT TETHER USE
seat	815	40	Seat, back support
seated	733	0	Occupant not seated or no seat
seated	734	0	Occupant not seated or no seat
seated	735	0	Occupant not seated or no seat
seating	712	99	Unknown seating position
section	648	1	Section A
securelock	736	262	Gerry Guard SecureLock
sedan	309	2	2-door sedan, hardtop, coupe
sedan	355	2	2-door sedan, hardtop, coupe
selector	815	7	Steering column, transmission, selector
separate	733	4	Bench with separate back cushions
separated	335	6	Separated pole from base
separated	722	4	Upper anchorage separated
separation	820	7	G - Detachment, separation
september	106	9	September
sequence	205	*	EVENT SEQUENCE NUMBER
sequence	406	*	ACCIDENT SEQUENCE (1)
sequence	414	*	ACCIDENT SEQUENCE (2)
sequence	724	3	Air bag deployed, accident sequence unde
series	736	229	Teddy Tot Astroseat - 9100/9300 Series
serious	112	3	Serious injury
serious	349	3	Serious injury
serious	752	3	Serious injury
serious	814	3	Serious injury
seriously	113	*	NUM SERIOUSLY INJ OCC
seriously	350	*	NUM SERIOUSLY INJURED
seven-year	736	222	Seven-Year Car Seat
severance	820	5	E - Total severance, transection
severe	112	4	Severe injury
severe	349	4	Severe injury
severe	354	998	Not applicable (most severe impact not w
severe	355	98	Not applicable (most severe impact not w
severe	752	4	Severe injury
severe	814	4	Severe injury
severity	112	7	Injury, unknown severity
severity	349	7	Injury, unknown severity
severity	742	*	INJURY SEVERITY
severity	752	7	Injury, unknown severity
severity	753	*	INJURY SEVERITY SCORE
severity	814	*	AIS SEVERITY
sex	708	*	SEX

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
sheared	335	2	Cracked/sheared
shield	736	212	Cosco Soft Shield - Auto Trac
shield	740	*	CHILD SEAT SHIELD USE
shoulder	380	2	On shoulder - paved
shoulder	719	2	Shoulder belt
shoulder	720	2	Shoulder belt
shoulder	721	3	Shoulder belt worn under arm
shoulder	729	3	Automatic shoulder belt worn under arm
shoulder	731	2	Shoulder belt
shoulder	819	19	S - Shoulder
shrubbery	209	43	Shrubbery or bush
shrubbery	381	43	Shrubbery or bush
shrubbery	407	43	Shrubbery or bush
shrubbery	415	43	Shrubbery or bush
shuddle	736	104	Cuddle Shuddle
shut	507	3	Door/gate/hatch jammed shut
shut	508	3	Door/gate/hatch jammed shut
shut	509	3	Door/gate/hatch jammed shut
shut	510	3	Door/gate/hatch jammed shut
shut	511	3	Door/gate/hatch jammed shut
shuttle	736	255	Prodigy Shuttle
side	208	2	(R) Right Side
side	211	2	(R) Right Side
side	309	12	Large limousine - more than four side do
side	355	12	Large limousine - more than four side do
side	382	2	Side plane
side	385	10	Over the lane line on left side of trave
side	443	1	Vehicle exterior (front, side, back, top
side	506	2	Door (side)
side	512	5	Door support (i.e., pillar, sill, roof s
side	513	5	Door support (i.e., pillar, sill, roof s
side	514	5	Door support (i.e., pillar, sill, roof s
side	515	5	Door support (i.e., pillar, sill, roof s
side	516	5	Door support (i.e., pillar, sill, roof s
side	607	10	Door panel (side)
side	611	10	Door panel (side)
side	615	10	Door panel (side)
side	619	10	Door panel (side)
side	623	10	Door panel (side)
side	627	10	Door panel (side)
side	631	10	Door panel (side)
side	635	10	Door panel (side)
side	639	10	Door panel (side)
side	643	10	Door panel (side)
side	712	11	Front seat - left side (driver's side)
side	734	3	Side facing seat (inward)
side	815	14	Windshield +1 or more from: front header
sideswipe	118	5	Sideswipe, same direction
sideways	713	4	Sitting sideways or turned to talk with
sierra	309	31	Large pickup (Jeep Pickup, Comanche, Siv
sierra	355	31	Large pickup (Jeep Pickup, Comanche, Siv
