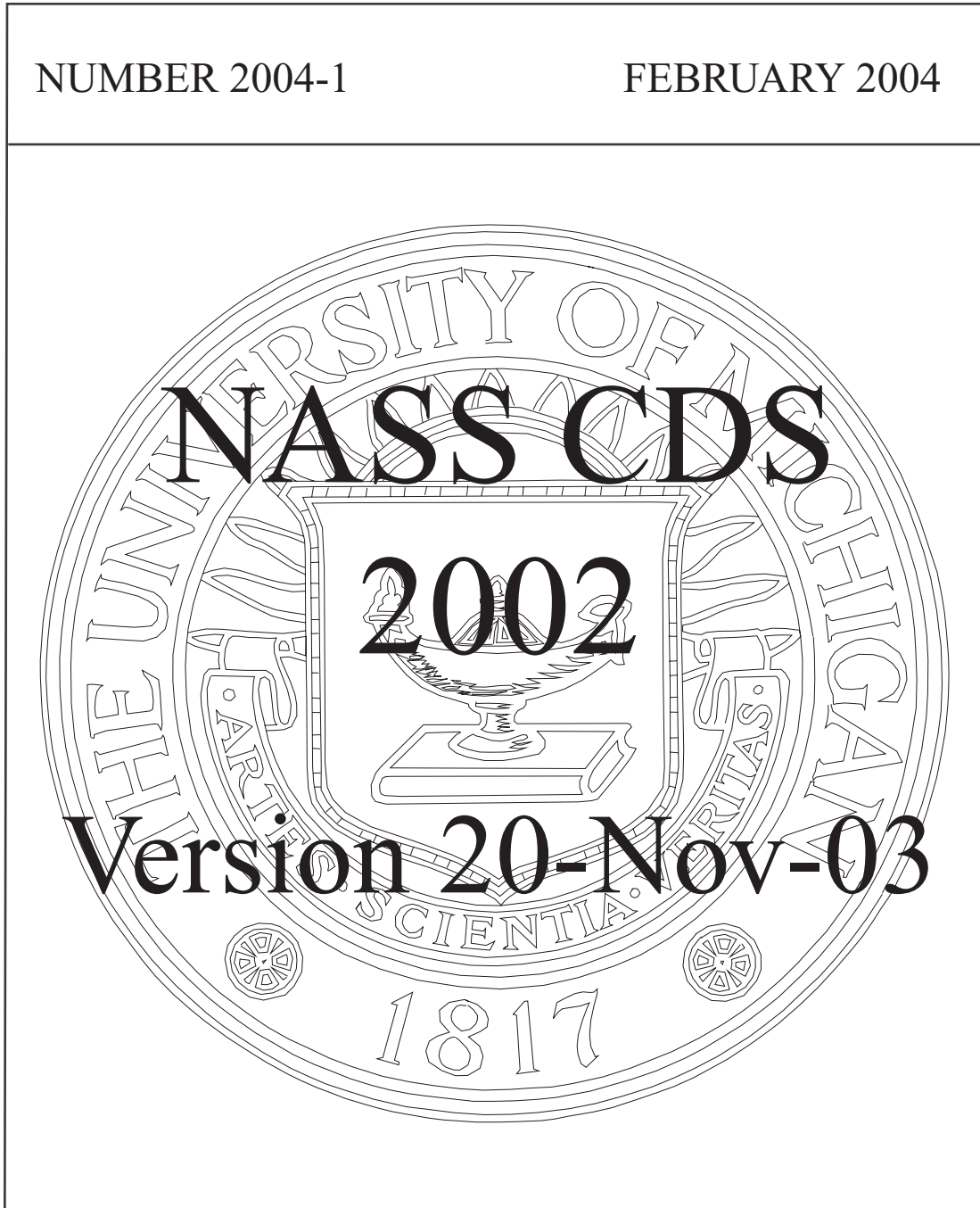


Transportation Data Center
Data Set Codebook

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The University of Michigan
Transportation Research Institute

NASS Crashworthiness Data System (CDS)

2002 Code Book - Version 20Nov03

Introduction

This code book documents data sets describing a sample of motor vehicle accidents that occurred in the USA during calendar year 2002. These sets represent the NASS Crashworthiness Data System distribution file dated November 20, 2003. 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 1988-2002 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 (GVWR < 4,536 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 2002 motor vehicle accidents for which candidate accidents were chosen with varying probabilities according to a scheme detailed in the Coding and Editing Manual.¹

¹ National Center for Statistics and Analysis, National Automotive Sampling System, Crashworthiness Data System, 2000 Coding and Editing Manual, February 2000.

The coding manual provides detailed information on the interpretation and coding protocol for each information element.

The relational data set supplied by NCSA contains eight 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 A - One record for selected vehicles describing door and window damage;
- 6) Interior Vehicle Damage B - One record for selected vehicles describing intrusion and other interior damage;
- 7) Occupant Assessment - One record for every vehicle occupant describing general occupant parameters;
- 8) 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 sets was itself generated by a join of the General Vehicle, Exterior Vehicle Damage, Interior Damage A, and Interior Damage B 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 503, 603, or 703).

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

Characteristics of the NASS 2002 CDS Data Sets

DATA SET	KEY	Freq	VARIABLES
Accident	CDS02ACC	4,589	101-121,201-211
Injury	CDS02INJ	28,802	101-121,201-211,301-408, 501-569,601-648,701-756, 801-879,901-921
Occupant	CDS02OCC	10,435	101-121,201-211,301-408, 501-569,601-648,701-756, 801-879
Two-vehicle acc	CDS02TVA	2,419	101-121,201-211,301-408, 801-879,1301-1408, 1801-1879
Vehicle	CDS02VEH	8,154	101-121,201-211,301-408, 501-569,601-648,701-756

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 CDS02ACC, vehicle and vehicle damage frequencies from CDS02VEH, occupant frequencies from CDS02OCC, and injury frequencies from CDS02INJ.

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 - V121 - Accident
V201 - V211 - Event #1
V301 - V408 - Vehicle #1
V801 - V879 - Occupant information for Driver #1
V1301 - V1408 - Vehicle #2
V1801 - V1879 - Occupant information for Driver #2

The code book may be used for the definition of variables V100 through V879. Variables V1301 - V1408 have the same definition as V301 - V408, and variables V1801 - V1879 have the same definition as V801 - V879.

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 or by emailing TDC-UMTRI@umich.edu.

For more information about our full line of services, please visit our website: <http://www.umtri.umich.edu/tdc/>. The most current TDC codebooks are available there in PDF format and codebooks can now be ordered online.

NASS Crashworthiness Data System (CDS)
2002 - 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	2	Numeric	1
104	VERSION NUMBER	2	Numeric	1
105	NUM GEN VEH FORMS SUBMIT	2	Numeric	1
106	ACCIDENT MONTH	2	Numeric	2
107	ACCIDENT YEAR	4	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	5
118	MANNER OF COLLISION	1	Numeric	5
119	PSU STRATRUM	2	Numeric	5
120	IMPACT FIRES	1	Numeric	5
121	AOPSS STUDY	1	Numeric	6

NASS Crashworthiness Data System (CDS)
2002 - Accident Event Sequence

Variable Number	Variable Name	Width	Storage Type	Page Number
201	PSU NUMBER	2	Numeric	7
202	CASE NUMBER	4	Alphabetic	7
203	RECORD NUMBER	2	Numeric	7
204	VERSION NUMBER	2	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	9
209	VEH NUM/OBJ CONTACT (2)	2	Numeric	9
210	CLASS OF VEHICLE (2)	2	Numeric	11
211	GEN AREA OF DAMAGE (2)	2	Numeric	12

NASS Crashworthiness Data System (CDS)
2002 - 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	2	Numeric	13
304	VERSION NUMBER	2	Numeric	13
305	VEHICLE NUMBER	2	Numeric	13
306	MODEL YEAR	4	Numeric	14
307	VEHICLE MAKE	2	Numeric	14
308	MAKE/MODEL	5	Numeric	16
309	BODY TYPE	2	Numeric	43
310	VIN	10	Alphabetic	45
311	VIN - CHARACTER #1	1	Alphabetic	45
312	VIN - CHARACTER #2	1	Alphabetic	45
313	VIN - CHARACTER #3	1	Alphabetic	46
314	VIN - CHARACTER #4	1	Alphabetic	46
315	VIN - CHARACTER #5	1	Alphabetic	46
316	VIN - CHARACTER #6	1	Alphabetic	46
317	VIN - CHARACTER #7	1	Alphabetic	46
318	VIN - CHARACTER #8	1	Alphabetic	46
319	VIN - CHARACTER #9	1	Alphabetic	46
320	VIN - CHARACTER #10	1	Alphabetic	46
321	VIN LENGTH	2	Numeric	46
322	TYPE OF VEH INSPECTION	1	Numeric	47
323	VEHICLE DISPOSITION	1	Numeric	47
324	VEHICLE CURB WEIGHT	3	Numeric	47
325	VEHICLE CARGO WEIGHT	3	Numeric	47
326	TOWED TRAILING UNIT	1	Numeric	48
327	VEHICLE SPECIAL USE	1	Numeric	48
328	FRONT OVERRIDE/UNDERRIDE	1	Numeric	48
329	REAR OVERRIDE/UNDERRIDE	1	Numeric	49
330	ANTILOCK BRAKES	1	Numeric	49
331	FOUR WHEEL DRIVE	2	Numeric	49
332	FRONT WHEEL DRIVE	2	Numeric	50
333	FRONT/REAR WHEEL DRIVE	1	Numeric	50
334	# WHEELS/# DRIVE WHEELS	2	Numeric	50
335	CARBURETION	2	Numeric	50
336	FUEL CODE	2	Numeric	51
337	ROOF	1	Numeric	51
338	OPTIONAL ROOF 1	1	Numeric	52
339	OPTIONAL ROOF 2	1	Numeric	52
340	DAYLIGHT RUNNING LIGHTS	2	Numeric	52
341	VINA SERIES TRUCK	3	Alphabetic	53
342	TYPE OF VEHICLE	2	Numeric	53
343	VIN VEH WEIGHT - CAR	4	Numeric	53
344	VIN MODEL CARS	3	Alphabetic	53
345	VIN BODY TYPE	2	Alphabetic	53
346	VIN MAKE	5	Alphabetic	56
347	VIN MODEL YEAR	4	Numeric	56
348	TRUCK WEIGHT CODE	1	Numeric	57
349	MTRCYCLE ENGINE DISPLACE	4	Numeric	57
350	WEIGHT - OTHER VEHICLE	3	Numeric	57

NASS Crashworthiness Data System (CDS)
2002 - General Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
351	BODY TYPE - OTHER VEH	2	Numeric	58
352	ROLLOVER	2	Numeric	60
353	ROLLOVER INITIATION TYPE	2	Numeric	60
354	LOCATION OF ROLLOVER INI	1	Numeric	61
355	ROLLOVER INIT OBJ CONTAC	2	Numeric	61
356	PRIN TRIP FORCE APPLIED	1	Numeric	62
357	DIRECTION OF INITIAL ROL	1	Numeric	63
358	HEADING ANGLE - THIS VEH	3	Numeric	63
359	HEADING ANGLE - OTH VEH	3	Numeric	63
360	RECONSTRUCT CONFIDENCE	1	Numeric	64
361	BASIS FOR TOTAL DELTA-V	2	Numeric	64
362	TOTAL DELTA-V	3	Numeric	64
363	LONG COMPONENT DELTA-V	4	Numeric	65
364	LAT COMPONENT DELTA-V	4	Numeric	65
365	ENERGY ABSORPTION	4	Numeric	65
366	BARRIER EQUIVALENT SPEED	3	Numeric	66
367	EST HIGHEST DELTA V	1	Numeric	66
368	SPEED LIMIT (KMPH)	3	Numeric	66
369	TRAVEL SPEED (KMPH)	3	Numeric	67
370	IMPACT SPEED	3	Numeric	67
371	ACCIDENT TYPE	2	Numeric	67
372	TRAJECTORY DATA DOC	1	Numeric	67
373	POST COLL TREE/POLE COND	1	Numeric	68
374	DISTRACTION TO DRIVING	2	Numeric	68
375	PRE-EVENT MOVEMENT	2	Numeric	69
376	CRITICAL PRECRASH EVENT	2	Numeric	69
377	PRE-IMPACT STABILITY	1	Numeric	71
378	PRE-IMPACT LOCATION	1	Numeric	71
379	ATTEMPTED AVOID MANEUVER	2	Numeric	71
380	RELATION TO INTERCHANGE	1	Numeric	72
381	TRAFFICWAY FLOW	1	Numeric	72
382	NUMBER OF TRAVEL LANES	1	Numeric	72
383	ROADWAY ALIGNMENT	1	Numeric	72
384	ROADWAY PROFILE	1	Numeric	73
385	ROADWAY SURFACE TYPE	1	Numeric	73
386	ROADWAY SURFACE CONDITION	1	Numeric	73
387	LIGHT CONDITIONS	1	Numeric	74
388	ATMOSPHERIC CONDITIONS	1	Numeric	74
389	TRAFFIC CONTROL DEVICE	1	Numeric	74
390	CONTROL DEVICE FUNCTION	1	Numeric	75
391	DRIVER PRESENCE	1	Numeric	75
392	ALCOHOL PRESENCE	1	Numeric	75
393	ALCOHOL TEST RESULT	2	Numeric	75
394	OTHER DRUG PRESENCE	1	Numeric	76
395	OTH DRUG - SPECIMEN TEST	1	Numeric	76
396	DRIVER'S ZIP CODE	5	Numeric	76
397	DRIVER'S RACE/ETHNIC	1	Numeric	77
398	AOPS VEHICLE	1	Numeric	77
399	AIR BAG DEPLOY 1ST SEAT	1	Numeric	77
400	AIR BAG DEPLOY OTH SEAT	1	Numeric	78

NASS Crashworthiness Data System (CDS)
2002 - General Vehicle

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
401	RESTRAINT TYPE	2	Numeric	78
402	MAXIMUM TREATMENT	1	Numeric	79
403	MAXIMUM KNOWN AIS	1	Numeric	79
404	NUM SERIOUSLY INJURED	2	Numeric	79
405	NUMBER INJURED	2	Numeric	80
406	NUMBER OF OCCUPANTS	2	Numeric	80
407	NUMBER OCCUPANT FORMS	2	Numeric	80
408	DELTA V EVENT NUMBER	2	Numeric	80

NASS Crashworthiness Data System (CDS)
2002 - Exterior Damage

Variable Number	Variable Name	Width	Storage Type	Page Number
501	PSU NUMBER	2	Numeric	83
502	CASE NUMBER	4	Alphabetic	83
503	RECORD NUMBER	2	Numeric	83
504	VERSION NUMBER	2	Numeric	83
505	VEHICLE NUMBER	2	Numeric	83
506	ACCIDENT SEQUENCE (1)	2	Numeric	84
507	OBJECT CONTACTED (1)	2	Numeric	84
508	DIRECTION OF FORCE (1)	2	Numeric	85
509	DEFORMATION LOCATION (1)	1	Alphabetic	86
510	LONG/LAT LOCATION (1)	1	Alphabetic	86
511	VERT/LAT LOCATION (1)	1	Alphabetic	86
512	TYPE OF DISTRIB (1)	1	Alphabetic	86
513	DEFORMATION EXTENT (1)	2	Numeric	87
514	DEFORM LOC (1) - NUMERIC	2	Numeric	87
515	LONG/LAT LOC (1)-NUMERIC	2	Numeric	87
516	VERT/LAT LOC (1)-NUMERIC	2	Numeric	88
517	TYPE OF DISTRIB (1)-NUM	2	Numeric	89
518	ACCIDENT SEQUENCE (2)	2	Numeric	89
519	OBJECT CONTACTED (2)	2	Numeric	90
520	DIRECTION OF FORCE (2)	2	Numeric	91
521	DEFORMATION LOCATION (2)	1	Alphabetic	92
522	LONG/LAT LOCATION (2)	1	Alphabetic	92
523	VERT/LAT LOCATION (2)	1	Alphabetic	92
524	TYPE OF DISTRIB (2)	1	Alphabetic	92
525	DEFORMATION EXTENT (2)	2	Numeric	92
526	DEFORM LOC (2) - NUMERIC	2	Numeric	92
527	LONG/LAT LOC (2)-NUMERIC	2	Numeric	93
528	VERT/LAT LOC (2)-NUMERIC	2	Numeric	93
529	TYPE OF DISTRIB (2)-NUM	2	Numeric	94
530	HIGHEST DELTA-V - "L"	3	Numeric	95
531	HIGHEST DELTA-V - "C1"	3	Numeric	95
532	HIGHEST DELTA-V - "C2"	3	Numeric	95
533	HIGHEST DELTA-V - "C3"	3	Numeric	95
534	HIGHEST DELTA-V - "C4"	3	Numeric	95
535	HIGHEST DELTA-V - "C5"	3	Numeric	95
536	HIGHEST DELTA-V - "C6"	3	Numeric	95
537	HIGHEST DELTA-V - "D"	4	Numeric	96
538	SECOND DELTA-V - "L"	3	Numeric	96
539	SECOND DELTA-V - "C1"	3	Numeric	96
540	SECOND DELTA-V - "C2"	3	Numeric	96
541	SECOND DELTA-V - "C3"	3	Numeric	96
542	SECOND DELTA-V - "C4"	3	Numeric	96
543	SECOND DELTA-V - "C5"	3	Numeric	96
544	SECOND DELTA-V - "C6"	3	Numeric	96
545	SECOND DELTA-V - "D"	4	Numeric	96
546	CDC'S DOC/NOT CODED	1	Numeric	96
547	VEHICLE DISPOSITION	1	Numeric	97
548	ORIGINAL WHEELBASE	3	Numeric	97
549	MULTI-STAGE VEHICLE	1	Numeric	97
550	FIRE OCCURRENCE	1	Numeric	97

NASS Crashworthiness Data System (CDS)
2002 - Exterior Damage

Variable Number	Variable Name	Width	Storage Type	Page Number
551	ORIGIN OF FIRE	1	Numeric	98
552	TYPE OF FUEL TANK 1	1	Numeric	98
553	TYPE OF FUEL TANK 2	1	Numeric	98
554	FUEL TANK 1 LOCATION	1	Numeric	98
555	FUEL TANK 2 LOCATION	1	Numeric	99
556	FUEL TANK 1 FILLER CAP	1	Numeric	99
557	FUEL TANK 2 FILLER CAP	1	Numeric	100
558	FUEL TANK 1 DAMAGE	1	Numeric	100
559	FUEL TANK 2 DAMAGE	1	Numeric	100
560	LOCATION OF FUEL 1 LEAK	1	Numeric	101
561	LOCATION OF FUEL 2 LEAK	1	Numeric	101
562	FUEL TYPE 1	2	Numeric	102
563	FUEL TYPE 2	2	Numeric	102
564	MORE THAN 2 FUEL TANKS	1	Numeric	103
565	UNDEFORMED END WIDTH	3	Numeric	103
566	DIRECT DAMAGE WIDTH	3	Numeric	103
567	ORIGINAL AVE. TRACK WID.	3	Numeric	104
568	PDOF1-CLOCK DEGREES	3	Numeric	104
569	PDOF2-CLOCK DEGREES	3	Numeric	104

NASS Crashworthiness Data System (CDS)
2002 - Interior Damage A

Variable Number	Variable Name	Width	Storage Type	Page Number
601	PSU NUMBER	2	Numeric	105
602	CASE NUMBER	4	Alphabetic	105
603	RECORD NUMBER	2	Numeric	105
604	VERSION NUMBER	2	Numeric	105
605	VEHICLE NUMBER	2	Numeric	105
606	PASS COMPART INTEGRITY	2	Numeric	106
607	DOOR/GATE/HATCH OPN - LF	1	Numeric	106
608	DOOR/GATE/HATCH OPN - RF	1	Numeric	106
609	DOOR/GATE/HATCH OPN - LR	1	Numeric	107
610	DOOR/GATE/HATCH OPN - RR	1	Numeric	107
611	DOOR/GATE/HATCH OPN - TG	1	Numeric	107
612	DOOR/GATE/HATCH DAM - LF	1	Numeric	108
613	DOOR/GATE/HATCH DAM - RF	1	Numeric	108
614	DOOR/GATE/HATCH DAM - LR	1	Numeric	108
615	DOOR/GATE/HATCH DAM - RR	1	Numeric	109
616	DOOR/GATE/HATCH DAM - TG	1	Numeric	109
617	IMPACT GLAZING DAM - WS	1	Numeric	110
618	IMPACT GLAZING DAM - LF	1	Numeric	110
619	IMPACT GLAZING DAM - RF	1	Numeric	111
620	IMPACT GLAZING DAM - LR	1	Numeric	111
621	IMPACT GLAZING DAM - RR	1	Numeric	111
622	IMPACT GLAZING DAM - BL	1	Numeric	112
623	IMPACT GLAZING DAM - RO	1	Numeric	112
624	IMPACT GLAZING DAM - OTH	1	Numeric	112
625	CONTACT GLAZING DAM - WS	1	Numeric	113
626	CONTACT GLAZING DAM - LF	1	Numeric	113
627	CONTACT GLAZING DAM - RF	1	Numeric	114
628	CONTACT GLAZING DAM - LR	1	Numeric	114
629	CONTACT GLAZING DAM - RR	1	Numeric	115
630	CONTACT GLAZING DAM - BL	1	Numeric	115
631	CONTACT GLAZING DAM - RO	1	Numeric	115
632	CONTACT GLAZING DAM - OT	1	Numeric	116
633	TYPE OF GLAZING - WS	1	Numeric	116
634	TYPE OF GLAZING - LF	1	Numeric	117
635	TYPE OF GLAZING - RF	1	Numeric	117
636	TYPE OF GLAZING - LR	1	Numeric	117
637	TYPE OF GLAZING - RR	1	Numeric	118
638	TYPE OF GLAZING - BL	1	Numeric	118
639	TYPE OF GLAZING - RO	1	Numeric	118
640	TYPE OF GLAZING - OT	1	Numeric	119
641	WIN PRECRASH STAT - WS	1	Numeric	119
642	WIN PRECRASH STAT - LF	1	Numeric	120
643	WIN PRECRASH STAT - RF	1	Numeric	120
644	WIN PRECRASH STAT - LR	1	Numeric	120
645	WIN PRECRASH STAT - RR	1	Numeric	121
646	WIN PRECRASH STAT - BL	1	Numeric	121
647	WIN PRECRASH STAT - RO	1	Numeric	121
648	WIN PRECRASH STAT - OT	1	Numeric	122

NASS Crashworthiness Data System (CDS)
2002 - Interior Damage B

Variable Number	Variable Name	Width	Storage Type	Page Number
701	PSU NUMBER	2	Numeric	123
702	CASE NUMBER	4	Alphabetic	123
703	RECORD NUMBER	2	Numeric	123
704	VERSION NUMBER	2	Numeric	123
705	VEHICLE NUMBER	2	Numeric	123
706	INTRUSION LOCATION (1)	2	Numeric	124
707	INTRUDING COMPONENT (1)	2	Numeric	124
708	INTRUSION MAGNITUDE (1)	1	Numeric	125
709	CRUSH DIRECTION (1)	1	Numeric	125
710	INTRUSION LOCATION (2)	2	Numeric	126
711	INTRUDING COMPONENT (2)	2	Numeric	126
712	INTRUSION MAGNITUDE (2)	1	Numeric	127
713	CRUSH DIRECTION (2)	1	Numeric	127
714	INTRUSION LOCATION (3)	2	Numeric	128
715	INTRUDING COMPONENT (3)	2	Numeric	128
716	INTRUSION MAGNITUDE (3)	1	Numeric	129
717	CRUSH DIRECTION (3)	1	Numeric	129
718	INTRUSION LOCATION (4)	2	Numeric	130
719	INTRUDING COMPONENT (4)	2	Numeric	130
720	INTRUSION MAGNITUDE (4)	1	Numeric	131
721	CRUSH DIRECTION (4)	1	Numeric	131
722	INTRUSION LOCATION (5)	2	Numeric	132
723	INTRUDING COMPONENT (5)	2	Numeric	132
724	INTRUSION MAGNITUDE (5)	1	Numeric	133
725	CRUSH DIRECTION (5)	1	Numeric	133
726	INTRUSION LOCATION (6)	2	Numeric	134
727	INTRUDING COMPONENT (6)	2	Numeric	134
728	INTRUSION MAGNITUDE (6)	1	Numeric	135
729	CRUSH DIRECTION (6)	1	Numeric	135
730	INTRUSION LOCATION (7)	2	Numeric	136
731	INTRUDING COMPONENT (7)	2	Numeric	136
732	INTRUSION MAGNITUDE (7)	1	Numeric	137
733	CRUSH DIRECTION (7)	1	Numeric	137
734	INTRUSION LOCATION (8)	2	Numeric	138
735	INTRUDING COMPONENT (8)	2	Numeric	138
736	INTRUSION MAGNITUDE (8)	1	Numeric	139
737	CRUSH DIRECTION (8)	1	Numeric	139
738	INTRUSION LOCATION (9)	2	Numeric	140
739	INTRUDING COMPONENT (9)	2	Numeric	140
740	INTRUSION MAGNITUDE (9)	1	Numeric	141
741	CRUSH DIRECTION (9)	1	Numeric	141
742	INTRUSION LOCATION (10)	2	Numeric	142
743	INTRUDING COMPONENT (10)	2	Numeric	142
744	INTRUSION MAGNITUDE (10)	1	Numeric	143
745	CRUSH DIRECTION (10)	1	Numeric	143
746	STEERING COLUMN TYPE	1	Numeric	144
747	STEERING COLUMN TILT	1	Numeric	144
748	STEERING COLUMN TELESCOP	1	Numeric	144
749	RIM/SPOKE DEFORMATION	2	Numeric	144
750	RIM/SPOKE DEF LOCATION	2	Numeric	145

NASS Crashworthiness Data System (CDS)
2002 - Interior Damage B

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
751	ODOMETER READING	3	Numeric	145
752	INSTRUMENT PANEL DAMAGE	1	Numeric	146
753	KNEE BOLSTER TYPE	1	Numeric	146
754	KNEE BOLSTERS DEFORMED	1	Numeric	146
755	GLOVE COMPART DOOR OPEN	1	Numeric	146
756	ADAPTIVE TECHNOLOGY	1	Numeric	147

NASS Crashworthiness Data System (CDS)
2002 - Occupant Assessment

Variable Number	Variable Name	Width	Storage Type	Page Number
801	PSU NUMBER	2	Numeric	149
802	CASE NUMBER	4	Alphabetic	149
803	RECORD NUMBER	2	Numeric	149
804	VERSION NUMBER	2	Numeric	149
805	VEHICLE NUMBER	2	Numeric	149
806	OCCUPANT NUMBER	2	Numeric	150
807	AGE	2	Numeric	150
808	SEX	1	Numeric	150
809	HEIGHT	3	Numeric	150
810	WEIGHT	3	Numeric	151
811	OCCUPANT'S ROLE	1	Numeric	151
812	OCCUPANT'S SEAT POSITION	2	Numeric	151
813	OCCUPANT'S POSTURE	1	Numeric	152
814	EJECTION	1	Numeric	152
815	EJECTION AREA	1	Numeric	152
816	EJECTION MEDIUM	1	Numeric	153
817	MEDIUM STATUS	1	Numeric	153
818	ENTRAPMENT	1	Numeric	153
819	OCCUPANT MOBILITY	1	Numeric	153
820	MANUAL BELT AVAILABILITY	1	Numeric	154
821	MANUAL BELT USE	2	Numeric	154
822	MANUAL BELT PROPER USE	1	Numeric	155
823	MANUAL BELT FAILURE	1	Numeric	155
824	SHOULDER BELT ANCHOR ADJ	1	Numeric	155
825	AUTO RESTRAINT AVAILABLE	1	Numeric	156
826	AUTO (PASSIV) SYSTEM USE	1	Numeric	156
827	AUTO BELT SYSTEM TYPE	1	Numeric	156
828	PROPER USE OF AUTO BELT	1	Numeric	157
829	AUTO BELT FAILURE MODES	1	Numeric	157
830	PAR RESTRAINT USE	1	Numeric	158
831	AIR BAG AVAIL/FUN POLICE	1	Numeric	158
832	AIR BAG AVAIL/FUNCTION	1	Numeric	158
833	AIR BAG DEPLOYMENT	1	Numeric	159
834	AB AVAIL/OTHER	1	Numeric	159
835	AIR BAG DEPLOY/OTHER	1	Numeric	159
836	AIR BAG SYSTEM FAILURE	1	Numeric	160
837	AB DEPLOY/PREVIOUS ACC	1	Numeric	160
838	AIR BAG TYPE	1	Numeric	160
839	AIR BAG MAINTENANCE	1	Numeric	161
840	AIR BAG EVENT NUMBER	2	Numeric	161
841	CDC OF AIR BAG DEPLOY	1	Numeric	161
842	AB ASSOC LONG DELTA V	4	Numeric	162
843	AB FLAPS OPEN CORRECTLY	1	Numeric	162
844	AB FLAPS DAMAGED	1	Numeric	162
845	AB DAMAGED	2	Numeric	163
846	AB DAMAGE SOURCE	2	Numeric	163
847	AB TETHERED	1	Numeric	164
848	AIR BAG VENT PORTS	1	Numeric	164
849	AB CONTACTED BY OTHER OC	1	Numeric	164
850	EYEWEAR WORN	1	Numeric	165

NASS Crashworthiness Data System (CDS)
2002 - Occupant Assessment

Variable Number	Variable Name	Width	Storage Type	Page Number
851	HEAD RESTRAINT TYPE/DAM	1	Numeric	165
852	SEAT TYPE	2	Numeric	165
853	SEAT ORIENTATION	1	Numeric	166
854	SEAT TRACK	1	Numeric	166
855	SEAT BACK INCLINE	2	Numeric	167
856	SEAT PERFORMANCE	1	Numeric	167
857	CHILD SEAT MAKE/MODEL	3	Numeric	168
858	CHILD SEAT TYPE	1	Numeric	170
859	CHILD SEAT ORIENTATION	2	Numeric	170
860	CHILD SEAT HARNESS USE	2	Numeric	171
861	CHILD SEAT SHIELD USE	2	Numeric	171
862	CHILD SEAT TETHER USE	2	Numeric	172
863	INJURY SEVERITY	1	Numeric	172
864	TREATMENT/MORTALITY	1	Numeric	172
865	TYPE OF MEDICAL FACILITY	1	Numeric	173
866	HOSPITAL STAY	2	Numeric	173
867	WORKING DAYS LOST	2	Numeric	173
868	TIME TO DEATH	2	Numeric	174
869	CAUSE OF DEATH-1-MED REP	2	Numeric	174
870	CAUSE OF DEATH-2-MED REP	2	Numeric	175
871	CAUSE OF DEATH-3-MED REP	2	Numeric	175
872	NUM RECORDED INJURIES	2	Numeric	175
873	GLASGOW COMA SCALE SCORE	2	Numeric	175
874	WAS OCCUPANT GIVEN BLOOD	1	Numeric	176
875	ARTERIAL BLOOD GASES	2	Numeric	176
876	BELT USE DETERMINATION	1	Numeric	176
877	MAXIMUM KNOWN AIS	1	Numeric	177
878	INJURY SEVERITY SCORE	2	Numeric	177
879	REDESIGN AIR BAG CLASS	1	Numeric	177

NASS Crashworthiness Data System (CDS)
2002 - Occupant Injury

Variable Number	Variable Name	Width	Storage Type	Page Number
901	PSU NUMBER	2	Numeric	179
902	CASE NUMBER	4	Alphabetic	179
903	RECORD NUMBER	2	Numeric	179
904	VERSION NUMBER	2	Numeric	179
905	VEHICLE NUMBER	2	Numeric	179
906	OCCUPANT NUMBER	2	Numeric	180
907	INJURY NUMBER	2	Numeric	180
908	INJURY DATA SOURCE	1	Numeric	180
909	BODY REGION - AIS90	1	Numeric	180
910	ASPECT - AIS90	1	Numeric	181
911	TYPE OF ANATOMIC STRUCT	1	Numeric	181
912	SPECIFIC ANATOMIC STRUCT	2	Numeric	181
913	LEVEL OF INJURY	2	Numeric	182
914	AIS SEVERITY	1	Numeric	182
915	INJURY SOURCE	3	Numeric	183
916	CONFIDENCE LEVEL	1	Numeric	186
917	DIRECT/INDIRECT INJURY	1	Numeric	186
918	INTRUSION NUMBER	2	Numeric	187
919	OIC - BODY REGION	2	Numeric	187
920	OIC - LESION	2	Numeric	187
921	OIC - SYSTEM ORGAN	2	Numeric	188

The ACCIDENT Variables
Variables 101 through 121 describe the accident.

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

Primary Sampling Unit Number

Variable 102	CASE NUMBER	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

Variable 103	RECORD NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt Code Value and Description

4589	100.0	1	Accident record
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Variable 104	VERSION NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt Code Value and Description

4589	100.0	15	Version 15
------	-------	----	------------

Variable 105	NUM GEN VEH FORMS SUBMIT	Width: 2	Type: Numeric
		Dec: None	Miss: None

Number of General Vehicle forms submitted

20Nov03 Prcnt Code Value and Description

1664	36.3	1	1 vehicle form
2419	52.7	2	2 vehicle forms
407	8.9	3	3 vehicle forms
74	1.6	4	4 vehicle forms
18	0.4	5	5 vehicle forms
6	0.1	6	6 vehicle forms
1	0.0	9	9 vehicle forms

NASS Crashworthiness Data System (CDS)
2002 - Accident

Variable 106	ACCIDENT MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt Code Value and Description

364	7.9	1	January
339	7.4	2	February
389	8.5	3	March
343	7.5	4	April
421	9.2	5	May
368	8.0	6	June
394	8.6	7	July
389	8.5	8	August
388	8.5	9	September
397	8.7	10	October
398	8.7	11	November
399	8.7	12	December

Variable 107	ACCIDENT YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt Code Value and Description

4589	100.0	2002	2002
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Variable 108	ACCIDENT DAY OF WEEK	Width: 1	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt Code Value and Description

598	13.0	1	Sunday
620	13.5	2	Monday
657	14.3	3	Tuesday
655	14.3	4	Wednesday
647	14.1	5	Thursday
706	15.4	6	Friday
706	15.4	7	Saturday

Variable 109	ACCIDENT TIME	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

Accident time of day - 2400-hour clock

20Nov03 Prcnt Code Value and Description

7	0.2	1	12:01 am
		-	
3	0.1	2359	11:59 pm
1	0.0	2400	Midnight
11	0.2	9999	Unknown

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

Number of events recorded in the accident

20Nov03 Prcnt Code Value and Description

2337	50.9	1	
		-	Number of events
7	0.2	10	

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

20Nov03 Prcnt Code Value and Description

902	19.7	0	No treatment
377	8.2	1	Fatal
11	0.2	2	Fatal - ruled disease
1359	29.6	3	Hospitalization
1639	35.7	4	Transported and released
44	1.0	5	Treatment at scene
120	2.6	6	Treatment later
0	0.0	7	Treatment - other
71	1.5	8	Transported to a medical facility - unknown if treated
66	1.4	9	Unknown

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

20Nov03 Prcnt Code Value and Description

771	16.8	0	Not injured
1775	38.7	1	Minor injury
668	14.6	2	Moderate injury
574	12.5	3	Serious injury
216	4.7	4	Severe injury
184	4.0	5	Critical injury
66	1.4	6	Maximum (untreatable) injury
303	6.6	7	Injury, unknown severity
32	0.7	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

20Nov03 Prcnt Code Value and Description

3488	76.0	0	None
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Variable 113:NUM SERIOUSLY INJ OCC (Continued)

20Nov03 Prcnt Code Value and Description

916	20.0	1	
		-	Number of persons
1	0.0	7	
1	0.0	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

20Nov03 Prcnt Code Value and Description

802	17.5	0	None
1846	40.2	1	
		-	Number of persons
1	0.0	10	
1	0.0	99	Unknown

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

Was alcohol involved in the accident?

20Nov03 Prcnt Code Value and Description

795	17.3	1	Yes
3150	68.6	2	No
644	14.0	9	Unknown

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

Case sample weight

Sample weight assigned to each case representing the probability of sampling. In 2002 there are 8 cases with a weight of 0, they are oversampled and not part of NASS sample design.

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

Was drug usage involved in the accident?

20Nov03 Prcnt Code Value and Description

309	6.7	1	Yes
3246	70.7	2	No
1034	22.5	9	Not Coded

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

20Nov03 Prcnt Code Value and Description

1726	37.6	0	Not collision with vehicle in transport
680	14.8	1	Rear-end
211	4.6	2	Head-on
1650	36.0	4	Angle
147	3.2	5	Sideswipe, same direction
114	2.5	6	Sideswipe, opposite direction
61	1.3	9	Unknown

Variable 119 PSU STRATRUM Width: 2 Type: Numeric
Dec: None Miss: None

20Nov03 Prcnt Code Value and Description

277	6.0	1
		-
260	5.7	12

Variable 120 IMPACT FIRES Width: 1 Type: Numeric
Dec: None Miss: None

Impact Fires Crash Data Study

20Nov03 Prcnt Code Value and Description

4557	99.3	0	No
32	0.7	1	Yes

<u>Variable 121</u>	<u>AOPSS STUDY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

Advanced Occupant Protection Special Study

20Nov03	Prcnt	Code	Value and Description
4530	98.7	0	No
59	1.3	1	Yes

The ACCIDENT EVENT SEQUENCE Variables

Variables 201 through 211 describe the accident first event sequence.

Variable 201	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

Variable 202	CASE NUMBER	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

Variable 203	RECORD NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt	Code Value and Description
4589 100.0	2 Event record

Variable 204	VERSION NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt	Code Value and Description
4589 100.0	15 Version 15

Variable 205	EVENT SEQUENCE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

Chronological sequence of events in the accident

20Nov03 Prcnt	Code Value and Description
4589 100.0	1 1st event

Variable 206	VEHICLE NUMBER (1)	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt	Code Value and Description
4364 95.1	1 Vehicle #1
184 4.0	2 Vehicle #2
32 0.7	3 Vehicle #3

Variable 206:VEHICLE NUMBER (1) (Continued)

20Nov03	Prcnt	Code	Value and Description
5	0.1	4	Vehicle #4
2	0.0	5	Vehicle #5
1	0.0	6	Vehicle #6
1	0.0	8	Vehicle #8

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

20Nov03 Prcnt Code Value and Description

0	0.0	0	Not a motor vehicle
530	11.5	1	Subcompact/mini (wheelbase < 254 cm)
1031	22.5	2	Compact (wheelbase => 254 but < 265 cm)
925	20.2	3	Intermediate (wheelbase => 265 but < 278 cm)
324	7.1	4	Full size (wheelbase => 278 but < 291 cm)
165	3.6	5	Largest (wheelbase > or = 291 cm)
25	0.5	9	Unknown passenger car size
494	10.8	14	Compact utility vehicle
94	2.0	15	Large utility vehicle (< or = 4,536 kgs GVWR)
22	0.5	16	Utility station wagon (< or = 4,536 kgs GVWR)
3	0.1	19	Unknown utility type
238	5.2	20	Minivan (< or = 4,536 kgs GVWR)
91	2.0	21	Large van (< or = 4,536 kgs GVWR)
1	0.0	24	Van based school bus (< or = 4,536 kgs GVWR)
9	0.2	28	Other van type (< or = 4,536 kgs GVWR)
1	0.0	29	Unknown van type (< or = 4,536 kgs GVWR)
258	5.6	30	Compact Pickup truck (< or = 4,536 kgs GVWR)
321	7.0	31	Large Pickup truck (< or = 4,536 kgs GVWR)
0	0.0	38	Other Pickup truck (< or = 4,536 kgs GVWR)
9	0.2	39	Unknown Pickup truck (< or = 4,536 kgs GVWR)
7	0.2	45	Other light truck (< or = 4,536 kgs GVWR)
1	0.0	48	Unknown light truck (< or = 4,536 kgs GVWR)
0	0.0	49	Unknown light vehicle type
1	0.0	50	School bus (excludes van based) (> 4,536 kgs GVWR)
0	0.0	58	Other bus (> 4,536 kgs GVWR)
0	0.0	59	Unknown bus type
13	0.3	60	Truck (> 4,536 kgs GVWR)
2	0.0	67	Tractor without trailer
21	0.5	68	Tractor-trailer(s)
1	0.0	78	Unknown medium/heavy truck type
1	0.0	79	Unknown light/medium/heavy truck type
0	0.0	80	Motored cycle
1	0.0	90	Other vehicle

Variable 207:CLASS OF VEHICLE (1) (Continued)

20Nov03	Prcnt	Code	Value and Description
0	0.0	99	Unknown

Variable 208	GEN AREA OF DAMAGE (1)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
0	0.0	0	(0) Not a motor vehicle
2920	63.6	1	(F) Front
622	13.6	2	(R) Right Side
625	13.6	3	(L) Left Side
148	3.2	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
0	0.0	7	(V) Front of cargo area
195	4.2	8	(T) Top
67	1.5	9	(U) Undercarriage
2	0.0	96	(N) Noncollision
10	0.2	99	(9) Unknown

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

Vehicle or object contacted

20Nov03	Prcnt	Code	Value and Description
174	3.8	1	Vehicle Number 1
2622	57.1	2	Vehicle Number 2
54	1.2	3	Vehicle Number 3
12	0.3	4	Vehicle Number 4
1	0.0	5	Vehicle Number 5
1	0.0	7	Vehicle Number 7
			Noncollision
223	4.9	31	Overturn - rollover (excludes end-over-end)
0	0.0	32	Rollover - end-over-end
0	0.0	33	Fire or explosion
0	0.0	34	Jackknife
0	0.0	35	Other intraunit damage
0	0.0	36	Noncollision injury
2	0.0	38	Other noncollision
0	0.0	39	Noncollision - details unknown

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

20Nov03	Prcnt	Code	Value and Description
			Collision with fixed object
41	0.9	41	Tree (< or = 10 cm in diameter)
243	5.3	42	Tree (> 10 cm in diameter)
19	0.4	43	Shrubbery or bush
62	1.4	44	Embankment
43	0.9	45	Breakaway pole or post (any diameter)
			Nonbreakaway pole or post
62	1.4	50	Pole or post (< or = 10 cm in diameter)
140	3.1	51	Pole or post (> 10 or < or = 30 cm in diameter)
79	1.7	52	Pole or post (> 30 cm in diameter)
11	0.2	53	Pole, post - diameter unknown
126	2.7	54	Concrete traffic barrier
4	0.1	55	Impact attenuator
129	2.8	56	Other traffic barrier (includes guardrail)
36	0.8	57	Fence
33	0.7	58	Wall
8	0.2	59	Building
69	1.5	60	Ditch or culvert
16	0.3	61	Ground
10	0.2	62	Fire hydrant
109	2.4	63	Curb
31	0.7	64	Bridge
57	1.2	68	Other fixed object
2	0.0	69	Unknown fixed object
			Collision with nonfixed object
95	2.1	70	Passenger car, light truck, van or other vehicle not in-transport
7	0.2	71	Medium/heavy truck or bus not in-transport
3	0.1	72	Pedestrian
0	0.0	73	Cyclist or cycle
2	0.0	74	Other nonmotorist or conveyance
0	0.0	75	Vehicle occupant
28	0.6	76	Animal
5	0.1	77	Train
2	0.0	78	Trailer, disconnected in transport
3	0.1	79	Object fell from vehicle in transport
24	0.5	88	Other nonfixed object
0	0.0	89	Unknown nonfixed object
0	0.0	98	Other event
1	0.0	99	Unknown event or object

Variable 210	CLASS OF VEHICLE (2)	Width: 2	Type: Numeric
		Dec: None	Miss: 99
20Nov03 Prcnt	Code Value and Description		
1725 37.6	0 Not a motor vehicle		
283 6.2	1 Subcompact/mini (wheelbase < 254 cm)		
517 11.3	2 Compact (wheelbase => 254 but < 265 cm)		
534 11.6	3 Intermediate (wheelbase => 265 but < 278 cm)		
182 4.0	4 Full size (wheelbase => 278 but < 291 cm)		
100 2.2	5 Largest (wheelbase > or = 291 cm)		
18 0.4	9 Unknown passenger car size		
292 6.4	14 Compact utility vehicle		
78 1.7	15 Large utility vehicle (< or = 4,536 kgs GVWR)		
14 0.3	16 Utility station wagon (< or = 4,536 kgs GVWR)		
0 0.0	19 Unknown utility type		
161 3.5	20 Minivan (< or = 4,536 kgs GVWR)		
56 1.2	21 Large van (< or = 4,536 kgs GVWR)		
0 0.0	24 Van based school bus (< or = 4,536 kgs GVWR)		
5 0.1	28 Other van type (< or = 4,536 kgs GVWR)		
1 0.0	29 Unknown van type (< or = 4,536 kgs GVWR)		
157 3.4	30 Compact Pickup truck (< or = 4,536 kgs GVWR)		
217 4.7	31 Large Pickup truck (< or = 4,536 kgs GVWR)		
0 0.0	38 Other Pickup truck (< or = 4,536 kgs GVWR)		
4 0.1	39 Unknown Pickup truck (< or = 4,536 kgs GVWR)		
10 0.2	45 Other light truck (< or = 4,536 kgs GVWR)		
2 0.0	48 Unknown light truck (< or = 4,536 kgs GVWR)		
0 0.0	49 Unknown light vehicle type		
7 0.2	50 School bus (excludes van based) (> 4,536 kgs GVWR)		
12 0.3	58 Other bus (> 4,536 kgs GVWR)		
0 0.0	59 Unknown bus type		
67 1.5	60 Truck (> 4,536 kgs GVWR)		
9 0.2	67 Tractor without trailer		
113 2.5	68 Tractor-trailer(s)		
12 0.3	78 Unknown medium/heavy truck type		
1 0.0	79 Unknown light/medium/heavy truck type		
8 0.2	80 Motored cycle		
4 0.1	90 Other vehicle		
0 0.0	99 Unknown		

NASS Crashworthiness Data System (CDS)
2002 - Accident Event Sequence

Variable 211	GEN AREA OF DAMAGE (2)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
1500	32.7	0	(0) Not a motor vehicle
1424	31.0	1	(F) Front
398	8.7	2	(R) Right Side
473	10.3	3	(L) Left Side
558	12.2	4	(B) Back or TDC: back of unit with cargo area (rear of trailer or straight truck)
5	0.1	5	(D) Back (rear of tractor)
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
225	4.9	96	(N) Noncollision
5	0.1	99	(9) Unknown

The GENERAL VEHICLE Variables

Variables 301 through 408 describe the vehicles involved in the accident.

Variable 301	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

Variable 302	CASE NUMBER	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

Variable 303	RECORD NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt	Code Value and Description		
8154 100.0	3	General Vehicle record	

Variable 304	VERSION NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt	Code Value and Description		
8154 100.0	15	Version 15	

Variable 305	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt	Code Value and Description		
4589 56.3	1	Vehicle #1	
2925 35.9	2	Vehicle #2	
506 6.2	3	Vehicle #3	
99 1.2	4	Vehicle #4	
25 0.3	5	Vehicle #5	
7 0.1	6	Vehicle #6	
1 0.0	7	Vehicle #7	
1 0.0	8	Vehicle #8	
1 0.0	9	Vehicle #9	

NASS Crashworthiness Data System (CDS)
2002 - General Vehicle

Variable 306	MODEL YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 99

20Nov03 Prcnt		Code Value and Description
---------------	--	----------------------------

1	0.0	1953 1953
		-
273	3.3	1990 1990
338	4.1	1991 1991
329	4.0	1992 1992
410	5.0	1993 1993
472	5.8	1994 1994
497	6.1	1995 1995
439	5.4	1996 1996
485	5.9	1997 1997
509	6.2	1998 1998
790	9.7	1999 1999
857	10.5	2000 2000
818	10.0	2001 2001
618	7.6	2002 2002
66	0.8	2003 2003
36	0.4	9999 Unknown

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

20Nov03 Prcnt		Code Value and Description
---------------	--	----------------------------

2	0.0	1 American Motors
191	2.3	2 Jeep (includes Kaiser-Jeep)
0	0.0	3 AM General
140	1.7	6 Chrysler
536	6.6	7 Dodge
0	0.0	8 Imperial
134	1.6	9 Plymouth
12	0.1	10 Eagle
1509	18.5	12 Ford
98	1.2	13 Lincoln
183	2.2	14 Mercury
231	2.8	18 Buick
118	1.4	19 Cadillac
1238	15.2	20 Chevrolet
208	2.6	21 Oldsmobile
357	4.4	22 Pontiac
192	2.4	23 GMC
123	1.5	24 Saturn
3	0.0	25 Grumman
1	0.0	29 Other domestic
82	1.0	30 Volkswagen
2	0.0	31 Alfa Romeo
14	0.2	32 Audi
0	0.0	33 Austin/Austin Healey
52	0.6	34 BMW
400	4.9	35 Nissan/Datsun

Variable 307:VEHICLE MAKE (Continued)

20Nov03	Prcnt	Code	Value and Description
0	0.0	36	Fiat
523	6.4	37	Honda
49	0.6	38	Isuzu
14	0.2	39	Jaguar
0	0.0	40	Lancia
194	2.4	41	Mazda
56	0.7	42	Mercedes Benz
2	0.0	43	MG
2	0.0	44	Peugeot
3	0.0	45	Porsche
0	0.0	46	Renault
9	0.1	47	Saab
67	0.8	48	Subaru
594	7.3	49	Toyota
0	0.0	50	Triumph
66	0.8	51	Volvo
144	1.8	52	Mitsubishi
28	0.3	53	Suzuki
64	0.8	54	Acura
89	1.1	55	Hyundai
0	0.0	56	Merkur
0	0.0	57	Yugo
30	0.4	58	Infiniti
63	0.8	59	Lexus
0	0.0	60	Daihatsu
0	0.0	61	Sterling
6	0.1	62	Land Rover
44	0.5	63	KIA
12	0.1	64	Daewoo
1	0.0	65	Cooper
1	0.0	69	Other foreign
0	0.0	70	BSA
0	0.0	71	Ducati
4	0.0	72	Harley-Davidson
2	0.0	73	Kawasaki
0	0.0	74	Moto-Guzzi
0	0.0	75	Norton
0	0.0	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
60	0.7	82	Freightliner/White Freightliner/White
0	0.0	83	FWD
54	0.7	84	International Harvester/Navistar
31	0.4	85	Kenworth
31	0.4	86	Mack
30	0.4	87	Peterbilt
0	0.0	88	Iveco/Magirus
23	0.3	98	Other make
32	0.4	99	Unknown make

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

20Nov03 Prcnt	Code Value and Description
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	American Motors	
1	0.0	1001 Rambler/American
0	0.0	1002 Rebel/Matador
0	0.0	1003 Ambassador
0	0.0	1004 Pacer
0	0.0	1005 AMX
0	0.0	1006 Javelin
0	0.0	1007 Hornet/Concord
0	0.0	1008 Spirit/Gremlin
1	0.0	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	
1	0.0	2401 CJ-2/CJ-3/CJ-4
6	0.1	2402 CJ-5/CJ-6/CJ-7/CJ-8
19	0.2	2403 YJ-Wrangler
155	1.9	2404 Cherokee (84 on)
7	0.1	2405 JEEP Liberty
0	0.0	2421 Cherokee (thru 83)
3	0.0	2431 Grand Wagoneer
0	0.0	2481 Pickup
0	0.0	2482 Comanche
0	0.0	2498 Other Light Truck
0	0.0	2499 Unk Light Truck
0	0.0	2999 Unknown vehicle
	AM General	
0	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
0	0.0	3983 Bus rear engine
0	0.0	3988 Other Bus
0	0.0	3989 Unknown Bus Type
0	0.0	3999 Unknown vehicle
	Chrysler	
0	0.0	6009 Cordoba
3	0.0	6010 Newport/New Yorker (thru 78)/5th Avenue/Imperial (79-81)
11	0.1	6014 New Yorker/E-Class/Imperial (90-on)/Fifth Avenue
0	0.0	6015 Laser
13	0.2	6016 Lebaron
4	0.0	6017 Lebaron GTS/GTC

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
1	0.0	6019	Neon (export)
0	0.0	6031	TC Maserati Sport
0	0.0	6035	Conquest
21	0.3	6041	Concorde
9	0.1	6042	LHS
27	0.3	6043	Sebring
14	0.2	6044	Cirrus
8	0.1	6051	CHRY 300M
14	0.2	6052	CHRY PT Cruiser
0	0.0	6398	Other Auto
0	0.0	6399	Unk Auto
11	0.1	6441	Town & Country (Minivan)
4	0.0	6442	Voyager
0	0.0	6498	Other Light Truck
0	0.0	6499	Unk Light Truck
0	0.0	6999	Unknown vehicle
Dodge			
0	0.0	7001	Dart
0	0.0	7002	Coronet/Magnum/Charger (thru 78)
0	0.0	7003	Polara/Monaco/Royal Monaco
1	0.0	7004	Viper
0	0.0	7005	Challenger
0	0.0	7006	Aspen
4	0.0	7007	Diplomat
3	0.0	7008	Omni/Charger(83 on)
0	0.0	7009	Mirada
0	0.0	7010	St Regis
8	0.1	7011	Aries (K)
0	0.0	7012	400
0	0.0	7013	Rampage (car based pickup)
0	0.0	7014	600
3	0.0	7015	Daytona
0	0.0	7016	Lancer
10	0.1	7017	Shadow
9	0.1	7018	Dynasty
18	0.2	7019	Spirit
69	0.8	7020	Neon
0	0.0	7033	Challenger (import)
4	0.0	7034	Colt (excludes Vista)
0	0.0	7035	Conquest
2	0.0	7039	Stealth
1	0.0	7040	Monaco
48	0.6	7041	Intrepid
8	0.1	7042	Avenger
46	0.6	7043	Stratus
0	0.0	7398	Other Auto
0	0.0	7399	Unk Auto
0	0.0	7401	Raider
3	0.0	7421	Ramchager
33	0.4	7422	Durango
0	0.0	7441	Vista

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
103	1.3	7442	Caravan
25	0.3	7461	B-series Van
1	0.0	7470	Van Derivative
2	0.0	7471	D50,Colt Pickup,Ram 50/100
49	0.6	7472	Dakota
15	0.2	7481	D,W-series Pickup
63	0.8	7482	Ram 1500/2500/3500 P/U
5	0.1	7498	Other lt Truck
3	0.0	7499	Unk lt Truck
0	0.0	7881	Med/hvy CBE
0	0.0	7882	DODGE 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
0	0.0	7899	Unk med/hvy truck
0	0.0	7981	Medium Bus (not van based)
0	0.0	7988	Other Bus
0	0.0	7989	Unknown Bus Type
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			
1	0.0	9001	Valiant/Scamp/Duster(thru 76)
0	0.0	9002	Satellite/Belvedere
0	0.0	9003	Fury
2	0.0	9004	Gran Fury
0	0.0	9005	Barracuda
1	0.0	9006	Volare
1	0.0	9007	Caravelle
3	0.0	9008	Horizon
2	0.0	9011	Reliant (K)
0	0.0	9013	Scamp-auto based pickup
7	0.1	9017	Sundance
14	0.2	9019	Acclaim
23	0.3	9020	Neon
0	0.0	9031	Cricket
0	0.0	9032	Arrow
0	0.0	9033	Sapporo import
3	0.0	9034	Champ/Colt (excludes Vista)
0	0.0	9035	Conquest
3	0.0	9037	Laser
10	0.1	9038	Breeze
0	0.0	9039	Prowler
0	0.0	9398	Other Auto
1	0.0	9399	Unk Auto

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
0	0.0	9421	Trailduster
1	0.0	9441	Vista
62	0.8	9442	Voyager (minivan)
0	0.0	9461	B-series Van (fullsize)
0	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			
2	0.0	10034	Summit
6	0.1	10037	Talon
1	0.0	10040	Premier
2	0.0	10041	Vision
1	0.0	10044	Medallion
0	0.0	10398	Other Auto
0	0.0	10399	Unk Auto
0	0.0	10441	Summit Wagon
0	0.0	10498	Other lt truck
0	0.0	10499	Unk lt truck
0	0.0	10999	Unk vehicle
Ford			
0	0.0	12001	Falcon
0	0.0	12002	Fairlane
93	1.1	12003	Mustang/Mustang II
26	0.3	12004	Thunderbird
0	0.0	12005	Ltd II
3	0.0	12006	Ltd/Galaxy/Custom
1	0.0	12007	Ranchero
0	0.0	12008	Maverick
0	0.0	12009	Pinto
0	0.0	12010	Torino/Gran Torino/Elite
0	0.0	12011	Granada
3	0.0	12012	Fairmont
121	1.5	12013	Escort/EXP
26	0.3	12015	Tempo
80	1.0	12016	Crown Victoria
170	2.1	12017	Taurus
20	0.2	12018	Probe
0	0.0	12031	English Ford
1	0.0	12032	Fiesta
3	0.0	12033	Festiva
0	0.0	12034	Laser
29	0.4	12035	Contour
2	0.0	12036	Aspire
74	0.9	12037	Focus
0	0.0	12398	Other Auto
4	0.0	12399	Unk Auto
191	2.3	12401	Bronco II/Bronco(thru 77)/Explorer
10	0.1	12402	Escape
9	0.1	12421	Bronco-fullsize (78 on)

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
46	0.6	12422	Expedition
1	0.0	12431	Excursion
34	0.4	12441	Aerostar
44	0.5	12442	Windstar
77	0.9	12461	E-series Van
1	0.0	12470	Van derivative
148	1.8	12471	Ranger
1	0.0	12472	Courier
3	0.0	12473	Sport Trac
251	3.1	12481	F-series Pickup
9	0.1	12498	Other lt truck
6	0.1	12499	Unk lt truck
6	0.1	12880	F450/550 Pickup > 4536 GVWR
10	0.1	12881	Med/Hvy CBE
1	0.0	12882	Med/Hvy COE low entry
0	0.0	12883	Med/Hvy COE high entry
1	0.0	12884	Med/Hvy unk engine location
0	0.0	12890	Med/Hvy COE unk entry position
2	0.0	12898	Other Med/Hvy truck
1	0.0	12899	Unk Med/Hvy truck
0	0.0	12981	Medium Bus
1	0.0	12988	Other Bus
0	0.0	12989	Unknown Bus Type
0	0.0	12998	Other Vehicle
0	0.0	12999	Unknown vehicle
Lincoln			
60	0.7	13001	Town Car/Continental
5	0.1	13002	Mark I - VIII
17	0.2	13005	Continental (82 on)
0	0.0	13011	Versailles
5	0.1	13012	LS
0	0.0	13398	Other Auto
1	0.0	13399	Unk Auto
10	0.1	13421	Navigator
0	0.0	13498	Other light truck
0	0.0	13499	Unk light truck
0	0.0	13999	Unk vehicle
Mercury			
0	0.0	14002	Cyclone
2	0.0	14003	Capri-domestic
5	0.1	14004	Cougar/XR7
42	0.5	14006	Marquis/Monterey
0	0.0	14008	Comet
0	0.0	14009	Bobcat
0	0.0	14010	Montego
1	0.0	14011	Monarch
1	0.0	14012	Zephyr
1	0.0	14013	Lynx/LN7 (82-83)
10	0.1	14015	Topaz
44	0.5	14017	Sable

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
1	0.0	14031	Capri-foreign
0	0.0	14033	Pantera
12	0.1	14036	Tracer
12	0.1	14037	Mystique
25	0.3	14038	Cougar
0	0.0	14398	Other Auto
1	0.0	14399	Unknown Auto
8	0.1	14401	Mountaineer
18	0.2	14443	Villager
0	0.0	14498	Other light truck
0	0.0	14499	Unk light truck
0	0.0	14999	Unknown vehicle
Buick			
0	0.0	18001	Special/Skylark
60	0.7	18002	Lesabre/Wildcat/Centurion
32	0.4	18003	Electra/Electra 225/Park Avenue (91 on)
2	0.0	18004	Roadmaster
3	0.0	18005	Riviera
59	0.7	18007	Century
0	0.0	18008	Apollo/Skylark (75)
31	0.4	18010	Regal
6	0.1	18012	Skyhawk
0	0.0	18015	Skylark (76-85)
15	0.2	18018	Somerset/Skylark(86 on)
18	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
0	0.0	18398	Other Auto
3	0.0	18399	Unk Auto
1	0.0	18401	Rendezvous
0	0.0	18999	Unk vehicle
Cadillac			
77	0.9	19003	Deville/Fleetwood (except Limousine)
0	0.0	19004	Limousine
11	0.1	19005	Eldorado
1	0.0	19006	Commercial Series
1	0.0	19009	Allante'
15	0.2	19014	Seville
1	0.0	19016	Cimarron
1	0.0	19017	Catera
1	0.0	19018	CTS
0	0.0	19398	Other Auto
0	0.0	19399	Unk Auto
10	0.1	19421	Escalade
0	0.0	19999	Unk vehicle

