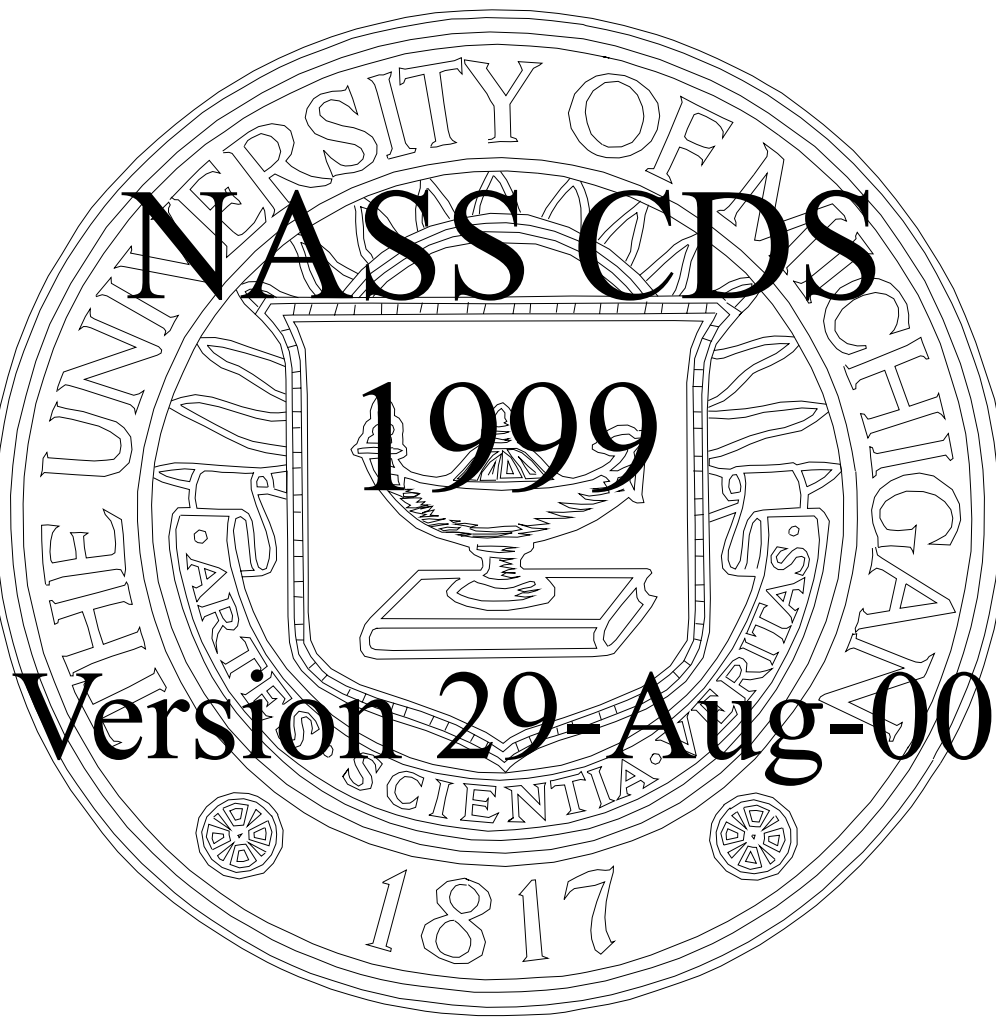


Transportation Data Center Data Set Codebook

NUMBER 2000-6

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The University of Michigan
Transportation Research Institute

NASS Crashworthiness Data System (CDS)

1999 Code Book - Version 29Aug00

Introduction

This code book documents data sets describing a sample of motor vehicle accidents that occurred in the USA during calendar year 1999. These sets represent the NASS Crashworthiness Data System distribution file dated August 29, 2000. 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 1988-1999 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 1999 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 Accident Sampling System, 1999 Crashworthiness Data System, Data Collection, Coding, and Editing Manual, January 1999.

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 1999 CDS Data Sets

DATA SET	KEY	Freq	VARIABLES
Accident	CDS99ACC	4,274	101-124,201-211
Injury	CDS99INJ	29,550	101-124,201-211,301-408, 501-569,601-648,701-756, 801-879,901-921
Occupant	CDS99OCC	9,770	101-124,201-211,301-408, 501-569,601-648,701-756, 801-879
Two-vehicle acc	CDS99TVA	2,406	101-124,201-211,301-408, 801-879,1301-1408, 1801-1879
Vehicle	CDS99VEH	7,490	101-124,201-211,301-408, 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 CDS99ACC, vehicle and vehicle damage frequencies from CDS99VEH, occupant frequencies from CDS99OCC, and injury frequencies from CDS99INJ.

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 - V124 - 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)
1999 - 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	4
118	MANNER OF COLLISION	1	Numeric	5
119	TRAUMA STUDIES	1	Numeric	5
120	PSU STRATRUM	2	Numeric	5
121	PED CRASH DATA STUDY	1	Numeric	5
122	IMPACT FIRES	1	Numeric	6
123	REDESIGNED AIR BAG	1	Numeric	6
124	TRUCK UNDERRIDE	1	Numeric	6

NASS Crashworthiness Data System (CDS)
1999 - 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	10
211	GEN AREA OF DAMAGE (2)	2	Numeric	11

NASS Crashworthiness Data System (CDS)
1999 - 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	42
310	VIN	10	Alphabetic	44
311	VIN - CHARACTER #1	1	Alphabetic	44
312	VIN - CHARACTER #2	1	Alphabetic	44
313	VIN - CHARACTER #3	1	Alphabetic	44
314	VIN - CHARACTER #4	1	Alphabetic	45
315	VIN - CHARACTER #5	1	Alphabetic	45
316	VIN - CHARACTER #6	1	Alphabetic	45
317	VIN - CHARACTER #7	1	Alphabetic	45
318	VIN - CHARACTER #8	1	Alphabetic	45
319	VIN - CHARACTER #9	1	Alphabetic	45
320	VIN - CHARACTER #10	1	Alphabetic	45
321	VIN LENGTH	2	Numeric	45
322	TYPE OF VEH INSPECTION	1	Numeric	45
323	VEHICLE DISPOSITION	1	Numeric	46
324	VEHICLE CURB WEIGHT	3	Numeric	46
325	VEHICLE CARGO WEIGHT	3	Numeric	46
326	TOWED TRAILING UNIT	1	Numeric	47
327	VEHICLE SPECIAL USE	1	Numeric	47
328	FRONT OVERRIDE/UNDERRIDE	1	Numeric	47
329	REAR OVERRIDE/UNDERRIDE	1	Numeric	48
330	ANTILOCK BRAKES	1	Numeric	48
331	FOUR WHEEL DRIVE	2	Numeric	48
332	FRONT WHEEL DRIVE	2	Numeric	49
333	FRONT/REAR WHEEL DRIVE	1	Numeric	49
334	# WHEELS/# DRIVE WHEELS	2	Numeric	49
335	CARBURETION	2	Numeric	49
336	FUEL CODE	2	Numeric	50
337	ROOF	1	Numeric	50
338	OPTIONAL ROOF 1	1	Numeric	51
339	OPTIONAL ROOF 2	1	Numeric	51
340	DAYLIGHT RUNNING LIGHTS	2	Numeric	51
341	VINA SERIES TRUCK	3	Alphabetic	52
342	TYPE OF VEHICLE	2	Numeric	52
343	VIN VEH WEIGHT - CAR	4	Numeric	52
344	VIN MODEL CARS	3	Alphabetic	52
345	VIN BODY TYPE	2	Alphabetic	52
346	VIN MAKE	5	Alphabetic	54
347	VIN MODEL YEAR	4	Numeric	54
348	TRUCK WEIGHT CODE	1	Numeric	54
349	MTRCYCLE ENGINE DISPLACE	4	Numeric	54
350	WEIGHT - OTHER VEHICLE	3	Numeric	55

NASS Crashworthiness Data System (CDS)
1999 - General Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
351	BODY TYPE - OTHER VEH	2	Numeric	55
352	ROLLOVER	2	Numeric	57
353	ROLLOVER INITIATION TYPE	2	Numeric	58
354	LOCATION OF ROLLOVER INI	1	Numeric	58
355	ROLLOVER INIT OBJ CONTAC	2	Numeric	58
356	PRIN TRIP FORCE APPLIED	1	Numeric	59
357	DIRECTION OF INITIAL ROL	1	Numeric	60
358	HEADING ANGLE - THIS VEH	3	Numeric	60
359	HEADING ANGLE - OTH VEH	3	Numeric	61
360	RECONSTRUCT CONFIDENCE	1	Numeric	61
361	BASIS FOR TOTAL DELTA-V	2	Numeric	61
362	TOTAL DELTA-V	3	Numeric	62
363	LONG COMPONENT DELTA-V	4	Numeric	62
364	LAT COMPONENT DELTA-V	4	Numeric	62
365	ENERGY ABSORPTION	4	Numeric	62
366	BARRIER EQUIVALENT SPEED	3	Numeric	63
367	EST HIGHEST DELTA V	1	Numeric	63
368	SPEED LIMIT (KPH)	3	Numeric	63
369	TRAVEL SPEED (KPH)	3	Numeric	64
370	IMPACT SPEED	3	Numeric	64
371	ACCIDENT TYPE	2	Numeric	64
372	TRAJECTORY DATA DOC	1	Numeric	64
373	POST COLL TREE/POLE COND	1	Numeric	65
374	DISTRACTION TO DRIVING	2	Numeric	65
375	PRE-EVENT MOVEMENT	2	Numeric	66
376	CRITICAL PRECRASH EVENT	2	Numeric	66
377	PRE-IMPACT STABILITY	1	Numeric	68
378	PRE-IMPACT LOCATION	1	Numeric	68
379	ATTEMPTED AVOID MANEUVER	2	Numeric	68
380	RELATION TO INTERCHANGE	1	Numeric	69
381	TRAFFICWAY FLOW	1	Numeric	69
382	NUMBER OF TRAVEL LANES	1	Numeric	69
383	ROADWAY ALIGNMENT	1	Numeric	69
384	ROADWAY PROFILE	1	Numeric	70
385	ROADWAY SURFACE TYPE	1	Numeric	70
386	ROADWY SURFACE CONDITION	1	Numeric	70
387	LIGHT CONDITIONS	1	Numeric	71
388	ATMOSPHERIC CONDITIONS	1	Numeric	71
389	TRAFFIC CONTROL DEVICE	1	Numeric	71
390	CONTROL DEVICE FUNCTION	1	Numeric	72
391	DRIVER PRESENCE	1	Numeric	72
392	ALCOHOL PRESENCE	1	Numeric	72
393	ALCOHOL TEST RESULT	2	Numeric	72
394	OTHER DRUG PRESENCE	1	Numeric	73
395	OTH DRUG - SPECIMEN TEST	1	Numeric	73
396	DRIVER'S ZIP CODE	5	Numeric	73
397	DRIVER'S RACE/ETHNIC	1	Numeric	74
398	AOPS VEHICLE	1	Numeric	74
399	AIR BAG DEPLOY 1ST SEAT	1	Numeric	74
400	AIR BAG DEPLOY OTH SEAT	1	Numeric	75

NASS Crashworthiness Data System (CDS)
1999 - General Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
401	RESTRAINT TYPE	2	Numeric	75
402	MAXIMUM TREATMENT	1	Numeric	75
403	MAXIMUM KNOWN AIS	1	Numeric	76
404	NUM SERIOUSLY INJURED	2	Numeric	76
405	NUMBER INJURED	2	Numeric	76
406	NUMBER OF OCCUPANTS	2	Numeric	77
407	NUMBER OCCUPANT FORMS	2	Numeric	77
408	DELTA V EVENT NUMBER	2	Numeric	77

NASS Crashworthiness Data System (CDS)
1999 - Exterior Damage

Variable Number	Variable Name	Width	Storage Type	Page Number
501	PSU NUMBER	2	Numeric	79
502	CASE NUMBER	4	Alphabetic	79
503	RECORD NUMBER	2	Numeric	79
504	VERSION NUMBER	2	Numeric	79
505	VEHICLE NUMBER	2	Numeric	79
506	ACCIDENT SEQUENCE (1)	2	Numeric	80
507	OBJECT CONTACTED (1)	2	Numeric	80
508	DIRECTION OF FORCE (1)	2	Numeric	81
509	DEFORMATION LOCATION (1)	1	Alphabetic	82
510	LONG/LAT LOCATION (1)	1	Alphabetic	82
511	VERT/LAT LOCATION (1)	1	Alphabetic	83
512	TYPE OF DISTRIB (1)	1	Alphabetic	83
513	DEFORMATION EXTENT (1)	2	Numeric	83
514	DEFORM LOC (1) - NUMERIC	2	Numeric	83
515	LONG/LAT LOC (1)-NUMERIC	2	Numeric	84
516	VERT/LAT LOC (1)-NUMERIC	2	Numeric	84
517	TYPE OF DISTRIB (1)-NUM	2	Numeric	85
518	ACCIDENT SEQUENCE (2)	2	Numeric	86
519	OBJECT CONTACTED (2)	2	Numeric	86
520	DIRECTION OF FORCE (2)	2	Numeric	87
521	DEFORMATION LOCATION (2)	1	Alphabetic	88
522	LONG/LAT LOCATION (2)	1	Alphabetic	88
523	VERT/LAT LOCATION (2)	1	Alphabetic	88
524	TYPE OF DISTRIB (2)	1	Alphabetic	88
525	DEFORMATION EXTENT (2)	2	Numeric	88
526	DEFORM LOC (2) - NUMERIC	2	Numeric	89
527	LONG/LAT LOC (2)-NUMERIC	2	Numeric	89
528	VERT/LAT LOC (2)-NUMERIC	2	Numeric	90
529	TYPE OF DISTRIB (2)-NUM	2	Numeric	91
530	HIGHEST DELTA-V - "L"	3	Numeric	91
531	HIGHEST DELTA-V - "C1"	3	Numeric	91
532	HIGHEST DELTA-V - "C2"	3	Numeric	91
533	HIGHEST DELTA-V - "C3"	3	Numeric	91
534	HIGHEST DELTA-V - "C4"	3	Numeric	92
535	HIGHEST DELTA-V - "C5"	3	Numeric	92
536	HIGHEST DELTA-V - "C6"	3	Numeric	92
537	HIGHEST DELTA-V - "D"	4	Numeric	92
538	SECOND DELTA-V - "L"	3	Numeric	92
539	SECOND DELTA-V - "C1"	3	Numeric	92
540	SECOND DELTA-V - "C2"	3	Numeric	92
541	SECOND DELTA-V - "C3"	3	Numeric	92
542	SECOND DELTA-V - "C4"	3	Numeric	92
543	SECOND DELTA-V - "C5"	3	Numeric	92
544	SECOND DELTA-V - "C6"	3	Numeric	93
545	SECOND DELTA-V - "D"	4	Numeric	93
546	CDC'S DOC/NOT CODED	1	Numeric	93
547	VEHICLE DISPOSITION	1	Numeric	93
548	ORIGINAL WHEELBASE	3	Numeric	93
549	MULTI-STAGE VEHICLE	1	Numeric	94
550	FIRE OCCURRENCE	1	Numeric	94

NASS Crashworthiness Data System (CDS)
1999 - Exterior Damage

Variable Number	Variable Name	Width	Storage Type	Page Number
551	ORIGIN OF FIRE	1	Numeric	94
552	TYPE OF FUEL TANK 1	1	Numeric	94
553	TYPE OF FUEL TANK 2	1	Numeric	95
554	FUEL TANK 1 LOCATION	1	Numeric	95
555	FUEL TANK 2 LOCATION	1	Numeric	95
556	FUEL TANK 1 FILLER CAP	1	Numeric	96
557	FUEL TANK 2 FILLER CAP	1	Numeric	96
558	FUEL TANK 1 DAMAGE	1	Numeric	97
559	FUEL TANK 2 DAMAGE	1	Numeric	97
560	LOCATION OF FUEL 1 LEAK	1	Numeric	97
561	LOCATION OF FUEL 2 LEAK	1	Numeric	98
562	FUEL TYPE 1	2	Numeric	98
563	FUEL TYPE 2	2	Numeric	99
564	MORE THAN 2 FUEL TANKS	1	Numeric	99
565	UNDEFORMED END WIDTH	3	Numeric	100
566	DIRECT DAMAGE WIDTH	3	Numeric	100
567	ORIGINAL AVE. TRACK WID.	3	Numeric	100
568	PDOF1-CLOCK DEGREES	3	Numeric	100
569	PDOF2-CLOCK DEGREES	3	Numeric	101

NASS Crashworthiness Data System (CDS)
1999 - Interior Damage A

Variable Number	Variable Name	Width	Storage Type	Page Number
601	PSU NUMBER	2	Numeric	103
602	CASE NUMBER	4	Alphabetic	103
603	RECORD NUMBER	2	Numeric	103
604	VERSION NUMBER	2	Numeric	103
605	VEHICLE NUMBER	2	Numeric	103
606	PASS COMPART INTEGRITY	2	Numeric	104
607	DOOR/GATE/HATCH OPN - LF	1	Numeric	104
608	DOOR/GATE/HATCH OPN - RF	1	Numeric	104
609	DOOR/GATE/HATCH OPN - LR	1	Numeric	105
610	DOOR/GATE/HATCH OPN - RR	1	Numeric	105
611	DOOR/GATE/HATCH OPN - TG	1	Numeric	105
612	DOOR/GATE/HATCH DAM - LF	1	Numeric	106
613	DOOR/GATE/HATCH DAM - RF	1	Numeric	106
614	DOOR/GATE/HATCH DAM - LR	1	Numeric	106
615	DOOR/GATE/HATCH DAM - RR	1	Numeric	107
616	DOOR/GATE/HATCH DAM - TG	1	Numeric	107
617	IMPACT GLAZING DAM - WS	1	Numeric	108
618	IMPACT GLAZING DAM - LF	1	Numeric	108
619	IMPACT GLAZING DAM - RF	1	Numeric	109
620	IMPACT GLAZING DAM - LR	1	Numeric	109
621	IMPACT GLAZING DAM - RR	1	Numeric	109
622	IMPACT GLAZING DAM - BL	1	Numeric	110
623	IMPACT GLAZING DAM - RO	1	Numeric	110
624	IMPACT GLAZING DAM - OTH	1	Numeric	110
625	CONTACT GLAZING DAM - WS	1	Numeric	111
626	CONTACT GLAZING DAM - LF	1	Numeric	111
627	CONTACT GLAZING DAM - RF	1	Numeric	112
628	CONTACT GLAZING DAM - LR	1	Numeric	112
629	CONTACT GLAZING DAM - RR	1	Numeric	113
630	CONTACT GLAZING DAM - BL	1	Numeric	113
631	CONTACT GLAZING DAM - RO	1	Numeric	113
632	CONTACT GLAZING DAM - OT	1	Numeric	114
633	TYPE OF GLAZING - WS	1	Numeric	114
634	TYPE OF GLAZING - LF	1	Numeric	115
635	TYPE OF GLAZING - RF	1	Numeric	115
636	TYPE OF GLAZING - LR	1	Numeric	115
637	TYPE OF GLAZING - RR	1	Numeric	116
638	TYPE OF GLAZING - BL	1	Numeric	116
639	TYPE OF GLAZING - RO	1	Numeric	116
640	TYPE OF GLAZING - OT	1	Numeric	117
641	WIN PRECRASH STAT - WS	1	Numeric	117
642	WIN PRECRASH STAT - LF	1	Numeric	118
643	WIN PRECRASH STAT - RF	1	Numeric	118
644	WIN PRECRASH STAT - LR	1	Numeric	118
645	WIN PRECRASH STAT - RR	1	Numeric	119
646	WIN PRECRASH STAT - BL	1	Numeric	119
647	WIN PRECRASH STAT - RO	1	Numeric	119
648	WIN PRECRASH STAT - OT	1	Numeric	120