sightseer	736	319	Sightseer
sill	512	5	Door support (i.e., pillar, sill, roof s
sill	513	5	Door support (i.e., pillar, sill, roof s
sill	514	5	Door support (i.e., pillar, sill, roof s
sill	515	5	Door support (i.e., pillar, sill, roof s

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
sill	516	5	Door support (i.e., pillar, sill, roof s
sill	607	17	Floor pan (includes sill)
sill	611	17	Floor pan (includes sill)
sill	615	17	Floor pan (includes sill)
sill	619	17	Floor pan (includes sill)
sill	623	17	Floor pan (includes sill)
sill	627	17	Floor pan (includes sill)
sill	631	17	Floor pan (includes sill)
sill	635	17	Floor pan (includes sill)
sill	639	17	Floor pan (includes sill)
sill	643	17	Floor pan (includes sill)
sill	815	26	Left side window glass + 1 or more from:
single	309	61	Single unit straight truck (4,500 kgs <
single	355	61	Single unit straight truck (4,500 kgs <
sit'n'stroll	736	120	Safeline Sit'n'Stroll
sitter	736	249	Baby Sitter
sitting	713	3	Kneeling, standing or sitting in front o
siverado	309	31	Large pickup (Jeep Pickup, Comanche, Siv
siverado	355	31	Large pickup (Jeep Pickup, Comanche, Siv
size	207	4	Full size (wheelbase => 278 but < 291 cm
size	210	4	Full size (wheelbase => 278 but < 291 cm
skeletal	811	5	Skeletal (includes joints)
skeletal	821	19	S - Skeletal
skidding	386	2	Skidding longitudinally - rotation less
skin	811	9	Skin
skull	819	8	H - Head - skull
slide-in	309	32	Pickup with slide-in camper
slide-in	355	32	Pickup with slide-in camper
slowing	384	2	Slowing or stopping in traffic lane
snowmobile	309	91	Snowmobile
snowmobile	355	91	Snowmobile
snug	736	111	Snug Seat
soft	736	212	Cosco Soft Shield - Auto Trac
sound	736	209	Safe & Sound - II
source	808	*	INJURY DATA SOURCE
source	815	*	INJURY SOURCE
source	817	7	Injured, unknown source
special	378	*	VEHICLE SPECIAL USE
specific	748	96	Mode of death given but specific injurie
specific	749	96	Mode of death given but specific injurie
specific	750	96	Mode of death given but specific injurie
specific	812	*	SPECIFIC ANATOMIC STRUCT
specified	731	5	Belt used, type not specified
specimen	359	0	No specimen test given
specimen	361	*	NARCOTIC - SPECIMEN TEST
specimen	363	*	DEPRESSANT- SPECIMEN TST
specimen	365	*	STIMULANT - SPECIMEN TST
specimen	367	0	No specimen test given
specimen	369	0	No specimen test given
specimen	371	*	PCP DRUG - SPECIMEN TEST
specimen	373	*	INHALANT - SPECIMEN TEST
specimen	375	*	OTH DRUG - SPECIMEN TEST
speed	322	*	TRAVEL SPEED (KPH)
speed	325	*	SPEED LIMIT (KPH)
speed	385	51	Traveling in same direction with lower s
spelcast	736	408	SPELCAST

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
spinal	821	3	C - Spinal cord
spine	809	6	Spine
spine	819	2	B - Back - thoracolumbar spine
spleen	821	17	Q - Spleen
split	733	6	Split bench with separate back cushions
spoke	647	*	RIM/SPOKE DEFORMATION
spoke	648	*	RIM/SPOKE DEF LOCATION
spoke	815	5	Steering wheel hub/spoke
sportsman	309	21	Large van (Sportsman, Royal, Ram, Chevy
sportsman	355	21	Large van (Sportsman, Royal, Ram, Chevy
sprain	820	19	S - Sprain
stability	386	9	Precrash stability unknown
stabililty	386	*	PRECRASH STABILILTY AVOID
stake	309	40	Cab chassis based (includes rescue vehic
stake	355	40	Cab chassis based (includes rescue vehic
stalled	385	2	Stalled engine
standing	713	1	Kneeling or standing on seat
starting	384	3	Starting in traffic lane
station	309	6	Station Wagon (excluding van and truck b
station	355	6	Station Wagon (excluding van and truck b
status	541	*	WIN PRECRASH STAT - WS
status	542	*	WIN PRECRASH STAT - LF
status	543	*	WIN PRECRASH STAT - RF