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
			Chevrolet
3	0.0	20001	Malibu/Chevelle
67	0.8	20002	Caprice/Impala
13	0.2	20004	Corvette
0	0.0	20006	Corvair
3	0.0	20007	El Camino
1	0.0	20008	Nova (-79)
45	0.6	20009	Camaro
7	0.1	20010	Monte Carlo
0	0.0	20011	Vega
0	0.0	20012	Monza
0	0.0	20013	Chevette
0	0.0	20015	Citation
179	2.2	20016	Cavalier
21	0.3	20017	Celebrity
69	0.8	20019	Baretta/Corsica
70	0.9	20020	Lumina
1	0.0	20031	Spectrum
46	0.6	20032	Nova/Geo Prizm
0	0.0	20033	Sprint/Geo Sprint
12	0.1	20034	Geo Metro
10	0.1	20035	Geo Storm
24	0.3	20036	Monte Carlo (FWD only)
51	0.6	20037	Malibu
1	0.0	20398	Other Auto
2	0.0	20399	Unk Auto
93	1.1	20401	S-10 Blazer
17	0.2	20402	Geo Tracker
9	0.1	20403	Trailblazer (2002+)
54	0.7	20421	Blazer-fullsize
26	0.3	20431	Suburban
51	0.6	20441	Astro Van
20	0.2	20442	Lumina APV
0	0.0	20443	Ventura
46	0.6	20461	G-series Van
4	0.0	20466	P-series Van
3	0.0	20470	Van Derivative
86	1.1	20471	S-10,T-10
1	0.0	20472	LUV imported PU
185	2.3	20481	C,K,R,V-series Pickup
5	0.1	20482	Avalanche
2	0.0	20498	Other lt truck
5	0.1	20499	Unk lt truck
2	0.0	20881	Med/Hvy CBE
1	0.0	20882	Med/Hvy COE low entry
0	0.0	20883	Med/Hvy COE high entry
0	0.0	20884	Med/Hvy Unk engine location
0	0.0	20890	Med/Hvy COE Unk entry position
0	0.0	20898	Other med/hvy trk
1	0.0	20899	Unk med/hvy trk
1	0.0	20981	Bus S-60 series
1	0.0	20988	Other Bus

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
0	0.0	20989	Unknown Bus Type
0	0.0	20998	Other Vehicle
0	0.0	20999	Unknown vehicle
Oldsmobile			
20	0.2	21001	Cutlass (RWD only)
33	0.4	21002	Delta 88
15	0.2	21003	Ninety-Eight
5	0.1	21005	Toronado
0	0.0	21006	Commercial Series
0	0.0	21012	Starfire
0	0.0	21015	Omega
0	0.0	21016	Firenza
24	0.3	21017	Ciera
6	0.1	21018	Calais
41	0.5	21020	Cutlass (FWD)
9	0.1	21021	Achieva
4	0.0	21022	Aurora
7	0.1	21023	Intrigue
19	0.2	21024	Alero
0	0.0	21398	Other Auto
1	0.0	21399	Unknown Auto
12	0.1	21401	Bravada
12	0.1	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			
1	0.0	22001	Lemans/Tempest (thru 79)
48	0.6	22002	Bonneville/Catalina/Parisienne
1	0.0	22005	Fiero
0	0.0	22008	Ventura
27	0.3	22009	Firebird/Trans AM
4	0.0	22010	Grand Prix RWD
0	0.0	22011	Astre
1	0.0	22012	Sunbird (thru 80)
0	0.0	22013	T-1000/1000
0	0.0	22015	Phoenix
49	0.6	22016	J2000/2000/Sunbird(84 on)
8	0.1	22017	6000
134	1.6	22018	Grand AM
67	0.8	22020	Grand Prix FWD
0	0.0	22031	Lemans (88 on)
0	0.0	22398	Other Auto
0	0.0	22399	Unk Auto
1	0.0	22401	Aztek
1	0.0	22402	Vibe
15	0.2	22441	Trans Sport
0	0.0	22498	Other lt trk
0	0.0	22499	Unk lt trk

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
0	0.0	22999	Unknown vehicle
			GMC
0	0.0	23007	Caballero/Sprint
0	0.0	23398	Other Auto
0	0.0	23399	Unk Auto
38	0.5	23401	Jimmy/Typhoon S-15 based
20	0.2	23421	Jimmy fullsize/Yukon
11	0.1	23431	Suburban
13	0.2	23441	Safari (Minivan)
18	0.2	23461	G-series Van
1	0.0	23466	P-series Van
0	0.0	23470	Van Derivative
20	0.2	23471	S15/T15/Somona
58	0.7	23481	C,K,R,V-series Pickup
1	0.0	23498	Other lt truck
1	0.0	23499	Unk lt truck
3	0.0	23881	Med/Hvy CBE
0	0.0	23882	Med/Hvy COE low entry
1	0.0	23883	Med/Hvy COE high entry
3	0.0	23884	Med/Hvy Unk engine location
1	0.0	23890	Med/Hvy COE Unk entry position
3	0.0	23898	Other med/hvy trk
0	0.0	23899	Unk med/hvy trk
0	0.0	23981	Bus B6000
0	0.0	23988	Other Bus
0	0.0	23989	Unknown Bus Type
0	0.0	23999	Unknown vehicle
			Saturn
66	0.8	24001	SL
29	0.4	24002	SC
7	0.1	24003	SW
0	0.0	24004	EV
19	0.2	24005	LS
1	0.0	24006	LW
0	0.0	24398	Other Auto
1	0.0	24399	Unk Auto
0	0.0	24999	Unk vehicle
			Grumman
2	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 position
0	0.0	25898	Other med/hvy trk
0	0.0	25899	Unk med/hvy trk

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
1	0.0	25983	Bus flat front, rear engine
0	0.0	25988	Other Bus
0	0.0	25989	Unknown Bus Type
0	0.0	25999	Unk vehicle
Other Domestic			
0	0.0	29001	Studebaker/Avanti
0	0.0	29002	Checker
1	0.0	29398	Other make
0	0.0	29399	Unknown make
Volkswagen			
1	0.0	30031	Karmann Ghia
7	0.1	30032	Beetle 1300/1500
0	0.0	30033	Super Beetle
0	0.0	30034	411/412
0	0.0	30035	Squareback/Fastback
1	0.0	30036	Rabbit
0	0.0	30037	Dasher
0	0.0	30038	Scirocco
26	0.3	30040	Jetta
0	0.0	30041	Quantum
9	0.1	30042	Golf
0	0.0	30043	Rabbit Pickup
0	0.0	30044	Fox
0	0.0	30045	Corrado
23	0.3	30046	Passat
4	0.0	30047	Jetta III
2	0.0	30048	Golf III
6	0.1	30049	New Beetle
0	0.0	30398	Other Auto
0	0.0	30399	Unk Auto
0	0.0	30401	The Thing (181)
2	0.0	30441	Vanagon/Camper
1	0.0	30442	Eurovan
0	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			
1	0.0	31031	Spider
0	0.0	31032	Sports Sedan
0	0.0	31033	Sprint Veloce
0	0.0	31034	GTV-6
0	0.0	31035	164
1	0.0	31398	Other Auto
0	0.0	31399	Unk Auto
0	0.0	31999	Unk vehicle

Variable 308:MAKE/MODEL (Continued)

20Nov03 Prcnt Code Value and Description

			Audi
0	0.0	32031	Super 90
3	0.0	32032	100/A6
0	0.0	32033	Fox
0	0.0	32034	4000
0	0.0	32035	5000
1	0.0	32036	80/90
0	0.0	32037	200
0	0.0	32038	V-8 Quattro
0	0.0	32039	Coupe Quattro
4	0.0	32040	S4/S6
0	0.0	32041	Cabriolet
5	0.1	32042	A4
0	0.0	32043	A3
0	0.0	32044	A8
0	0.0	32045	TT
1	0.0	32046	S8
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
1	0.0	34032	Coupe
1	0.0	34033	Bavarian Sedan
25	0.3	34034	3-series
13	0.2	34035	5-series
1	0.0	34036	6-series
6	0.1	34037	7-series
0	0.0	34038	8-series
3	0.0	34039	Z3
0	0.0	34398	Other Auto
0	0.0	34399	Unk Auto
2	0.0	34401	X5
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

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
			Nissan/Datsun
0	0.0	35031	F-10
17	0.2	35032	200SX/240SX
2	0.0	35033	B210/210/1200
6	0.1	35034	Z-car, ZX
0	0.0	35035	310
1	0.0	35036	510
0	0.0	35037	610
0	0.0	35038	710
81	1.0	35039	810/Maxima
0	0.0	35040	Roadster
0	0.0	35041	PL411/RL411
6	0.1	35042	Stanza
84	1.0	35043	Sentra
2	0.0	35044	Pulsar
0	0.0	35045	Micra
2	0.0	35046	NX 1600/2000
90	1.1	35047	Altima
0	0.0	35398	Other Auto
1	0.0	35399	Unk Auto
39	0.5	35401	Pathfinder
16	0.2	35402	XTerra
0	0.0	35441	Van
0	0.0	35442	Axxess
16	0.2	35443	Quest
37	0.5	35471	Pickup
0	0.0	35498	Other lt truck
0	0.0	35499	Unk lt truck
0	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
0	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	Unknown vehicle
			Honda
190	2.3	37031	Civic/CRX, del Sol

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
265	3.2	37032	Accord
25	0.3	37033	Prelude
0	0.0	37034	600
2	0.0	37035	S2000
0	0.0	37398	Other Auto
2	0.0	37399	Unk Auto
11	0.1	37401	Passport
15	0.2	37402	CRV (small sport utility vehicle)
11	0.1	37441	Odyssey
0	0.0	37498	Other light trk
0	0.0	37499	Unk light trk
0	0.0	37701	0-50cc
0	0.0	37702	51-124cc
0	0.0	37703	125-349cc
1	0.0	37704	350-449cc
0	0.0	37705	450-749cc
0	0.0	37706	750cc & over
1	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
0	0.0	37999	Unk vehicle
			Isuzu
0	0.0	38031	I-Mark
0	0.0	38032	Impulse
0	0.0	38033	Stylus
0	0.0	38398	Other Auto
0	0.0	38399	Unk Auto
13	0.2	38401	Trooper/Trooper II
21	0.3	38402	Rodeo
4	0.0	38403	Amigo
0	0.0	38441	Oasis
9	0.1	38471	P'up Pickup (thru 95) / Hombre (96 - on)
0	0.0	38498	Other lt truck
0	0.0	38499	Unk lt truck
2	0.0	38881	Med/Hvy CBE
0	0.0	38882	Med/Hvy COE low entry
0	0.0	38883	Med/Hvy COE high entry
0	0.0	38884	Med/Hvy unk engine location
0	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

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
			Jaguar
0	0.0	39031	XJ-S Coupe
4	0.0	39032	XJ6/12 Sedan/Coupe
0	0.0	39033	XK-E
3	0.0	39034	X100
7	0.1	39035	X-type
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
7	0.1	41034	RX7
66	0.8	41035	GLC/323/Protege
0	0.0	41036	Cosmo
57	0.7	41037	626
0	0.0	41038	808
0	0.0	41039	Mizer
0	0.0	41040	R-100
0	0.0	41041	616/618
0	0.0	41042	1800
6	0.1	41043	929
5	0.1	41044	MX-6
7	0.1	41045	Miata
5	0.1	41046	MX-3
4	0.0	41047	Millenia
0	0.0	41398	Other auto
1	0.0	41399	Unk auto
2	0.0	41401	Navajo
2	0.0	41402	Tribute
11	0.1	41441	MPV
21	0.3	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
14	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
1	0.0	42035	280/300 SEL

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
2	0.0	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
2	0.0	42039	190
6	0.1	42040	300
1	0.0	42041	400/500 E
0	0.0	42042	220/280 C
1	0.0	42043	S Class
1	0.0	42044	SL Class
1	0.0	42045	SLK
0	0.0	42046	CL Class
0	0.0	42047	CLK
8	0.1	42048	E Class
0	0.0	42398	Other auto
1	0.0	42399	Unk auto
10	0.1	42401	AAV
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
0	0.0	42883	Med/Hvy COE high entry
0	0.0	42884	Med/Hvy unk engine location
0	0.0	42890	Med/Hvy COE unk entry position
1	0.0	42898	Other med/hvy trk
0	0.0	42899	Unk med/hvy trk
0	0.0	42981	Medium Bus
0	0.0	42988	Other Bus
0	0.0	42989	Unknown Bus Type
0	0.0	42999	Unk vehicle
			MG
1	0.0	43031	Midget
0	0.0	43032	MGB (76-79)
0	0.0	43033	MGB GT (67-75)
0	0.0	43034	MGA
1	0.0	43035	TA/TC/TD/TF
0	0.0	43036	MGC
0	0.0	43398	Other auto
0	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

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
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			
1	0.0	45031	911
0	0.0	45032	912
0	0.0	45033	914
0	0.0	45034	924
0	0.0	45035	928
0	0.0	45036	930
0	0.0	45037	944
0	0.0	45038	959
0	0.0	45039	968
2	0.0	45040	986
0	0.0	45398	Oth auto
0	0.0	45399	Unk auto
0	0.0	45999	Unk vehicle
Renault			
0	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
0	0.0	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
0	0.0	46399	Unk auto
0	0.0	46999	Unk vehicle
Saab			
5	0.1	47031	99/99E/900
0	0.0	47032	Sonnett
0	0.0	47033	95/96/97
0	0.0	47034	9000
1	0.0	47035	9-3
3	0.0	47036	9-5
0	0.0	47398	Other auto
0	0.0	47399	Unk auto
0	0.0	47999	Unk vehicle
Subaru			
4	0.0	48031	DL/FE/G/GF/GL/GLF/STD/Loyale (90 on)
0	0.0	48032	Star
0	0.0	48033	360

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
36	0.4	48034	Legacy
1	0.0	48035	XT/XT6
0	0.0	48036	Justy
0	0.0	48037	SVX
12	0.1	48038	Impreza
1	0.0	48043	Brat
0	0.0	48398	Other auto
0	0.0	48399	Unk auto
13	0.2	48401	Forester
0	0.0	48999	Unk vehicle
Toyota			
0	0.0	49031	Corona
135	1.7	49032	Corolla
32	0.4	49033	Celica
3	0.0	49034	Supra
7	0.1	49035	Cressida
0	0.0	49036	Crown
0	0.0	49037	Carina
29	0.4	49038	Tercel
0	0.0	49039	Starlet
159	1.9	49040	Camry
2	0.0	49041	MR-2
3	0.0	49042	Paseo
17	0.2	49043	Avalon
5	0.1	49044	Solara
14	0.2	49045	Echo
1	0.0	49046	Prius
0	0.0	49398	Other auto
1	0.0	49399	Unk auto
50	0.6	49401	4-Runner
15	0.2	49402	RAV-4
3	0.0	49403	Highlander
2	0.0	49404	Matrix
4	0.0	49421	Landcruiser
3	0.0	49422	Sequoia
5	0.1	49441	Minivan (84-90)/Previa (91 on)
11	0.1	49442	Sienna
35	0.4	49471	Pickup
44	0.5	49472	Tacoma
4	0.0	49481	T-100
6	0.1	49482	Tundra
3	0.0	49498	Other lt truck
1	0.0	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

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
0	0.0	50036	Herald
0	0.0	50037	Stag
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			
0	0.0	51031	122
0	0.0	51032	142/144/145
0	0.0	51033	164
8	0.1	51034	240/242/244/245
0	0.0	51035	262/264/265
0	0.0	51036	1800
0	0.0	51038	760/780
9	0.1	51039	740
3	0.0	51040	940
0	0.0	51041	960
2	0.0	51042	850
8	0.1	51043	70
0	0.0	51044	90
3	0.0	51045	80
4	0.0	51046	40 Series
2	0.0	51047	60 Series
0	0.0	51398	Other auto
0	0.0	51399	Unk auto
19	0.2	51881	Med/Hvy CBE
0	0.0	51882	Med/Hvy COE low entry
0	0.0	51883	Med/Hvy COE high entry
3	0.0	51884	Med/Hvy unk engine location
0	0.0	51890	Med/Hvy unk entry position
2	0.0	51898	Other med/hvy trk
3	0.0	51899	Unk med/hvy trk
0	0.0	51981	Medium bus
0	0.0	51988	Other bus
0	0.0	51989	Unknown Bus Type
0	0.0	51999	Unk vehicle
Mitsubishi			
1	0.0	52031	Starion
0	0.0	52032	Tredia
0	0.0	52033	Cordia
39	0.5	52034	Galant
17	0.2	52035	Mirage
1	0.0	52036	Precis

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
40	0.5	52037	Eclipse
0	0.0	52038	Sigma
3	0.0	52039	3000 GT
11	0.1	52040	Diamante
7	0.1	52046	Lancer
0	0.0	52398	Other auto
1	0.0	52399	Unk auto
21	0.3	52401	Montero
0	0.0	52441	Minivan
1	0.0	52442	Expo Wagon
0	0.0	52471	Pickup
0	0.0	52498	Other lt truck
0	0.0	52499	Unk lt truck
2	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	52989	Unknown Bus Type
0	0.0	52999	Unk vehicle
Suzuki			
0	0.0	53031	SA310
1	0.0	53034	Swift
7	0.1	53035	Esteem
1	0.0	53036	Aerio
0	0.0	53398	Other auto
0	0.0	53399	Unk auto
2	0.0	53401	Samarai
11	0.1	53402	Sidekick
5	0.1	53403	X-90
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
0	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			
28	0.3	54031	Integra

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
12	0.1	54032	Legend (86-95) / RL (96-on)
1	0.0	54033	NSX (91-95) / TL (96-on)
3	0.0	54034	Vigor
16	0.2	54035	CL
1	0.0	54038	RSX
0	0.0	54398	Other auto
0	0.0	54399	Unk auto
0	0.0	54401	SLX
3	0.0	54421	MDX
0	0.0	54498	Other light truck
0	0.0	54499	Unk light truck
0	0.0	54999	Unk vehicle
Hyundai			
0	0.0	55031	Pony
8	0.1	55032	Excel
18	0.2	55033	Sonata
4	0.0	55034	Scoupe
32	0.4	55035	Elantra
22	0.3	55036	Accent
0	0.0	55037	Tiburon
1	0.0	55038	XG300
0	0.0	55398	Other auto
1	0.0	55399	Unk auto
3	0.0	55401	Santa Fe
0	0.0	55999	Unk vehicle
Mercur			
0	0.0	56031	XR4Ti
0	0.0	56032	Scorpio
0	0.0	56398	Other auto
0	0.0	56399	Unk auto
0	0.0	56999	Unk vehicle
Yugo			
0	0.0	57031	GV
0	0.0	57398	Other auto
0	0.0	57399	Unk auto
0	0.0	57999	Unk vehicle
Infiniti			
2	0.0	58031	M30
3	0.0	58032	Q45
6	0.1	58033	G20
4	0.0	58034	J30
11	0.1	58035	I30
0	0.0	58036	I35
1	0.0	58037	G35
0	0.0	58038	M45
0	0.0	58039	EX35 / 45
0	0.0	58398	Other auto
1	0.0	58399	Unk auto

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
2	0.0	58401	T30
0	0.0	58498	Other light truck
0	0.0	58499	Unk light truck
0	0.0	58999	Unk vehicle
			Lexus
15	0.2	59031	ES-250/ES-300
12	0.1	59032	LS-400
4	0.0	59033	SC-400/SC-300
13	0.2	59034	GS-300
2	0.0	59035	IS-300
3	0.0	59036	SC-430
0	0.0	59398	Other auto
0	0.0	59399	Unk auto
11	0.1	59401	LX 450
3	0.0	59421	LX 450/470
0	0.0	59498	Other light truck
0	0.0	59499	Unk light truck
0	0.0	59999	Unk vehicle
			Daihatsu
0	0.0	60031	Charade
0	0.0	60398	Other auto
0	0.0	60399	Unk auto
0	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
0	0.0	61031	827S
0	0.0	61398	Other auto
0	0.0	61399	Unk auto
0	0.0	61999	Unk vehicle
			Land Rover
3	0.0	62401	Discovery (LR)
0	0.0	62402	Defender 90 (LR)
1	0.0	62421	County LWB (RR) [thru 94] / County Classic (RR) [94-on]
1	0.0	62422	4.0 SE (RR)
1	0.0	62498	Other light truck
0	0.0	62499	Unk light truck
0	0.0	62999	Unk vehicle
			KIA
21	0.3	63031	Sephia
6	0.1	63032	Spectra
6	0.1	63033	Rio
1	0.0	63034	Optima
0	0.0	63398	Other auto
0	0.0	63399	Unk auto

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
9	0.1	63401	Sportage
1	0.0	63441	Sedona
0	0.0	63498	Other light truck
0	0.0	63499	Unk light truck
0	0.0	63999	Unk vehicle
			DAEWOO
5	0.1	64031	Lanos
3	0.0	64032	Nubira
4	0.0	64033	Leganza
			Cooper
1	0.0	65031	Mini Cooper, Cooper S
			Other Imports
0	0.0	69031	Aston Martin
0	0.0	69032	Bricklin
0	0.0	69033	Citroen
0	0.0	69034	Delorean
0	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
0	0.0	69041	Morris
1	0.0	69042	Rolls Royce/Bentley
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
0	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

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
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
2	0.0	72709	Unk cc
0	0.0	72798	Oth motored cycle
0	0.0	72799	Unk motorcycle
Kawasaki			
0	0.0	73701	0-50cc
0	0.0	73702	51-124cc
0	0.0	73703	125-349cc
0	0.0	73704	350-449cc
1	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

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
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
0	0.0	76704	350-449cc
0	0.0	76705	450-749cc
0	0.0	76706	750cc & over
0	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
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
			Other 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 Make 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

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
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
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			
1	0.0	82461	Sprinter/Advantage (light panel truck)
1	0.0	82470	Freightliner/White M-line walk in Van
0	0.0	82850	M/H truck based motorhome
34	0.4	82881	Med/Hvy CBE
1	0.0	82882	Med/Hvy COE low entry
4	0.0	82883	Med/Hvy COE high entry
9	0.1	82884	Med/Hvy Unk engine location
7	0.1	82890	Med/Hvy COE Unk entry position
1	0.0	82898	Other med/hvy trk
2	0.0	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
0	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

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
			International Harvester/Navistar
0	0.0	84421	Scout
0	0.0	84431	Travelall
0	0.0	84466	Multistop Van
0	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
34	0.4	84881	Med/Hvy CBE
1	0.0	84882	Med/Hvy COE low entry
2	0.0	84883	Med/Hvy COE high entry
3	0.0	84884	Med/Hvy unk engine location
2	0.0	84890	Med/Hvy COE unk entry position
5	0.1	84898	Other med/hvy trk
2	0.0	84899	Unk med/hvy trk
0	0.0	84950	Bus based Motorhome
2	0.0	84981	Conventional Bus
1	0.0	84982	Bus-flat front, front engine
1	0.0	84983	Bus-flat front, rear engine
0	0.0	84988	Other bus
1	0.0	84989	Unknown bus type
0	0.0	84998	Other vehicle
0	0.0	84999	Unk vehicle
			Kenworth
0	0.0	85850	M/H truck based motorhome
22	0.3	85881	Med/Hvy CBE
0	0.0	85882	Med/Hvy COE low entry
5	0.1	85883	Med/Hvy COE high entry
1	0.0	85884	Med/Hvy Unk engine location
1	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
18	0.2	86881	Med/Hvy CBE
0	0.0	86882	Med/Hvy COE low entry
3	0.0	86883	Med/Hvy COE high entry
5	0.1	86884	Med/Hvy Unk engine location
1	0.0	86890	Med/Hvy COE Unk entry position
1	0.0	86898	Other med/hvy trk
3	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

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
			Peterbilt
0	0.0	87850	M/H truck based motorhome
20	0.2	87881	Med/Hvy CBE
0	0.0	87882	Med/Hvy COE low entry
1	0.0	87883	Med/Hvy COE high entry
4	0.0	87884	Med/Hvy Unk engine location
1	0.0	87890	Med/Hvy COE Unk entry position
0	0.0	87898	Other med/hvy trk
4	0.0	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
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
0	0.0	98801	AUTOCAR
0	0.0	98802	AUTO-UNION-DKW
0	0.0	98803	DIVCO
4	0.0	98804	WESTERN STAR
0	0.0	98805	OSHKOSH
1	0.0	98806	HINO
0	0.0	98807	SCANIA
1	0.0	98808	STERLING COE/Low entry
0	0.0	98850	M/H truck based motorhome
2	0.0	98898	Other med/hvy trk
0	0.0	98902	NEOPLAN Bus
0	0.0	98950	Bus based Motorhome
10	0.1	98988	Other bus
5	0.1	98998	Other vehicle
0	0.0	98999	Unk vehicle
			Unknown Make
15	0.2	99399	Unknown automobile
3	0.0	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

Variable 308:MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
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
0	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
10	0.1	99899	Unk med/hvy trk
0	0.0	99950	Bus based Motorhome
0	0.0	99981	Conventional bus
0	0.0	99982	Bus front engine
0	0.0	99983	Bus rear engine
2	0.0	99988	Other bus
2	0.0	99989	Unknown bus type
0	0.0	99998	Other vehicle
0	0.0	99999	Unk vehicle

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

20Nov03	Prcnt	Code	Value and Description
Automobiles			
86	1.1	1	Convertible (excludes sun roof, t-bar)
894	11.0	2	2-door sedan, hardtop, coupe
338	4.1	3	3-door/2-door hatchback
3420	41.9	4	4-door sedan, hardtop
53	0.6	5	5-door/4-door hatchback
154	1.9	6	Station Wagon (excluding van and truck based)
0	0.0	7	Hatchback, number of doors unknown
3	0.0	8	Other automobile type
71	0.9	9	Unknown automobile type
Automobile Derivatives			
2	0.0	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
0	0.0	13	Three-wheel automobile or automobile derivative

Variable 309:BODY TYPE (Continued)

20Nov03	Prcnt	Code	Value and Description
			Utility Vehicles (< 4,536 kgs GVWR)
854	10.5	14	Compact utility (includes Jeep CJ-2 thru Jeep CJ-7, Renegade, Wrangler, Navajo, Bronco, Thing)
201	2.5	15	Large utility (includes Jeep Cherokee, Ram Charger, Trailduster, fullsize Blazer, Scout)
41	0.5	16	Utility station wagon (Chevy Suburban, GMC Suburban, Travelall, Grand Wagoneer, includes suburban limousine)
5	0.1	17	3-door vehicle
4	0.0	19	Utility unknown body type
			Van Based Light Trucks (< 4,536 kgs GVWR)
446	5.5	20	Minivan (Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
165	2.0	21	Large van (Sportsman, Royal, Ram, Chevy Van, Voyager-Pre83, Econoline, etc.)
8	0.1	22	Step van or walk-in van (< 4,536 kgs GVWR)
0	0.0	23	Van based motorhome (< 4,536 kgs GVWR)
1	0.0	24	Van based school bus (< 4,536 kgs GVWR)
2	0.0	25	Van based other bus (< 4,536 kgs GVWR)
6	0.1	28	Other van type (Hi-Cube Van, Kary)
2	0.0	29	Unknown van type
			Lt Conventional Truck (P.U. style cab, < 4,536 kgs. GVWR)
453	5.6	30	Compact pickup (Ram 50, Dakota, Arrow Pickup, Ranger, Toyota Pickup, etc.)
584	7.2	31	Large pickup (Jeep Pickup, Comanche, Silverado, Sierra, etc.)
0	0.0	32	Pickup with slide-in camper
0	0.0	33	Convertible pickup
15	0.2	39	Unknown (pickup style) light conventional truck
			Other Light Trucks (< or = 4,536 kgs. GVWR)
19	0.2	40	Cab chassis based (includes rescue vehicle, light stake, dump, and tow truck)
0	0.0	41	Truck based panel
1	0.0	42	Light truck based motorhome (chassis mounted)
0	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)
10	0.1	50	School bus (designed to carry students, not cross country or transit)
13	0.2	58	Other bus type (e.g., transit, intercity, bus based motorhome)
0	0.0	59	Unknown bus type
			Medium/Heavy Trucks (> 4,536 kgs GVWR)
0	0.0	60	Step van (> 4,536 kgs GVWR)
22	0.3	61	Single unit straight truck (4,536 kgs < GVWR < or = 8,845 kgs)

Variable 309:BODY TYPE (Continued)

20Nov03	Prcnt	Code	Value and Description
16	0.2	62	Single unit straight truck (8,845 kgs < GVWR < or = 11,793 kgs)
39	0.5	63	Single unit straight truck (> 11,793 kgs GVWR)
9	0.1	64	Single unit straight truck, GVWR unknown
1	0.0	65	Medium/heavy truck based motorhome
14	0.2	67	Truck-tractor with no cargo trailer
151	1.9	68	Truck-tractor pulling one trailer
10	0.1	69	Truck-tractor pulling two or more trailers
4	0.0	70	Truck-tractor (unknown if pulling trailer)
2	0.0	74	Medium / heavy pickup (>= 4,536 kgs)
14	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)			
9	0.1	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
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 other than trucks
1	0.0	93	Construction equipment other than trucks
2	0.0	97	Other type vehicle
0	0.0	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

NASS Crashworthiness Data System (CDS)
2002 - General Vehicle

Variable 313	VIN - CHARACTER #3	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 314	VIN - CHARACTER #4	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 315	VIN - CHARACTER #5	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 316	VIN - CHARACTER #6	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 317	VIN - CHARACTER #7	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 318	VIN - CHARACTER #8	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 319	VIN - CHARACTER #9	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 320	VIN - CHARACTER #10	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 321	VIN LENGTH	Width: 2 Dec: None	Type: Numeric Miss: 99

20Nov03 Prcnt Code Value and Description

1	0.0	4	
		-	Length of VIN
7578	92.9	17	
461	5.7	99	Unknown

Variable 322 TYPE OF VEH INSPECTION Width: 1 Type: Numeric
Dec: None Miss: None

Type of vehicle inspection

20Nov03 Prcnt Code Value and Description

1787	21.9	0	No inspection
199	2.4	1	Vehicle fully repaired - no damage evident
1696	20.8	2	Partial inspection
4150	50.9	3	Complete inspection
322	3.9	9	Inapplicable - Body Type (V309) = 50-99

Variable 323 VEHICLE DISPOSITION Width: 1 Type: Numeric
Dec: None Miss: 9

Police reported vehicle disposition

20Nov03 Prcnt Code Value and Description

1461	17.9	0	Not towed due to vehicle damage
6687	82.0	1	Towed due to vehicle damage
6	0.1	9	Unknown

Variable 324 VEHICLE CURB WEIGHT Width: 3 Type: Numeric
Dec: None Miss: 999

20Nov03 Prcnt Code Value and Description

0	0.0	45	Less than 450 kilograms
1	0.0	61	- Weight (to nearest 10 kilograms)
1	0.0	499	
0	0.0	610	6,100 kilograms or more
576	7.1	999	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 325 VEHICLE CARGO WEIGHT Width: 3 Type: Numeric
Dec: None Miss: 999

20Nov03 Prcnt Code Value and Description

4779	58.6	0	Less than 5 kilograms
419	5.1	1	- Weight (to nearest 10 kilograms)
1	0.0	231	
0	0.0	450	4,500 kilograms or more
2037	25.0	999	Unknown or Inapplicable - Body Type (V309) = 50-99

NASS Crashworthiness Data System (CDS)
2002 - General Vehicle

Variable 326	<u>TOWED TRAILING UNIT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt Code Value and Description

7784	95.5	0	No towed unit
35	0.4	1	Yes - towed trailing unit
335	4.1	9	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 327	<u>VEHICLE SPECIAL USE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt Code Value and Description

7966	97.7	0	No special use
37	0.5	1	Taxi
11	0.1	2	Vehicle used as school bus
15	0.2	3	Vehicle used as other bus
0	0.0	4	Military
43	0.5	5	Police
4	0.0	6	Ambulance
1	0.0	7	Fire truck or car
0	0.0	8	Other (i.e. funeral hearse)
77	0.9	9	Unknown

Variable 328	<u>FRONT OVERRIDE/UNDERRIDE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt Code Value and Description

6660	81.7	0	No override/underride, or not an end-over-end between 2 CDS applicable vehs, & no M/H trk or bus underride
			Override
60	0.7	1	First CDC
5	0.1	2	Second CDC
0	0.0	3	Other nonautomated CDC
			Underride
129	1.6	4	First CDC
9	0.1	5	Second CDC
0	0.0	6	Other nonautomated CDC
89	1.1	7	Medium or heavy truck override or underride
1202	14.7	9	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 329 REAR OVERRIDE/UNDERRIDE Width: 1 Type: Numeric
Dec: None Miss: 9

20Nov03 Prcnt Code Value and Description

7171	87.9	0	No override/underride, or not end-over-end between two CDS applicable vehs, and no M/H trk or bus underride
			Override
75	0.9	1	First CDC
4	0.0	2	Second CDC
0	0.0	3	Other nonautomated CDC
			Underride
27	0.3	4	First CDC
2	0.0	5	Second CDC
0	0.0	6	Other nonautomated CDC
20	0.2	7	Medium or heavy truck override or underride
855	10.5	9	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 330 ANTILOCK BRAKES Width: 1 Type: Numeric
Dec: None Miss: 9

Vina derived - Antilock Brakes

20Nov03 Prcnt Code Value and Description

1289	15.8	1	Not available
2766	33.9	2	4 wheel standard
418	5.1	3	Rear only standard
330	4.0	4	ABS standard, wheels unknown
1548	19.0	5	4 wheel optional
30	0.4	6	Rear only optional
704	8.6	7	ABS optional, wheels unknown
35	0.4	8	Unknown (VINRTN)
1034	12.7	9	Unknown

Variable 331 FOUR WHEEL DRIVE Width: 2 Type: Numeric
Dec: None Miss: 99

Vina derived - Four Wheel Drive

20Nov03 Prcnt Code Value and Description

4498	55.2	14	No
67	0.8	25	Yes
461	5.7	39	Unknown
5	0.1	98	Some vehicles of this series (*)
3123	38.3	99	Not applicable or missing data

Variable 332	FRONT WHEEL DRIVE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Vina derived - Front Wheel Drive

20Nov03	Prcnt	Code	Value and Description
744	9.1	14	No
3826	46.9	25	Yes
461	5.7	39	Unknown
0	0.0	98	Some vehicles of this series (*)
3123	38.3	99	Not applicable or missing data

Variable 333	FRONT/REAR WHEEL DRIVE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code	Value and Description
1359	16.7	1	Rear wheel drive
3437	42.2	2	Front wheel drive
3132	38.4	8	Not applicable, not a passenger car
226	2.8	9	Unknown (four wheel drive potential)

Variable 334	# WHEELS/# DRIVE WHEELS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

First position contains the total number of wheels. The second position contains the number of driving wheels.

20Nov03	Prcnt	Code	Value and Description
1653	20.3	42	4 wheels / 2 drive wheels
1079	13.2	44	4 wheels / 4 drive wheels
165	2.0	64	6 wheels / 4 drive wheels
5257	64.5	99	Unknown

Variable 335	CARBURETION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Vina derived - Carburetion

20Nov03	Prcnt	Code	Value and Description
0	0.0	2	B - Higher HP, 1 barrel carburetor
0	0.0	3	C - 1 barrel turbo
4398	53.9	6	F - Unknown, fuel injection rating code
0	0.0	7	G - 1 barrel, electronically controlled
0	0.0	8	H - Unknown, high performance rating code
0	0.0	10	J - Lower HP, 2 barrel carburetor
0	0.0	11	K - Higher HP, 2 barrel carburetor

Variable 335:CARBURETION (Continued)

20Nov03	Prcnt	Code	Value and Description
0	0.0	12	L - 2 barrels, turbo
0	0.0	16	P - 2 barrels, electronically controlled
0	0.0	17	Q - Unknown, electronically controlled
0	0.0	18	R - 4 barrels, electronically controlled
5	0.1	19	S - Lower HP, 4 barrel carburetor
68	0.8	20	T - 1,2,4 barrels, turbo fuel injected
1	0.0	22	V - 4 barrels, turbo
0	0.0	25	Y - Unknown, turbo
20	0.2	26	Z - Unknown super charged
14	0.2	31	1 barrel
127	1.6	32	2 barrels
12	0.1	33	3 barrels
69	0.8	34	4 barrels
461	5.7	39	Not applicable or missing data
2979	36.5	99	Unknown

Variable 336	FUEL CODE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Vina derived - Fuel Code

20Nov03	Prcnt	Code	Value and Description
1	0.0	2	B - Electric and gasoline hybrid engine
16	0.2	3	C - Gasoline engine that can be easily converted to a gaseous powered engine (powered by natural gas, propane, etc,)
312	3.8	4	D - Diesel
0	0.0	5	E - Electric
87	1.1	6	F - Flexible fuel
7226	88.6	7	G - Gas (ie Ford engine methanol fuel is coded as gas)
0	0.0	8	H - Ethanol fuel only
0	0.0	13	M - Methanol gas only
1	0.0	14	N - Compressed Natural Gas
0	0.0	16	P - Propane
461	5.7	39	9 - Unknown
50	0.6	99	Not applicable or missing data

Variable 337	ROOF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Vina derived - Roof

20Nov03	Prcnt	Code	Value and Description
6668	81.8	1	None / not available
11	0.1	2	Manual sun / moon roof
372	4.6	3	Power sun / moon roof

Variable 337:ROOF (Continued)

20Nov03 Prcnt Code Value and Description

15	0.2	4	Removable panels
11	0.1	5	Removable roof
14	0.2	6	Retractable roof panel
29	0.4	7	Other / unknown
1034	12.7	9	Missing data

Variable 338	OPTIONAL ROOF 1	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Vina derived - Optional Roof 1

20Nov03 Prcnt Code Value and Description

11	0.1	1	None / not available
545	6.7	2	Manual sun / moon roof
2574	31.6	3	Power sun / moon roof
65	0.8	4	Removable panels
25	0.3	5	Removable roof
0	0.0	6	Retractable roof panel
25	0.3	7	Other / unknown
4909	60.2	9	Missing data

Variable 339	OPTIONAL ROOF 2	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Vina derived - Optional Roof 2

20Nov03 Prcnt Code Value and Description

0	0.0	1	None / not available
0	0.0	2	Manual sun / moon roof
10	0.1	3	Power sun / moon roof
3	0.0	4	Removable panels
2	0.0	5	Removable roof
0	0.0	6	Retractable roof panel
2	0.0	7	Other / unknown
8137	99.8	9	Missing data

Variable 340	DAYLIGHT RUNNING LIGHTS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Vina derived - Daylight Running Lights

20Nov03 Prcnt Code Value and Description

5125	62.9	14	N - Not available
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Variable 340:DAYLIGHT RUNNING LIGHTS (Continued)

20Nov03	Prcnt	Code	Value and Description
446	5.5	15	O - Optional
1367	16.8	19	S - Standard
182	2.2	21	U - Unknown
461	5.7	39	9 - Unknown
573	7.0	99	Missing data

Variable 341	VINA SERIES TRUCK	Width: 3	Type: Alphabetic
		Dec: None	Miss: None

Variable 342	TYPE OF VEHICLE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
5	0.1	13	M - Motorcycle
4749	58.2	16	P - Passenger vehicle
2905	35.6	20	T - Truck
11	0.1	21	U - Unknown
461	5.7	39	9 - Unknown
23	0.3	99	Unknown or unavailable

Variable 343	VIN VEH WEIGHT - CAR	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

20Nov03	Prcnt	Code	Value and Description
1	0.0	434	434 pounds
		-	Nearest Pound
1	0.0	5393	5393 pounds
3545	43.5	9999	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 344	VIN MODEL CARS	Width: 3	Type: Alphabetic
		Dec: None	Miss: None

Variable 345	VIN BODY TYPE	Width: 2	Type: Alphabetic
		Dec: None	Miss: None

20Nov03	Prcnt	Code	Value and Description
			Passenger Vehicles
		AM	Ambulance
		CB	Cab & Chassis (LUV)

Variable 345:VIN BODY TYPE (Continued)

20Nov03 Prcnt Code Value and Description

CP Coupe
 CV Convertible
 C4 Coupe 4-Door
 HB Hatchback (used only when number of doors is unknown)
 HR Hearse
 HT Hardtop (used only when number of doors is unknown)
 IN Incomplete Passenger
 LB Liftback
 LM Limousine (same code as truck-based)
 NB Notchback
 PK Pickup (to code trucks commonly registered as passenger vehicles)
 PN Panel (to code trucks commonly registered as passenger vehicles)
 P2 2 Passenger Low
 P4 4 Passenger Low
 RD Roadster
 SB Sport Hatchback
 SC Sport Coupe
 SD Sedan (used only when number of doors is unknown)
 SV Sport Van
 SW Station Wagon
 UT Utility (to code trucks commonly registered as passenger vehicles)
 WW Wide Wheel Wagon
 2D Sedan 2-Door
 2F Formal Hardtop 2-Door
 2H Hatchback 2-Door
 2L Liftback 2-Door
 2P Pillard Hardtop 2-Door
 2T Hardtop 2-Door
 2W Wagon 2-Door
 3D Runabout 3-Door
 3P Coupe 3-Door
 4D Sedan 4-Door
 4H Hatchback 4-Door
 4L Liftback 4-Door
 4P Pillard Hardtop 4-Door
 4T Hardtop 4-Door
 4W Wagon 4-Door
 5D Sedan 5-Door

Trucks

AC Auto Carrier
 AR Armored Truck
 BU Bus
 CB Chassis and Cab
 CC Conventional Cab
 CG Cargo Van
 CH Crew Chassis
 CL Club Chassis
 CM Concrete or Transit Mixer

Variable 345:VIN BODY TYPE (Continued)

20Nov03	Prcnt	Code	Value and Description
		CR	Crane
		CS	Super Cab / Chassis Pickup
		CU	Custom Pickup
		CV	Convertible (Jeep Commando, Suzuki Samurai, Dodge Dakota)
		CW	Crew Pickup
		CY	Cargo Cutaway
		DP	Dump
		DS	Tractor Truck (Diesel)
		EC	Extended Cargo Van
		ES	Extended Sport Van
		EV	Ext Van
		EW	Extended Window Van
		FB	Flat-Bed or Platform
		FC	Forward Control
		FT	Fire Truck
		GG	Garbage or Refuse
		GL	Gliders
		GN	Grain
		HO	Hopper
		IC	Incomplete Chassis
		IE	Incomplete Ext Van
		LG	Logger
		LL	Suburban & Carry All
		LM	Limousine (same code as aut-based)
		MH	Motorized Home
		MP	Multi-purpose
		MV	Maxi Van
		MW	Maxi Wagon
		MY	Motorized Cutaway
		PC	Club Cab Pickup
		PD	Parcel Delivery
		PK	Pickup
		PM	Pickup with Camper Mounted on Bed
		PN	Panel
		PS	Super Cab Pickup
		RD	Roadster (Jeep, Jeep Commando)
		SN	Step Van
		SP	Sport Pickup
		ST	Stake or Rack
		SV	Sports Van
		SW	Station Wagon (Jeep Wagoneer, Dodge Sportsman A100, Toyota Landcruiser)
		S1	One Seat
		S2	Two Seat
		TB	Tilt Cab
		TL	Tilt Tandem
		TM	Tandem
		TN	Tank
		TR	Tractor Truck (Gasoline)
		UT	Utility (Blazer, Jimmy, Scout, etc.)
		VC	Van Camper
		VD	Display Van

Variable 345:VIN BODY TYPE (Continued)

20Nov03	Prcnt	Code	Value and Description
		VN	Van
		VT	Vanette (Including Metro and Handy Van)
		VW	Window Van
		WK	Tow Truck Wrecker
		WW	Wide Wheel Wagon
		XT	Travelall (IHC version of Chev. Suburban)
		YY	Cutaway
		2W	2-Door Wagon
		3B	3-Door Extended Cab / Chassis
		3C	4-Door Extended Cab Pickup
		4B	3-Door Extended Cab / Chassis
		4C	4-Door Extended Cab Pickup
		4W	4-Door Wagon
		8V	8 Passenger Sport Van
Motorcycles			
		AT	All Terrain
		EN	Enduro
		MK	Mini Bike
		MM	Mini Motor Cross
		MP	Moped
		MR	Mini Road / Trail
		MS	Motor Scooter
		MX	Motor Cross
		MY	Mini Cycle
		RC	Racer
		RS	Road / Street
		RT	Road / Trail
		T	Dirt
		TL	Trail / Dirt
		TR	Trails
		98	Missing
		99	Unknown

Variable 346	VIN MAKE	Width: 5	Type: Alphabetic
		Dec: None	Miss: None

Variable 347	VIN MODEL YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
		1	0.0 1953 1953
			-
		313	3.8 1992 1992
		395	4.8 1993 1993
		445	5.5 1994 1994

Variable 347:VIN MODEL YEAR (Continued)

20Nov03	Prcnt	Code	Value and Description
469	5.8	1995	1995
414	5.1	1996	1996
460	5.6	1997	1997
481	5.9	1998	1998
752	9.2	1999	1999
818	10.0	2000	2000
778	9.5	2001	2001
593	7.3	2002	2002
62	0.8	2003	2003
461	5.7	9999	Unknown

Variable 348 TRUCK WEIGHT CODE Width: 1 Type: Numeric
Dec: None Miss: 9

20Nov03	Prcnt	Code	Value and Description
1835	22.5	1	6,000 lbs & under
799	9.8	2	6,001 - 10,000 lbs
29	0.4	3	10,001 - 14,000 lbs
11	0.1	4	14,001 - 16,000 lbs
4	0.0	5	16,001 - 19,500 lbs
26	0.3	6	19,501 - 26,000 lbs
23	0.3	7	26,001 - 33,000 lbs
172	2.1	8	Over 33,000 lbs
5255	64.4	9	Unknown

Variable 349 MTRCYCLE ENGINE DISPLACE Width: 4 Type: Numeric
Dec: None Miss: 9999

Variable 350 WEIGHT - OTHER VEHICLE Width: 3 Type: Numeric
Dec: None Miss: 999

20Nov03	Prcnt	Code	Value and Description
0	0.0	45	Less than 450 kilograms
1	0.0	69	- Weight (to nearest 10 kilograms)
2	0.0	431	4,310 kilograms
0	0.0	610	6,100 kilograms or more
0	0.0	997	Not available
1562	19.2	998	Not applicable (most severe impact not with another vehicle or with vehicle hitting itself)
2024	24.8	999	Unknown

Variable 351	BODY TYPE - OTHER VEH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03 Prcnt	Code	Value	Description
Automobiles			
45	0.6	1	Convertible (excludes sun roof, t-bar)
519	6.4	2	2-door sedan, hardtop, coupe
200	2.5	3	3-door/2-door hatchback
2035	25.0	4	4-door sedan, hardtop
32	0.4	5	5-door/4-door hatchback
102	1.3	6	Station Wagon (excluding van and truck based)
0	0.0	7	Hatchback, number of doors unknown
2	0.0	8	Other automobile type
24	0.3	9	Unknown automobile type
Automobile Derivatives			
2	0.0	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
0	0.0	13	Three-wheel automobile or automobile derivative
Utility Vehicles (< 4,536 kgs GVWR)			
487	6.0	14	Compact utility (includes Jeep CJ-2 thru Jeep CJ-7, Renegade, Wrangler, Navajo, Bronco, Thing)
129	1.6	15	Large utility (includes Jeep Cherokee, Ram Charger, Trailduster, fullsize Blazer, Scout)
21	0.3	16	Utility station wagon (Chevy Suburban, GMC Suburban, Travelall, Grand Wagoneer, includes suburban limousine)
5	0.1	17	3-door vehicle
3	0.0	19	Utility unknown body type
Van Based Light Trucks (< 4,536 kgs GVWR)			
297	3.6	20	Minivan (Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
107	1.3	21	Large van (Sportsman, Royal, Ram, Chevy Van, Voyager-Pre83, Econoline, etc.)
3	0.0	22	Step van or walk-in van (< 4,536 kgs GVWR)
0	0.0	23	Van based motorhome (< 4,536 kgs GVWR)
1	0.0	24	Van based school bus (< 4,536 kgs GVWR)
0	0.0	25	Van based other bus (< 4,536 kgs GVWR)
5	0.1	28	Other van type (Hi-Cube Van, Kary)
1	0.0	29	Unknown van type
Lt Conventional Truck (P.U. style cab, < 4,536 kgs. GVWR)			
299	3.7	30	Compact pickup (Ram 50, Dakota, Arrow Pickup, Ranger, Toyota Pickup, etc.)
358	4.4	31	Large pickup (Jeep Pickup, Comanche, Silverado, Sierra, etc.)
0	0.0	32	Pickup with slide-in camper
0	0.0	33	Convertible pickup
9	0.1	39	Unknown (pickup style) light conventional truck

Variable 351:BODY TYPE - OTHER VEH (Continued)

20Nov03	Prcnt	Code	Value and Description
			Other Light Trucks (< or = 4,536 kgs. GVWR)
15	0.2	40	Cab chassis based (includes rescue vehicle, light stake, dump, and tow truck)
0	0.0	41	Truck based panel
1	0.0	42	Light truck based motorhome (chassis mounted)
0	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)
7	0.1	50	School bus (designed to carry students, not cross country or transit)
7	0.1	58	Other bus type (e.g., transit, intercity, bus based motorhome)
0	0.0	59	Unknown bus type
			Medium/Heavy Trucks (> 4,536 kgs GVWR)
0	0.0	60	Step van (> 4,536 kgs GVWR)
15	0.2	61	Single unit straight truck (4,536 kgs < GVWR < or = 8,845 kgs)
16	0.2	62	Single unit straight truck (8,845 kgs < GVWR < or = 11,793 kgs)
32	0.4	63	Single unit straight truck (>11,793 kgs GVWR)
6	0.1	64	Single unit straight truck, GVWR unknown
1	0.0	65	Medium/heavy truck based motorhome
9	0.1	67	Truck-tractor with no cargo trailer
110	1.3	68	Truck-tractor pulling one trailer
6	0.1	69	Truck-tractor pulling two or more trailers
1	0.0	70	Truck-tractor (unknown if pulling trailer)
2	0.0	74	Medium / heavy pickup (>= 4,536 kgs)
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)
7	0.1	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
			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
2	0.0	97	Other type vehicle
1562	19.2	98	Not applicable (most severe impact not with another vehicle or with vehicle hitting itself)
1653	20.3	99	Unknown body type

Variable 352	ROLLOVER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
7112	87.2	0	No rollover (no overturning)
			Rollover (primarily about the longitudinal axis)
120	1.5	1	Rollover - one quarter turn only
158	1.9	2	Rollover - two quarter turns
53	0.6	3	Rollover - three quarter turns
131	1.6	4	Rollover - four quarter turns
23	0.3	5	Rollover - five quarter turn
62	0.8	6	Rollover - six quarter turns
7	0.1	7	Rollover - seven quarter turns
38	0.5	8	Rollover - eight quarter turns
6	0.1	9	Rollover - nine quarter turns
8	0.1	10	Rollover - ten quarter turns
0	0.0	11	Rollover - eleven quarter turns
3	0.0	12	Rollover - twelve quarter turns
1	0.0	13	Rollover - thirteen quarter turns
0	0.0	14	Rollover - fourteen quarter turns
0	0.0	15	Rollover - fifteen quarter turns
2	0.0	16	Rollover - sixteen quarter turns
0	0.0	17	Rollover - seventeen or more quarter turns
			Rollover (primarily about the lateral axis)
7	0.1	98	Rollover - end-over-end
423	5.2	99	Rollover (overturn) - details unknown or Inapplicable - Body Type (V309) = 50-99

Variable 353	ROLLOVER INITIATION TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

For diagram see Appendix A

20Nov03	Prcnt	Code	Value and Description
7112	87.2	0	No rollover
419	5.1	1	Trip-over
31	0.4	2	Flip-over
6	0.1	3	Turn-over
9	0.1	4	Climb-over
40	0.5	5	Fall-over
35	0.4	6	Bounce-over
70	0.9	7	Collision with another vehicle
2	0.0	8	Other rollover initiation type
7	0.1	98	Rollover - end-over-end
423	5.2	99	Unknown rollover initiation type or Inapplicable - Body Type (V309) = 50-99

<u>Variable 354</u>	<u>LOCATION OF ROLLOVER INI</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Location of rollover initiation

20Nov03	Prcnt	Code	Value and Description
7112	87.2	0	No rollover
156	1.9	1	On roadway
26	0.3	2	On shoulder - paved
50	0.6	3	On shoulder - unpaved
380	4.7	4	On roadside or divided trafficway median
7	0.1	8	Rollover -- end-over-end
423	5.2	9	Unknown or Inapplicable - Body Type (V309) = 50-99

<u>Variable 355</u>	<u>ROLLOVER INIT OBJ CONTAC</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Rollover initiation object contacted

20Nov03	Prcnt	Code	Value and Description
7112	87.2	0	No rollover
31	0.4	1	Vehicle Number 1
33	0.4	2	Vehicle Number 2
2	0.0	3	Vehicle Number 3
1	0.0	4	Vehicle Number 4
1	0.0	6	Vehicle Number 6
			Noncollision
46	0.6	31	Turn-over - fall-over
7	0.1	32	No rollover impact initiation (end-over-end)
0	0.0	34	Jackknife
			Collision with fixed object
5	0.1	41	Tree (< or = 10 centimeters in diameter)
7	0.1	42	Tree (> 10 centimeters in diameter)
0	0.0	43	Shrubbery or bush
15	0.2	44	Embankment
1	0.0	45	Breakaway pole or post
			Nonbreakaway pole or post
3	0.0	50	Pole or post (< or = 10 centimeters in diameter)
3	0.0	51	Pole or post (> 10 or < or = 30 centimeters in diameter)
3	0.0	52	Pole or post (> 30 centimeters in diameter)
0	0.0	53	Pole, post - diameter unknown
15	0.2	54	Concrete traffic barrier
0	0.0	55	Impact attenuator
11	0.1	56	Other traffic barrier (includes guardrail)
0	0.0	57	Fence
5	0.1	58	Wall
0	0.0	59	Building

Variable 355:ROLLOVER INIT OBJ CONTAC (Continued)

20Nov03	Prcnt	Code	Value and Description
4	0.0	60	Ditch or culvert
366	4.5	61	Ground
0	0.0	62	Fire hydrant
31	0.4	63	Curb
0	0.0	64	Bridge
26	0.3	68	Other fixed object
0	0.0	69	Unknown fixed object
Collision with nonfixed object			
2	0.0	70	Passenger car, light truck, van or other vehicle not in-transport
0	0.0	71	Medium/heavy truck or bus not in-transport
0	0.0	76	Animal
0	0.0	77	Train
0	0.0	78	Trailer, disconnected in transport
0	0.0	79	Object fell from vehicle in-transport
0	0.0	88	Other nonfixed object
0	0.0	89	Unknown nonfixed object
1	0.0	98	Other event
423	5.2	99	Unknown event or object or Inapplicable - Body Type (V309) = 50-99

Variable 356	PRIN TRIP FORCE APPLIED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Location on vehicle where initial principal tripping force is applied

20Nov03	Prcnt	Code	Value and Description
7112	87.2	0	No rollover
419	5.1	1	Wheels/tires
58	0.7	2	Side plane
48	0.6	3	End plane
40	0.5	4	Undercarriage
1	0.0	5	Other location on vehicle
46	0.6	6	Noncontact rollover forces
7	0.1	8	Rollover -- end-over-end
423	5.2	9	Unknown or Inapplicable - Body Type (V309) = 50-99

<u>Variable 357</u>	<u>DIRECTION OF INITIAL ROL</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Direction of initial roll

20Nov03	Prcnt	Code	Value and Description
7112	87.2	0	No rollover
299	3.7	1	Roll right - primarily about longitudinal axis
312	3.8	2	Roll left - primarily about longitudinal axis
7	0.1	8	Rollover -- end-over-end (i.e., primarily about lateral axis)
424	5.2	9	Unknown roll direction or Inapplicable - Body Type (V309) = 50-99

<u>Variable 358</u>	<u>HEADING ANGLE - THIS VEH</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Heading angle for this vehicle

20Nov03	Prcnt	Code	Value and Description
803	9.8	0	- Actual coded value
1	0.0	357	
20	0.2	996	Nonhorizontal impact
373	4.6	997	Noncollision
1369	16.8	998	Impact with object
341	4.2	999	Unknown or Inapplicable - Body Type (V309) = 50-99

<u>Variable 359</u>	<u>HEADING ANGLE - OTH VEH</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Heading angle for other vehicle

20Nov03	Prcnt	Code	Value and Description
788	9.7	0	- Actual coded value
1	0.0	357	
20	0.2	996	Nonhorizontal impact
373	4.6	997	Noncollision
1369	16.8	998	Impact with object
345	4.2	999	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 360	RECONSTRUCT CONFIDENCE	Width: 1	Type: Numeric
		Dec: None	Miss: None

Confidence in reconstruction program results

20Nov03	Prcnt	Code	Value and Description
3673	45.0	0	No reconstruction
2800	34.3	1	Collision fits model - results appear reasonable
61	0.7	2	Collision fits model - results appear high
151	1.9	3	Collision fits model - results appear low
1147	14.1	4	Borderline reconstruction - results appear reasonable
322	3.9	9	Inapplicable - Body Type (V309) = 50-99

Variable 361	BASIS FOR TOTAL DELTA-V	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03	Prcnt	Code	Value and Description
1331	16.3	0	No vehicle inspection
			Delta V calculated
2718	33.3	1	Reconstruction program - damage only routine
28	0.3	2	Reconstruction program - damage and trajectory routine
1413	17.3	3	Missing vehicle algorithm
			Delta V not calculated
375	4.6	4	At least one vehicle is beyond the scope of reconstruction program regardless of collision condition
329	4.0	5	Rollover
97	1.2	6	Other nonhorizontal forces
176	2.2	7	Sideswipe type damage
22	0.3	8	Severe override
297	3.6	9	Yielding object
133	1.6	10	Overlapping damage
797	9.8	11	All vehs & collision conditions are within scope, but there is insufficient data available
116	1.4	98	Other
322	3.9	99	Inapplicable - Body Type (V309) = 50-99

Variable 362	TOTAL DELTA-V	Width: 3	Type: Numeric
		Dec: None	Miss: 999

20Nov03	Prcnt	Code	Value and Description
1	0.0	0	Less than 0.5 kmph
12	0.1	4	- Nearest kmph
1	0.0	112	
0	0.0	160	159.5 kmph and above

Variable 362:TOTAL DELTA-V (Continued)

20Nov03	Prcnt	Code	Value and Description
3995	49.0	999	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 363	LONG COMPONENT DELTA-V	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

Values may be negative

20Nov03	Prcnt	Code	Value and Description
		-160	-159.5 kmph and above
		0	0 (Zero) kmph
		4	
		-	Nearest kmph
		112	
		160	159.5 kmph and above
		9999	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 364	LAT COMPONENT DELTA-V	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

Values may be negative

20Nov03	Prcnt	Code	Value and Description
		-160	-159.5 kmph and above
		0	0 (Zero) kmph
		4	
		-	Nearest kmph
		112	
		160	159.5 kmph and above
		9999	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 365	ENERGY ABSORPTION	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

20Nov03	Prcnt	Code	Value and Description
		0	0.0
		0	Less than 50 joules
		1	0.0
		2	
		-	Nearest 100 joules
		1	0.0
		9152	
		0	0.0
		9997	999,650 joules or more
		3995	49.0
		9999	Unknown or Inapplicable - Body Type (V309) = 50-99

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Variable 366	BARRIER EQUIVALENT SPEED	Width: 3	Type: Numeric
		Dec: None	Miss: 999

20Nov03	Prcnt	Code	Value and Description
		0	Less than 0.5 kmph
		2	- nearest kmph
		118	
		160	> or = 159.5 kmph and above
3589	44.0	999	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 367	EST HIGHEST DELTA V	Width: 1	Type: Numeric
		Dec: None	Miss: 9

ESTIMATED HIGHEST DELTA V (RESEARCHER DETERMINED)

20Nov03	Prcnt	Code	Value and Description
4565	56.0	0	Reconstruction delta V coded
			Estimated Delta V
		1	Less than 10 kmph
		2	Delta V > or = 10 kmph < 25 kmph
		3	Delta V > or = 25 kmph < 40 kmph
		4	Delta V > or = 40 kmph < 55 kmph
		5	Delta V > or = 55 kmph
			Other estimates of damage severities
		6	Minor
		7	Moderate
		8	Severe
2018	24.7	9	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 368	SPEED LIMIT (KMPH)	Width: 3	Type: Numeric
		Dec: None	Miss: 999

20Nov03	Prcnt	Code	Value and Description
		0	No statutory limit
		8	8 kmph (5 mph)
			- Posted or statutory limit (kmph)
		121	121 kmph (75mph)
100	1.2	999	Unknown

Variable 369 TRAVEL SPEED (KMPH) Width: 3 Type: Numeric
Dec: None Miss: 999

Police reported travel speed (mph x 1.6093 = kmph)

20Nov03	Prcnt	Code	Value and Description
600	7.4	0	Stopped vehicle or traveling less than 0.5 kmph
1	0.0	2	- Police reported travel speed (kmph)
1	0.0	154	
11	0.1	160	159.5 kmph or greater
5360	65.7	999	Unknown

Variable 370 IMPACT SPEED Width: 3 Type: Numeric
Dec: None Miss: 999

20Nov03	Prcnt	Code	Value and Description
0	0.0	0	< 0.5 kmph
1	0.0	29	- Nearest kmph
1	0.0	134	
0	0.0	160	> or = 159.0 kmph and above
4131	50.7	998	Trajectory algorithm
3995	49.0	999	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 371 ACCIDENT TYPE Width: 2 Type: Numeric
Dec: None Miss: 99

20Nov03	Prcnt	Code	Value and Description
2	0.0	0	No impact
445	5.5	1	- Diagram number (see Appendix B)
8	0.1	93	
839	10.3	98	Other accident type
2	0.0	99	Unknown or no driver present

Variable 372 TRAJECTORY DATA DOC Width: 1 Type: Numeric
Dec: None Miss: None

Documentation of trajectory data for this vehicle?