NASS Crashworthiness Data System (CDS)
1999 - Interior Damage B

Variable Number	Variable Name	Width	Storage Type	Page Number
701	PSU NUMBER	2	Numeric	121
702	CASE NUMBER	4	Alphabetic	121
703	RECORD NUMBER	2	Numeric	121
704	VERSION NUMBER	2	Numeric	121
705	VEHICLE NUMBER	2	Numeric	121
706	INTRUSION LOCATION (1)	2	Numeric	122
707	INTRUDING COMPONENT (1)	2	Numeric	122
708	INTRUSION MAGNITUDE (1)	1	Numeric	123
709	CRUSH DIRECTION (1)	1	Numeric	123
710	INTRUSION LOCATION (2)	2	Numeric	124
711	INTRUDING COMPONENT (2)	2	Numeric	124
712	INTRUSION MAGNITUDE (2)	1	Numeric	125
713	CRUSH DIRECTION (2)	1	Numeric	125
714	INTRUSION LOCATION (3)	2	Numeric	126
715	INTRUDING COMPONENT (3)	2	Numeric	126
716	INTRUSION MAGNITUDE (3)	1	Numeric	127
717	CRUSH DIRECTION (3)	1	Numeric	127
718	INTRUSION LOCATION (4)	2	Numeric	128
719	INTRUDING COMPONENT (4)	2	Numeric	128
720	INTRUSION MAGNITUDE (4)	1	Numeric	129
721	CRUSH DIRECTION (4)	1	Numeric	129
722	INTRUSION LOCATION (5)	2	Numeric	130
723	INTRUDING COMPONENT (5)	2	Numeric	130
724	INTRUSION MAGNITUDE (5)	1	Numeric	131
725	CRUSH DIRECTION (5)	1	Numeric	131
726	INTRUSION LOCATION (6)	2	Numeric	132
727	INTRUDING COMPONENT (6)	2	Numeric	132
728	INTRUSION MAGNITUDE (6)	1	Numeric	133
729	CRUSH DIRECTION (6)	1	Numeric	133
730	INTRUSION LOCATION (7)	2	Numeric	134
731	INTRUDING COMPONENT (7)	2	Numeric	134
732	INTRUSION MAGNITUDE (7)	1	Numeric	135
733	CRUSH DIRECTION (7)	1	Numeric	135
734	INTRUSION LOCATION (8)	2	Numeric	136
735	INTRUDING COMPONENT (8)	2	Numeric	136
736	INTRUSION MAGNITUDE (8)	1	Numeric	137
737	CRUSH DIRECTION (8)	1	Numeric	137
738	INTRUSION LOCATION (9)	2	Numeric	138
739	INTRUDING COMPONENT (9)	2	Numeric	138
740	INTRUSION MAGNITUDE (9)	1	Numeric	139
741	CRUSH DIRECTION (9)	1	Numeric	139
742	INTRUSION LOCATION (10)	2	Numeric	140
743	INTRUDING COMPONENT (10)	2	Numeric	140
744	INTRUSION MAGNITUDE (10)	1	Numeric	141
745	CRUSH DIRECTION (10)	1	Numeric	141
746	STEERING COLUMN TYPE	1	Numeric	142
747	STEERING COLUMN TILT	1	Numeric	142
748	STEERING COLUMN TELESCOP	1	Numeric	142
749	RIM/SPOKE DEFORMATION	2	Numeric	142
750	RIM/SPOKE DEF LOCATION	2	Numeric	143

NASS Crashworthiness Data System (CDS)
1999 - Interior Damage B

Variable Number	Variable Name	Width	Storage Type	Page Number
751	ODOMETER READING	3	Numeric	143
752	INSTRUMENT PANEL DAMAGE	1	Numeric	144
753	KNEE BOLSTER TYPE	1	Numeric	144
754	KNEE BOLSTERS DEFORMED	1	Numeric	144
755	GLOVE COMPART DOOR OPEN	1	Numeric	144
756	ADAPTIVE TECHNOLOGY	1	Numeric	145

NASS Crashworthiness Data System (CDS)
1999 - Occupant Assessment

Variable Number	Variable Name	Width	Storage Type	Page Number
801	PSU NUMBER	2	Numeric	147
802	CASE NUMBER	4	Alphabetic	147
803	RECORD NUMBER	2	Numeric	147
804	VERSION NUMBER	2	Numeric	147
805	VEHICLE NUMBER	2	Numeric	147
806	OCCUPANT NUMBER	2	Numeric	148
807	AGE	2	Numeric	148
808	SEX	1	Numeric	148
809	HEIGHT	3	Numeric	148
810	WEIGHT	3	Numeric	149
811	ROLE	1	Numeric	149
812	SEAT POSITION	2	Numeric	149
813	POSTURE	1	Numeric	150
814	EJECTION	1	Numeric	150
815	EJECTION AREA	1	Numeric	150
816	EJECTION MEDIUM	1	Numeric	151
817	MEDIUM STATUS	1	Numeric	151
818	ENTRAPMENT	1	Numeric	151
819	OCCUPANT MOBILITY	1	Numeric	151
820	MANUAL BELT AVAILABILITY	1	Numeric	152
821	MANUAL BELT USE	2	Numeric	152
822	MANUAL BELT PROPER USE	1	Numeric	153
823	MANUAL BELT FAILURE	1	Numeric	153
824	SHOULDER BELT ANCHOR ADJ	1	Numeric	153
825	AUTO RESTRAINT AVAILABLE	1	Numeric	154
826	AUTO (PASS) SYSTEM USE	1	Numeric	154
827	AUTO BELT SYSTEM TYPE	1	Numeric	154
828	PROPER USE OF AUTO BELT	1	Numeric	155
829	AUTO BELT FAILURE MODES	1	Numeric	155
830	PAR RESTRAINT USE	1	Numeric	155
831	AIR BAG AVAIL/FUN POLICE	1	Numeric	156
832	AIR BAG AVAIL/FUNCTION	1	Numeric	156
833	AIR BAG DEPLOYMENT	1	Numeric	156
834	AB AVAIL/OTHER	1	Numeric	157
835	AIR BAG DEPLOY/OTHER	1	Numeric	157
836	AIR BAG SYSTEM FAILURE	1	Numeric	158
837	AB DEPLOY/PREVIOUS ACC	1	Numeric	158
838	AIR BAG TYPE	1	Numeric	158
839	AIR BAG MAINTENANCE	1	Numeric	159
840	AIR BAG EVENT NUMBER	2	Numeric	159
841	CDC OF AIR BAG DEPLOY	1	Numeric	159
842	AB ASSOC LONG DELTA V	4	Numeric	160
843	AB FLAPS OPEN CORRECTLY	1	Numeric	160
844	AB FLAPS DAMAGED	1	Numeric	160
845	AB DAMAGED	2	Numeric	161
846	AB DAMAGE SOURCE	2	Numeric	161
847	AB TETHERED	1	Numeric	162
848	AIR BAG VENT PORTS	1	Numeric	162
849	AB CONTACTED BY OTHER OC	1	Numeric	162
850	EYEWEAR WORN	1	Numeric	163

NASS Crashworthiness Data System (CDS)
1999 - Occupant Assessment

Variable Number	Variable Name	Width	Storage Type	Page Number
851	HEAD RESTRAINT TYPE/DAM	1	Numeric	163
852	SEAT TYPE	2	Numeric	163
853	SEAT ORIENTATION	1	Numeric	164
854	SEAT TRACK	1	Numeric	164
855	SEAT BACK INCLINE	2	Numeric	165
856	SEAT PERFORMANCE	1	Numeric	165
857	CHILD SEAT MAKE/MODEL	3	Numeric	166
858	CHILD SEAT TYPE	1	Numeric	169
859	CHILD SEAT ORIENTATION	2	Numeric	169
860	CHILD SEAT HARNESS USE	2	Numeric	170
861	CHILD SEAT SHIELD USE	2	Numeric	170
862	CHILD SEAT TETHER USE	2	Numeric	171
863	INJURY SEVERITY	1	Numeric	171
864	TREATMENT/MORTALITY	1	Numeric	171
865	TYPE OF MEDICAL FACILITY	1	Numeric	172
866	HOSPITAL STAY	2	Numeric	172
867	WORKING DAYS LOST	2	Numeric	172
868	TIME TO DEATH	2	Numeric	173
869	CAUSE OF DEATH-1-MED REP	2	Numeric	173
870	CAUSE OF DEATH-2-MED REP	2	Numeric	174
871	CAUSE OF DEATH-3-MED REP	2	Numeric	174
872	NUM RECORDED INJURIES	2	Numeric	174
873	GLASGOW COMA SCALE SCORE	2	Numeric	175
874	WAS OCCUPANT GIVEN BLOOD	1	Numeric	175
875	ARTERIAL BLOOD GASES	2	Numeric	175
876	BELT USE DETERMINATION	1	Numeric	176
877	MAXIMUM KNOWN AIS	1	Numeric	176
878	INJURY SEVERITY SCORE	2	Numeric	176
879	REDESIGN AIR BAG CLASS	1	Numeric	176

NASS CraKhworthiness Data System (CDS)
1999 - Occupant Injury

Variable Number	Variable Name	Width	Storage Type	Page Number
901	PSU NUMBER	2	Numeric	177
902	CASE NUMBER	4	Alphabetic	177
903	RECORD NUMBER	2	Numeric	177
904	VERSION NUMBER	2	Numeric	177
905	VEHICLE NUMBER	2	Numeric	177
906	OCCUPANT NUMBER	2	Numeric	178
907	INJURY NUMBER	2	Numeric	178
908	INJURY DATA SOURCE	1	Numeric	178
909	BODY REGION - AIS90	1	Numeric	178
910	ASPECT - AIS90	1	Numeric	179
911	TYPE OF ANATOMIC STRUCT	1	Numeric	179
912	SPECIFIC ANATOMIC STRUCT	2	Numeric	179
913	LEVEL OF INJURY	2	Numeric	180
914	AIS SEVERITY	1	Numeric	180
915	INJURY SOURCE	3	Numeric	181
916	CONFIDENCE LEVEL	1	Numeric	184
917	DIRECT/INDIRECT INJURY	1	Numeric	184
918	INTRUSION NUMBER	2	Numeric	184
919	OIC - BODY REGION	2	Numeric	185
920	OIC - LESION	2	Numeric	185
921	OIC - SYSTEM ORGAN	2	Numeric	186

The ACCIDENT Variables

Variables 101 through 124 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

29Aug00 Prcnt Code Value and Description

4274 100.0	1	Accident record
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Variable 104	VERSION NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

29Aug00 Prcnt Code Value and Description

4274 100.0	12	Version 12
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Variable 105	NUM GEN VEH FORMS SUBMIT	Width: 2	Type: Numeric
		Dec: None	Miss: None

Number of General Vehicle forms submitted

29Aug00 Prcnt Code Value and Description

1511 35.4	1	1 vehicle form
2406 56.3	2	2 vehicle forms
283 6.6	3	3 vehicle forms
59 1.4	4	4 vehicle forms
12 0.3	5	5 vehicle forms
1 0.0	6	6 vehicle forms
2 0.0	8	8 vehicle forms

NASS Crashworthiness Data System (CDS)
1999 - Accident

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

29Aug00 Prcnt Code Value and Description

313	7.3	1	January
336	7.9	2	February
359	8.4	3	March
342	8.0	4	April
381	8.9	5	May
357	8.4	6	June
357	8.4	7	July
354	8.3	8	August
366	8.6	9	September
376	8.8	10	October
343	8.0	11	November
390	9.1	12	December

<u>Variable 107</u>	<u>ACCIDENT YEAR</u>	Width: 4	Type: Numeric
		Dec: None	Miss: None

29Aug00 Prcnt Code Value and Description

4274	100.0	1999	1999
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<u>Variable 108</u>	<u>ACCIDENT DAY OF WEEK</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

29Aug00 Prcnt Code Value and Description

570	13.3	1	Sunday
590	13.8	2	Monday
621	14.5	3	Tuesday
606	14.2	4	Wednesday
576	13.5	5	Thursday
688	16.1	6	Friday
623	14.6	7	Saturday

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

Accident time of day - 2400-hour clock

29Aug00 Prcnt Code Value and Description

11	0.3	1	12:01 am
		-	
1	0.0	2359	11:59 pm
1	0.0	2400	Midnight
11	0.3	9999	Unknown

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

Number of events recorded in the accident

29Aug00	Prcnt	Code Value and Description
2362	55.3	1
		- Number of events
1	0.0	15

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

29Aug00	Prcnt	Code Value and Description
684	16.0	0 No treatment
392	9.2	1 Fatal
8	0.2	2 Fatal - ruled disease
1405	32.9	3 Hospitalization
1522	35.6	4 Transported and released
30	0.7	5 Treatment at scene
122	2.9	6 Treatment later
0	0.0	7 Treatment - other
58	1.4	8 Treatment - unknown treatment
53	1.2	9 Unknown

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

29Aug00	Prcnt	Code Value and Description
599	14.0	0 Not injured
1631	38.2	1 Minor injury
727	17.0	2 Moderate injury
552	12.9	3 Serious injury
201	4.7	4 Severe injury
234	5.5	5 Critical injury
76	1.8	6 Maximum (untreatable) injury
201	4.7	7 Injury, unknown severity
53	1.2	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

29Aug00	Prcnt	Code Value and Description
3148	73.7	0 None

Variable 113: NUM SERIOUSLY INJ OCC (Continued)

29Aug00 Prcnt Code Value and Description

936	21.9	1	
		-	Number of persons
2	0.0	5	
2	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

29Aug00 Prcnt Code Value and Description

650	15.2	0	None
1727	40.4	1	
		-	Number of persons
1	0.0	12	
2	0.0	99	Unknown

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

Was alcohol involved in the accident?

29Aug00 Prcnt Code Value and Description

812	19.0	1	Yes
2688	62.9	2	No
774	18.1	9	Unknown

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

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

Was drug usage involved in the accident?

29Aug00 Prcnt Code Value and Description

277	6.5	1	Yes
2599	60.8	2	No
1398	32.7	9	Not Coded

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

29Aug00	Prcnt		Code Value and Description
1560	36.5	0	Not collision with vehicle in transport
613	14.3	1	Rear-end
206	4.8	2	Head-on
1617	37.8	4	Angle
120	2.8	5	Sideswipe, same direction
108	2.5	6	Sideswipe, opposite direction
50	1.2	9	Unknown

Variable 119	TRAUMA STUDIES	Width: 1	Type: Numeric
		Dec: None	Miss: None

Trauma Studies (Administrative Use)

29Aug00	Prcnt		Code Value and Description
4274	100.0	0	No
0	0.0	1	Yes

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

29Aug00	Prcnt		Code Value and Description
285	6.7	1	
		-	
259	6.1	12	

Variable 121	PED CRASH DATA STUDY	Width: 1	Type: Numeric
		Dec: None	Miss: None

Pedestrian Crash Data Study, sampled at the following PSU's: 06, 41, 49, 72, 79, 82

29Aug00	Prcnt		Code Value and Description
4274	100.0	0	No
0	0.0	1	Yes

Variable 122	IMPACT FIRES	Width: 1	Type: Numeric
		Dec: None	Miss: None

Impact Fires Crash Data Study

29Aug00	Prcnt	Code Value and Description
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4225	98.9	0 No
49	1.1	1 Yes

Variable 123	REDESIGNED AIR BAG	Width: 1	Type: Numeric
		Dec: None	Miss: None

Redesigned Air Bag Study

29Aug00	Prcnt	Code Value and Description
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4072	95.3	0 No
202	4.7	1 Yes

Variable 124	TRUCK UNDERRIDE	Width: 1	Type: Numeric
		Dec: None	Miss: None

Truck Underride Case

29Aug00	Prcnt	Code Value and Description
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4217	98.7	0 No
57	1.3	1 Yes

The ACCIDENT EVENT SEQUENCE Variables

Variables 201 through 211 describe the accident event sequence.

Variable 201	PSU NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None
Variable 202	CASE NUMBER	Width: 4 Dec: None	Type: Alphabetic Miss: None
Variable 203	RECORD NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None
29Aug00 Prcnt	Code Value and Description		
4274 100.0	2	Event record	
Variable 204	VERSION NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None
29Aug00 Prcnt	Code Value and Description		
4274 100.0	12	Version 12	
Variable 205	EVENT SEQUENCE NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None
Chronological sequence of events in the accident			
29Aug00 Prcnt	Code Value and Description		
4274 100.0	1	1st event	
Variable 206	VEHICLE NUMBER (1)	Width: 2 Dec: None	Type: Numeric Miss: None
29Aug00 Prcnt	Code Value and Description		
4110 96.2	1	Vehicle #1	
128 3.0	2	Vehicle #2	
27 0.6	3	Vehicle #3	

Variable 206:VEHICLE NUMBER (1) (Continued)

29Aug00 Prcnt Code Value and Description

8	0.2	4	Vehicle #4
1	0.0	8	Vehicle #8

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

29Aug00 Prcnt Code Value and Description

0	0.0	0	Not a motor vehicle
682	16.0	1	Subcompact/mini (wheelbase < 254 cm)
878	20.5	2	Compact (wheelbase => 254 but < 265 cm)
764	17.9	3	Intermediate (wheelbase => 265 but < 278 cm)
281	6.6	4	Full size (wheelbase => 278 but < 291 cm)
183	4.3	5	Largest (wheelbase > or = 291 cm)
60	1.4	9	Unknown passenger car size
357	8.4	14	Compact utility vehicle
58	1.4	15	Large utility vehicle (< or = 4,536 kgs GVWR)
22	0.5	16	Utility station wagon (< or = 4,536 kgs GVWR)
1	0.0	19	Unknown utility type
203	4.7	20	Minivan (< or = 4,536 kgs GVWR)
86	2.0	21	Large van (< or = 4,536 kgs GVWR)
1	0.0	24	Van based school bus (< or = 4,536 kgs GVWR)
12	0.3	28	Other van type (< or = 4,536 kgs GVWR)
1	0.0	29	Unknown van type (< or = 4,536 kgs GVWR)
277	6.5	30	Compact Pickup truck (< or = 4,536 kgs GVWR)
301	7.0	31	Large Pickup truck (< or = 4,536 kgs GVWR)
1	0.0	38	Other Pickup truck (< or = 4,536 kgs GVWR)
8	0.2	39	Unknown Pickup truck (< or = 4,536 kgs GVWR)
12	0.3	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)
3	0.1	58	Other bus (> 4,536 kgs GVWR)
0	0.0	59	Unknown bus type
26	0.6	60	Truck (> 4,536 kgs GVWR)
5	0.1	67	Tractor without trailer
43	1.0	68	Tractor-trailer(s)
3	0.1	78	Unknown medium/heavy truck type
0	0.0	79	Unknown light/medium/heavy truck type
4	0.1	80	Motored cycle
0	0.0	90	Other vehicle
0	0.0	99	Unknown

NASS Crashworthiness Data System (CDS)
1999 - Accident Event Sequence

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

29Aug00	Prcnt	Code	Value and Description
0	0.0	0	(0) Not a motor vehicle
2639	61.7	1	(F) Front
581	13.6	2	(R) Right Side
597	14.0	3	(L) Left Side
160	3.7	4	(B) Back or TDC: back of unit with cargo area (rear of trailer or straight truck)
1	0.0	5	(D) Back (rear of tractor)
0	0.0	6	(C) Rear of cab
0	0.0	7	(V) Front of cargo area
211	4.9	8	(T) Top
64	1.5	9	(U) Undercarriage
0	0.0	96	(N) Non-collision
21	0.5	99	(9) Unknown

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

Vehicle or object contacted

29Aug00	Prcnt	Code	Value and Description
115	2.7	1	Vehicle Number 1
2553	59.7	2	Vehicle Number 2
41	1.0	3	Vehicle Number 3
5	0.1	4	Vehicle Number 4
			Noncollision
230	5.4	31	Overturn - rollover (excludes end-over-end)
1	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
0	0.0	38	Other noncollision
0	0.0	39	Noncollision - details unknown
			Collision with fixed object
27	0.6	41	Tree (< or = 10 cm in diameter)
216	5.1	42	Tree (> 10 cm in diameter)
7	0.2	43	Shrubbery or bush
62	1.5	44	Embankment
18	0.4	45	Breakaway pole or post (any diameter)
			Nonbreakaway pole or post
75	1.8	50	Pole or post (< or = 10 cm in diameter)
144	3.4	51	Pole or post (> 10 or < or = 30 cm in diameter)
67	1.6	52	Pole or post (> 30 cm in diameter)