status	544	*	WIN PRECRASH STAT - LR
status	545	*	WIN PRECRASH STAT - RR
status	546	*	WIN PRECRASH STAT - BL
status	547	*	WIN PRECRASH STAT - RO
status	548	*	WIN PRECRASH STAT - OT
status	717	*	MEDIUM STATUS
statutory	325	0	No statutory limit
stay	745	*	HOSPITAL STAY
stayed	387	1	Vehicle stayed in travel lane where avoi
steady	385	51	Traveling in same direction with lower s
steering	326	6	Steering left
steering	607	1	Steering assembly
steering	611	1	Steering assembly
steering	615	1	Steering assembly
steering	619	1	Steering assembly
steering	623	1	Steering assembly
steering	627	1	Steering assembly
steering	631	1	Steering assembly
steering	635	1	Steering assembly
steering	639	1	Steering assembly
steering	643	1	Steering assembly
steering	646	*	STEERING COLUMN TYPE
steering	647	0	No steering rim deformation
steering	648	0	No steering rim deformation
steering	815	4	Steering wheel rim
step	309	22	Step van or walk-in van (< 4,501 kgs GVW
step	355	22	Step van or walk-in van (< 4,501 kgs GVW
step	736	311	Tot Rider Quick Step - XL
sterling	307	61	Sterling
stimulant	364	*	STIMULANT- DEC TEST
stimulant	365	*	STIMULANT - SPECIMEN TST
stopped	322	0	Stopped vehicle or traveling less than 0
stopped	384	4	Stopped in traffic lane

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
stopped	385	50	Stopped
stopping	384	2	Slowing or stopping in traffic lane
storage	815	61	Backlight storage rack, door, etc.
straight	208	4	(B) Back or TDC: back of unit with cargo
straight	211	4	(B) Back or TDC: back of unit with cargo
straight	309	61	Single unit straight truck (4,500 kgs <
straight	355	61	Single unit straight truck (4,500 kgs <
straight	384	1	Going straight
strain	820	20	T - Strain
stratrum	120	*	PSU STRATRUM
street	385	65	From crossing street - turning into same
stretched	309	12	Large limousine - more than four side do
stretched	355	12	Large limousine - more than four side do
stretched	722	2	Torn webbing (stretched webbing not incl
striker	512	2	Latch/striker failure due to damage
striker	513	2	Latch/striker failure due to damage
striker	514	2	Latch/striker failure due to damage
striker	515	2	Latch/striker failure due to damage
striker	516	2	Latch/striker failure due to damage
striking	815	82	Other exterior of striking vehicle
structure	512	4	Door structure failure due to damage
structure	513	4	Door structure failure due to damage
structure	514	4	Door structure failure due to damage
structure	515	4	Door structure failure due to damage
structure	516	4	Door structure failure due to damage
structure	716	2	Nonfixed roof structure
structure	717	3	Integral structure
structure	811	*	TYPE OF ANATOMIC STRUCT
structure	812	*	SPECIFIC ANATOMIC STRUCT
student	309	50	School bus (designed to carry students,
student	355	50	School bus (designed to carry students,
style	309	39	Unknown (pickup style) light conventiona
style	355	39	Unknown (pickup style) light conventiona
subaru	307	48	Subaru
subcompact	207	1	Subcompact/mini (wheelbase < 254 cm)
subcompact	210	1	Subcompact/mini (wheelbase < 254 cm)
submit	105	*	NUM GEN VEH FORMS SUBMIT
suburban	309	16	Utility station wagon (Chevy Suburban,GM
suburban	355	16	Utility station wagon (Chevy Suburban,GM
successful	384	16	Successful avoidance maneuver to a previ
summary	808	2	Hospital/medical records other than emer
sun	309	1	Convertible (excludes sun roof, t-bar)
sun	355	1	Convertible (excludes sun roof, t-bar)
sunday	108	1	Sunday
sunvisor	815	3	Sunvisor
super	736	223	Bobby Mac - Deluxe II, Champion, Super,
superior	810	7	Superior
support	512	5	Door support (i.e., pillar, sill, roof s
support	513	5	Door support (i.e., pillar, sill, roof s