20Nov03	Prcnt	Code	Value and Description
6256	76.7	0	No
1576	19.3	1	Yes
322	3.9	9	Inapplicable - Body Type (V309) = 50-99

Variable 373	POST COLL TREE/POLE COND	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Post collision condition of tree or pole

20Nov03	Prcnt	Code	Value and Description
7092	87.0	0	Not collision (for highest delta V) with tree or pole
510	6.3	1	Not damaged
70	0.9	2	Cracked/sheared
16	0.2	3	Tilted < 45 degrees
9	0.1	4	Tilted > or = 45 degrees
40	0.5	5	Uprooted tree
8	0.1	6	Separated pole from base
61	0.7	7	Pole replaced
5	0.1	8	Other
343	4.2	9	Unknown or Inapplicable Body Type (V309) = 50-99

Variable 374	DISTRACTION TO DRIVING	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Driver's distraction/inattention to driving (Prior to recognition of critical event)

20Nov03	Prcnt	Code	Value and Description
31	0.4	0	No driver present
3060	37.5	1	Attentive or not distracted
409	5.0	2	Looked but did not see
Distractions			
105	1.3	3	By other occupant(s)
17	0.2	4	By moving object in vehicle
24	0.3	5	While talking or listening to cellular phone (specify location and type of phone)
2	0.0	6	While dialing cellular phone (specify location and type of phone)
3	0.0	7	While adjusting climate controls
17	0.2	8	While adjusting radio, cassette, CD
9	0.1	9	While using other device/controls integral to vehicle
23	0.3	10	While using or reaching for device/object brought into vehicle
182	2.2	11	Sleepy or fell asleep
143	1.8	12	Distracted by outside person, object, or event
17	0.2	13	Eating or drinking
8	0.1	14	Smoking related
52	0.6	97	Distracted/inattentive, details unknown
196	2.4	98	Other distraction
3856	47.3	99	Unknown

Variable 375 PRE-EVENT MOVEMENT Width: 2 Type: Numeric
Dec: None Miss: 99

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

20Nov03	Prcnt	Code	Value and Description
31	0.4	0	No driver present
4335	53.2	1	Going straight
186	2.3	2	Decelerating in traffic lane
19	0.2	3	Accelerating in traffic lane
28	0.3	4	Starting in traffic lane
764	9.4	5	Stopped in traffic lane
74	0.9	6	Passing or overtaking another vehicle
7	0.1	7	Disabled or parked in travel lane
10	0.1	8	Leaving a parked position
0	0.0	9	Entering a parked position
119	1.5	10	Turning right
1009	12.4	11	Turning left
45	0.6	12	Making U-turn
16	0.2	13	Backing up (other than for parking position)
1267	15.5	14	Negotiating a curve
149	1.8	15	Changing lanes
28	0.3	16	Merging
31	0.4	17	Successful avoidance maneuver to a previous critical event
13	0.2	97	Other
23	0.3	99	Unknown

Variable 376 CRITICAL PRECRASH EVENT Width: 2 Type: Numeric
Dec: None Miss: 99

Initial critical precrash event (Precrash 2)

20Nov03	Prcnt	Code	Value and Description
This Vehicle Loss of Control Due To:			
30	0.4	1	Blow out or flat tire
2	0.0	2	Stalled engine
7	0.1	3	Disabling vehicle failure (e.g. wheel fell off)
6	0.1	4	Nondisabling vehicle problem (e.g. hood flew up)
170	2.1	5	Poor road conditions (puddle, pothole, ice, etc.)
315	3.9	6	Traveling too fast for conditions
77	0.9	8	Other cause of control loss
96	1.2	9	Unknown cause of control loss
This Vehicle Traveling:			
402	4.9	10	Over the lane line on left side of travel lane
155	1.9	11	Over the lane line on right side of travel lane
322	3.9	12	Off the edge of the road on the left side
502	6.2	13	Off the edge of the road on the right side
23	0.3	14	End departure
813	10.0	15	Turning left at intersection

Variable 376:CRITICAL PRECRASH EVENT (Continued)

20Nov03	Prcnt	Code	Value and Description
63	0.8	16	Turning right at intersection
799	9.8	17	Crossing over (passing through) intersection
55	0.7	18	This vehicle decelerating
6	0.1	19	Unknown travel direction
Other Motor Vehicle in Lane:			
452	5.5	50	Other vehicle stopped
131	1.6	51	Traveling in same direction with lower steady speed
231	2.8	52	Traveling in same direction while decelerating
757	9.3	53	Traveling in same direction with higher speed
96	1.2	54	Traveling in opposite direction
63	0.8	55	In crossover
7	0.1	56	Backing
7	0.1	59	Unknown travel direction of other motor vehicle in lane
Other Motor Vehicle Encroaching Into Lane:			
231	2.8	60	From adjacent lane (same direction) - over left lane line
181	2.2	61	From adjacent lane (same direction) - over right lane line
893	11.0	62	From opposite direction - over left lane line
22	0.3	63	From opposite direction - over right lane line
14	0.2	64	From parking lane
50	0.6	65	From crossing street - turning into same direction
654	8.0	66	From crossing street - across path
209	2.6	67	From crossing street - turning into opposite direction
11	0.1	68	From crossing street - intended path not known
18	0.2	70	From driveway - turning into same direction
24	0.3	71	From driveway - across path
65	0.8	72	From driveway - turning into opposite direction
7	0.1	73	From driveway - intended path not known
9	0.1	74	From entrance to limited access highway
7	0.1	78	Encroachment by other vehicle - details unknown
Pedestrian or Pedalcyclist, or Other Nonmotorist			
3	0.0	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
8	0.1	88	Animal approaching roadway
0	0.0	89	Animal - unknown location
22	0.3	90	Object in roadway
4	0.0	91	Object approaching roadway
2	0.0	92	Object - unknown location
70	0.9	98	Other critical precrash event
8	0.1	99	Unknown

Variable 377 PRE-IMPACT STABILITY Width: 1 Type: Numeric
Dec: None Miss: 9

20Nov03 Prcnt Code Value and Description

31	0.4	0	No driver present
5606	68.8	1	Tracking
732	9.0	2	Skidding longitudinally - rotation less than 30 degrees
288	3.5	3	Skidding laterally - clockwise rotation
331	4.1	4	Skidding laterally - counterclockwise rotation
13	0.2	7	Other vehicle loss-of-control
1153	14.1	9	Preocrash stability unknown

Variable 378 PRE-IMPACT LOCATION Width: 1 Type: Numeric
Dec: None Miss: 9

20Nov03 Prcnt Code Value and Description

31	0.4	0	No driver present
5521	67.7	1	Stayed in original travel lane
920	11.3	2	Stayed on roadway but left original travel lane
51	0.6	3	Stayed on roadway, not known if left original travel lane
1465	18.0	4	Departed roadway
20	0.2	5	Remained off roadway
26	0.3	6	Returned to roadway
44	0.5	7	Entered roadway
76	0.9	9	Unknown

Variable 379 ATTEMPTED AVOID MANEUVER Width: 2 Type: Numeric
Dec: None Miss: 99

Attempted avoidance maneuver

20Nov03 Prcnt Code Value and Description

31	0.4	0	No driver present
2738	33.6	1	No avoidance maneuver
539	6.6	2	Braking (no lockup)
513	6.3	3	Braking (lockup)
72	0.9	4	Braking (lockup unknown)
1	0.0	5	Releasing brakes
271	3.3	6	Steering left
277	3.4	7	Steering right
222	2.7	8	Braking and steering left
260	3.2	9	Braking and steering right
52	0.6	10	Accelerating
9	0.1	11	Accelerating and steering left
11	0.1	12	Accelerating and steering right
57	0.7	98	Other action
3101	38.0	99	Unknown

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Variable 380	RELATION TO INTERCHANGE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Relation to interchange or junction

20Nov03	Prcnt	Code	Value and Description
3288	40.3	0	Noninterchange area and non-junction
408	5.0	1	Interchange area related
			NonInterchange junctions
3930	48.2	2	Interchange related
496	6.1	3	Driveway, alley access related
30	0.4	4	Other junction
0	0.0	5	Unknown type of junction
2	0.0	9	Unknown

Variable 381	TRAFFICWAY FLOW	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code	Value and Description
4958	60.8	0	Not physically divided (two way trafficway)
1583	19.4	1	Divided trafficway-median strip without positive barrier
1022	12.5	2	Divided trafficway-median strip with positive barrier
591	7.2	3	One way trafficway
0	0.0	9	Unknown

Variable 382	NUMBER OF TRAVEL LANES	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code	Value and Description
225	2.8	1	One
3693	45.3	2	Two
1264	15.5	3	Three
1489	18.3	4	Four
955	11.7	5	Five
261	3.2	6	Six
267	3.3	7	Seven or more
0	0.0	9	Unknown

Variable 383	ROADWAY ALIGNMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code	Value and Description
6630	81.3	1	Straight
744	9.1	2	Curve right
778	9.5	3	Curve left

Variable 383:ROADWAY ALIGNMENT (Continued)

20Nov03	Prcnt	Code	Value and Description
2	0.0	9	Unknown

Variable 384	ROADWAY PROFILE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code	Value and Description
5980	73.3	1	Level
1008	12.4	2	Uphill grade (> 2%)
59	0.7	3	Hillcrest
1088	13.3	4	Downhill grade (> 2%)
14	0.2	5	Sag
5	0.1	9	Unknown

Variable 385	ROADWAY SURFACE TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code	Value and Description
844	10.4	1	Concrete
7212	88.4	2	Bituminous (asphalt)
3	0.0	3	Brick or block
34	0.4	4	Slag, gravel or stone
38	0.5	5	Dirt
23	0.3	8	Other
0	0.0	9	Unknown

Variable 386	ROADWAY SURFACE CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code	Value and Description
6549	80.3	1	Dry
1296	15.9	2	Wet
121	1.5	3	Snow or slush
151	1.9	4	Ice
7	0.1	5	Sand, dirt or oil
22	0.3	8	Other
8	0.1	9	Unknown

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Variable 387	LIGHT CONDITIONS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt Code Value and Description

5206	63.8	1	Daylight
847	10.4	2	Dark
1812	22.2	3	Dark, but lighted
122	1.5	4	Dawn
158	1.9	5	Dusk
9	0.1	9	Unknown

Variable 388	ATMOSPHERIC CONDITIONS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt Code Value and Description

7028	86.2	0	No adverse atmospheric-related driving conditions
878	10.8	1	Rain
19	0.2	2	Sleet/hail
173	2.1	3	Snow
11	0.1	4	Fog
3	0.0	5	Rain and fog
0	0.0	6	Sleet and fog
31	0.4	7	Other (e.g. smog, smoke, blowing sand or dust, etc.)
11	0.1	9	Unknown

Variable 389	TRAFFIC CONTROL DEVICE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt Code Value and Description

4960	60.8	0	No traffic control(s)
2235	27.4	1	Traffic control signal (not RR crossing)
			Regulatory
634	7.8	2	Stop sign
30	0.4	3	Yield sign
3	0.0	4	School zone sign
179	2.2	5	Other regulatory sign
71	0.9	6	Warning sign (not RR crossing)
0	0.0	7	Unknown sign
40	0.5	8	Miscellaneous/other controls including RR controls
2	0.0	9	Unknown

Variable 390 CONTROL DEVICE FUNCTION Width: 1 Type: Numeric
Dec: None Miss: 9

Traffic control device functioning

20Nov03 Prcnt Code Value and Description

4960	60.8	0	No traffic control device
36	0.4	1	Traffic control device not functioning
3117	38.2	2	Traffic control device functioning properly
41	0.5	9	Unknown

Variable 391 DRIVER PRESENCE Width: 1 Type: Numeric
Dec: None Miss: 9

Driver presence in vehicle

20Nov03 Prcnt Code Value and Description

23	0.3	0	Driver not present
7809	95.8	1	Driver present
322	3.9	9	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 392 ALCOHOL PRESENCE Width: 1 Type: Numeric
Dec: None Miss: 9

Police reported alcohol presence

The phrase "alcohol present" means that the driver had consumed an alcoholic beverage. Presence is not an indication that alcohol was in any way a cause of the accident.

20Nov03 Prcnt Code Value and Description

6672	81.8	0	No alcohol present
682	8.4	1	Yes alcohol present
418	5.1	7	Not reported
31	0.4	8	No driver present
351	4.3	9	Unknown

Variable 393 ALCOHOL TEST RESULT Width: 2 Type: Numeric
Dec: 2 Miss: 0.99

Alcohol test result for driver

20Nov03 Prcnt Code Value and Description

519	6.4	0.00	- Actual value
1	0.0	0.46	

Variable 393:ALCOHOL TEST RESULT (Continued)

20Nov03	Prcnt	Code	Value and Description
40	0.5	0.95	Test refused
6400	78.5	0.96	None given
242	3.0	0.97	AC test performed, results unknown
31	0.4	0.98	No driver present
413	5.1	0.99	Unknown

Variable 394	OTHER DRUG PRESENCE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Police reported other drug presence for driver

20Nov03	Prcnt	Code	Value and Description
6685	82.0	0	No other drug(s) present
108	1.3	1	Yes other drug(s) present
946	11.6	7	Not reported
31	0.4	8	No driver present
384	4.7	9	Unknown

Variable 395	OTH DRUG - SPECIMEN TEST	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Other drug specimen test result for driver

20Nov03	Prcnt	Code	Value and Description
6673	81.8	0	No specimen test given
390	4.8	1	Drug(s) not found in specimen
262	3.2	2	Drug(s) found in specimen
122	1.5	3	Specimen test given, results unknown or not obtained
32	0.4	8	No driver present
675	8.3	9	Unknown if specimen test given

Variable 396	DRIVER'S ZIP CODE	Width: 5	Type: Numeric
		Dec: None	Miss: 99999

20Nov03	Prcnt	Code	Value and Description
14	0.2	1	Driver not a resident of U.S. or territories - Actual 5-digit zip code
31	0.4	99998	Driver not present
190	2.3	99999	Unknown

Variable 397	DRIVER'S RACE/ETHNIC	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Driver's Race/Ethnic Origin

20Nov03	Prcnt	Code	Value and Description
3301	40.5	1	White (non-Hispanic)
889	10.9	2	Black (non-Hispanic)
589	7.2	3	White (Hispanic)
21	0.3	4	Black (Hispanic)
20	0.2	5	American Indian, Eskimo or Aleut
149	1.8	6	Asian or Pacific Islander
66	0.8	7	Other
31	0.4	8	Driver not present
3088	37.9	9	Unknown

Variable 398	AOPS VEHICLE	Width: 1	Type: Numeric
		Dec: None	Miss: None

Automatic Occupant Protection System (AOPS) Vehicle?

20Nov03	Prcnt	Code	Value and Description
1823	22.4	0	No or Unknown
5446	66.8	1	Yes - researcher determined
492	6.0	2	VIN determined air bag system
65	0.8	3	VIN determined automatic (passive) belts
6	0.1	4	VIN determined air bag and automatic (passive) belts
322	3.9	9	Inapplicable - Body Type (V309) = 50-99

Variable 399	AIR BAG DEPLOY 1ST SEAT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Air Bag(s) Deployment, First Seat Frontal

20Nov03	Prcnt	Code	Value and Description
2104	25.8	0	Not equipped or not available
2401	29.4	1	No air bags deployed
Single air bag vehicle			
347	4.3	2	Driver air bag deployed
14	0.2	3	Driver air bag, unknown if deployed
Multiple air bag vehicle			
74	0.9	4	Driver side only deployed
13	0.2	5	Passenger side only deployed
1826	22.4	6	Driver and passenger side only deployed
106	1.3	7	Driver and passenger side, unknown if deployed
66	0.8	8	Air bag(s) deployed, details unknown
1203	14.8	9	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 400	AIR BAG DEPLOY OTH SEAT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Air Bag(s) Deployment, Other Than First Seat Frontal

20Nov03	Prcnt	Code	Value and Description
7036	86.3	0	Not equipped with an "other" air bag
84	1.0	1	Deployed during accident (as a result of impact)
0	0.0	2	Deployed inadvertently just prior to accident
3	0.0	3	Deployed, details unknown
0	0.0	4	Deployed as a result of a noncollision event during accident sequence (e.g. fire, explosion, electrical)
34	0.4	5	Unknown if deployed
428	5.2	7	Nondeployed
569	7.0	9	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 401	RESTRAINT TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Vina derived - Restraint Type

20Nov03	Prcnt	Code	Value and Description
897	11.0	1	A - Active (manual) belts
36	0.4	2	B - Driver front air bag / passenger side belt unknown
78	1.0	3	C - Dual front air bags / belt system unknown
141	1.7	4	D - Dual front air bag / passenger side passive belt
2752	33.8	5	E - Dual front air bags / active belts
5	0.1	6	F - Dual front air bags / passive belts
0	0.0	7	G - Dual air bags front and side/belts unknown
0	0.0	8	H - Dual air bags front, head and sides / belts unknown
1	0.0	9	I - Dual air bags front, head and sides / passive belts
0	0.0	10	J - Dual air bags front and sides / passive belts
388	4.8	11	K - Dual air bags front and sides / active belts
21	0.3	12	L - Dual air bags front, head and sides / active belts
496	6.1	13	M - Driver front air bag / passenger side active belt
0	0.0	14	N - If unable to determine
584	7.2	16	P - Passive (automatic) belts
47	0.6	18	R - Dual air bags front and side / active belts w/automatic passenger sensor
39	0.5	19	S - Dual air bags front, head, and side / active belts w/automatic passenger sensor
2	0.0	20	T - Dual air bags front / active belts / rear passenger side air bag
233	2.9	21	U - Dual front air bag / active belts w/passenger side deactivation/cutoff switch
12	0.1	22	V - Dual air bags front, head, and side / active belts / rear dual side air bags
27	0.3	24	X - Dual air bags front / side air bag, driver-side only / active belts
4	0.0	34	4 - Dual front air bags with passenger sensor: active belts
461	5.7	39	Not applicable or missing data

Variable 401:RESTRAINT TYPE (Continued)

20Nov03	Prcnt	Code	Value and Description
1930	23.7	99	Unknown

Variable 402	MAXIMUM TREATMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt Code Value and Description

1789	21.9	0	No treatment
390	4.8	1	Fatal
13	0.2	2	Fatal - ruled disease
1508	18.5	3	Hospitalization
2299	28.2	4	Transported and released
71	0.9	5	Treatment at scene
243	3.0	6	Treatment later
0	0.0	7	Treatment - other
145	1.8	8	Transported - unknown treatment
1696	20.8	9	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 403	MAXIMUM KNOWN AIS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt Code Value and Description

1518	18.6	0	Not injured
2602	31.9	1	Minor injury
772	9.5	2	Moderate injury
611	7.5	3	Serious injury
224	2.7	4	Severe injury
189	2.3	5	Critical injury
68	0.8	6	Maximum (untreatable) injury
556	6.8	7	Injury, unknown severity
1614	19.8	9	Unknown if injured or Inapplicable - Body Type (V309) = 50-99

Variable 404	NUM SERIOUSLY INJURED	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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

20Nov03 Prcnt Code Value and Description

5446	66.8	0	None
1008	12.4	1	
		-	Number of persons
4	0.0	5	
1548	19.0	99	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 405	NUMBER INJURED	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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

20Nov03	Prcnt	Code	Value and Description
1584	19.4	0	None
3535	43.4	1	- Number of persons
2	0.0	8	
1548	19.0	99	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 406	NUMBER OF OCCUPANTS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
18	0.2	0	- Actual number of occupants for vehicle
1	0.0	11	
0	0.0	97	97 or more
322	3.9	99	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 407	NUMBER OCCUPANT FORMS	Width: 2	Type: Numeric
		Dec: None	Miss: None

NUMBER OF OCCUPANT FORMS SUBMITTED

20Nov03	Prcnt	Code	Value and Description
1226	15.0	0	- Number of occupant forms
1	0.0	11	
322	3.9	99	Inapplicable - Body Type (V309) = 50-99

Variable 408	DELTA V EVENT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
5295	64.9	1	Event #1
780	9.6	2	Event #2
275	3.4	3	Event #3
83	1.0	4	Event #4
39	0.5	5	Event #5
13	0.2	6	Event #6
9	0.1	7	Event #7
5	0.1	8	Event #8
2	0.0	9	Event #9

Variable 408:DELTA V EVENT NUMBER (Continued)

20Nov03 Prcnt Code Value and Description

1653	20.3	99	Unknown, no indication of Delta V coded, or Inapplicable - Body Type (V309) = 50-99
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The EXTERIOR DAMAGE Variables

Variables 501 through 569 describe the exterior damage to the vehicle.

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: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03	Prcnt	Code Value and Description	
2109	25.9	0	Filler - No damage record for this vehicle.
6045	74.1	6	Exterior Damage record

Variable 504	VERSION NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03	Prcnt	Code Value and Description	
8154	100.0	15	Version 15

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

20Nov03	Prcnt	Code Value and Description	
4589	56.3	1	Vehicle #1
2925	35.9	2	Vehicle #2
506	6.2	3	Vehicle #3
99	1.2	4	Vehicle #4
25	0.3	5	Vehicle #5
7	0.1	6	Vehicle #6
1	0.0	7	Vehicle #7
1	0.0	8	Vehicle #8
1	0.0	9	Vehicle #9

Variable 506	ACCIDENT SEQUENCE (1)	Width: 2	Type: Numeric
		Dec: None	Miss: None

CDC 1 - ACCIDENT EVENT SEQUENCE NUMBER

20Nov03	Prcnt	Code	Value and Description
0	0.0	0	No event
4911	60.2	1	- Sequence number
2	0.0	9	
2109	25.9	99	No Record

Variable 507	OBJECT CONTACTED (1)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
Collision with Motor Vehicle in Transport			
0	0.0	0	No event or CDC applicable
2077	25.5	1	- Vehicle number
1	0.0	9	
Noncollision			
330	4.0	31	Overturn - rollover (excludes end-over-end)
3	0.0	32	Rollover - end-over-end
0	0.0	34	Jackknife
0	0.0	38	Other noncollision
0	0.0	39	Noncollision - details unknown
Collision with fixed object			
18	0.2	41	Tree (< or = 10 cm in diameter)
339	4.2	42	Tree (> 10 cm in diameter)
2	0.0	43	Shrubbery or bush
46	0.6	44	Embankment
16	0.2	45	Breakaway pole or post (any diameter)
Nonbreakaway pole or post			
14	0.2	50	Pole or post (< or = 10 cm in diameter)
139	1.7	51	Pole or post (> 10 or < or = 30 cm in diameter)
102	1.3	52	Pole or post (> 30 cm in diameter)
13	0.2	53	Pole, post - diameter unknown
101	1.2	54	Concrete traffic barrier
2	0.0	55	Impact attenuator
100	1.2	56	Other traffic barrier (includes guardrail)
7	0.1	57	Fence
27	0.3	58	Wall
13	0.2	59	Building
55	0.7	60	Ditch or culvert
5	0.1	61	Ground
4	0.0	62	Fire hydrant
16	0.2	63	Curb

Variable 507:OBJECT CONTACTED (1) (Continued)

20Nov03	Prcnt	Code	Value and Description
34	0.4	64	Bridge
30	0.4	68	Other fixed object
1	0.0	69	Unknown fixed object
Collision with nonfixed object			
81	1.0	70	Passenger car, light truck, van or other vehicle not in-transport
6	0.1	71	Medium/heavy truck or bus not in-transport
0	0.0	72	Pedestrian
0	0.0	73	Cyclist or cycle
2	0.0	74	Other nonmotorist or conveyance
0	0.0	75	Vehicle occupant
22	0.3	76	Animal
4	0.0	77	Train
2	0.0	78	Trailer, disconnected in transport
9	0.1	79	Object fell from vehicle in transport
17	0.2	88	Other nonfixed object
0	0.0	89	Unknown nonfixed object
2	0.0	98	Other event
2109	25.9	99	Unknown event or object

Variable 508 DIRECTION OF FORCE (1) Width: 2 Type: Numeric
Dec: None Miss: 99

20Nov03	Prcnt	Code	Value and Description
449	5.5	0	Nonhorizontal force
550	6.7	1	1 o'clock
312	3.8	2	2 o'clock
124	1.5	3	3 o'clock
19	0.2	4	4 o'clock
43	0.5	5	5 o'clock
456	5.6	6	6 o'clock
38	0.5	7	7 o'clock
21	0.3	8	8 o'clock
173	2.1	9	9 o'clock
323	4.0	10	10 o'clock
628	7.7	11	11 o'clock
1992	24.4	12	12 o'clock
End shift vertical - up; top shift forward			
2	0.0	21	1 o'clock
3	0.0	26	6 o'clock
3	0.0	31	11 o'clock
10	0.1	32	12 o'clock
End shift vertical - down; top shift rearward			
7	0.1	46	6 o'clock

Variable 508:DIRECTION OF FORCE (1) (Continued)

20Nov03	Prcnt	Code	Value and Description
1	0.0	51	11 o'clock
6	0.1	52	12 o'clock
End or top shift lateral - right			
8	0.1	61	1 o'clock
8	0.1	62	2 o'clock
6	0.1	63	3 o'clock
4	0.0	64	4 o'clock
2	0.0	68	8 o'clock
8	0.1	69	9 o'clock
32	0.4	70	10 o'clock
66	0.8	71	11 o'clock
26	0.3	72	12 o'clock
End or top shift lateral - left			
88	1.1	81	1 o'clock
36	0.4	82	2 o'clock
5	0.1	83	3 o'clock
2	0.0	86	6 o'clock
10	0.1	89	9 o'clock
7	0.1	90	10 o'clock
8	0.1	91	11 o'clock
32	0.4	92	12 o'clock
2646	32.5	99	Unknown/No record

Variable 509	DEFORMATION LOCATION (1)	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 510	LONG/LAT LOCATION (1)	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 511	VERT/LAT LOCATION (1)	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 512	TYPE OF DISTRIB (1)	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 513	DEFORMATION EXTENT (1)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

CDC 1 - DEFORMATION EXTENT

20Nov03	Prcnt	Code	Value and Description
0	0.0	0	No event
1390	17.0	1	Extent zone 1
1631	20.0	2	Extent zone 2
1134	13.9	3	Extent zone 3
450	5.5	4	Extent zone 4
200	2.5	5	Extent zone 5
159	1.9	6	Extent zone 6
70	0.9	7	Extent zone 7
21	0.3	8	Extent zone 8
77	0.9	9	Extent zone 9
3022	37.1	99	Unknown/No record

Variable 514	DEFORM LOC (1) - NUMERIC	Width: 2	Type: Numeric
		Dec: None	Miss: 39

Deformation location (1) - numeric

20Nov03	Prcnt	Code	Value and Description
514	6.3	2	B - Back (rear)
3372	41.4	6	F - Front
817	10.0	12	L - Left side
685	8.4	18	R - Right side
343	4.2	20	T - Top
32	0.4	21	U - Undercarriage
282	3.5	39	Unknown
2109	25.9	99	Not applicable or No CDC

Variable 515	LONG/LAT LOC (1)-NUMERIC	Width: 2	Type: Numeric
		Dec: None	Miss: 39

Specific longitudinal or lateral location (1) - numeric

20Nov03	Prcnt	Code	Value and Description
77	0.9	2	B
49	0.6	3	C
2318	28.4	4	D
263	3.2	6	F
418	5.1	12	L
207	2.5	16	P
367	4.5	18	R
973	11.9	25	Y
732	9.0	26	Z
641	7.9	39	Unknown

Variable 515:LONG/LAT LOC (1)-NUMERIC (Continued)

20Nov03 Prcnt Code Value and Description

2109 25.9 99 Not applicable or No CDC

Horizontal Impacts

- 2 B - Side rear -- left or right
- 3 C - Center -- front or rear
- 4 D - Distributed -- side or end
- 6 F - Side front -- left or right
- 12 L - Left -- front or rear
- 16 P - Side center section -- L or C
- 18 R - Right -- front or rear
- 25 Y - Side (F + P) or end (L + C)
- 26 Z - Side (P + B) or end (C + R)
- 39 Unknown

Top or Undercarriage

- 2 B - Rear section
- 4 D - Distributed (F+P+B)
- 6 F - Front section
- 16 P - Center section
- 25 Y - F+P
- 26 Z - P+B
- 39 Unknown

Variable 516	VERT/LAT LOC (1)-NUMERIC	Width: 2	Type: Numeric
		Dec: None	Miss: 39

Specific vertical or lateral location (1) - numeric

20Nov03 Prcnt Code Value and Description

471	5.8	1	A
3	0.0	3	C
344	4.2	4	D
4404	54.0	5	E
10	0.1	7	G
14	0.2	8	H
134	1.6	12	L
38	0.5	13	M
4	0.0	18	R
6	0.1	23	W
2	0.0	25	Y
6	0.1	26	Z
609	7.5	39	Unknown
2109	25.9	99	Not applicable or No CDC

CDC (Vertical - Front, Rear, or Side Impacts)

- 1 A - All
- 5 E - Everything below belt line
- 7 G - Belt line and above
- 8 H - Top of frame to top

Variable 516:VERT/LAT LOC (1)-NUMERIC (Continued)

20Nov03	Prcnt	Code	Value and Description
		12	L - Frame -- top of frame, frame, bottom of frame (including undercarriage)
		13	M - Middle -- top of frame to belt line or hood
		23	W - Below undercarriage level (wheels and tires only)
		39	Unknown
CDC (Lateral - Top and Undercarriage Impacts)			
		5	C - Center
		4	D - Distributed
		12	L - Left
		18	R - Right
		25	Y - Left and Center (L + C)
		26	Z - Right and Center (R + C)
		39	Unknown

Variable 517	TYPE OF DISTRIB (1)-NUM	Width: 2	Type: Numeric
		Dec: None	Miss: 39

Type of damage distribution (1) - numeric

20Nov03	Prcnt	Code	Value and Description
17	0.2	1	A - Overhanging structure
476	5.8	5	E - Corner
3	0.0	11	K - Conversion in impact type
227	2.8	14	N - Narrow impact area
332	4.1	15	O - Rollover (includes side)
130	1.6	19	S - Sideswipe
4	0.0	21	U - No residual deformation
4189	51.4	23	W - Wide impact area
667	8.2	39	Unknown
2109	25.9	99	Not applicable or No CDC

Variable 518	ACCIDENT SEQUENCE (2)	Width: 2	Type: Numeric
		Dec: None	Miss: None

CDC 2 - ACCIDENT EVENT SEQUENCE NUMBER

20Nov03	Prcnt	Code	Value and Description
0	0.0	0	No event
514	6.3	1	- Sequence number
1	0.0	10	
5841	71.6	99	No Record

Variable 519	OBJECT CONTACTED (2)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
			Collision with Motor Vehicle in Transport
	0 0.0	0	No event or not CDC applicable
	330 4.0	1	- Vehicle number
	1 0.0	6	
			Noncollision
	235 2.9	31	Overturn - rollover (excludes end-over-end)
	3 0.0	32	Rollover - end-over-end
	1 0.0	34	Jackknife
	0 0.0	38	Other noncollision
	0 0.0	39	Noncollision - details unknown
			Collision with fixed object
	36 0.4	41	Tree (< or = 10 cm in diameter)
	136 1.7	42	Tree (> 10 cm in diameter)
	24 0.3	43	Shrubbery or bush
	43 0.5	44	Embankment
	31 0.4	45	Breakaway pole or post (any diameter)
			Nonbreakaway pole or post
	60 0.7	50	Pole or post (< or = 10 cm in diameter)
	68 0.8	51	Pole or post (> 10 or < or = 30 cm in diameter)
	35 0.4	52	Pole or post (> 30 cm in diameter)
	10 0.1	53	Pole, post - diameter unknown
	80 1.0	54	Concrete traffic barrier
	3 0.0	55	Impact attenuator
	100 1.2	56	Other traffic barrier (includes guardrail)
	64 0.8	57	Fence
	21 0.3	58	Wall
	14 0.2	59	Building
	28 0.3	60	Ditch or culvert
	23 0.3	61	Ground
	6 0.1	62	Fire hydrant
	111 1.4	63	Curb
	15 0.2	64	Bridge
	60 0.7	68	Other fixed object
	3 0.0	69	Unknown fixed object
			Collision with nonfixed object
	46 0.6	70	Passenger car, light truck, van or other vehicle not in-transport
	0 0.0	71	Medium/heavy truck or bus not in-transport
	5 0.1	72	Pedestrian
	0 0.0	73	Cyclist or cycle
	2 0.0	74	Other nonmotorist or conveyance
	1 0.0	75	Vehicle occupant
	4 0.0	76	Animal
	0 0.0	77	Train

Variable 519:OBJECT CONTACTED (2) (Continued)

20Nov03	Prcnt	Code	Value and Description
5	0.1	78	Trailer, disconnected in transport
3	0.0	79	Object fell from vehicle in transport
28	0.3	88	Other nonfixed object
0	0.0	89	Unknown nonfixed object
1	0.0	98	Other event
5851	71.8	99	Unknown event or object

Variable 520 DIRECTION OF FORCE (2) Width: 2 Type: Numeric
Dec: None Miss: 99

20Nov03	Prcnt	Code	Value and Description
378	4.6	0	Nonhorizontal force
83	1.0	1	1 o'clock
55	0.7	2	2 o'clock
264	3.2	3	3 o'clock
25	0.3	4	4 o'clock
33	0.4	5	5 o'clock
114	1.4	6	6 o'clock
29	0.4	7	7 o'clock
25	0.3	8	8 o'clock
283	3.5	9	9 o'clock
58	0.7	10	10 o'clock
74	0.9	11	11 o'clock
581	7.1	12	12 o'clock
			End shift vertical - up; top shift forward
			End shift vertical - down; top shift rearward
			End or top shift lateral - right
1	0.0	61	1 o'clock
1	0.0	69	9 o'clock
1	0.0	70	10 o'clock
1	0.0	72	12 o'clock
			End or top shift lateral - left
1	0.0	82	2 o'clock
1	0.0	83	3 o'clock
1	0.0	86	6 o'clock
1	0.0	92	12 o'clock
6144	75.3	99	Unknown/No record

NASS Crashworthiness Data System (CDS)
2002 - Exterior Damage

Variable 521	DEFORMATION LOCATION (2)	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 522	LONG/LAT LOCATION (2)	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 523	VERT/LAT LOCATION (2)	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 524	TYPE OF DISTRIB (2)	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 525	DEFORMATION EXTENT (2)	Width: 2 Dec: None	Type: Numeric Miss: 99

CDC 2 - DEFORMATION EXTENT

20Nov03	Prcnt	Code	Value and Description
0	0.0	0	No event
849	10.4	1	Extent zone 1
443	5.4	2	Extent zone 2
262	3.2	3	Extent zone 3
41	0.5	4	Extent zone 4
30	0.4	5	Extent zone 5
15	0.2	6	Extent zone 6
10	0.1	7	Extent zone 7
5	0.1	8	Extent zone 8
35	0.4	9	Extent zone 9
6464	79.3	99	Unknown/No record

Variable 526	DEFORM LOC (2) - NUMERIC	Width: 2 Dec: None	Type: Numeric Miss: 39
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Deformation location (2) - numeric

20Nov03	Prcnt	Code	Value and Description
140	1.7	2	B - Back (rear)
707	8.7	6	F - Front
573	7.0	12	L - Left side
562	6.9	18	R - Right side
199	2.4	20	T - Top
49	0.6	21	U - Undercarriage
83	1.0	39	Unknown
5841	71.6	99	Not applicable or No CDC

Variable 527 LONG/LAT LOC (2)-NUMERIC Width: 2 Type: Numeric
Dec: None Miss: 39

Specific longitudinal or lateral location (2) - numeric

20Nov03	Prcnt	Code	Value and Description
341	4.2	2	B
27	0.3	3	C
517	6.3	4	D
140	1.7	6	F
156	1.9	12	L
156	1.9	16	P
147	1.8	18	R
172	2.1	25	Y
247	3.0	26	Z
410	5.0	39	Unknown
5841	71.6	99	Not applicable or No CDC

Horizontal Impacts

2 B - Side rear -- left or right
3 C - Center -- front or rear
4 D - Distributed -- side or end
6 F - Side front -- left or right
12 L - Left -- front or rear
16 P - Side center section -- L or C
18 R - Right -- front or rear
25 Y - Side (F + P) or end (L + C)
26 Z - Side (P + B) or end (C + R)
39 Unknown

Top or Undercarriage

2 B - Rear section
4 D - Distributed (F+P+B)
6 F - Front section
16 P - Center section
25 Y - F+P
26 Z - P+B
39 Unknown

Variable 528 VERT/LAT LOC (2)-NUMERIC Width: 2 Type: Numeric
Dec: None Miss: 39

Specific vertical or lateral location (2) - numeric

20Nov03	Prcnt	Code	Value and Description
187	2.3	1	A
3	0.0	3	C
193	2.4	4	D
1201	14.7	5	E
14	0.2	7	G
15	0.2	8	H
116	1.4	12	L

Variable 528:VERT/LAT LOC (2)-NUMERIC (Continued)

20Nov03 Prcnt Code Value and Description

62	0.8	13	M
7	0.1	18	R
109	1.3	23	W
2	0.0	25	Y
5	0.1	26	Z
399	4.9	39	Unknown
5841	71.6	99	Not applicable or No CDC

CDC (Vertical - Front, Rear, or Side Impacts)

- 1 A - All
- 5 E - Everything below belt line
- 7 G - Belt line and above
- 8 H - Top of frame to top
- 12 L - Frame -- top of frame, frame, bottom of frame (including undercarriage)
- 13 M - Middle -- top of frame to belt line or hood
- 23 W - Below undercarriage level (wheels and tires only)
- 39 Unknown

CDC (Lateral - Top and Undercarriage Impacts)

- 5 C - Center
- 4 D - Distributed
- 12 L - Left
- 18 R - Right
- 25 Y - Left and Center (L + C)
- 26 Z - Right and Center (R + C)
- 39 Unknown

Variable 529	TYPE OF DISTRIB (2)-NUM	Width: 2	Type: Numeric
		Dec: None	Miss: 39

Type of damage distribution (2) - numeric

20Nov03 Prcnt Code Value and Description

2	0.0	1	A - Overhanging structure
135	1.7	5	E - Corner
288	3.5	14	N - Narrow impact area
237	2.9	15	O - Rollover (includes side)
184	2.3	19	S - Sideswipe
6	0.1	21	U - No residual deformation
1004	12.3	23	W - Wide impact area
457	5.6	39	Unknown
5841	71.6	99	Not applicable or No CDC

Variable 530 HIGHEST DELTA-V - "L" Width: 3 Type: Numeric
 Dec: None Miss: 999

Width of direct and induced damage

20Nov03 Prcnt Code Value and Description

0	0.0	0	Less than 0.5 centimeters
		-	
1	0.0	555	555 cm
3971	48.7	999	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 531 HIGHEST DELTA-V - "C1" Width: 3 Type: Numeric
 Dec: None Miss: 999

Depth of direct damage at point C1 - there may be 2, 4 or 6 C measurements

20Nov03 Prcnt Code Value and Description

1234	15.1	0	Less than 0.5 centimeters
		-	
1	0.0	181	181 cm
3971	48.7	999	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 532 HIGHEST DELTA-V - "C2" Width: 3 Type: Numeric
 Dec: None Miss: 999

Variable 533 HIGHEST DELTA-V - "C3" Width: 3 Type: Numeric
 Dec: None Miss: 999

Variable 534 HIGHEST DELTA-V - "C4" Width: 3 Type: Numeric
 Dec: None Miss: 999

Variable 535 HIGHEST DELTA-V - "C5" Width: 3 Type: Numeric
 Dec: None Miss: 999

Variable 536 HIGHEST DELTA-V - "C6" Width: 3 Type: Numeric
 Dec: None Miss: 999

NASS Crashworthiness Data System (CDS)
2002 - Exterior Damage

Variable 537	HIGHEST DELTA-V - "D"	Width: 4 Dec: None	Type: Numeric Miss: 9999
Variable 538	SECOND DELTA-V - "L"	Width: 3 Dec: None	Type: Numeric Miss: 999
Variable 539	SECOND DELTA-V - "C1"	Width: 3 Dec: None	Type: Numeric Miss: 999
Variable 540	SECOND DELTA-V - "C2"	Width: 3 Dec: None	Type: Numeric Miss: 999
Variable 541	SECOND DELTA-V - "C3"	Width: 3 Dec: None	Type: Numeric Miss: 999
Variable 542	SECOND DELTA-V - "C4"	Width: 3 Dec: None	Type: Numeric Miss: 999
Variable 543	SECOND DELTA-V - "C5"	Width: 3 Dec: None	Type: Numeric Miss: 999
Variable 544	SECOND DELTA-V - "C6"	Width: 3 Dec: None	Type: Numeric Miss: 999
Variable 545	SECOND DELTA-V - "D"	Width: 4 Dec: None	Type: Numeric Miss: 9999
Variable 546	CDC'S DOC/NOT CODED	Width: 1 Dec: None	Type: Numeric Miss: None

Are CDCs documented but not coded on the automated file?

20Nov03	Prcnt	Code	Value and Description
5247	64.3	0	No
798	9.8	1	Yes
2109	25.9	9	No record

Variable 547	VEHICLE DISPOSITION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Researcher's assessment of vehicle disposition

20Nov03	Prcnt	Code	Value and Description
787	9.7	0	Not towed due to vehicle damage
4905	60.2	1	Towed due to vehicle damage
2462	30.2	9	Unknown/No record

Variable 548	ORIGINAL WHEELBASE	Width: 3	Type: Numeric
		Dec: None	Miss: 999

20Nov03	Prcnt	Code	Value and Description
1	0.0	169	- Wheelbase (in increments of 1 cm)
1	0.0	600	
0	0.0	650	650 centimeters or more
2115	25.9	999	Unknown/No record

Variable 549	MULTI-STAGE VEHICLE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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

20Nov03	Prcnt	Code	Value and Description
5939	72.8	0	No post manufacturer modifications
97	1.2	1	Yes - post manufacturer modifications
2118	26.0	9	Unknown if vehicle is modified

Variable 550	FIRE OCCURRENCE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code	Value and Description
5983	73.4	0	No fire
			Yes, fire occurred
25	0.3	1	Minor
37	0.5	2	Major
2109	25.9	9	Unknown

NASS Crashworthiness Data System (CDS)
2002 - Exterior Damage

Variable 551	<u>ORIGIN OF FIRE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt Code Value and Description

5983	73.4	0	No fire
3	0.0	1	Vehicle exterior (front, side, back, top)
0	0.0	2	Exhaust system
9	0.1	3	Fuel tank (and other fuel retention system parts)
42	0.5	4	Engine compartment
1	0.0	5	Cargo/trunk compartment
1	0.0	6	Instrument panel
1	0.0	7	Passenger compartment area
2	0.0	8	Other location
2112	25.9	9	Unknown

Variable 552	<u>TYPE OF FUEL TANK 1</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt Code Value and Description

1	0.0	0	No fuel tank (electrical vehicle)
4389	53.8	1	Metallic
1475	18.1	2	NonMetallic
2289	28.1	9	Unknown

Variable 553	<u>TYPE OF FUEL TANK 2</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt Code Value and Description

5977	73.3	0	No fuel tank (electrical vehicle)
65	0.8	1	Metallic
3	0.0	2	NonMetallic
2109	25.9	9	Unknown

Variable 554	<u>FUEL TANK 1 LOCATION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt Code Value and Description

1	0.0	0	No fuel tank
902	11.1	1	Aft of center of the rear wheels (rear axle) centered
48	0.6	2	Aft of center of the rear wheels (rear axle) left side
37	0.5	3	Aft of center of the rear wheels (rear axle) right side
3087	37.9	4	Forward of center of the rear wheels (rear axle) centered
1477	18.1	5	Forward of center of the rear wheels (rear axle) left side
312	3.8	6	Forward of center of the rear wheels (rear axle) right side
58	0.7	7	Over center of the rear wheels (rear axle)

Variable 554:FUEL TANK 1 LOCATION (Continued)

20Nov03	Prcnt	Code	Value and Description
13	0.2	8	Other
2219	27.2	9	Unknown

Variable 555 FUEL TANK 2 LOCATION Width: 1 Type: Numeric
 Dec: None Miss: 9

20Nov03	Prcnt	Code	Value and Description
5977	73.3	0	No fuel tank
32	0.4	1	Aft of center of the rear wheels (rear axle) centered
2	0.0	2	Aft of center of the rear wheels (rear axle) left side
0	0.0	3	Aft of center of the rear wheels (rear axle) right side
3	0.0	4	Forward of center of the rear wheels (rear axle) centered
16	0.2	5	Forward of center of the rear wheels (rear axle) left side
11	0.1	6	Forward of center of the rear wheels (rear axle) right side
2	0.0	7	Over center of the rear wheels (rear axle)
1	0.0	8	Other
2110	25.9	9	Unknown

Variable 556 FUEL TANK 1 FILLER CAP Width: 1 Type: Numeric
 Dec: None Miss: 9

Fuel tank 1 filler cap location

20Nov03	Prcnt	Code	Value and Description
1	0.0	0	No fuel tank
108	1.3	1	On back plane
2989	36.7	2	Aft of center of the rear wheels (rear axle) on left side plane
1456	17.9	3	Aft of center of the rear wheels (rear axle) on right side plane
1120	13.7	4	Forward of center of the rear wheels (rear axle) on left side plane
110	1.3	5	Forward of center of the rear wheels (rear axle) on right side plane
136	1.7	6	Over the center of the rear wheels (rear axle) on left side plane
73	0.9	7	Over the center of the rear wheels (rear axle) on right side plane
16	0.2	8	Other
2145	26.3	9	Unknown

Variable 557	FUEL TANK 2 FILLER CAP	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Fuel tank 2 filler cap location

20Nov03	Prcnt	Code	Value and Description
5977	73.3	0	No fuel tank
1	0.0	1	On back plane
34	0.4	2	Aft of center of the rear wheels (rear axle) on left side plane
2	0.0	3	Aft of center of the rear wheels (rear axle) on right side plane
19	0.2	4	Forward of center of the rear wheels (rear axle) on left side plane
11	0.1	5	Forward of center of the rear wheels (rear axle) on right side plane
0	0.0	6	Over the center of the rear wheels (rear axle) on left side plane
0	0.0	7	Over the center of the rear wheels (rear axle) on right side plane
1	0.0	8	Other
2109	25.9	9	Unknown

Variable 558	FUEL TANK 1 DAMAGE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code	Value and Description
1	0.0	0	No fuel tank
5603	68.7	1	No damage to fuel tank
126	1.5	2	Deformed, no seam failure
10	0.1	3	Deformed, with a seam failure
7	0.1	4	Punctured
3	0.0	5	Lacerated (ripped)
43	0.5	6	Abraded (scraped)
4	0.0	7	Filler neck separation from the fuel tank
10	0.1	8	Other damage
2347	28.8	9	Unknown

Variable 559	FUEL TANK 2 DAMAGE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code	Value and Description
5977	73.3	0	No fuel tank
65	0.8	1	No damage to fuel tank
0	0.0	2	Deformed, no seam failure
0	0.0	3	Deformed, with a seam failure
0	0.0	4	Punctured
0	0.0	5	Lacerated (ripped)
0	0.0	6	Abraded (scraped)

Variable 559:FUEL TANK 2 DAMAGE (Continued)

20Nov03	Prcnt	Code	Value and Description
	0 0.0	7	Filler neck separation from the fuel tank
	0 0.0	8	Other damage
2112	25.9	9	Unknown

Variable 560	LOCATION OF FUEL 1 LEAK	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Location of fuel system 1 leakage

20Nov03	Prcnt	Code	Value and Description
	1 0.0	0	No fuel tank
5759	70.6	1	No fuel leakage
			Primary area of leakage
	19 0.2	2	Tank
	10 0.1	3	Filler neck
	2 0.0	4	Cap
	7 0.1	5	Lines/pump/filter
	0 0.0	6	Vent/emission recovery
	3 0.0	8	Other
2353	28.9	9	Unknown

Variable 561	LOCATION OF FUEL 2 LEAK	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Location of fuel system 2 leakage

20Nov03	Prcnt	Code	Value and Description
5977	73.3	0	No fuel tank
65	0.8	1	No fuel leakage
			Primary area of leakage
	0 0.0	2	Tank
	0 0.0	3	Filler neck
	0 0.0	4	Cap
	0 0.0	5	Lines/pump/filter
	0 0.0	6	Vent/emission recovery
	0 0.0	8	Other
2112	25.9	9	Unknown

Variable 562	FUEL TYPE 1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03 Prcnt Code Value and Description

Single fuel type		
0	0.0	0 No fuel tank
5964	73.1	1 Gasoline
60	0.7	2 Diesel
0	0.0	3 CNG (Compressed Natural Gas)
0	0.0	4 LPG (Liquid Petroleum Gas) also known as Propane
0	0.0	5 LNG (Liquid Natural Gas)
0	0.0	6 Methanol (M100 or M85)
5	0.1	7 Ethanol (E100 or E85)
2	0.0	8 Other (Hydrogen or others)
Electric powered or electric/solar powered vehicles		
0	0.0	10 Lead acid battery
1	0.0	11 Nickel-iron battery
0	0.0	12 Nickel-cadmium battery
0	0.0	13 Sodium metal chloride battery
0	0.0	14 Sodium sulfur battery
0	0.0	18 Other
0	0.0	98 Other Hybrid
2122	26.0	99 Unknown

Variable 563	FUEL TYPE 2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03 Prcnt Code Value and Description

Single fuel type		
5977	73.3	0 No fuel tank
60	0.7	1 Gasoline
7	0.1	2 Diesel
1	0.0	3 CNG (Compressed Natural Gas)
0	0.0	4 LPG (Liquid Petroleum Gas) also known as Propane
0	0.0	5 LNG (Liquid Natural Gas)
0	0.0	6 Methanol (M100 or M85)
0	0.0	7 Ethanol (E100 or E85)
0	0.0	8 Other (Hydrogen or others)
Electric powered or electric/solar powered vehicles		
0	0.0	10 Lead acid battery
0	0.0	11 Nickel-iron battery
0	0.0	12 Nickel-cadmium battery
0	0.0	13 Sodium metal chloride battery
0	0.0	14 Sodium sulfur battery
0	0.0	18 Other
0	0.0	98 Other Hybrid
2109	25.9	99 Unknown

Variable 564 MORE THAN 2 FUEL TANKS Width: 1 Type: Numeric
Dec: None Miss: 9

Is this vehicle equipped with more than two fuel tanks?

20Nov03	Prcnt	Code	Value and Description
6045	74.1	0	No (one or two tanks only)
			Yes - more than two tanks
0	0.0	1	Yes, no damage to any tank or filler cap and no fuel system leakage
0	0.0	2	Yes, no damage to any tank or filler cap but there is fuel system leakage
0	0.0	3	Yes, damage to additional tank or filler cap and there is fuel system leakage, and specify the following: Type of tank Tank location Filler cap location Tank damage Location of leakage Type of fuel
2109	25.9	9	Unknown if more than two tanks

Variable 565 UNDEFORMED END WIDTH Width: 3 Type: Numeric
Dec: None Miss: 999

Undeformed end width (coded when highest severity impact is an end plane impact)

20Nov03	Prcnt	Code	Value and Description
2	0.0	112	- Code measured value to the nearest centimeter
1	0.0	230	
0	0.0	250	250 centimeters or more
2159	26.5	998	No highest severity end plane impact
2239	27.5	999	Unknown

Variable 566 DIRECT DAMAGE WIDTH Width: 3 Type: Numeric
Dec: None Miss: 999

Direct damage width (for highest severity impact)

20Nov03	Prcnt	Code	Value and Description
2	0.0	2	- Code measured value to the nearest centimeter
1	0.0	249	
295	3.6	250	250 centimeters or more
3375	41.4	999	Unknown

Variable 567	ORIGINAL AVE. TRACK WID.	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Original average track width

20Nov03	Prcnt	Code	Value and Description
1	0.0	101	- Code to the nearest centimeter
1	0.0	184	
8	0.1	185	185 centimeters or more
2334	28.6	999	Unknown

Variable 568	PDOF1-CLOCK DEGREES	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Primary CDC Clock in degrees

20Nov03	Prcnt	Code	Value and Description
1025	12.6	0	0 degrees
		-	
558	6.8	350	350 degrees
449	5.5	998	Non horizontal impact
2645	32.4	999	Unknown

Variable 569	PDOF2-CLOCK DEGREES	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Secondary CDC Clock in degrees

20Nov03	Prcnt	Code	Value and Description
381	4.7	0	0 degrees
		-	
93	1.1	350	350 degrees
378	4.6	998	Non horizontal impact
6144	75.3	999	Unknown

The INTERIOR DAMAGE "A" Variables

Variables 601 through 648 describe interior damage to the vehicles involved in the accident. Additional interior damage information is documented in Variables 701 - 756.