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

29Aug00	Prcnt	Code	Value and Description
5	0.1	53	Pole, post - diameter unknown
87	2.0	54	Concrete traffic barrier
2	0.0	55	Impact attenuator
130	3.0	56	Other traffic barrier (includes guardrail)
38	0.9	57	Fence
40	0.9	58	Wall
9	0.2	59	Building
46	1.1	60	Ditch or culvert
14	0.3	61	Ground
12	0.3	62	Fire hydrant
84	2.0	63	Curb
27	0.6	64	Bridge
52	1.2	68	Other fixed object
2	0.0	69	Unknown fixed object
			Collision with nonfixed object
94	2.2	70	Passenger car, light truck, van or other vehicle not in-transport
6	0.1	71	Medium/heavy truck or bus not in-transport
2	0.0	72	Pedestrian
1	0.0	73	Cyclist or cycle
0	0.0	74	Other nonmotorist or conveyance
0	0.0	75	Vehicle occupant
22	0.5	76	Animal
6	0.1	77	Train
2	0.0	78	Trailer, disconnected in transport
4	0.1	79	Object fell from vehicle in transport
28	0.7	88	Other nonfixed object
0	0.0	89	Unknown nonfixed object
0	0.0	98	Other event
0	0.0	99	Unknown event or object

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

29Aug00	Prcnt	Code	Value and Description
1560	36.5	0	Not a motor vehicle
394	9.2	1	Subcompact/mini (wheelbase < 254 cm)
528	12.4	2	Compact (wheelbase => 254 but < 265 cm)
447	10.5	3	Intermediate (wheelbase => 265 but < 278 cm)
167	3.9	4	Full size (wheelbase => 278 but < 291 cm)
94	2.2	5	Largest (wheelbase > or = 291 cm)
38	0.9	9	Unknown passenger car size
224	5.2	14	Compact utility vehicle
36	0.8	15	Large utility vehicle (< or = 4,536 kgs GVWR)
16	0.4	16	Utility station wagon (< or = 4,536 kgs GVWR)

Variable 210:CLASS OF VEHICLE (2) (Continued)

29Aug00	Prcnt	Code	Value and Description
	2 0.0	19	Unknown utility type
153	3.6	20	Minivan (< or = 4,536 kgs GVWR)
50	1.2	21	Large van (< or = 4,536 kgs GVWR)
2	0.0	24	Van based school bus (< or = 4,536 kgs GVWR)
9	0.2	28	Other van type (< or = 4,536 kgs GVWR)
5	0.1	29	Unknown van type (< or = 4,536 kgs GVWR)
158	3.7	30	Compact Pickup truck (< or = 4,536 kgs GVWR)
175	4.1	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)
11	0.3	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)
10	0.2	58	Other bus (> 4,536 kgs GVWR)
3	0.1	59	Unknown bus type
62	1.5	60	Truck (> 4,536 kgs GVWR)
5	0.1	67	Tractor without trailer
86	2.0	68	Tractor-trailer(s)
7	0.2	78	Unknown medium/heavy truck type
3	0.1	79	Unknown light/medium/heavy truck type
6	0.1	80	Motored cycle
5	0.1	90	Other vehicle
0	0.0	99	Unknown

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

29Aug00	Prcnt	Code	Value and Description
1329	31.1	0	(0) Not a motor vehicle
1419	33.2	1	(F) Front
318	7.4	2	(R) Right Side
468	10.9	3	(L) Left Side
494	11.6	4	(B) Back or TDC: back of unit with cargo area (rear of trailer or straight truck)
7	0.2	5	(D) Back (rear of tractor)
0	0.0	6	(C) Rear of cab
1	0.0	7	(V) Front of cargo area
0	0.0	8	(T) Top
1	0.0	9	(U) Undercarriage

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

29Aug00 Prcnt Code Value and Description

231	5.4	96	(N) Non-collision
6	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 Dec: None	Type: Numeric Miss: None
Variable 302	CASE NUMBER	Width: 4 Dec: None	Type: Alphabetic Miss: None
Variable 303	RECORD NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None
29Aug00 Prcnt	Code Value and Description		
7490 100.0	3	General Vehicle record	
Variable 304	VERSION NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None
29Aug00 Prcnt	Code Value and Description		
7490 100.0	12	Version 12	
Variable 305	VEHICLE NUMBER	Width: 2 Dec: None	Type: Numeric Miss: None
29Aug00 Prcnt	Code Value and Description		
4274 57.1	1	Vehicle #1	
2763 36.9	2	Vehicle #2	
357 4.8	3	Vehicle #3	
74 1.0	4	Vehicle #4	
15 0.2	5	Vehicle #5	
3 0.0	6	Vehicle #6	
2 0.0	7	Vehicle #7	
2 0.0	8	Vehicle #8	

NASS Crashworthiness Data System (CDS)
1999 - General Vehicle

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

29Aug00	Prcnt			Code Value and Description
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1	0.0	1948	1948	
		-		
392	5.2	1991	1991	
375	5.0	1992	1992	
443	5.9	1993	1993	
465	6.2	1994	1994	
584	7.8	1995	1995	
614	8.2	1996	1996	
675	9.0	1997	1997	
665	8.9	1998	1998	
551	7.4	1999	1999	
52	0.7	2000	2000	
61	0.8	9999	Unknown	

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

29Aug00	Prcnt			Code Value and Description
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3	0.0	1	American Motors	
166	2.2	2	Jeep (includes Kaiser-Jeep)	
1	0.0	3	AM General	
131	1.7	6	Chrysler	
454	6.1	7	Dodge	
0	0.0	8	Imperial	
172	2.3	9	Plymouth	
12	0.2	10	Eagle	
1394	18.6	12	Ford	
85	1.1	13	Lincoln	
212	2.8	14	Mercury	
266	3.6	18	Buick	
114	1.5	19	Cadillac	
1233	16.5	20	Chevrolet	
266	3.6	21	Oldsmobile	
331	4.4	22	Pontiac	
185	2.5	23	GMC	
93	1.2	24	Saturn	
2	0.0	25	Grumman	
1	0.0	29	Other domestic	
80	1.1	30	Volkswagen	
0	0.0	31	Alfa Romeo	
14	0.2	32	Audi	
0	0.0	33	Austin/Austin Healey	
45	0.6	34	BMW	
347	4.6	35	Nissan/Datsun	
0	0.0	36	Fiat	
415	5.5	37	Honda	
55	0.7	38	Isuzu	
10	0.1	39	Jaguar	

Variable 307:VEHICLE MAKE (Continued)

29Aug00	Prcnt	Code	Value and Description
0	0.0	40	Lancia
138	1.8	41	Mazda
34	0.5	42	Mercedes Benz
0	0.0	43	MG
1	0.0	44	Peugeot
7	0.1	45	Porsche
0	0.0	46	Renault
10	0.1	47	Saab
60	0.8	48	Subaru
523	7.0	49	Toyota
0	0.0	50	Triumph
49	0.7	51	Volvo
103	1.4	52	Mitsubishi
12	0.2	53	Suzuki
63	0.8	54	Acura
60	0.8	55	Hyundai
2	0.0	56	Merkur
0	0.0	57	Yugo
17	0.2	58	Infiniti
26	0.3	59	Lexus
0	0.0	60	Daihatsu
0	0.0	61	Sterling
6	0.1	62	Land Rover
20	0.3	63	KIA
1	0.0	64	Daewoo
2	0.0	69	Other foreign
0	0.0	70	BSA
0	0.0	71	Ducati
4	0.1	72	Harley-Davidson
3	0.0	73	Kawasaki
0	0.0	74	Moto-Guzzi
0	0.0	75	Norton
2	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
57	0.8	82	Freightliner/White Freightliner/White
1	0.0	83	FWD
56	0.7	84	International Harvester/Navistar
21	0.3	85	Kenworth
21	0.3	86	Mack
28	0.4	87	Peterbilt
0	0.0	88	Iveco/Magirus
25	0.3	98	Other make
51	0.7	99	Unknown make

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

29Aug00 Prcnt Code Value and Description

American Motors			
0	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
2	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			
2	0.0	2401	CJ-2/CJ-3/CJ-4
10	0.1	2402	CJ-5/CJ-6/CJ-7/CJ-8
19	0.3	2403	YJ-Wrangler
114	1.5	2404	Cherokee (84 on)
10	0.1	2421	Cherokee (thru 83)
5	0.1	2431	Grand Wagoneer
1	0.0	2481	Pickup
3	0.0	2482	Comanche
0	0.0	2498	Other Light Truck
2	0.0	2499	Unk Light Truck
0	0.0	2999	Unknown vehicle
AM General			
1	0.0	3401	Dispatcher (Post Office Jeep)
0	0.0	3421	Hummer
0	0.0	3466	Dispatcher DJ
0	0.0	3498	Other Light Truck
0	0.0	3499	Unk Light Truck
0	0.0	3884	Med/Hvy Truck
0	0.0	3898	Other Med/Hvy Truck
0	0.0	3899	Unk Med/Hvy Truck
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			
2	0.0	6009	Cordoba
3	0.0	6010	Newport/New Yorker (thru 78)/5th Avenue/Imperial (79-81)
29	0.4	6014	New Yorker/E-Class/Imperial (90-on)/Fifth Avenue
0	0.0	6015	Laser
29	0.4	6016	Lebaron
1	0.0	6017	Lebaron GTS/GTC
0	0.0	6031	TC Maserati Sport

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Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

1	0.0	6035	Conquest
8	0.1	6041	Concorde
4	0.1	6042	LHS
24	0.3	6043	Sebring
12	0.2	6044	Cirrus
3	0.0	6051	CHRY 300M
0	0.0	6398	Other Auto
1	0.0	6399	Unk Auto
14	0.2	6441	Town & Country (Minivan)
0	0.0	6498	Other Light Truck
0	0.0	6499	Unk Light Truck
0	0.0	6999	Unknown vehicle

Dodge

2	0.0	7001	Dart
0	0.0	7002	Coronet/Magnum/Charger(thru 78)
0	0.0	7003	Polara/Monaco/Royal Monaco
0	0.0	7004	Viper
0	0.0	7005	Challenger
1	0.0	7006	Aspen
2	0.0	7007	Diplomat
4	0.1	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)
3	0.0	7014	600
6	0.1	7015	Daytona
3	0.0	7016	Lancer
18	0.2	7017	Shadow
5	0.1	7018	Dynasty
13	0.2	7019	Spirit
44	0.6	7020	Neon
0	0.0	7033	Challenger (import)
5	0.1	7034	Colt (excludes Vista)
0	0.0	7035	Conquest
3	0.0	7039	Stealth
1	0.0	7040	Monaco
32	0.4	7041	Intrepid
7	0.1	7042	Avenger
28	0.4	7043	Stratus
0	0.0	7398	Other Auto
5	0.1	7399	Unk Auto
2	0.0	7401	Raider
11	0.1	7402	Durango
5	0.1	7421	Ramchager
1	0.0	7441	Vista
86	1.1	7442	Caravan
38	0.5	7461	B-series Van
1	0.0	7470	Van Derivative
2	0.0	7471	D50,Colt Pickup,Ram 50/100

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

41	0.5	7472	Dakota
18	0.2	7481	D,W-series Pickup
52	0.7	7482	Ram 1500/2500/3500 P/U
2	0.0	7498	Other lt Truck
4	0.1	7499	Unk lt Truck
1	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)
1	0.0	9002	Satellite/Belvedere
1	0.0	9003	Fury
0	0.0	9004	Gran Fury
0	0.0	9005	Barracuda
1	0.0	9006	Volare
2	0.0	9007	Caravelle
6	0.1	9008	Horizon
8	0.1	9011	Reliant (K)
0	0.0	9013	Scamp-auto based pickup
23	0.3	9017	Sundance
18	0.2	9019	Acclaim
29	0.4	9020	Neon
0	0.0	9031	Cricket
0	0.0	9032	Arrow
0	0.0	9033	Sapporo import
2	0.0	9034	Champ/Colt (excludes Vista)
0	0.0	9035	Conquest
4	0.1	9037	Laser
12	0.2	9038	Breeze
0	0.0	9039	Prowler
0	0.0	9398	Other Auto
0	0.0	9399	Unk Auto
0	0.0	9421	Trailduster
1	0.0	9441	Vista
61	0.8	9442	Voyager (minivan)
0	0.0	9461	B-series Van (fullsize)

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Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

0	0.0	9471	Arrow Pickup (foreign)
0	0.0	9498	Other lt truck
2	0.0	9499	Unk lt truck
0	0.0	9999	Unknown vehicle
Eagle			
1	0.0	10034	Summit
5	0.1	10037	Talon
3	0.0	10040	Premier
2	0.0	10041	Vision
0	0.0	10044	Medallion
0	0.0	10398	Other Auto
0	0.0	10399	Unk Auto
1	0.0	10441	Summit Wagon
0	0.0	10498	Other lt truck
0	0.0	10499	Unk lt truck
0	0.0	10999	Unk vehicle
Ford			
1	0.0	12001	Falcon
0	0.0	12002	Fairlane
88	1.2	12003	Mustang/Mustang II
49	0.7	12004	Thunderbird
1	0.0	12005	Ltd II
17	0.2	12006	Ltd/Galaxy/Custom
0	0.0	12007	Ranchero
0	0.0	12008	Maverick
0	0.0	12009	Pinto
0	0.0	12010	Torino/Gran Torino/Elite
3	0.0	12011	Granada
4	0.1	12012	Fairmont
180	2.4	12013	Escort/EXP
45	0.6	12015	Tempo
71	0.9	12016	Crown Victoria
168	2.2	12017	Taurus
30	0.4	12018	Probe
0	0.0	12031	English Ford
0	0.0	12032	Fiesta
7	0.1	12033	Festiva
0	0.0	12034	Laser
31	0.4	12035	Contour
11	0.1	12036	Aspire
3	0.0	12037	Focus
1	0.0	12398	Other Auto
13	0.2	12399	Unk Auto
121	1.6	12401	Bronco II/Bronco(thru 77)/Explorer
16	0.2	12421	Bronco-fullsize (78 on)
23	0.3	12422	Expedition
45	0.6	12441	Aerostar
27	0.4	12442	Windstar
66	0.9	12461	E-series Van
4	0.1	12470	Van derivative

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

132	1.8	12471	Ranger
0	0.0	12472	Courier
198	2.6	12481	F-series Pickup
11	0.1	12498	Other lt truck
4	0.1	12499	Unk lt truck
17	0.2	12881	Med/Hvy CBE
0	0.0	12882	Med/Hvy COE low entry
0	0.0	12883	Med/Hvy COE high entry
2	0.0	12884	Med/Hvy unk engine location
1	0.0	12890	Med/Hvy COE unk entry position
0	0.0	12898	Other Med/Hvy truck
2	0.0	12899	Unk Med/Hvy truck
0	0.0	12981	Medium Bus
0	0.0	12988	Other Bus
1	0.0	12989	Unknown Bus Type
1	0.0	12998	Other Vehicle
0	0.0	12999	Unknown vehicle

Lincoln

60	0.8	13001	Town Car/Continental
8	0.1	13002	Mark I - VIII
7	0.1	13005	Continental (82 on)
1	0.0	13011	Versailles
1	0.0	13012	LS
0	0.0	13398	Other Auto
3	0.0	13399	Unk Auto
5	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
1	0.0	14003	Capri-domestic
28	0.4	14004	Cougar/XR7
54	0.7	14006	Marquis/Monterey
1	0.0	14008	Comet
0	0.0	14009	Bobcat
0	0.0	14010	Montego
0	0.0	14011	Monarch
1	0.0	14012	Zephyr
1	0.0	14013	Lynx/LN7 (82-83)
15	0.2	14015	Topaz
46	0.6	14017	Sable
2	0.0	14031	Capri-foreign
0	0.0	14033	Pantera
23	0.3	14036	Tracer
7	0.1	14037	Mystique
10	0.1	14038	Cougar
0	0.0	14398	Other Auto
4	0.1	14399	Unknown Auto
8	0.1	14401	Mountaineer

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

11	0.1	14443	Villager
0	0.0	14498	Other light truck
0	0.0	14499	Unk light truck
0	0.0	14999	Unknown vehicle
Buick			
9	0.1	18001	Special/Skylark
62	0.8	18002	Lesabre/Wildcat/Centurion
28	0.4	18003	Electra/Electra 225/Park Avenue (91 on)
6	0.1	18004	Roadmaster
14	0.2	18005	Riviera
60	0.8	18007	Century
0	0.0	18008	Apollo/Skylark (75)
27	0.4	18010	Regal
4	0.1	18012	Skyhawk
9	0.1	18015	Skylark (76-85)
20	0.3	18018	Somerset/Skylark(86 on)
21	0.3	18020	Regal FWD
2	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
4	0.1	18399	Unk Auto
0	0.0	18999	Unk vehicle
Cadillac			
88	1.2	19003	Deville/Fleetwood (except Limousine)
0	0.0	19004	Limousine
5	0.1	19005	Eldorado
1	0.0	19006	Commercial Series
0	0.0	19009	Allante'
15	0.2	19014	Seville
1	0.0	19016	Cimarron
1	0.0	19017	Catera
0	0.0	19398	Other Auto
1	0.0	19399	Unk Auto
2	0.0	19421	Escalade
0	0.0	19999	Unk vehicle
Chevrolet			
13	0.2	20001	Malibu/Chevelle
52	0.7	20002	Caprice/Impala
9	0.1	20004	Corvette
0	0.0	20006	Corvair
4	0.1	20007	El Camino
1	0.0	20008	Nova (-79)
50	0.7	20009	Camaro
14	0.2	20010	Monte Carlo
0	0.0	20011	Vega
0	0.0	20012	Monza

Variable 308:MAKE/MODEL (Continued)

29Aug00	Prcnt	Code	Value and Description
4	0.1	20013	Chevette
5	0.1	20015	Citation
154	2.1	20016	Cavalier
47	0.6	20017	Celebrity
83	1.1	20019	Baretta/Corsica
66	0.9	20020	Lumina
5	0.1	20031	Spectrum
45	0.6	20032	Nova/Geo Prizm
0	0.0	20033	Sprint/Geo Sprint
37	0.5	20034	Geo Metro
13	0.2	20035	Geo Storm
12	0.2	20036	Monte Carlo (FWD only)
10	0.1	20037	Malibu
0	0.0	20398	Other Auto
7	0.1	20399	Unk Auto
107	1.4	20401	S-10 Blazer
24	0.3	20402	Geo Tracker
27	0.4	20421	Blazer-fullsize
27	0.4	20431	Suburban
47	0.6	20441	Astro Van
24	0.3	20442	Lumina APV
0	0.0	20443	Ventura
42	0.6	20461	G-series Van
1	0.0	20466	P-series Van
1	0.0	20470	Van Derivative
99	1.3	20471	S-10,T-10
2	0.0	20472	LUV imported PU
178	2.4	20481	C,K,R,V-series Pickup
6	0.1	20498	Other lt truck
10	0.1	20499	Unk lt truck
4	0.1	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
1	0.0	20890	Med/Hvy COE Unk entry position
0	0.0	20898	Other med/hvy trk
0	0.0	20899	Unk med/hvy trk
1	0.0	20981	Bus S-60 series
0	0.0	20988	Other Bus
0	0.0	20989	Unknown Bus Type
0	0.0	20998	Other Vehicle
0	0.0	20999	Unknown vehicle
Oldsmobile			
38	0.5	21001	Cutlass (RWD only)
49	0.7	21002	Delta 88
21	0.3	21003	Ninety-Eight
3	0.0	21005	Toronado
0	0.0	21006	Commercial Series
0	0.0	21012	Starfire
3	0.0	21015	Omega
5	0.1	21016	Firenza

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Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