support	514	5	Door support (i.e., pillar, sill, roof s
support	515	5	Door support (i.e., pillar, sill, roof s
support	516	5	Door support (i.e., pillar, sill, roof s
support	815	40	Seat, back support
supported	733	8	Pedestal (i.e., column supported)
surface	607	31	Outside surface of this vehicle
surface	611	31	Outside surface of this vehicle

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
surface	615	31	Outside surface of this vehicle
surface	619	31	Outside surface of this vehicle
surface	623	31	Outside surface of this vehicle
surface	627	31	Outside surface of this vehicle
surface	631	31	Outside surface of this vehicle
surface	635	31	Outside surface of this vehicle
surface	639	31	Outside surface of this vehicle
surface	643	31	Outside surface of this vehicle
surface	713	7	Bracing with feet or hands on a surface
surface	815	20	Left side interior surface (excluding ha
suzuki	307	53	Suzuki
swamp	309	90	ATV (all terrain vehicle including dune/
swamp	355	90	ATV (all terrain vehicle including dune/
swinger	736	113	Swinger
system	356	2	VIN determined air bag system
system	443	2	Exhaust system
system	721	8	Other improper use of manual belt system
system	725	*	AIR BAG SYSTEM FAILURE
system	727	*	AUTO (PASS) SYSTEM USE
system	728	*	AUTO BELT SYSTEM TYPE
system	729	8	Other improper use of automatic belt sys
system	736	404	Carrie Car Seat System
system	815	43	Other restraint system component
system	821	*	OIC - SYSTEM ORGAN
t-bar	309	1	Convertible (excludes sun roof, t-bar)
t-bar	355	1	Convertible (excludes sun roof, t-bar)
tailgate	607	25	Back door/panel (e.g. tailgate)
tailgate	611	25	Back door/panel (e.g. tailgate)
tailgate	615	25	Back door/panel (e.g. tailgate)
tailgate	619	25	Back door/panel (e.g. tailgate)
tailgate	623	25	Back door/panel (e.g. tailgate)
tailgate	627	25	Back door/panel (e.g. tailgate)
tailgate	631	25	Back door/panel (e.g. tailgate)
tailgate	635	25	Back door/panel (e.g. tailgate)
tailgate	639	25	Back door/panel (e.g. tailgate)
tailgate	643	25	Back door/panel (e.g. tailgate)
tailgate	716	1	Door/hatch/tailgate
talk	713	4	Sitting sideways or turned to talk with
tandem	736	117	Travel Tandem
tank	443	3	Fuel tank (and other fuel retention syst
tank	444	*	TYPE OF FUEL TANK
tape	815	8	Add-on equipment (e.g., CB, tape deck, a
taxi	378	1	Taxi
tdc	208	4	(B) Back or TDC: back of unit with cargo
tdc	211	4	(B) Back or TDC: back of unit with cargo
tdc	337	0	No override or underride or vehicle not
tdc	338	0	No override or underride or vehicle not
tdc	408	13	Intra-unit force (TDC only)
tdc	413	10	Extent zone 0A (TDC ONLY)
tdc	416	13	Intra-unit force (TDC only)
tdc	421	10	Extent zone 0A (TDC ONLY)
teddy	736	229	Teddy Tot Astroseat - 9100/9300 Series
telescoping	646	3	Telescoping column
tempered	533	2	AS-2 - Tempered
tempered	534	2	AS-2 - Tempered
tempered	535	2	AS-2 - Tempered

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
tempered	536	2	AS-2 - Tempered
tempered	537	2	AS-2 - Tempered
tempered	538	2	AS-2 - Tempered
tempered	539	2	AS-2 - Tempered
tempered	540	2	AS-2 - Tempered
tempered-tinted	533	3	AS-3 - Tempered-tinted
tempered-tinted	534	3	AS-3 - Tempered-tinted
tempered-tinted	535	3	AS-3 - Tempered-tinted
tempered-tinted	536	3	AS-3 - Tempered-tinted
tempered-tinted	537	3	AS-3 - Tempered-tinted
tempered-tinted	538	3	AS-3 - Tempered-tinted
tempered-tinted	539	3	AS-3 - Tempered-tinted
tempered-tinted	540	3	AS-3 - Tempered-tinted
terrain	309	90	ATV (all terrain vehicle including dune/
terrain	355	90	ATV (all terrain vehicle including dune/
territories	376	1	Driver not a resident of U.S. or territo