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: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03	Prcnt	Code Value and Description	
2725	33.4	0	Filler - No damage record for this vehicle.
5429	66.6	7	Interior Damage "A" record

Variable 604	VERSION NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03	Prcnt	Code Value and Description	
8154	100.0	15	Version 15

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

20Nov03	Prcnt	Code Value and Description	
4589	56.3	1	Vehicle #1
2925	35.9	2	Vehicle #2
506	6.2	3	Vehicle #3
99	1.2	4	Vehicle #4
25	0.3	5	Vehicle #5
7	0.1	6	Vehicle #6
1	0.0	7	Vehicle #7
1	0.0	8	Vehicle #8
1	0.0	9	Vehicle #9

Variable 606	PASS COMPART INTEGRITY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Passenger compartment integrity

20Nov03	Prcnt	Code	Value and Description
		0	No integrity loss
			Yes, integrity was lost through:
58	0.7	1	Windshield
23	0.3	2	Door (side)
2	0.0	3	Door/hatch (back door)
2	0.0	4	Roof
4	0.0	5	Roof glass
860	10.5	6	Side window
147	1.8	7	Rear window (backlight)
0	0.0	8	Roof and roof glass
2	0.0	9	Windshield and door (side)
2	0.0	10	Windshield and roof
306	3.8	11	Side and rear window (side window and backlight)
179	2.2	12	Windshield and side window
66	0.8	13	Door and side window
476	5.8	98	Other combination of above
6019	73.8	99	Unknown/No record

Variable 607	DOOR/GATE/HATCH OPN - LF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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

20Nov03	Prcnt	Code	Value and Description
		0	No door/gate/hatch
3888	47.7	1	Door/gate/hatch remained closed and operational
69	0.8	2	Door/gate/hatch came open during collision
1142	14.0	3	Door/gate/hatch jammed shut
19	0.2	8	Other
3036	37.2	9	Unknown/No record

Variable 608	DOOR/GATE/HATCH OPN - RF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Door, tailgate or hatch opening - right front

20Nov03	Prcnt	Code	Value and Description
		0	No door/gate/hatch
3980	48.8	1	Door/gate/hatch remained closed and operational
62	0.8	2	Door/gate/hatch came open during collision
1079	13.2	3	Door/gate/hatch jammed shut
15	0.2	8	Other

Variable 608:DOOR/GATE/HATCH OPN - RF (Continued)

20Nov03	Prcnt	Code	Value and Description
3017	37.0	9	Unknown/No record

Variable 609	DOOR/GATE/HATCH OPN - LR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Door, tailgate or hatch opening - left rear

20Nov03	Prcnt	Code	Value and Description
1938	23.8	0	No door/gate/hatch
2625	32.2	1	Door/gate/hatch remained closed and operational
26	0.3	2	Door/gate/hatch came open during collision
618	7.6	3	Door/gate/hatch jammed shut
4	0.0	8	Other
2943	36.1	9	Unknown/No record

Variable 610	DOOR/GATE/HATCH OPN - RR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Door, tailgate or hatch opening - right rear

20Nov03	Prcnt	Code	Value and Description
1711	21.0	0	No door/gate/hatch
2869	35.2	1	Door/gate/hatch remained closed and operational
26	0.3	2	Door/gate/hatch came open during collision
603	7.4	3	Door/gate/hatch jammed shut
5	0.1	8	Other
2940	36.1	9	Unknown/No record

Variable 611	DOOR/GATE/HATCH OPN - TG	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Door, tailgate or hatch opening - tailgate

20Nov03	Prcnt	Code	Value and Description
3851	47.2	0	No door/gate/hatch
1277	15.7	1	Door/gate/hatch remained closed and operational
45	0.6	2	Door/gate/hatch came open during collision
169	2.1	3	Door/gate/hatch jammed shut
2	0.0	8	Other
2810	34.5	9	Unknown/No record

Variable 612	DOOR/GATE/HATCH DAM - LF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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

20Nov03	Prcnt	Code	Value and Description
5360	65.7	0	No door/gate/hatch or door not opened
			Door, tailgate, or hatch came open during collision
0	0.0	1	Door operational (no damage)
33	0.4	2	Latch/striker failure due to damage
0	0.0	3	Hinge failure due to damage
23	0.3	4	Door structure failure due to damage
4	0.0	5	Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
1	0.0	6	Latch/striker and hinge failure due to damage
2	0.0	8	Other failure
2731	33.5	9	Unknown/No record

Variable 613	DOOR/GATE/HATCH DAM - RF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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

20Nov03	Prcnt	Code	Value and Description
5367	65.8	0	No door/gate/hatch or door not opened
			Door, tailgate, or hatch came open during collision
3	0.0	1	Door operational (no damage)
25	0.3	2	Latch/striker failure due to damage
5	0.1	3	Hinge failure due to damage
14	0.2	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
5	0.1	6	Latch/striker and hinge failure due to damage
0	0.0	8	Other failure
2732	33.5	9	Unknown/No record

Variable 614	DOOR/GATE/HATCH DAM - LR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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

20Nov03	Prcnt	Code	Value and Description
5403	66.3	0	No door/gate/hatch or door not opened

Variable 614:DOOR/GATE/HATCH DAM - LR (Continued)

20Nov03	Prcnt	Code	Value and Description
			Door, tailgate, or hatch came open during collision
0	0.0	1	Door operational (no damage)
13	0.2	2	Latch/striker failure due to damage
1	0.0	3	Hinge failure due to damage
5	0.1	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
1	0.0	6	Latch/striker and hinge failure due to damage
3	0.0	8	Other failure
2725	33.4	9	Unknown/No record

Variable 615	DOOR/GATE/HATCH DAM - RR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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

20Nov03	Prcnt	Code	Value and Description
5403	66.3	0	No door/gate/hatch or door not opened
			Door, tailgate, or hatch came open during collision
0	0.0	1	Door operational (no damage)
11	0.1	2	Latch/striker failure due to damage
0	0.0	3	Hinge failure due to damage
12	0.1	4	Door structure failure due to damage
2	0.0	5	Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
0	0.0	6	Latch/striker and hinge failure due to damage
0	0.0	8	Other failure
2726	33.4	9	Unknown/No record

Variable 616	DOOR/GATE/HATCH DAM - TG	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Damage/failure with D/G/H opening - tailgate or hatch

20Nov03	Prcnt	Code	Value and Description
5384	66.0	0	No door/gate/hatch or door not opened
			Door, tailgate, or hatch came open during collision
0	0.0	1	Door operational (no damage)
14	0.2	2	Latch/striker failure due to damage
2	0.0	3	Hinge failure due to damage
19	0.2	4	Door structure failure due to damage

Variable 616:DOOR/GATE/HATCH DAM - TG (Continued)

20Nov03	Prcnt	Code	Value and Description
2	0.0	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
0	0.0	8	Other failure
2731	33.5	9	Unknown/No record

Variable 617	IMPACT GLAZING DAM - WS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from impact forces - windshield

20Nov03	Prcnt	Code	Value and Description
0	0.0	0	No glazing
2208	27.1	1	No glazing damage from impact forces
2395	29.4	2	Glazing in place and cracked from impact forces
329	4.0	3	Glazing in place and holed from impact forces
95	1.2	4	Glazing out-of-place (cracked or not) and not holed from impact forces
89	1.1	5	Glazing out-of-place and holed from impact forces
0	0.0	6	Glazing disintegrated from impact forces
1	0.0	7	Glazing removed prior to accident
3037	37.2	9	Unknown if damaged/No record

Variable 618	IMPACT GLAZING DAM - LF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from impact forces - left front window

20Nov03	Prcnt	Code	Value and Description
1	0.0	0	No glazing
3981	48.8	1	No glazing damage from impact forces
6	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
1126	13.8	6	Glazing disintegrated from impact forces
3	0.0	7	Glazing removed prior to accident
3034	37.2	9	Unknown if damaged/No record

Variable 619 IMPACT GLAZING DAM - RF Width: 1 Type: Numeric
Dec: None Miss: 9

Glazing damage from impact forces - right front window

20Nov03	Prcnt	Code	Value and Description
1	0.0	0	No glazing
4195	51.4	1	No glazing damage from impact forces
10	0.1	2	Glazing in place and cracked from impact forces
0	0.0	3	Glazing in place and holed from impact forces
4	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
921	11.3	6	Glazing disintegrated from impact forces
3	0.0	7	Glazing removed prior to accident
3020	37.0	9	Unknown if damaged/No record

Variable 620 IMPACT GLAZING DAM - LR Width: 1 Type: Numeric
Dec: None Miss: 9

Glazing damage from impact forces - left rear window

20Nov03	Prcnt	Code	Value and Description
486	6.0	0	No glazing
4061	49.8	1	No glazing damage from impact forces
5	0.1	2	Glazing in place and cracked from impact forces
1	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
0	0.0	5	Glazing out-of-place and holed from impact forces
594	7.3	6	Glazing disintegrated from impact forces
2	0.0	7	Glazing removed prior to accident
3000	36.8	9	Unknown if damaged/No record

Variable 621 IMPACT GLAZING DAM - RR Width: 1 Type: Numeric
Dec: None Miss: 9

Glazing damage from impact forces - right rear window

20Nov03	Prcnt	Code	Value and Description
463	5.7	0	No glazing
4146	50.8	1	No glazing damage from impact forces
5	0.1	2	Glazing in place and cracked from impact forces
1	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
0	0.0	5	Glazing out-of-place and holed from impact forces
536	6.6	6	Glazing disintegrated from impact forces
4	0.0	7	Glazing removed prior to accident

Variable 621:IMPACT GLAZING DAM - RR (Continued)

20Nov03	Prcnt	Code	Value and Description
2994	36.7	9	Unknown if damaged/No record

Variable 622	IMPACT GLAZING DAM - BL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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

20Nov03	Prcnt	Code	Value and Description
15	0.2	0	No glazing
4297	52.7	1	No glazing damage from impact forces
13	0.2	2	Glazing in place and cracked from impact forces
2	0.0	3	Glazing in place and holed from impact forces
10	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
783	9.6	6	Glazing disintegrated from impact forces
6	0.1	7	Glazing removed prior to accident
3028	37.1	9	Unknown if damaged/No record

Variable 623	IMPACT GLAZING DAM - RO	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from impact forces - roof

20Nov03	Prcnt	Code	Value and Description
4435	54.4	0	No glazing
785	9.6	1	No glazing damage from impact forces
20	0.2	2	Glazing in place and cracked from impact forces
0	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
2	0.0	5	Glazing out-of-place and holed from impact forces
100	1.2	6	Glazing disintegrated from impact forces
2	0.0	7	Glazing removed prior to accident
2796	34.3	9	Unknown if damaged/No record

Variable 624	IMPACT GLAZING DAM - OTH	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from impact forces - other

20Nov03	Prcnt	Code	Value and Description
4687	57.5	0	No glazing

Variable 624:IMPACT GLAZING DAM - OTH (Continued)

20Nov03	Prcnt	Code	Value and Description
566	6.9	1	No glazing damage from impact forces
2	0.0	2	Glazing in place and cracked from impact forces
1	0.0	3	Glazing in place and holed from impact forces
0	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
134	1.6	6	Glazing disintegrated from impact forces
0	0.0	7	Glazing removed prior to accident
2764	33.9	9	Unknown if damaged/No record

Variable 625	CONTACT GLAZING DAM - WS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from occupant contact - windshield

20Nov03	Prcnt	Code	Value and Description
0	0.0	0	No glazing
4384	53.8	1	No occupant contact to glazing
65	0.8	2	Glazing contacted by occupant but no glazing damage
474	5.8	3	Glazing in place and cracked by occupant contact
37	0.5	4	Glazing in place and holed by occupant contact
4	0.0	5	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
3	0.0	6	Glazing out-of-place by occupant contact and holed by occupant contact
1	0.0	7	Glazing removed prior to accident
0	0.0	8	Glazing disintegrated by occupant contact
3186	39.1	9	Unknown if contacted by occupant

Variable 626	CONTACT GLAZING DAM - LF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from occ contact - left front window

20Nov03	Prcnt	Code	Value and Description
1	0.0	0	No glazing
4976	61.0	1	No occupant contact to glazing
63	0.8	2	Glazing contacted by occupant but no glazing damage
2	0.0	3	Glazing in place and cracked by occupant contact
0	0.0	4	Glazing in place and holed by occupant contact
2	0.0	5	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	6	Glazing out-of-place by occupant contact and holed by occupant contact
3	0.0	7	Glazing removed prior to accident
22	0.3	8	Glazing disintegrated by occupant contact

Variable 626:CONTACT GLAZING DAM - LF (Continued)

20Nov03	Prcnt	Code	Value and Description
3085	37.8	9	Unknown if contacted by occupant

Variable 627	CONTACT GLAZING DAM - RF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from occupant contact - right front window

20Nov03	Prcnt	Code	Value and Description
1	0.0	0	No glazing
5065	62.1	1	No occupant contact to glazing
34	0.4	2	Glazing contacted by occupant but no glazing damage
1	0.0	3	Glazing in place and cracked by occupant contact
0	0.0	4	Glazing in place and holed by occupant contact
0	0.0	5	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	6	Glazing out-of-place by occupant contact and holed by occupant contact
3	0.0	7	Glazing removed prior to accident
15	0.2	8	Glazing disintegrated by occupant contact
3035	37.2	9	Unknown if contacted by occupant

Variable 628	CONTACT GLAZING DAM - LR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from occupant contact - left rear window

20Nov03	Prcnt	Code	Value and Description
486	6.0	0	No glazing
4672	57.3	1	No occupant contact to glazing
6	0.1	2	Glazing contacted by occupant but no glazing damage
0	0.0	3	Glazing in place and cracked by occupant contact
0	0.0	4	Glazing in place and holed by occupant contact
0	0.0	5	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	6	Glazing out-of-place by occupant contact and holed by occupant contact
2	0.0	7	Glazing removed prior to accident
3	0.0	8	Glazing disintegrated by occupant contact
2985	36.6	9	Unknown if contacted by occupant

Variable 629 CONTACT GLAZING DAM - RR Width: 1 Type: Numeric
Dec: None Miss: 9

Glazing damage from occupant contact - right rear window

20Nov03	Prcnt	Code	Value and Description
463	5.7	0	No glazing
4692	57.5	1	No occupant contact to glazing
10	0.1	2	Glazing contacted by occupant but no glazing damage
0	0.0	3	Glazing in place and cracked by occupant contact
0	0.0	4	Glazing in place and holed by occupant contact
0	0.0	5	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	6	Glazing out-of-place by occupant contact and holed by occupant contact
4	0.0	7	Glazing removed prior to accident
1	0.0	8	Glazing disintegrated by occupant contact
2984	36.6	9	Unknown if contacted by occupant

Variable 630 CONTACT GLAZING DAM - BL Width: 1 Type: Numeric
Dec: None Miss: 9

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

20Nov03	Prcnt	Code	Value and Description
15	0.2	0	No glazing
5101	62.6	1	No occupant contact to glazing
10	0.1	2	Glazing contacted by occupant but no glazing damage
1	0.0	3	Glazing in place and cracked by occupant contact
0	0.0	4	Glazing in place and holed by occupant contact
1	0.0	5	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	6	Glazing out-of-place by occupant contact and holed by occupant contact
6	0.1	7	Glazing removed prior to accident
10	0.1	8	Glazing disintegrated by occupant contact
3010	36.9	9	Unknown if contacted by occupant

Variable 631 CONTACT GLAZING DAM - RO Width: 1 Type: Numeric
Dec: None Miss: 9

Glazing damage from occupant damage - roof

20Nov03	Prcnt	Code	Value and Description
4435	54.4	0	No glazing
906	11.1	1	No occupant contact to glazing
2	0.0	2	Glazing contacted by occupant but no glazing damage
4	0.0	3	Glazing in place and cracked by occupant contact
1	0.0	4	Glazing in place and holed by occupant contact

Variable 631:CONTACT GLAZING DAM - RO (Continued)

20Nov03	Prcnt	Code	Value and Description
0	0.0	5	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	6	Glazing out-of-place by occupant contact and holed by occupant contact
2	0.0	7	Glazing removed prior to accident
1	0.0	8	Glazing disintegrated by occupant contact
2803	34.4	9	Unknown if contacted by occupant

Variable 632	CONTACT GLAZING DAM - OT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Glazing damage from occupant contact - other

20Nov03	Prcnt	Code	Value and Description
4687	57.5	0	No glazing
694	8.5	1	No occupant contact to glazing
3	0.0	2	Glazing contacted by occupant but no glazing damage
0	0.0	3	Glazing in place and cracked by occupant contact
0	0.0	4	Glazing in place and holed by occupant contact
0	0.0	5	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	6	Glazing out-of-place by occupant contact and holed by occupant contact
0	0.0	7	Glazing removed prior to accident
0	0.0	8	Glazing disintegrated by occupant contact
2770	34.0	9	Unknown if contacted by occupant

Variable 633	TYPE OF GLAZING - WS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of window/windshield glazing - windshield

20Nov03	Prcnt	Code	Value and Description
0	0.0	0	No glazing contact
5369	65.8	1	AS-1 - Laminated
0	0.0	2	AS-2 - Tempered
0	0.0	3	AS-3 - Tempered-tinted (original)
0	0.0	4	AS-2 - Tempered-tinted after market tint
0	0.0	5	AS-3 - Tempered-tinted (with additional after market tint)
0	0.0	6	AS-14 - Glass/plastic
1	0.0	7	Glazing removed prior to accident
1	0.0	8	Other
2783	34.1	9	Unknown

Variable 634 TYPE OF GLAZING - LF Width: 1 Type: Numeric
 Dec: None Miss: 9

Type of window/windshield glazing - left front window

20Nov03	Prcnt	Code	Value and Description
1	0.0	0	No glazing contact
7	0.1	1	AS-1 - Laminated
4709	57.8	2	AS-2 - Tempered
83	1.0	3	AS-3 - Tempered-tinted (original)
459	5.6	4	AS-2 - Tempered-tinted after market tint
15	0.2	5	AS-3 - Tempered-tinted (with additional after market tint)
1	0.0	6	AS-14 - Glass/plastic
3	0.0	7	Glazing removed prior to accident
8	0.1	8	Other
2868	35.2	9	Unknown

Variable 635 TYPE OF GLAZING - RF Width: 1 Type: Numeric
 Dec: None Miss: 9

Type of window/windshield glazing - right front window

20Nov03	Prcnt	Code	Value and Description
1	0.0	0	No glazing contact
9	0.1	1	AS-1 - Laminated
4701	57.7	2	AS-2 - Tempered
91	1.1	3	AS-3 - Tempered-tinted (original)
470	5.8	4	AS-2 - Tempered-tinted after market tint
13	0.2	5	AS-3 - Tempered-tinted (with additional after market tint)
1	0.0	6	AS-14 - Glass/plastic
3	0.0	7	Glazing removed prior to accident
7	0.1	8	Other
2858	35.1	9	Unknown

Variable 636 TYPE OF GLAZING - LR Width: 1 Type: Numeric
 Dec: None Miss: 9

Type of window/windshield glazing - left rear window

20Nov03	Prcnt	Code	Value and Description
486	6.0	0	No glazing contact
2	0.0	1	AS-1 - Laminated
3357	41.2	2	AS-2 - Tempered
978	12.0	3	AS-3 - Tempered-tinted (original)
458	5.6	4	AS-2 - Tempered-tinted after market tint
25	0.3	5	AS-3 - Tempered-tinted (with additional after market tint)
2	0.0	6	AS-14 - Glass/plastic
2	0.0	7	Glazing removed prior to accident
11	0.1	8	Other

Variable 636:TYPE OF GLAZING - LR (Continued)

20Nov03 Prcnt Code Value and Description

2833 34.7 9 Unknown

Variable 637	TYPE OF GLAZING - RR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of window/windshield glazing - right rear window

20Nov03 Prcnt Code Value and Description

463	5.7	0	No glazing contact
4	0.0	1	AS-1 - Laminated
3382	41.5	2	AS-2 - Tempered
974	11.9	3	AS-3 - Tempered-tinted (original)
457	5.6	4	AS-2 - Tempered-tinted after market tint
29	0.4	5	AS-3 - Tempered-tinted (with additional after market tint)
2	0.0	6	AS-14 - Glass/plastic
4	0.0	7	Glazing removed prior to accident
10	0.1	8	Other
2829	34.7	9	Unknown

Variable 638	TYPE OF GLAZING - BL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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

20Nov03 Prcnt Code Value and Description

15	0.2	0	No glazing contact
7	0.1	1	AS-1 - Laminated
3692	45.3	2	AS-2 - Tempered
1023	12.5	3	AS-3 - Tempered-tinted (original)
469	5.8	4	AS-2 - Tempered-tinted after market tint
16	0.2	5	AS-3 - Tempered-tinted (with additional after market tint)
5	0.1	6	AS-14 - Glass/plastic
6	0.1	7	Glazing removed prior to accident
33	0.4	8	Other
2888	35.4	9	Unknown

Variable 639	TYPE OF GLAZING - RO	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of window/windshield glazing - roof

20Nov03 Prcnt Code Value and Description

4435 54.4 0 No glazing contact

Variable 639:TYPE OF GLAZING - RO (Continued)

20Nov03	Prcnt	Code	Value and Description
1	0.0	1	AS-1 - Laminated
111	1.4	2	AS-2 - Tempered
781	9.6	3	AS-3 - Tempered-tinted (original)
11	0.1	4	AS-2 - Tempered-tinted after market tint
9	0.1	5	AS-3 - Tempered-tinted (with additional after market tint)
1	0.0	6	AS-14 - Glass/plastic
2	0.0	7	Glazing removed prior to accident
14	0.2	8	Other
2789	34.2	9	Unknown

Variable 640	TYPE OF GLAZING - OT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of window/windshield glazing - other

20Nov03	Prcnt	Code	Value and Description
4687	57.5	0	No glazing contact
0	0.0	1	AS-1 - Laminated
354	4.3	2	AS-2 - Tempered
311	3.8	3	AS-3 - Tempered-tinted (original)
51	0.6	4	AS-2 - Tempered-tinted after market tint
3	0.0	5	AS-3 - Tempered-tinted (with additional after market tint)
1	0.0	6	AS-14 - Glass/plastic
0	0.0	7	Glazing removed prior to accident
2	0.0	8	Other
2745	33.7	9	Unknown

Variable 641	WIN PRECRASH STAT - WS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Window glazing pre-crash status - windshield

20Nov03	Prcnt	Code	Value and Description
0	0.0	0	No glazing
5402	66.2	1	Fixed
0	0.0	2	Closed
0	0.0	3	Partially opened
0	0.0	4	Fully opened
1	0.0	7	Glazing removed prior to accident
2751	33.7	9	Unknown

Variable 642	WIN PRECRASH STAT - LF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Window glazing pre-crash status - left front window

20Nov03	Prcnt	Code	Value and Description
1	0.0	0	No glazing
4	0.0	1	Fixed
4253	52.2	2	Closed
405	5.0	3	Partially opened
474	5.8	4	Fully opened
3	0.0	7	Glazing removed prior to accident
3014	37.0	9	Unknown

Variable 643	WIN PRECRASH STAT - RF	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Window glazing pre-crash status - right front window

20Nov03	Prcnt	Code	Value and Description
1	0.0	0	No glazing
4	0.0	1	Fixed
4623	56.7	2	Closed
264	3.2	3	Partially opened
278	3.4	4	Fully opened
3	0.0	7	Glazing removed prior to accident
2981	36.6	9	Unknown

Variable 644	WIN PRECRASH STAT - LR	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Window glazing pre-crash status - left rear window

20Nov03	Prcnt	Code	Value and Description
486	6.0	0	No glazing
1079	13.2	1	Fixed
3481	42.7	2	Closed
154	1.9	3	Partially opened
33	0.4	4	Fully opened
2	0.0	7	Glazing removed prior to accident
2919	35.8	9	Unknown

Variable 645 WIN PRECRASH STAT - RR Width: 1 Type: Numeric
Dec: None Miss: 9

Window glazing pre-crash status - right rear window

20Nov03	Prcnt	Code	Value and Description
463	5.7	0	No glazing
1106	13.6	1	Fixed
3502	42.9	2	Closed
141	1.7	3	Partially opened
32	0.4	4	Fully opened
4	0.0	7	Glazing removed prior to accident
2906	35.6	9	Unknown

Variable 646 WIN PRECRASH STAT - BL Width: 1 Type: Numeric
Dec: None Miss: 9

Window glazing pre-crash status - backlight, TG/H/liftgate window

20Nov03	Prcnt	Code	Value and Description
15	0.2	0	No glazing
4673	57.3	1	Fixed
621	7.6	2	Closed
19	0.2	3	Partially opened
7	0.1	4	Fully opened
6	0.1	7	Glazing removed prior to accident
2813	34.5	9	Unknown

Variable 647 WIN PRECRASH STAT - RO Width: 1 Type: Numeric
Dec: None Miss: 9

Window glazing pre-crash status - roof

20Nov03	Prcnt	Code	Value and Description
4435	54.4	0	No glazing
59	0.7	1	Fixed
782	9.6	2	Closed
50	0.6	3	Partially opened
35	0.4	4	Fully opened
2	0.0	7	Glazing removed prior to accident
2791	34.2	9	Unknown

Variable 648	WIN PRECRASH STAT - OT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Window glazing pre-crash status - other

20Nov03	Prcnt	Code	Value and Description
4687	57.5	0	No glazing
566	6.9	1	Fixed
148	1.8	2	Closed
11	0.1	3	Partially opened
2	0.0	4	Fully opened
0	0.0	7	Glazing removed prior to accident
2740	33.6	9	Unknown

The INTERIOR DAMAGE "B" Variables

Variables 701 through 756 describe interior damage to vehicles involved in the accident. Additional interior damage information is documented in Variables 601 - 648.

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: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03	Prcnt	Code Value and Description	
2725	33.4	0	Filler - No damage record for this vehicle.
5429	66.6	8	Interior Damage "B" record

Variable 704	VERSION NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03	Prcnt	Code Value and Description	
8154	100.0	15	Version 15

Variable 705	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03	Prcnt	Code Value and Description	
4589	56.3	1	Vehicle #1
2925	35.9	2	Vehicle #2
506	6.2	3	Vehicle #3
99	1.2	4	Vehicle #4
25	0.3	5	Vehicle #5
7	0.1	6	Vehicle #6
1	0.0	7	Vehicle #7
1	0.0	8	Vehicle #8
1	0.0	9	Vehicle #9

Variable 706	INTRUSION LOCATION (1)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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929	11.4	11	Front row - left
170	2.1	12	Front row - middle
729	8.9	13	Front row - right
221	2.7	21	Second row - left
68	0.8	22	Second row - middle
187	2.3	23	Second row - right
13	0.2	31	Third row - left
5	0.1	32	Third row - middle
9	0.1	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
2967	36.4	96	No Intrusion
8	0.1	97	Catastrophic
31	0.4	98	Other enclosed area
2817	34.5	99	Unknown/No record

Variable 707	INTRUDING COMPONENT (1)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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Interior components			
33	0.4	1	Steering assembly
81	1.0	2	Instrument panel left
29	0.4	3	Instrument panel center
61	0.7	4	Instrument panel right
376	4.6	5	Toe pan
111	1.4	6	A-pillar (A1/A2)
112	1.4	7	B-pillar
28	0.3	8	C-pillar
9	0.1	9	D-pillar
82	1.0	10	Side panel - forward of A-pillar (A1/A2)
376	4.6	11	Door panel (side)
51	0.6	12	Side panel - rear of B-pillar
166	2.0	13	Roof (or convertible top)
64	0.8	14	Roof side rail
164	2.0	15	Windshield
75	0.9	16	Windshield header
32	0.4	17	Window frame
176	2.2	18	Floor pan (includes sill)
17	0.2	19	Backlight header
85	1.0	20	Front seat back
102	1.3	21	Second seat back
1	0.0	22	Third seat back
0	0.0	23	Fourth seat back
0	0.0	24	Fifth seat back
17	0.2	25	Seat cushion
25	0.3	26	Back door/panel (e.g. tailgate)

Variable 707:INTRUDING COMPONENT (1) (Continued)

20Nov03	Prcnt	Code	Value and Description
38	0.5	27	Other interior component
			Exterior components
6	0.1	30	Hood
4	0.0	31	Outside surface of this vehicle
15	0.2	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
2967	36.4	96	No Intrusion
8	0.1	97	Catastrophic
26	0.3	98	Intrusion of unlisted component(s)
2817	34.5	99	Unknown/No record

Variable 708	INTRUSION MAGNITUDE (1)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Magnitude of intrusion (1)

20Nov03	Prcnt	Code	Value and Description
347	4.3	1	> or = 3 centimeters but < 8 centimeters
493	6.0	2	> or = 8 centimeters but < 15 centimeters
676	8.3	3	> or = 15 centimeters but < 30 centimeters
459	5.6	4	> or = 30 centimeters but < 46 centimeters
209	2.6	5	> or = 46 centimeters but < 61 centimeters
178	2.2	6	> or = 61 centimeters
8	0.1	7	Catastrophic
2967	36.4	8	No Intrusion
2817	34.5	9	Unknown/No record

Variable 709	CRUSH DIRECTION (1)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Dominant crush direction (1)

20Nov03	Prcnt	Code	Value and Description
489	6.0	1	Vertical
991	12.2	2	Longitudinal
882	10.8	3	Lateral
8	0.1	7	Catastrophic
2967	36.4	8	No Intrusion
2817	34.5	9	Unknown/No record

Variable 710	INTRUSION LOCATION (2)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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731	9.0	11	Front row - left
212	2.6	12	Front row - middle
581	7.1	13	Front row - right
179	2.2	21	Second row - left
65	0.8	22	Second row - middle
173	2.1	23	Second row - right
14	0.2	31	Third row - left
6	0.1	32	Third row - middle
9	0.1	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
3430	42.1	96	No Intrusion
0	0.0	97	Catastrophic
17	0.2	98	Other enclosed area
2737	33.6	99	Unknown/No record

Variable 711	INTRUDING COMPONENT (2)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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Interior components			
19	0.2	1	Steering assembly
99	1.2	2	Instrument panel left
43	0.5	3	Instrument panel center
81	1.0	4	Instrument panel right
168	2.1	5	Toe pan
93	1.1	6	A-pillar (A1/A2)
142	1.7	7	B-pillar
24	0.3	8	C-pillar
1	0.0	9	D-pillar
72	0.9	10	Side panel - forward of A-pillar (A1/A2)
236	2.9	11	Door panel (side)
39	0.5	12	Side panel - rear of B-pillar
164	2.0	13	Roof (or convertible top)
81	1.0	14	Roof side rail
142	1.7	15	Windshield
87	1.1	16	Windshield header
44	0.5	17	Window frame
159	1.9	18	Floor pan (includes sill)
19	0.2	19	Backlight header
43	0.5	20	Front seat back
94	1.2	21	Second seat back
1	0.0	22	Third seat back
0	0.0	23	Fourth seat back
0	0.0	24	Fifth seat back
41	0.5	25	Seat cushion
20	0.2	26	Back door/panel (e.g. tailgate)

Variable 711:INTRUDING COMPONENT (2) (Continued)

20Nov03	Prcnt	Code	Value and Description
27	0.3	27	Other interior component
			Exterior components
10	0.1	30	Hood
2	0.0	31	Outside surface of this vehicle
13	0.2	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
3430	42.1	96	No Intrusion
0	0.0	97	Catastrophic
23	0.3	98	Intrusion of unlisted component(s)
2737	33.6	99	Unknown/No record

Variable 712	INTRUSION MAGNITUDE (2)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Magnitude of intrusion (2)

20Nov03	Prcnt	Code	Value and Description
355	4.4	1	> or = 3 centimeters but < 8 centimeters
448	5.5	2	> or = 8 centimeters but < 15 centimeters
608	7.5	3	> or = 15 centimeters but < 30 centimeters
351	4.3	4	> or = 30 centimeters but < 46 centimeters
138	1.7	5	> or = 46 centimeters but < 61 centimeters
87	1.1	6	> or = 61 centimeters
0	0.0	7	Catastrophic
3430	42.1	8	No Intrusion
2737	33.6	9	Unknown/No record

Variable 713	CRUSH DIRECTION (2)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Dominant crush direction (2)

20Nov03	Prcnt	Code	Value and Description
436	5.3	1	Vertical
764	9.4	2	Longitudinal
787	9.7	3	Lateral
0	0.0	7	Catastrophic
3430	42.1	8	No Intrusion
2737	33.6	9	Unknown/No record

Variable 714	INTRUSION LOCATION (3)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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646	7.9	11	Front row - left
165	2.0	12	Front row - middle
507	6.2	13	Front row - right
178	2.2	21	Second row - left
39	0.5	22	Second row - middle
151	1.9	23	Second row - right
8	0.1	31	Third row - left
3	0.0	32	Third row - middle
9	0.1	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
3690	45.3	96	No Intrusion
0	0.0	97	Catastrophic
16	0.2	98	Other enclosed area
2741	33.6	99	Unknown/No record

Variable 715	INTRUDING COMPONENT (3)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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Interior components			
21	0.3	1	Steering assembly
82	1.0	2	Instrument panel left
61	0.7	3	Instrument panel center
59	0.7	4	Instrument panel right
100	1.2	5	Toe pan
112	1.4	6	A-pillar (A1/A2)
132	1.6	7	B-pillar
20	0.2	8	C-pillar
3	0.0	9	D-pillar
39	0.5	10	Side panel - forward of A-pillar (A1/A2)
195	2.4	11	Door panel (side)
26	0.3	12	Side panel - rear of B-pillar
144	1.8	13	Roof (or convertible top)
90	1.1	14	Roof side rail
128	1.6	15	Windshield
77	0.9	16	Windshield header
27	0.3	17	Window frame
140	1.7	18	Floor pan (includes sill)
18	0.2	19	Backlight header
60	0.7	20	Front seat back
74	0.9	21	Second seat back
0	0.0	22	Third seat back
0	0.0	23	Fourth seat back
0	0.0	24	Fifth seat back
37	0.5	25	Seat cushion
15	0.2	26	Back door/panel (e.g. tailgate)

Variable 715:INTRUDING COMPONENT (3) (Continued)

20Nov03	Prcnt	Code	Value and Description
30	0.4	27	Other interior component
			Exterior components
6	0.1	30	Hood
2	0.0	31	Outside surface of this vehicle
7	0.1	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
3690	45.3	96	No Intrusion
0	0.0	97	Catastrophic
18	0.2	98	Intrusion of unlisted component(s)
2741	33.6	99	Unknown/No record

Variable 716	INTRUSION MAGNITUDE (3)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Magnitude of intrusion (3)

20Nov03	Prcnt	Code	Value and Description
338	4.1	1	> or = 3 centimeters but < 8 centimeters
431	5.3	2	> or = 8 centimeters but < 15 centimeters
523	6.4	3	> or = 15 centimeters but < 30 centimeters
277	3.4	4	> or = 30 centimeters but < 46 centimeters
101	1.2	5	> or = 46 centimeters but < 61 centimeters
53	0.6	6	> or = 61 centimeters
0	0.0	7	Catastrophic
3690	45.3	8	No Intrusion
2741	33.6	9	Unknown/No record

Variable 717	CRUSH DIRECTION (3)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Dominant crush direction (3)

20Nov03	Prcnt	Code	Value and Description
413	5.1	1	Vertical
610	7.5	2	Longitudinal
700	8.6	3	Lateral
0	0.0	7	Catastrophic
3690	45.3	8	No Intrusion
2741	33.6	9	Unknown/No record

Variable 718	INTRUSION LOCATION (4)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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523	6.4	11	Front row - left
186	2.3	12	Front row - middle
432	5.3	13	Front row - right
142	1.7	21	Second row - left
39	0.5	22	Second row - middle
134	1.6	23	Second row - right
5	0.1	31	Third row - left
2	0.0	32	Third row - middle
9	0.1	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
3923	48.1	96	No Intrusion
0	0.0	97	Catastrophic
9	0.1	98	Other enclosed area
2750	33.7	99	Unknown/No record

Variable 719	INTRUDING COMPONENT (4)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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Interior components			
20	0.2	1	Steering assembly
55	0.7	2	Instrument panel left
68	0.8	3	Instrument panel center
50	0.6	4	Instrument panel right
67	0.8	5	Toe pan
107	1.3	6	A-pillar (A1/A2)
85	1.0	7	B-pillar
36	0.4	8	C-pillar
2	0.0	9	D-pillar
30	0.4	10	Side panel - forward of A-pillar (A1/A2)
147	1.8	11	Door panel (side)
16	0.2	12	Side panel - rear of B-pillar
144	1.8	13	Roof (or convertible top)
102	1.3	14	Roof side rail
97	1.2	15	Windshield
91	1.1	16	Windshield header
25	0.3	17	Window frame
119	1.5	18	Floor pan (includes sill)
20	0.2	19	Backlight header
61	0.7	20	Front seat back
45	0.6	21	Second seat back
0	0.0	22	Third seat back
0	0.0	23	Fourth seat back
0	0.0	24	Fifth seat back
38	0.5	25	Seat cushion
8	0.1	26	Back door/panel (e.g. tailgate)

Variable 719:INTRUDING COMPONENT (4) (Continued)

20Nov03	Prcnt	Code	Value and Description
30	0.4	27	Other interior component
			Exterior components
2	0.0	30	Hood
1	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
3923	48.1	96	No Intrusion
0	0.0	97	Catastrophic
12	0.1	98	Intrusion of unlisted component(s)
2750	33.7	99	Unknown/No record

Variable 720	INTRUSION MAGNITUDE (4)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Magnitude of intrusion (4)

20Nov03	Prcnt	Code	Value and Description
336	4.1	1	> or = 3 centimeters but < 8 centimeters
394	4.8	2	> or = 8 centimeters but < 15 centimeters
455	5.6	3	> or = 15 centimeters but < 30 centimeters
199	2.4	4	> or = 30 centimeters but < 46 centimeters
70	0.9	5	> or = 46 centimeters but < 61 centimeters
27	0.3	6	> or = 61 centimeters
0	0.0	7	Catastrophic
3923	48.1	8	No Intrusion
2750	33.7	9	Unknown/No record

Variable 721	CRUSH DIRECTION (4)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Dominant crush direction (4)

20Nov03	Prcnt	Code	Value and Description
407	5.0	1	Vertical
478	5.9	2	Longitudinal
596	7.3	3	Lateral
0	0.0	7	Catastrophic
3923	48.1	8	No Intrusion
2750	33.7	9	Unknown/No record

Variable 722	INTRUSION LOCATION (5)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03 Prcnt	Code Value and Description
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419	5.1	11	Front row - left
184	2.3	12	Front row - middle
347	4.3	13	Front row - right
150	1.8	21	Second row - left
34	0.4	22	Second row - middle
130	1.6	23	Second row - right
8	0.1	31	Third row - left
3	0.0	32	Third row - middle
4	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
4125	50.6	96	No Intrusion
0	0.0	97	Catastrophic
6	0.1	98	Other enclosed area
2744	33.7	99	Unknown/No record

Variable 723	INTRUDING COMPONENT (5)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03 Prcnt	Code Value and Description
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		Interior components	
23	0.3	1	Steering assembly
58	0.7	2	Instrument panel left
52	0.6	3	Instrument panel center
38	0.5	4	Instrument panel right
48	0.6	5	Toe pan
78	1.0	6	A-pillar (A1/A2)
75	0.9	7	B-pillar
27	0.3	8	C-pillar
3	0.0	9	D-pillar
22	0.3	10	Side panel - forward of A-pillar (A1/A2)
85	1.0	11	Door panel (side)
19	0.2	12	Side panel - rear of B-pillar
162	2.0	13	Roof (or convertible top)
109	1.3	14	Roof side rail
74	0.9	15	Windshield
92	1.1	16	Windshield header
24	0.3	17	Window frame
106	1.3	18	Floor pan (includes sill)
16	0.2	19	Backlight header
55	0.7	20	Front seat back
38	0.5	21	Second seat back
0	0.0	22	Third seat back
0	0.0	23	Fourth seat back
0	0.0	24	Fifth seat back
46	0.6	25	Seat cushion
6	0.1	26	Back door/panel (e.g. tailgate)

Variable 723:INTRUDING COMPONENT (5) (Continued)

20Nov03	Prcnt	Code	Value and Description
14	0.2	27	Other interior component
			Exterior components
3	0.0	30	Hood
1	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
4125	50.6	96	No Intrusion
0	0.0	97	Catastrophic
8	0.1	98	Intrusion of unlisted component(s)
2744	33.7	99	Unknown/No record

Variable 724	INTRUSION MAGNITUDE (5)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Magnitude of intrusion (5)

20Nov03	Prcnt	Code	Value and Description
317	3.9	1	> or = 3 centimeters but < 8 centimeters
350	4.3	2	> or = 8 centimeters but < 15 centimeters
410	5.0	3	> or = 15 centimeters but < 30 centimeters
138	1.7	4	> or = 30 centimeters but < 46 centimeters
51	0.6	5	> or = 46 centimeters but < 61 centimeters
19	0.2	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4125	50.6	8	No Intrusion
2744	33.7	9	Unknown/No record

Variable 725	CRUSH DIRECTION (5)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Dominant crush direction (5)

20Nov03	Prcnt	Code	Value and Description
406	5.0	1	Vertical
390	4.8	2	Longitudinal
489	6.0	3	Lateral
0	0.0	7	Catastrophic
4125	50.6	8	No Intrusion
2744	33.7	9	Unknown/No record

Variable 726	INTRUSION LOCATION (6)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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350	4.3	11	Front row - left
154	1.9	12	Front row - middle
314	3.9	13	Front row - right
123	1.5	21	Second row - left
36	0.4	22	Second row - middle
116	1.4	23	Second row - right
7	0.1	31	Third row - left
2	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
4301	52.7	96	No Intrusion
0	0.0	97	Catastrophic
3	0.0	98	Other enclosed area
2746	33.7	99	Unknown/No record

Variable 727	INTRUDING COMPONENT (6)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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Interior components			
27	0.3	1	Steering assembly
22	0.3	2	Instrument panel left
28	0.3	3	Instrument panel center
34	0.4	4	Instrument panel right
36	0.4	5	Toe pan
73	0.9	6	A-pillar (A1/A2)
60	0.7	7	B-pillar
27	0.3	8	C-pillar
2	0.0	9	D-pillar
18	0.2	10	Side panel - forward of A-pillar (A1/A2)
70	0.9	11	Door panel (side)
11	0.1	12	Side panel - rear of B-pillar
144	1.8	13	Roof (or convertible top)
111	1.4	14	Roof side rail
72	0.9	15	Windshield
86	1.1	16	Windshield header
27	0.3	17	Window frame
73	0.9	18	Floor pan (includes sill)
13	0.2	19	Backlight header
47	0.6	20	Front seat back
37	0.5	21	Second seat back
0	0.0	22	Third seat back
0	0.0	23	Fourth seat back
0	0.0	24	Fifth seat back
60	0.7	25	Seat cushion
1	0.0	26	Back door/panel (e.g. tailgate)

Variable 727:INTRUDING COMPONENT (6) (Continued)

20Nov03	Prcnt	Code	Value and Description
16	0.2	27	Other interior component
			Exterior components
2	0.0	30	Hood
0	0.0	31	Outside surface of this vehicle
0	0.0	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
4301	52.7	96	No Intrusion
0	0.0	97	Catastrophic
10	0.1	98	Intrusion of unlisted component(s)
2746	33.7	99	Unknown/No record

Variable 728	INTRUSION MAGNITUDE (6)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Magnitude of intrusion (6)

20Nov03	Prcnt	Code	Value and Description
303	3.7	1	> or = 3 centimeters but < 8 centimeters
308	3.8	2	> or = 8 centimeters but < 15 centimeters
342	4.2	3	> or = 15 centimeters but < 30 centimeters
106	1.3	4	> or = 30 centimeters but < 46 centimeters
36	0.4	5	> or = 46 centimeters but < 61 centimeters
12	0.1	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4301	52.7	8	No Intrusion
2746	33.7	9	Unknown/No record

Variable 729	CRUSH DIRECTION (6)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Dominant crush direction (6)

20Nov03	Prcnt	Code	Value and Description
384	4.7	1	Vertical
295	3.6	2	Longitudinal
428	5.2	3	Lateral
0	0.0	7	Catastrophic
4301	52.7	8	No Intrusion
2746	33.7	9	Unknown/No record

Variable 730	INTRUSION LOCATION (7)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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298	3.7	11	Front row - left
132	1.6	12	Front row - middle
262	3.2	13	Front row - right
112	1.4	21	Second row - left
31	0.4	22	Second row - middle
111	1.4	23	Second row - right
5	0.1	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
4456	54.6	96	No Intrusion
0	0.0	97	Catastrophic
3	0.0	98	Other enclosed area
2741	33.6	99	Unknown/No record

Variable 731	INTRUDING COMPONENT (7)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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Interior components			
7	0.1	1	Steering assembly
25	0.3	2	Instrument panel left
29	0.4	3	Instrument panel center
33	0.4	4	Instrument panel right
30	0.4	5	Toe pan
69	0.8	6	A-pillar (A1/A2)
47	0.6	7	B-pillar
30	0.4	8	C-pillar
2	0.0	9	D-pillar
19	0.2	10	Side panel - forward of A-pillar (A1/A2)
37	0.5	11	Door panel (side)
13	0.2	12	Side panel - rear of B-pillar
135	1.7	13	Roof (or convertible top)
98	1.2	14	Roof side rail
67	0.8	15	Windshield
71	0.9	16	Windshield header
17	0.2	17	Window frame
65	0.8	18	Floor pan (includes sill)
16	0.2	19	Backlight header
50	0.6	20	Front seat back
32	0.4	21	Second seat back
0	0.0	22	Third seat back
0	0.0	23	Fourth seat back
0	0.0	24	Fifth seat back
37	0.5	25	Seat cushion
1	0.0	26	Back door/panel (e.g. tailgate)

Variable 731:INTRUDING COMPONENT (7) (Continued)

20Nov03	Prcnt	Code	Value and Description
20	0.2	27	Other interior component
			Exterior components
0	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
4456	54.6	96	No Intrusion
0	0.0	97	Catastrophic
4	0.0	98	Intrusion of unlisted component(s)
2741	33.6	99	Unknown/No record

Variable 732	INTRUSION MAGNITUDE (7)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Magnitude of intrusion (7)

20Nov03	Prcnt	Code	Value and Description
280	3.4	1	> or = 3 centimeters but < 8 centimeters
259	3.2	2	> or = 8 centimeters but < 15 centimeters
300	3.7	3	> or = 15 centimeters but < 30 centimeters
87	1.1	4	> or = 30 centimeters but < 46 centimeters
23	0.3	5	> or = 46 centimeters but < 61 centimeters
8	0.1	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4456	54.6	8	No Intrusion
2741	33.6	9	Unknown/No record

Variable 733	CRUSH DIRECTION (7)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Dominant crush direction (7)

20Nov03	Prcnt	Code	Value and Description
335	4.1	1	Vertical
270	3.3	2	Longitudinal
352	4.3	3	Lateral
0	0.0	7	Catastrophic
4456	54.6	8	No Intrusion
2741	33.6	9	Unknown/No record

Variable 734	INTRUSION LOCATION (8)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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247	3.0	11	Front row - left
119	1.5	12	Front row - middle
242	3.0	13	Front row - right
98	1.2	21	Second row - left
18	0.2	22	Second row - middle
83	1.0	23	Second row - right
2	0.0	31	Third row - left
2	0.0	32	Third row - middle
7	0.1	33	Third row - right
0	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
1	0.0	43	Fourth row - right
4589	56.3	96	No Intrusion
0	0.0	97	Catastrophic
6	0.1	98	Other enclosed area
2740	33.6	99	Unknown/No record

Variable 735	INTRUDING COMPONENT (8)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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Interior components			
12	0.1	1	Steering assembly
24	0.3	2	Instrument panel left
32	0.4	3	Instrument panel center
17	0.2	4	Instrument panel right
24	0.3	5	Toe pan
61	0.7	6	A-pillar (A1/A2)
48	0.6	7	B-pillar
22	0.3	8	C-pillar
5	0.1	9	D-pillar
11	0.1	10	Side panel - forward of A-pillar (A1/A2)
37	0.5	11	Door panel (side)
10	0.1	12	Side panel - rear of B-pillar
101	1.2	13	Roof (or convertible top)
102	1.3	14	Roof side rail
58	0.7	15	Windshield
60	0.7	16	Windshield header
19	0.2	17	Window frame
52	0.6	18	Floor pan (includes sill)
14	0.2	19	Backlight header
31	0.4	20	Front seat back
18	0.2	21	Second seat back
1	0.0	22	Third seat back
0	0.0	23	Fourth seat back
0	0.0	24	Fifth seat back
35	0.4	25	Seat cushion
1	0.0	26	Back door/panel (e.g. tailgate)

Variable 735:INTRUDING COMPONENT (8) (Continued)

20Nov03	Prcnt	Code	Value and Description
19	0.2	27	Other interior component
			Exterior components
0	0.0	30	Hood
0	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
4589	56.3	96	No Intrusion
0	0.0	97	Catastrophic
9	0.1	98	Intrusion of unlisted component(s)
2740	33.6	99	Unknown/No record

Variable 736	INTRUSION MAGNITUDE (8)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Magnitude of intrusion (8)

20Nov03	Prcnt	Code	Value and Description
252	3.1	1	> or = 3 centimeters but < 8 centimeters
247	3.0	2	> or = 8 centimeters but < 15 centimeters
240	2.9	3	> or = 15 centimeters but < 30 centimeters
67	0.8	4	> or = 30 centimeters but < 46 centimeters
15	0.2	5	> or = 46 centimeters but < 61 centimeters
4	0.0	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4589	56.3	8	No Intrusion
2740	33.6	9	Unknown/No record

Variable 737	CRUSH DIRECTION (8)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Dominant crush direction (8)

20Nov03	Prcnt	Code	Value and Description
293	3.6	1	Vertical
215	2.6	2	Longitudinal
317	3.9	3	Lateral
0	0.0	7	Catastrophic
4589	56.3	8	No Intrusion
2740	33.6	9	Unknown/No record

Variable 738	INTRUSION LOCATION (9)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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202	2.5	11	Front row - left
111	1.4	12	Front row - middle
197	2.4	13	Front row - right
81	1.0	21	Second row - left
30	0.4	22	Second row - middle
56	0.7	23	Second row - right
3	0.0	31	Third row - left
1	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
4727	58.0	96	No Intrusion
0	0.0	97	Catastrophic
3	0.0	98	Other enclosed area
2742	33.6	99	Unknown/No record

Variable 739	INTRUDING COMPONENT (9)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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Interior components			
6	0.1	1	Steering assembly
12	0.1	2	Instrument panel left
25	0.3	3	Instrument panel center
15	0.2	4	Instrument panel right
17	0.2	5	Toe pan
44	0.5	6	A-pillar (A1/A2)
37	0.5	7	B-pillar
15	0.2	8	C-pillar
4	0.0	9	D-pillar
15	0.2	10	Side panel - forward of A-pillar (A1/A2)
27	0.3	11	Door panel (side)
4	0.0	12	Side panel - rear of B-pillar
105	1.3	13	Roof (or convertible top)
74	0.9	14	Roof side rail
53	0.6	15	Windshield
58	0.7	16	Windshield header
14	0.2	17	Window frame
44	0.5	18	Floor pan (includes sill)
11	0.1	19	Backlight header
23	0.3	20	Front seat back
19	0.2	21	Second seat back
0	0.0	22	Third seat back
0	0.0	23	Fourth seat back
0	0.0	24	Fifth seat back
37	0.5	25	Seat cushion
2	0.0	26	Back door/panel (e.g. tailgate)

Variable 739:INTRUDING COMPONENT (9) (Continued)

20Nov03	Prcnt	Code	Value and Description
12	0.1	27	Other interior component
			Exterior components
6	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
4727	58.0	96	No Intrusion
0	0.0	97	Catastrophic
4	0.0	98	Intrusion of unlisted component(s)
2742	33.6	99	Unknown/No record

Variable 740	INTRUSION MAGNITUDE (9)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Magnitude of intrusion (9)

20Nov03	Prcnt	Code	Value and Description
216	2.6	1	> or = 3 centimeters but < 8 centimeters
229	2.8	2	> or = 8 centimeters but < 15 centimeters
177	2.2	3	> or = 15 centimeters but < 30 centimeters
52	0.6	4	> or = 30 centimeters but < 46 centimeters
8	0.1	5	> or = 46 centimeters but < 61 centimeters
3	0.0	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4727	58.0	8	No Intrusion
2742	33.6	9	Unknown/No record

Variable 741	CRUSH DIRECTION (9)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Dominant crush direction (9)

20Nov03	Prcnt	Code	Value and Description
264	3.2	1	Vertical
170	2.1	2	Longitudinal
251	3.1	3	Lateral
0	0.0	7	Catastrophic
4727	58.0	8	No Intrusion
2742	33.6	9	Unknown/No record

Variable 742	INTRUSION LOCATION (10)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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178	2.2	11	Front row - left
78	1.0	12	Front row - middle
179	2.2	13	Front row - right
72	0.9	21	Second row - left
19	0.2	22	Second row - middle
45	0.6	23	Second row - right
4	0.0	31	Third row - left
0	0.0	32	Third row - middle
2	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
4828	59.2	96	No Intrusion
0	0.0	97	Catastrophic
3	0.0	98	Other enclosed area
2745	33.7	99	Unknown/No record

Variable 743	INTRUDING COMPONENT (10)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
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Interior components			
3	0.0	1	Steering assembly
21	0.3	2	Instrument panel left
10	0.1	3	Instrument panel center
13	0.2	4	Instrument panel right
17	0.2	5	Toe pan
48	0.6	6	A-pillar (A1/A2)
23	0.3	7	B-pillar
18	0.2	8	C-pillar
3	0.0	9	D-pillar
7	0.1	10	Side panel - forward of A-pillar (A1/A2)
25	0.3	11	Door panel (side)
8	0.1	12	Side panel - rear of B-pillar
87	1.1	13	Roof (or convertible top)
77	0.9	14	Roof side rail
51	0.6	15	Windshield
55	0.7	16	Windshield header
14	0.2	17	Window frame
26	0.3	18	Floor pan (includes sill)
9	0.1	19	Backlight header
18	0.2	20	Front seat back
12	0.1	21	Second seat back
0	0.0	22	Third seat back
0	0.0	23	Fourth seat back
0	0.0	24	Fifth seat back
28	0.3	25	Seat cushion
0	0.0	26	Back door/panel (e.g. tailgate)

Variable 743:INTRUDING COMPONENT (10) (Continued)

20Nov03	Prcnt	Code	Value and Description
4	0.0	27	Other interior component
			Exterior components
1	0.0	30	Hood
0	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
4828	59.2	96	No Intrusion
0	0.0	97	Catastrophic
2	0.0	98	Intrusion of unlisted component(s)
2745	33.7	99	Unknown/No record

Variable 744	INTRUSION MAGNITUDE (10)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Magnitude of intrusion (10)

20Nov03	Prcnt	Code	Value and Description
185	2.3	1	> or = 3 centimeters but < 8 centimeters
223	2.7	2	> or = 8 centimeters but < 15 centimeters
130	1.6	3	> or = 15 centimeters but < 30 centimeters
35	0.4	4	> or = 30 centimeters but < 46 centimeters
8	0.1	5	> or = 46 centimeters but < 61 centimeters
0	0.0	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4828	59.2	8	No Intrusion
2745	33.7	9	Unknown/No record

Variable 745	CRUSH DIRECTION (10)	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Dominant crush direction (10)

20Nov03	Prcnt	Code	Value and Description
223	2.7	1	Vertical
129	1.6	2	Longitudinal
229	2.8	3	Lateral
0	0.0	7	Catastrophic
4828	59.2	8	No Intrusion
2745	33.7	9	Unknown/No record

Variable 746	STEERING COLUMN TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code	Value and Description
1063	13.0	1	Fixed column
4176	51.2	2	Tilt column
5	0.1	3	Telescoping column
39	0.5	4	Tilt and telescoping column
0	0.0	8	Other column type
2871	35.2	9	Unknown/No record

Variable 747	STEERING COLUMN TILT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Tilt steering column adjustment

20Nov03	Prcnt	Code	Value and Description
1068	13.1	0	No tilt steering column
1175	14.4	1	Full up
663	8.1	2	Between full up and center
1665	20.4	3	Center
201	2.5	4	Between center and full down
250	3.1	5	Full down
3132	38.4	9	Unknown/No record

Variable 748	STEERING COLUMN TELESCOP	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Telescoping steering column adjustment

20Nov03	Prcnt	Code	Value and Description
5239	64.3	0	No telescoping steering column
8	0.1	1	Full back
3	0.0	2	Between full back and midpoint
12	0.1	3	Midpoint
5	0.1	4	Between midpoint and full forward
7	0.1	5	Full forward
2880	35.3	9	Unknown/No record

Variable 749	RIM/SPOKE DEFORMATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Steering rim/spoke deformation

20Nov03	Prcnt	Code	Value and Description
4459	54.7	0	No steering rim deformation

Variable 749:RIM/SPOKE DEFORMATION (Continued)

20Nov03	Prcnt	Code	Value and Description
33	0.4	1	- Actual measured deformation to nearest centimeters
68	0.8	15	15 centimeters or more
18	0.2	98	Observed deformation cannot be measured
2991	36.7	99	Unknown/No record

Variable 750	RIM/SPOKE DEF LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Location of steering rim/spoke deformation

20Nov03	Prcnt	Code	Value and Description
4459	54.7	0	No steering rim deformation
Quarter sections			
39	0.5	1	Section A
21	0.3	2	Section B
16	0.2	3	Section C
26	0.3	4	Section D
Half sections			
336	4.1	5	Upper half of rim/spoke
101	1.2	6	Lower half of rim/spoke
61	0.7	7	Left half of rim/spoke
48	0.6	8	Right half of rim/spoke
78	1.0	9	Complete steering wheel collapse
7	0.1	10	Undetermined location
2962	36.3	99	Unknown/No record

Variable 751	ODOMETER READING	Width: 3	Type: Numeric
		Dec: None	Miss: 999

20Nov03	Prcnt	Code	Value and Description
0	0.0	0	No odometer
23	0.3	1	(less than 1,500 kilometers)
11	0.1	2	- Code mileage to nearest 1,000 kilometers
1	0.0	484	
10	0.1	500	499,500 kilometers or more
4125	50.6	999	Unknown/No record

Variable 752	INSTRUMENT PANEL DAMAGE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Instrument panel damage from occupant contact?

20Nov03	Prcnt	Code	Value and Description
3954	48.5	0	No
1155	14.2	1	Yes
3045	37.3	9	Unknown/No record

Variable 753	KNEE BOLSTER TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of knee bolster covering

20Nov03	Prcnt	Code	Value and Description
1219	14.9	0	No knee bolster
295	3.6	1	Padded
3736	45.8	2	Rigid plastic
13	0.2	8	Other (specify)
2891	35.5	9	Unknown/No record

Variable 754	KNEE BOLSTERS DEFORMED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Knee bolsters deformed from occupant contact?

20Nov03	Prcnt	Code	Value and Description
1219	14.9	0	No knee bolster
3209	39.4	1	No deformation
667	8.2	2	Yes - deformation
3059	37.5	9	Unknown

Variable 755	GLOVE COMPART DOOR OPEN	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Did glove compartment door open during collision(s)?