31	0.4	21017	Ciera
16	0.2	21018	Calais
54	0.7	21020	Cutlass (FWD)
16	0.2	21021	Achieva
3	0.0	21022	Aurora
5	0.1	21023	Intrigue
6	0.1	21024	Alero
0	0.0	21398	Other Auto
6	0.1	21399	Unknown Auto
8	0.1	21401	Bravada
2	0.0	21441	Silhouette
0	0.0	21498	Other lt trk
0	0.0	21499	Unk lt trk
0	0.0	21998	Other vehicle
0	0.0	21999	Unknown vehicle
Pontiac			
1	0.0	22001	Lemans/Tempest (thru 79)
40	0.5	22002	Bonneville/Catalina/Parisienne
5	0.1	22005	Fiero
1	0.0	22008	Ventura
27	0.4	22009	Firebird/Trans AM
3	0.0	22010	Grand Prix RWD
0	0.0	22011	Astre
2	0.0	22012	Sunbird (thru 80)
1	0.0	22013	T-1000/1000
0	0.0	22015	Phoenix
54	0.7	22016	J2000/2000/Sunbird(84 on)
17	0.2	22017	6000
113	1.5	22018	Grand AM
49	0.7	22020	Grand Prix FWD
4	0.1	22031	Lemans (88 on)
0	0.0	22398	Other Auto
1	0.0	22399	Unk Auto
13	0.2	22441	Trans Sport
0	0.0	22498	Other lt trk
0	0.0	22499	Unk lt trk
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
28	0.4	23401	Jimmy/Typhoon S-15 based
7	0.1	23421	Jimmy fullsize/Yukon
9	0.1	23431	Suburban
13	0.2	23441	Safari (Minivan)
10	0.1	23461	G-series Van
2	0.0	23466	P-series Van
6	0.1	23470	Van Derivative
26	0.3	23471	S15/T15/Somona
59	0.8	23481	C,K,R,V-series Pickup

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

4	0.1	23498	Other lt truck
1	0.0	23499	Unk lt truck
5	0.1	23881	Med/Hvy CBE
5	0.1	23882	Med/Hvy COE low entry
2	0.0	23883	Med/Hvy COE high entry
4	0.1	23884	Med/Hvy Unk engine location
1	0.0	23890	Med/Hvy COE Unk entry position
1	0.0	23898	Other med/hvy trk
1	0.0	23899	Unk med/hvy trk
1	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

70	0.9	24001	SL
20	0.3	24002	SC
3	0.0	24003	SW
0	0.0	24004	EV
0	0.0	24398	Other Auto
0	0.0	24399	Unk Auto
0	0.0	24999	Unk vehicle

Grumman

1	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
0	0.0	25983	Bus flat front, rear engine
0	0.0	25988	Other Bus
1	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

2	0.0	30031	Karmann Ghia
7	0.1	30032	Beetle 1300/1500
2	0.0	30033	Super Beetle
0	0.0	30034	411/412

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

0	0.0	30035	Squareback/Fastback
2	0.0	30036	Rabbit
0	0.0	30037	Dasher
3	0.0	30038	Scirocco
31	0.4	30040	Jetta
0	0.0	30041	Quantum
14	0.2	30042	Golf
0	0.0	30043	Rabbit Pickup
2	0.0	30044	Fox
0	0.0	30045	Corrado
4	0.1	30046	Passat
5	0.1	30047	Jetta III
1	0.0	30048	Golf III
1	0.0	30049	New Beetle
0	0.0	30398	Other Auto
1	0.0	30399	Unk Auto
0	0.0	30401	The Thing (181)
5	0.1	30441	Vanagon/Camper
0	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

0	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
0	0.0	31398	Other Auto
0	0.0	31399	Unk Auto
0	0.0	31999	Unk vehicle

Audi

0	0.0	32031	Super 90
2	0.0	32032	100/A6
0	0.0	32033	Fox
0	0.0	32034	4000
3	0.0	32035	5000
3	0.0	32036	80/90
0	0.0	32037	200
0	0.0	32038	V-8 Quattro
0	0.0	32039	Coupe Quattro
1	0.0	32040	S4/S6
0	0.0	32041	Cabriolet
3	0.0	32042	A4
0	0.0	32043	A3
0	0.0	32044	A8
1	0.0	32045	TT
0	0.0	32398	Other Auto
1	0.0	32399	Unk Auto

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

0	0.0	32999	Unk vehicle
			Austin/Austin Healey
0	0.0	33031	Marina
0	0.0	33032	America
0	0.0	33033	Healey Sprite
0	0.0	33034	Healey 3000
0	0.0	33035	Mini
0	0.0	33398	Other Auto
0	0.0	33399	Unk Auto
0	0.0	33999	Unk vehicle
			BMW
0	0.0	34031	1600,200Z
0	0.0	34032	Coupe
1	0.0	34033	Bavarian Sedan
24	0.3	34034	3-series
15	0.2	34035	5-series
0	0.0	34036	6-series
2	0.0	34037	7-series
0	0.0	34038	8-series
2	0.0	34039	Z3
0	0.0	34398	Other Auto
1	0.0	34399	Unk Auto
0	0.0	34701	0-50cc
0	0.0	34702	51-124cc
0	0.0	34704	350-449cc
0	0.0	34705	450-749cc
0	0.0	34706	750cc & over
0	0.0	34709	Unk cc
0	0.0	34799	Unk motorcycle
0	0.0	34999	Unk vehicle
			Nissan/Datsun
0	0.0	35031	F-10
27	0.4	35032	200SX/240SX
3	0.0	35033	B210/210/1200
13	0.2	35034	Z-car, ZX
0	0.0	35035	310
0	0.0	35036	510
0	0.0	35037	610
0	0.0	35038	710
59	0.8	35039	810/Maxima
0	0.0	35040	Roadster
0	0.0	35041	PL411/RL411
16	0.2	35042	Stanza
70	0.9	35043	Sentra
7	0.1	35044	Pulsar
0	0.0	35045	Micra
1	0.0	35046	NX 1600/2000
45	0.6	35047	Altima
0	0.0	35398	Other Auto

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

9	0.1	35399	Unk Auto
23	0.3	35401	Pathfinder
1	0.0	35402	XTerra
1	0.0	35441	Van
0	0.0	35442	Axxess
7	0.1	35443	Quest
63	0.8	35471	Pickup
0	0.0	35498	Other lt truck
1	0.0	35499	Unk lt truck
1	0.0	35883	Med/Hvy COE high entry
0	0.0	35898	Other med/hvy truck
0	0.0	35899	Unk med/hvy truck
0	0.0	35999	Unk vehicle
Fiat			
0	0.0	36031	124 Coupe/Sedan
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			
161	2.1	37031	Civic/CRX, del Sol
204	2.7	37032	Accord
19	0.3	37033	Prelude
0	0.0	37034	600
0	0.0	37398	Other Auto
4	0.1	37399	Unk Auto
12	0.2	37401	Passport
12	0.2	37402	CRV (small sport utility vehicle)
3	0.0	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
0	0.0	37704	350-449cc
0	0.0	37705	450-749cc
0	0.0	37706	750cc & over
0	0.0	37709	Unk cc
0	0.0	37731	ATC/ATV 0-50cc
0	0.0	37732	ATC/ATV 51-124cc

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

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			
1	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
14	0.2	38401	Trooper/Trooper II
19	0.3	38402	Rodeo
4	0.1	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
1	0.0	38881	Med/Hvy CBE
3	0.0	38882	Med/Hvy COE low entry
1	0.0	38883	Med/Hvy COE high entry
0	0.0	38884	Med/Hvy unk engine location
1	0.0	38890	Med/Hvy COE unk entry position
0	0.0	38898	Other med/hvy trk
2	0.0	38899	Unk med/hvy trk
0	0.0	38981	Bus conventional front engine
0	0.0	38982	Bus front engine/flat front
0	0.0	38983	Bus rear engine/flat front
0	0.0	38988	Other Bus
0	0.0	38999	Unk vehicle
Jaguar			
2	0.0	39031	XJ-S Coupe
8	0.1	39032	XJ6/12 Sedan/Coupe
0	0.0	39033	XK-E
0	0.0	39034	X100
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

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Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

0	0.0	41033	RX4
6	0.1	41034	RX7
46	0.6	41035	GLC/323/Protege
0	0.0	41036	Cosmo
36	0.5	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
3	0.0	41043	929
5	0.1	41044	MX-6
8	0.1	41045	Miata
1	0.0	41046	MX-3
6	0.1	41047	Millenia
0	0.0	41398	Other auto
1	0.0	41399	Unk auto
0	0.0	41401	Navajo
7	0.1	41441	MPV
19	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

4	0.1	42031	200/220/230/240/250/260/280/300 Sedan/Coupe
2	0.0	42032	230/280 SL 2-pass
6	0.1	42033	300/350/380/450/500/560 SL 2-pass
0	0.0	42034	350/380/420/450/560 SLC
1	0.0	42035	280/300 SEL
2	0.0	42036	380/420/450/500/560 SEL, 500/560 SEC, 300/350 SDL
4	0.1	42037	300/380/450 SE
0	0.0	42038	600,6.9 Sedan
2	0.0	42039	190
3	0.0	42040	300
0	0.0	42041	400/500 E
2	0.0	42042	220/280 C
3	0.0	42043	S Class
0	0.0	42044	SL Class
1	0.0	42045	SLK
1	0.0	42048	E Class
0	0.0	42398	Other auto
0	0.0	42399	Unk auto
2	0.0	42401	AAV
0	0.0	42470	Van derivative
0	0.0	42498	Other lt truck
0	0.0	42499	Unk lt truck
1	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

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

0	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

0	0.0	43031	Midget
0	0.0	43032	MGB (76-79)
0	0.0	43033	MGB GT (67-75)
0	0.0	43034	MGA
0	0.0	43035	TA/TC/TD/TF
0	0.0	43036	MGC
0	0.0	43398	Other auto
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
1	0.0	44034	504/505
0	0.0	44035	604
0	0.0	44036	405
0	0.0	44398	Other auto
0	0.0	44399	Unk auto
0	0.0	44701	0-50cc
0	0.0	44702	51-124cc
0	0.0	44709	Unk cc
0	0.0	44799	Unk motored cycle
0	0.0	44999	Unk vehicle

Porsche

2	0.0	45031	911
0	0.0	45032	912
1	0.0	45033	914
0	0.0	45034	924
0	0.0	45035	928
1	0.0	45036	930
3	0.0	45037	944
0	0.0	45038	959
0	0.0	45039	968
0	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

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

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			
7	0.1	47031	99/99E/900
0	0.0	47032	Sonnett
0	0.0	47033	95/96/97
2	0.0	47034	9000
1	0.0	47035	9-3
0	0.0	47398	Other auto
0	0.0	47399	Unk auto
0	0.0	47999	Unk vehicle
Subaru			
18	0.2	48031	DL/FE/G/GF/GL/GLF/STD/Loyale(90 on)
0	0.0	48032	Star
0	0.0	48033	360
25	0.3	48034	Legacy
1	0.0	48035	XT/XT6
4	0.1	48036	Justy
0	0.0	48037	SVX
8	0.1	48038	Impreza
3	0.0	48043	Brat
0	0.0	48398	Other auto
0	0.0	48399	Unk auto
1	0.0	48401	Forester
0	0.0	48999	Unk vehicle
Toyota			
2	0.0	49031	Corona
121	1.6	49032	Corolla
32	0.4	49033	Celica
6	0.1	49034	Supra
5	0.1	49035	Cressida
0	0.0	49036	Crown
0	0.0	49037	Carina
39	0.5	49038	Terrel
1	0.0	49039	Starlet
147	2.0	49040	Camry
7	0.1	49041	MR-2
3	0.0	49042	Paseo
14	0.2	49043	Avalon

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

1	0.0	49045	Echo
0	0.0	49398	Other auto
9	0.1	49399	Unk auto
33	0.4	49401	4-Runner
10	0.1	49402	RAV-4
6	0.1	49421	Landcruiser
11	0.1	49441	Minivan (84-90)/Previa (91 on)
2	0.0	49442	Sienna
54	0.7	49471	Pickup
16	0.2	49472	Tacoma
3	0.0	49481	T-100
1	0.0	49498	Other lt truck
0	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
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
12	0.2	51034	240/242/244/245
0	0.0	51035	262/264/265
0	0.0	51036	1800
2	0.0	51038	760/780
5	0.1	51039	740
3	0.0	51040	940
2	0.0	51041	960
1	0.0	51042	850
5	0.1	51043	70
1	0.0	51044	90
2	0.0	51045	80
0	0.0	51398	Other auto
1	0.0	51399	Unk auto

Variable 308:MAKE/MODEL (Continued)

29Aug00	Prcnt	Code	Value and Description
9	0.1	51881	Med/Hvy CBE
0	0.0	51882	Med/Hvy COE low entry
2	0.0	51883	Med/Hvy COE high entry
2	0.0	51884	Med/Hvy unk engine location
0	0.0	51890	Med/Hvy unk entry position
1	0.0	51898	Other med/hvy trk
1	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
0	0.0	52031	Starion
0	0.0	52032	Tredia
0	0.0	52033	Cordia
25	0.3	52034	Galant
24	0.3	52035	Mirage
0	0.0	52036	Precis
28	0.4	52037	Eclipse
1	0.0	52038	Sigma
1	0.0	52039	3000 GT
8	0.1	52040	Diamante
0	0.0	52398	Other auto
1	0.0	52399	Unk auto
11	0.1	52401	Montero
0	0.0	52441	Minivan
1	0.0	52442	Expo Wagon
3	0.0	52471	Pickup
0	0.0	52498	Other lt truck
0	0.0	52499	Unk lt truck
0	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
3	0.0	53034	Swift
4	0.1	53035	Esteem
0	0.0	53398	Other auto
1	0.0	53399	Unk auto
1	0.0	53401	Samarai
1	0.0	53402	Sidekick
1	0.0	53403	X-90
0	0.0	53498	Other lt truck
0	0.0	53499	Unk lt truck

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

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

33	0.4	54031	Integra
21	0.3	54032	Legend (86-95) / RL (96-on)
0	0.0	54033	NSX (91-95) / TL (96-on)
3	0.0	54034	Vigor
4	0.1	54035	CL
0	0.0	54398	Other auto
2	0.0	54399	Unk auto
0	0.0	54401	SLX
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
18	0.2	55032	Excel
10	0.1	55033	Sonata
4	0.1	55034	Scoupe
15	0.2	55035	Elantra
9	0.1	55036	Accent
1	0.0	55037	Tiburon
0	0.0	55398	Other auto
3	0.0	55399	Unk auto
0	0.0	55999	Unk vehicle

Merkur

1	0.0	56031	XR4Ti
1	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

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

Infiniti

1	0.0	58031	M30
3	0.0	58032	Q45
3	0.0	58033	G20
4	0.1	58034	J30
4	0.1	58035	I30
0	0.0	58398	Other auto
0	0.0	58399	Unk auto
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

7	0.1	59031	ES-250/ES-300
6	0.1	59032	LS-400
6	0.1	59033	SC-400/SC-300
3	0.0	59034	GS-300
0	0.0	59398	Other auto
0	0.0	59399	Unk auto
3	0.0	59401	LX 450
1	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

5	0.1	62401	Discovery (LR)
0	0.0	62402	Defender 90 (LR)
1	0.0	62421	County LWB (RR) [thru 94] / County Classic (RR) [94-on]
0	0.0	62422	4.0 SE (RR)
0	0.0	62498	Other light truck
0	0.0	62499	Unk light truck
0	0.0	62999	Unk vehicle

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

KIA			
15	0.2	63031	Sephia
0	0.0	63398	Other auto
0	0.0	63399	Unk auto
5	0.1	63401	Sportage
0	0.0	63498	Other light truck
0	0.0	63499	Unk light truck
0	0.0	63999	Unk vehicle
Daewoo			
1	0.0	64032	Nubira
Other Imports			
0	0.0	69031	Aston Martin
0	0.0	69032	Bricklin
0	0.0	69033	Citroen
1	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
1	0.0	69040	Maserati
0	0.0	69041	Morris
0	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
0	0.0	71704	350-449cc
0	0.0	71705	450-749cc

Variable 308:MAKE/MODEL (Continued)

29Aug00	Prcnt	Code	Value and Description
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
0	0.0	72702	51-124cc
0	0.0	72703	125-349cc
0	0.0	72704	350-449cc
0	0.0	72705	450-749cc
2	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
2	0.0	73706	750cc & over
0	0.0	73709	Unk cc
0	0.0	73731	ATC/ATV 0-50cc
0	0.0	73732	ATC/ATV 51-124cc
0	0.0	73733	ATC/ATV 125-349cc
0	0.0	73734	ATC/ATV 350cc & over
0	0.0	73739	ATC/ATV unk cc
0	0.0	73798	Oth motored cycle
0	0.0	73799	Unk motorcycle
			Moto-Guzzi
0	0.0	74701	0-50cc
0	0.0	74702	51-124cc
0	0.0	74703	125-349cc
0	0.0	74704	350-449cc
0	0.0	74705	450-749cc
0	0.0	74706	750cc & over
0	0.0	74709	Unk cc
0	0.0	74798	Oth motored cycle
0	0.0	74799	Unk motorcycle
			Norton
0	0.0	75701	0-50cc
0	0.0	75702	51-124cc
0	0.0	75703	125-349cc
0	0.0	75704	350-449cc
0	0.0	75705	450-749cc
0	0.0	75706	750cc & over
0	0.0	75709	Unk cc
0	0.0	75798	Oth motored cycle
0	0.0	75799	Unk motorcycle

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

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
1	0.0	76705	450-749cc
1	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
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

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

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

2	0.0	82850	M/H truck based motorhome
26	0.3	82881	Med/Hvy CBE
1	0.0	82882	Med/Hvy COE low entry
7	0.1	82883	Med/Hvy COE high entry
18	0.2	82884	Med/Hvy Unk engine location
3	0.0	82890	Med/Hvy COE Unk entry position
0	0.0	82898	Other med/hvy trk
0	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
1	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

International Harvester/Navistar

0	0.0	84421	Scout
0	0.0	84431	Travelall
0	0.0	84466	Multistop Van
1	0.0	84481	Pickup

Variable 308:MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

0	0.0	84498	Other lt trk
1	0.0	84499	Unk lt trk
0	0.0	84850	M/H truck based motorhome
33	0.4	84881	Med/Hvy CBE
1	0.0	84882	Med/Hvy COE low entry
3	0.0	84883	Med/Hvy COE high entry
5	0.1	84884	Med/Hvy unk engine location
5	0.1	84890	Med/Hvy COE unk entry position
0	0.0	84898	Other med/hvy trk
5	0.1	84899	Unk med/hvy trk
0	0.0	84950	Bus based Motorhome
2	0.0	84981	Conventional Bus
0	0.0	84982	Bus-flat front, front engine
0	0.0	84983	Bus-flat front, rear engine
0	0.0	84988	Other bus
0	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
13	0.2	85881	Med/Hvy CBE
0	0.0	85882	Med/Hvy COE low entry
0	0.0	85883	Med/Hvy COE high entry
6	0.1	85884	Med/Hvy Unk engine location
1	0.0	85890	Med/Hvy COE Unk entry position
1	0.0	85898	Other med/hvy trk
0	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
6	0.1	86881	Med/Hvy CBE
4	0.1	86882	Med/Hvy COE low entry
0	0.0	86883	Med/Hvy COE high entry
11	0.1	86884	Med/Hvy Unk engine location
0	0.0	86890	Med/Hvy COE Unk entry position
0	0.0	86898	Other med/hvy trk
0	0.0	86899	Unk med/hvy trk
0	0.0	86950	Bus based Motorhome
0	0.0	86988	Other bus
0	0.0	86989	Unknown bus type
0	0.0	86999	Unknown

Peterbilt

0	0.0	87850	M/H truck based motorhome
19	0.3	87881	Med/Hvy CBE
1	0.0	87882	Med/Hvy COE low entry
0	0.0	87883	Med/Hvy COE high entry

Variable 308:MAKE/MODEL (Continued)

29Aug00	Prcnt	Code	Value and Description
7	0.1	87884	Med/Hvy Unk engine location
0	0.0	87890	Med/Hvy COE Unk entry position
1	0.0	87898	Other med/hvy trk
0	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
3	0.0	98804	WESTERN STAR
1	0.0	98805	OSHKOSH
1	0.0	98806	HINO
0	0.0	98807	SCANIA
2	0.0	98808	STERLING COE/Low entry
1	0.0	98850	M/H truck based motorhome
0	0.0	98898	Other med/hvy trk
4	0.1	98902	NEOPLAN Bus
0	0.0	98950	Bus based Motorhome
9	0.1	98988	Other bus
4	0.1	98998	Other vehicle
0	0.0	98999	Unk vehicle
			Unknown Make
26	0.3	99399	Unknown automobile
4	0.1	99499	Unknown light truck
0	0.0	99701	Motorcycle 0-50cc
0	0.0	99702	Motorcycle 51-124cc
0	0.0	99703	Motorcycle 125-349cc
0	0.0	99704	Motorcycle 350-449cc
0	0.0	99705	Motorcycle 450-749cc
0	0.0	99706	Motorcycle 750cc & over
0	0.0	99709	Unknown cc
0	0.0	99731	ATC/ATV 0-50cc
0	0.0	99732	ATC/ATV 51-124cc