test	324	*	ALCOHOL TEST RESULT
test	358	*	POLICE DEC TEST - DRIVER
test	359	*	OTHER DRUG TST TYPE-DRIV
test	360	0	No DEC test given
test	361	*	NARCOTIC - SPECIMEN TEST
test	362	*	DEPRESSANT - DEC TEST
test	363	*	DEPRESSANT- SPECIMEN TST
test	364	*	STIMULANT- DEC TEST
test	365	*	STIMULANT - SPECIMEN TST
test	366	*	HALLUCINOGEN - DEC TEST
test	367	0	No specimen test given
test	368	*	CANNABINOID - DEC TEST
test	369	*	CANNABINOID-SPECIMEN TST
test	370	*	PCP DRUG - DEC TEST
test	371	*	PCP DRUG - SPECIMEN TEST
test	372	*	INHALANT - DEC TEST
test	373	*	INHALANT - SPECIMEN TEST
test	374	*	OTH DRUG - DEC TEST
test	375	*	OTH DRUG - SPECIMEN TEST
tether	741	*	CHILD SEAT TETHER USE
thigh	819	20	T - Thigh
thing	309	14	Compact utility (includes Jeep CJ-2 thru
thing	355	14	Compact utility (includes Jeep CJ-2 thru
thoracolumbar	819	2	B - Back - thoracolumbar spine
thorax	809	4	Thorax
three-wheel	309	13	Three-wheel automobile or automobile der
three-wheel	355	13	Three-wheel automobile or automobile der
thursday	108	5	Thursday
thyroid	821	20	T - Thyroid, other endocrine gland
tilt	646	2	Tilt column
tilted	335	3	Tilted < 45 degrees
time	109	*	ACCIDENT TIME
time	747	*	TIME TO DEATH
tip-up	736	239	Tip-Up
tire	382	1	Wheels/tires
tire	385	1	Blow out or flat tire
tire	815	67	Other exterior surface or tires
tlc	736	105	Cosco TLC
toddler	737	2	Toddler seat
toe	607	5	Toe pan

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
toe	611	5	Toe pan
toe	615	5	Toe pan
toe	619	5	Toe pan
toe	623	5	Toe pan
toe	627	5	Toe pan
toe	631	5	Toe pan
toe	635	5	Toe pan
toe	639	5	Toe pan
toe	643	5	Toe pan
toe	815	56	Floor including toe pan
top	208	8	(T) Top
top	211	8	(T) Top
top	443	1	Vehicle exterior (front, side, back, top
top	607	12	Roof (or convertible top)
top	611	12	Roof (or convertible top)
top	615	12	Roof (or convertible top)
top	619	12	Roof (or convertible top)
top	623	12	Roof (or convertible top)
top	627	12	Roof (or convertible top)
top	631	12	Roof (or convertible top)
top	635	12	Roof (or convertible top)
top	639	12	Roof (or convertible top)
top	643	12	Roof (or convertible top)
top	815	54	Roof or convertible top
torn	722	2	Torn webbing (stretched webbing not incl
torn webbing (stretc	730	2	Torn webbing (stretched webbing not incl
tot	736	229	Teddy Tot Astroseat - 9100/9300 Series
total	341	*	BASIS FOR TOTAL DELTA-V
total	342	*	TOTAL DELTA-V
total	820	5	E - Total severance, transection
tow	309	40	Cab chassis based (includes rescue vehic
tow	355	40	Cab chassis based (includes rescue vehic
towed	321	0	Not towed due to vehicle damage
towed	333	*	TOWED TRAILING UNIT
towed	439	0	Not towed due to vehicle damage
toyota	307	49	Toyota
toyota	309	30	Compact pickup (Ram 50, Dakota, Arrow Pi
toyota	355	30	Compact pickup (Ram 50, Dakota, Arrow Pi
trac	736	212	Cosco Soft Shield - Auto Trac
track	727	2	Automatic belt not in use (manually disc
track	735	4	Seat track/anchors failed
tracking	386	1	Tracking
tractor	207	23	Tractor without trailer
tractor	208	5	(D) Back (rear of tractor)
tractor	210	23	Tractor without trailer
tractor	211	5	(D) Back (rear of tractor)
tractor-trailer	207	24	Tractor-trailer(s)
tractor-trailer	210	24	Tractor-trailer(s)
traffic	209	54	Concrete traffic barrier
traffic	381	54	Concrete traffic barrier
traffic	384	2	Slowing or stopping in traffic lane
traffic	407	54	Concrete traffic barrier
traffic	415	54	Concrete traffic barrier
trafficway	380	4	On roadside or divided trafficway median
trailduster	309	15	Large utility (includes Jeep Cherokee,Ra
trailduster	355	15	Large utility (includes Jeep Cherokee,Ra

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