20Nov03	Prcnt	Code	Value and Description
281	3.4	0	No glove compartment door
3841	47.1	1	No - door did not open
985	12.1	2	Yes - door opened
3047	37.4	9	Unknown

Variable 756	ADAPTIVE TECHNOLOGY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Adaptive (Assistive) Driving Equipment

20Nov03 Prcnt Code Value and Description

5375	65.9	0	No adaptive driving equipment
5	0.1	1	Adaptive driving equipment installed

Check all that apply

- Hand controls for braking/accelerating
- Steering control devices (attached to OEM steering wheel)
- Steering knob attached to steering wheel
- Low effort power steering (unit or device)
- Replacement steering wheel (ie reduced diameter)
- Joy-stick steering controls
- Wheelchair tie-downs
- Modifications to seat belts (specify)
- Additional or relocated switches (specify)
- Raised roof
- Wall mounted head rest (used behind wheelchair)
- Other adaptive device (specify)

2774	34.0	9	Unknown
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The OCCUPANT ASSESSMENT Variables

Variables 801 through 879 describe the motor 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: 2 Dec: None	Type: Numeric Miss: None
20Nov03 Prcnt	Code Value and Description		
10435 100.0	9 Occupant assessment record		
Variable 804	VERSION NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None
20Nov03 Prcnt	Code Value and Description		
10435 100.0	15 Version 15		
Variable 805	VEHICLE NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None
20Nov03 Prcnt	Code Value and Description		
6472 62.0	1 Vehicle #1		
3611 34.6	2 Vehicle #2		
308 3.0	3 Vehicle #3		
34 0.3	4 Vehicle #4		
8 0.1	5 Vehicle #5		
2 0.0	6 Vehicle #6		

Variable 806	OCCUPANT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt Code Value and Description

6606	63.3	1	
		-	Occupant number
1	0.0	11	

Variable 807	AGE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03 Prcnt Code Value and Description

67	0.6	0	Up to one year
82	0.8	1	
		-	Age in years
3	0.0	93	
1	0.0	97	97 years or older
168	1.6	99	Unknown

Variable 808	SEX	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt Code Value and Description

5571	53.4	1	Male
4692	45.0	2	Female - not reported pregnant
21	0.2	3	Female - pregnant - 1st trimester (1st-3rd month)
32	0.3	4	Female - pregnant - 2nd trimester (4th-6th month)
26	0.2	5	Female - pregnant - 3rd trimester (7th-9th month)
6	0.1	6	Female - pregnant - term unknown
87	0.8	9	Unknown

Variable 809	HEIGHT	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Occupant height to the nearest centimeter

Conversion: 1 inch = 2.54 centimeters

20Nov03 Prcnt Code Value and Description

1	0.0	36	
		-	Height in centimeters
1	0.0	213	
3	0.0	220	219.5 centimeters or more
1928	18.5	999	Unknown

Variable 810	WEIGHT	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Occupant weight to the nearest kilogram

Conversion: 1 pound = .4536 kilograms

20Nov03	Prcnt	Code	Value and Description
1	0.0	2	- Weight in kilograms
1	0.0	149	
41	0.4	150	149.5 kilograms or more
1896	18.2	999	Unknown

Variable 811	OCCUPANT'S ROLE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code	Value and Description
6602	63.3	1	Driver
3831	36.7	2	Passenger
2	0.0	9	Unknown

Variable 812	OCCUPANT'S SEAT POSITION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
6601	63.3	11	Front seat - left side (driver's side)
28	0.3	12	Front seat - middle
2161	20.7	13	Front seat - right side
6	0.1	14	Front seat - other
9	0.1	15	Front seat - on/in lap of another occupant
554	5.3	21	Second seat - left side
219	2.1	22	Second seat - middle
654	6.3	23	Second seat - right side
36	0.3	24	Second seat - other
9	0.1	25	Second seat - on/in lap of another occupant
34	0.3	31	Third seat - left side
14	0.1	32	Third seat - middle
27	0.3	33	Third seat - right side
6	0.1	34	Third seat - other
0	0.0	35	Third seat - on/in lap of another occupant
1	0.0	41	Fourth seat - left side
0	0.0	42	Fourth seat - middle
0	0.0	43	Fourth seat - right side
1	0.0	44	Fourth seat - other
0	0.0	45	Fourth seat - on/in lap of another occupant
8	0.1	97	In or on unenclosed area
16	0.2	98	Other seat
51	0.5	99	Unknown seating position

Variable 813	OCCUPANT's POSTURE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt	Code Value and Description
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6272	60.1	0	Normal posture
			Abnormal posture
2	0.0	1	Kneeling or standing on seat
16	0.2	2	Lying on or across seat
0	0.0	3	Kneeling, standing or sitting in front of seat
15	0.1	4	Sitting sideways or turned to talk with another occupant or to look out the rear window
0	0.0	5	Sitting on a console
21	0.2	6	Lying back in a reclined seat position
46	0.4	7	Bracing with feet or hands on a surface in front seat
420	4.0	8	Other abnormal posture
3643	34.9	9	Unknown

Variable 814	EJECTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt	Code Value and Description
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9940	95.3	0	No ejection
269	2.6	1	Complete ejection
167	1.6	2	Partial ejection
10	0.1	3	Ejection, unknown degree
49	0.5	9	Unknown

Variable 815	EJECTION AREA	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt	Code Value and Description
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9940	95.3	0	No ejection
33	0.3	1	Windshield
140	1.3	2	Left front
95	0.9	3	Right front
19	0.2	4	Left rear
22	0.2	5	Right rear
28	0.3	6	Rear
28	0.3	7	Roof
8	0.1	8	Other area (e.g., back of pickup, etc.)
122	1.2	9	Unknown

Variable 816 EJECTION MEDIUM Width: 1 Type: Numeric
Dec: None Miss: 9

20Nov03 Prcnt Code Value and Description

9940	95.3	0	No ejection
41	0.4	1	Door/hatch/tailgate
16	0.2	2	Nonfixed roof structure
68	0.7	3	Fixed glazing
235	2.3	4	Nonfixed glazing
3	0.0	5	Integral structure
8	0.1	8	Other medium
124	1.2	9	Unknown

Variable 817 MEDIUM STATUS Width: 1 Type: Numeric
Dec: None Miss: 9

Medium status (immediately prior to impact)

20Nov03 Prcnt Code Value and Description

9940	95.3	0	No ejection
78	0.7	1	Open
279	2.7	2	Closed
3	0.0	3	Integral structure
135	1.3	9	Unknown

Variable 818 ENTRAPMENT Width: 1 Type: Numeric
Dec: None Miss: 9

20Nov03 Prcnt Code Value and Description

8844	84.8	0	Not entrapped/exit not inhibited
309	3.0	1	Entrapped/pinned - mechanically restrained
468	4.5	2	Could not exit vehicle due to jammed doors, fire, etc. (specify)
814	7.8	9	Unknown

Variable 819 OCCUPANT MOBILITY Width: 1 Type: Numeric
Dec: None Miss: 9

20Nov03 Prcnt Code Value and Description

175	1.7	0	Occupant fatal before removed from vehicle
504	4.8	1	Removed from vehicle while unconscious or not oriented to time or place
987	9.5	2	Removed from vehicle due to perceived serious injuries
1246	11.9	3	Exited from vehicle with some assistance
4722	45.3	4	Exited from vehicle under own power
269	2.6	5	Occupant fully ejected

Variable 819:OCCUPANT MOBILITY (Continued)

20Nov03	Prcnt	Code	Value and Description
50	0.5	8	Removed from vehicle for other reasons
2482	23.8	9	Unknown

Variable 820	<u>MANUAL BELT AVAILABILITY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Manual belt system availability

20Nov03	Prcnt	Code	Value and Description
465	4.5	0	Not available
15	0.1	1	Belt removed/destroyed
0	0.0	2	Shoulder belt
823	7.9	3	Lap belt
8185	78.4	4	Lap and shoulder belt
57	0.5	5	Belt available - type unknown
			Integral Belt Partially destroyed
0	0.0	6	Shoulder belt (lap belt destroyed/removed)
1	0.0	7	Lap belt (shoulder belt destroyed/removed)
0	0.0	8	Other belt
889	8.5	9	Unknown

Variable 821	<u>MANUAL BELT USE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Manual belt system use

20Nov03	Prcnt	Code	Value and Description
2576	24.7	0	None used, not available, or belt removed/destroyed
1	0.0	1	Inoperative
3	0.0	2	Shoulder belt
388	3.7	3	Lap belt
5871	56.3	4	Lap and shoulder belt
13	0.1	5	Belt used - type unknown
0	0.0	8	Other belt used
0	0.0	12	Shoulder belt used with child safety seat
55	0.5	13	Lap belt used with child safety seat
179	1.7	14	Lap and shoulder belt used with child safety seat
6	0.1	15	Belt used with child safety seat - type unknown
0	0.0	18	Other belt used with child safety seat
1343	12.9	99	Unknown if belt used

Variable 822 MANUAL BELT PROPER USE Width: 1 Type: Numeric
Dec: None Miss: 9

Proper use of manual belts

20Nov03	Prcnt	Code	Value and Description
2577	24.7	0	None used or not available
5659	54.2	1	Belt used properly
0	0.0	2	Belt used properly with child seat
			Belt used improperly
8	0.1	3	Shoulder belt worn under arm
16	0.2	4	Shoulder belt worn behind back or seat
7	0.1	5	Belt worn around more than one person
153	1.5	6	Lap belt worn on abdomen
0	0.0	7	Lap belt or lap and shoulder belt used improperly with child safety seat
45	0.4	8	Other improper use of manual belt system
1970	18.9	9	Unknown

Variable 823 MANUAL BELT FAILURE Width: 1 Type: Numeric
Dec: None Miss: 9

Manual (active) belt failure mode during accident

20Nov03	Prcnt	Code	Value and Description
2577	24.7	0	No manual belt used or not available
5700	54.6	1	No manual belt failure(s)
7	0.1	2	Torn webbing (stretched webbing not included)
7	0.1	3	Broken buckle or latchplate
2	0.0	4	Upper anchorage separated
0	0.0	5	Other anchorage separated
11	0.1	6	Broken retractor
1	0.0	7	Combination of above
5	0.0	8	Other manual belt failure
2125	20.4	9	Unknown

Variable 824 SHOULDER BELT ANCHOR ADJ Width: 1 Type: Numeric
Dec: None Miss: 9

Manual shoulder belt upper anchorage adjustment

20Nov03	Prcnt	Code	Value and Description
1304	12.5	0	No manual shoulder belt
3764	36.1	1	No upper anchorage adjustment for manual shoulder belt
			Adjustable shoulder belt upper anchorage
1463	14.0	2	In full upright position

Variable 824: SHOULDER BELT ANCHOR ADJ (Continued)

20Nov03	Prcnt	Code	Value and Description
681	6.5	3	In mid position
1396	13.4	4	In full down position
241	2.3	5	Position unknown
1586	15.2	9	Unknown if position has adjustable shoulder belt anchorage

Variable 825	AUTO RESTRAINT AVAILABLE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Automatic (passive) belt system availability / function

20Nov03	Prcnt	Code	Value and Description
9268	88.8	0	Not equipped/not available
470	4.5	1	2 point automatic belts
410	3.9	2	3 point automatic belts
11	0.1	3	Automatic belts - type unknown
			Nonfunctional
1	0.0	4	Automatic belts destroyed or rendered inoperative
275	2.6	9	Unknown

Variable 826	AUTO (PASSIV) SYSTEM USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Automatic (passive) belt system use

20Nov03	Prcnt	Code	Value and Description
9269	88.8	0	Not equipped/not available/destroyed or rendered inoperative
688	6.6	1	Automatic belt in use
168	1.6	2	Automatic belt not in use (manually disconnected, motorized track inoperative)
32	0.3	3	Automatic belt use unknown
278	2.7	9	Unknown

Variable 827	AUTO BELT SYSTEM TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Automatic (passive) belt system type

20Nov03	Prcnt	Code	Value and Description
9268	88.8	0	Not equipped/not available
455	4.4	1	Nonmotorized system

Variable 827:AUTO BELT SYSTEM TYPE (Continued)

20Nov03 Prcnt Code Value and Description

426	4.1	2	Motorized system
286	2.7	9	Unknown

Variable 828 PROPER USE OF AUTO BELT Width: 1 Type: Numeric
Dec: None Miss: 9

Proper use of automatic (passive) belt system

20Nov03 Prcnt Code Value and Description

9437	90.4	0	Not equipped/not available/not used
630	6.0	1	Automatic belt used properly
0	0.0	2	Automatic belt used properly with child seat
			Automatic Belt used improperly
3	0.0	3	Automatic shoulder belt worn under arm
1	0.0	4	Automatic shoulder belt worn behind back
0	0.0	5	Automatic belt worn around more than one person
8	0.1	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
13	0.1	8	Other improper use of automatic belt system
343	3.3	9	Unknown

Variable 829 AUTO BELT FAILURE MODES Width: 1 Type: Numeric
Dec: None Miss: 9

Automatic (passive) belt failure modes during accident

20Nov03 Prcnt Code Value and Description

9437	90.4	0	Not equipped/not available/not in use
622	6.0	1	No automatic belt failure(s)
1	0.0	2	Torn webbing (stretched webbing not included)
2	0.0	3	Broken buckle or latchplate
5	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 automatic belt failure
366	3.5	9	Unknown

<u>Variable 830</u>	<u>PAR RESTRAINT USE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Police reported restraint use

20Nov03	Prcnt	Code	Value and Description
1561	15.0	0	None used
624	6.0	1	Police did not indicate restraint use
64	0.6	2	Shoulder belt
202	1.9	3	Lap belt
5510	52.8	4	Lap and shoulder belt
1416	13.6	5	Belt used, type not specified
262	2.5	6	Child safety seat
9	0.1	7	Other or automatic restraint
10	0.1	8	Restrained, type unknown
777	7.4	9	Police indicated "unknown"

<u>Variable 831</u>	<u>AIR BAG AVAIL/FUN POLICE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Police reported air bag availability/function

20Nov03	Prcnt	Code	Value and Description
2351	22.5	0	No air bag available
3093	29.6	1	Police did not indicate air bag availability/function
2585	24.8	2	Deployed
1799	17.2	3	Not deployed
30	0.3	4	Unknown if deployed
577	5.5	9	Police indicated "unknown"

<u>Variable 832</u>	<u>AIR BAG AVAIL/FUNCTION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Air bag system available/function

20Nov03	Prcnt	Code	Value and Description
4186	40.1	0	Not equipped/not available
5589	53.6	1	Air bag
			Nonfunctional
14	0.1	2	Air bag disconnected
8	0.1	3	Air bag not reinstalled
638	6.1	9	Unknown

Variable 833	AIR BAG DEPLOYMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Air bag system deployment

20Nov03	Prcnt	Code	Value and Description
4208	40.3	0	Not equipped/not available
2834	27.2	1	Air bag deployed during accident (as a result of impact)
0	0.0	2	Air bag deployed inadvertently just prior to accident
83	0.8	3	Air bag deployed, detail unknown
2	0.0	4	Air bag deployed as a result of a noncollision event during acc sequence (e.g. fire, explosion, electrical)
110	1.1	5	Unknown if deployed
2560	24.5	7	Nondeployed
638	6.1	9	Unknown

Variable 834	AB AVAIL/OTHER	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Oth than first seat frontal air bag availability/function

20Nov03	Prcnt	Code	Value and Description
9603	92.0	0	Not equipped/not available
666	6.4	1	Air bag
			Nonfunctional
0	0.0	2	Air bag disconnected (specify)
0	0.0	3	Air bag not reinstalled
166	1.6	9	Unknown

Variable 835	AIR BAG DEPLOY/OTHER	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Air bag(s) deployment, other than first seat frontal

20Nov03	Prcnt	Code	Value and Description
9603	92.0	0	Not equipped with an "other" air bag
77	0.7	1	Air bag deployed during accident (as a result of impact)
0	0.0	2	Air bag deployed inadvertently just prior to accident
1	0.0	3	Air bag deployed, detail unknown
0	0.0	4	Air bag deployed as a result of a noncollision event during acc sequence (e.g. fire, explosion, electrical)
24	0.2	5	Unknown if deployed
564	5.4	7	Nondeployed
166	1.6	9	Unknown

Variable 836	AIR BAG SYSTEM FAILURE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Are there indications of Air Bag system failure?

20Nov03	Prcnt	Code	Value and Description
4198	40.2	0	Not equipped/not available
4771	45.7	1	No
33	0.3	2	Yes
1433	13.7	9	Unknown

Variable 837	AB DEPLOY/PREVIOUS ACC	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Had vehicle been in previous accidents?

20Nov03	Prcnt	Code	Value and Description
4208	40.3	0	Not equipped/not available
1820	17.4	1	No previous accidents
			Yes
135	1.3	2	Previous accident(s) without deployment(s)
24	0.2	3	One previous accident with deployment
1	0.0	4	More than one previous accident with at least one deployment
13	0.1	8	Previous accidents, unknown deployment
4234	40.6	9	Unknown

Variable 838	AIR BAG TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code	Value and Description
4208	40.3	0	Not equipped/not available
3650	35.0	1	Original manufacturer installed system
1	0.0	2	Retrofitted air bag
43	0.4	3	Replacement air bag
1895	18.2	8	Unknown type of air bag
638	6.1	9	Unknown

Variable 839 AIR BAG MAINTENANCE Width: 1 Type: Numeric
Dec: None Miss: 9

Had any prior maintenance/service been performed on this air bag system?

20Nov03 Prcnt Code Value and Description

4208	40.3	0	Not equipped/not available
1923	18.4	1	No prior maintenance
16	0.2	2	Yes prior maintenance (specify)
4288	41.1	9	Unknown

Variable 840 AIR BAG EVENT NUMBER Width: 2 Type: Numeric
Dec: None Miss: 99

Air bag deployment accident event sequence number

20Nov03 Prcnt Code Value and Description

4208	40.3	0	Not equipped/not available
2321	22.2	1	Event number 1
251	2.4	2	Event number 2
71	0.7	3	Event number 3
34	0.3	4	Event number 4
14	0.1	5	Event number 5
1	0.0	6	Event number 6
4	0.0	7	Event number 7
3	0.0	8	Event number 8
220	2.1	96	Deployed, unknown event
2560	24.5	97	Not deployed
110	1.1	98	Unknown if deployed
638	6.1	99	Unknown

Variable 841 CDC OF AIR BAG DEPLOY Width: 1 Type: Numeric
Dec: None Miss: 9

CDC for air bag deployment impact

20Nov03 Prcnt Code Value and Description

4208	40.3	0	Not equipped/not available
2577	24.7	1	Highest delta V
115	1.1	2	Second highest delta V
7	0.1	3	Other noncoded delta-V (specify)
220	2.1	6	Deployed, unknown event
2560	24.5	7	Not deployed
110	1.1	8	Unknown if deployed
638	6.1	9	Unknown

Variable 842	AB ASSOC LONG DELTA V	Width: 4	Type: Numeric
		Dec: None	Miss: 999

Longitudinal component of Delta V for air bag deployment impact
Note: value range -160kmph to +160kmph

20Nov03	Prcnt	Code	Value and Description
		-160	< or = -159.5 kmph
		0	Not equipped/not available
		-	Code the value of the delta V for the impact that initiated the air bag deployment
		160	> or = 159.5 kmph
		996	Deployment, unknown longitudinal delta V
		997	Not deployed
		998	Unknown if deployed
		999	Unknown

Variable 843	AB FLAPS OPEN CORRECTLY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Did air bag module cover flap(s) open at designated tear points?

20Nov03	Prcnt	Code	Value and Description
4208	40.3	0	Not equipped/not available
3	0.0	1	No
2572	24.6	2	Yes
344	3.3	3	Deployed, unknown if flap(s) opened at designated tear points
2560	24.5	7	Not deployed
110	1.1	8	Unknown if deployed
638	6.1	9	Unknown

Variable 844	AB FLAPS DAMAGED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Were air bag module cover flap(s) damaged?

20Nov03	Prcnt	Code	Value and Description
4208	40.3	0	Not equipped/not available
2539	24.3	1	No
35	0.3	2	Yes (specify)
345	3.3	3	Deployed, unknown if air bag module cover flap(s) damaged
2560	24.5	7	Not deployed
110	1.1	8	Unknown if deployed
638	6.1	9	Unknown

Variable 845	AB DAMAGED	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Was there damage to the air bag?

20Nov03	Prcnt	Code	Value and Description
4208	40.3	0	Not equipped/not available
2455	23.5	1	Not damaged
			Yes - air bag damaged
1	0.0	2	Ruptured
27	0.3	3	Cut
28	0.3	4	Torn
15	0.1	5	Holed
14	0.1	6	Burned
7	0.1	7	Abraded
3	0.0	88	Other damage (specify)
1	0.0	95	Damaged, details unknown
368	3.5	96	Deployed, unknown if damaged
2560	24.5	97	Not deployed
110	1.1	98	Unknown if deployed
638	6.1	99	Unknown

Variable 846	AB DAMAGE SOURCE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Source of air bag damage

20Nov03	Prcnt	Code	Value and Description
4208	40.3	0	Not equipped/not available
2455	23.5	1	Not damaged
			Yes - damaged
0	0.0	2	Object worn by occupant
0	0.0	3	Object carried by occupant
0	0.0	4	Adaptive/assistive controls (specify)
10	0.1	5	Fire in vehicle
6	0.1	6	Thermal burns
7	0.1	7	Rescue or emergency efforts
48	0.5	88	Other damage source (specify)
25	0.2	95	Damaged, unknown source
368	3.5	96	Deployed, unknown if damaged
2560	24.5	97	Not deployed

Variable 846:AB DAMAGE SOURCE (Continued)

20Nov03 Prcnt Code Value and Description

110	1.1	98	Unknown if deployed
638	6.1	99	Unknown

Variable 847	AB TETHERED	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Was the air bag tethered?

20Nov03 Prcnt Code Value and Description

4208	40.3	0	Not equipped/not available
817	7.8	1	No
1690	16.2	2	Yes (specify number of tether straps)
412	3.9	3	Deployed, unknown if tethered
2560	24.5	7	Not deployed
110	1.1	8	Unknown if deployed
638	6.1	9	Unknown

Variable 848	AIR BAG VENT PORTS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Did air bag have vent ports?

20Nov03 Prcnt Code Value and Description

4208	40.3	0	Not equipped/not available
409	3.9	1	No
2109	20.2	2	Yes (specify the number of vent ports)
401	3.8	3	Deployed, unknown if vent ports present
2560	24.5	7	Not deployed
110	1.1	8	Unknown if deployed
638	6.1	9	Unknown

Variable 849	AB CONTACTED BY OTHER OC	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Was air bag in this occupant's position contacted by another occupant?

20Nov03 Prcnt Code Value and Description

4208	40.3	0	Not equipped/not available
2743	26.3	1	No
5	0.0	2	Yes (specify)
171	1.6	3	Deployed, unknown if other occupant contact to air bag
2560	24.5	7	Not deployed

Variable 849:AB CONTACTED BY OTHER OC (Continued)

20Nov03 Prcnt Code Value and Description

110	1.1	8	Unknown if deployed
638	6.1	9	Unknown

Variable 850	EYEWEAR WORN	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Was this occupant wearing eyewear?

20Nov03 Prcnt Code Value and Description

4208	40.3	0	Not air bag equipped/not available
1399	13.4	1	No
560	5.4	2	Eyeglasses/sunglasses
186	1.8	3	Contact lenses
774	7.4	4	Deployed, unknown if eyewear worn
2560	24.5	7	Not deployed
110	1.1	8	Unknown if deployed
638	6.1	9	Unknown

Variable 851	HEAD RESTRAINT TYPE/DAM	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Head restraint type/damage by occupant at this position

20Nov03 Prcnt Code Value and Description

962	9.2	0	No head restraints
1848	17.7	1	Integral - no damage
30	0.3	2	Integral - damaged during accident
5548	53.2	3	Adjustable - no damage
139	1.3	4	Adjustable - damaged during accident
1	0.0	5	Add-on - no damage
0	0.0	6	Add-on - damaged during accident
5	0.0	8	Other
1902	18.2	9	Unknown

Variable 852	SEAT TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Seat Type (this Occupant's Position)

20Nov03 Prcnt Code Value and Description

59	0.6	0	Occupant not seated or no seat
3981	38.2	1	Bucket
1543	14.8	2	Bucket with folding back

Variable 852:SEAT TYPE (Continued)

20Nov03	Prcnt	Code	Value and Description
637	6.1	3	Bench
140	1.3	4	Bench with separate back cushions
601	5.8	5	Bench with folding back(s)
698	6.7	6	Split bench with separate back cushions
430	4.1	7	Split bench with folding back(s)
10	0.1	8	Pedestal (i.e., column supported)
385	3.7	9	Box mounted seat (i.e., van type)
22	0.2	10	Other seat type
1929	18.5	99	Unknown

Variable 853	SEAT ORIENTATION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Seat Orientation (this Occupant's Position)

20Nov03	Prcnt	Code	Value and Description
59	0.6	0	Occupant not seated or no seat
8427	80.8	1	Forward facing seat
1	0.0	2	Rear facing seat
8	0.1	3	Side facing seat (inward)
0	0.0	4	Side facing seat (outward)
0	0.0	8	Other
1940	18.6	9	Unknown

Variable 854	SEAT TRACK	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Seat track adjusted position prior to impact

20Nov03	Prcnt	Code	Value and Description
59	0.6	0	Occupant not seated or no seat
1289	12.4	1	Nonadjustable seat track
			Adjustable seat track
353	3.4	2	Seat at forward most track position
868	8.3	3	Seat between forward most track and middle track position
1828	17.5	4	Seat at middle track position
1753	16.8	5	Seat between middle and rear most track position
1917	18.4	6	Seat at rear most track position
2368	22.7	9	Unknown

Variable 855	SEAT BACK INCLINE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Seat back incline prior and post impact

20Nov03	Prcnt	Code	Value and Description
59	0.6	0	Occupant not seated or no seat
1613	15.5	1	Nonadjustable
Upright prior to impact			
29	0.3	11	Moved to completely rearward position
30	0.3	12	Moved to rearward midrange position
42	0.4	13	Moved to slightly rearward position
1740	16.7	14	Retained pre-impact position
42	0.4	15	Moved to slightly forward position
14	0.1	16	Moved to forward midrange position
5	0.0	17	Moved to completely forward position
Slightly reclined prior to impact			
86	0.8	21	Moved to completely rearward position
220	2.1	22	Moved to rearward midrange position
4119	39.5	23	Retained pre-impact position
40	0.4	24	Moved to upright position
46	0.4	25	Moved to slightly forward position
13	0.1	26	Moved to forward midrange position
9	0.1	27	Moved to completely forward position
Completely reclined prior to impact			
23	0.2	31	Retained pre-impact position
1	0.0	32	Moved to rearward midrange position
1	0.0	33	Moved to slightly rearward position
0	0.0	34	Moved to upright position
0	0.0	35	Moved to slightly forward position
0	0.0	36	Moved to forward midrange position
0	0.0	37	Moved to completely forward position
2303	22.1	99	Unknown

Variable 856	SEAT PERFORMANCE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Seat Performance (this Occupant's Position)

20Nov03	Prcnt	Code	Value and Description
59	0.6	0	Occupant not seated or no seat
7127	68.3	1	No seat performance failure(s)
4	0.0	2	Seat adjusters failed
68	0.7	3	Seat back folding locks or "seat back" failed
42	0.4	4	Seat track/anchors failed
352	3.4	5	Deformed by occupant impact
499	4.8	6	Deformed by passenger compartment intrusion
35	0.3	7	Combination of above

Variable 856:SEAT PERFORMANCE (Continued)

20Nov03 Prcnt Code Value and Description

44	0.4	8	Other
2205	21.1	9	Unknown

Variable 857	CHILD SEAT MAKE/MODEL	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Child Safety Seat Make/Model

20Nov03 Prcnt Code Value and Description

10156	97.3	0	No child safety seat
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Infant Safety Seats

Toddler/Convertible Seats

1	0.0	206	Century 2000 STE
5	0.0	207	Century 3000 STE, 3500 STE
1	0.0	241	Wee Care 600 Series

Booster Safety Seats

Special Need Safety Seats

Harnesses

Attributes added in 2001, 2002:

3	0.0	510	Medallion - Make: Evenflo
6	0.1	516	Breverra Ascend - Make: Century Products
2	0.0	517	Breverra Metro - Make: Century Products
1	0.0	524	Horizon I - Make: Evenflo
1	0.0	527	Medallion V - Make: Evenflo
2	0.0	533	Smart Move XT - Make: Century Products
2	0.0	534	Accel - Make: Century Products
3	0.0	545	Express - Make: Evenflo
8	0.1	550	High Backed Booster - Make: Cosco
4	0.0	551	Alpha Omega - Make: Cosco
2	0.0	552	Arriva - Make: Cosco
1	0.0	554	Commuter - Make: Cosco
2	0.0	555	9100, 9101 - Make: Fisher-Price
1	0.0	562	Celestia - Make: Century/Graco
1	0.0	569	Infant 580, 590 - Make: Century Products
5	0.0	581	Touriva - Make: Cosco
1	0.0	582	Triad - Make: Cosco
1	0.0	585	Voyager - Make: Cosco
1	0.0	586	Ventura/Vision - Make: Cosco:
3	0.0	587	Safe Embrace - Make: Fisher-Price
1	0.0	590	T-Shield Booster - Make: Fisher-Price
1	0.0	593	Smart Fit - Make: Century Products
1	0.0	594	Ovation - Make: Century Products
1	0.0	596	Bravo - Make: Century Products

Variable 857:CHILD SEAT MAKE/MODEL (Continued)

20Nov03	Prcnt	Code	Value and Description
4	0.0	599	Breverra - Make: Century Products
1	0.0	600	Breverra Contour - Make: Century Products
1	0.0	608	Trooper - Make: Evenflo
1	0.0	609	Two-in-One - Make: Evenflo
2	0.0	610	Ultara I - Make: Evenflo
1	0.0	612	Ultara Premier - Make: Evenflo
1	0.0	614	Ultara V - Make: Evenflo
1	0.0	625	Smart Fit Plus, Elite - Make: Century Products
2	0.0	626	Champion - Make: Evenflo
2	0.0	628	Conquest V - Make: Evenflo
5	0.0	629	Discovery - Make: Evenflo
1	0.0	635	1500 STE - Make: Century Products
1	0.0	636	Galaxy 2000 - Make: Basic Comfort
3	0.0	637	Roundabout - Make: Britax
1	0.0	649	On My Way - Make: Evenflo
1	0.0	654	On My Way, Position Right - Make: Evenflo
1	0.0	656	Right Fit - Make: Evenflo
1	0.0	657	Scout - Make: Evenflo
4	0.0	668	Eddie Bauer 02-849, 02-880 - Make: Cosco
2	0.0	669	Eddie Bauer 02-870 - Make: Cosco
1	0.0	672	Explorer - Make: Cosco
7	0.1	674	Grand Explorer - Make: Cosco
1	0.0	675	Infant Car Seat - Make: Cosco
2	0.0	681	Smart Move - Make: Century Products
1	0.0	693	Town & Country SX, LX Integrated Seat - Make: Chrysler
1	0.0	703	2000 - Make: Columbia Medical
3	0.0	718	Eddie Bauer 02-537 - Make: Cosco
3	0.0	725	Complete Voyager - Make: Cosco
7	0.1	735	Infant Seat/Carrier - Make: Graco
2	0.0	749	Snug Ride - Make: Graco
2	0.0	750	Snug Ride DX5 - Make: Graco
2	0.0	762	Double Guard - Make: Gerry
6	0.1	774	Breverra Classic - Make: Century Products
1	0.0	776	Next Step - Make: Century Products
1	0.0	779	Guard with Glide - Make: Gerry
3	0.0	784	One Click - Make: Gerry
1	0.0	792	Breverra Transit - Make: Century Products
2	0.0	793	Titan - Make: Evenflo
1	0.0	794	Cozy Carry - Make: Evenflo
2	0.0	795	ComfortSport - Make: Graco
1	0.0	796	Primo Viaggio - Make: Peg Perego
1	0.0	798	Chase Comfort Touch - Make: Evenflo
1	0.0	801	Safe-T-Rider - Make: Century Products
2	0.0	838	Tot Rider Quick Step - Make: Kolcraft
0	0.0	950	Built-in child safety seat
4	0.0	997	Other make/model
124	1.2	998	Unknown make/model
0	0.0	999	Unknown if child safety seat used

Variable 858	CHILD SEAT TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of child safety seat

20Nov03	Prcnt	Code	Value and Description
10156	97.3	0	No child safety seat
32	0.3	1	Infant seat
40	0.4	2	Toddler seat
76	0.7	3	Convertible seat
28	0.3	4	Booster seat - with shield
0	0.0	5	Booster seat - without shield
2	0.0	7	Other type child safety seat
101	1.0	8	Unknown child safety seat type
0	0.0	9	Unknown if child safety seat used

Variable 859	CHILD SEAT ORIENTATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Child safety seat orientation

20Nov03	Prcnt	Code	Value and Description
10156	97.3	0	No child safety seat
			Designed for rear facing for this age/weight
41	0.4	1	Rear facing
68	0.7	2	Forward facing
0	0.0	8	Other orientation
1	0.0	9	Unknown orientation
			Designed for forward facing for this age/weight
0	0.0	11	Rear facing
67	0.6	12	Forward facing
0	0.0	18	Other orientation
1	0.0	19	Unknown orientation
			Unknown design or orientation, or unknown age/weight
7	0.1	21	Rear facing
30	0.3	22	Forward facing
0	0.0	28	Other orientation
64	0.6	29	Unknown orientation
0	0.0	99	Unknown if child safety seat used

Variable 860	CHILD SEAT HARNESS USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Child safety seat harness usage

20Nov03	Prcnt	Code	Value and Description
10156	97.3	0	No child safety seat
			Not designed with harness
19	0.2	1	After market harness added, not used
0	0.0	2	After market harness used
11	0.1	3	Child safety seat used, but no after market harness added
1	0.0	9	Unknown if harness added or used
			Designed with harness
8	0.1	11	Harness not used
156	1.5	12	Harness used
0	0.0	19	Unknown if harness used
			Unknown if designed with harness
1	0.0	21	Harness not used
4	0.0	22	Harness used
79	0.8	29	Unknown if harness used
0	0.0	99	Unknown if child safety seat used

Variable 861	CHILD SEAT SHIELD USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Child safety seat shield usage

20Nov03	Prcnt	Code	Value and Description
10156	97.3	0	No child safety seat
			Not designed with shield
19	0.2	1	After market shield added, not used
1	0.0	2	After market shield used
163	1.6	3	Child safety seat used, but no after market shield added
0	0.0	9	Unknown if shield added or used
			Designed with shield
1	0.0	11	Shield not used
10	0.1	12	Shield used
1	0.0	19	Unknown if shield used
			Unknown if designed with shield
5	0.0	21	Shield not used
0	0.0	22	Shield used
79	0.8	29	Unknown if shield used
0	0.0	99	Unknown if child safety seat used

Variable 862	CHILD SEAT TETHER USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Child safety seat tether usage

20Nov03	Prcnt	Code	Value and Description
10156	97.3	0	No child safety seat
			Not designed with tether
0	0.0	1	After market tether added, not used
0	0.0	2	After market tether used
117	1.1	3	Child safety seat used, but no after market tether added
3	0.0	9	Unknown if tether added or used
			Designed with tether
30	0.3	11	Tether not used
12	0.1	12	Tether used
3	0.0	19	Unknown if tether used
			Unknown if designed with tether
21	0.2	21	Tether not used
1	0.0	22	Tether used
92	0.9	29	Unknown if tether used
0	0.0	99	Unknown if child safety seat used

Variable 863	INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code	Value and Description
3149	30.2	0	O - No injury
2119	20.3	1	C - possible injury
1658	15.9	2	B - nonincapacitating injury
2812	26.9	3	A - incapacitating injury
419	4.0	4	K - fatal injury
104	1.0	5	U - Injured - severity unknown
0	0.0	6	Died prior to accident
174	1.7	9	Unknown if injured

Variable 864	TREATMENT/MORTALITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code	Value and Description
3399	32.6	0	No treatment
433	4.1	1	Fatal
15	0.1	2	Fatal - ruled disease

Variable 864:TREATMENT/MORTALITY (Continued)

20Nov03	Prcnt	Code	Value and Description
			Nonfatal
1954	18.7	3	Hospitalized
3644	34.9	4	Transported and released
112	1.1	5	Treatment at scene - nontransported
383	3.7	6	Treatment later
1	0.0	7	Treatment - other
292	2.8	8	Transported to a medical facility - unknown if treated
202	1.9	9	Unknown

Variable 865 TYPE OF MEDICAL FACILITY Width: 1 Type: Numeric
Dec: None Miss: 9

20Nov03	Prcnt	Code	Value and Description
3804	36.5	0	Not treated at a medical facility
3756	36.0	1	Trauma center
2265	21.7	2	Hospital
7	0.1	3	Medical clinic
1	0.0	4	Physician's office
383	3.7	5	Treatment later at medical facility
0	0.0	8	Other
219	2.1	9	Unknown

Variable 866 HOSPITAL STAY Width: 2 Type: Numeric
Dec: None Miss: 99

20Nov03	Prcnt	Code	Value and Description
7930	76.0	0	Not hospitalized
524	5.0	1	- Actual number of days that the occupant stayed in hospital
1	0.0	60	
6	0.1	61	61 days or more
639	6.1	99	Unknown

Variable 867 WORKING DAYS LOST Width: 2 Type: Numeric
Dec: None Miss: 99

20Nov03	Prcnt	Code	Value and Description
2127	20.4	0	No working days lost
359	3.4	1	- Actual number of days that the occupant lost from work due to the accident
16	0.2	60	

Variable 867:WORKING DAYS LOST (Continued)

20Nov03	Prcnt	Code	Value and Description
12	0.1	61	61 days or more
448	4.3	62	Fatally injured
3092	29.6	97	Not working prior to accident
3017	28.9	99	Unknown

Variable 868	TIME TO DEATH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

20Nov03	Prcnt	Code	Value and Description
9987	95.7	0	Not fatal
			Time in Hours
156	1.5	1	Less than 1 and 1/2 hours from the time of the accident
14	0.1	2	- Actual time to nearest hour
3	0.0	20	
4	0.0	24	From 23 1/2 to 24 hours after the accident
			Time in Days
7	0.1	31	- Actual time to nearest day (one day=31, 2 days=32, etc.)
1	0.0	43	
0	0.0	60	From 29 1/2 to 30 days after the accident
15	0.1	96	Fatal - ruled disease
151	1.4	99	Unknown

Variable 869	CAUSE OF DEATH-1-MED REP	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Injury number of medically reported cause of death (1)

20Nov03	Prcnt	Code	Value and Description
9987	95.7	0	Not fatal or no additional causes
130	1.2	1	- Injury number
1	0.0	30	
5	0.0	96	Mode of death given but specific injuries are not linked to cause of death
15	0.1	97	Other result (includes fatal ruled disease)
140	1.3	99	Unknown

Variable 870 CAUSE OF DEATH-2-MED REP Width: 2 Type: Numeric
 Dec: None Miss: 99

Injury number of medically reported cause of death (2)

20Nov03	Prcnt	Code	Value and Description
10208	97.8	0	Not fatal or no additional causes
12	0.1	1	- Injury number
1	0.0	33	

Variable 871 CAUSE OF DEATH-3-MED REP Width: 2 Type: Numeric
 Dec: None Miss: 99

Injury number of medically reported cause of death (3)

20Nov03	Prcnt	Code	Value and Description
10248	98.2	0	Not fatal or no additional causes
6	0.1	1	- Injury number
1	0.0	38	

Variable 872 NUM RECORDED INJURIES Width: 2 Type: Numeric
 Dec: None Miss: 99

Number of recorded injuries

20Nov03	Prcnt	Code	Value and Description
3106	29.8	0	No recorded injuries
1470	14.1	1	- Actual number of injuries recorded for this occupant
1	0.0	59	
855	8.2	97	Injured, details unknown
101	1.0	99	Unknown if injured

Variable 873 GLASGOW COMA SCALE SCORE Width: 2 Type: Numeric
 Dec: None Miss: 99

Glasgow Coma Scale (GCS) Score

20Nov03	Prcnt	Code	Value and Description
3106	29.8	0	Not injured
946	9.1	1	Injured - not treated at medical facility
1893	18.1	2	No GCS score at medical facility
71	0.7	3	

Variable 873:GLASGOW COMA SCALE SCORE (Continued)

20Nov03	Prcnt	Code Value and Description	
		-	Actual value of the initial GCS score recorded at medical facility
3183	30.5	15	
855	8.2	97	Injured, details unknown
101	1.0	99	Unknown if injured

Variable 874	WAS OCCUPANT GIVEN BLOOD	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03	Prcnt	Code Value and Description	
8834	84.7	1	No - blood not given
151	1.4	2	Yes - Blood given (specify units)
1450	13.9	9	Unknown if blood given

Variable 875	ARTERIAL BLOOD GASES	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Arterial blood gases (ABG) - HCO3

20Nov03	Prcnt	Code Value and Description	
3106	29.8	0	Not injured
5943	57.0	1	Injured - ABGs not measured or reported
1	0.0	10	- Actual value of HCO3
1	0.0	37	
25	0.2	96	ABGs reported, HCO3 unknown
855	8.2	97	Injured, details unknown
101	1.0	99	Unknown if injured

Variable 876	BELT USE DETERMINATION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Primary source of belt use determination

20Nov03	Prcnt	Code Value and Description	
116	1.1	0	Not equipped/not available/destroyed or rendered inoperative
7990	76.6	1	Vehicle inspection
56	0.5	2	Official injury data
1083	10.4	3	Driver/occupant interview
34	0.3	8	Other
1156	11.1	9	Unknown if belt used

Variable 877 MAXIMUM KNOWN AIS Width: 1 Type: Numeric
 Dec: None Miss: 9

20Nov03 Prcnt Code Value and Description

3106	29.8	0	Not injured
4067	39.0	1	Minor injury
1001	9.6	2	Moderate injury
721	6.9	3	Serious injury
273	2.6	4	Severe injury
208	2.0	5	Critical injury
76	0.7	6	Maximum (untreatable) injury
882	8.5	7	Injury, unknown severity
101	1.0	9	Unknown if injured

Variable 878 INJURY SEVERITY SCORE Width: 2 Type: Numeric
 Dec: None Miss: 99

Injury Severity Score (ISS)

20Nov03 Prcnt Code Value and Description

4089	39.2	0	Not injured
2850	27.3	1	ISS 1
		-	
76	0.7	75	Maximum ISS
0	0.0	99	Unknown ISS

Variable 879 REDESIGN AIR BAG CLASS Width: 1 Type: Numeric
 Dec: None Miss: 9

20Nov03 Prcnt Code Value and Description

10435	100.0	9	Variable dropped in 2000
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The OCCUPANT INJURY Variables

Variables 901 through 921 describe the injuries received by
 vehicle occupants involved in the accident.

Variable 901	PSU NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

Variable 902	CASE NUMBER	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

Variable 903	RECORD NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt	Code Value and Description		
28802 100.0	10	Occupant injury record	

Variable 904	VERSION NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt	Code Value and Description		
28802 100.0	15	Version 15	

Variable 905	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt	Code Value and Description		
20025 69.5	1	Vehicle #1	
8164 28.3	2	Vehicle #2	
505 1.8	3	Vehicle #3	
99 0.3	4	Vehicle #4	
9 0.0	5	Vehicle #5	

NASS Crashworthiness Data System (CDS)
2002 - Occupant Injury

Variable 906	<u>OCCUPANT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt Code Value and Description

19681	68.3	1	-
			Occupant number
6	0.0	8	

Variable 907	<u>INJURY NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt Code Value and Description

6373	22.1	1	-
			Injury number
1	0.0	59	

Variable 908	<u>INJURY DATA SOURCE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt Code Value and Description

Official Sources			
3667	12.7	1	Autopsy records with or without hospital/medical records
6997	24.3	2	Hospital/medical records other than emergency room (e.g., discharge summary)
11429	39.7	3	Emergency room records only (including associated x-rays or other lab reports)
15	0.1	4	Private physician - walk-in or emergency clinic
Unofficial Sources			
52	0.2	5	Lay coroner report
169	0.6	6	E.M.S. personnel
6324	22.0	7	Interviewee
1	0.0	8	Other source
148	0.5	9	Police

Variable 909	<u>BODY REGION - AIS90</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt Code Value and Description

3763	13.1	1	Head
5135	17.8	2	Face
459	1.6	3	Neck
3219	11.2	4	Thorax
1741	6.0	5	Abdomen
2662	9.2	6	Spine
5353	18.6	7	Upper Extremity

Variable 909:BODY REGION - AIS90 (Continued)

20Nov03 Prcnt Code Value and Description

6307	21.9	8	Lower Extremity
163	0.6	9	Unspecified

Variable 910	ASPECT - AIS90	Width: 1	Type: Numeric
		Dec: None	Miss: 9

20Nov03 Prcnt Code Value and Description

1401	4.9	0	Whole region
7431	25.8	1	Right
8470	29.4	2	Left
2253	7.8	3	Bilateral
1348	4.7	4	Central
714	2.5	5	Anterior
1769	6.1	6	Posterior
1926	6.7	7	Superior
2236	7.8	8	Inferior
1254	4.4	9	Unknown

Variable 911	TYPE OF ANATOMIC STRUCT	Width: 1	Type: Numeric
		Dec: None	Miss: None

20Nov03 Prcnt Code Value and Description

			Type of Anatomic Structure - AIS90
126	0.4	1	Whole Area
129	0.4	2	Vessels
28	0.1	3	Nerves
4115	14.3	4	Organs (includes muscles/ligaments)
5769	20.0	5	Skeletal (includes joints)
744	2.6	6	Head - LOC (Level of Consciousness)
17891	62.1	9	Skin

Variable 912	SPECIFIC ANATOMIC STRUCT	Width: 2	Type: Numeric
		Dec: None	Miss: None

Valid only in combination with Body Region and Type of Structure
- AIS90 Some examples are:

20Nov03 Prcnt Code Value and Description

	WHOLE AREA
2	Skin - Abrasion
4	Skin - Contusion
6	Skin - Laceration
8	Skin - Avulsion

Variable 912:SPECIFIC ANATOMIC STRUCT (Continued)

20Nov03	Prcnt	Code	Value and Description
		10	Amputation
		20	Burn
		30	Crush
		40	Degloving
		50	Injury - NFS
		90	Trauma, other than mechanical
HEAD - LOC			
		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 913	LEVEL OF INJURY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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

20Nov03	Prcnt	Code	Value and Description
1959	6.8	0	
		-	Injury Level
240	0.8	99	

Variable 914	AIS SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 7

20Nov03	Prcnt	Code	Value and Description
20677	71.8	1	Minor injury
4294	14.9	2	Moderate injury
2522	8.8	3	Serious injury
768	2.7	4	Severe injury
358	1.2	5	Critical injury
91	0.3	6	Maximum (untreatable)
92	0.3	7	Injured, unknown severity

Variable	915	INJURY SOURCE	Width: 3	Type: Numeric
			Dec: None	Miss: 697
20Nov03	Prcnt	Code Value and Description		
		Front		
		1 Windshield		
959	3.3	2 Mirror		
86	0.3	3 Sunvisor		
81	0.3	4 Steering wheel rim		
1003	3.5	5 Steering wheel hub/spoke		
121	0.4	6 Steering wheel (combination of rim, hub/spoke)		
1240	4.3	7 Steering column, transmission, selector lever, other attachment		
58	0.2	8 Cellular telephone or CB radio		
0	0.0	9 Add-on equipment (e.g., tape deck, air conditioner)		
3	0.0	10 Left instrument panel and below		
1134	3.9	11 Center instrument panel and below		
476	1.7	12 Right instrument panel and below		
688	2.4	13 Glove compartment door		
191	0.7	14 Knee bolster		
1270	4.4	15 Windshield +: front header,A-pillar (A1/A2),instr panel, mirror,steering assembly-driver side		
114	0.4	16 Windshield + 1 or more from: front header,A-pillar (A1/A2),instr panel,mirror,-passenger side		
76	0.3	17 Windshield reinforced by exterior object		
7	0.0	19 Other front object		
4	0.0	20 Sunvisor reinforced by front header		
67	0.2			
		Left Side		
1166	4.0	51 Left side interior surface (excluding hardware or armrest)		
530	1.8	52 Left side hardware or armrest		
236	0.8	53 Left A-pillar (A1/A2)		
455	1.6	54 Left B-pillar		
8	0.0	55 Other left pillar		
86	0.3	56 Left side window glass		
66	0.2	57 Left side window frame		
17	0.1	58 Left side window sill		
0	0.0	59 Left side window glass + 1 or more from: frame>window sill,A-pillar (A1/A2),B-pillar,roof side rail		
4	0.0	60 Other left side object		
		Right Side		
800	2.8	101 Right side interior surface (excluding hardware or armrest)		
210	0.7	102 Right side hardware or armrest		
106	0.4	103 Right A-pillar (A1/A2)		
202	0.7	104 Right B-pillar		
27	0.1	105 Other right pillar		
33	0.1	106 Right side window glass		
41	0.1	107 Right side window frame		
31	0.1	108 Right side window sill		
9	0.0	109 Right side window glass + 1 or more from: frame>window sill,A-pillar (A1/A2),B-pillar,roof side rail		
0	0.0	110 Other right side object		

Variable 915:INJURY SOURCE (Continued)

20Nov03	Prcnt	Code	Value and Description
Interior			
1416	4.9	151	Seat, back support
3403	11.8	152	Belt restraint webbing/buckle
73	0.3	153	Belt restraint B pillar or door frame attachment point
1	0.0	154	Other restraint system component
156	0.5	155	Head restraint system
219	0.8	160	Other occupants
58	0.2	161	Interior loose objects
102	0.4	162	Child safety seat
94	0.3	163	Other interior object
0	0.0	164	Center console - first row
0	0.0	165	Center console - second row
0	0.0	166	Center console - other row
0	0.0	167	Fold down armrest - first row
0	0.0	168	Fold down armrest - second row
0	0.0	169	Fold down armrest - other row
Air Bag			
1204	4.2	170	Air bag - driver side
80	0.3	171	Air bag - driver side and eyewear
5	0.0	172	Air bag - driver side and jewelry
0	0.0	173	Air bag - driver side and object held
0	0.0	174	Air bag - driver side and object in mouth
5	0.0	175	Air bag compartment cover - driver side
0	0.0	176	Air bag compartment cover - driver side and eyewear
0	0.0	177	Air bag compartment cover - driver side and jewelry
0	0.0	178	Air bag compartment cover - driver side and object held
0	0.0	179	Air bag compartment cover - driver side and object in mouth
395	1.4	180	Air bag - passenger side
16	0.1	181	Air bag - passenger side and eyewear
0	0.0	182	Air bag - passenger side and jewelry
0	0.0	183	Air bag - passenger side and object held
0	0.0	184	Air bag - passenger side and object in mouth
13	0.0	185	Air bag compartment cover - passenger side
0	0.0	186	Air bag compartment cover - passenger side and eyewear
0	0.0	187	Air bag compartment cover - passenger side and jewelry
1	0.0	188	Air bag compartment cover - passenger side and object held
0	0.0	189	Air bag compartment cover - passenger side and object in mouth
16	0.1	190	Other air bag
3	0.0	195	Other air bag compartment cover
Roof			
184	0.6	201	Front header
29	0.1	202	Rear header
229	0.8	203	Roof left side rail
96	0.3	204	Roof right side rail
644	2.2	205	Roof or convertible top
24	0.1	206	Roof maplight/console
18	0.1	207	Sunroof/components

Variable 915:INJURY SOURCE (Continued)

20Nov03	Prcnt	Code	Value and Description
8	0.0	208	Roll-bar
			Floor
660	2.3	251	Floor including toe pan
275	1.0	252	Floor or console-mounted transmission lever (including console)
3	0.0	253	Parking brake handle
328	1.1	254	Foot controls (including parking brake)
			Rear
23	0.1	301	Backlight (rear window)
6	0.0	302	Backlight storage rack, door, etc.
4	0.0	303	Other rear object
			Adaptive (Assistive) Driving Equipment
0	0.0	401	Hand controls for braking/acceleration
0	0.0	402	Steering control devices (attached to OEM steering wheel)
0	0.0	403	Steering knob attached to steering wheel
0	0.0	405	Replacement steering wheel (ie reduced diameter)
0	0.0	406	Joy-stick steering controls
0	0.0	407	Wheelchair tie-downs
0	0.0	408	Modifications to seat belts (specify)
0	0.0	409	Additional or relocated switches (specify)
0	0.0	410	Raised roof
0	0.0	411	Wall mounted head rest (used behind wheelchair)
0	0.0	412	Other adaptive device (specify)
			Exterior of Occupant's Vehicle
4	0.0	451	Hood
5	0.0	452	Outside hardware (outside mirror, antenna)
43	0.1	453	Other exterior surface or tires
28	0.1	454	Unknown exterior objects
			Exterior of Other Motor Vehicle
0	0.0	501	Front bumper
36	0.1	502	Hood edge
81	0.3	503	Other front of vehicle
14	0.0	504	Hood
0	0.0	505	Hood ornament
0	0.0	506	Windshield, roof rail, A-pillar
31	0.1	507	Side surface
1	0.0	508	Side mirrors
0	0.0	509	Other side protrusions
40	0.1	510	Rear surface
12	0.0	511	Undercarriage
5	0.0	512	Tires and wheels
36	0.1	513	Other exterior of striking vehicle
34	0.1	514	Unknown exterior of striking vehicle

Variable 915:INJURY SOURCE (Continued)

20Nov03	Prcnt	Code	Value and Description
			Other Vehicle or Object in the Environment
1587	5.5	551	Ground
69	0.2	570	Same occupant contact (specify)
0	0.0	571	Interior loose object
0	0.0	572	Seat LATCH points for child restraint
19	0.1	573	Grab handles
2	0.0	574	Engine shroud/cover
0	0.0	575	Seatback trays
246	0.9	598	Other vehicle or object
0	0.0	599	Unknown vehicle or object
			Noncontact Injury
25	0.1	601	Fire in vehicle
532	1.8	602	Flying glass
719	2.5	603	Other noncontact injury source
31	0.1	604	Air bag exhaust gases
3806	13.2	697	Injured, unknown source

Variable 916	CONFIDENCE LEVEL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Injury source confidence level

20Nov03	Prcnt	Code	Value and Description
6137	21.3	1	Certain
14167	49.2	2	Probable
4691	16.3	3	Possible
3807	13.2	9	Unknown

Variable 917	DIRECT/INDIRECT INJURY	Width: 1	Type: Numeric
		Dec: None	Miss: 7

20Nov03	Prcnt	Code	Value and Description
22556	78.3	1	Direct contact injury
990	3.4	2	Indirect contact injury
1307	4.5	3	Noncontact injury
143	0.5	4	Air bag related injury
3806	13.2	7	Injured, unknown source

Variable 918	INTRUSION NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Occupant area intrusion number

20Nov03	Prcnt	Code	Value and Description
18892	65.6	0	No intrusion or injury not associated with a documented intrusion
1299	4.5	1	- Intrusion number
144	0.5	10	
683	2.4	97	Injury associated with a noncoded intrusion
4123	14.3	99	Unknown

Variable 919	OIC - BODY REGION	Width: 2	Type: Numeric
		Dec: None	Miss: 21

20Nov03	Prcnt	Code	Value and Description
151	0.5	1	A - Arm (upper)
1330	4.6	2	B - Back - thoracolumbar spine
3190	11.1	3	C - Chest
19	0.1	5	E - Elbow
5133	17.8	6	F - Face
3765	13.1	8	H - Head - skull
163	0.6	11	K - Knee
393	1.4	12	L - Leg (lower)
1773	6.2	13	M - Abdomen
1791	6.2	14	N - Neck - cervical spine
551	1.9	16	P - Pelvis - hip
577	2.0	17	Q - Ankle - foot
355	1.2	18	R - Forearm
370	1.3	19	S - Shoulder
331	1.1	20	T - Thigh
160	0.6	21	U - Injured - unknown region
321	1.1	23	W - Wrist - hand
4137	14.4	24	X - Upper limb(s) (whole or unknown part)
4292	14.9	25	Y - Lower limb(s) (whole or unknown part)

Variable 920	OIC - LESION	Width: 2	Type: Numeric
		Dec: None	Miss: 21

20Nov03	Prcnt	Code	Value and Description
5351	18.6	1	A - Abrasion
71	0.2	2	B - Burn
9608	33.4	3	C - Contusion
310	1.1	4	D - Dislocation
7	0.0	5	E - Total severance, transection
4951	17.2	6	F - Fracture
52	0.2	7	G - Detachment, separation

Variable 920:OIC - LESION (Continued)

20Nov03	Prcnt	Code	Value and Description
744	2.6	11	K - Concussion
4557	15.8	12	L - Laceration
18	0.1	13	M - Amputation
30	0.1	14	N - Crush
5	0.0	15	O - Other
46	0.2	18	R - Rupture
314	1.1	19	S - Sprain
1459	5.1	20	T - Strain
1093	3.8	21	U - Injured - unknown lesion
186	0.6	22	V - Avulsion

Variable 921	OIC - SYSTEM ORGAN	Width: 2	Type: Numeric
		Dec: None	Miss: 21

20Nov03	Prcnt	Code	Value and Description
129	0.4	1	A - Arteries - veins
1747	6.1	2	B - Brain
74	0.3	3	C - Spinal cord
214	0.7	4	D - Digestive
2	0.0	5	E - Ears
45	0.2	7	G - Urogenital
102	0.4	8	H - Heart
17893	62.1	9	I - Integumentary
640	2.2	10	J - Joints
79	0.3	11	K - Kidneys
245	0.9	12	L - Liver
1541	5.4	13	M - Muscles
28	0.1	14	N - Nervous system
101	0.4	15	O - Eye
374	1.3	16	P - Pulmonary - lungs
196	0.7	17	Q - Spleen
40	0.1	18	R - Respiratory
5061	17.6	19	S - Skeletal
21	0.1	20	T - Thyroid, other endocrine gland
173	0.6	21	U - Injured - unknown system
49	0.2	22	V - Vertebrae
48	0.2	23	W - All systems in region

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
abdomen	822	6	Lap belt worn on abdomen
abdomen	828	6	Lap portion of automatic belt worn on ab
abdomen	909	5	Abdomen
abdomen	919	13	M - Abdomen
abnormal	813	8	Other abnormal posture
abraded	558	6	Abraded (scraped)
abraded	559	6	Abraded (scraped)
abraded	845	7	Abraded
abrasion	920	1	A - Abrasion
abs	330	4	ABS standard, wheels unknown
absorption	365	*	ENERGY ABSORPTION
ac	393	97	AC test performed, results unknown
accelerating	375	3	Accelerating in traffic lane
accelerating	379	10	Accelerating
acceleration	915	401	Hand controls for braking/acceleration
access	376	74	From entrance to limited access highway
access	380	3	Driveway, alley access related
acid	562	10	Lead acid battery
acid	563	10	Lead acid battery
across	376	66	From crossing street - across path
across	813	2	Lying on or across seat
action	379	98	Other action
active	401	1	A - Active (manual) belts
acura	307	54	Acura
adaptive	756	*	ADAPTIVE TECHNOLOGY
adaptive	846	4	Adaptive/assistive controls (specify)
adaptive	915	412	Other adaptive device (specify)
add-on	851	5	Add-on - no damage
add-on	915	9	Add-on equipment (e.g., tape deck, air c
adjustable	824	9	Unknown if position has adjustable shoul
adjustable	851	3	Adjustable - no damage
adjuster	856	2	Seat adjusters failed
adjusting	374	7	While adjusting climate controls
adjustment	824	1	No upper anchorage adjustment for manual
adverse	388	0	No adverse atmospheric-related driving c
aerostar	309	20	Minivan (Astro, Caravan, Plymouth Vista,
aerostar	351	20	Minivan (Astro, Caravan, Plymouth Vista,
age	807	*	AGE
air	398	2	VIN determined air bag system
air	399	*	AIR BAG DEPLOY 1ST SEAT
air	400	*	AIR BAG DEPLOY OTH SEAT
air	401	2	B - Driver front air bag / passenger sid
air	831	*	AIR BAG AVAIL/FUN POLICE
air	832	*	AIR BAG AVAIL/FUNCTION
air	833	*	AIR BAG DEPLOYMENT
air	834	1	Air bag
air	835	*	AIR BAG DEPLOY/OTHER
air	836	*	AIR BAG SYSTEM FAILURE
air	838	*	AIR BAG TYPE
air	839	*	AIR BAG MAINTENANCE
air	840	*	AIR BAG EVENT NUMBER
air	841	*	CDC OF AIR BAG DEPLOY
air	844	3	Deployed, unknown if air bag module cove
air	848	*	AIR BAG VENT PORTS

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
air	849	3	Deployed, unknown if other occupant cont
air	850	0	Not air bag equipped/not available
air	879	*	REDESIGN AIR BAG CLASS
air	915	9	Add-on equipment (e.g., tape deck, air c
air	917	4	Air bag related injury
air bag	834	*	AB AVAIL/OTHER
air bag	837	*	AB DEPLOY/PREVIOUS ACC
air bag	842	*	AB ASSOC LONG DELTA V
air bag	843	*	AB FLAPS OPEN CORRECTLY
air bag	844	*	AB FLAPS DAMAGED
air bag	845	*	AB DAMAGED
air bag	846	*	AB DAMAGE SOURCE
air bag	847	*	AB TETHERED
air bag	849	*	AB CONTACTED BY OTHER OC
ais	112	*	MAXIMUM KNOWN AIS
ais	403	*	MAXIMUM KNOWN AIS
ais	877	*	MAXIMUM KNOWN AIS
ais	914	*	AIS SEVERITY
ais90	909	*	BODY REGION - AIS90
ais90	910	*	ASPECT - AIS90
alcohol	115	*	ALCOHOL INVOLVEMENT
alcohol	392	*	ALCOHOL PRESENCE
alcohol	393	*	ALCOHOL TEST RESULT
aleut	397	5	American Indian, Eskimo or Aleut
alfa	307	31	Alfa Romeo
algorithm	361	3	Missing vehicle algorithm
algorithm	370	998	Trajectory algorithm
alignment	383	*	ROADWAY ALIGNMENT
alley	380	3	Driveway, alley access related
ambulance	309	11	Auto based panel (cargo station wagon, i
ambulance	327	6	Ambulance
ambulance	351	11	Auto based panel (cargo station wagon, i
american	307	1	American Motors
american	308	+	Rambler/American
american	397	5	American Indian, Eskimo or Aleut
amputation	920	13	M - Amputation
anatomic	911	*	TYPE OF ANATOMIC STRUCT
anatomic	912	*	SPECIFIC ANATOMIC STRUCT
anchor	824	*	SHOULDER BELT ANCHOR ADJ
anchor	856	4	Seat track/anchors failed
anchorage	823	4	Upper anchorage separated
anchorage	824	1	No upper anchorage adjustment for manual
anchorage	829	4	Upper anchorage separated
angle	118	4	Angle
angle	358	*	HEADING ANGLE - THIS VEH
angle	359	*	HEADING ANGLE - OTH VEH
animal	209	76	Animal
animal	355	76	Animal
animal	376	87	Animal in roadway
animal	507	76	Animal
animal	519	76	Animal
ankle	919	17	Q - Ankle - foot
antenna	915	452	Outside hardware (outside mirror, antenn
anterior	910	5	Anterior
antilock	330	*	ANTILOCK BRAKES
aops	398	*	AOPS VEHICLE
aopss	121	*	AOPSS STUDY

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
a-pillar	707	6	A-pillar (A1/A2)
a-pillar	711	6	A-pillar (A1/A2)
a-pillar	715	6	A-pillar (A1/A2)
a-pillar	719	6	A-pillar (A1/A2)
a-pillar	723	6	A-pillar (A1/A2)
a-pillar	727	6	A-pillar (A1/A2)
a-pillar	731	6	A-pillar (A1/A2)
a-pillar	735	6	A-pillar (A1/A2)
a-pillar	739	6	A-pillar (A1/A2)
a-pillar	743	6	A-pillar (A1/A2)
a-pillar	915	15	Windshield +: front header,A-pillar (A1/
applied	356	*	PRIN TRIP FORCE APPLIED
april	106	4	April
arm	822	3	Shoulder belt worn under arm
arm	828	3	Automatic shoulder belt worn under arm
arm	919	1	A - Arm (upper)
armrest	915	51	Left side interior surface (excluding ha
around	822	5	Belt worn around more than one person
around	828	5	Automatic belt worn around more than one
arrow	309	30	Compact pickup (Ram 50, Dakota, Arrow Pi
arrow	351	30	Compact pickup (Ram 50, Dakota, Arrow Pi
arterial	875	*	ARTERIAL BLOOD GASES
arteries	921	1	A - Arteries - veins
asian	397	6	Asian or Pacific Islander
asleep	374	11	Sleepy or fell asleep
aspect	910	*	ASPECT - AIS90
asphalt	385	2	Bituminous (asphalt)
assembly	707	1	Steering assembly
assembly	711	1	Steering assembly
assembly	715	1	Steering assembly
assembly	719	1	Steering assembly
assembly	723	1	Steering assembly
assembly	727	1	Steering assembly
assembly	731	1	Steering assembly
assembly	735	1	Steering assembly
assembly	739	1	Steering assembly
assembly	743	1	Steering assembly
assembly-driver	915	15	Windshield +: front header,A-pillar (A1/
assessment	803	9	Occupant assessment record
assistance	819	3	Exited from vehicle with some assistance
assistive	846	4	Adaptive/assistive controls (specify)
associated	842	*	AB ASSOC LONG DELTA V
associated	908	3	Emergency room records only (including a
associated	918	0	No intrusion or injury not associated wi
astro	309	20	Minivan (Astro, Caravan, Plymouth Vista,
astro	351	20	Minivan (Astro, Caravan, Plymouth Vista,
atc	309	90	ATV (all terrain vehicle including dune/
atc	351	90	ATV (all terrain vehicle including dune/
atmospheric	388	*	ATMOSPHERIC CONDITIONS
atmospheric-related	388	0	No adverse atmospheric-related driving c
attached	915	402	Steering control devices (attached to OE
attachment	915	7	Steering column, transmission, selector
attempted	379	*	ATTEMPTED AVOID MANEUVER
attentive	374	1	Attentive or not distracted
attenuator	209	55	Impact attenuator
attenuator	355	55	Impact attenuator
attenuator	507	55	Impact attenuator