Variable 308:MAKE/MODEL (Continued)

29Aug00	Prcnt	Code	Value and Description
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
15	0.2	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
0	0.0	99988	Other bus
6	0.1	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

29Aug00	Prcnt	Code	Value and Description
Automobiles			
76	1.0	1	Convertible (excludes sun roof, t-bar)
972	13.0	2	2-door sedan, hardtop, coupe
467	6.2	3	3-door/2-door hatchback
2923	39.0	4	4-door sedan, hardtop
101	1.3	5	5-door/4-door hatchback
195	2.6	6	Station Wagon (excluding van and truck based)
0	0.0	7	Hatchback, number of doors unknown
6	0.1	8	Other automobile type
83	1.1	9	Unknown automobile type
Automobile Derivatives			
4	0.1	10	Auto based pickup (includes El Camino, Caballero, Ranchero, Brat and Rabbit pickup)
1	0.0	11	Auto based panel (cargo station wagon, includes auto based ambulance/hearse)
0	0.0	12	Large limousine - more than four side doors or stretched chassis
0	0.0	13	Three-wheel automobile or automobile derivative
Utility Vehicles (< 4,536 kgs GVWR)			
616	8.2	14	Compact utility (includes Jeep CJ-2 thru Jeep CJ-7, Renegade, Wrangler, Navajo, Bronco, Thing)

Variable 309:BODY TYPE (Continued)

29Aug00	Prcnt	Code	Value and Description
103	1.4	15	Large utility (includes Jeep Cherokee, Ram Charger, Trailduster, fullsize Blazer, Scout)
40	0.5	16	Utility station wagon (Chevy Suburban, GMC Suburban, Travelall, Grand Wagoneer, includes suburban limousine)
4	0.1	19	Utility unknown body type
Van Based Light Trucks (< 4,536 kgs GVWR)			
382	5.1	20	Minivan (Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
145	1.9	21	Large van (Sportsman, Royal, Ram, Chevy Van, Voyager-Pre83, Econoline, etc.)
6	0.1	22	Step van or walk-in van (< 4,536 kgs GVWR)
1	0.0	23	Van based motorhome (< 4,536 kgs GVWR)
3	0.0	24	Van based school bus (< 4,536 kgs GVWR)
2	0.0	25	Van based other bus (< 4,536 kgs GVWR)
14	0.2	28	Other van type (Hi-Cube Van, Kary)
9	0.1	29	Unknown van type
Lt Conventional Truck (P.U. style cab, < 4,536 kgs. GVWR)			
465	6.2	30	Compact pickup (Ram 50, Dakota, Arrow Pickup, Ranger, Toyota Pickup, etc.)
508	6.8	31	Large pickup (Jeep Pickup, Comanche, Silverado, Sierra, etc.)
0	0.0	32	Pickup with slide-in camper
1	0.0	33	Convertible pickup
20	0.3	39	Unknown (pickup style) light conventional truck
Other Light Trucks (< or = 4,536 kgs. GVWR)			
24	0.3	40	Cab chassis based (includes rescue vehicle, light stake, dump, and tow truck)
0	0.0	41	Truck based panel
0	0.0	42	Light truck based motorhome (chassis mounted)
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)			
8	0.1	50	School bus (designed to carry students, not cross country or transit)
14	0.2	58	Other bus type (e.g., transit, intercity, bus based motorhome)
3	0.0	59	Unknown bus type
Medium/Heavy Trucks (> 4,536 kgs GVWR)			
4	0.1	60	Step van (> 4,536 kgs GVWR)
22	0.3	61	Single unit straight truck (4,536 kgs < GVWR < or = 8,845 kgs)
10	0.1	62	Single unit straight truck (8,845 kgs < GVWR < or = 11,793 kgs)
42	0.6	63	Single unit straight truck (> 11,793 kgs GVWR)
16	0.2	64	Single unit straight truck, GVWR unknown

Variable 309:BODY TYPE (Continued)

29Aug00 Prcnt Code Value and Description

2	0.0	65	Medium/heavy truck based motorhome
10	0.1	67	Truck-tractor with no cargo trailer
141	1.9	68	Truck-tractor pulling one trailer
9	0.1	69	Truck-tractor pulling two or more trailers
5	0.1	70	Truck-tractor (unknown if pulling trailer)
12	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)			
10	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
1	0.0	92	Farm equipment other than trucks
3	0.0	93	Construction equipment other than trucks
1	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

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

29Aug00 Prcnt Code Value and Description

1	0.0	6	
		-	Length of VIN
6566	87.7	17	
680	9.1	99	Unknown

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

29Aug00 Prcnt Code Value and Description

1717	22.9	0	No inspection
104	1.4	1	Vehicle fully repaired - no damage evident

Variable 322:TYPE OF VEH INSPECTION (Continued)

29Aug00 Prcnt Code Value and Description

1307	17.4	2	Partial inspection
4046	54.0	3	Complete inspection
316	4.2	9	Inapplicable - Body Type (V309) = 50-99

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

Police reported vehicle disposition

29Aug00 Prcnt Code Value and Description

1219	16.3	0	Not towed due to vehicle damage
6265	83.6	1	Towed due to vehicle damage
6	0.1	9	Unknown

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

29Aug00 Prcnt Code Value and Description

0	0.0	45	Less than 450 kilograms
1	0.0	68	
		-	Weight (to nearest 10 kilograms)
1	0.0	454	
0	0.0	610	6,100 kilograms or more
687	9.2	999	Unknown or Inapplicable - Body Type (V309) = 50-99

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

29Aug00 Prcnt Code Value and Description

4462	59.6	0	Less than 5 kilograms
393	5.2	1	
		-	Weight (to nearest 10 kilograms)
1	0.0	242	
0	0.0	450	4,500 kilograms or more
1787	23.9	999	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 326	TOWED TRAILING UNIT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00 Prcnt Code Value and Description

7128	95.2	0	No towed unit
37	0.5	1	Yes - towed trailing unit
325	4.3	9	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 327	VEHICLE SPECIAL USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00 Prcnt Code Value and Description

7167	95.7	0	No special use
35	0.5	1	Taxi
12	0.2	2	Vehicle used as school bus
15	0.2	3	Vehicle used as other bus
1	0.0	4	Military
43	0.6	5	Police
2	0.0	6	Ambulance
3	0.0	7	Fire truck or car
46	0.6	8	Other (i.e. funeral hearse)
166	2.2	9	Unknown

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

29Aug00 Prcnt Code Value and Description

6050	80.8	0	No override/underride, or not an end-over-end between 2 CDS applicable vehs, & no M/H trk or bus underride
			Override
65	0.9	1	First CDC
2	0.0	2	Second CDC
0	0.0	3	Other nonautomated CDC
			Underride
164	2.2	4	First CDC
14	0.2	5	Second CDC
0	0.0	6	Other nonautomated CDC
76	1.0	7	Medium or heavy truck override or underride
1119	14.9	9	Unknown or Inapplicable - Body Type (V309) = 50-99

NASS Crashworthiness Data System (CDS)
1999 - General Vehicle

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

29Aug00 Prcnt Code Value and Description

6607 88.2 0 No override/underride, or not end-over-end between two
CDS applicable vehs, and no M/H trk or bus underride

Override

75 1.0 1 First CDC
8 0.1 2 Second CDC
0 0.0 3 Other nonautomated CDC

Underride

28 0.4 4 First CDC
4 0.1 5 Second CDC
0 0.0 6 Other nonautomated CDC

11 0.1 7 Medium or heavy truck override or underride
757 10.1 9 Unknown or Inapplicable - Body Type (V309) = 50-99

<u>Variable 330</u>	<u>ANTILOCK BRAKES</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Vina derived - Antilock Brakes

29Aug00 Prcnt Code Value and Description

1714 22.9 1 Not available
1244 16.6 2 4 wheel standard
312 4.2 3 Rear only standard
263 3.5 4 ABS standard, wheels unknown
1173 15.7 5 4 wheel optional
28 0.4 6 Rear only optional
457 6.1 7 ABS optional, wheels unknown
2299 30.7 9 Unknown

<u>Variable 331</u>	<u>FOUR WHEEL DRIVE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Vina derived - Four Wheel Drive

29Aug00 Prcnt Code Value and Description

3968 53.0 14 No
52 0.7 25 Yes
681 9.1 39 Not applicable or missing data
2 0.0 98 Some vehicles of this series (*)
2787 37.2 99 Unknown

<u>Variable 332</u>	<u>FRONT WHEEL DRIVE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Vina derived - Front Wheel Drive

29Aug00	Prcnt	Code	Value and Description
703	9.4	14	No
3319	44.3	25	Yes
681	9.1	39	Not applicable or missing data
0	0.0	98	Some vehicles of this series (*)
2787	37.2	99	Unknown

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

29Aug00	Prcnt	Code	Value and Description
1322	17.7	1	Rear wheel drive
3197	42.7	2	Front wheel drive
2662	35.5	8	Not applicable, not a passenger car
309	4.1	9	Unknown (four wheel drive potential)

<u>Variable 334</u>	<u># WHEELS/# DRIVE WHEELS</u>	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.

29Aug00	Prcnt	Code	Value and Description
928	12.4	42	4 wheels / 2 drive wheels
456	6.1	44	4 wheels / 4 drive wheels
1	0.0	62	6 wheels / 2 drive wheels
136	1.8	64	6 wheels / 4 drive wheels
2	0.0	66	
5967	79.7	99	Unknown

<u>Variable 335</u>	<u>CARBURETION</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Vina derived - Carburetion

29Aug00	Prcnt	Code	Value and Description
5	0.1	2	B - Higher HP, 1 barrel carburetor
0	0.0	3	C - 1 barrel turbo
4546	60.7	6	F - Unknown, fuel injection rating code
0	0.0	7	G - 1 barrel, electronically controlled
1	0.0	8	H - Unknown, high performance rating code

Variable 335: CARBURETION (Continued)

29Aug00 Prcnt Code Value and Description

2	0.0	10	J - Lower HP, 2 barrel carburetor
1	0.0	11	K - Higher HP, 2 barrel carburetor
0	0.0	12	L - 2 barrels, turbo
1	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
4	0.1	19	S - Lower HP, 4 barrel carburetor
62	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
9	0.1	26	Z - Unknown super charged
29	0.4	31	1 barrel
316	4.2	32	2 barrels
36	0.5	33	3 barrels
125	1.7	34	4 barrels
681	9.1	39	Not applicable or missing data
1671	22.3	99	Unknown

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

Vina derived - Fuel Code

29Aug00 Prcnt Code Value and Description

270	3.6	4	D - Diesel
0	0.0	5	E - Electric
25	0.3	6	F - Flexible fuel
6432	85.9	7	G - Gas (ie Ford engine methanol fuel is coded as gas)
0	0.0	14	N - Compressed Natural Gas
0	0.0	16	P - Propane
681	9.1	39	Not applicable or missing data
82	1.1	99	Unknown

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

Vina derived - Roof

29Aug00 Prcnt Code Value and Description

4883	65.2	1	None / not available
18	0.2	2	Manual sun / moon roof
257	3.4	3	Power sun / moon roof
23	0.3	4	Removable panels
2	0.0	5	Removable roof
0	0.0	6	Targa roof
8	0.1	7	Other / unknown

Variable 337:ROOF (Continued)

29Aug00 Prcnt Code Value and Description

2299 30.7 9 Missing data

<u>Variable 338</u>	<u>OPTIONAL ROOF 1</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Vina derived - Optional Roof 1

29Aug00 Prcnt Code Value and Description

13	0.2	1	None / not available
628	8.4	2	Manual sun / moon roof
1660	22.2	3	Power sun / moon roof
67	0.9	4	Removable panels
24	0.3	5	Removable roof
0	0.0	6	Targa roof
15	0.2	7	Other / unknown
5083	67.9	9	Missing data

<u>Variable 339</u>	<u>OPTIONAL ROOF 2</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Vina derived - Optional Roof 2

29Aug00 Prcnt Code Value and Description

0	0.0	1	None / not available
0	0.0	2	Manual sun / moon roof
16	0.2	3	Power sun / moon roof
11	0.1	4	Removable panels
1	0.0	5	Removable roof
0	0.0	6	Targa roof
6	0.1	7	Other / unknown
7456	99.5	9	Missing data

<u>Variable 340</u>	<u>DAYLIGHT RUNNING LIGHTS</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Vina derived - Daylight Running Lights

29Aug00 Prcnt Code Value and Description

4371	58.4	14	N - Not available
138	1.8	15	O - Optional
608	8.1	19	S - Standard
74	1.0	21	U - Unknown
681	9.1	39	Not applicable or missing data

Variable 340:DAYLIGHT RUNNING LIGHTS (Continued)

29Aug00 Prcnt Code Value and Description

1618 21.6 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

29Aug00 Prcnt Code Value and Description

9	0.1	13	M - Motorcycle
5222	69.7	16	P - Passenger vehicle
1535	20.5	20	T - Truck
21	0.3	21	U - Unknown
680	9.1	39	Unknown
23	0.3	99	Not coded

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

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

29Aug00 Prcnt Code Value and Description

Passenger Vehicles
 AM Ambulance
 CB Cab & Chassis (LUV)
 CV Convertible
 CP Coupe
 2F Formal Hardtop 2-Door
 HT Hardtop
 2T Hardtop 2-Door
 4T Hardtop 4-Door
 HB Hatchback
 2H Hatchback 2-Door
 4H Hatchback 4-Door
 HR Hearse
 LB Liftback

Variable 345:VIN BODY TYPE (Continued)

29Aug00 Prcnt Code Value and Description

2L Liftback 2-Door
4L Liftback 4-Door
LM Limousine
NB Notchback
PN Panel
PK Pickup
2P Pillard Hardtop 2-Door
4P Pillard Hardtop 4-Door
RD Roadster
3D Runabout 3-Door
SD Sedan
2D Sedan 2-Door
4D Sedan 4-Door
5D Sedan 5-Door
SV Sports Van
SW Station Wagon
UT Utility

Trucks

AC Auto Carrier
BU Bus
CV Convertible (Jeep Commando, Suzuki Samurai)
CY Cargo Cutaway
CB Chassis and Cab
CM Concrete or Transit Mixer
CC Conventional Cab
CR Crane
DP Dump
FB Flat-Bed or Platform
FT Fire Truck
FC Forward Control
GG Garbage or Refuse
GL Gliders
IC Incomplete Chassis
LG Logger
MH Motorized Home
MY Motorized Home Cutaway
PN Panel
PD Parcel Delivery
PK Pickup
PM Pickup with Camper Mounted on Bed
RD Roadster (Jeep, Jeep Commando)
SN Step Van
SV Sports Van
ST Stake or Rack
SW Station Wagon
TM Tandem
TB Tilt Cab
TL Tilt Tandem
DS Tractor Truck (Diesel)
TR Tractor Truck (Gasoline)
LL Suburban & Carry All

Variable 345:VIN BODY TYPE (Continued)

29Aug00 Prcnt Code Value and Description

UT Utility (Blazer, Jimmy, Scout, etc.)
 VN Van
 VC Van Camper
 VT Vanette (Including Metro and Handy Van)
 XT Travelall (IHC version of Chev. Suburban)
 YY Cutaway

Bikes

AT All Terrain
 T Dirt
 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
 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

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

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

29Aug00	Prcnt	Code	Value and Description
0	0.0	45	Less than 450 kilograms
1	0.0	70	
		-	Weight (to nearest 10 kilograms)
1	0.0	454	4,540 kilograms
0	0.0	610	6,100 kilograms or more
0	0.0	997	Not available
1400	18.7	998	Not applicable (most severe impact not with another vehicle or with vehicle hitting itself)
1977	26.4	999	Unknown

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

29Aug00	Prcnt	Code	Value and Description
			Automobiles
40	0.5	1	Convertible (excludes sun roof, t-bar)
577	7.7	2	2-door sedan, hardtop, coupe
264	3.5	3	3-door/2-door hatchback
1770	23.6	4	4-door sedan, hardtop
62	0.8	5	5-door/4-door hatchback
107	1.4	6	Station Wagon (excluding van and truck based)
0	0.0	7	Hatchback, number of doors unknown
1	0.0	8	Other automobile type
38	0.5	9	Unknown automobile type
			Automobile Derivatives
2	0.0	10	Auto based pickup (includes El Camino, Caballero, Ranchero, Brat and Rabbit pickup)
1	0.0	11	Auto based panel (cargo station wagon, includes auto based ambulance/hearse)
0	0.0	12	Large limousine - more than four side doors or stretched chassis
0	0.0	13	Three-wheel automobile or automobile derivative
			Utility Vehicles (< 4,536 kgs GVWR)
360	4.8	14	Compact utility (includes Jeep CJ-2 thru Jeep CJ-7, Renegade, Wrangler, Navajo, Bronco, Thing)
56	0.7	15	Large utility (includes Jeep Cherokee, Ram Charger, Trailduster, fullsize Blazer, Scout)
28	0.4	16	Utility station wagon (Chevy Suburban, GMC Suburban, Travelall, Grand Wagoneer, includes suburban limousine)
2	0.0	19	Utility unknown body type
			Van Based Light Trucks (< 4,536 kgs GVWR)
251	3.4	20	Minivan (Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
97	1.3	21	Large van (Sportsman, Royal, Ram, Chevy Van, Voyager-Pre83, Econoline, etc.)