trailer	207	23	Tractor without trailer
trailer	208	4	(B) Back or TDC: back of unit with cargo
trailer	209	78	Trailer, disconnected in transport
trailer	210	23	Tractor without trailer
trailer	211	4	(B) Back or TDC: back of unit with cargo
trailer	309	67	Truck-tractor with no cargo trailer
trailer	355	67	Truck-tractor with no cargo trailer
trailer	381	78	Trailer, disconnected in transport
trailer	407	78	Trailer, disconnected in transport
trailer	415	78	Trailer, disconnected in transport
trailing	333	*	TOWED TRAILING UNIT
train	209	77	Train
train	381	77	Train
train	407	77	Train
train	415	77	Train
trajectory	334	*	TRAJECTORY DATA DOC
trajectory	341	2	CRASH program - damage and trajectory ro
transection	820	5	E - Total severance, transection
transit	309	50	School bus (designed to carry students,
transit	355	50	School bus (designed to carry students,
translated	208	98	(?) Not translated
translated	211	98	(?) Not translated
transmission	815	7	Steering column, transmission, selector
transport	118	0	Not collision with vehicle in transport
transport	209	78	Trailer, disconnected in transport
transport	381	78	Trailer, disconnected in transport
transport	407	78	Trailer, disconnected in transport
transport	415	78	Trailer, disconnected in transport
transported	111	4	Transported and released
transported	348	4	Transported and released
transported	743	4	Transported and released
transporter	736	412	900 Series Transporter
trauma	744	1	Trauma center
trav'ler	736	227	Little Trav'ler - 310, 315
trav-l-ette	736	106	Trav-L-Ette
travel	322	*	TRAVEL SPEED (KPH)
travel	384	6	Disabled or parked in travel lane
travel	385	10	Over the lane line on left side of trave
travel	387	1	Vehicle stayed in travel lane where avoi
travel	736	117	Travel Tandem
travelall	309	16	Utility station wagon (Chevy Suburban,GM
travelall	355	16	Utility station wagon (Chevy Suburban,GM
traveler	736	260	Traveler 700
traveling	322	0	Stopped vehicle or traveling less than 0
traveling	385	6	Traveling too fast for conditions
treated	744	0	Not treated at a medical facility
treated	754	1	Injured - not treated at medical facilit
treatment	111	*	MAXIMUM TREATMENT
treatment	348	*	MAXIMUM TREATMENT
treatment	743	*	TREATMENT/MORTALITY
treatment	744	5	Treatment later at medical facility
tree	209	41	Tree (< or = 10 cm in diameter)
tree	335	*	POST COLL TREE/POLE COND
tree	381	41	Tree (< or = 10 centimeters in diameter)
tree	407	41	Tree (<or= 10 cm diameter)
tree	415	41	Tree (<or= 10 cm in diameter)

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
trip	382	*	PRIN TRIP FORCE APPLIED
trip-over	379	1	Trip-over
triumph	307	50	Triumph
truck	207	15	Pickup truck (< or = 4,500 kgs GVWR)
truck	208	4	(B) Back or TDC: back of unit with cargo
truck	210	15	Pickup truck (< or = 4,500 kgs GVWR)
truck	211	4	(B) Back or TDC: back of unit with cargo
truck	309	6	Station Wagon (excluding van and truck b
truck	337	7	Medium or heavy truck override or underr
truck	338	7	Medium or heavy truck override or underr
truck	355	6	Station Wagon (excluding van and truck b
truck	378	8	Fire truck
truck-tractor	309	67	Truck-tractor with no cargo trailer
truck-tractor	355	67	Truck-tractor with no cargo trailer
trunk	443	5	Cargo/trunk compartment
tuesday	108	3	Tuesday
turn-over	379	3	Turn-over
turn-over	381	31	Turn-over - fall-over
turned	713	4	Sitting sideways or turned to talk with
turning	384	9	Turning right
turning	385	15	Turning left at intersection
type-driv	359	*	OTHER DRUG TST TYPE-DRIV
u-turn	384	11	Making U-turn
ultra	736	233	Ultra Ride
under	721	3	Shoulder belt worn under arm
under	729	3	Automatic shoulder belt worn under arm