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
attenuator	519	55	Impact attenuator
atv	309	90	ATV (all terrain vehicle including dune/
atv	351	90	ATV (all terrain vehicle including dune/
audi	307	32	Audi
august	106	8	August
austin	307	33	Austin/Austin Healey
auto	309	10	Auto based pickup (includes El Camino, C
auto	351	10	Auto based pickup (includes El Camino, C
auto	825	*	AUTO RESTRAINT AVAILABLE
auto	826	*	AUTO (PASSIV) SYSTEM USE
auto	827	*	AUTO BELT SYSTEM TYPE
auto	828	*	PROPER USE OF AUTO BELT
auto	829	*	AUTO BELT FAILURE MODES
automatic	398	3	VIN determined automatic (passive) belts
automatic	401	16	P - Passive (automatic) belts
automatic	825	1	2 point automatic belts
automatic	826	1	Automatic belt in use
automatic	828	1	Automatic belt used properly
automatic	829	1	No automatic belt failure(s)
automatic	830	7	Other or automatic restraint
automobile	309	8	Other automobile type
automobile	351	8	Other automobile type
autopsy	908	1	Autopsy records with or without hospital
avoid	379	*	ATTEMPTED AVOID MANEUVER
avoidance	375	17	Successful avoidance maneuver to a previ
avoidance	379	1	No avoidance maneuver
avulsion	920	22	V - Avulsion
axis	357	1	Roll right - primarily about longitudina
axle	554	1	Aft of center of the rear wheels (rear a
axle	555	1	Aft of center of the rear wheels (rear a
axle	556	2	Aft of center of the rear wheels (rear a
axle	557	2	Aft of center of the rear wheels (rear a
backing	375	13	Backing up (other than for parking posit
backing	376	56	Backing
backlight	606	7	Rear window (backlight)
backlight	622	*	IMPACT GLAZING DAM - BL
backlight	630	*	CONTACT GLAZING DAM - BL
backlight	638	*	TYPE OF GLAZING - BL
backlight	646	*	WIN PRECRASH STAT - BL
backlight	707	19	Backlight header
backlight	711	19	Backlight header
backlight	715	19	Backlight header
backlight	719	19	Backlight header
backlight	723	19	Backlight header
backlight	727	19	Backlight header
backlight	731	19	Backlight header
backlight	735	19	Backlight header
backlight	739	19	Backlight header
backlight	743	19	Backlight header
backlight	915	301	Backlight (rear window)
bag	398	2	VIN determined air bag system
bag	399	*	AIR BAG DEPLOY 1ST SEAT
bag	400	*	AIR BAG DEPLOY OTH SEAT
bag	401	2	B - Driver front air bag / passenger sid
bag	831	*	AIR BAG AVAIL/FUN POLICE
bag	832	*	AIR BAG AVAIL/FUNCTION
bag	833	*	AIR BAG DEPLOYMENT

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
bag	834	1	Air bag
bag	835	*	AIR BAG DEPLOY/OTHER
bag	836	*	AIR BAG SYSTEM FAILURE
bag	838	*	AIR BAG TYPE
bag	839	*	AIR BAG MAINTENANCE
bag	840	*	AIR BAG EVENT NUMBER
bag	841	*	CDC OF AIR BAG DEPLOY
bag	844	3	Deployed, unknown if air bag module cove
bag	848	*	AIR BAG VENT PORTS
bag	849	3	Deployed, unknown if other occupant cont
bag	850	0	Not air bag equipped/not available
bag	879	*	REDESIGN AIR BAG CLASS
bag	915	170	Air bag - driver side
bag	917	4	Air bag related injury
barrel	335	2	B - Higher HP, 1 barrel carburetor
barrier	209	54	Concrete traffic barrier
barrier	355	54	Concrete traffic barrier
barrier	366	*	BARRIER EQUIVALENT SPEED
barrier	381	1	Divided trafficway-median strip without
barrier	507	54	Concrete traffic barrier
barrier	519	54	Concrete traffic barrier
basis	361	*	BASIS FOR TOTAL DELTA-V
battery	562	10	Lead acid battery
battery	563	10	Lead acid battery
behind	822	4	Shoulder belt worn behind back or seat
behind	828	4	Automatic shoulder belt worn behind back
behind	915	411	Wall mounted head rest (used behind whee
below	915	10	Left instrument panel and below
belt	398	3	VIN determined automatic (passive) belts
belt	401	1	A - Active (manual) belts
belt	820	*	MANUAL BELT AVAILABILITY
belt	821	*	MANUAL BELT USE
belt	822	*	MANUAL BELT PROPER USE
belt	823	*	MANUAL BELT FAILURE
belt	824	*	SHOULDER BELT ANCHOR ADJ
belt	825	1	2 point automatic belts
belt	826	1	Automatic belt in use
belt	827	*	AUTO BELT SYSTEM TYPE
belt	828	*	PROPER USE OF AUTO BELT
belt	829	*	AUTO BELT FAILURE MODES
belt	830	2	Shoulder belt
belt	876	*	BELT USE DETERMINATION
belt	915	152	Belt restraint webbing/buckle
bench	852	3	Bench
benz	307	42	Mercedes Benz
beyond	361	4	At least one vehicle is beyond the scope
bicycle	309	81	Moped (motorized bicycle)
bicycle	351	81	Moped (motorized bicycle)
bilateral	910	3	Bilateral
bituminous	385	2	Bituminous (asphalt)
black	397	2	Black (non-Hispanic)
blank	208	97	(blank) No information
blank	211	97	(blank) No information
blazer	309	15	Large utility (includes Jeep Cherokee, R
blazer	351	15	Large utility (includes Jeep Cherokee, R
block	385	3	Brick or block
blood	874	*	WAS OCCUPANT GIVEN BLOOD

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
blood	875	*	ARTERIAL BLOOD GASES
blow	376	1	Blow out or flat tire
blowing	388	7	Other (e.g. smog, smoke, blowing sand or
bmw	307	34	BMW
body	309	*	BODY TYPE
body	322	9	Inapplicable - Body Type (V309) = 50-99
body	324	999	Unknown or Inapplicable - Body Type (V30
body	325	999	Unknown or Inapplicable - Body Type (V30
body	326	9	Unknown or Inapplicable - Body Type (V30
body	328	9	Unknown or Inapplicable - Body Type (V30
body	329	9	Unknown or Inapplicable - Body Type (V30
body	343	9999	Unknown or Inapplicable - Body Type (V30
body	345	*	VIN BODY TYPE
body	351	*	BODY TYPE - OTHER VEH
body	352	99	Rollover (overturn) - details unknown or
body	353	99	Unknown rollover initiation type or Inap
body	354	9	Unknown or Inapplicable - Body Type (V30
body	355	99	Unknown event or object or Inapplicable
body	356	9	Unknown or Inapplicable - Body Type (V30
body	357	9	Unknown roll direction or Inapplicable -
body	358	999	Unknown or Inapplicable - Body Type (V30
body	359	999	Unknown or Inapplicable - Body Type (V30
body	360	9	Inapplicable - Body Type (V309) = 50-99
body	361	99	Inapplicable - Body Type (V309) = 50-99
body	362	999	Unknown or Inapplicable - Body Type (V30
body	365	9999	Unknown or Inapplicable - Body Type (V30
body	366	999	Unknown or Inapplicable - Body Type (V30
body	367	9	Unknown or Inapplicable - Body Type (V30
body	370	999	Unknown or Inapplicable - Body Type (V30
body	372	9	Inapplicable - Body Type (V309) = 50-99
body	373	9	Unknown or Inapplicable Body Type (V309)
body	391	9	Unknown or Inapplicable - Body Type (V30
body	398	9	Inapplicable - Body Type (V309) = 50-99
body	399	9	Unknown or Inapplicable - Body Type (V30
body	400	9	Unknown or Inapplicable - Body Type (V30
body	402	9	Unknown or Inapplicable - Body Type (V30
body	403	9	Unknown if injured or Inapplicable - Bod
body	404	99	Unknown or Inapplicable - Body Type (V30
body	405	99	Unknown or Inapplicable - Body Type (V30
body	406	99	Unknown or Inapplicable - Body Type (V30
body	407	99	Inapplicable - Body Type (V309) = 50-99
body	408	99	Unknown, no indication of Delta V coded,
body	530	999	Unknown or Inapplicable - Body Type (V30
body	531	999	Unknown or Inapplicable - Body Type (V30
body	909	*	BODY REGION - AIS90
body	919	*	OIC - BODY REGION
bolster	753	*	KNEE BOLSTER TYPE
bolster	754	*	KNEE BOLSTERS DEFORMED
bolster	915	14	Knee bolster
booster	858	4	Booster seat - with shield
borderline	360	4	Borderline reconstruction - results appe
bounce-over	353	6	Bounce-over
box	852	9	Box mounted seat (i.e., van type)
b-pillar	707	7	B-pillar
b-pillar	711	7	B-pillar
b-pillar	715	7	B-pillar
b-pillar	719	7	B-pillar

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
b-pillar	723	7	B-pillar
b-pillar	727	7	B-pillar
b-pillar	731	7	B-pillar
b-pillar	735	7	B-pillar
b-pillar	739	7	B-pillar
b-pillar	743	7	B-pillar
b-pillar	915	54	Left B-pillar
bracing	813	7	Bracing with feet or hands on a surface
brain	921	2	B - Brain
brake	330	*	ANTILOCK BRAKES
brake	379	5	Releasing brakes
brake	915	253	Parking brake handle
braking	379	2	Braking (no lockup)
braking	915	401	Hand controls for braking/acceleration
brat	309	10	Auto based pickup (includes El Camino, C
brat	351	10	Auto based pickup (includes El Camino, C
breakaway	209	45	Breakaway pole or post (any diameter)
breakaway	355	45	Breakaway pole or post
breakaway	507	45	Breakaway pole or post (any diameter)
breakaway	519	45	Breakaway pole or post (any diameter)
brick	385	3	Brick or block
bridge	209	64	Bridge
bridge	355	64	Bridge
bridge	507	64	Bridge
bridge	519	64	Bridge
brockway	307	80	Brockway
broken	823	3	Broken buckle or latchplate
broken	829	3	Broken buckle or latchplate
bronco	309	14	Compact utility (includes Jeep CJ-2 thru
bronco	351	14	Compact utility (includes Jeep CJ-2 thru
bsa	307	70	BSA
bucket	852	1	Bucket
buckle	823	3	Broken buckle or latchplate
buckle	829	3	Broken buckle or latchplate
buckle	915	152	Belt restraint webbing/buckle
buggy	309	90	ATV (all terrain vehicle including dune/
buggy	351	90	ATV (all terrain vehicle including dune/
buick	307	18	Buick
bumper	915	501	Front bumper
burn	846	6	Thermal burns
burn	920	2	B - Burn
burned	845	6	Burned
bus	207	24	Van based school bus (< or = 4,536 kgs G
bus	209	71	Medium/heavy truck or bus not in-transpo
bus	210	24	Van based school bus (< or = 4,536 kgs G
bus	309	24	Van based school bus (< 4,536 kgs GVWR)
bus	327	2	Vehicle used as school bus
bus	328	0	No override/underride, or not an end-ove
bus	329	0	No override/underride, or not end-over-e
bus	351	24	Van based school bus (< 4,536 kgs GVWR)
bus	355	71	Medium/heavy truck or bus not in-transpo
bus	507	71	Medium/heavy truck or bus not in-transpo
bus	519	71	Medium/heavy truck or bus not in-transpo
bush	209	43	Shrubbery or bush
bush	355	43	Shrubbery or bush
bush	507	43	Shrubbery or bush
bush	519	43	Shrubbery or bush

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
cab	208	6	(C) Rear of cab
cab	211	6	(C) Rear of cab
cab	309	40	Cab chassis based (includes rescue vehic
cab	351	40	Cab chassis based (includes rescue vehic
caballero	309	10	Auto based pickup (includes El Camino, C
caballero	351	10	Auto based pickup (includes El Camino, C
cadillac	307	19	Cadillac
camino	309	10	Auto based pickup (includes El Camino, C
camino	351	10	Auto based pickup (includes El Camino, C
camper	309	32	Pickup with slide-in camper
camper	351	32	Pickup with slide-in camper
cap	556	*	FUEL TANK 1 FILLER CAP
cap	557	*	FUEL TANK 2 FILLER CAP
cap	560	4	Cap
cap	561	4	Cap
cap	564	1	Yes, no damage to any tank or filler cap
car	207	9	Unknown passenger car size
car	209	70	Passenger car, light truck, van or other
car	210	9	Unknown passenger car size
car	327	7	Fire truck or car
car	333	8	Not applicable, not a passenger car
car	343	*	VIN VEH WEIGHT - CAR
car	344	*	VIN MODEL CARS
car	355	70	Passenger car, light truck, van or other
car	507	70	Passenger car, light truck, van or other
car	519	70	Passenger car, light truck, van or other
caravan	309	20	Minivan (Astro, Caravan, Plymouth Vista,
caravan	351	20	Minivan (Astro, Caravan, Plymouth Vista,
carburetion	335	*	CARBURETION
carburetor	335	2	B - Higher HP, 1 barrel carburetor
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	325	*	VEHICLE CARGO WEIGHT
cargo	351	11	Auto based panel (cargo station wagon, i
cargo	551	5	Cargo/trunk compartment
carried	846	3	Object carried by occupant
carry	309	50	School bus (designed to carry students,
carry	351	50	School bus (designed to carry students,
case	102	*	CASE NUMBER
case	202	*	CASE NUMBER
case	302	*	CASE NUMBER
case	502	*	CASE NUMBER
case	602	*	CASE NUMBER
case	702	*	CASE NUMBER
case	802	*	CASE NUMBER
case	902	*	CASE NUMBER
cassette	374	8	While adjusting radio, cassette, CD
catastrophic	706	97	Catastrophic
catastrophic	707	97	Catastrophic
catastrophic	708	7	Catastrophic
catastrophic	709	7	Catastrophic
catastrophic	710	97	Catastrophic
catastrophic	711	97	Catastrophic
catastrophic	712	7	Catastrophic
catastrophic	713	7	Catastrophic
catastrophic	714	97	Catastrophic

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
catastrophic	715	97	Catastrophic
catastrophic	716	7	Catastrophic
catastrophic	717	7	Catastrophic
catastrophic	718	97	Catastrophic
catastrophic	719	97	Catastrophic
catastrophic	720	7	Catastrophic
catastrophic	721	7	Catastrophic
catastrophic	722	97	Catastrophic
catastrophic	723	97	Catastrophic
catastrophic	724	7	Catastrophic
catastrophic	725	7	Catastrophic
catastrophic	726	97	Catastrophic
catastrophic	727	97	Catastrophic
catastrophic	728	7	Catastrophic
catastrophic	729	7	Catastrophic
catastrophic	730	97	Catastrophic
catastrophic	731	97	Catastrophic
catastrophic	732	7	Catastrophic
catastrophic	733	7	Catastrophic
catastrophic	734	97	Catastrophic
catastrophic	735	97	Catastrophic
catastrophic	736	7	Catastrophic
catastrophic	737	7	Catastrophic
catastrophic	738	97	Catastrophic
catastrophic	739	97	Catastrophic
catastrophic	740	7	Catastrophic
catastrophic	741	7	Catastrophic
catastrophic	742	97	Catastrophic
catastrophic	743	97	Catastrophic
catastrophic	744	7	Catastrophic
catastrophic	745	7	Catastrophic
cause	376	8	Other cause of control loss
cause	869	*	CAUSE OF DEATH-1-MED REP
cause	870	*	CAUSE OF DEATH-2-MED REP
cause	871	*	CAUSE OF DEATH-3-MED REP
cb	915	8	Cellular telephone or CB radio
cd	374	8	While adjusting radio, cassette, CD
cdc	328	1	First CDC
cdc	329	1	First CDC
cdc	507	0	No event or CDC applicable
cdc	508	98	Not applicable - no CDC / TDC
cdc	513	98	Not applicable - no CDC / TDC
cdc	514	99	Not applicable or No CDC
cdc	515	99	Not applicable or No CDC
cdc	516	99	Not applicable or No CDC
cdc	517	99	Not applicable or No CDC
cdc	519	0	No event or not CDC applicable
cdc	520	98	Not applicable - no CDC / TDC
cdc	525	98	Not applicable - no CDC / TDC
cdc	526	99	Not applicable or No CDC
cdc	527	99	Not applicable or No CDC
cdc	528	99	Not applicable or No CDC
cdc	529	99	Not applicable or No CDC
cdc	841	*	CDC OF AIR BAG DEPLOY
cdc's	546	*	CDC'S DOC/NOT CODED
cds	328	0	No override/underride, or not an end-ove
cds	329	0	No override/underride, or not end-over-e

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
cellular	374	5	While talking or listening to cellular p
cellular	915	8	Cellular telephone or CB radio
central	910	4	Central
certain	916	1	Certain
cervical	919	14	N - Neck - cervical spine
changing	375	15	Changing lanes
charged	335	26	Z - Unknown super charged
charger	309	15	Large utility (includes Jeep Cherokee, R
charger	351	15	Large utility (includes Jeep Cherokee, R
chassis	309	12	Large limousine - more than four side do
chassis	351	12	Large limousine - more than four side do
cherokee	309	15	Large utility (includes Jeep Cherokee, R
cherokee	351	15	Large utility (includes Jeep Cherokee, R
chest	919	3	C - Chest
chevrolet	307	20	Chevrolet
chevy	309	16	Utility station wagon (Chevy Suburban,GM
chevy	351	16	Utility station wagon (Chevy Suburban,GM
child	821	12	Shoulder belt used with child safety sea
child	822	2	Belt used properly with child seat
child	828	2	Automatic belt used properly with child
child	830	6	Child safety seat
child	857	*	CHILD SEAT MAKE/MODEL
child	858	*	CHILD SEAT TYPE
child	859	*	CHILD SEAT ORIENTATION
child	860	*	CHILD SEAT HARNESS USE
child	861	*	CHILD SEAT SHIELD USE
child	862	*	CHILD SEAT TETHER USE
child	915	162	Child safety seat
chloride	562	13	Sodium metal chloride battery
chloride	563	13	Sodium metal chloride battery
chrysler	307	6	Chrysler
class	207	*	CLASS OF VEHICLE (1)
class	210	*	CLASS OF VEHICLE (2)
class	879	*	REDESIGN AIR BAG CLASS
climate	374	7	While adjusting climate controls
climb-over	353	4	Climb-over
clinic	865	3	Medical clinic
clinic	908	4	Private physician - walk-in or emergency
clockwise	377	3	Skidding laterally - clockwise rotation
closed	607	1	Door/gate/hatch remained closed and oper
closed	608	1	Door/gate/hatch remained closed and oper
closed	609	1	Door/gate/hatch remained closed and oper
closed	610	1	Door/gate/hatch remained closed and oper
closed	611	1	Door/gate/hatch remained closed and oper
closed	641	2	Closed
closed	642	2	Closed
closed	643	2	Closed
closed	644	2	Closed
closed	645	2	Closed
closed	646	2	Closed
closed	647	2	Closed
closed	648	2	Closed
closed	817	2	Closed
cng	562	3	CNG (Compressed Natural Gas)
cng	563	3	CNG (Compressed Natural Gas)
code	335	6	F - Unknown, fuel injection rating code
code	336	*	FUEL CODE

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
code	348	*	TRUCK WEIGHT CODE
code	396	*	DRIVER'S ZIP CODE
coded	117	9	Not Coded
coded	336	7	G - Gas (ie Ford engine methanol fuel is
coded	367	0	Reconstruction delta V coded
coded	408	99	Unknown, no indication of Delta V coded,
coded	546	*	CDC'S DOC/NOT CODED
coded	921	99	Not Coded
collapse	750	9	Complete steering wheel collapse
collision	118	*	MANNER OF COLLISION
collision	353	7	Collision with another vehicle
collision	360	1	Collision fits model - results appear re
collision	361	4	At least one vehicle is beyond the scope
collision	373	*	POST COLL TREE/POLE COND
collision	376	0	Not applicable/no collision
collision	607	2	Door/gate/hatch came open during collisi
collision	608	2	Door/gate/hatch came open during collisi
collision	609	2	Door/gate/hatch came open during collisi
collision	610	2	Door/gate/hatch came open during collisi
collision	611	2	Door/gate/hatch came open during collisi
column	746	*	STEERING COLUMN TYPE
column	747	*	STEERING COLUMN TILT
column	748	*	STEERING COLUMN TELESCOP
column	852	8	Pedestal (i.e., column supported)
column	915	7	Steering column, transmission, selector
coma	873	*	GLASGOW COMA SCALE SCORE
comanche	309	31	Large pickup (Jeep Pickup, Comanche, Sil
comanche	351	31	Large pickup (Jeep Pickup, Comanche, Sil
combination	606	98	Other combination of above
combination	823	7	Combination of above
combination	829	7	Combination of above
combination	856	7	Combination of above
combination	915	6	Steering wheel (combination of rim, hub/
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	351	14	Compact utility (includes Jeep CJ-2 thru
compartment	551	4	Engine compartment
compartment	606	*	PASS COMPART INTEGRITY
compartment	755	*	GLOVE COMPART DOOR OPEN
compartment	856	6	Deformed by passenger compartment intrus
compartment	915	13	Glove compartment door
complete	322	3	Complete inspection
complete	750	9	Complete steering wheel collapse
complete	814	1	Complete ejection
completely	855	11	Moved to completely rearward position
component	363	*	LONG COMPONENT DELTA-V
component	364	*	LAT COMPONENT DELTA-V
component	707	*	INTRUDING COMPONENT (1)
component	711	*	INTRUDING COMPONENT (2)
component	715	*	INTRUDING COMPONENT (3)
component	719	*	INTRUDING COMPONENT (4)
component	723	*	INTRUDING COMPONENT (5)
component	727	*	INTRUDING COMPONENT (6)
component	731	*	INTRUDING COMPONENT (7)
component	735	*	INTRUDING COMPONENT (8)
component	739	*	INTRUDING COMPONENT (9)

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
component	743	*	INTRUDING COMPONENT (10)
component	915	154	Other restraint system component
compressed	336	14	N - Compressed Natural Gas
compressed	562	3	CNG (Compressed Natural Gas)
compressed	563	3	CNG (Compressed Natural Gas)
concrete	209	54	Concrete traffic barrier
concrete	355	54	Concrete traffic barrier
concrete	385	1	Concrete
concrete	507	54	Concrete traffic barrier
concrete	519	54	Concrete traffic barrier
concussion	920	11	K - Concussion
condition	361	4	At least one vehicle is beyond the scope
condition	373	*	POST COLL TREE/POLE COND
condition	376	5	Poor road conditions (puddle, pothole, i
condition	386	*	ROADWY SURFACE CONDITION
condition	387	*	LIGHT CONDITIONS
condition	388	*	ATMOSPHERIC CONDITIONS
conditioner	915	9	Add-on equipment (e.g., tape deck, air c
confidence	360	*	RECONSTRUCT CONFIDENCE
confidence	916	*	CONFIDENCE LEVEL
consciousness	911	6	Head - LOC (Level of Consciousness)
console	813	5	Sitting on a console
console	915	164	Center console - first row
console-mounted	915	252	Floor or console-mounted transmission le
construction	309	93	Construction equipment other than trucks
construction	351	93	Construction equipment other than trucks
contact	209	*	VEH NUM/OBJ CONTACT(2)
contact	355	*	ROLLOVER INIT OBJ CONTACT
contact	625	*	CONTACT GLAZING DAM - WS
contact	626	*	CONTACT GLAZING DAM - LF
contact	627	*	CONTACT GLAZING DAM - RF
contact	628	*	CONTACT GLAZING DAM - LR
contact	629	*	CONTACT GLAZING DAM - RR
contact	630	*	CONTACT GLAZING DAM - BL
contact	631	*	CONTACT GLAZING DAM - RO
contact	632	*	CONTACT GLAZING DAM - OT
contact	633	0	No glazing contact
contact	634	0	No glazing contact
contact	635	0	No glazing contact
contact	636	0	No glazing contact
contact	637	0	No glazing contact
contact	638	0	No glazing contact
contact	639	0	No glazing contact
contact	640	0	No glazing contact
contact	849	3	Deployed, unknown if other occupant cont
contact	850	3	Contact lenses
contact	915	570	Same occupant contact (specify)
contact	917	1	Direct contact injury
contacted	507	*	OBJECT CONTACTED (1)
contacted	519	*	OBJECT CONTACTED (2)
contacted	625	2	Glazing contacted by occupant but no gla
contacted	626	2	Glazing contacted by occupant but no gla
contacted	627	2	Glazing contacted by occupant but no gla
contacted	628	2	Glazing contacted by occupant but no gla
contacted	629	2	Glazing contacted by occupant but no gla
contacted	630	2	Glazing contacted by occupant but no gla
contacted	631	2	Glazing contacted by occupant but no gla

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
contacted	632	2	Glazing contacted by occupant but no gla
contacted	849	*	AB CONTACTED BY OTHER OC
control	374	7	While adjusting climate controls
control	376	8	Other cause of control loss
control	389	*	TRAFFIC CONTROL DEVICE
control	390	*	CONTROL DEVICE FUNCTION
control	846	4	Adaptive/assistive controls (specify)
control	915	254	Foot controls (including parking brake)
controlled	335	7	G - 1 barrel, electronically controlled
contusion	920	3	C - Contusion
conventional	309	39	Unknown (pickup style) light conventiona
conventional	351	39	Unknown (pickup style) light conventiona
conversion	517	11	K - Conversion in impact type
conversion	529	11	K - Conversion in impact type
converted	336	3	C - Gasoline engine that can be easily c
convertible	309	1	Convertible (excludes sun roof, t-bar)
convertible	351	1	Convertible (excludes sun roof, t-bar)
convertible	707	13	Roof (or convertible top)
convertible	711	13	Roof (or convertible top)
convertible	715	13	Roof (or convertible top)
convertible	719	13	Roof (or convertible top)
convertible	723	13	Roof (or convertible top)
convertible	727	13	Roof (or convertible top)
convertible	731	13	Roof (or convertible top)
convertible	735	13	Roof (or convertible top)
convertible	739	13	Roof (or convertible top)
convertible	743	13	Roof (or convertible top)
convertible	858	3	Convertible seat
convertible	915	205	Roof or convertible top
conveyance	209	74	Other nonmotorist or conveyance
conveyance	507	74	Other nonmotorist or conveyance
conveyance	519	74	Other nonmotorist or conveyance
cooper	307	65	Cooper
cord	921	3	C - Spinal cord
corner	517	5	E - Corner
corner	529	5	E - Corner
coroner	908	5	Lay coroner report
correctly	843	*	AB FLAPS OPEN CORRECTLY
counterclockwise	377	4	Skidding laterally - counterclockwise ro
country	309	50	School bus (designed to carry students,
country	351	50	School bus (designed to carry students,
coupe	309	2	2-door sedan, hardtop, coupe
coupe	351	2	2-door sedan, hardtop, coupe
cover	844	3	Deployed, unknown if air bag module cove
cover	915	175	Air bag compartment cover - driver side
c-pillar	707	8	C-pillar
c-pillar	711	8	C-pillar
c-pillar	715	8	C-pillar
c-pillar	719	8	C-pillar
c-pillar	723	8	C-pillar
c-pillar	727	8	C-pillar
c-pillar	731	8	C-pillar
c-pillar	735	8	C-pillar
c-pillar	739	8	C-pillar
c-pillar	743	8	C-pillar
cracked	373	2	Cracked/sheared
cracked	617	2	Glazing in place and cracked from impact

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
cracked	618	2	Glazing in place and cracked from impact
cracked	619	2	Glazing in place and cracked from impact
cracked	620	2	Glazing in place and cracked from impact
cracked	621	2	Glazing in place and cracked from impact
cracked	622	2	Glazing in place and cracked from impact
cracked	623	2	Glazing in place and cracked from impact
cracked	624	2	Glazing in place and cracked from impact
cracked	625	3	Glazing in place and cracked by occupant
cracked	626	3	Glazing in place and cracked by occupant
cracked	627	3	Glazing in place and cracked by occupant
cracked	628	3	Glazing in place and cracked by occupant
cracked	629	3	Glazing in place and cracked by occupant
cracked	630	3	Glazing in place and cracked by occupant
cracked	631	3	Glazing in place and cracked by occupant
cracked	632	3	Glazing in place and cracked by occupant
critical	112	5	Critical injury
critical	375	17	Successful avoidance maneuver to a previ
critical	376	*	CRITICAL PRECRASH EVENT
critical	403	5	Critical injury
critical	877	5	Critical injury
critical	914	5	Critical injury
cross	309	50	School bus (designed to carry students,
cross	351	50	School bus (designed to carry students,
crossing	376	17	Crossing over (passing through) intersec
crossing	389	1	Traffic control signal (not RR crossing)
crossover	376	55	In crossover
crush	709	*	CRUSH DIRECTION (1)
crush	713	*	CRUSH DIRECTION (2)
crush	717	*	CRUSH DIRECTION (3)
crush	721	*	CRUSH DIRECTION (4)
crush	725	*	CRUSH DIRECTION (5)
crush	729	*	CRUSH DIRECTION (6)
crush	733	*	CRUSH DIRECTION (7)
crush	737	*	CRUSH DIRECTION (8)
crush	741	*	CRUSH DIRECTION (9)
crush	745	*	CRUSH DIRECTION (10)
crush	920	14	N - Crush
culvert	209	60	Ditch or culvert
culvert	355	60	Ditch or culvert
culvert	507	60	Ditch or culvert
culvert	519	60	Ditch or culvert
curb	209	63	Curb
curb	324	*	VEHICLE CURB WEIGHT
curb	355	63	Curb
curb	507	63	Curb
curb	519	63	Curb
curve	375	14	Negotiating a curve
curve	383	2	Curve right
cushion	707	25	Seat cushion
cushion	711	25	Seat cushion
cushion	715	25	Seat cushion
cushion	719	25	Seat cushion
cushion	723	25	Seat cushion
cushion	727	25	Seat cushion
cushion	731	25	Seat cushion
cushion	735	25	Seat cushion
cushion	739	25	Seat cushion

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
cushion	743	25	Seat cushion
cushion	852	4	Bench with separate back cushions
cut	845	3	Cut
cutoff	401	21	U - Dual front air bag / active belts w/
cycle	207	80	Motored cycle
cycle	209	73	Cyclist or cycle
cycle	210	80	Motored cycle
cycle	307	79	Other motored cycle
cycle	309	88	Other motored cycle type (minibike, moto
cycle	351	88	Other motored cycle type (minibike, moto
cycle	507	73	Cyclist or cycle
cycle	519	73	Cyclist or cycle
cyclist	209	73	Cyclist or cycle
cyclist	507	73	Cyclist or cycle
cyclist	519	73	Cyclist or cycle
daewoo	307	64	Daewoo
daihatsu	307	60	Daihatsu
dakota	309	30	Compact pickup (Ram 50, Dakota, Arrow Pi
dakota	351	30	Compact pickup (Ram 50, Dakota, Arrow Pi
damage	208	*	GEN AREA OF DAMAGE (1)
damage	209	35	Other intraunit damage
damage	211	*	GEN AREA OF DAMAGE (2)
damage	322	1	Vehicle fully repaired - no damage evide
damage	323	0	Not towed due to vehicle damage
damage	361	1	Reconstruction program - damage only rou
damage	503	0	Filler - No damage record for this vehic
damage	507	35	Other intraunit damage
damage	519	35	Other intraunit damage
damage	547	0	Not towed due to vehicle damage
damage	558	*	FUEL TANK 1 DAMAGE
damage	559	*	FUEL TANK 2 DAMAGE
damage	564	1	Yes, no damage to any tank or filler cap
damage	566	*	DIRECT DAMAGE WIDTH
damage	603	0	Filler - No damage record for this vehic
damage	612	*	DOOR/GATE/HATCH DAM - LF
damage	613	*	DOOR/GATE/HATCH DAM - RF
damage	614	*	DOOR/GATE/HATCH DAM - LR
damage	615	*	DOOR/GATE/HATCH DAM - RR
damage	616	*	DOOR/GATE/HATCH DAM - TG
damage	617	*	IMPACT GLAZING DAM - WS
damage	618	*	IMPACT GLAZING DAM - LF
damage	619	*	IMPACT GLAZING DAM - RF
damage	620	*	IMPACT GLAZING DAM - LR
damage	621	*	IMPACT GLAZING DAM - RR
damage	622	*	IMPACT GLAZING DAM - BL
damage	623	*	IMPACT GLAZING DAM - RO
damage	624	*	IMPACT GLAZING DAM - OTH
damage	625	*	CONTACT GLAZING DAM - WS
damage	626	*	CONTACT GLAZING DAM - LF
damage	627	*	CONTACT GLAZING DAM - RF
damage	628	*	CONTACT GLAZING DAM - LR
damage	629	*	CONTACT GLAZING DAM - RR
damage	630	*	CONTACT GLAZING DAM - BL
damage	631	*	CONTACT GLAZING DAM - RO
damage	632	*	CONTACT GLAZING DAM - OT
damage	703	0	Filler - No damage record for this vehic
damage	752	*	INSTRUMENT PANEL DAMAGE

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
damage	845	88	Other damage (specify)
damage	846	*	AB DAMAGE SOURCE
damage	851	*	HEAD RESTRAINT TYPE/DAM
damaged	373	1	Not damaged
damaged	617	9	Unknown if damaged/No record
damaged	618	9	Unknown if damaged/No record
damaged	619	9	Unknown if damaged/No record
damaged	620	9	Unknown if damaged/No record
damaged	621	9	Unknown if damaged/No record
damaged	622	9	Unknown if damaged/No record
damaged	623	9	Unknown if damaged/No record
damaged	624	9	Unknown if damaged/No record
damaged	844	*	AB FLAPS DAMAGED
damaged	845	*	AB DAMAGED
damaged	846	1	Not damaged
damaged	851	2	Integral - damaged during accident
dark	387	2	Dark
datsum	307	35	Nissan/Datsun
dawn	387	4	Dawn
day	108	*	ACCIDENT DAY OF WEEK
day	866	61	61 days or more
day	867	*	WORKING DAYS LOST
day	868	60	From 29 1/2 to 30 days after the acciden
daylight	340	*	DAYLIGHT RUNNING LIGHTS
daylight	387	1	Daylight
deactivation	401	21	U - Dual front air bag / active belts w/
death	868	*	TIME TO DEATH
death	869	96	Mode of death given but specific injurie
death	870	96	Mode of death given but specific injurie
death	871	96	Mode of death given but specific injurie
death-1-med	869	*	CAUSE OF DEATH-1-MED REP
death-2-med	870	*	CAUSE OF DEATH-2-MED REP
death-3-med	871	*	CAUSE OF DEATH-3-MED REP
decelerating	375	2	Decelerating in traffic lane
decelerating	376	18	This vehicle decelerating
december	106	12	December
deck	915	9	Add-on equipment (e.g., tape deck, air c
deform	514	*	DEFORM LOC (1) - NUMERIC
deform	526	*	DEFORM LOC (2) - NUMERIC
deformation	509	*	DEFORMATION LOCATION (1)
deformation	513	*	DEFORMATION EXTENT (1)
deformation	517	21	U - No residual deformation
deformation	521	*	DEFORMATION LOCATION (2)
deformation	525	*	DEFORMATION EXTENT (2)
deformation	529	21	U - No residual deformation
deformation	749	*	RIM/SPOKE DEFORMATION
deformation	750	*	RIM/SPOKE DEF LOCATION
deformation	754	1	No deformation
deformed	558	2	Deformed, no seam failure
deformed	559	2	Deformed, no seam failure
deformed	754	*	KNEE BOLSTERS DEFORMED
deformed	856	5	Deformed by occupant impact
degree	373	3	Tilted < 45 degrees
degree	377	2	Skidding longitudinally - rotation less
degree	568	*	PDOF1-CLOCK DEGREES
degree	569	*	PDOF2-CLOCK DEGREES
degree	814	3	Ejection, unknown degree

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
delta	367	*	EST HIGHEST DELTA V
delta	373	0	Not collision (for highest delta V) with
delta	408	*	DELTA V EVENT NUMBER
delta	841	1	Highest delta V
delta	842	*	AB ASSOC LONG DELTA V
delta-v	361	*	BASIS FOR TOTAL DELTA-V
delta-v	362	*	TOTAL DELTA-V
delta-v	363	*	LONG COMPONENT DELTA-V
delta-v	364	*	LAT COMPONENT DELTA-V
delta-v	530	*	HIGHEST DELTA-V - "L"
delta-v	531	*	HIGHEST DELTA-V - "C1"
delta-v	532	*	HIGHEST DELTA-V - "C2"
delta-v	533	*	HIGHEST DELTA-V - "C3"
delta-v	534	*	HIGHEST DELTA-V - "C4"
delta-v	535	*	HIGHEST DELTA-V - "C5"
delta-v	536	*	HIGHEST DELTA-V - "C6"
delta-v	537	*	HIGHEST DELTA-V - "D"
delta-v	538	*	SECOND DELTA-V - "L"
delta-v	539	*	SECOND DELTA-V - "C1"
delta-v	540	*	SECOND DELTA-V - "C2"
delta-v	541	*	SECOND DELTA-V - "C3"
delta-v	542	*	SECOND DELTA-V - "C4"
delta-v	543	*	SECOND DELTA-V - "C5"
delta-v	544	*	SECOND DELTA-V - "C6"
delta-v	545	*	SECOND DELTA-V - "D"
delta-v	841	3	Other noncoded delta-V (specify)
departed	378	4	Departed roadway
departure	376	14	End departure
deploy	399	*	AIR BAG DEPLOY 1ST SEAT
deploy	400	*	AIR BAG DEPLOY OTH SEAT
deploy	835	*	AIR BAG DEPLOY/OTHER
deploy	837	*	AB DEPLOY/PREVIOUS ACC
deploy	841	*	CDC OF AIR BAG DEPLOY
deployed	399	1	No air bags deployed
deployed	400	1	Deployed during accident (as a result of
deployed	831	2	Deployed
deployed	833	1	Air bag deployed during accident (as a r
deployed	835	1	Air bag deployed during accident (as a r
deployed	840	96	Deployed, unknown event
deployed	841	6	Deployed, unknown event
deployed	843	3	Deployed, unknown if flap(s) opened at d
deployed	844	3	Deployed, unknown if air bag module cove
deployed	845	96	Deployed, unknown if damaged
deployed	846	96	Deployed, unknown if damaged
deployed	847	3	Deployed, unknown if tethered
deployed	848	3	Deployed, unknown if vent ports present
deployed	849	3	Deployed, unknown if other occupant cont
deployed	850	4	Deployed, unknown if eyewear worn
deployment	833	*	AIR BAG DEPLOYMENT
deployment	837	2	Previous accident(s) without deployment(
derivative	309	13	Three-wheel automobile or automobile der
derivative	351	13	Three-wheel automobile or automobile der
designated	843	3	Deployed, unknown if flap(s) opened at d
designed	309	50	School bus (designed to carry students,
designed	351	50	School bus (designed to carry students,
destroyed	820	1	Belt removed/destroyed
destroyed	821	0	None used, not available, or belt remove

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
destroyed	825	4	Automatic belts destroyed or rendered in
destroyed	826	0	Not equipped/not available/destroyed or
destroyed	876	0	Not equipped/not available/destroyed or
detachment	920	7	G - Detachment, separation
determination	876	*	BELT USE DETERMINATION
determine	401	14	N - If unable to determine
device	374	9	While using other device/controls integr
device	389	*	TRAFFIC CONTROL DEVICE
device	390	*	CONTROL DEVICE FUNCTION
device	915	402	Steering control devices (attached to OE
dialing	374	6	While dialing cellular phone (specify lo
diamond	307	81	Diamond Reo, Reo
died	863	6	Died prior to accident
diesel	336	4	D - Diesel
diesel	562	2	Diesel
diesel	563	2	Diesel
digestive	921	4	D - Digestive
direct	566	*	DIRECT DAMAGE WIDTH
direct	917	*	DIRECT/INDIRECT INJURY
direction	118	5	Sideswipe, same direction
direction	357	*	DIRECTION OF INITIAL ROL
direction	376	19	Unknown travel direction
direction	508	*	DIRECTION OF FORCE (1)
direction	520	*	DIRECTION OF FORCE (2)
direction	709	*	CRUSH DIRECTION (1)
direction	713	*	CRUSH DIRECTION (2)
direction	717	*	CRUSH DIRECTION (3)
direction	721	*	CRUSH DIRECTION (4)
direction	725	*	CRUSH DIRECTION (5)
direction	729	*	CRUSH DIRECTION (6)
direction	733	*	CRUSH DIRECTION (7)
direction	737	*	CRUSH DIRECTION (8)
direction	741	*	CRUSH DIRECTION (9)
direction	745	*	CRUSH DIRECTION (10)
dirt	385	5	Dirt
dirt	386	5	Sand, dirt or oil
disabled	375	7	Disabled or parked in travel lane
disabling	376	3	Disabling vehicle failure (e.g. wheel fe
discharge	908	2	Hospital/medical records other than emer
disconnected	209	78	Trailer, disconnected in transport
disconnected	355	78	Trailer, disconnected in transport
disconnected	507	78	Trailer, disconnected in transport
disconnected	519	78	Trailer, disconnected in transport
disconnected	826	2	Automatic belt not in use (manually disc
disconnected	832	2	Air bag disconnected
disconnected	834	2	Air bag disconnected (specify)
disease	111	2	Fatal - ruled disease
disease	402	2	Fatal - ruled disease
disease	864	2	Fatal - ruled disease
disease	868	96	Fatal - ruled disease
disease	869	97	Other result (includes fatal ruled disea
disease	870	97	Other result (includes fatal ruled disea
disease	871	97	Other result (includes fatal ruled disea
disintegrated	617	6	Glazing disintegrated from impact forces
disintegrated	618	6	Glazing disintegrated from impact forces
disintegrated	619	6	Glazing disintegrated from impact forces
disintegrated	620	6	Glazing disintegrated from impact forces

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
disintegrated	621	6	Glazing disintegrated from impact forces
disintegrated	622	6	Glazing disintegrated from impact forces
disintegrated	623	6	Glazing disintegrated from impact forces
disintegrated	624	6	Glazing disintegrated from impact forces
disintegrated	625	8	Glazing disintegrated by occupant contac
disintegrated	626	8	Glazing disintegrated by occupant contac
disintegrated	627	8	Glazing disintegrated by occupant contac
disintegrated	628	8	Glazing disintegrated by occupant contac
disintegrated	629	8	Glazing disintegrated by occupant contac
disintegrated	630	8	Glazing disintegrated by occupant contac
disintegrated	631	8	Glazing disintegrated by occupant contac
disintegrated	632	8	Glazing disintegrated by occupant contac
dislocation	920	4	D - Dislocation
displace	349	*	MTRCYCLE ENGINE DISPLACE
disposition	323	*	VEHICLE DISPOSITION
disposition	547	*	VEHICLE DISPOSITION
distracted	374	1	Attentive or not distracted
distraction	374	*	DISTRACTION TO DRIVING
distribution	512	*	TYPE OF DISTRIB (1)
distribution	517	*	TYPE OF DISTRIB (1)-NUM
distribution	524	*	TYPE OF DISTRIB (2)
distribution	529	*	TYPE OF DISTRIB (2)-NUM
ditch	209	60	Ditch or culvert
ditch	355	60	Ditch or culvert
ditch	507	60	Ditch or culvert
ditch	519	60	Ditch or culvert
divided	354	4	On roadside or divided trafficway median
divided	381	0	Not physically divided (two way trafficw
documented	918	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	351	7	Hatchback, number of doors unknown
door	606	2	Door (side)
door	607	*	DOOR/GATE/HATCH OPN - LF
door	608	*	DOOR/GATE/HATCH OPN - RF
door	609	*	DOOR/GATE/HATCH OPN - LR
door	610	*	DOOR/GATE/HATCH OPN - RR
door	611	*	DOOR/GATE/HATCH OPN - TG
door	612	*	DOOR/GATE/HATCH DAM - LF
door	613	*	DOOR/GATE/HATCH DAM - RF
door	614	*	DOOR/GATE/HATCH DAM - LR
door	615	*	DOOR/GATE/HATCH DAM - RR
door	616	*	DOOR/GATE/HATCH DAM - TG
door	707	11	Door panel (side)
door	711	11	Door panel (side)
door	715	11	Door panel (side)
door	719	11	Door panel (side)
door	723	11	Door panel (side)
door	727	11	Door panel (side)
door	731	11	Door panel (side)
door	735	11	Door panel (side)
door	739	11	Door panel (side)
door	743	11	Door panel (side)
door	755	*	GLOVE COMPART DOOR OPEN
door	816	1	Door/hatch/tailgate
door	818	2	Could not exit vehicle due to jammed doo

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
door	915	13	Glove compartment door
down	747	4	Between center and full down
down	824	4	In full down position
down	915	167	Fold down armrest - first row
downhill	384	4	Downhill grade (> 2%)
d-pillar	707	9	D-pillar
d-pillar	711	9	D-pillar
d-pillar	715	9	D-pillar
d-pillar	719	9	D-pillar
d-pillar	723	9	D-pillar
d-pillar	727	9	D-pillar
d-pillar	731	9	D-pillar
d-pillar	735	9	D-pillar
d-pillar	739	9	D-pillar
d-pillar	743	9	D-pillar
drinking	374	13	Eating or drinking
drive	331	*	FOUR WHEEL DRIVE
drive	332	*	FRONT WHEEL DRIVE
drive	333	*	FRONT/REAR WHEEL DRIVE
drive	334	*	# WHEELS/# DRIVE WHEELS
driver	371	99	Unknown or no driver present
driver	374	0	No driver present
driver	375	0	No driver present
driver	377	0	No driver present
driver	378	0	No driver present
driver	379	0	No driver present
driver	391	*	DRIVER PRESENCE
driver	392	8	No driver present
driver	393	98	No driver present
driver	394	8	No driver present
driver	395	8	No driver present
driver	396	0	Driver not present
driver	397	0	Driver not present
driver	399	2	Driver air bag deployed
driver	401	2	B - Driver front air bag / passenger sid
driver	811	1	Driver
driver	876	3	Driver/occupant interview
driver	915	170	Air bag - driver side
driver-side	401	24	X - Dual air bags front / side air bag,
driveway	376	70	From driveway - turning into same direct
driveway	380	3	Driveway, alley access related
driving	374	*	DISTRACTION TO DRIVING
driving	388	0	No adverse atmospheric-related driving c
driving	756	0	No adaptive driving equipment
dropped	879	9	Variable dropped in 2000
drug	117	*	DRUG INVOLVEMENT
drug	394	*	OTHER DRUG PRESENCE
drug	395	*	OTH DRUG - SPECIMEN TEST
dry	386	1	Dry
dual	401	3	C - Dual front air bags / belt system un
ducati	307	71	Ducati
dump	309	40	Cab chassis based (includes rescue vehic
dump	351	40	Cab chassis based (includes rescue vehic
dune	309	90	ATV (all terrain vehicle including dune/
dune	351	90	ATV (all terrain vehicle including dune/
dusk	387	5	Dusk
dust	388	7	Other (e.g. smog, smoke, blowing sand or

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
e100	562	7	Ethanol (E100 or E85)
e100	563	7	Ethanol (E100 or E85)
e85	562	7	Ethanol (E100 or E85)
e85	563	7	Ethanol (E100 or E85)
eagle	307	10	Eagle
ear	921	5	E - Ears
easily	336	3	C - Gasoline engine that can be easily c
eating	374	13	Eating or drinking
econoline	309	21	Large van (Sportsman, Royal, Ram, Chevy
econoline	351	21	Large van (Sportsman, Royal, Ram, Chevy
edge	376	12	Off the edge of the road on the left sid
edge	915	502	Hood edge
effort	915	404	Low effort power steering (unit or devic
efforts	846	7	Rescue or emergency efforts
ejected	819	5	Occupant fully ejected
ejection	814	*	EJECTION
ejection	815	*	EJECTION AREA
ejection	816	*	EJECTION MEDIUM
ejection	817	0	No ejection
elbow	919	5	E - Elbow
electric	336	2	B - Electric and gasoline hybrid engine
electrical	400	4	Deployed as a result of a noncollision e
electrical	552	0	No fuel tank (electrical vehicle)
electrical	553	0	No fuel tank (electrical vehicle)
electrical	833	4	Air bag deployed as a result of a noncol
electrical	835	4	Air bag deployed as a result of a noncol
electronically	335	7	G - 1 barrel, electronically controlled
eleven	352	11	Rollover - eleven quarter turns
embankment	209	44	Embankment
embankment	355	44	Embankment
embankment	507	44	Embankment
embankment	519	44	Embankment
emergency	846	7	Rescue or emergency efforts
emergency	908	2	Hospital/medical records other than emer
emission	560	6	Vent/emission recovery
emission	561	6	Vent/emission recovery
enclosed	706	98	Other enclosed area
enclosed	710	98	Other enclosed area
enclosed	714	98	Other enclosed area
enclosed	718	98	Other enclosed area
enclosed	722	98	Other enclosed area
enclosed	726	98	Other enclosed area
enclosed	730	98	Other enclosed area
enclosed	734	98	Other enclosed area
enclosed	738	98	Other enclosed area
enclosed	742	98	Other enclosed area
encroachment	376	78	Encroachment by other vehicle - details
endocrine	921	20	T - Thyroid, other endocrine gland
end-over-end	209	31	Overturn - rollover (excludes end-over-e
end-over-end	328	0	No override/underride, or not an end-ove
end-over-end	329	0	No override/underride, or not end-over-e
end-over-end	352	98	Rollover - end-over-end
end-over-end	353	98	Rollover - end-over-end
end-over-end	354	8	Rollover -- end-over-end
end-over-end	355	32	No rollover impact initiation (end-over-
end-over-end	356	8	Rollover -- end-over-end
end-over-end	357	8	Rollover -- end-over-end (i.e., primaril

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
end-over-end	507	31	Overturn - rollover (excludes end-over-e
end-over-end	519	31	Overturn - rollover (excludes end-over-e
energy	365	*	ENERGY ABSORPTION
engine	336	2	B - Electric and gasoline hybrid engine
engine	349	*	MTRCYCLE ENGINE DISPLACE
engine	376	2	Stalled engine
engine	551	4	Engine compartment
engine	915	574	Engine shroud/cover
entered	378	7	Entered roadway
entering	375	9	Entering a parked position
entrance	376	74	From entrance to limited access highway
entrapment	818	*	ENTRAPMENT
entrapped	818	0	Not entrapped/exit not inhibited
environment	707	32	Other exterior object in the environment
environment	711	32	Other exterior object in the environment
environment	715	32	Other exterior object in the environment
environment	719	32	Other exterior object in the environment
environment	723	32	Other exterior object in the environment
environment	727	32	Other exterior object in the environment
environment	731	32	Other exterior object in the environment
environment	735	32	Other exterior object in the environment
environment	739	32	Other exterior object in the environment
environment	743	32	Other exterior object in the environment
equipment	309	92	Farm equipment other than trucks
equipment	351	92	Farm equipment
equipment	756	0	No adaptive driving equipment
equipment	915	9	Add-on equipment (e.g., tape deck, air c
equivalent	366	*	BARRIER EQUIVALENT SPEED
eskimo	397	5	American Indian, Eskimo or Aleut
estimate	367	*	EST HIGHEST DELTA V
ethanol	336	8	H - Ethanol fuel only
ethanol	562	7	Ethanol (E100 or E85)
ethanol	563	7	Ethanol (E100 or E85)
ethnic	397	*	DRIVER'S RACE/ETHNIC
event	110	*	NUM EVENTS RECORDED
event	203	2	Event record
event	205	*	EVENT SEQUENCE NUMBER
event	209	98	Other event
event	355	98	Other event
event	374	12	Distracted by outside person, object, or
event	375	17	Successful avoidance maneuver to a previ
event	376	*	CRITICAL PRECRASH EVENT
event	400	4	Deployed as a result of a noncollision e
event	408	*	DELTA V EVENT NUMBER
event	506	0	No event
event	507	0	No event or CDC applicable
event	513	0	No event
event	518	0	No event
event	519	0	No event or not CDC applicable
event	525	0	No event
event	833	4	Air bag deployed as a result of a noncol
event	835	4	Air bag deployed as a result of a noncol
event	840	*	AIR BAG EVENT NUMBER
event	841	6	Deployed, unknown event
evident	322	1	Vehicle fully repaired - no damage evide
excluding	309	6	Station Wagon (excluding van and truck b
excluding	351	6	Station Wagon (excluding van and truck b

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
excluding	915	51	Left side interior surface (excluding ha
exhaust	551	2	Exhaust system
exhaust	915	604	Air bag exhaust gases
exit	818	0	Not entrapped/exit not inhibited
exited	819	3	Exited from vehicle with some assistance
explosion	209	33	Fire or explosion
explosion	400	4	Deployed as a result of a noncollision e
explosion	507	33	Fire or explosion
explosion	519	33	Fire or explosion
explosion	833	4	Air bag deployed as a result of a noncol
explosion	835	4	Air bag deployed as a result of a noncol
extent	513	*	DEFORMATION EXTENT (1)
extent	525	*	DEFORMATION EXTENT (2)
exterior	503	6	Exterior Damage record
exterior	551	1	Vehicle exterior (front, side, back, top
exterior	707	32	Other exterior object in the environment
exterior	711	32	Other exterior object in the environment
exterior	715	32	Other exterior object in the environment
exterior	719	32	Other exterior object in the environment
exterior	723	32	Other exterior object in the environment
exterior	727	32	Other exterior object in the environment
exterior	731	32	Other exterior object in the environment
exterior	735	32	Other exterior object in the environment
exterior	739	32	Other exterior object in the environment
exterior	743	32	Other exterior object in the environment
exterior	915	17	Windshield reinforced by exterior object
extremity	909	7	Upper Extremity
eye	921	15	O - Eye
eyeglasses	850	2	Eyeglasses/sunglasses
eyewear	850	*	EYEWEAR WORN
eyewear	915	171	Air bag - driver side and eyewear
face	909	2	Face
face	919	6	F - Face
facility	111	8	Transported to a medical facility - unkn
facility	864	8	Transported to a medical facility - unkn
facility	865	*	TYPE OF MEDICAL FACILITY
facility	873	1	Injured - not treated at medical facilit
facing	853	1	Forward facing seat
facing	859	1	Rear facing
factor	116	*	RATIO INFLATION FACTOR
failed	856	2	Seat adjusters failed
failure	376	3	Disabling vehicle failure (e.g. wheel fe
failure	558	2	Deformed, no seam failure
failure	559	2	Deformed, no seam failure
failure	612	2	Latch/striker failure due to damage
failure	613	2	Latch/striker failure due to damage
failure	614	2	Latch/striker failure due to damage
failure	615	2	Latch/striker failure due to damage
failure	616	2	Latch/striker failure due to damage
failure	823	*	MANUAL BELT FAILURE
failure	829	*	AUTO BELT FAILURE MODES
failure	836	*	AIR BAG SYSTEM FAILURE
failure	856	1	No seat performance failure(s)
fall-over	353	5	Fall-over
fall-over	355	31	Turn-over - fall-over
farm	309	92	Farm equipment other than trucks
farm	351	92	Farm equipment

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
fast	376	6	Traveling too fast for conditions
fatal	111	1	Fatal
fatal	402	1	Fatal
fatal	819	0	Occupant fatal before removed from vehic
fatal	863	4	K - fatal injury
fatal	864	1	Fatal
fatal	868	0	Not fatal
fatal	869	0	Not fatal or no additional causes
fatal	870	0	Not fatal or no additional causes
fatal	871	0	Not fatal or no additional causes
fatally	867	62	Fatally injured
february	106	2	February
feet	813	7	Bracing with feet or hands on a surface
fell	209	79	Object fell from vehicle in transport
fell	355	79	Object fell from vehicle in-transport
fell	374	11	Sleepy or fell asleep
fell	376	3	Disabling vehicle failure (e.g. wheel fe
fell	507	79	Object fell from vehicle in transport
fell	519	79	Object fell from vehicle in transport
female	808	2	Female - not reported pregnant
fence	209	57	Fence
fence	355	57	Fence
fence	507	57	Fence
fence	519	57	Fence
fiat	307	36	Fiat
fifteen	352	15	Rollover - fifteen quarter turns
filter	560	5	Lines/pump/filter
filter	561	5	Lines/pump/filter
fire	120	*	IMPACT FIRES
fire	209	33	Fire or explosion
fire	327	7	Fire truck or car
fire	355	62	Fire hydrant
fire	400	4	Deployed as a result of a noncollision e
fire	507	33	Fire or explosion
fire	519	33	Fire or explosion
fire	550	*	FIRE OCCURRENCE
fire	551	*	ORIGIN OF FIRE
fire	818	2	Could not exit vehicle due to jammed doo
fire	833	4	Air bag deployed as a result of a noncol
fire	835	4	Air bag deployed as a result of a noncol
fire	846	5	Fire in vehicle
fire	915	601	Fire in vehicle
fixed	209	68	Other fixed object
fixed	355	68	Other fixed object
fixed	507	68	Other fixed object
fixed	519	68	Other fixed object
fixed	641	1	Fixed
fixed	642	1	Fixed
fixed	643	1	Fixed
fixed	644	1	Fixed
fixed	645	1	Fixed
fixed	646	1	Fixed
fixed	647	1	Fixed
fixed	648	1	Fixed
fixed	746	1	Fixed column
fixed	816	3	Fixed glazing
flap	843	*	AB FLAPS OPEN CORRECTLY

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
flap	844	*	AB FLAPS DAMAGED
flat	376	1	Blow out or flat tire
flew	376	4	Nondisabling vehicle problem (e.g. hood
flexible	336	6	F - Flexible fuel
flip-over	353	2	Flip-over
floor	707	18	Floor pan (includes sill)
floor	711	18	Floor pan (includes sill)
floor	715	18	Floor pan (includes sill)
floor	719	18	Floor pan (includes sill)
floor	723	18	Floor pan (includes sill)
floor	727	18	Floor pan (includes sill)
floor	731	18	Floor pan (includes sill)
floor	735	18	Floor pan (includes sill)
floor	739	18	Floor pan (includes sill)
floor	743	18	Floor pan (includes sill)
floor	915	251	Floor including toe pan
flow	381	*	TRAFFICWAY FLOW
flying	915	602	Flying glass
fog	388	4	Fog
fold	915	167	Fold down armrest - first row
folding	852	2	Bucket with folding back
folding	856	3	Seat back folding locks or "seat back" f
following	564	3	Yes, damage to additional tank or filler
foot	915	254	Foot controls (including parking brake)
foot	919	17	Q - Ankle - foot
force	356	*	PRIN TRIP FORCE APPLIED
force	508	*	DIRECTION OF FORCE (1)
force	520	*	DIRECTION OF FORCE (2)
ford	307	12	Ford
ford	336	7	G - Gas (ie Ford engine methanol fuel is
forearm	919	18	R - Forearm
foreign	307	69	Other foreign
form	105	*	NUM GEN VEH FORMS SUBMIT
form	407	*	NUMBER OCCUPANT FORMS
found	395	1	Drug(s) not found in specimen
fourteen	352	14	Rollover - fourteen quarter turns
fracture	920	6	F - Fracture
frame	707	17	Window frame
frame	711	17	Window frame
frame	715	17	Window frame
frame	719	17	Window frame
frame	723	17	Window frame
frame	727	17	Window frame
frame	731	17	Window frame
frame	735	17	Window frame
frame	739	17	Window frame
frame	743	17	Window frame
frame	915	57	Left side window frame
freightliner	307	82	Freightliner/White Freightliner/White
friday	108	6	Friday
front	208	1	(F) Front
front	211	1	(F) Front
front	328	*	FRONT OVERRIDE/UNDERRIDE
front	332	*	FRONT WHEEL DRIVE
front	333	*	FRONT/REAR WHEEL DRIVE
front	401	2	B - Driver front air bag / passenger sid
front	514	6	F - Front

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Item	Var	CV	Variable Name or Code Value
front	526	6	F - Front
front	551	1	Vehicle exterior (front, side, back, top
front	706	11	Front row - left
front	707	20	Front seat back
front	710	11	Front row - left
front	711	20	Front seat back
front	714	11	Front row - left
front	715	20	Front seat back
front	718	11	Front row - left
front	719	20	Front seat back
front	722	11	Front row - left
front	723	20	Front seat back
front	726	11	Front row - left
front	727	20	Front seat back
front	730	11	Front row - left
front	731	20	Front seat back
front	734	11	Front row - left
front	735	20	Front seat back
front	738	11	Front row - left
front	739	20	Front seat back
front	742	11	Front row - left
front	743	20	Front seat back
front	812	11	Front seat - left side (driver's side)
front	813	3	Kneeling, standing or sitting in front o
front	815	2	Left front
front	915	15	Windshield +: front header,A-pillar (A1/
fuel	335	6	F - Unknown, fuel injection rating code
fuel	336	*	FUEL CODE
fuel	551	3	Fuel tank (and other fuel retention syst
fuel	552	*	TYPE OF FUEL TANK 1
fuel	553	*	TYPE OF FUEL TANK 2
fuel	554	*	FUEL TANK 1 LOCATION
fuel	555	*	FUEL TANK 2 LOCATION
fuel	556	*	FUEL TANK 1 FILLER CAP
fuel	557	*	FUEL TANK 2 FILLER CAP
fuel	558	*	FUEL TANK 1 DAMAGE
fuel	559	*	FUEL TANK 2 DAMAGE
fuel	560	*	LOCATION OF FUEL 1 LEAK
fuel	561	*	LOCATION OF FUEL 2 LEAK
fuel	562	*	FUEL TYPE 1
fuel	563	*	FUEL TYPE 2
fuel	564	*	MORE THAN 2 FUEL TANKS
full	207	4	Full size (wheelbase => 278 but < 291 cm
full	210	4	Full size (wheelbase => 278 but < 291 cm
full	747	1	Full up
full	748	1	Full back
full	824	2	In full upright position
fullsize	309	15	Large utility (includes Jeep Cherokee, R
fullsize	351	15	Large utility (includes Jeep Cherokee, R
fun	831	*	AIR BAG AVAIL/FUN POLICE
function	390	*	CONTROL DEVICE FUNCTION
function	831	1	Police did not indicate air bag availabi
function	832	*	AIR BAG AVAIL/FUNCTION
functioning	390	1	Traffic control device not functioning
funeral	327	8	Other (i.e. funeral hearse)
fwd	307	83	FWD
gas	336	3	C - Gasoline engine that can be easily c