Variable 351:BODY TYPE - OTHER VEH (Continued)

29Aug00 Prcnt Code Value and Description

3	0.0	22	Step van or walk-in van (< 4,536 kgs GVWR)
1	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)
7	0.1	28	Other van type (Hi-Cube Van, Kary)
3	0.0	29	Unknown van type
Lt Conventional Truck (P.U. style cab, < 4,536 kgs. GVWR)			
281	3.8	30	Compact pickup (Ram 50, Dakota, Arrow Pickup, Ranger, Toyota Pickup, etc.)
288	3.8	31	Large pickup (Jeep Pickup, Comanche, Silverado, Sierra, etc.)
0	0.0	32	Pickup with slide-in camper
1	0.0	33	Convertible pickup
9	0.1	39	Unknown (pickup style) light conventional truck
Other Light Trucks (< or = 4,536 kgs. GVWR)			
17	0.2	40	Cab chassis based (includes rescue vehicle, light stake, dump, and tow truck)
0	0.0	41	Truck based panel
0	0.0	42	Light truck based motorhome (chassis mounted)
0	0.0	45	Other light conventional truck type
1	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)
10	0.1	58	Other bus type (e.g., transit, intercity, bus based motorhome)
2	0.0	59	Unknown bus type
Medium/Heavy Trucks (> 4,536 kgs GVWR)			
3	0.0	60	Step van (> 4,536 kgs GVWR)
17	0.2	61	Single unit straight truck (4,536 kgs < GVWR < or = 8,845 kgs)
7	0.1	62	Single unit straight truck (8,845 kgs < GVWR < or = 11,793 kgs)
33	0.4	63	Single unit straight truck (>11,793 kgs GVWR)
14	0.2	64	Single unit straight truck, GVWR unknown
2	0.0	65	Medium/heavy truck based motorhome
8	0.1	67	Truck-tractor with no cargo trailer
98	1.3	68	Truck-tractor pulling one trailer
7	0.1	69	Truck-tractor pulling two or more trailers
4	0.1	70	Truck-tractor (unknown if pulling trailer)
4	0.1	78	Unknown medium/heavy truck type
2	0.0	79	Unknown truck type (light/medium/heavy)
Motored Cycles (Does not include atv/atc)			
5	0.1	80	Motorcycle
0	0.0	81	Moped (motorized bicycle)

Variable 351:BODY TYPE - OTHER VEH (Continued)

29Aug00	Prcnt	Code	Value and Description
0	0.0	82	Three-wheel motorcycle or moped
0	0.0	88	Other motored cycle type (minibike, motorscooter)
0	0.0	89	Unknown motored cycle type
			Other Vehicles
0	0.0	90	ATV (all terrain vehicle including dune/swamp buggy) and ATC (all terrain cycle)
0	0.0	91	Snowmobile
1	0.0	92	Farm equipment
3	0.0	93	Construction equipment other than trucks
1	0.0	97	Other type vehicle
1400	18.7	98	Not applicable (most severe impact not with another vehicle or with vehicle hitting itself)
1592	21.3	99	Unknown body type

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

29Aug00	Prcnt	Code	Value and Description
6495	86.7	0	No rollover (no overturning)
			Rollover (primarily about the longitudinal axis)
120	1.6	1	Rollover - one quarter turn only
163	2.2	2	Rollover - two quarter turns
38	0.5	3	Rollover - three quarter turns
133	1.8	4	Rollover - four quarter turns
17	0.2	5	Rollover - five quarter turn
55	0.7	6	Rollover - six quarter turns
6	0.1	7	Rollover - seven quarter turns
29	0.4	8	Rollover - eight quarter turns
1	0.0	9	Rollover - nine quarter turns
9	0.1	10	Rollover - ten quarter turns
1	0.0	11	Rollover - eleven quarter turns
6	0.1	12	Rollover - twelve quarter turns
0	0.0	13	Rollover - thirteen quarter turns
1	0.0	14	Rollover - fourteen quarter turns
0	0.0	15	Rollover - fifteen quarter turns
1	0.0	16	Rollover - sixteen quarter turns
1	0.0	17	Rollover - seventeen or more quarter turns
			Rollover (primarily about the lateral axis)
5	0.1	98	Rollover - end-over-end
409	5.5	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

29Aug00	Prcnt	Code	Value and Description
6495	86.7	0	No rollover
360	4.8	1	Trip-over
37	0.5	2	Flip-over
10	0.1	3	Turn-over
11	0.1	4	Climb-over
39	0.5	5	Fall-over
47	0.6	6	Bounce-over
72	1.0	7	Collision with another vehicle
5	0.1	8	Other rollover initiation type
5	0.1	98	Rollover - end-over-end
409	5.5	99	Unknown rollover initiation type or Inapplicable - Body Type (V309) = 50-99

Variable 354	LOCATION OF ROLLOVER INI	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Location of rollover initiation

29Aug00	Prcnt	Code	Value and Description
6495	86.7	0	No rollover
141	1.9	1	On roadway
26	0.3	2	On shoulder - paved
52	0.7	3	On shoulder - unpaved
362	4.8	4	On roadside or divided trafficway median
5	0.1	8	Rollover -- end-over-end
409	5.5	9	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 355	ROLLOVER INIT OBJ CONTAC	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Rollover initiation object contacted

29Aug00	Prcnt	Code	Value and Description
6495	86.7	0	No rollover
27	0.4	1	Vehicle Number 1
37	0.5	2	Vehicle Number 2
4	0.1	3	Vehicle Number 3
			Noncollision
49	0.7	31	Turn-over - fall-over
5	0.1	32	No rollover impact initiation (end-over-end)
0	0.0	34	Jackknife

Variable 355:ROLLOVER INIT OBJ CONTAC (Continued)

29Aug00 Prcnt Code Value and Description

Collision with fixed object			
3	0.0	41	Tree (< or = 10 centimeters in diameter)
11	0.1	42	Tree (> 10 centimeters in diameter)
0	0.0	43	Shrubbery or bush
22	0.3	44	Embankment
2	0.0	45	Breakaway pole or post
Nonbreakaway pole or post			
1	0.0	50	Pole or post (< or = 10 centimeters in diameter)
6	0.1	51	Pole or post (> 10 or < or = 30 centimeters in diameter)
0	0.0	52	Pole or post (> 30 centimeters in diameter)
0	0.0	53	Pole, post - diameter unknown
16	0.2	54	Concrete traffic barrier
0	0.0	55	Impact attenuator
15	0.2	56	Other traffic barrier (includes guardrail)
1	0.0	57	Fence
6	0.1	58	Wall
0	0.0	59	Building
1	0.0	60	Ditch or culvert
307	4.1	61	Ground
2	0.0	62	Fire hydrant
27	0.4	63	Curb
2	0.0	64	Bridge
37	0.5	68	Other fixed object
0	0.0	69	Unknown fixed object
Collision with nonfixed object			
4	0.1	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
1	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
0	0.0	98	Other event
409	5.5	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

Variable 356:PRIN TRIP FORCE APPLIED (Continued)

29Aug00 Prcnt Code Value and Description

6495	86.7	0	No rollover
362	4.8	1	Wheels/tires
63	0.8	2	Side plane
59	0.8	3	End plane
48	0.6	4	Undercarriage
0	0.0	5	Other location on vehicle
49	0.7	6	Non-contact rollover forces
5	0.1	8	Rollover -- end-over-end
409	5.5	9	Unknown or Inapplicable - Body Type (V309) = 50-99

Variable 357	DIRECTION OF INITIAL ROL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Direction of initial roll

29Aug00 Prcnt Code Value and Description

6495	86.7	0	No rollover
263	3.5	1	Roll right - primarily about longitudinal axis
318	4.2	2	Roll left - primarily about longitudinal axis
5	0.1	8	Rollover -- end-over-end (i.e., primarily about lateral axis)
409	5.5	9	Unknown roll direction or Inapplicable - Body Type (V309) = 50-99

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

Heading angle for this vehicle

29Aug00 Prcnt Code Value and Description

786	10.5	0	
		-	Actual coded value
4	0.1	359	
16	0.2	996	Non-horizontal impact
358	4.8	997	Noncollision
1222	16.3	998	Impact with object
329	4.4	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

29Aug00	Prcnt	Code	Value and Description
759	10.1	0	- Actual coded value
5	0.1	359	
16	0.2	996	Non-horizontal impact
358	4.8	997	Noncollision
1222	16.3	998	Impact with object
333	4.4	999	Unknown or Inapplicable - Body Type (V309) = 50-99

<u>Variable 360</u>	<u>RECONSTRUCT CONFIDENCE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

Confidence in reconstruction program results

29Aug00	Prcnt	Code	Value and Description
3298	44.0	0	No reconstruction
2695	36.0	1	Collision fits model - results appear reasonable
99	1.3	2	Collision fits model - results appear high
100	1.3	3	Collision fits model - results appear low
982	13.1	4	Borderline reconstruction - results appear reasonable
316	4.2	9	Inapplicable - Body Type (V309) = 50-99

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

29Aug00	Prcnt	Code	Value and Description
1276	17.0	0	No vehicle inspection
			Delta V calculated
2456	32.8	1	Reconstruction program - damage only routine
18	0.2	2	Reconstruction program - damage and trajectory routine
1402	18.7	3	Missing vehicle algorithm
			Delta V not calculated
384	5.1	4	At least one vehicle is beyond the scope of reconstruction program regardless of collision condition
307	4.1	5	Rollover
69	0.9	6	Other non-horizontal forces
136	1.8	7	Sideswipe type damage
29	0.4	8	Severe override
249	3.3	9	Yielding object
158	2.1	10	Overlapping damage

Variable 361: BASIS FOR TOTAL DELTA-V (Continued)

29Aug00 Prcnt Code Value and Description

605	8.1	11	All vehs & collision conditions are within scope, but there is insufficient data available
85	1.1	98	Other
316	4.2	99	Inapplicable - Body Type (V309) = 50-99

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

29Aug00 Prcnt Code Value and Description

0	0.0	0	Less than 0.5 KPH
1	0.0	3	
		-	Nearest KPH
1	0.0	123	
0	0.0	160	159.5 KPH and above
3614	48.3	999	Unknown or Inapplicable - Body Type (V309) = 50-99

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

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

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

29Aug00 Prcnt Code Value and Description

0	0.0	0	Less than 50 joules
1	0.0	6	
		-	Nearest 100 joules
1	0.0	6326	
0	0.0	9997	999,650 joules or more
3614	48.3	9999	Unknown or Inapplicable - Body Type (V309) = 50-99

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

29Aug00	Prcnt	Code	Value and Description
		0	Less than 0.5 kmph
		3	0.0
		-	nearest kmph
		123	0.0
		160	0.0 > or = 159.0 kmph and above
3204	42.8	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)

29Aug00	Prcnt	Code	Value and Description
4287	57.2	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
1871	25.0	9	Unknown or Inapplicable - Body Type (V309) = 50-99

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

29Aug00	Prcnt	Code	Value and Description
		0	No statutory limit
		8	8 KPH (5 mph)
		-	Posted or statutory limit (kph)
		121	121 KPH (75mph)
		999	Unknown

NASS Crashworthiness Data System (CDS)
1999 - General Vehicle

<u>Variable 369</u>	<u>TRAVEL SPEED (KPH)</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Police reported travel speed (MPH x 1.6093 = KPH)

29Aug00	Prcnt		Code	Value and Description
	467	6.2	0	Stopped vehicle or traveling less than 0.5 kph
	2	0.0	2	
			-	Police reported travel speed (KPH)
	1	0.0	159	
	5	0.1	160	159.5 KPH or greater
	5252	70.1	999	Unknown

<u>Variable 370</u>	<u>IMPACT SPEED</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

29Aug00	Prcnt		Code	Value and Description
	0	0.0	0	< 0.5 kmph
	1	0.0	29	
			-	nearest kmph
	1	0.0	113	
	0	0.0	160	> or = 159.0 kmph and above
	3858	51.5	998	Trajectory algorithm
	3614	48.3	999	Unknown or Inapplicable - Body Type (V309) = 50-99

<u>Variable 371</u>	<u>ACCIDENT TYPE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

29Aug00	Prcnt		Code	Value and Description
	0	0.0	0	No impact
	417	5.6	1	
			-	Diagram number (see Appendix B)
	6	0.1	93	
	615	8.2	98	Other accident type
	0	0.0	99	Unknown or no driver present

<u>Variable 372</u>	<u>TRAJECTORY DATA DOC</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

Documentation of trajectory data for this vehicle?

29Aug00	Prcnt		Code	Value and Description
	5354	71.5	0	No
	1820	24.3	1	Yes
	316	4.2	9	Inapplicable - Body Type (V309) = 50-99

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

Post collision condition of tree or pole

29Aug00	Prcnt	Code	Value and Description
6517	87.0	0	Not collision (for highest delta V) with tree or pole
469	6.3	1	Not damaged
85	1.1	2	Cracked/sheared
13	0.2	3	Tilted < 45 degrees
12	0.2	4	Tilted > or = 45 degrees
9	0.1	5	Uprooted tree
9	0.1	6	Separated pole from base
43	0.6	7	Pole replaced
5	0.1	8	Other
328	4.4	9	Unknown or Inapplicable Body Type (V309) = 50-99

<u>Variable 374</u>	<u>DISTRACTION TO DRIVING</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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

29Aug00	Prcnt	Code	Value and Description
20	0.3	0	No driver present
2834	37.8	1	Attentive or not distracted
325	4.3	2	Looked but did not see
			Distractions
77	1.0	3	By other occupant(s)
14	0.2	4	By moving object in vehicle
7	0.1	5	While talking or listening to cellular phone (specify location and type of phone)
1	0.0	6	While dialing cellular phone (specify location and type of phone)
4	0.1	7	While adjusting climate controls
18	0.2	8	While adjusting radio, cassette, CD
10	0.1	9	While using other device/controls integral to vehicle
28	0.4	10	While using or reaching for device/object brought into vehicle
151	2.0	11	Sleepy or fell asleep
134	1.8	12	Distracted by outside person, object, or event
14	0.2	13	Eating or drinking
7	0.1	14	Smoking related
36	0.5	97	Distracted/inattentive, details unknown
154	2.1	98	Other distraction
3656	48.8	99	Unknown

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<u>Variable 375</u>	<u>PRE-EVENT MOVEMENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

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

29Aug00	Prcnt	Code	Value and Description
20	0.3	0	No driver present
4103	54.8	1	Going straight
182	2.4	2	Decelerating in traffic lane
30	0.4	3	Accelerating in traffic lane
19	0.3	4	Starting in traffic lane
594	7.9	5	Stopped in traffic lane
62	0.8	6	Passing or overtaking another vehicle
6	0.1	7	Disabled or parked in travel lane
11	0.1	8	Leaving a parked position
1	0.0	9	Entering a parked position
118	1.6	10	Turning right
997	13.3	11	Turning left
29	0.4	12	Making U-turn
15	0.2	13	Backing up (other than for parking position)
1045	14.0	14	Negotiating a curve
132	1.8	15	Changing lanes
22	0.3	16	Merging
55	0.7	17	Successful avoidance maneuver to a previous critical event
11	0.1	97	Other
38	0.5	99	Unknown

<u>Variable 376</u>	<u>CRITICAL PRECRASH EVENT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Initial critical precrash event (Precrash 2)

29Aug00	Prcnt	Code	Value and Description
This Vehicle Loss of Control Due To:			
28	0.4	1	Blow out or flat tire
1	0.0	2	Stalled engine
19	0.3	3	Disabling vehicle failure (e.g. wheel fell off)
20	0.3	4	Non-disabling vehicle problem (e.g. hood flew up)
154	2.1	5	Poor road conditions (puddle, pothole, ice, etc.)
217	2.9	6	Traveling too fast for conditions
4	0.1	8	Other cause of control loss
11	0.1	9	Unknown cause of control loss
This Vehicle Traveling:			
426	5.7	10	Over the lane line on left side of travel lane
182	2.4	11	Over the lane line on right side of travel lane
299	4.0	12	Off the edge of the road on the left side
511	6.8	13	Off the edge of the road on the right side
32	0.4	14	End departure
865	11.5	15	Turning left at intersection

Variable 376:CRITICAL PRECRASH EVENT (Continued)

29Aug00 Prcnt Code Value and Description

65	0.9	16	Turning right at intersection
741	9.9	17	Crossing over (passing through) intersection
23	0.3	18	This vehicle decelerating
9	0.1	19	Unknown travel direction
Other Motor Vehicle in Lane:			
396	5.3	50	Other vehicle stopped
132	1.8	51	Traveling in same direction with lower steady speed
219	2.9	52	Traveling in same direction while decelerating
657	8.8	53	Traveling in same direction with higher speed
99	1.3	54	Traveling in opposite direction
39	0.5	55	In crossover
6	0.1	56	Backing
5	0.1	59	Unknown travel direction of other motor vehicle in lane
Other Motor Vehicle Encroaching Into Lane:			
166	2.2	60	From adjacent lane (same direction) - over left lane line
138	1.8	61	From adjacent lane (same direction) - over right lane line
861	11.5	62	From opposite direction - over left lane line
22	0.3	63	From opposite direction - over right lane line
8	0.1	64	From parking lane
38	0.5	65	From crossing street - turning into same direction
591	7.9	66	From crossing street - across path
209	2.8	67	From crossing street - turning into opposite direction
14	0.2	68	From crossing street - intended path not known
19	0.3	70	From driveway - turning into same direction
21	0.3	71	From driveway - across path
58	0.8	72	From driveway - turning into opposite direction
2	0.0	73	From driveway - intended path not known
6	0.1	74	From entrance to limited access highway
8	0.1	78	Encroachment by other vehicle - details unknown
Pedestrian or Pedalcyclist, or Other Nonmotorist			
4	0.1	80	Pedestrian in roadway
0	0.0	81	Pedestrian approaching roadway
0	0.0	82	Pedestrian - unknown location
1	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			
45	0.6	87	Animal in roadway
4	0.1	88	Animal approaching roadway
2	0.0	89	Animal - unknown location
15	0.2	90	Object in roadway
5	0.1	91	Object approaching roadway
0	0.0	92	Object - unknown location
66	0.9	98	Other critical precrash event
27	0.4	99	Unknown

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

29Aug00	Prcnt	Code	Value and Description
	20 0.3	0	No driver present
	4989 66.6	1	Tracking
	752 10.0	2	Skidding longitudinally - rotation less than 30 degrees
	221 3.0	3	Skidding laterally - clockwise rotation
	236 3.2	4	Skidding laterally - counterclockwise rotation
	12 0.2	7	Other vehicle loss-of-control
	1260 16.8	9	Preocrash stability unknown

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

29Aug00	Prcnt	Code	Value and Description
	20 0.3	0	No driver present
	4880 65.2	1	Stayed in original travel lane
	1041 13.9	2	Stayed on roadway but left original travel lane
	61 0.8	3	Stayed on roadway, not known if left original travel lane
	1322 17.7	4	Departed roadway
	48 0.6	5	Remained off roadway
	28 0.4	6	Returned to roadway
	25 0.3	7	Entered roadway
	65 0.9	9	Unknown

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

Attempted avoidance maneuver

29Aug00	Prcnt	Code	Value and Description
	20 0.3	0	No driver present
	2623 35.0	1	No avoidance maneuver
	518 6.9	2	Braking (no lockup)
	527 7.0	3	Braking (lockup)
	106 1.4	4	Braking (lockup unknown)
	2 0.0	5	Releasing brakes
	238 3.2	6	Steering left
	256 3.4	7	Steering right
	196 2.6	8	Braking and steering left
	211 2.8	9	Braking and steering right
	46 0.6	10	Accelerating
	18 0.2	11	Accelerating and steering left
	10 0.1	12	Accelerating and steering right
	40 0.5	98	Other action
	2679 35.8	99	Unknown

<u>Variable 380</u>	<u>RELATION TO INTERCHANGE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Relation to interchange or junction

29Aug00	Prcnt	Code	Value and Description
2870	38.3	0	Non-interchange area and non-junction
421	5.6	1	Interchange area related
Non-Interchange junctions			
3673	49.0	2	Interchange related
512	6.8	3	Driveway, alley access related
14	0.2	4	Other junction
0	0.0	5	Unknown type of junction
0	0.0	9	Unknown

<u>Variable 381</u>	<u>TRAFFICWAY FLOW</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00	Prcnt	Code	Value and Description
4778	63.8	0	Not physically divided (two way trafficway)
1350	18.0	1	Divided trafficway-median strip without positive barrier
850	11.3	2	Divided trafficway-median strip with positive barrier
511	6.8	3	One way trafficway
1	0.0	9	Unknown

<u>Variable 382</u>	<u>NUMBER OF TRAVEL LANES</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00	Prcnt	Code	Value and Description
171	2.3	1	One
3545	47.3	2	Two
1190	15.9	3	Three
1351	18.0	4	Four
858	11.5	5	Five
216	2.9	6	Six
155	2.1	7	Seven or more
4	0.1	9	Unknown

<u>Variable 383</u>	<u>ROADWAY ALIGNMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00	Prcnt	Code	Value and Description
6225	83.1	1	Straight
618	8.3	2	Curve right
646	8.6	3	Curve left

Variable 383:ROADWAY ALIGNMENT (Continued)

29Aug00 Prcnt Code Value and Description

1 0.0 9 Unknown

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

29Aug00 Prcnt Code Value and Description

5255	70.2	1	Level
996	13.3	2	Uphill grade (> 2%)
59	0.8	3	Hillcrest
1143	15.3	4	Downhill grade (> 2%)
28	0.4	5	Sag
9	0.1	9	Unknown

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

29Aug00 Prcnt Code Value and Description

789	10.5	1	Concrete
6586	87.9	2	Bituminous (asphalt)
7	0.1	3	Brick or block
23	0.3	4	Slag, gravel or stone
49	0.7	5	Dirt
33	0.4	8	Other
3	0.0	9	Unknown

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

29Aug00 Prcnt Code Value and Description

5964	79.6	1	Dry
1271	17.0	2	Wet
131	1.7	3	Snow or slush
104	1.4	4	Ice
5	0.1	5	Sand, dirt or oil
12	0.2	8	Other
3	0.0	9	Unknown

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

29Aug00 Prcnt Code Value and Description

4772	63.7	1	Daylight
736	9.8	2	Dark
1642	21.9	3	Dark, but lighted
147	2.0	4	Dawn
185	2.5	5	Dusk
8	0.1	9	Unknown

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

29Aug00 Prcnt Code Value and Description

6353	84.8	0	No adverse atmospheric-related driving conditions
913	12.2	1	Rain
14	0.2	2	Sleet/hail
143	1.9	3	Snow
47	0.6	4	Fog
2	0.0	5	Rain and fog
0	0.0	6	Sleet and fog
15	0.2	7	Other (e.g. smog, smoke, blowing sand or dust, etc.)
3	0.0	9	Unknown

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

29Aug00 Prcnt Code Value and Description

4509	60.2	0	No traffic control(s)
2113	28.2	1	Traffic control signal (not RR crossing)
			Regulatory
585	7.8	2	Stop sign
22	0.3	3	Yield sign
6	0.1	4	School zone sign
103	1.4	5	Other regulatory sign
120	1.6	6	Warning sign (not RR crossing)
0	0.0	7	Unknown sign
30	0.4	8	Miscellaneous/other controls including RR controls
2	0.0	9	Unknown

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<u>Variable 390</u>	<u>CONTROL DEVICE FUNCTION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Traffic control device functioning

29Aug00	Prcnt		Code	Value and Description
4509	60.2	0		No traffic control device
29	0.4	1		Traffic control device not functioning
2947	39.3	2		Traffic control device functioning properly
5	0.1	9		Unknown

<u>Variable 391</u>	<u>DRIVER PRESENCE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00	Prcnt		Code	Value and Description
12	0.2	0		Driver not present
7162	95.6	1		Driver present
316	4.2	9		Unknown or Inapplicable - Body Type (V309) = 50-99

<u>Variable 392</u>	<u>ALCOHOL PRESENCE</u>	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.