undercarriage	208	9	(U) Undercarriage
undercarriage	211	9	(U) Undercarriage
undercarriage	382	4	Undercarriage
undercarriage	815	80	Undercarriage
underride	337	*	FRONT OVERRIDE/UNDERRIDE
underride	338	*	REAR OVERRIDE/UNDERRIDE
undetermined	648	10	Undetermined location
undetermined	724	3	Air bag deployed, accident sequence unde
unenclosed	712	97	In or on unenclosed area
unit	208	4	(B) Back or TDC: back of unit with cargo
unit	211	4	(B) Back or TDC: back of unit with cargo
unit	309	61	Single unit straight truck (4,500 kgs <
unit	333	*	TOWED TRAILING UNIT
unit	355	61	Single unit straight truck (4,500 kgs <
unit	755	2	Yes - Blood given (specify units)
unlisted	607	98	Intrusion of unlisted component(s)
unlisted	611	98	Intrusion of unlisted component(s)
unlisted	615	98	Intrusion of unlisted component(s)
unlisted	619	98	Intrusion of unlisted component(s)
unlisted	623	98	Intrusion of unlisted component(s)
unlisted	627	98	Intrusion of unlisted component(s)
unlisted	631	98	Intrusion of unlisted component(s)
unlisted	635	98	Intrusion of unlisted component(s)
unlisted	639	98	Intrusion of unlisted component(s)
unlisted	643	98	Intrusion of unlisted component(s)
unpaved	380	3	On shoulder - unpaved
unspecified	359	7	Unspecified specimen test
unspecified	809	9	Unspecified
untreatable	112	6	Maximum (untreatable) injury
untreatable	349	6	Maximum (untreatable) injury

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
untreatable	752	6	Maximum (untreatable) injury
untreatable	814	6	Maximum (untreatable)
upper	648	5	Upper half of rim/spoke
upper	722	4	Upper anchorage separated
upper	809	7	Upper Extremity
upper	819	1	A - Arm (upper)
upper anchorage sepa	730	4	Upper anchorage separated
uprooted	335	5	Uprooted tree
urine	359	2	Urine test
urogenital	821	7	G - Urogenital
utility	207	11	Compact utility vehicle
utility	210	11	Compact utility vehicle
utility	309	14	Compact utility (includes Jeep CJ-2 thru
utility	355	14	Compact utility (includes Jeep CJ-2 thru
van	207	13	Passenger van (< or = 4,500 kgs GVWR)
van	210	13	Passenger van (< or = 4,500 kgs GVWR)
van	309	6	Station Wagon (excluding van and truck b
van	355	6	Station Wagon (excluding van and truck b
van	733	10	Box mounted seat (i.e., van type)
vario	736	315	Vario
vein	821	1	A - Arteries - veins
version	104	*	VERSION NUMBER
version	204	*	VERSION NUMBER
version	304	*	VERSION NUMBER
version	404	*	VERSION NUMBER
version	504	*	VERSION NUMBER
version	604	*	VERSION NUMBER
version	704	*	VERSION NUMBER
version	804	*	VERSION NUMBER
vertebrae	821	22	V - Vertebrae
vertical	411	*	VERT/LAT LOCATION (1)
vertical	419	*	VERT/LAT LOCATION (2)
vertical	609	1	Vertical
vertical	613	1	Vertical
vertical	617	1	Vertical
vertical	621	1	Vertical
vertical	625	1	Vertical
vertical	629	1	Vertical
vertical	633	1	Vertical
vertical	637	1	Vertical
vertical	641	1	Vertical
vertical	645	1	Vertical
vessels	811	2	Vessels
vest	736	403	E-Z-On Vest
vin	310	*	VIN
vin	311	*	VIN - CHARACTER #1
vin	312	*	VIN - CHARACTER #2
vin	313	*	VIN - CHARACTER #3
vin	314	*	VIN - CHARACTER #4
vin	315	*	VIN - CHARACTER #5
vin	316	*	VIN - CHARACTER #6
vin	317	*	VIN - CHARACTER #7
vin	318	*	VIN - CHARACTER #8
vin	319	*	VIN - CHARACTER #9
vin	320	*	VIN - CHARACTER #10
vin	353	*	VIN LENGTH

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
vin	356	2	VIN determined air bag system
vista	309	20	Minivan (Astro, Caravan, Plymouth Vista,
vista	355	20	Minivan (Astro, Caravan, Plymouth Vista,
volkswagen	307	30	Volkswagen
volvo	307	51	Volvo
volvo	736	244	Volvo Child Seat
voyager	736	211	Voyager
voyager-pre83	309	21	Large van (Sportsman, Royal, Ram, Chevy