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
gas	562	3	CNG (Compressed Natural Gas)
gas	563	3	CNG (Compressed Natural Gas)
gaseous	336	3	C - Gasoline engine that can be easily c
gases	875	*	ARTERIAL BLOOD GASES
gases	915	604	Air bag exhaust gases
gasoline	336	2	B - Electric and gasoline hybrid engine
gasoline	562	1	Gasoline
gasoline	563	1	Gasoline
gate	607	*	DOOR/GATE/HATCH OPN - LF
gate	608	*	DOOR/GATE/HATCH OPN - RF
gate	609	*	DOOR/GATE/HATCH OPN - LR
gate	610	*	DOOR/GATE/HATCH OPN - RR
gate	611	*	DOOR/GATE/HATCH OPN - TG
gate	612	*	DOOR/GATE/HATCH DAM - LF
gate	613	*	DOOR/GATE/HATCH DAM - RF
gate	614	*	DOOR/GATE/HATCH DAM - LR
gate	615	*	DOOR/GATE/HATCH DAM - RR
gate	616	*	DOOR/GATE/HATCH DAM - TG
gcs	873	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
gland	921	20	T - Thyroid, other endocrine gland
glasgow	873	*	GLASGOW COMA SCALE SCORE
glass	606	5	Roof glass
glass	633	6	AS-14 - Glass/plastic
glass	634	6	AS-14 - Glass/plastic
glass	635	6	AS-14 - Glass/plastic
glass	636	6	AS-14 - Glass/plastic
glass	637	6	AS-14 - Glass/plastic
glass	638	6	AS-14 - Glass/plastic
glass	639	6	AS-14 - Glass/plastic
glass	640	6	AS-14 - Glass/plastic
glass	915	56	Left side window glass
glazing	617	*	IMPACT GLAZING DAM - WS
glazing	618	*	IMPACT GLAZING DAM - LF
glazing	619	*	IMPACT GLAZING DAM - RF
glazing	620	*	IMPACT GLAZING DAM - LR
glazing	621	*	IMPACT GLAZING DAM - RR
glazing	622	*	IMPACT GLAZING DAM - BL
glazing	623	*	IMPACT GLAZING DAM - RO
glazing	624	*	IMPACT GLAZING DAM - OTH
glazing	625	*	CONTACT GLAZING DAM - WS
glazing	626	*	CONTACT GLAZING DAM - LF
glazing	627	*	CONTACT GLAZING DAM - RF
glazing	628	*	CONTACT GLAZING DAM - LR
glazing	629	*	CONTACT GLAZING DAM - RR
glazing	630	*	CONTACT GLAZING DAM - BL
glazing	631	*	CONTACT GLAZING DAM - RO
glazing	632	*	CONTACT GLAZING DAM - OT
glazing	633	*	TYPE OF GLAZING - WS
glazing	634	*	TYPE OF GLAZING - LF
glazing	635	*	TYPE OF GLAZING - RF
glazing	636	*	TYPE OF GLAZING - LR
glazing	637	*	TYPE OF GLAZING - RR

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
glazing	638	*	TYPE OF GLAZING - BL
glazing	639	*	TYPE OF GLAZING - RO
glazing	640	*	TYPE OF GLAZING - OT
glazing	641	0	No glazing
glazing	642	0	No glazing
glazing	643	0	No glazing
glazing	644	0	No glazing
glazing	645	0	No glazing
glazing	646	0	No glazing
glazing	647	0	No glazing
glazing	648	0	No glazing
glazing	816	3	Fixed glazing
glove	755	*	GLOVE COMPART DOOR OPEN
glove	915	13	Glove compartment door
gmc	307	23	GMC
gmc	309	16	Utility station wagon (Chevy Suburban,GM
gmc	351	16	Utility station wagon (Chevy Suburban,GM
grab	915	573	Grab handles
grade	384	2	Uphill grade (> 2%)
grand	309	16	Utility station wagon (Chevy Suburban,GM
grand	351	16	Utility station wagon (Chevy Suburban,GM
gravel	385	4	Slag, gravel or stone
ground	209	61	Ground
ground	355	61	Ground
ground	507	61	Ground
ground	519	61	Ground
ground	915	551	Ground
grumman	307	25	Grumman
guardrail	209	56	Other traffic barrier (includes guardrai
guardrail	355	56	Other traffic barrier (includes guardrai
guardrail	507	56	Other traffic barrier (includes guardrai
guardrail	519	56	Other traffic barrier (includes guardrai
hail	388	2	Sleet/hail
hand	813	7	Bracing with feet or hands on a surface
hand	915	401	Hand controls for braking/acceleration
hand	919	23	W - Wrist - hand
handle	915	253	Parking brake handle
handles	915	573	Grab handles
hardtop	309	2	2-door sedan, hardtop, coupe
hardtop	351	2	2-door sedan, hardtop, coupe
hardware	915	51	Left side interior surface (excluding ha
harley-davidson	307	72	Harley-Davidson
harness	860	*	CHILD SEAT HARNESS USE
harvester	307	84	International Harvester/Navistar
hatch	606	3	Door/hatch (back door)
hatch	607	*	DOOR/GATE/HATCH OPN - LF
hatch	608	*	DOOR/GATE/HATCH OPN - RF
hatch	609	*	DOOR/GATE/HATCH OPN - LR
hatch	610	*	DOOR/GATE/HATCH OPN - RR
hatch	611	*	DOOR/GATE/HATCH OPN - TG
hatch	612	*	DOOR/GATE/HATCH DAM - LF
hatch	613	*	DOOR/GATE/HATCH DAM - RF
hatch	614	*	DOOR/GATE/HATCH DAM - LR
hatch	615	*	DOOR/GATE/HATCH DAM - RR
hatch	616	*	DOOR/GATE/HATCH DAM - TG
hatch	816	1	Door/hatch/tailgate
hatchback	309	3	3-door/2-door hatchback

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
hatchback	351	3	3-door/2-door hatchback
hco3	875	96	ABGs reported, HCO3 unknown
head	401	8	H - Dual air bags front, head and sides
head	851	*	HEAD RESTRAINT TYPE/DAM
head	909	1	Head
head	911	6	Head - LOC (Level of Consciousness)
head	915	155	Head restraint system
head	919	8	H - Head - skull
heading	358	*	HEADING ANGLE - THIS VEH
heading	359	*	HEADING ANGLE - OTH VEH
head-on	118	2	Head-on
healey	307	33	Austin/Austin Healey
hearse	309	11	Auto based panel (cargo station wagon, i
hearse	327	8	Other (i.e. funeral hearse)
hearse	351	11	Auto based panel (cargo station wagon, i
heart	921	8	H - Heart
heavy	207	78	Unknown medium/heavy truck type
heavy	209	71	Medium/heavy truck or bus not in-transpo
heavy	210	78	Unknown medium/heavy truck type
heavy	309	65	Medium/heavy truck based motorhome
heavy	328	7	Medium or heavy truck override or underr
heavy	329	7	Medium or heavy truck override or underr
heavy	351	65	Medium/heavy truck based motorhome
heavy	355	71	Medium/heavy truck or bus not in-transpo
heavy	507	71	Medium/heavy truck or bus not in-transpo
heavy	519	71	Medium/heavy truck or bus not in-transpo
height	809	*	HEIGHT
hi-cube	309	28	Other van type (Hi-Cube Van, Kary)
hi-cube	351	28	Other van type (Hi-Cube Van, Kary)
high	335	5	E - Turbo high HP
high	360	2	Collision fits model - results appear hi
higher	335	2	B - Higher HP, 1 barrel carburetor
higher	376	53	Traveling in same direction with higher
highest	367	*	EST HIGHEST DELTA V
highest	373	0	Not collision (for highest delta V) with
highest	530	*	HIGHEST DELTA-V - "L"
highest	531	*	HIGHEST DELTA-V - "C1"
highest	532	*	HIGHEST DELTA-V - "C2"
highest	533	*	HIGHEST DELTA-V - "C3"
highest	534	*	HIGHEST DELTA-V - "C4"
highest	535	*	HIGHEST DELTA-V - "C5"
highest	536	*	HIGHEST DELTA-V - "C6"
highest	537	*	HIGHEST DELTA-V - "D"
highest	565	998	No highest severity end plane impact
highest	841	1	Highest delta V
highway	376	74	From entrance to limited access highway
hillcrest	384	3	Hillcrest
hinge	612	3	Hinge failure due to damage
hinge	613	3	Hinge failure due to damage
hinge	614	3	Hinge failure due to damage
hinge	615	3	Hinge failure due to damage
hinge	616	3	Hinge failure due to damage
hip	919	16	P - Pelvis - hip
hispanic	397	3	White (Hispanic)
hitting	350	998	Not applicable (most severe impact not w
hitting	351	98	Not applicable (most severe impact not w
holed	617	3	Glazing in place and holed from impact f

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
holed	618	3	Glazing in place and holed from impact f
holed	619	3	Glazing in place and holed from impact f
holed	620	3	Glazing in place and holed from impact f
holed	621	3	Glazing in place and holed from impact f
holed	622	3	Glazing in place and holed from impact f
holed	623	3	Glazing in place and holed from impact f
holed	624	3	Glazing in place and holed from impact f
holed	625	4	Glazing in place and holed by occupant c
holed	626	4	Glazing in place and holed by occupant c
holed	627	4	Glazing in place and holed by occupant c
holed	628	4	Glazing in place and holed by occupant c
holed	629	4	Glazing in place and holed by occupant c
holed	630	4	Glazing in place and holed by occupant c
holed	631	4	Glazing in place and holed by occupant c
holed	632	4	Glazing in place and holed by occupant c
holed	845	5	Holed
honda	307	37	Honda
hood	376	4	Nondisabling vehicle problem (e.g. hood
hood	707	30	Hood
hood	711	30	Hood
hood	715	30	Hood
hood	719	30	Hood
hood	723	30	Hood
hood	727	30	Hood
hood	731	30	Hood
hood	735	30	Hood
hood	739	30	Hood
hood	743	30	Hood
hood	915	451	Hood
horizontal	568	998	Non horizontal impact
horizontal	569	998	Non horizontal impact
hospital	865	2	Hospital
hospital	866	*	HOSPITAL STAY
hospital	908	1	Autopsy records with or without hospital
hospitalization	111	3	Hospitalization
hospitalization	402	3	Hospitalization
hospitalized	864	3	Hospitalized
hospitalized	866	0	Not hospitalized
hour	868	1	Less than 1 and 1/2 hours from the time
hp	335	1	A - Lower HP
hub	915	5	Steering wheel hub/spoke
hybrid	336	2	B - Electric and gasoline hybrid engine
hybrid	562	98	Other Hybrid
hybrid	563	98	Other Hybrid
hydrant	209	62	Fire hydrant
hydrant	355	62	Fire hydrant
hydrant	507	62	Fire hydrant
hydrant	519	62	Fire hydrant
hydrogen	562	8	Other (Hydrogen or others)
hydrogen	563	8	Other (Hydrogen or others)
hyundai	307	55	Hyundai
ice	376	5	Poor road conditions (puddle, pothole, i
ice	386	4	Ice
impact	120	*	IMPACT FIRES
impact	209	55	Impact attenuator
impact	350	998	Not applicable (most severe impact not w
impact	351	98	Not applicable (most severe impact not w

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
impact	355	32	No rollover impact initiation (end-over-
impact	358	996	Nonhorizontal impact
impact	359	996	Nonhorizontal impact
impact	370	*	IMPACT SPEED
impact	371	0	No impact
impact	400	1	Deployed during accident (as a result of
impact	507	55	Impact attenuator
impact	517	11	K - Conversion in impact type
impact	519	55	Impact attenuator
impact	529	11	K - Conversion in impact type
impact	565	998	No highest severity end plane impact
impact	568	998	Non horizontal impact
impact	569	998	Non horizontal impact
impact	617	*	IMPACT GLAZING DAM - WS
impact	618	*	IMPACT GLAZING DAM - LF
impact	619	*	IMPACT GLAZING DAM - RF
impact	620	*	IMPACT GLAZING DAM - LR
impact	621	*	IMPACT GLAZING DAM - RR
impact	622	*	IMPACT GLAZING DAM - BL
impact	623	*	IMPACT GLAZING DAM - RO
impact	624	*	IMPACT GLAZING DAM - OTH
impact	833	1	Air bag deployed during accident (as a r
impact	835	1	Air bag deployed during accident (as a r
impact	856	5	Deformed by occupant impact
imperial	307	8	Imperial
improper	822	8	Other improper use of manual belt system
improper	828	8	Other improper use of automatic belt sys
improperly	822	7	Lap belt or lap and shoulder belt used i
improperly	828	7	Automatic lap and shoulder belt or autom
inadvertently	400	2	Deployed inadvertently just prior to acc
inadvertently	833	2	Air bag deployed inadvertently just prio
inadvertently	835	2	Air bag deployed inadvertently just prio
inattentive	374	97	Distracted/inattentive, details unknown
incapacitating	863	3	A - incapacitating injury
incline	855	*	SEAT BACK INCLINE
indian	397	5	American Indian, Eskimo or Aleut
indicate	830	1	Police did not indicate restraint use
indicate	831	1	Police did not indicate air bag availabi
indicated	830	9	Police indicated "unknown"
indicated	831	9	Police indicated "unknown"
indication	408	99	Unknown, no indication of Delta V coded,
indirect	917	*	DIRECT/INDIRECT INJURY
infant	858	1	Infant seat
inferior	910	8	Inferior
infiniti	307	58	Infiniti
inflation	116	*	RATIO INFLATION FACTOR
information	208	97	(blank) No information
information	211	97	(blank) No information
inhibited	818	0	Not entrapped/exit not inhibited
initial	357	*	DIRECTION OF INITIAL ROL
initiation	353	*	ROLLOVER INITIATION TYPE
initiation	354	*	LOCATION OF ROLLOVER INI
initiation	355	*	ROLLOVER INIT OBJ CONTAC
injected	335	20	T - 1,2,4 barrels, turbo fuel injected
injection	335	6	F - Unknown, fuel injection rating code
injured	112	0	Not injured
injured	114	*	NUM INJURED OCCUPANTS

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
injured	403	0	Not injured
injured	404	*	NUM SERIOUSLY INJURED
injured	405	*	NUMBER INJURED
injured	863	5	U - Injured - severity unknown
injured	867	62	Fatally injured
injured	872	97	Injured, details unknown
injured	873	0	Not injured
injured	875	0	Not injured
injured	877	0	Not injured
injured	878	0	Not injured
injured	914	7	Injured, unknown severity
injured	915	697	Injured, unknown source
injured	917	7	Injured, unknown source
injured	919	21	U - Injured - unknown region
injured	920	21	U - Injured - unknown lesion
injured	921	21	U - Injured - unknown system
injuries	819	2	Removed from vehicle due to perceived se
injuries	869	96	Mode of death given but specific injurie
injuries	870	96	Mode of death given but specific injurie
injuries	871	96	Mode of death given but specific injurie
injuries	872	*	NUM RECORDED INJURIES
injury	112	1	Minor injury
injury	113	*	NUM SERIOUSLY INJ OCC
injury	209	36	Noncollision injury
injury	403	1	Minor injury
injury	507	36	Noncollision injury
injury	519	36	Noncollision injury
injury	863	*	INJURY SEVERITY
injury	876	2	Official injury data
injury	877	1	Minor injury
injury	878	*	INJURY SEVERITY SCORE
injury	903	10	Occupant injury record
injury	907	*	INJURY NUMBER
injury	908	*	INJURY DATA SOURCE
injury	913	*	LEVEL OF INJURY
injury	914	1	Minor injury
injury	915	*	INJURY SOURCE
injury	917	*	DIRECT/INDIRECT INJURY
injury	918	0	No intrusion or injury not associated wi
inspection	322	*	TYPE OF VEH INSPECTION
inspection	361	0	No vehicle inspection
inspection	876	1	Vehicle inspection
installed	756	1	Adaptive driving equipment installed
installed	838	1	Original manufacturer installed system
instrument	551	6	Instrument panel
instrument	707	2	Instrument panel left
instrument	711	2	Instrument panel left
instrument	715	2	Instrument panel left
instrument	719	2	Instrument panel left
instrument	723	2	Instrument panel left
instrument	727	2	Instrument panel left
instrument	731	2	Instrument panel left
instrument	735	2	Instrument panel left
instrument	739	2	Instrument panel left
instrument	743	2	Instrument panel left
instrument	752	*	INSTRUMENT PANEL DAMAGE
instrument	915	10	Left instrument panel and below

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
insufficient	361	11	All vehs & collision conditions are with
integral	374	9	While using other device/controls integr
integral	816	5	Integral structure
integral	817	3	Integral structure
integral	851	1	Integral - no damage
integrity	606	*	PASS COMPART INTEGRITY
integumentary	921	9	I - Integumentary
intended	376	68	From crossing street - intended path not
interchange	380	*	RELATION TO INTERCHANGE
intercity	309	58	Other bus type (e.g., transit, intercity
intercity	351	58	Other bus type (e.g., transit, intercity
interior	603	7	Interior Damage "A" record
interior	703	8	Interior Damage "B" record
interior	707	27	Other interior component
interior	711	27	Other interior component
interior	715	27	Other interior component
interior	719	27	Other interior component
interior	723	27	Other interior component
interior	727	27	Other interior component
interior	731	27	Other interior component
interior	735	27	Other interior component
interior	739	27	Other interior component
interior	743	27	Other interior component
interior	915	51	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	376	15	Turning left at intersection
interview	876	3	Driver/occupant interview
interviewee	908	7	Interviewee
in-transport	209	70	Passenger car, light truck, van or other
in-transport	355	70	Passenger car, light truck, van or other
in-transport	507	70	Passenger car, light truck, van or other
in-transport	519	70	Passenger car, light truck, van or other
intraunit	209	35	Other intraunit damage
intraunit	507	35	Other intraunit damage
intraunit	519	35	Other intraunit damage
intra-unit	508	13	Intra-unit force (TDC only)
intra-unit	520	13	Intra-unit force (TDC only)
intruding	707	*	INTRUDING COMPONENT (1)
intruding	711	*	INTRUDING COMPONENT (2)
intruding	715	*	INTRUDING COMPONENT (3)
intruding	719	*	INTRUDING COMPONENT (4)
intruding	723	*	INTRUDING COMPONENT (5)
intruding	727	*	INTRUDING COMPONENT (6)
intruding	731	*	INTRUDING COMPONENT (7)
intruding	735	*	INTRUDING COMPONENT (8)
intruding	739	*	INTRUDING COMPONENT (9)
intruding	743	*	INTRUDING COMPONENT (10)
intrusion	706	*	INTRUSION LOCATION (1)
intrusion	707	96	No Intrusion
intrusion	708	*	INTRUSION MAGNITUDE (1)
intrusion	709	8	No Intrusion
intrusion	710	*	INTRUSION LOCATION (2)
intrusion	711	96	No Intrusion
intrusion	712	*	INTRUSION MAGNITUDE (2)
intrusion	713	8	No Intrusion

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
intrusion	714	*	INTRUSION LOCATION (3)
intrusion	715	96	No Intrusion
intrusion	716	*	INTRUSION MAGNITUDE (3)
intrusion	717	8	No Intrusion
intrusion	718	*	INTRUSION LOCATION (4)
intrusion	719	96	No Intrusion
intrusion	720	*	INTRUSION MAGNITUDE (4)
intrusion	721	8	No Intrusion
intrusion	722	*	INTRUSION LOCATION (5)
intrusion	723	96	No Intrusion
intrusion	724	*	INTRUSION MAGNITUDE (5)
intrusion	725	8	No Intrusion
intrusion	726	*	INTRUSION LOCATION (6)
intrusion	727	96	No Intrusion
intrusion	728	*	INTRUSION MAGNITUDE (6)
intrusion	729	8	No Intrusion
intrusion	730	*	INTRUSION LOCATION (7)
intrusion	731	96	No Intrusion
intrusion	732	*	INTRUSION MAGNITUDE (7)
intrusion	733	8	No Intrusion
intrusion	734	*	INTRUSION LOCATION (8)
intrusion	735	96	No Intrusion
intrusion	736	*	INTRUSION MAGNITUDE (8)
intrusion	737	8	No Intrusion
intrusion	738	*	INTRUSION LOCATION (9)
intrusion	739	96	No Intrusion
intrusion	740	*	INTRUSION MAGNITUDE (9)
intrusion	741	8	No Intrusion
intrusion	742	*	INTRUSION LOCATION (10)
intrusion	743	96	No Intrusion
intrusion	744	*	INTRUSION MAGNITUDE (10)
intrusion	745	8	No Intrusion
intrusion	856	6	Deformed by passenger compartment intrus
intrusion	918	*	INTRUSION NUMBER
islander	397	6	Asian or Pacific Islander
iss	878	1	ISS 1
isuzu	307	38	Isuzu
iveco	307	88	Iveco/Magirus
jackknife	209	34	Jackknife
jackknife	355	34	Jackknife
jackknife	507	34	Jackknife
jackknife	519	34	Jackknife
jaguar	307	39	Jaguar
jammed	607	3	Door/gate/hatch jammed shut
jammed	608	3	Door/gate/hatch jammed shut
jammed	609	3	Door/gate/hatch jammed shut
jammed	610	3	Door/gate/hatch jammed shut
jammed	611	3	Door/gate/hatch jammed shut
jammed	818	2	Could not exit vehicle due to jammed doo
january	106	1	January
jeep	307	2	Jeep (includes Kaiser-Jeep)
jeep	309	14	Compact utility (includes Jeep CJ-2 thru
jeep	351	14	Compact utility (includes Jeep CJ-2 thru
jewelry	915	172	Air bag - driver side and jewelry
joint	911	5	Skeletal (includes joints)
joint	921	10	J - Joints
joules	365	0	Less than 50 joules

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
joy-stick	915	406	Joy-stick steering controls
july	106	7	July
junction	380	4	Other junction
june	106	6	June
kaiser-jeep	307	2	Jeep (includes Kaiser-Jeep)
kary	309	28	Other van type (Hi-Cube Van, Kary)
kary	351	28	Other van type (Hi-Cube Van, Kary)
kawasaki	307	73	Kawasaki
kenworth	307	85	Kenworth
kia	307	63	KIA
kidney	921	11	K - Kidneys
kmph	362	0	Less than 0.5 kmph
kmph	366	0	Less than 0.5 kmph
kmph	367	1	Less than 10 kmph
kmph	368	*	SPEED LIMIT (KMPH)
kmph	369	*	TRAVEL SPEED (KMPH)
kmph	370	0	< 0.5 kmph
knee	753	*	KNEE BOLSTER TYPE
knee	754	*	KNEE BOLSTERS DEFORMED
knee	915	14	Knee bolster
knee	919	11	K - Knee
kneeling	813	1	Kneeling or standing on seat
knob	915	403	Steering knob attached to steering wheel
lacerated	558	5	Lacerated (ripped)
lacerated	559	5	Lacerated (ripped)
laceration	920	12	L - Laceration
laminated	633	1	AS-1 - Laminated
laminated	634	1	AS-1 - Laminated
laminated	635	1	AS-1 - Laminated
laminated	636	1	AS-1 - Laminated
laminated	637	1	AS-1 - Laminated
laminated	638	1	AS-1 - Laminated
laminated	639	1	AS-1 - Laminated
laminated	640	1	AS-1 - Laminated
lancia	307	40	Lancia
land	307	62	Land Rover
lane	375	2	Decelerating in traffic lane
lane	376	10	Over the lane line on left side of trave
lane	378	1	Stayed in original travel lane
lane	382	*	NUMBER OF TRAVEL LANES
lap	812	15	Front seat - on/in lap of another occupa
lap	820	3	Lap belt
lap	821	3	Lap belt
lap	822	6	Lap belt worn on abdomen
lap	828	6	Lap portion of automatic belt worn on ab
lap	830	3	Lap belt
largest	207	5	Largest (wheelbase > or = 291 cm)
largest	210	5	Largest (wheelbase > or = 291 cm)
latch	612	2	Latch/striker failure due to damage
latch	613	2	Latch/striker failure due to damage
latch	614	2	Latch/striker failure due to damage
latch	615	2	Latch/striker failure due to damage
latch	616	2	Latch/striker failure due to damage
latch	915	572	Seat LATCH points for child restraint
latchplate	823	3	Broken buckle or latchplate
latchplate	829	3	Broken buckle or latchplate
lateral	357	8	Rollover -- end-over-end (i.e., primaril

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
lateral	364	*	LAT COMPONENT DELTA-V
lateral	510	*	LONG/LAT LOCATION (1)
lateral	511	*	VERT/LAT LOCATION (1)
lateral	515	*	LONG/LAT LOC (1)-NUMERIC
lateral	516	*	VERT/LAT LOC (1)-NUMERIC
lateral	522	*	LONG/LAT LOCATION (2)
lateral	523	*	VERT/LAT LOCATION (2)
lateral	527	*	LONG/LAT LOC (2)-NUMERIC
lateral	528	*	VERT/LAT LOC (2)-NUMERIC
lateral	709	3	Lateral
lateral	713	3	Lateral
lateral	717	3	Lateral
lateral	721	3	Lateral
lateral	725	3	Lateral
lateral	729	3	Lateral
lateral	733	3	Lateral
lateral	737	3	Lateral
lateral	741	3	Lateral
lateral	745	3	Lateral
laterally	377	3	Skidding laterally - clockwise rotation
lay	908	5	Lay coroner report
lead	562	10	Lead acid battery
lead	563	10	Lead acid battery
leak	560	*	LOCATION OF FUEL 1 LEAK
leak	561	*	LOCATION OF FUEL 2 LEAK
leakage	560	1	No fuel leakage
leakage	561	1	No fuel leakage
leakage	564	1	Yes, no damage to any tank or filler cap
least	361	4	At least one vehicle is beyond the scope
least	837	4	More than one previous accident with at
leaving	375	8	Leaving a parked position
left	208	3	(L) Left Side
left	211	3	(L) Left Side
left	357	2	Roll left - primarily about longitudinal
left	375	11	Turning left
left	376	10	Over the lane line on left side of trave
left	378	2	Stayed on roadway but left original trav
left	379	6	Steering left
left	383	3	Curve left
left	514	12	L - Left side
left	526	12	L - Left side
left	554	2	Aft of center of the rear wheels (rear a
left	555	2	Aft of center of the rear wheels (rear a
left	556	2	Aft of center of the rear wheels (rear a
left	557	2	Aft of center of the rear wheels (rear a
left	607	*	DOOR/GATE/HATCH OPN - LF
left	612	*	DOOR/GATE/HATCH DAM - LF
left	618	*	IMPACT GLAZING DAM - LF
left	626	*	CONTACT GLAZING DAM - LF
left	634	*	TYPE OF GLAZING - LF
left	642	*	WIN PRECRASH STAT - LF
left	706	11	Front row - left
left	707	2	Instrument panel left
left	710	11	Front row - left
left	711	2	Instrument panel left
left	714	11	Front row - left
left	715	2	Instrument panel left

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
left	718	11	Front row - left
left	719	2	Instrument panel left
left	722	11	Front row - left
left	723	2	Instrument panel left
left	726	11	Front row - left
left	727	2	Instrument panel left
left	730	11	Front row - left
left	731	2	Instrument panel left
left	734	11	Front row - left
left	735	2	Instrument panel left
left	738	11	Front row - left
left	739	2	Instrument panel left
left	742	11	Front row - left
left	743	2	Instrument panel left
left	750	7	Left half of rim/spoke
left	812	11	Front seat - left side (driver's side)
left	815	2	Left front
left	910	2	Left
left	915	10	Left instrument panel and below
leg	919	12	L - Leg (lower)
length	321	*	VIN LENGTH
lense	850	3	Contact lenses
lesion	920	*	OIC - LESION
level	384	1	Level
level	911	6	Head - LOC (Level of Consciousness)
level	913	*	LEVEL OF INJURY
level	916	*	CONFIDENCE LEVEL
lever	915	7	Steering column, transmission, selector
lexus	307	59	Lexus
ligaments	911	4	Organs (includes muscles/ligaments)
light	207	45	Other light truck (< or = 4,536 kgs GVWR
light	209	70	Passenger car, light truck, van or other
light	210	45	Other light truck (< or = 4,536 kgs GVWR
light	309	39	Unknown (pickup style) light conventiona
light	340	*	DAYLIGHT RUNNING LIGHTS
light	351	39	Unknown (pickup style) light conventiona
light	355	70	Passenger car, light truck, van or other
light	387	*	LIGHT CONDITIONS
light	507	70	Passenger car, light truck, van or other
light	519	70	Passenger car, light truck, van or other
lighted	387	3	Dark, but lighted
limb	919	24	X - Upper limb(s) (whole or unknown part
limit	368	*	SPEED LIMIT (KMPH)
limited	376	74	From entrance to limited access highway
limousine	309	12	Large limousine - more than four side do
limousine	351	12	Large limousine - more than four side do
lincoln	307	13	Lincoln
line	376	10	Over the lane line on left side of trave
line	560	5	Lines/pump/filter
line	561	5	Lines/pump/filter
liquid	562	4	LPG (Liquid Petroleum Gas) also known as
liquid	563	4	LPG (Liquid Petroleum Gas) also known as
listening	374	5	While talking or listening to cellular p
liver	921	12	L - Liver
lng	562	5	LNG (Liquid Natural Gas)
lng	563	5	LNG (Liquid Natural Gas)
locks	856	3	Seat back folding locks or "seat back" f

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
longitudinal	357	1	Roll right - primarily about longitudinal
longitudinal	363	*	LONG COMPONENT DELTA-V
longitudinal	510	*	LONG/LAT LOCATION (1)
longitudinal	515	*	LONG/LAT LOC (1)-NUMERIC
longitudinal	522	*	LONG/LAT LOCATION (2)
longitudinal	527	*	LONG/LAT LOC (2)-NUMERIC
longitudinal	709	2	Longitudinal
longitudinal	713	2	Longitudinal
longitudinal	717	2	Longitudinal
longitudinal	721	2	Longitudinal
longitudinal	725	2	Longitudinal
longitudinal	729	2	Longitudinal
longitudinal	733	2	Longitudinal
longitudinal	737	2	Longitudinal
longitudinal	741	2	Longitudinal
longitudinal	745	2	Longitudinal
longitudinal	842	*	AB ASSOC LONG DELTA V
longitudinally	377	2	Skidding longitudinally - rotation less
look	813	4	Sitting sideways or turned to talk with
looked	374	2	Looked but did not see
loose	915	161	Interior loose objects
loss-of-control	377	7	Other vehicle loss-of-control
low	335	4	D - Turbo low HP
low	360	3	Collision fits model - results appear lo
low	915	404	Low effort power steering (unit or devic
lower	335	1	A - Lower HP
lower	376	51	Traveling in same direction with lower s
lower	750	6	Lower half of rim/spoke
lower	909	8	Lower Extremity
lower	919	12	L - Leg (lower)
lpg	562	4	LPG (Liquid Petroleum Gas) also known as
lpg	563	4	LPG (Liquid Petroleum Gas) also known as
lung	921	16	P - Pulmonary - lungs
lying	813	2	Lying on or across seat
m100	562	6	Methanol (M100 or M85)
m100	563	6	Methanol (M100 or M85)
m85	562	6	Methanol (M100 or M85)
m85	563	6	Methanol (M100 or M85)
mack	307	86	Mack
magirus	307	88	Iveco/Magirus
magnitude	708	*	INTRUSION MAGNITUDE (1)
magnitude	712	*	INTRUSION MAGNITUDE (2)
magnitude	716	*	INTRUSION MAGNITUDE (3)
magnitude	720	*	INTRUSION MAGNITUDE (4)
magnitude	724	*	INTRUSION MAGNITUDE (5)
magnitude	728	*	INTRUSION MAGNITUDE (6)
magnitude	732	*	INTRUSION MAGNITUDE (7)
magnitude	736	*	INTRUSION MAGNITUDE (8)
magnitude	740	*	INTRUSION MAGNITUDE (9)
magnitude	744	*	INTRUSION MAGNITUDE (10)
maintenance	839	*	AIR BAG MAINTENANCE
major	550	2	Major
make	307	*	VEHICLE MAKE
make	308	*	MAKE/MODEL
make	346	*	VIN MAKE
make	857	*	CHILD SEAT MAKE/MODEL
male	808	1	Male

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
maneuver	375	17	Successful avoidance maneuver to a previ
maneuver	379	*	ATTEMPTED AVOID MANEUVER
manner	118	*	MANNER OF COLLISION
manual	337	2	Manual sun / moon roof
manual	338	2	Manual sun / moon roof
manual	339	2	Manual sun / moon roof
manual	401	1	A - Active (manual) belts
manual	820	*	MANUAL BELT AVAILABILITY
manual	821	*	MANUAL BELT USE
manual	822	*	MANUAL BELT PROPER USE
manual	823	*	MANUAL BELT FAILURE
manual	824	0	No manual shoulder belt
manually	826	2	Automatic belt not in use (manually disc
manufacturer	549	0	No post manufacturer modifications
manufacturer	838	1	Original manufacturer installed system
maplight	915	206	Roof maplight/console
march	106	3	March
maximum	111	*	MAXIMUM TREATMENT
maximum	112	*	MAXIMUM KNOWN AIS
maximum	402	*	MAXIMUM TREATMENT
maximum	403	*	MAXIMUM KNOWN AIS
maximum	877	*	MAXIMUM KNOWN AIS
maximum	878	75	Maximum ISS
maximum	914	6	Maximum (untreatable)
may	106	5	May
mazda	307	41	Mazda
measured	749	98	Observed deformation cannot be measured
measured	875	1	Injured - ABGs not measured or reported
mechanically	818	1	Entrapped/pinned - mechanically restrain
median	354	4	On roadside or divided trafficway median
medical	111	8	Transported to a medical facility - unkn
medical	864	8	Transported to a medical facility - unkn
medical	865	*	TYPE OF MEDICAL FACILITY
medical	873	1	Injured - not treated at medical facilit
medical	908	1	Autopsy records with or without hospital
medium	207	78	Unknown medium/heavy truck type
medium	209	71	Medium/heavy truck or bus not in-transpo
medium	210	78	Unknown medium/heavy truck type
medium	309	65	Medium/heavy truck based motorhome
medium	328	7	Medium or heavy truck override or underr
medium	329	7	Medium or heavy truck override or underr
medium	351	65	Medium/heavy truck based motorhome
medium	355	71	Medium/heavy truck or bus not in-transpo
medium	507	71	Medium/heavy truck or bus not in-transpo
medium	519	71	Medium/heavy truck or bus not in-transpo
medium	816	*	EJECTION MEDIUM
medium	817	*	MEDIUM STATUS
mercedes	307	42	Mercedes Benz
mercury	307	14	Mercury
merging	375	16	Merging
merkur	307	56	Merkur
metal	562	13	Sodium metal chloride battery
metal	563	13	Sodium metal chloride battery
metallic	552	1	Metallic
metallic	553	1	Metallic
methanol	336	7	G - Gas (ie Ford engine methanol fuel is
methanol	562	6	Methanol (M100 or M85)

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
methanol	563	6	Methanol (M100 or M85)
mg	307	43	MG
mid	824	3	In mid position
middle	706	12	Front row - middle
middle	710	12	Front row - middle
middle	714	12	Front row - middle
middle	718	12	Front row - middle
middle	722	12	Front row - middle
middle	726	12	Front row - middle
middle	730	12	Front row - middle
middle	734	12	Front row - middle
middle	738	12	Front row - middle
middle	742	12	Front row - middle
middle	812	12	Front seat - middle
middle	854	3	Seat between forward most track and midd
midnight	109	2400	Midnight
midpoint	748	2	Between full back and midpoint
midrange	855	12	Moved to rearward midrange position
military	327	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	351	88	Other motored cycle type (minibike, moto
minivan	207	20	Minivan (< or = 4,536 kgs GVWR)
minivan	210	20	Minivan (< or = 4,536 kgs GVWR)
minivan	309	20	Minivan (Astro, Caravan, Plymouth Vista,
minivan	351	20	Minivan (Astro, Caravan, Plymouth Vista,
minor	112	1	Minor injury
minor	367	6	Minor
minor	403	1	Minor injury
minor	550	1	Minor
minor	877	1	Minor injury
minor	914	1	Minor injury
mirror	915	2	Mirror
miscellaneous	389	8	Miscellaneous/other controls including R
mitsubishi	307	52	Mitsubishi
mobility	819	*	OCCUPANT MOBILITY
mode	869	96	Mode of death given but specific injurie
mode	870	96	Mode of death given but specific injurie
mode	871	96	Mode of death given but specific injurie
model	306	*	MODEL YEAR
model	308	*	MAKE/MODEL
model	344	*	VIN MODEL CARS
model	347	*	VIN MODEL YEAR
model	360	1	Collision fits model - results appear re
model	857	*	CHILD SEAT MAKE/MODEL
moderate	112	2	Moderate injury
moderate	367	7	Moderate
moderate	403	2	Moderate injury
moderate	877	2	Moderate injury
moderate	914	2	Moderate injury
modes	829	*	AUTO BELT FAILURE MODES
modifications	549	0	No post manufacturer modifications
modifications	915	408	Modifications to seat belts (specify)
modified	549	9	Unknown if vehicle is modified
module	844	3	Deployed, unknown if air bag module cove
monday	108	2	Monday

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
month	106	*	ACCIDENT MONTH
month	808	3	Female - pregnant - 1st trimester (1st-3
moon	337	2	Manual sun / moon roof
moon	338	2	Manual sun / moon roof
moon	339	2	Manual sun / moon roof
moped	307	78	Other make moped
moped	309	81	Moped (motorized bicycle)
moped	351	81	Moped (motorized bicycle)
mortality	864	*	TREATMENT/MORTALITY
moto-guzzi	307	74	Moto-Guzzi
motor	207	0	Not a motor vehicle
motor	208	0	(0) Not a motor vehicle
motor	210	0	Not a motor vehicle
motor	211	0	(0) Not a motor vehicle
motor	307	1	American Motors
motor	376	59	Unknown travel direction of other motor
motorcycle	309	80	Motorcycle
motorcycle	342	13	M - Motorcycle
motorcycle	349	*	MTRCYCLE ENGINE DISPLACE
motorcycle	351	80	Motorcycle
motored	207	80	Motored cycle
motored	210	80	Motored cycle
motored	307	79	Other motored cycle
motored	309	88	Other motored cycle type (minibike, moto
motored	351	88	Other motored cycle type (minibike, moto
motorhome	309	23	Van based motorhome (< 4,536 kgs GVWR)
motorhome	351	23	Van based motorhome (< 4,536 kgs GVWR)
motorized	309	81	Moped (motorized bicycle)
motorized	351	81	Moped (motorized bicycle)
motorized	826	2	Automatic belt not in use (manually disc
motorized	827	2	Motorized system
motorscooter	309	88	Other motored cycle type (minibike, moto
motorscooter	351	88	Other motored cycle type (minibike, moto
mouth	915	174	Air bag - driver side and object in mout
movement	375	*	PRE-EVENT MOVEMENT
moving	374	4	By moving object in vehicle
multi-stage	549	*	MULTI-STAGE VEHICLE
muscle	911	4	Organs (includes muscles/ligaments)
muscle	921	13	M - Muscles
narrow	517	14	N - Narrow impact area
narrow	529	14	N - Narrow impact area
natural	336	3	C - Gasoline engine that can be easily c
natural	562	3	CNG (Compressed Natural Gas)
natural	563	3	CNG (Compressed Natural Gas)
navajo	309	14	Compact utility (includes Jeep CJ-2 thru
navajo	351	14	Compact utility (includes Jeep CJ-2 thru
navistar	307	84	International Harvester/Navistar
neck	558	7	Filler neck separation from the fuel tan
neck	559	7	Filler neck separation from the fuel tan
neck	560	3	Filler neck
neck	561	3	Filler neck
neck	909	3	Neck
neck	919	14	N - Neck - cervical spine
negotiating	375	14	Negotiating a curve
nerves	911	3	Nerves
nervous	921	14	N - Nervous system
nickel-cadmium	562	12	Nickel-cadmium battery

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
nickel-cadmium	563	12	Nickel-cadmium battery
nickel-iron	562	11	Nickel-iron battery
nickel-iron	563	11	Nickel-iron battery
nissan	307	35	Nissan/Datsun
non	568	998	Non horizontal impact
non	569	998	Non horizontal impact
nonadjustable	854	1	Nonadjustable seat track
nonadjustable	855	1	Nonadjustable
nonautomated	328	3	Other nonautomated CDC
nonautomated	329	3	Other nonautomated CDC
noncoded	841	3	Other noncoded delta-V (specify)
noncoded	918	97	Injury associated with a noncoded intrus
noncollision	208	96	(N) Noncollision
noncollision	209	36	Noncollision injury
noncollision	211	96	(N) Noncollision
noncollision	358	997	Noncollision
noncollision	359	997	Noncollision
noncollision	400	4	Deployed as a result of a noncollision e
noncollision	507	36	Noncollision injury
noncollision	519	36	Noncollision injury
noncollision	833	4	Air bag deployed as a result of a noncol
noncollision	835	4	Air bag deployed as a result of a noncol
noncontact	356	6	Noncontact rollover forces
noncontact	915	603	Other noncontact injury source
noncontact	917	3	Noncontact injury
nondeployed	400	7	Nondeployed
nondeployed	833	7	Nondeployed
nondeployed	835	7	Nondeployed
nondisabling	376	4	Nondisabling vehicle problem (e.g. hood
nonfixed	209	88	Other nonfixed object
nonfixed	355	88	Other nonfixed object
nonfixed	507	88	Other nonfixed object
nonfixed	519	88	Other nonfixed object
nonfixed	816	2	Nonfixed roof structure
non-hispanic	397	1	White (non-Hispanic)
nonhorizontal	358	996	Nonhorizontal impact
nonhorizontal	359	996	Nonhorizontal impact
nonhorizontal	361	6	Other nonhorizontal forces
nonhorizontal	508	0	Nonhorizontal force
nonhorizontal	520	0	Nonhorizontal force
nonincapacitating	863	2	B - nonincapacitating injury
noninterchange	380	0	Noninterchange area and non-junction
non-junction	380	0	Noninterchange area and non-junction
nonmetallic	552	2	NonMetallic
nonmetallic	553	2	NonMetallic
nonmotorist	209	74	Other nonmotorist or conveyance
nonmotorist	376	83	Pedalcyclist or other nonmotorist in roa
nonmotorist	507	74	Other nonmotorist or conveyance
nonmotorist	519	74	Other nonmotorist or conveyance
nonmotorized	827	1	Nonmotorized system
nontransported	864	5	Treatment at scene - nontransported
normal	813	0	Normal posture
norton	307	75	Norton
november	106	11	November
object	209	*	VEH NUM/OBJ CONTACT(2)
object	355	*	ROLLOVER INIT OBJ CONTAC
object	358	998	Impact with object

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
object	359	998	Impact with object
object	361	9	Yielding object
object	374	4	By moving object in vehicle
object	376	90	Object in roadway
object	507	*	OBJECT CONTACTED (1)
object	519	*	OBJECT CONTACTED (2)
object	707	32	Other exterior object in the environment
object	711	32	Other exterior object in the environment
object	715	32	Other exterior object in the environment
object	719	32	Other exterior object in the environment
object	723	32	Other exterior object in the environment
object	727	32	Other exterior object in the environment
object	731	32	Other exterior object in the environment
object	735	32	Other exterior object in the environment
object	739	32	Other exterior object in the environment
object	743	32	Other exterior object in the environment
object	846	2	Object worn by occupant
object	915	17	Windshield reinforced by exterior object
observed	749	98	Observed deformation cannot be measured
obtained	395	3	Specimen test given, results unknown or
occupant	113	*	NUM SERIOUSLY INJ OCC
occupant	114	*	NUM INJURED OCCUPANTS
occupant	209	75	Vehicle occupant
occupant	374	3	By other occupant(s)
occupant	406	*	NUMBER OF OCCUPANTS
occupant	407	*	NUMBER OCCUPANT FORMS
occupant	507	75	Vehicle occupant
occupant	519	75	Vehicle occupant
occupant	625	1	No occupant contact to glazing
occupant	626	1	No occupant contact to glazing
occupant	627	1	No occupant contact to glazing
occupant	628	1	No occupant contact to glazing
occupant	629	1	No occupant contact to glazing
occupant	630	1	No occupant contact to glazing
occupant	631	1	No occupant contact to glazing
occupant	632	1	No occupant contact to glazing
occupant	803	9	Occupant assessment record
occupant	806	*	OCCUPANT NUMBER
occupant	812	15	Front seat - on/in lap of another occupa
occupant	813	4	Sitting sideways or turned to talk with
occupant	819	*	OCCUPANT MOBILITY
occupant	846	2	Object worn by occupant
occupant	849	*	AB CONTACTED BY OTHER OC
occupant	852	0	Occupant not seated or no seat
occupant	853	0	Occupant not seated or no seat
occupant	854	0	Occupant not seated or no seat
occupant	855	0	Occupant not seated or no seat
occupant	856	0	Occupant not seated or no seat
occupant	874	*	WAS OCCUPANT GIVEN BLOOD
occupant	876	3	Driver/occupant interview
occupant	903	10	Occupant injury record
occupant	906	*	OCCUPANT NUMBER
occupant	915	160	Other occupants
occupant's	811	*	OCCUPANT'S ROLE
occupant's	812	*	OCCUPANT'S SEAT POSITION
occupant's	813	*	OCCUPANT'S POSTURE
occurrence	550	*	FIRE OCCURRENCE

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
o'clock	508	1	1 o'clock
o'clock	520	1	1 o'clock
october	106	10	October
odometer	751	*	ODOMETER READING
oem	915	402	Steering control devices (attached to OE
office	865	4	Physician's office
official	876	2	Official injury data
oic	919	*	OIC - BODY REGION
oic	920	*	OIC - LESION
oic	921	*	OIC - SYSTEM ORGAN
oil	386	5	Sand, dirt or oil
older	807	97	97 years or older
oldsmobile	307	21	Oldsmobile
operational	607	1	Door/gate/hatch remained closed and oper
operational	608	1	Door/gate/hatch remained closed and oper
operational	609	1	Door/gate/hatch remained closed and oper
operational	610	1	Door/gate/hatch remained closed and oper
operational	611	1	Door/gate/hatch remained closed and oper
operational	612	1	Door operational (no damage)
operational	613	1	Door operational (no damage)
operational	614	1	Door operational (no damage)
operational	615	1	Door operational (no damage)
operational	616	1	Door operational (no damage)
opposite	118	6	Sideswipe, opposite direction
opposite	376	54	Traveling in opposite direction
optional	330	5	4 wheel optional
optional	338	*	OPTIONAL ROOF 1
optional	339	*	OPTIONAL ROOF 2
optional	340	15	O - Optional
organ	921	*	OIC - SYSTEM ORGAN
organs	911	4	Organs (includes muscles/ligaments)
orientation	853	*	SEAT ORIENTATION
orientation	859	*	CHILD SEAT ORIENTATION
oriented	819	1	Removed from vehicle while unconscious o
origin	551	*	ORIGIN OF FIRE
original	378	1	Stayed in original travel lane
original	548	*	ORIGINAL WHEELBASE
original	567	*	ORIGINAL AVE. TRACK WID.
original	633	3	AS-3 - Tempered-tinted (original)
original	634	3	AS-3 - Tempered-tinted (original)
original	635	3	AS-3 - Tempered-tinted (original)
original	636	3	AS-3 - Tempered-tinted (original)
original	637	3	AS-3 - Tempered-tinted (original)
original	638	3	AS-3 - Tempered-tinted (original)
original	639	3	AS-3 - Tempered-tinted (original)
original	640	3	AS-3 - Tempered-tinted (original)
original	838	1	Original manufacturer installed system
ornament	915	505	Hood ornament
out-of-place	617	4	Glazing out-of-place (cracked or not) an
out-of-place	618	4	Glazing out-of-place (cracked or not) an
out-of-place	619	4	Glazing out-of-place (cracked or not) an
out-of-place	620	4	Glazing out-of-place (cracked or not) an
out-of-place	621	4	Glazing out-of-place (cracked or not) an
out-of-place	622	4	Glazing out-of-place (cracked or not) an
out-of-place	623	4	Glazing out-of-place (cracked or not) an
out-of-place	624	4	Glazing out-of-place (cracked or not) an
out-of-place	625	5	Glazing out-of-place (cracked or not) by

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
out-of-place	626	5	Glazing out-of-place (cracked or not) by
out-of-place	627	5	Glazing out-of-place (cracked or not) by
out-of-place	628	5	Glazing out-of-place (cracked or not) by
out-of-place	629	5	Glazing out-of-place (cracked or not) by
out-of-place	630	5	Glazing out-of-place (cracked or not) by
out-of-place	631	5	Glazing out-of-place (cracked or not) by
out-of-place	632	5	Glazing out-of-place (cracked or not) by
outside	374	12	Distracted by outside person, object, or
outside	707	31	Outside surface of this vehicle
outside	711	31	Outside surface of this vehicle
outside	715	31	Outside surface of this vehicle
outside	719	31	Outside surface of this vehicle
outside	723	31	Outside surface of this vehicle
outside	727	31	Outside surface of this vehicle
outside	731	31	Outside surface of this vehicle
outside	735	31	Outside surface of this vehicle
outside	739	31	Outside surface of this vehicle
outside	743	31	Outside surface of this vehicle
outside	915	452	Outside hardware (outside mirror, antenn
outward	853	4	Side facing seat (outward)
overhanging	517	1	A - Overhanging structure
overhanging	529	1	A - Overhanging structure
overlapping	361	10	Overlapping damage
override	328	*	FRONT OVERRIDE/UNDERRIDE
override	329	*	REAR OVERRIDE/UNDERRIDE
override	361	8	Severe override
overtaking	375	6	Passing or overtaking another vehicle
overturn	209	31	Overturn - rollover (excludes end-over-e
overturn	352	99	Rollover (overturn) - details unknown or
overturn	507	31	Overturn - rollover (excludes end-over-e
overturn	519	31	Overturn - rollover (excludes end-over-e
overturning	352	0	No rollover (no overturning)
pacific	397	6	Asian or Pacific Islander
padded	753	1	Padded
pan	707	5	Toe pan
pan	711	5	Toe pan
pan	715	5	Toe pan
pan	719	5	Toe pan
pan	723	5	Toe pan
pan	727	5	Toe pan
pan	731	5	Toe pan
pan	735	5	Toe pan
pan	739	5	Toe pan
pan	743	5	Toe pan
pan	915	251	Floor including toe pan
panel	309	11	Auto based panel (cargo station wagon, i
panel	337	4	Removable panels
panel	338	4	Removable panels
panel	339	4	Removable panels
panel	351	11	Auto based panel (cargo station wagon, i
panel	551	6	Instrument panel
panel	707	2	Instrument panel left
panel	711	2	Instrument panel left
panel	715	2	Instrument panel left
panel	719	2	Instrument panel left
panel	723	2	Instrument panel left
panel	727	2	Instrument panel left

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
panel	731	2	Instrument panel left
panel	735	2	Instrument panel left
panel	739	2	Instrument panel left
panel	743	2	Instrument panel left
panel	752	*	INSTRUMENT PANEL DAMAGE
panel	915	10	Left instrument panel and below
par	830	*	PAR RESTRAINT USE
parked	375	7	Disabled or parked in travel lane
parking	375	13	Backing up (other than for parking posit
parking	376	64	From parking lane
parking	915	253	Parking brake handle
part	919	24	X - Upper limb(s) (whole or unknown part
partial	322	2	Partial inspection
partial	814	2	Partial ejection
partially	641	3	Partially opened
partially	642	3	Partially opened
partially	643	3	Partially opened
partially	644	3	Partially opened
partially	645	3	Partially opened
partially	646	3	Partially opened
partially	647	3	Partially opened
partially	648	3	Partially opened
parts	551	3	Fuel tank (and other fuel retention syst
passenger	207	9	Unknown passenger car size
passenger	209	70	Passenger car, light truck, van or other
passenger	210	9	Unknown passenger car size
passenger	333	8	Not applicable, not a passenger car
passenger	342	16	P - Passenger vehicle
passenger	355	70	Passenger car, light truck, van or other
passenger	399	5	Passenger side only deployed
passenger	401	2	B - Driver front air bag / passenger sid
passenger	507	70	Passenger car, light truck, van or other
passenger	519	70	Passenger car, light truck, van or other
passenger	551	7	Passenger compartment area
passenger	606	*	PASS COMPART INTEGRITY
passenger	811	2	Passenger
passenger	856	6	Deformed by passenger compartment intrus
passenger	915	180	Air bag - passenger side
passing	375	6	Passing or overtaking another vehicle
passing	376	17	Crossing over (passing through) intersec
passive	398	3	VIN determined automatic (passive) belts
passive	401	4	D - Dual front air bag / passenger side
passive	826	*	AUTO (PASSIV) SYSTEM USE
path	376	66	From crossing street - across path
paved	354	2	On shoulder - paved
pdof1-clock	568	*	PDOF1-CLOCK DEGREES
pdof2-clock	569	*	PDOF2-CLOCK DEGREES
pedalcyclist	376	83	Pedalcyclist or other nonmotorist in roa
pedestal	852	8	Pedestal (i.e., column supported)
pedestrian	209	72	Pedestrian
pedestrian	376	80	Pedestrian in roadway
pedestrian	507	72	Pedestrian
pedestrian	519	72	Pedestrian
pelvis	919	16	P - Pelvis - hip
perceived	819	2	Removed from vehicle due to perceived se
perforation	920	16	P - Perforation, puncture
performance	335	8	H - Unknown, high performance rating cod

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
performance	856	*	SEAT PERFORMANCE
performed	393	97	AC test performed, results unknown
person	374	12	Distracted by outside person, object, or
person	822	5	Belt worn around more than one person
person	828	5	Automatic belt worn around more than one
personnel	908	6	E.M.S. personnel
peterbilt	307	87	Peterbilt
petroleum	562	4	LPG (Liquid Petroleum Gas) also known as
petroleum	563	4	LPG (Liquid Petroleum Gas) also known as
peugeot	307	44	Peugeot
phone	374	5	While talking or listening to cellular p
physically	381	0	Not physically divided (two way trafficw
physician	908	4	Private physician - walk-in or emergency
physician's	865	4	Physician's office
pickup	207	30	Compact Pickup truck (< or = 4,536 kgs G
pickup	210	30	Compact Pickup truck (< or = 4,536 kgs G
pickup	309	10	Auto based pickup (includes El Camino, C
pickup	351	10	Auto based pickup (includes El Camino, C
pickup	815	8	Other area (e.g., back of pickup, etc.)
pillar	612	5	Door support (i.e., pillar, sill, roof s
pillar	613	5	Door support (i.e., pillar, sill, roof s
pillar	614	5	Door support (i.e., pillar, sill, roof s
pillar	615	5	Door support (i.e., pillar, sill, roof s
pillar	616	5	Door support (i.e., pillar, sill, roof s
pillar	915	55	Other left pillar
pinned	818	1	Entrapped/pinned - mechanically restrain
plane	356	2	Side plane
plane	556	1	On back plane
plane	557	1	On back plane
plane	565	998	No highest severity end plane impact
plastic	633	6	AS-14 - Glass/plastic
plastic	634	6	AS-14 - Glass/plastic
plastic	635	6	AS-14 - Glass/plastic
plastic	636	6	AS-14 - Glass/plastic
plastic	637	6	AS-14 - Glass/plastic
plastic	638	6	AS-14 - Glass/plastic
plastic	639	6	AS-14 - Glass/plastic
plastic	640	6	AS-14 - Glass/plastic
plastic	753	2	Rigid plastic
plymouth	307	9	Plymouth
plymouth	309	20	Minivan (Astro, Caravan, Plymouth Vista,
plymouth	351	20	Minivan (Astro, Caravan, Plymouth Vista,
points	843	3	Deployed, unknown if flap(s) opened at d
points	915	572	Seat LATCH points for child restraint
pole	209	45	Breakaway pole or post (any diameter)
pole	355	45	Breakaway pole or post
pole	373	*	POST COLL TREE/POLE COND
pole	507	45	Breakaway pole or post (any diameter)
pole	519	45	Breakaway pole or post (any diameter)
police	327	5	Police
police	830	1	Police did not indicate restraint use
police	831	*	AIR BAG AVAIL/FUN POLICE
police	908	9	Police
pontiac	307	22	Pontiac
poor	376	5	Poor road conditions (puddle, pothole, i
porsche	307	45	Porsche
portion	828	6	Lap portion of automatic belt worn on ab

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
ports	848	*	AIR BAG VENT PORTS
position	375	8	Leaving a parked position
position	812	*	OCCUPANT's SEAT POSITION
position	813	6	Lying back in a reclined seat position
position	824	2	In full upright position
position	854	2	Seat at forward most track position
position	855	11	Moved to completely rearward position
positive	381	1	Divided trafficway-median strip without
possible	863	1	C - possible injury
possible	916	3	Possible
post	209	45	Breakaway pole or post (any diameter)
post	355	45	Breakaway pole or post
post	373	*	POST COLL TREE/POLE COND
post	507	45	Breakaway pole or post (any diameter)
post	519	45	Breakaway pole or post (any diameter)
post	549	0	No post manufacturer modifications
posterior	910	6	Posterior
posture	813	*	OCCUPANT's POSTURE
potential	333	9	Unknown (four wheel drive potential)
pothole	376	5	Poor road conditions (puddle, pothole, i
pound	343	434	434 pounds
pound	348	1	6,000 lbs & under
power	337	3	Power sun / moon roof
power	338	3	Power sun / moon roof
power	339	3	Power sun / moon roof
power	819	4	Exited from vehicle under own power
power	915	404	Low effort power steering (unit or devic
powered	336	3	C - Gasoline engine that can be easily c
precrash	376	*	CRITICAL PRECRASH EVENT
precrash	377	9	Precrash stability unknown
precrash	641	*	WIN PRECRASH STAT - WS
precrash	642	*	WIN PRECRASH STAT - LF
precrash	643	*	WIN PRECRASH STAT - RF
precrash	644	*	WIN PRECRASH STAT - LR
precrash	645	*	WIN PRECRASH STAT - RR
precrash	646	*	WIN PRECRASH STAT - BL
precrash	647	*	WIN PRECRASH STAT - RO
precrash	648	*	WIN PRECRASH STAT - OT
pre-event	375	*	PRE-EVENT MOVEMENT
pregnant	808	2	Female - not reported pregnant
pre-impact	377	*	PRE-IMPACT STABILITY
pre-impact	378	*	PRE-IMPACT LOCATION
pre-impact	855	14	Retained pre-impact position
presence	375	98	No driver presence
presence	391	*	DRIVER PRESENCE
presence	392	*	ALCOHOL PRESENCE
presence	394	*	OTHER DRUG PRESENCE
previous	375	17	Successful avoidance maneuver to a previ
previous	837	*	AB DEPLOY/PREVIOUS ACC
primarily	357	1	Roll right - primarily about longitudina
principal	356	*	PRIN TRIP FORCE APPLIED
private	908	4	Private physician - walk-in or emergency
probable	916	2	Probable
problem	376	4	Nondisabling vehicle problem (e.g. hood
profile	384	*	ROADWAY PROFILE
program	361	1	Reconstruction program - damage only rou
propene	336	3	C - Gasoline engine that can be easily c