29Aug00	Prcnt		Code	Value and Description
5783	77.2	0		No alcohol present
709	9.5	1		Yes alcohol present
661	8.8	7		Not reported
20	0.3	8		No driver present
317	4.2	9		Unknown

<u>Variable 393</u>	<u>ALCOHOL TEST RESULT</u>	Width: 2	Type: Numeric
		Dec: 2	Miss: 0.99

Alcohol test result for driver

29Aug00	Prcnt		Code	Value and Description
512	6.8	0.00		
				- Actual value
1	0.0	0.48		
25	0.3	0.95		Test refused
5761	76.9	0.96		None given

Variable 393:ALCOHOL TEST RESULT (Continued)

29Aug00	Prcnt	Code	Value and Description
214	2.9	0.97	AC test performed, results unknown
20	0.3	0.98	No driver present
393	5.2	0.99	Unknown

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

Police reported other drug presence for driver

29Aug00	Prcnt	Code	Value and Description
5270	70.4	0	No other drug(s) present
72	1.0	1	Yes other drug(s) present
1875	25.0	7	Not reported
20	0.3	8	No driver present
253	3.4	9	Unknown

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

Other drug specimen test result for driver

29Aug00	Prcnt	Code	Value and Description
5893	78.7	0	No specimen test given
422	5.6	1	Drug(s) not found in specimen
251	3.4	2	Drug(s) found in specimen
74	1.0	3	Specimen test given, results unknown or not obtained
20	0.3	8	No driver present
830	11.1	9	Unknown if specimen test given

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

29Aug00	Prcnt	Code	Value and Description
6	0.1	1	Driver not a resident of U.S. or territories
		-	Actual 5-digit zip code
20	0.3	99998	Driver not present
212	2.8	99999	Unknown

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

Driver's Race/Ethnic Origin

29Aug00	Prcnt	Code	Value and Description
2967	39.6	1	White (non-Hispanic)
671	9.0	2	Black (non-Hispanic)
338	4.5	3	White (Hispanic)
5	0.1	4	Black (Hispanic)
22	0.3	5	American Indian, Eskimo or Aleut
112	1.5	6	Asian or Pacific Islander
54	0.7	7	Other
20	0.3	8	Driver not present
3301	44.1	9	Unknown

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

Automatic Occupant Protection System (AOPS) Vehicle?

29Aug00	Prcnt	Code	Value and Description
2845	38.0	0	No or Unknown
4271	57.0	1	Yes - researcher determined
1	0.0	2	VIN determined air bag system
57	0.8	3	VIN determined automatic (passive) belts
0	0.0	4	VIN determined air bag and automatic (passive) belts
316	4.2	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

29Aug00	Prcnt	Code	Value and Description
3374	45.0	0	Not equipped or not available
1549	20.7	1	No air bags deployed
			Single air bag vehicle
355	4.7	2	Driver air bag deployed
28	0.4	3	Driver air bag, unknown if deployed
			Multiple air bag vehicle
28	0.4	4	Driver side only deployed
5	0.1	5	Passenger side only deployed
1173	15.7	6	Driver and passenger side only deployed
85	1.1	7	Driver and passenger side, unknown if deployed
104	1.4	8	Air bag(s) deployed, details unknown
789	10.5	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

29Aug00	Prcnt	Code	Value and Description
7031	93.9	0	Not equipped with an "other" air bag
22	0.3	1	Deployed during accident (as a result of impact)
0	0.0	2	Deployed inadvertently just prior to accident
0	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)
7	0.1	5	Unknown if deployed
53	0.7	7	Nondeployed
377	5.0	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

29Aug00	Prcnt	Code	Value and Description
1457	19.5	1	A - Active (manual on both sides)
48	0.6	2	B - Driver side air bag / passenger side unknown
72	1.0	3	C - Air bags on both sides / belt system unknown
143	1.9	4	D - Driver side air bag / passenger side automatic belts
1918	25.6	5	E - Air bags on both sides / manual belt system
53	0.7	6	F - Air bags on both sides / automatic belt system
0	0.0	7	G - DUAL FR+SID/UNK
0	0.0	8	H - DUAL FR+HD+SI/UN
0	0.0	9	I - DUAL FR+HD+SI/PA
63	0.8	11	K - Dual air bags front and sides / active belts
7	0.1	12	L - DUAL FR+HD+SI/AC
672	9.0	13	M - Driver side air bag / passenger side manual belts
786	10.5	16	P - Passive (automatic on both sides)
3	0.0	19	S
144	1.9	21	U
1	0.0	22	V
1	0.0	24	X
681	9.1	39	Unknown
1441	19.2	99	Not coded

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

29Aug00	Prcnt	Code	Value and Description
1438	19.2	0	No treatment
402	5.4	1	Fatal
11	0.1	2	Fatal - ruled disease

Variable 402:MAXIMUM TREATMENT (Continued)

29Aug00 Prcnt Code Value and Description

1551	20.7	3	Hospitalization
2182	29.1	4	Transported and released
55	0.7	5	Treatment at scene
249	3.3	6	Treatment later
0	0.0	7	Treatment - other
106	1.4	8	Transported - unknown treatment
1496	20.0	9	Unknown or Inapplicable - Body Type (V309) = 50-99

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

29Aug00 Prcnt Code Value and Description

1219	16.3	0	Not injured
2485	33.2	1	Minor injury
857	11.4	2	Moderate injury
591	7.9	3	Serious injury
211	2.8	4	Severe injury
239	3.2	5	Critical injury
77	1.0	6	Maximum (untreatable) injury
382	5.1	7	Injury, unknown severity
1429	19.1	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

29Aug00 Prcnt Code Value and Description

4976	66.4	0	None
1044	13.9	1	
		-	Number of persons
5	0.1	4	
1327	17.7	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

29Aug00 Prcnt Code Value and Description

1321	17.6	0	None
3365	44.9	1	

Variable 405:NUMBER INJURED (Continued)

29Aug00 Prcnt Code Value and Description

		-	Number of persons
1	0.0	10	
1327	17.7	99	Unknown or Inapplicable - Body Type (V309) = 50-99

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

29Aug00 Prcnt Code Value and Description

9	0.1	0	
		-	Actual number of occupants for vehicle
1	0.0	26	
0	0.0	97	97 or more
316	4.2	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

29Aug00 Prcnt Code Value and Description

1011	13.5	0	
		-	Number of occupant forms
1	0.0	26	
316	4.2	99	Inapplicable - Body Type (V309) = 50-99

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

29Aug00 Prcnt Code Value and Description

4965	66.3	1	Event #1
607	8.1	2	Event #2
219	2.9	3	Event #3
52	0.7	4	Event #4
32	0.4	5	Event #5
13	0.2	6	Event #6
4	0.1	7	Event #7
3	0.0	8	Event #8
2	0.0	9	Event #9
1	0.0	10	Event #10
1592	21.3	99	Unknown, no indication of Delta V coded, Inapplicable - Body Type (V309) = 50-99

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

29Aug00	Prcnt	Code Value and Description	
2033	27.1	0	Filler - No damage record for this vehicle.
5457	72.9	6	Exterior Damage record

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

29Aug00	Prcnt	Code Value and Description	
7490	100.0	12	Version 12

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

29Aug00	Prcnt	Code Value and Description	
4274	57.1	1	Vehicle #1
2763	36.9	2	Vehicle #2
357	4.8	3	Vehicle #3
74	1.0	4	Vehicle #4
15	0.2	5	Vehicle #5
3	0.0	6	Vehicle #6
2	0.0	7	Vehicle #7
2	0.0	8	Vehicle #8

NASS Crashworthiness Data System (CDS)
1999 - Exterior Damage

<u>Variable 506</u>	<u>ACCIDENT SEQUENCE (1)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

CDC 1 - ACCIDENT EVENT SEQUENCE NUMBER

29Aug00	Prcnt		Code Value and Description
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0	0.0	0	No event
4578	61.1	1	
		-	Sequence number
1	0.0	10	
2033	27.1	99	No Record

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

29Aug00	Prcnt		Code Value and Description
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Collision with Motor Vehicle in Transport			
0	0.0	0	No event or CDC applicable
1911	25.5	1	
		-	Vehicle number
2	0.0	8	
Noncollision			
319	4.3	31	Overturn - rollover (excludes end-over-end)
2	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			
16	0.2	41	Tree (< or = 10 cm in diameter)
284	3.8	42	Tree (> 10 cm in diameter)
3	0.0	43	Shrubbery or bush
43	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)
143	1.9	51	Pole or post (> 10 or < or = 30 cm in diameter)
84	1.1	52	Pole or post (> 30 cm in diameter)
5	0.1	53	Pole, post - diameter unknown
82	1.1	54	Concrete traffic barrier
3	0.0	55	Impact attenuator
76	1.0	56	Other traffic barrier (includes guardrail)
7	0.1	57	Fence
39	0.5	58	Wall
23	0.3	59	Building
40	0.5	60	Ditch or culvert
8	0.1	61	Ground
9	0.1	62	Fire hydrant
10	0.1	63	Curb

Variable 507:OBJECT CONTACTED (1) (Continued)

29Aug00	Prcnt	Code	Value and Description
31	0.4	64	Bridge
26	0.3	68	Other fixed object
1	0.0	69	Unknown fixed object
			Collision with nonfixed object
62	0.8	70	Passenger car, light truck, van or other vehicle not in-transport
8	0.1	71	Medium/heavy truck or bus not in-transport
0	0.0	72	Pedestrian
0	0.0	73	Cyclist or cycle
0	0.0	74	Other nonmotorist or conveyance
0	0.0	75	Vehicle occupant
17	0.2	76	Animal
6	0.1	77	Train
3	0.0	78	Trailer, disconnected in transport
5	0.1	79	Object fell from vehicle in transport
15	0.2	88	Other nonfixed object
0	0.0	89	Unknown nonfixed object
0	0.0	98	Other event
2033	27.1	99	Unknown event or object

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

29Aug00	Prcnt	Code	Value and Description
384	5.1	0	Nonhorizontal force
507	6.8	1	1 o'clock
251	3.4	2	2 o'clock
119	1.6	3	3 o'clock
23	0.3	4	4 o'clock
18	0.2	5	5 o'clock
397	5.3	6	6 o'clock
26	0.3	7	7 o'clock
32	0.4	8	8 o'clock
193	2.6	9	9 o'clock
307	4.1	10	10 o'clock
533	7.1	11	11 o'clock
1900	25.4	12	12 o'clock
			End shift vertical - up; top shift forward
8	0.1	20	Nonhorizontal force
1	0.0	21	1 o'clock
3	0.0	26	6 o'clock
2	0.0	29	9 o'clock
2	0.0	31	11 o'clock
14	0.2	32	12 o'clock

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

29Aug00 Prcnt Code Value and Description

End shift vertical - down; top shift rearward

2	0.0	40	Nonhorizontal force
1	0.0	41	1 o'clock
9	0.1	46	6 o'clock
1	0.0	51	11 o'clock
3	0.0	52	12 o'clock

End or top shift lateral - right

3	0.0	60	Nonhorizontal force
2	0.0	61	1 o'clock
14	0.2	62	2 o'clock
9	0.1	63	3 o'clock
2	0.0	64	4 o'clock
1	0.0	65	5 o'clock
1	0.0	66	6 o'clock
1	0.0	68	8 o'clock
9	0.1	69	9 o'clock
39	0.5	70	10 o'clock
61	0.8	71	11 o'clock
25	0.3	72	12 o'clock

End or top shift lateral - left

6	0.1	80	Nonhorizontal force
61	0.8	81	1 o'clock
54	0.7	82	2 o'clock
3	0.0	83	3 o'clock
1	0.0	84	4 o'clock
1	0.0	87	7 o'clock
3	0.0	88	8 o'clock
12	0.2	89	9 o'clock
8	0.1	90	10 o'clock
11	0.1	91	11 o'clock
26	0.3	92	12 o'clock

2401 32.1 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

29Aug00	Prcnt	Code	Value and Description
0	0.0	0	No event
1169	15.6	1	Extent zone 1
1534	20.5	2	Extent zone 2
1143	15.3	3	Extent zone 3
456	6.1	4	Extent zone 4
160	2.1	5	Extent zone 5
121	1.6	6	Extent zone 6
58	0.8	7	Extent zone 7
30	0.4	8	Extent zone 8
61	0.8	9	Extent zone 9
2758	36.8	99	Unknown/No record

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

Deformation location (1) - numeric

29Aug00	Prcnt	Code	Value and Description
460	6.1	2	B - Back (rear)
3178	42.4	6	F - Front
801	10.7	12	L - Left side
591	7.9	18	R - Right side
316	4.2	20	T - Top
21	0.3	21	U - Undercarriage
90	1.2	39	Unknown
2033	27.1	99	Not applicable or No CDC

NASS Crashworthiness Data System (CDS)
1999 - Exterior Damage

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

Specific longitudinal or lateral location (1) - numeric

29Aug00	Prcnt	Code	Value and Description
60	0.8	2	B
60	0.8	3	C
2053	27.4	4	D
260	3.5	6	F
351	4.7	12	L
224	3.0	16	P
322	4.3	18	R
1008	13.5	25	Y
644	8.6	26	Z
475	6.3	39	Unknown
2033	27.1	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

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

Specific vertical or lateral location (1) - numeric

29Aug00	Prcnt	Code	Value and Description
419	5.6	1	A
315	4.2	4	D
4094	54.7	5	E
10	0.1	7	G
14	0.2	8	H
111	1.5	12	L
31	0.4	13	M

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

29Aug00 Prcnt Code Value and Description

2	0.0	18	R
10	0.1	23	W
4	0.1	25	Y
4	0.1	26	Z
443	5.9	39	Unknown
2033	27.1	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 517	TYPE OF DISTRIB (1)-NUM	Width: 2	Type: Numeric
		Dec: None	Miss: 39

Type of damage distribution (1) - numeric

29Aug00 Prcnt Code Value and Description

9	0.1	1	A - Overhanging structure
360	4.8	5	E - Corner
234	3.1	14	N - Narrow impact area
320	4.3	15	O - Rollover (includes side)
108	1.4	19	S - Sideswipe
7	0.1	21	U - No residual deformation
3923	52.4	23	W - Wide impact area
496	6.6	39	Unknown
2033	27.1	99	Not applicable or No CDC

NASS Crashworthiness Data System (CDS)
1999 - Exterior Damage

<u>Variable 518</u>	<u>ACCIDENT SEQUENCE (2)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

CDC 2 - ACCIDENT EVENT SEQUENCE NUMBER

29Aug00	Prcnt		Code Value and Description
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0	0.0	0	No event
445	5.9	1	
		-	Sequence number
1	0.0	9	
5582	74.5	99	No Record

<u>Variable 519</u>	<u>OBJECT CONTACTED (2)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

29Aug00	Prcnt		Code Value and Description
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Collision with Motor Vehicle in Transport			
0	0.0	0	No event or not CDC applicable
306	4.1	1	
		-	Vehicle number
6	0.1	5	
Noncollision			
1	0.0	8	
204	2.7	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			
34	0.5	41	Tree (< or = 10 cm in diameter)
104	1.4	42	Tree (> 10 cm in diameter)
5	0.1	43	Shrubbery or bush
37	0.5	44	Embankment
14	0.2	45	Breakaway pole or post (any diameter)
Nonbreakaway pole or post			
60	0.8	50	Pole or post (< or = 10 cm in diameter)
73	1.0	51	Pole or post (> 10 or < or = 30 cm in diameter)
29	0.4	52	Pole or post (> 30 cm in diameter)
5	0.1	53	Pole, post - diameter unknown
59	0.8	54	Concrete traffic barrier
0	0.0	55	Impact attenuator
82	1.1	56	Other traffic barrier (includes guardrail)
52	0.7	57	Fence
28	0.4	58	Wall
9	0.1	59	Building
23	0.3	60	Ditch or culvert
19	0.3	61	Ground

Variable 519:OBJECT CONTACTED (2) (Continued)

29Aug00	Prcnt	Code	Value and Description
18	0.2	62	Fire hydrant
81	1.1	63	Curb
11	0.1	64	Bridge
50	0.7	68	Other fixed object
8	0.1	69	Unknown fixed object
			Collision with nonfixed object
41	0.5	70	Passenger car, light truck, van or other vehicle not in-transport
3	0.0	71	Medium/heavy truck or bus not in-transport
2	0.0	72	Pedestrian
0	0.0	73	Cyclist or cycle
0	0.0	74	Other nonmotorist or conveyance
0	0.0	75	Vehicle occupant
3	0.0	76	Animal
1	0.0	77	Train
0	0.0	78	Trailer, disconnected in transport
3	0.0	79	Object fell from vehicle in transport
23	0.3	88	Other nonfixed object
2	0.0	89	Unknown nonfixed object
0	0.0	98	Other event
5582	74.5	99	Unknown event or object

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

29Aug00	Prcnt	Code	Value and Description
292	3.9	0	Nonhorizontal force
90	1.2	1	1 o'clock
33	0.4	2	2 o'clock
243	3.2	3	3 o'clock
18	0.2	4	4 o'clock
23	0.3	5	5 o'clock
107	1.4	6	6 o'clock
32	0.4	7	7 o'clock
14	0.2	8	8 o'clock
260	3.5	9	9 o'clock
40	0.5	10	10 o'clock
56	0.7	11	11 o'clock
487	6.5	12	12 o'clock
			End shift vertical - up; top shift forward
4	0.1	20	Nonhorizontal force
1	0.0	26	6 o'clock
3	0.0	32	12 o'clock

Variable 520:DIRECTION OF FORCE (2) (Continued)

29Aug00 Prcnt Code Value and Description

			End shift vertical - down; top shift rearward
2	0.0	40	Nonhorizontal force
			End or top shift lateral - right
3	0.0	60	Nonhorizontal force
1	0.0	61	1 o'clock
1	0.0	62	2 o'clock
			End or top shift lateral - left
2	0.0	80	Nonhorizontal force
3	0.0	81	1 o'clock
2	0.0	82	2 o'clock
2	0.0	83	3 o'clock
1	0.0	89	9 o'clock
2	0.0	92	12 o'clock
5768	77.0	99	Unknown/No record

Variable 521	DEFORMATION LOCATION (2)	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 522	LONG/LAT LOCATION (2)	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 523	VERT/LAT LOCATION (2)	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 524	TYPE OF DISTRIB (2)	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

Variable 525	DEFORMATION EXTENT (2)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

CDC 2 - DEFORMATION EXTENT

29Aug00 Prcnt Code Value and Description

0	0.0	0	No event
727	9.7	1	Extent zone 1
379	5.1	2	Extent zone 2
200	2.7	3	Extent zone 3
44	0.6	4	Extent zone 4

Variable 525:DEFORMATION EXTENT (2) (Continued)

29Aug00 Prcnt Code Value and Description

19	0.3	5	Extent zone 5
17	0.2	6	Extent zone 6
6	0.1	7	Extent zone 7
4	0.1	8	Extent zone 8
34	0.5	9	Extent zone 9
6060	80.9	99	Unknown/No record

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

Deformation location (2) - numeric

29Aug00 Prcnt Code Value and Description

134	1.8	2	B - Back (rear)
594	7.9	6	F - Front
489	6.5	12	L - Left side
456	6.1	18	R - Right side
155	2.1	20	T - Top
43	0.6	21	U - Undercarriage
37	0.5	39	Unknown
5582	74.5	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

29Aug00 Prcnt Code Value and Description

301	4.0	2	B
13	0.2	3	C
373	5.0	4	D
131	1.7	6	F
137	1.8	12	L
140	1.9	16	P
144	1.9	18	R
132	1.8	25	Y
227	3.0	26	Z
310	4.1	39	Unknown
5582	74.5	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

Variable 527:LONG/LAT LOC (2)-NUMERIC (Continued)

29Aug00 Prcnt Code Value and Description

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

29Aug00 Prcnt Code Value and Description

159	2.1	1	A
6	0.1	3	C
153	2.0	4	D
1021	13.6	5	E
4	0.1	7	G
7	0.1	8	H
95	1.3	12	L
55	0.7	13	M
6	0.1	18	R
82	1.1	23	W
5	0.1	25	Y
3	0.0	26	Z
312	4.2	39	Unknown
5582	74.5	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

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

29Aug00 Prcnt Code Value and Description

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

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

Type of damage distribution (2) - numeric

29Aug00 Prcnt Code Value and Description

1	0.0	1	A - Overhanging structure
124	1.7	5	E - Corner
253	3.4	14	N - Narrow impact area
204	2.7	15	O - Rollover (includes side)
153	2.0	19	S - Sideswipe
10	0.1	21	U - No residual deformation
815	10.9	23	W - Wide impact area
348	4.6	39	Unknown
5582	74.5	99	Not applicable or No CDC

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

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

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

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

NASS Crashworthiness Data System (CDS)
1999 - Exterior Damage

Variable 534	HIGHEST DELTA-V - "C4"	Width: 3 Dec: None	Type: Numeric Miss: 999
Variable 535	HIGHEST DELTA-V - "C5"	Width: 3 Dec: None	Type: Numeric Miss: 999
Variable 536	HIGHEST DELTA-V - "C6"	Width: 3 Dec: None	Type: Numeric Miss: 999
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	Type: Numeric
		Dec: None	Miss: 999

Variable 545	SECOND DELTA-V - "D"	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

Variable 546	CDC'S DOC/NOT CODED	Width: 1	Type: Numeric
		Dec: None	Miss: None

Are CDCs documented but not coded on the automated file?