voyager-pre83	355	21	Large van (Sportsman, Royal, Ram, Chevy
wagon	309	6	Station Wagon (excluding van and truck b
wagon	355	6	Station Wagon (excluding van and truck b
wagoneer	309	16	Utility station wagon (Chevy Suburban,GM
wagoneer	355	16	Utility station wagon (Chevy Suburban,GM
walk-in	309	22	Step van or walk-in van (< 4,501 kgs GVW
walk-in	355	22	Step van or walk-in van (< 4,501 kgs GVW
walk-in	808	4	Private physician - walk-in or emergency
wall	209	58	Wall
wall	381	58	Wall
wall	407	58	Wall
wall	415	58	Wall
webbing	722	2	Torn webbing (stretched webbing not incl
webbing	815	41	Belt restraint webbing/buckle
wednesday	108	4	Wednesday
wee	736	240	Wee Care - 500 Series
week	108	*	ACCIDENT DAY OF WEEK
weight	331	*	CURB WEIGHT
weight	332	*	CARGO WEIGHT
weight	354	*	WEIGHT - OTHER VEHICLE
weight	710	*	WEIGHT
welsh	736	246	Welsh Travel Tot
wheel	352	*	FRONT/REAR WHEEL DRIVE
wheel	382	1	Wheels/tires
wheel	385	3	Disabling vehicle failure (e.g. wheel fe
wheel	648	9	Complete steering wheel collapse
wheel	815	4	Steering wheel rim
wheelbase	207	1	Subcompact/mini (wheelbase < 254 cm)
wheelbase	210	1	Subcompact/mini (wheelbase < 254 cm)
wheelbase	440	*	ORIGINAL WHEELBASE
white	307	82	Freightliner/White Freightliner/White
white	377	1	White (non-Hispanic)
whole	810	0	Whole region
whole	811	1	Whole Area
whole	819	9	I - N + B - Whole Spine
window	506	6	Side window
window	541	*	WIN PRECRASH STAT - WS
window	542	*	WIN PRECRASH STAT - LF
window	543	*	WIN PRECRASH STAT - RF
window	544	*	WIN PRECRASH STAT - LR
window	545	*	WIN PRECRASH STAT - RR
window	546	*	WIN PRECRASH STAT - BL
window	547	*	WIN PRECRASH STAT - RO
window	548	*	WIN PRECRASH STAT - OT
window	607	16	Window frame
window	611	16	Window frame
window	615	16	Window frame
window	619	16	Window frame

CDS 1993 Index (continued)

Item	Var	CV	Variable Name or Code Value
window	623	16	Window frame
window	627	16	Window frame
window	631	16	Window frame
window	635	16	Window frame
window	639	16	Window frame
window	643	16	Window frame
window	713	4	Sitting sideways or turned to talk with
window	815	25	Left side window glass or frame
windshield	506	1	Windshield
windshield	517	*	IMPACT GLAZING DAM - WS
windshield	525	*	CONTACT GLAZING DAM - WS
windshield	533	*	TYPE OF GLAZING - WS
windshield	541	*	WIN PRECRASH STAT - WS
windshield	607	14	Windshield
windshield	611	14	Windshield
windshield	615	14	Windshield
windshield	619	14	Windshield
windshield	623	14	Windshield
windshield	627	14	Windshield
windshield	631	14	Windshield
windshield	635	14	Windshield
windshield	639	14	Windshield
windshield	643	14	Windshield
windshield	715	1	Windshield
windshield	815	1	Windshield
wings	736	307	Wings by Bobby Mac
working	746	*	WORKING DAYS LOST
worn	721	3	Shoulder belt worn under arm
worn	729	3	Automatic shoulder belt worn under arm
wrangler	309	14	Compact utility (includes Jeep CJ-2 thru
wrangler	355	14	Compact utility (includes Jeep CJ-2 thru
wrist	819	23	W - Wrist - hand
x-rays	808	3	Emergency room records only (including a
xl	736	204	Century 400, XL
yamaha	307	76	Yamaha
year	107	*	ACCIDENT YEAR
year	306	*	MODEL YEAR
year	707	0	Up to one year
yugo	307	57	Yugo
zip	376	*	DRIVER'S ZIP CODE
zone	413	1	Extent zone 1
zone	421	1	Extent zone 1
2-door	309	2	2-door sedan, hardtop, coupe
2-door	355	2	2-door sedan, hardtop, coupe
3-door	309	3	3-door/2-door hatchback
3-door	355	3	3-door/2-door hatchback
4-door	309	4	4-door sedan, hardtop
4-door	355	4	4-door sedan, hardtop
5-door	309	5	5-door/4-door hatchback
5-door	355	5	5-door/4-door hatchback
5-pt	736	215	Commuter - 5-Pt
5mph	325	8	8 KPH (5mph)
65mph	325	105	105 KPH (65mph)