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
propane	562	4	LPG (Liquid Petroleum Gas) also known as
propane	563	4	LPG (Liquid Petroleum Gas) also known as
proper	822	*	MANUAL BELT PROPER USE
proper	828	*	PROPER USE OF AUTO BELT
protrusion	915	509	Other side protrusions
psu	101	*	PSU NUMBER
psu	119	*	PSU STRATRUM
psu	201	*	PSU NUMBER
psu	301	*	PSU NUMBER
psu	501	*	PSU NUMBER
psu	601	*	PSU NUMBER
psu	701	*	PSU NUMBER
psu	801	*	PSU NUMBER
psu	901	*	PSU NUMBER
puddle	376	5	Poor road conditions (puddle, pothole, i
pulmonary	921	16	P - Pulmonary - lungs
pump	560	5	Lines/pump/filter
pump	561	5	Lines/pump/filter
puncture	920	16	P - Perforation, puncture
punctured	558	4	Punctured
punctured	559	4	Punctured
quarter	352	1	Rollover - one quarter turn only
rabbit	309	10	Auto based pickup (includes El Camino, C
rabbit	351	10	Auto based pickup (includes El Camino, C
race	397	*	DRIVER'S RACE/ETHNIC
rack	915	302	Backlight storage rack, door, etc.
radio	374	8	While adjusting radio, cassette, CD
radio	915	8	Cellular telephone or CB radio
rail	612	5	Door support (i.e., pillar, sill, roof s
rail	613	5	Door support (i.e., pillar, sill, roof s
rail	614	5	Door support (i.e., pillar, sill, roof s
rail	615	5	Door support (i.e., pillar, sill, roof s
rail	616	5	Door support (i.e., pillar, sill, roof s
rail	707	14	Roof side rail
rail	711	14	Roof side rail
rail	715	14	Roof side rail
rail	719	14	Roof side rail
rail	723	14	Roof side rail
rail	727	14	Roof side rail
rail	731	14	Roof side rail
rail	735	14	Roof side rail
rail	739	14	Roof side rail
rail	743	14	Roof side rail
rail	915	59	Left side window glass + 1 or more from:
rain	388	1	Rain
raised	915	410	Raised roof
ram	309	15	Large utility (includes Jeep Cherokee, R
ram	351	15	Large utility (includes Jeep Cherokee, R
rambler	308	+	Rambler/American
rancho	309	10	Auto based pickup (includes El Camino, C
rancho	351	10	Auto based pickup (includes El Camino, C
ranger	309	30	Compact pickup (Ram 50, Dakota, Arrow Pi
ranger	351	30	Compact pickup (Ram 50, Dakota, Arrow Pi
rating	335	6	F - Unknown, fuel injection rating code
ratio	116	*	RATIO INFLATION FACTOR
reaching	374	10	While using or reaching for device/objec
reading	751	*	ODOMETER READING

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
rear	208	4	(B) Back or TDC: back of unit with cargo
rear	211	4	(B) Back or TDC: back of unit with cargo
rear	329	*	REAR OVERRIDE/UNDERRIDE
rear	330	3	Rear only standard
rear	333	*	FRONT/REAR WHEEL DRIVE
rear	401	20	T - Dual air bags front / active belts /
rear	514	2	B - Back (rear)
rear	526	2	B - Back (rear)
rear	554	1	Aft of center of the rear wheels (rear a
rear	555	1	Aft of center of the rear wheels (rear a
rear	556	2	Aft of center of the rear wheels (rear a
rear	557	2	Aft of center of the rear wheels (rear a
rear	606	7	Rear window (backlight)
rear	707	12	Side panel - rear of B-pillar
rear	711	12	Side panel - rear of B-pillar
rear	715	12	Side panel - rear of B-pillar
rear	719	12	Side panel - rear of B-pillar
rear	723	12	Side panel - rear of B-pillar
rear	727	12	Side panel - rear of B-pillar
rear	731	12	Side panel - rear of B-pillar
rear	735	12	Side panel - rear of B-pillar
rear	739	12	Side panel - rear of B-pillar
rear	743	12	Side panel - rear of B-pillar
rear	813	4	Sitting sideways or turned to talk with
rear	815	4	Left rear
rear	853	2	Rear facing seat
rear	854	5	Seat between middle and rear most track
rear	859	1	Rear facing
rear	915	202	Rear header
rear-end	118	1	Rear-end
rear-to-rear	118	3	Rear-to-rear
rearward	855	11	Moved to completely rearward position
reasonable	360	1	Collision fits model - results appear re
reasons	819	8	Removed from vehicle for other reasons
reclined	813	6	Lying back in a reclined seat position
reconstruct	360	*	RECONSTRUCT CONFIDENCE
reconstruction	360	0	No reconstruction
reconstruction	361	1	Reconstruction program - damage only rou
reconstruction	367	0	Reconstruction delta V coded
recorded	110	*	NUM EVENTS RECORDED
recorded	872	*	NUM RECORDED INJURIES
recovery	560	6	Vent/emission recovery
recovery	561	6	Vent/emission recovery
redesign	879	*	REDESIGN AIR BAG CLASS
reduced	915	405	Replacement steering wheel (ie reduced d
refused	393	95	Test refused
regardless	361	4	At least one vehicle is beyond the scope
region	909	*	BODY REGION - AIS90
region	910	0	Whole region
region	919	*	OIC - BODY REGION
region	921	23	W - All systems in region
regulatory	389	5	Other regulatory sign
reinforced	915	17	Windshield reinforced by exterior object
reinstalled	832	3	Air bag not reinstalled
reinstalled	834	3	Air bag not reinstalled
related	374	14	Smoking related
related	380	1	Interchange area related

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Item	Var	CV	Variable Name or Code Value
related	917	4	Air bag related injury
relation	380	*	RELATION TO INTERCHANGE
released	111	4	Transported and released
released	402	4	Transported and released
released	864	4	Transported and released
releasing	379	5	Releasing brakes
relocated	915	409	Additional or relocated switches (specif
removable	337	4	Removable panels
removable	338	4	Removable panels
removable	339	4	Removable panels
renault	307	46	Renault
rendered	825	4	Automatic belts destroyed or rendered in
rendered	826	0	Not equipped/not available/destroyed or
rendered	876	0	Not equipped/not available/destroyed or
renegade	309	14	Compact utility (includes Jeep CJ-2 thru
renegade	351	14	Compact utility (includes Jeep CJ-2 thru
reo	307	81	Diamond Reo, Reo
repaired	322	1	Vehicle fully repaired - no damage evide
replaced	373	7	Pole replaced
replacement	838	3	Replacement air bag
replacement	915	405	Replacement steering wheel (ie reduced d
report	869	*	CAUSE OF DEATH-1-MED REP
report	870	*	CAUSE OF DEATH-2-MED REP
report	871	*	CAUSE OF DEATH-3-MED REP
report	908	3	Emergency room records only (including a
reported	392	7	Not reported
reported	394	7	Not reported
reported	808	2	Female - not reported pregnant
reported	875	1	Injured - ABGs not measured or reported
rescue	309	40	Cab chassis based (includes rescue vehic
rescue	351	40	Cab chassis based (includes rescue vehic
rescue	846	7	Rescue or emergency efforts
researcher	398	1	Yes - researcher determined
resident	396	1	Driver not a resident of U.S. or territo
residual	517	21	U - No residual deformation
residual	529	21	U - No residual deformation
respiratory	921	18	R - Respiratory
rest	915	411	Wall mounted head rest (used behind whee
restrained	818	1	Entrapped/pinned - mechanically restrain
restrained	830	8	Restrained, type unknown
restraint	401	*	RESTRAINT TYPE
restraint	825	*	AUTO RESTRAINT AVAILABLE
restraint	830	*	PAR RESTRAINT USE
restraint	851	*	HEAD RESTRAINT TYPE/DAM
restraint	915	152	Belt restraint webbing/buckle
retained	855	14	Retained pre-impact position
retention	551	3	Fuel tank (and other fuel retention syst
retractable	337	6	Retractable roof panel
retractable	338	6	Retractable roof panel
retractable	339	6	Retractable roof panel
retractor	823	6	Broken retractor
retractor	829	6	Broken retractor
retrofitted	838	2	Retrofitted air bag
returned	378	6	Returned to roadway
right	208	2	(R) Right Side
right	211	2	(R) Right Side
right	357	1	Roll right - primarily about longitudina

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
right	375	10	Turning right
right	376	11	Over the lane line on right side of trav
right	379	7	Steering right
right	383	2	Curve right
right	514	18	R - Right side
right	526	18	R - Right side
right	554	3	Aft of center of the rear wheels (rear a
right	555	3	Aft of center of the rear wheels (rear a
right	556	3	Aft of center of the rear wheels (rear a
right	557	3	Aft of center of the rear wheels (rear a
right	706	13	Front row - right
right	707	4	Instrument panel right
right	710	13	Front row - right
right	711	4	Instrument panel right
right	714	13	Front row - right
right	715	4	Instrument panel right
right	718	13	Front row - right
right	719	4	Instrument panel right
right	722	13	Front row - right
right	723	4	Instrument panel right
right	726	13	Front row - right
right	727	4	Instrument panel right
right	730	13	Front row - right
right	731	4	Instrument panel right
right	734	13	Front row - right
right	735	4	Instrument panel right
right	738	13	Front row - right
right	739	4	Instrument panel right
right	742	13	Front row - right
right	743	4	Instrument panel right
right	750	8	Right half of rim/spoke
right	812	13	Front seat - right side
right	815	3	Right front
right	910	1	Right
right	915	12	Right instrument panel and below
rigid	753	2	Rigid plastic
rim	749	*	RIM/SPOKE DEFORMATION
rim	750	*	RIM/SPOKE DEF LOCATION
rim	915	4	Steering wheel rim
ripped	558	5	Lacerated (ripped)
ripped	559	5	Lacerated (ripped)
road	376	5	Poor road conditions (puddle, pothole, i
roadside	354	4	On roadside or divided trafficway median
roadway	354	1	On roadway
roadway	376	80	Pedestrian in roadway
roadway	378	2	Stayed on roadway but left original trav
roadway	383	*	ROADWAY ALIGNMENT
roadway	384	*	ROADWAY PROFILE
roadway	385	*	ROADWAY SURFACE TYPE
roadway	386	*	ROADWAY SURFACE CONDITION
role	811	*	OCCUPANT'S ROLE
roll	357	*	DIRECTION OF INITIAL ROL
roll-bar	915	208	Roll-bar
rollover	209	31	Overturn - rollover (excludes end-over-e
rollover	352	*	ROLLOVER
rollover	353	*	ROLLOVER INITIATION TYPE
rollover	354	*	LOCATION OF ROLLOVER INI

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Item	Var	CV	Variable Name or Code Value
rollover	355	*	ROLLOVER INIT OBJ CONTAC
rollover	356	0	No rollover
rollover	357	0	No rollover
rollover	361	5	Rollover
rollover	507	31	Overturn - rollover (excludes end-over-e
rollover	517	15	O - Rollover (includes side)
rollover	519	31	Overturn - rollover (excludes end-over-e
rollover	529	15	O - Rollover (includes side)
romeo	307	31	Alfa Romeo
roof	309	1	Convertible (excludes sun roof, t-bar)
roof	337	*	ROOF
roof	338	*	OPTIONAL ROOF 1
roof	339	*	OPTIONAL ROOF 2
roof	351	1	Convertible (excludes sun roof, t-bar)
roof	606	4	Roof
roof	612	5	Door support (i.e., pillar, sill, roof s
roof	613	5	Door support (i.e., pillar, sill, roof s
roof	614	5	Door support (i.e., pillar, sill, roof s
roof	615	5	Door support (i.e., pillar, sill, roof s
roof	616	5	Door support (i.e., pillar, sill, roof s
roof	707	13	Roof (or convertible top)
roof	711	13	Roof (or convertible top)
roof	715	13	Roof (or convertible top)
roof	719	13	Roof (or convertible top)
roof	723	13	Roof (or convertible top)
roof	727	13	Roof (or convertible top)
roof	731	13	Roof (or convertible top)
roof	735	13	Roof (or convertible top)
roof	739	13	Roof (or convertible top)
roof	743	13	Roof (or convertible top)
roof	815	7	Roof
roof	816	2	Nonfixed roof structure
roof	915	59	Left side window glass + 1 or more from:
room	908	2	Hospital/medical records other than emer
rotation	377	2	Skidding longitudinally - rotation less
routine	361	1	Reconstruction program - damage only rou
rover	307	62	Land Rover
row	706	11	Front row - left
row	710	11	Front row - left
row	714	11	Front row - left
row	718	11	Front row - left
row	722	11	Front row - left
row	726	11	Front row - left
row	730	11	Front row - left
row	734	11	Front row - left
row	738	11	Front row - left
row	742	11	Front row - left
row	915	164	Center console - first row
royal	309	21	Large van (Sportsman, Royal, Ram, Chevy
royal	351	21	Large van (Sportsman, Royal, Ram, Chevy
ruled	111	2	Fatal - ruled disease
ruled	402	2	Fatal - ruled disease
ruled	864	2	Fatal - ruled disease
ruled	868	96	Fatal - ruled disease
ruled	869	97	Other result (includes fatal ruled disea
ruled	870	97	Other result (includes fatal ruled disea
ruled	871	97	Other result (includes fatal ruled disea

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
running	340	*	DAYLIGHT RUNNING LIGHTS
rupture	920	18	R - Rupture
ruptured	845	2	Ruptured
saab	307	47	Saab
safari	309	20	Minivan (Astro, Caravan, Plymouth Vista,
safari	351	20	Minivan (Astro, Caravan, Plymouth Vista,
safety	821	12	Shoulder belt used with child safety sea
safety	822	7	Lap belt or lap and shoulder belt used i
safety	828	7	Automatic lap and shoulder belt or autom
safety	830	6	Child safety seat
safety	857	+	No child safety seat
safety	858	0	No child safety seat
safety	859	0	No child safety seat
safety	860	0	No child safety seat
safety	861	0	No child safety seat
safety	862	0	No child safety seat
safety	915	162	Child safety seat
sag	384	5	Sag
sand	386	5	Sand, dirt or oil
sand	388	7	Other (e.g. smog, smoke, blowing sand or
saturday	108	7	Saturday
saturn	307	24	Saturn
scale	873	*	GLASGOW COMA SCALE SCORE
scene	111	5	Treatment at scene
scene	402	5	Treatment at scene
scene	864	5	Treatment at scene - nontransported
school	207	24	Van based school bus (< or = 4,536 kgs G
school	210	24	Van based school bus (< or = 4,536 kgs G
school	309	24	Van based school bus (< 4,536 kgs GVWR)
school	327	2	Vehicle used as school bus
school	351	24	Van based school bus (< 4,536 kgs GVWR)
school	389	4	School zone sign
scope	361	4	At least one vehicle is beyond the scope
score	873	*	GLASGOW COMA SCALE SCORE
score	878	*	INJURY SEVERITY SCORE
scout	309	15	Large utility (includes Jeep Cherokee, R
scout	351	15	Large utility (includes Jeep Cherokee, R
scraped	558	6	Abraded (scraped)
scraped	559	6	Abraded (scraped)
seam	558	2	Deformed, no seam failure
seam	559	2	Deformed, no seam failure
seat	399	*	AIR BAG DEPLOY 1ST SEAT
seat	400	*	AIR BAG DEPLOY OTH SEAT
seat	707	20	Front seat back
seat	711	20	Front seat back
seat	715	20	Front seat back
seat	719	20	Front seat back
seat	723	20	Front seat back
seat	727	20	Front seat back
seat	731	20	Front seat back
seat	735	20	Front seat back
seat	739	20	Front seat back
seat	743	20	Front seat back
seat	812	*	OCCUPANT'S SEAT POSITION
seat	813	1	Kneeling or standing on seat
seat	821	12	Shoulder belt used with child safety sea
seat	822	2	Belt used properly with child seat

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
seat	828	2	Automatic belt used properly with child
seat	830	6	Child safety seat
seat	852	*	SEAT TYPE
seat	853	*	SEAT ORIENTATION
seat	854	*	SEAT TRACK
seat	855	*	SEAT BACK INCLINE
seat	856	*	SEAT PERFORMANCE
seat	857	*	CHILD SEAT MAKE/MODEL
seat	858	*	CHILD SEAT TYPE
seat	859	*	CHILD SEAT ORIENTATION
seat	860	*	CHILD SEAT HARNESS USE
seat	861	*	CHILD SEAT SHIELD USE
seat	862	*	CHILD SEAT TETHER USE
seat	915	151	Seat, back support
seatback	915	575	Seatback trays
seated	852	0	Occupant not seated or no seat
seated	853	0	Occupant not seated or no seat
seated	854	0	Occupant not seated or no seat
seated	855	0	Occupant not seated or no seat
seated	856	0	Occupant not seated or no seat
seating	812	99	Unknown seating position
section	750	1	Section A
sedan	309	2	2-door sedan, hardtop, coupe
sedan	351	2	2-door sedan, hardtop, coupe
see	374	2	Looked but did not see
selector	915	7	Steering column, transmission, selector
sensor	401	18	R - Dual air bags front and side / activ
separate	852	4	Bench with separate back cushions
separated	373	6	Separated pole from base
separated	823	4	Upper anchorage separated
separated	829	4	Upper anchorage separated
separation	558	7	Filler neck separation from the fuel tan
separation	559	7	Filler neck separation from the fuel tan
separation	920	7	G - Detachment, separation
september	106	9	September
sequence	205	*	EVENT SEQUENCE NUMBER
sequence	400	4	Deployed as a result of a noncollision e
sequence	506	*	ACCIDENT SEQUENCE (1)
sequence	518	*	ACCIDENT SEQUENCE (2)
sequence	833	4	Air bag deployed as a result of a noncol
sequence	835	4	Air bag deployed as a result of a noncol
series	331	98	Some vehicles of this series (*)
series	332	98	Some vehicles of this series (*)
series	341	*	VINA SERIES TRUCK
serious	112	3	Serious injury
serious	403	3	Serious injury
serious	819	2	Removed from vehicle due to perceived se
serious	877	3	Serious injury
serious	914	3	Serious injury
seriously	113	*	NUM SERIOUSLY INJ OCC
seriously	404	*	NUM SERIOUSLY INJURED
seventeen	352	17	Rollover - seventeen or more quarter tur
severance	920	5	E - Total severance, transection
severe	112	4	Severe injury
severe	350	998	Not applicable (most severe impact not w
severe	351	98	Not applicable (most severe impact not w
severe	361	8	Severe override

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
severe	367	8	Severe
severe	403	4	Severe injury
severe	877	4	Severe injury
severe	914	4	Severe injury
severity	112	7	Injury, unknown severity
severity	403	7	Injury, unknown severity
severity	565	998	No highest severity end plane impact
severity	863	*	INJURY SEVERITY
severity	877	7	Injury, unknown severity
severity	878	*	INJURY SEVERITY SCORE
severity	914	*	AIS SEVERITY
sex	808	*	SEX
sheared	373	2	Cracked/sheared
shield	858	4	Booster seat - with shield
shield	861	*	CHILD SEAT SHIELD USE
shoulder	354	2	On shoulder - paved
shoulder	820	2	Shoulder belt
shoulder	821	2	Shoulder belt
shoulder	822	3	Shoulder belt worn under arm
shoulder	824	*	SHOULDER BELT ANCHOR ADJ
shoulder	828	3	Automatic shoulder belt worn under arm
shoulder	830	2	Shoulder belt
shoulder	919	19	S - Shoulder
shroud	915	574	Engine shroud/cover
shrubbery	209	43	Shrubbery or bush
shrubbery	355	43	Shrubbery or bush
shrubbery	507	43	Shrubbery or bush
shrubbery	519	43	Shrubbery or bush
side	208	2	(R) Right Side
side	211	2	(R) Right Side
side	309	12	Large limousine - more than four side do
side	351	12	Large limousine - more than four side do
side	356	2	Side plane
side	376	10	Over the lane line on left side of trave
side	399	4	Driver side only deployed
side	401	2	B - Driver front air bag / passenger sid
side	514	12	L - Left side
side	517	15	O - Rollover (includes side)
side	526	12	L - Left side
side	529	15	O - Rollover (includes side)
side	551	1	Vehicle exterior (front, side, back, top
side	554	2	Aft of center of the rear wheels (rear a
side	555	2	Aft of center of the rear wheels (rear a
side	556	2	Aft of center of the rear wheels (rear a
side	557	2	Aft of center of the rear wheels (rear a
side	606	2	Door (side)
side	612	5	Door support (i.e., pillar, sill, roof s
side	613	5	Door support (i.e., pillar, sill, roof s
side	614	5	Door support (i.e., pillar, sill, roof s
side	615	5	Door support (i.e., pillar, sill, roof s
side	616	5	Door support (i.e., pillar, sill, roof s
side	707	10	Side panel - forward of A-pillar (A1/A2)
side	711	10	Side panel - forward of A-pillar (A1/A2)
side	715	10	Side panel - forward of A-pillar (A1/A2)
side	719	10	Side panel - forward of A-pillar (A1/A2)
side	723	10	Side panel - forward of A-pillar (A1/A2)
side	727	10	Side panel - forward of A-pillar (A1/A2)

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
side	731	10	Side panel - forward of A-pillar (A1/A2)
side	735	10	Side panel - forward of A-pillar (A1/A2)
side	739	10	Side panel - forward of A-pillar (A1/A2)
side	743	10	Side panel - forward of A-pillar (A1/A2)
side	812	11	Front seat - left side (driver's side)
side	853	3	Side facing seat (inward)
side	915	15	Windshield +: front header,A-pillar (A1/
sideswipe	118	5	Sideswipe, same direction
sideswipe	361	7	Sideswipe type damage
sideswipe	517	19	S - Sideswipe
sideswipe	529	19	S - Sideswipe
sideways	813	4	Sitting sideways or turned to talk with
sierra	309	31	Large pickup (Jeep Pickup, Comanche, Sil
sierra	351	31	Large pickup (Jeep Pickup, Comanche, Sil
sign	389	2	Stop sign
signal	389	1	Traffic control signal (not RR crossing)
sill	612	5	Door support (i.e., pillar, sill, roof s
sill	613	5	Door support (i.e., pillar, sill, roof s
sill	614	5	Door support (i.e., pillar, sill, roof s
sill	615	5	Door support (i.e., pillar, sill, roof s
sill	616	5	Door support (i.e., pillar, sill, roof s
sill	707	18	Floor pan (includes sill)
sill	711	18	Floor pan (includes sill)
sill	715	18	Floor pan (includes sill)
sill	719	18	Floor pan (includes sill)
sill	723	18	Floor pan (includes sill)
sill	727	18	Floor pan (includes sill)
sill	731	18	Floor pan (includes sill)
sill	735	18	Floor pan (includes sill)
sill	739	18	Floor pan (includes sill)
sill	743	18	Floor pan (includes sill)
sill	915	58	Left side window sill
silverado	309	31	Large pickup (Jeep Pickup, Comanche, Sil
silverado	351	31	Large pickup (Jeep Pickup, Comanche, Sil
single	309	61	Single unit straight truck (4,536 kgs <
single	351	61	Single unit straight truck (4,536 kgs <
sitting	813	3	Kneeling, standing or sitting in front o
sixteen	352	16	Rollover - sixteen quarter turns
size	207	4	Full size (wheelbase => 278 but < 291 cm
size	210	4	Full size (wheelbase => 278 but < 291 cm
skeletal	911	5	Skeletal (includes joints)
skeletal	921	19	S - Skeletal
skidding	377	2	Skidding longitudinally - rotation less
skin	911	9	Skin
skull	919	8	H - Head - skull
slag	385	4	Slag, gravel or stone
sleepy	374	11	Sleepy or fell asleep
sleet	388	2	Sleet/hail
slide-in	309	32	Pickup with slide-in camper
slide-in	351	32	Pickup with slide-in camper
slush	386	3	Snow or slush
smog	388	7	Other (e.g. smog, smoke, blowing sand or
smoke	388	7	Other (e.g. smog, smoke, blowing sand or
smoking	374	14	Smoking related
snow	386	3	Snow or slush
snow	388	3	Snow
snowmobile	309	91	Snowmobile

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
snowmobile	351	91	Snowmobile
sodium	562	13	Sodium metal chloride battery
sodium	563	13	Sodium metal chloride battery
source	846	*	AB DAMAGE SOURCE
source	908	*	INJURY DATA SOURCE
source	915	*	INJURY SOURCE
source	917	7	Injured, unknown source
special	327	*	VEHICLE SPECIAL USE
specific	869	96	Mode of death given but specific injurie
specific	870	96	Mode of death given but specific injurie
specific	871	96	Mode of death given but specific injurie
specific	912	*	SPECIFIC ANATOMIC STRUCT
specified	830	5	Belt used, type not specified
specimen	395	*	OTH DRUG - SPECIMEN TEST
speed	366	*	BARRIER EQUIVALENT SPEED
speed	368	*	SPEED LIMIT (KMPH)
speed	369	*	TRAVEL SPEED (KMPH)
speed	370	*	IMPACT SPEED
speed	376	51	Traveling in same direction with lower s
spinal	921	3	C - Spinal cord
spine	909	6	Spine
spine	919	2	B - Back - thoracolumbar spine
spleen	921	17	Q - Spleen
split	852	6	Split bench with separate back cushions
spoke	749	*	RIM/SPOKE DEFORMATION
spoke	750	*	RIM/SPOKE DEF LOCATION
spoke	915	5	Steering wheel hub/spoke
sportsman	309	21	Large van (Sportsman, Royal, Ram, Chevy
sportsman	351	21	Large van (Sportsman, Royal, Ram, Chevy
sprain	920	19	S - Sprain
stability	377	*	PRE-IMPACT STABILITY
stake	309	40	Cab chassis based (includes rescue vehic
stake	351	40	Cab chassis based (includes rescue vehic
stalled	376	2	Stalled engine
standard	330	2	4 wheel standard
standard	340	19	S - Standard
standing	813	1	Kneeling or standing on seat
starting	375	4	Starting in traffic lane
station	207	16	Utility station wagon (< or = 4,536 kgs
station	210	16	Utility station wagon (< or = 4,536 kgs
station	309	6	Station Wagon (excluding van and truck b
station	351	6	Station Wagon (excluding van and truck b
status	641	*	WIN PRECRASH STAT - WS
status	642	*	WIN PRECRASH STAT - LF
status	643	*	WIN PRECRASH STAT - RF
status	644	*	WIN PRECRASH STAT - LR
status	645	*	WIN PRECRASH STAT - RR
status	646	*	WIN PRECRASH STAT - BL
status	647	*	WIN PRECRASH STAT - RO
status	648	*	WIN PRECRASH STAT - OT
status	817	*	MEDIUM STATUS
statutory	368	0	No statutory limit
stay	866	*	HOSPITAL STAY
stayed	378	1	Stayed in original travel lane
steady	376	51	Traveling in same direction with lower s
steering	379	6	Steering left
steering	707	1	Steering assembly

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
steering	711	1	Steering assembly
steering	715	1	Steering assembly
steering	719	1	Steering assembly
steering	723	1	Steering assembly
steering	727	1	Steering assembly
steering	731	1	Steering assembly
steering	735	1	Steering assembly
steering	739	1	Steering assembly
steering	743	1	Steering assembly
steering	746	*	STEERING COLUMN TYPE
steering	747	*	STEERING COLUMN TILT
steering	748	*	STEERING COLUMN TELESCOP
steering	749	0	No steering rim deformation
steering	750	0	No steering rim deformation
steering	915	4	Steering wheel rim
step	309	22	Step van or walk-in van (< 4,536 kgs GVW
step	351	22	Step van or walk-in van (< 4,536 kgs GVW
sterling	307	61	Sterling
stone	385	4	Slag, gravel or stone
stopped	369	0	Stopped vehicle or traveling less than 0
stopped	375	5	Stopped in traffic lane
stopped	376	50	Other vehicle stopped
storage	915	302	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 (4,536 kgs <
straight	351	61	Single unit straight truck (4,536 kgs <
straight	375	1	Going straight
straight	383	1	Straight
strain	920	20	T - Strain
straps	847	2	Yes (specify number of tether straps)
stratrum	119	*	PSU STRATRUM
street	376	65	From crossing street - turning into same
stretched	309	12	Large limousine - more than four side do
stretched	351	12	Large limousine - more than four side do
stretched	823	2	Torn webbing (stretched webbing not incl
stretched	829	2	Torn webbing (stretched webbing not incl
striker	612	2	Latch/striker failure due to damage
striker	613	2	Latch/striker failure due to damage
striker	614	2	Latch/striker failure due to damage
striker	615	2	Latch/striker failure due to damage
striker	616	2	Latch/striker failure due to damage
striking	915	513	Other exterior of striking vehicle
strip	381	1	Divided trafficway-median strip without
structure	517	1	A - Overhanging structure
structure	529	1	A - Overhanging structure
structure	612	4	Door structure failure due to damage
structure	613	4	Door structure failure due to damage
structure	614	4	Door structure failure due to damage
structure	615	4	Door structure failure due to damage
structure	616	4	Door structure failure due to damage
structure	816	2	Nonfixed roof structure
structure	817	3	Integral structure
structure	911	*	TYPE OF ANATOMIC STRUCT
structure	912	*	SPECIFIC ANATOMIC STRUCT
student	309	50	School bus (designed to carry students,
student	351	50	School bus (designed to carry students,

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
study	121	*	AOPSS STUDY
style	309	39	Unknown (pickup style) light conventiona
style	351	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	351	16	Utility station wagon (Chevy Suburban,GM
successful	375	17	Successful avoidance maneuver to a previ
sulfur	562	14	Sodium sulfur battery
sulfur	563	14	Sodium sulfur battery
summary	908	2	Hospital/medical records other than emer
sun	309	1	Convertible (excludes sun roof, t-bar)
sun	337	2	Manual sun / moon roof
sun	338	2	Manual sun / moon roof
sun	339	2	Manual sun / moon roof
sun	351	1	Convertible (excludes sun roof, t-bar)
sunday	108	1	Sunday
sunglasses	850	2	Eyeglasses/sunglasses
sunroof	915	207	Sunroof/components
sunvisor	915	3	Sunvisor
super	335	26	Z - Unknown super charged
superior	910	7	Superior
support	612	5	Door support (i.e., pillar, sill, roof s
support	613	5	Door support (i.e., pillar, sill, roof s
support	614	5	Door support (i.e., pillar, sill, roof s
support	615	5	Door support (i.e., pillar, sill, roof s
support	616	5	Door support (i.e., pillar, sill, roof s
support	915	151	Seat, back support
supported	852	8	Pedestal (i.e., column supported)
surface	385	*	ROADWAY SURFACE TYPE
surface	386	*	ROADWY SURFACE CONDITION
surface	707	31	Outside surface of this vehicle
surface	711	31	Outside surface of this vehicle
surface	715	31	Outside surface of this vehicle
surface	719	31	Outside surface of this vehicle
surface	723	31	Outside surface of this vehicle
surface	727	31	Outside surface of this vehicle
surface	731	31	Outside surface of this vehicle
surface	735	31	Outside surface of this vehicle
surface	739	31	Outside surface of this vehicle
surface	743	31	Outside surface of this vehicle
surface	813	7	Bracing with feet or hands on a surface
surface	915	51	Left side interior surface (excluding ha
suzuki	307	53	Suzuki
swamp	309	90	ATV (all terrain vehicle including dune/
swamp	351	90	ATV (all terrain vehicle including dune/
switch	401	21	U - Dual front air bag / active belts w/
switches	915	409	Additional or relocated switches (specif
system	398	2	VIN determined air bag system
system	401	3	C - Dual front air bags / belt system un
system	551	2	Exhaust system
system	564	1	Yes, no damage to any tank or filler cap
system	822	8	Other improper use of manual belt system
system	826	*	AUTO (PASSIV) SYSTEM USE
system	827	*	AUTO BELT SYSTEM TYPE

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
system	828	8	Other improper use of automatic belt sys
system	836	*	AIR BAG SYSTEM FAILURE
system	838	1	Original manufacturer installed system
system	915	154	Other restraint system component
system	921	*	OIC - SYSTEM ORGAN
tailgate	707	26	Back door/panel (e.g. tailgate)
tailgate	711	26	Back door/panel (e.g. tailgate)
tailgate	715	26	Back door/panel (e.g. tailgate)
tailgate	719	26	Back door/panel (e.g. tailgate)
tailgate	723	26	Back door/panel (e.g. tailgate)
tailgate	727	26	Back door/panel (e.g. tailgate)
tailgate	731	26	Back door/panel (e.g. tailgate)
tailgate	735	26	Back door/panel (e.g. tailgate)
tailgate	739	26	Back door/panel (e.g. tailgate)
tailgate	743	26	Back door/panel (e.g. tailgate)
tailgate	816	1	Door/hatch/tailgate
talk	813	4	Sitting sideways or turned to talk with
talking	374	5	While talking or listening to cellular p
tank	551	3	Fuel tank (and other fuel retention syst
tank	552	*	TYPE OF FUEL TANK 1
tank	553	*	TYPE OF FUEL TANK 2
tank	554	*	FUEL TANK 1 LOCATION
tank	555	*	FUEL TANK 2 LOCATION
tank	556	*	FUEL TANK 1 FILLER CAP
tank	557	*	FUEL TANK 2 FILLER CAP
tank	558	*	FUEL TANK 1 DAMAGE
tank	559	*	FUEL TANK 2 DAMAGE
tank	560	0	No fuel tank
tank	561	0	No fuel tank
tank	562	0	No fuel tank
tank	563	0	No fuel tank
tank	564	*	MORE THAN 2 FUEL TANKS
tape	915	9	Add-on equipment (e.g., tape deck, air c
taxi	327	1	Taxi
t-bar	309	1	Convertible (excludes sun roof, t-bar)
t-bar	351	1	Convertible (excludes sun roof, t-bar)
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	508	13	Intra-unit force (TDC only)
tdc	513	10	Extent zone 0A (TDC ONLY)
tdc	520	13	Intra-unit force (TDC only)
tdc	525	10	Extent zone 0A (TDC ONLY)
tear	843	3	Deployed, unknown if flap(s) opened at d
technology	756	*	ADAPTIVE TECHNOLOGY
telephone	915	8	Cellular telephone or CB radio
telescoping	746	3	Telescoping column
telescoping	748	*	STEERING COLUMN TELESCOP
tempered	633	2	AS-2 - Tempered
tempered	634	2	AS-2 - Tempered
tempered	635	2	AS-2 - Tempered
tempered	636	2	AS-2 - Tempered
tempered	637	2	AS-2 - Tempered
tempered	638	2	AS-2 - Tempered
tempered	639	2	AS-2 - Tempered
tempered	640	2	AS-2 - Tempered
tempered-tinted	633	3	AS-3 - Tempered-tinted (original)
tempered-tinted	634	3	AS-3 - Tempered-tinted (original)

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
tempered-tinted	635	3	AS-3 - Tempered-tinted (original)
tempered-tinted	636	3	AS-3 - Tempered-tinted (original)
tempered-tinted	637	3	AS-3 - Tempered-tinted (original)
tempered-tinted	638	3	AS-3 - Tempered-tinted (original)
tempered-tinted	639	3	AS-3 - Tempered-tinted (original)
tempered-tinted	640	3	AS-3 - Tempered-tinted (original)
term	808	6	Female - pregnant - term unknown
terrain	309	90	ATV (all terrain vehicle including dune/
terrain	351	90	ATV (all terrain vehicle including dune/
territories	396	1	Driver not a resident of U.S. or territo
test	393	*	ALCOHOL TEST RESULT
test	395	*	OTH DRUG - SPECIMEN TEST
tether	847	2	Yes (specify number of tether straps)
tether	862	*	CHILD SEAT TETHER USE
tethered	847	*	AB TETHERED
thermal	846	6	Thermal burns
thigh	919	20	T - Thigh
thing	309	14	Compact utility (includes Jeep CJ-2 thru
thing	351	14	Compact utility (includes Jeep CJ-2 thru
thirteen	352	13	Rollover - thirteen quarter turns
thoracolumbar	919	2	B - Back - thoracolumbar spine
thorax	909	4	Thorax
three-wheel	309	13	Three-wheel automobile or automobile der
three-wheel	351	13	Three-wheel automobile or automobile der
thursday	108	5	Thursday
thyroid	921	20	T - Thyroid, other endocrine gland
tie-downs	915	407	Wheelchair tie-downs
tilt	746	2	Tilt column
tilt	747	*	STEERING COLUMN TILT
tilted	373	3	Tilted < 45 degrees
time	109	*	ACCIDENT TIME
time	819	1	Removed from vehicle while unconscious o
time	868	*	TIME TO DEATH
tint	633	4	AS-2 - Tempered-tinted after market tint
tint	634	4	AS-2 - Tempered-tinted after market tint
tint	635	4	AS-2 - Tempered-tinted after market tint
tint	636	4	AS-2 - Tempered-tinted after market tint
tint	637	4	AS-2 - Tempered-tinted after market tint
tint	638	4	AS-2 - Tempered-tinted after market tint
tint	639	4	AS-2 - Tempered-tinted after market tint
tint	640	4	AS-2 - Tempered-tinted after market tint
tire	356	1	Wheels/tires
tire	376	1	Blow out or flat tire
tire	915	453	Other exterior surface or tires
toddler	858	2	Toddler seat
toe	707	5	Toe pan
toe	711	5	Toe pan
toe	715	5	Toe pan
toe	719	5	Toe pan
toe	723	5	Toe pan
toe	727	5	Toe pan
toe	731	5	Toe pan
toe	735	5	Toe pan
toe	739	5	Toe pan
toe	743	5	Toe pan
toe	915	251	Floor including toe pan
top	208	8	(T) Top

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
top	211	8	(T) Top
top	514	20	T - Top
top	526	20	T - Top
top	551	1	Vehicle exterior (front, side, back, top
top	707	13	Roof (or convertible top)
top	711	13	Roof (or convertible top)
top	715	13	Roof (or convertible top)
top	719	13	Roof (or convertible top)
top	723	13	Roof (or convertible top)
top	727	13	Roof (or convertible top)
top	731	13	Roof (or convertible top)
top	735	13	Roof (or convertible top)
top	739	13	Roof (or convertible top)
top	743	13	Roof (or convertible top)
top	915	205	Roof or convertible top
torn	823	2	Torn webbing (stretched webbing not incl
torn	829	2	Torn webbing (stretched webbing not incl
torn	845	4	Torn
total	361	*	BASIS FOR TOTAL DELTA-V
total	362	*	TOTAL DELTA-V
total	920	5	E - Total severance, transection
tow	309	40	Cab chassis based (includes rescue vehic
tow	351	40	Cab chassis based (includes rescue vehic
towed	323	0	Not towed due to vehicle damage
towed	326	*	TOWED TRAILING UNIT
towed	547	0	Not towed due to vehicle damage
toyota	307	49	Toyota
toyota	309	30	Compact pickup (Ram 50, Dakota, Arrow Pi
toyota	351	30	Compact pickup (Ram 50, Dakota, Arrow Pi
track	567	*	ORIGINAL AVE. TRACK WID.
track	826	2	Automatic belt not in use (manually disc
track	854	*	SEAT TRACK
track	856	4	Seat track/anchors failed
tracking	377	1	Tracking
tractor	207	67	Tractor without trailer
tractor	208	5	(D) Back (rear of tractor)
tractor	210	67	Tractor without trailer
tractor	211	5	(D) Back (rear of tractor)
tractor-trailer	207	68	Tractor-trailer(s)
tractor-trailer	210	68	Tractor-trailer(s)
traffic	209	54	Concrete traffic barrier
traffic	355	54	Concrete traffic barrier
traffic	375	2	Decelerating in traffic lane
traffic	389	*	TRAFFIC CONTROL DEVICE
traffic	390	0	No traffic control device
traffic	507	54	Concrete traffic barrier
traffic	519	54	Concrete traffic barrier
trafficway	354	4	On roadside or divided trafficway median
trafficway	381	*	TRAFFICWAY FLOW
trafficway-median	381	1	Divided trafficway-median strip without
trailduster	309	15	Large utility (includes Jeep Cherokee, R
trailduster	351	15	Large utility (includes Jeep Cherokee, R
trailer	207	67	Tractor without trailer
trailer	208	4	(B) Back or TDC: back of unit with cargo
trailer	209	78	Trailer, disconnected in transport
trailer	210	67	Tractor without trailer
trailer	211	4	(B) Back or TDC: back of unit with cargo

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
trailer	309	67	Truck-tractor with no cargo trailer
trailer	351	67	Truck-tractor with no cargo trailer
trailer	355	78	Trailer, disconnected in transport
trailer	507	78	Trailer, disconnected in transport
trailer	519	78	Trailer, disconnected in transport
trailing	326	*	TOWED TRAILING UNIT
train	209	77	Train
train	355	77	Train
train	507	77	Train
train	519	77	Train
trajectory	361	2	Reconstruction program - damage and traj
trajectory	370	998	Trajectory algorithm
trajectory	372	*	TRAJECTORY DATA DOC
transection	920	5	E - Total severance, transection
transit	309	50	School bus (designed to carry students,
transit	351	50	School bus (designed to carry students,
translated	208	98	(?) Not translated
translated	211	98	(?) Not translated
transmission	915	7	Steering column, transmission, selector
transport	118	0	Not collision with vehicle in transport
transport	209	78	Trailer, disconnected in transport
transport	355	78	Trailer, disconnected in transport
transport	507	78	Trailer, disconnected in transport
transport	519	78	Trailer, disconnected in transport
transported	111	4	Transported and released
transported	402	4	Transported and released
transported	864	4	Transported and released
trauma	865	1	Trauma center
travel	369	*	TRAVEL SPEED (KMPH)
travel	375	7	Disabled or parked in travel lane
travel	376	10	Over the lane line on left side of trave
travel	378	1	Stayed in original travel lane
travel	382	*	NUMBER OF TRAVEL LANES
travelall	309	16	Utility station wagon (Chevy Suburban,GM
travelall	351	16	Utility station wagon (Chevy Suburban,GM
traveling	369	0	Stopped vehicle or traveling less than 0
traveling	376	6	Traveling too fast for conditions
trays	915	575	Seatback trays
treated	111	8	Transported to a medical facility - unkn
treated	864	8	Transported to a medical facility - unkn
treated	865	0	Not treated at a medical facility
treated	873	1	Injured - not treated at medical facilit
treatment	111	*	MAXIMUM TREATMENT
treatment	402	*	MAXIMUM TREATMENT
treatment	864	*	TREATMENT/MORTALITY
treatment	865	5	Treatment later at medical facility
tree	209	41	Tree (< or = 10 cm in diameter)
tree	355	41	Tree (< or = 10 centimeters in diameter)
tree	373	*	POST COLL TREE/POLE COND
tree	507	41	Tree (< or = 10 cm in diameter)
tree	519	41	Tree (< or = 10 cm in diameter)
trimester	808	3	Female - pregnant - 1st trimester (1st-3
trip	356	*	PRIN TRIP FORCE APPLIED
trip-over	353	1	Trip-over
triumph	307	50	Triumph
truck	207	30	Compact Pickup truck (< or = 4,536 kgs G
truck	208	4	(B) Back or TDC: back of unit with cargo

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
truck	209	70	Passenger car, light truck, van or other
truck	210	30	Compact Pickup truck (< or = 4,536 kgs G
truck	211	4	(B) Back or TDC: back of unit with cargo
truck	309	6	Station Wagon (excluding van and truck b
truck	327	7	Fire truck or car
truck	328	0	No override/underride, or not an end-ove
truck	329	0	No override/underride, or not end-over-e
truck	341	*	VINA SERIES TRUCK
truck	342	20	T - Truck
truck	348	*	TRUCK WEIGHT CODE
truck	351	6	Station Wagon (excluding van and truck b
truck	355	70	Passenger car, light truck, van or other
truck	507	70	Passenger car, light truck, van or other
truck	519	70	Passenger car, light truck, van or other
truck-tractor	309	67	Truck-tractor with no cargo trailer
truck-tractor	351	67	Truck-tractor with no cargo trailer
trunk	551	5	Cargo/trunk compartment
tuesday	108	3	Tuesday
turbo	335	3	C - 1 barrel turbo
turned	813	4	Sitting sideways or turned to talk with
turning	375	10	Turning right
turning	376	15	Turning left at intersection
turn-over	353	3	Turn-over
turn-over	355	31	Turn-over - fall-over
twelve	352	12	Rollover - twelve quarter turns
unable	401	14	N - If unable to determine
unavailable	342	99	Unknown or unavailable
unconscious	819	1	Removed from vehicle while unconscious o
undeformed	565	*	UNDEFORMED END WIDTH
under	348	1	6,000 lbs & under
under	819	4	Exited from vehicle under own power
under	822	3	Shoulder belt worn under arm
under	828	3	Automatic shoulder belt worn under arm
undercarriage	208	9	(U) Undercarriage
undercarriage	211	9	(U) Undercarriage
undercarriage	356	4	Undercarriage
undercarriage	514	21	U - Undercarriage
undercarriage	526	21	U - Undercarriage
undercarriage	915	511	Undercarriage
underride	328	*	FRONT OVERRIDE/UNDERRIDE
underride	329	*	REAR OVERRIDE/UNDERRIDE
undetermined	750	10	Undetermined location
unenclosed	812	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 (4,536 kgs <
unit	326	*	TOWED TRAILING UNIT
unit	351	61	Single unit straight truck (4,536 kgs <
unit	874	2	Yes - Blood given (specify units)
unit	915	404	Low effort power steering (unit or devic
unlisted	707	98	Intrusion of unlisted component(s)
unlisted	711	98	Intrusion of unlisted component(s)
unlisted	715	98	Intrusion of unlisted component(s)
unlisted	719	98	Intrusion of unlisted component(s)
unlisted	723	98	Intrusion of unlisted component(s)
unlisted	727	98	Intrusion of unlisted component(s)
unlisted	731	98	Intrusion of unlisted component(s)

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
unlisted	735	98	Intrusion of unlisted component(s)
unlisted	739	98	Intrusion of unlisted component(s)
unlisted	743	98	Intrusion of unlisted component(s)
unpaved	354	3	On shoulder - unpaved
unspecified	909	9	Unspecified
untreatable	112	6	Maximum (untreatable) injury
untreatable	403	6	Maximum (untreatable) injury
untreatable	877	6	Maximum (untreatable) injury
untreatable	914	6	Maximum (untreatable)
uphill	384	2	Uphill grade (> 2%)
upper	750	5	Upper half of rim/spoke
upper	823	4	Upper anchorage separated
upper	824	1	No upper anchorage adjustment for manual
upper	829	4	Upper anchorage separated
upper	909	7	Upper Extremity
upper	919	1	A - Arm (upper)
upright	824	2	In full upright position
upright	855	24	Moved to upright position
uprooted	373	5	Uprooted tree
urogenital	921	7	G - Urogenital
utility	207	14	Compact utility vehicle
utility	210	14	Compact utility vehicle
utility	309	14	Compact utility (includes Jeep CJ-2 thru
utility	351	14	Compact utility (includes Jeep CJ-2 thru
u-turn	375	12	Making U-turn
van	207	21	Large van (< or = 4,536 kgs GVWR)
van	209	70	Passenger car, light truck, van or other
van	210	21	Large van (< or = 4,536 kgs GVWR)
van	309	6	Station Wagon (excluding van and truck b
van	351	6	Station Wagon (excluding van and truck b
van	355	70	Passenger car, light truck, van or other
van	507	70	Passenger car, light truck, van or other
van	519	70	Passenger car, light truck, van or other
van	852	9	Box mounted seat (i.e., van type)
variable	879	9	Variable dropped in 2000
vein	921	1	A - Arteries - veins
vent	560	6	Vent/emission recovery
vent	561	6	Vent/emission recovery
vent	848	*	AIR BAG VENT PORTS
vertebrae	921	22	V - Vertebrae
vertical	511	*	VERT/LAT LOCATION (1)
vertical	516	*	VERT/LAT LOC (1)-NUMERIC
vertical	523	*	VERT/LAT LOCATION (2)
vertical	528	*	VERT/LAT LOC (2)-NUMERIC
vertical	709	1	Vertical
vertical	713	1	Vertical
vertical	717	1	Vertical
vertical	721	1	Vertical
vertical	725	1	Vertical
vertical	729	1	Vertical
vertical	733	1	Vertical
vertical	737	1	Vertical
vertical	741	1	Vertical
vertical	745	1	Vertical
vessels	911	2	Vessels
vin	310	*	VIN
vin	311	*	VIN - CHARACTER #1

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	321	*	VIN LENGTH
vin	343	*	VIN VEH WEIGHT - CAR
vin	344	*	VIN MODEL CARS
vin	345	*	VIN BODY TYPE
vin	346	*	VIN MAKE
vin	347	*	VIN MODEL YEAR
vin	398	2	VIN determined air bag system
vina	341	*	VINA SERIES TRUCK
vinrtn	330	8	Unknown (VINRTN)
vista	309	20	Minivan (Astro, Caravan, Plymouth Vista,
vista	351	20	Minivan (Astro, Caravan, Plymouth Vista,
volkswagen	307	30	Volkswagen
volvo	307	51	Volvo
voyager-pre83	309	21	Large van (Sportsman, Royal, Ram, Chevy
voyager-pre83	351	21	Large van (Sportsman, Royal, Ram, Chevy
wagon	207	16	Utility station wagon (< or = 4,536 kgs
wagon	210	16	Utility station wagon (< or = 4,536 kgs
wagon	309	6	Station Wagon (excluding van and truck b
wagon	351	6	Station Wagon (excluding van and truck b
wagoneer	309	16	Utility station wagon (Chevy Suburban,GM
wagoneer	351	16	Utility station wagon (Chevy Suburban,GM
walk-in	309	22	Step van or walk-in van (< 4,536 kgs GVW
walk-in	351	22	Step van or walk-in van (< 4,536 kgs GVW
walk-in	908	4	Private physician - walk-in or emergency
wall	209	58	Wall
wall	355	58	Wall
wall	507	58	Wall
wall	519	58	Wall
wall	915	411	Wall mounted head rest (used behind whee
warning	389	6	Warning sign (not RR crossing)
webbing	823	2	Torn webbing (stretched webbing not incl
webbing	829	2	Torn webbing (stretched webbing not incl
webbing	915	152	Belt restraint webbing/buckle
wednesday	108	4	Wednesday
week	108	*	ACCIDENT DAY OF WEEK
weight	324	*	VEHICLE CURB WEIGHT
weight	325	*	VEHICLE CARGO WEIGHT
weight	343	*	VIN VEH WEIGHT - CAR
weight	348	*	TRUCK WEIGHT CODE
weight	350	*	WEIGHT - OTHER VEHICLE
weight	810	*	WEIGHT
wet	386	2	Wet
wheel	330	2	4 wheel standard
wheel	331	*	FOUR WHEEL DRIVE
wheel	332	*	FRONT WHEEL DRIVE
wheel	333	*	FRONT/REAR WHEEL DRIVE
wheel	334	*	# WHEELS/# DRIVE WHEELS
wheel	356	1	Wheels/tires

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
wheel	376	3	Disabling vehicle failure (e.g. wheel fe
wheel	554	1	Aft of center of the rear wheels (rear a
wheel	555	1	Aft of center of the rear wheels (rear a
wheel	556	2	Aft of center of the rear wheels (rear a
wheel	557	2	Aft of center of the rear wheels (rear a
wheel	750	9	Complete steering wheel collapse
wheel	915	4	Steering wheel rim
wheelbase	207	1	Subcompact/mini (wheelbase < 254 cm)
wheelbase	210	1	Subcompact/mini (wheelbase < 254 cm)
wheelbase	548	*	ORIGINAL WHEELBASE
wheelchair	915	407	Wheelchair tie-downs
white	307	82	Freightliner/White Freightliner/White
white	397	1	White (non-Hispanic)
whole	910	0	Whole region
whole	911	1	Whole Area
whole	919	9	I - N + B - Whole Spine
wide	517	23	W - Wide impact area
wide	529	23	W - Wide impact area
width	565	*	UNDEFORMED END WIDTH
width	566	*	DIRECT DAMAGE WIDTH
width	567	*	ORIGINAL AVE. TRACK WID.
window	606	6	Side window
window	641	*	WIN PRECRASH STAT - WS
window	642	*	WIN PRECRASH STAT - LF
window	643	*	WIN PRECRASH STAT - RF
window	644	*	WIN PRECRASH STAT - LR
window	645	*	WIN PRECRASH STAT - RR
window	646	*	WIN PRECRASH STAT - BL
window	647	*	WIN PRECRASH STAT - RO
window	648	*	WIN PRECRASH STAT - OT
window	707	17	Window frame
window	711	17	Window frame
window	715	17	Window frame
window	719	17	Window frame
window	723	17	Window frame
window	727	17	Window frame
window	731	17	Window frame
window	735	17	Window frame
window	739	17	Window frame
window	743	17	Window frame
window	813	4	Sitting sideways or turned to talk with
window	915	56	Left side window glass
windshield	606	1	Windshield
windshield	707	15	Windshield
windshield	711	15	Windshield
windshield	715	15	Windshield
windshield	719	15	Windshield
windshield	723	15	Windshield
windshield	727	15	Windshield
windshield	731	15	Windshield
windshield	735	15	Windshield
windshield	739	15	Windshield
windshield	743	15	Windshield
windshield	815	1	Windshield
windshield	915	1	Windshield
working	867	*	WORKING DAYS LOST
worn	822	3	Shoulder belt worn under arm

CDS 2002 Index (continued)

Item	Var	CV	Variable Name or Code Value
worn	828	3	Automatic shoulder belt worn under arm
worn	846	2	Object worn by occupant
worn	850	*	EYEWEAR WORN
wrangler	309	14	Compact utility (includes Jeep CJ-2 thru
wrangler	351	14	Compact utility (includes Jeep CJ-2 thru
wrist	919	23	W - Wrist - hand
x-rays	908	3	Emergency room records only (including a
yamaha	307	76	Yamaha
year	107	*	ACCIDENT YEAR
year	306	*	MODEL YEAR
year	347	*	VIN MODEL YEAR
year	807	0	Up to one year
yield	389	3	Yield sign
yielding	361	9	Yielding object
yugo	307	57	Yugo
zip	396	*	DRIVER'S ZIP CODE
zone	389	4	School zone sign
zone	513	1	Extent zone 1
zone	525	1	Extent zone 1
2-door	309	2	2-door sedan, hardtop, coupe
2-door	351	2	2-door sedan, hardtop, coupe
3-door	309	3	3-door/2-door hatchback
3-door	351	3	3-door/2-door hatchback
4-door	309	4	4-door sedan, hardtop
4-door	351	4	4-door sedan, hardtop
5-door	309	5	5-door/4-door hatchback
5-door	351	5	5-door/4-door hatchback
75mph	368	121	121 kmph (75mph)

CDS

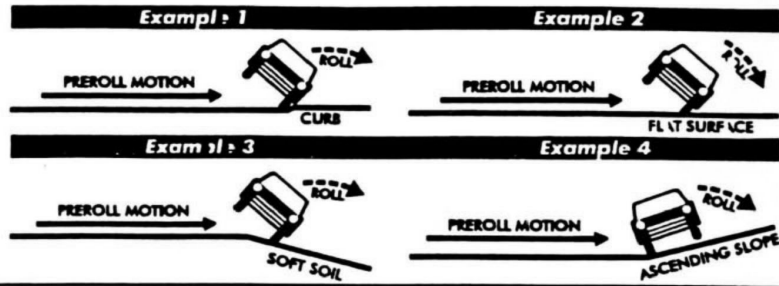
APPENDIX A

Code Values for Variable 353

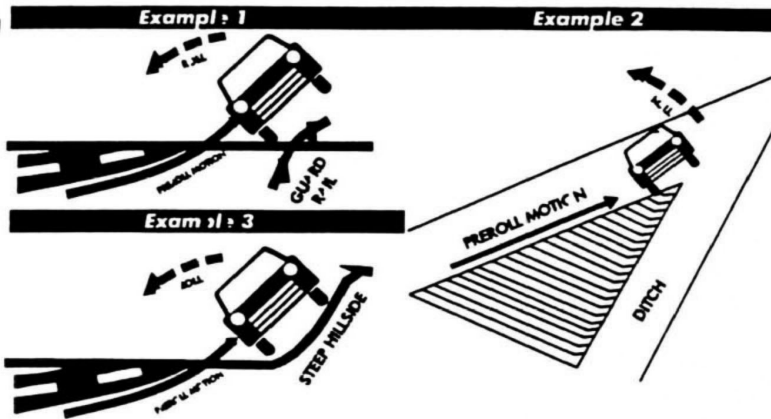
"Rollover Initiation Type"

CODING GUIDE FOR ROLLOVER INITIATION TYPES

01 Trip-Over: Vehicle lateral motion is resisted by opposing force, inducing roll moment.



02 Flip-Over: Forward-moving vehicle is vigorously rotated about its longitudinal axis by ramp-like object such as a guardrail taper or ditch back slope.



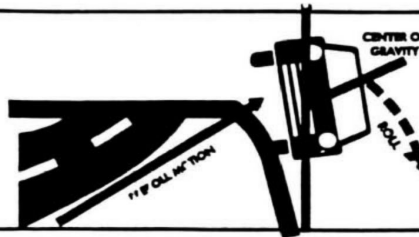
03 Turn Over: Centrifugal forces from a sharply turning or rotating vehicle produce a rollover moment when resisted by surface friction.



04 Climb-Over: Vehicle climbs up and over fixed object such as barrier.



05 Fall-Over: Vehicle is tipped by slope so that its center of gravity is outboard of its wheels.



06 Bounce-Over: Any case where vehicle rebounds off fixed object (such as a guardrail), overturns as a consequence.



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APPENDIX B

Code Values for Variable 371

"Accident Type"

Category	Configuration	ACCIDENT TYPES (Includes Intent)						
I Single Driver	A Right Roadside Departure	01 DRIVE OFF ROAD	02 CONTROL/ TRACTION LOSS	03 AVOID COLLISION WITH VEH., PED., ANIM.	04 SPECIFICS OTHER	05 SPECIFICS UNKNOWN		
	B Left Roadside Departure	06 DRIVE OFF ROAD	07 CONTROL/ TRACTION LOSS	08 AVOID COLLISION WITH VEH., PED., ANIM.	09 SPECIFICS OTHER	10 SPECIFICS UNKNOWN		
	C Forward Impact	11 PARKED VEH.	12 STA. OBJECT	13 PEDESTRIAN/ ANIMAL	14 END DEPARTURE	15 SPECIFICS OTHER	16 SPECIFICS UNKNOWN	
II Same Trafficway Same Direction	D Rear-End	20 STOPPED 21, 22, 23	21 SLOWER 25, 26, 27	24 DECEL. 28, 30, 31	26 AVOID COLLISION WITH VEH.	28 AVOID COLLISION WITH OBJECT	(EACH • 32) SPECIFICS OTHER	(EACH • 33) SPECIFICS UNKNOWN
	E Forward Impact	34 CONTROL/ TRACTION LOSS	36 CONTROL/ TRACTION LOSS	38 AVOID COLLISION WITH VEH.	40 AVOID COLLISION WITH OBJECT	(EACH • 42) SPECIFICS OTHER	(EACH • 43) SPECIFICS UNKNOWN	
	F Sideswipe Angle	44 LATERAL MOVE	45 LATERAL MOVE	46 LATERAL MOVE	47 LATERAL MOVE	(EACH • 48) SPECIFICS OTHER	(EACH • 49) SPECIFICS UNKNOWN	
III Same Trafficway Opposite Direction	G Head-On	50 LATERAL MOVE	51 LATERAL MOVE	(EACH • 52) SPECIFICS OTHER	(EACH • 53) SPECIFICS UNKNOWN			
	H Forward Impact	54 CONTROL/ TRACTION LOSS	56 CONTROL/ TRACTION LOSS	58 AVOID COLLISION WITH VEH.	60 AVOID COLLISION WITH OBJECT	(EACH • 62) SPECIFICS OTHER	(EACH • 63) SPECIFICS UNKNOWN	
	I Sideswipe Angle	64 LATERAL MOVE	65 LATERAL MOVE	(EACH • 66) SPECIFICS OTHER	(EACH • 67) SPECIFICS UNKNOWN			
IV Change Trafficway Vehicle Turning	J Turn Across Path	68 INITIAL OPPOSITE DIRECTIONS	71 INITIAL SAME DIRECTIONS	73 TURN INTO OPPOSITE DIRECTIONS	72 TURN INTO OPPOSITE DIRECTIONS	(EACH • 74) SPECIFICS OTHER	(EACH • 75) SPECIFICS UNKNOWN	
	K Turn Into Path	77 TURN INTO SAME DIRECTION	79 TURN INTO SAME DIRECTION	80 TURN INTO OPPOSITE DIRECTIONS	81 TURN INTO OPPOSITE DIRECTIONS	83 TURN INTO OPPOSITE DIRECTIONS	(EACH • 84) SPECIFICS OTHER	(EACH • 85) SPECIFICS UNKNOWN
V Intersecting Paths (Vehicle Damage)	L Straight Paths	87 STRAIGHT PATHS	88 STRAIGHT PATHS	(EACH • 90) SPECIFICS OTHER	(EACH • 91) SPECIFICS UNKNOWN			
VI Miscel laneous	M Backing Etc	82 BACKING VEH.	83 OTHER VEH. OR OBJECT	98 Other Accident Type	99 Unknown Accident Type	00 No Impact		