29Aug00 Prcnt Code Value and Description

4850	64.8	0	No
607	8.1	1	Yes
2033	27.1	9	No record

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

Researcher's assessment of vehicle disposition

29Aug00 Prcnt Code Value and Description

706	9.4	0	Not towed due to vehicle damage
4529	60.5	1	Towed due to vehicle damage
2255	30.1	9	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

1	0.0	125	
		-	Wheelbase (in increments of 1 cm)
1	0.0	492	
0	0.0	650	650 centimeters or more
2041	27.2	999	Unknown/No record

NASS Crashworthiness Data System (CDS)
1999 - Exterior Damage

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

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

29Aug00	Prcnt		Code	Value and Description
			5341	71.3 0 No post manufacturer modifications
			109	1.5 1 Yes - post manufacturer modifications
			2040	27.2 9 Unknown if vehicle is modified

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

29Aug00	Prcnt		Code	Value and Description
			5404	72.1 0 No fire
				Yes, fire occurred
			23	0.3 1 Minor
			30	0.4 2 Major
			2033	27.1 9 Unknown

Variable 551	ORIGIN OF FIRE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00	Prcnt		Code	Value and Description
			5404	72.1 0 No fire
			1	0.0 1 Vehicle exterior (front, side, back, top)
			0	0.0 2 Exhaust system
			5	0.1 3 Fuel tank (and other fuel retention system parts)
			38	0.5 4 Engine compartment
			0	0.0 5 Cargo/trunk compartment
			1	0.0 6 Instrument panel
			0	0.0 7 Passenger compartment area
			3	0.0 8 Other location
			2038	27.2 9 Unknown

Variable 552	TYPE OF FUEL TANK 1	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00	Prcnt		Code	Value and Description
			0	0.0 0 No fuel tank (electrical vehicle)
			4714	62.9 1 Metallic
			663	8.9 2 Non-Metallic
			2113	28.2 9 Unknown

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

29Aug00 Prcnt Code Value and Description

5351	71.4	0	No fuel tank (electrical vehicle)
100	1.3	1	Metallic
3	0.0	2	Non-Metallic
2036	27.2	9	Unknown

Variable 554	FUEL TANK 1 LOCATION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00 Prcnt Code Value and Description

0	0.0	0	No fuel tank
996	13.3	1	Aft of center of the rear wheels (rear axle) centered
59	0.8	2	Aft of center of the rear wheels (rear axle) left side
49	0.7	3	Aft of center of the rear wheels (rear axle) right side
2856	38.1	4	Forward of center of the rear wheels (rear axle) centered
1091	14.6	5	Forward of center of the rear wheels (rear axle) left side
259	3.5	6	Forward of center of the rear wheels (rear axle) right side
50	0.7	7	Over center of the rear wheels (rear axle)
24	0.3	8	Other
2106	28.1	9	Unknown

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

29Aug00 Prcnt Code Value and Description

5351	71.4	0	No fuel tank
59	0.8	1	Aft of center of the rear wheels (rear axle) centered
4	0.1	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
6	0.1	4	Forward of center of the rear wheels (rear axle) centered
17	0.2	5	Forward of center of the rear wheels (rear axle) left side
14	0.2	6	Forward of center of the rear wheels (rear axle) right side
1	0.0	7	Over center of the rear wheels (rear axle)
2	0.0	8	Other
2036	27.2	9	Unknown

<u>Variable 556</u>	<u>FUEL TANK 1 FILLER CAP</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Fuel tank 1 filler cap location

29Aug00	Prcnt	Code	Value and Description
0	0.0	0	No fuel tank
186	2.5	1	On back plane
2551	34.1	2	Aft of center of the rear wheels (rear axle) on left side plane
1450	19.4	3	Aft of center of the rear wheels (rear axle) on right side plane
994	13.3	4	Forward of center of the rear wheels (rear axle) on left side plane
143	1.9	5	Forward of center of the rear wheels (rear axle) on right side plane
49	0.7	6	Over the center of the rear wheels (rear axle) on left side plane
31	0.4	7	Over the center of the rear wheels (rear axle) on right side plane
26	0.3	8	Other
2060	27.5	9	Unknown

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

Fuel tank 2 filler cap location

29Aug00	Prcnt	Code	Value and Description
5351	71.4	0	No fuel tank
0	0.0	1	On back plane
67	0.9	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
22	0.3	4	Forward of center of the rear wheels (rear axle) on left side plane
13	0.2	5	Forward of center of the rear wheels (rear axle) on right side plane
1	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
2033	27.1	9	Unknown

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

29Aug00 Prcnt Code Value and Description

0	0.0	0	No fuel tank
5153	68.8	1	No damage to fuel tank
120	1.6	2	Deformed, no seam failure
16	0.2	3	Deformed, with a seam failure
9	0.1	4	Punctured
2	0.0	5	Lacerated (ripped)
41	0.5	6	Abraded (scraped)
7	0.1	7	Filler neck separation from the fuel tank
18	0.2	8	Other damage
2124	28.4	9	Unknown

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

29Aug00 Prcnt Code Value and Description

5351	71.4	0	No fuel tank
104	1.4	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)
0	0.0	7	Filler neck separation from the fuel tank
0	0.0	8	Other damage
2035	27.2	9	Unknown

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

Location of fuel system 1 leakage

29Aug00 Prcnt Code Value and Description

0	0.0	0	No fuel tank
5306	70.8	1	No fuel leakage
Primary area of leakage			
27	0.4	2	Tank
12	0.2	3	Filler neck
1	0.0	4	Cap
6	0.1	5	Lines/pump/filter
0	0.0	6	Vent/emission recovery
3	0.0	8	Other
2135	28.5	9	Unknown

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

Location of fuel system 2 leakage

29Aug00	Prcnt	Code	Value and Description
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5351	71.4	0	No fuel tank
104	1.4	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
2035	27.2	9	Unknown

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

29Aug00	Prcnt	Code	Value and Description
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			Single fuel type
0	0.0	0	No fuel tank
5410	72.2	1	Gasoline
40	0.5	2	Diesel
0	0.0	3	CNG (Compressed Natural Gas)
1	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)
1	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
2038	27.2	99	Unknown

<u>Variable 563</u>	<u>FUEL TYPE 2</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

29Aug00 Prcnt Code Value and Description

		Single fuel type	
5351	71.4	0	No fuel tank
94	1.3	1	Gasoline
10	0.1	2	Diesel
0	0.0	3	CNG (Compressed Natural Gas)
1	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
2034	27.2	99	Unknown

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

Is this vehicle equipped with more than two fuel tanks?

29Aug00 Prcnt Code Value and Description

5451	72.8	0	No (one or two tanks only)
		Yes - more than two tanks	
6	0.1	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
2033	27.1	9	Unknown if more than two tanks

NASS Crashworthiness Data System (CDS)
1999 - Exterior Damage

<u>Variable 565</u>	<u>UNDEFORMED END WIDTH</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

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

29Aug00 Prcnt Code Value and Description

1	0.0	108	
		-	Code measured value to the nearest centimeter
1	0.0	242	
0	0.0	250	250 centimeters or more
1819	24.3	998	No highest severity end plane impact
2153	28.7	999	Unknown

<u>Variable 566</u>	<u>DIRECT DAMAGE WIDTH</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Direct damage width (for highest severity impact)

29Aug00 Prcnt Code Value and Description

2	0.0	1	
		-	Code measured value to the nearest centimeter
3	0.0	248	
325	4.3	250	250 centimeters or more
2957	39.5	999	Unknown

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

Original average track width

29Aug00 Prcnt Code Value and Description

2	0.0	103	
		-	Code to the nearest centimeter
2	0.0	184	
3	0.0	185	185 centimeters or more
2261	30.2	999	Unknown

<u>Variable 568</u>	<u>PDOF1-CLOCK DEGREES</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Primary CDC Clock in degrees

29Aug00 Prcnt Code Value and Description

937	12.5	0	0 degrees
		-	

Variable 568:PDOF1-CLOCK DEGREES (Continued)

29Aug00 Prcnt Code Value and Description

0	0.0	360	360 degrees
403	5.4	998	Non horizontal impact (rollover)
2401	32.1	999	Unknown

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

Secondary CDC Clock in degrees

29Aug00 Prcnt Code Value and Description

319	4.3	0	0 degrees
		-	
0	0.0	360	360 degrees
303	4.0	998	Non horizontal impact (rollover)
5768	77.0	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

29Aug00 Prcnt	Code Value and Description		
2536 33.9	0	Filler - No damage record for this vehicle.	
4954 66.1	7	Interior Damage "A" record	

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

29Aug00 Prcnt	Code Value and Description		
7490 100.0	12	Version 12	

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

29Aug00 Prcnt	Code Value and Description		
4274 57.1	1	Vehicle #1	
2763 36.9	2	Vehicle #2	
357 4.8	3	Vehicle #3	
74 1.0	4	Vehicle #4	
15 0.2	5	Vehicle #5	
3 0.0	6	Vehicle #6	
2 0.0	7	Vehicle #7	
2 0.0	8	Vehicle #8	

<u>Variable 606</u>	<u>PASS COMPART INTEGRITY</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Passenger compartment integrity

29Aug00	Prcnt	Code	Value and Description
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2778	37.1	0	No integrity loss
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Yes, Integrity was lost through:

74	1.0	1	Windshield
42	0.6	2	Door (side)
7	0.1	3	Door/hatch (back door)
0	0.0	4	Roof
8	0.1	5	Roof glass
827	11.0	6	Side window
109	1.5	7	Rear window (backlight)
0	0.0	8	Roof and roof glass
0	0.0	9	Windshield and door (side)
2	0.0	10	Windshield and roof
257	3.4	11	Side and rear window (side window and backlight)
162	2.2	12	Windshield and side window
99	1.3	13	Door and side window
475	6.3	98	Other combination of above
2650	35.4	99	Unknown/No record

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

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

29Aug00	Prcnt	Code	Value and Description
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5	0.1	0	No door/gate/hatch
3514	46.9	1	Door/gate/hatch remained closed and operational
98	1.3	2	Door/gate/hatch came open during collision
1205	16.1	3	Door/gate/hatch jammed shut
8	0.1	8	Other
2660	35.5	9	Unknown/No record

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

Door, tailgate or hatch opening - Right front

29Aug00	Prcnt	Code	Value and Description
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4	0.1	0	No door/gate/hatch
3685	49.2	1	Door/gate/hatch remained closed and operational
77	1.0	2	Door/gate/hatch came open during collision
1061	14.2	3	Door/gate/hatch jammed shut
4	0.1	8	Other

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

29Aug00 Prcnt Code Value and Description

2659 35.5 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

29Aug00 Prcnt Code Value and Description

2181	29.1	0	No door/gate/hatch
2140	28.6	1	Door/gate/hatch remained closed and operational
17	0.2	2	Door/gate/hatch came open during collision
538	7.2	3	Door/gate/hatch jammed shut
1	0.0	8	Other
2613	34.9	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

29Aug00 Prcnt Code Value and Description

1894	25.3	0	No door/gate/hatch
2416	32.3	1	Door/gate/hatch remained closed and operational
27	0.4	2	Door/gate/hatch came open during collision
526	7.0	3	Door/gate/hatch jammed shut
6	0.1	8	Other
2621	35.0	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

29Aug00 Prcnt Code Value and Description

3496	46.7	0	No door/gate/hatch
1223	16.3	1	Door/gate/hatch remained closed and operational
63	0.8	2	Door/gate/hatch came open during collision
123	1.6	3	Door/gate/hatch jammed shut
3	0.0	8	Other
2582	34.5	9	Unknown/No record

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

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

29Aug00	Prcnt	Code	Value and Description
4856	64.8	0	No door/gate/hatch or door not opened
			Door, tailgate, or hatch came open during collision
1	0.0	1	Door operational (no damage)
46	0.6	2	Latch/striker failure due to damage
9	0.1	3	Hinge failure due to damage
21	0.3	4	Door structure failure due to damage
12	0.2	5	Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
4	0.1	6	Latch/striker and hinge failure due to damage
0	0.0	8	Other failure
2541	33.9	9	Unknown/No record

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

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

29Aug00	Prcnt	Code	Value and Description
4877	65.1	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)
41	0.5	2	Latch/striker failure due to damage
5	0.1	3	Hinge failure due to damage
16	0.2	4	Door structure failure due to damage
9	0.1	5	Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
3	0.0	6	Latch/striker and hinge failure due to damage
2	0.0	8	Other failure
2537	33.9	9	Unknown/No record

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

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

29Aug00	Prcnt	Code	Value and Description
4937	65.9	0	No door/gate/hatch or door not opened

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

29Aug00	Prcnt	Code	Value and Description
			Door, tailgate, or hatch came open during collision
1	0.0	1	Door operational (no damage)
8	0.1	2	Latch/striker failure due to damage
2	0.0	3	Hinge failure due to damage
5	0.1	4	Door structure failure due to damage
0	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
2537	33.9	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

29Aug00	Prcnt	Code	Value and Description
4927	65.8	0	No door/gate/hatch or door not opened
			Door, tailgate, or hatch came open during collision
1	0.0	1	Door operational (no damage)
15	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
4	0.1	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
0	0.0	8	Other failure
2536	33.9	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 - TG/H

29Aug00	Prcnt	Code	Value and Description
4891	65.3	0	No door/gate/hatch or door not opened
			Door, tailgate, or hatch came open during collision
1	0.0	1	Door operational (no damage)
28	0.4	2	Latch/striker failure due to damage
3	0.0	3	Hinge failure due to damage
21	0.3	4	Door structure failure due to damage

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

29Aug00	Prcnt	Code	Value and Description
2	0.0	5	Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
4	0.1	6	Latch/striker and hinge failure due to damage
2	0.0	8	Other failure
2538	33.9	9	Unknown/No record

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

Glazing damage from impact forces - Windshield

29Aug00	Prcnt	Code	Value and Description
0	0.0	0	No glazing
2074	27.7	1	No glazing damage from impact forces
2247	30.0	2	Glazing in place and cracked from impact forces
297	4.0	3	Glazing in place and holed from impact forces
103	1.4	4	Glazing out-of-place (cracked or not) and not holed from impact forces
59	0.8	5	Glazing out-of-place and holed from impact forces
0	0.0	6	Glazing disintegrated from impact forces
0	0.0	7	Glazing removed prior to accident
2710	36.2	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

29Aug00	Prcnt	Code	Value and Description
2	0.0	0	No glazing
3749	50.1	1	No glazing damage from impact forces
7	0.1	2	Glazing in place and cracked from impact forces
0	0.0	3	Glazing in place and holed from impact forces
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
1041	13.9	6	Glazing disintegrated from impact forces
4	0.1	7	Glazing removed prior to accident
2684	35.8	9	Unknown if damaged/No record

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

Glazing damage from impact forces - Right front window

29Aug00	Prcnt	Code	Value and Description
2	0.0	0	No glazing
3960	52.9	1	No glazing damage from impact forces
4	0.1	2	Glazing in place and cracked from impact forces
0	0.0	3	Glazing in place and holed from impact forces
3	0.0	4	Glazing out-of-place (cracked or not) and not holed from impact forces
0	0.0	5	Glazing out-of-place and holed from impact forces
848	11.3	6	Glazing disintegrated from impact forces
3	0.0	7	Glazing removed prior to accident
2670	35.6	9	Unknown if damaged/No record

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

Glazing damage from impact forces - Left rear window

29Aug00	Prcnt	Code	Value and Description
580	7.7	0	No glazing
3696	49.3	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
2	0.0	4	Glazing out-of-place (cracked or not) and not holed from impact forces
0	0.0	5	Glazing out-of-place and holed from impact forces
537	7.2	6	Glazing disintegrated from impact forces
3	0.0	7	Glazing removed prior to accident
2666	35.6	9	Unknown if damaged/No record

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

Glazing damage from impact forces - Right rear window

29Aug00	Prcnt	Code	Value and Description
567	7.6	0	No glazing
3785	50.5	1	No glazing damage from impact forces
3	0.0	2	Glazing in place and cracked from impact forces
0	0.0	3	Glazing in place and holed from impact forces
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
465	6.2	6	Glazing disintegrated from impact forces
3	0.0	7	Glazing removed prior to accident

Variable 621:IMPACT GLAZING DAM - RR (Continued)

29Aug00 Prcnt Code Value and Description

2664 35.6 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

29Aug00 Prcnt Code Value and Description

13	0.2	0	No glazing
4113	54.9	1	No glazing damage from impact forces
10	0.1	2	Glazing in place and cracked from impact forces
1	0.0	3	Glazing in place and holed from impact forces
14	0.2	4	Glazing out-of-place (cracked or not) and not holed from impact forces
2	0.0	5	Glazing out-of-place and holed from impact forces
645	8.6	6	Glazing disintegrated from impact forces
6	0.1	7	Glazing removed prior to accident
2686	35.9	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

29Aug00 Prcnt Code Value and Description

4272	57.0	0	No glazing
522	7.0	1	No glazing damage from impact forces
11	0.1	2	Glazing in place and cracked from impact forces
1	0.0	3	Glazing in place and holed from impact forces
4	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
87	1.2	6	Glazing disintegrated from impact forces
2	0.0	7	Glazing removed prior to accident
2591	34.6	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

29Aug00 Prcnt Code Value and Description

3987 53.2 0 No glazing

Variable 624:IMPACT GLAZING DAM - OTH (Continued)

29Aug00 Prcnt Code Value and Description

775	10.3	1	No glazing damage from impact forces
3	0.0	2	Glazing in place and cracked from impact forces
0	0.0	3	Glazing in place and holed from impact forces
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
144	1.9	6	Glazing disintegrated from impact forces
1	0.0	7	Glazing removed prior to accident
2580	34.4	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

29Aug00 Prcnt Code Value and Description

0	0.0	0	No glazing
3848	51.4	1	No occupant contact to glazing
127	1.7	2	Glazing contacted by occupant but no glazing damage
629	8.4	3	Glazing in place and cracked by occupant contact
47	0.6	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
3	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
2834	37.8	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

29Aug00 Prcnt Code Value and Description

2	0.0	0	No glazing
4655	62.1	1	No occupant contact to glazing
86	1.1	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
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	0.1	7	Glazing removed prior to accident
39	0.5	8	Glazing disintegrated by occupant contact

Variable 626:CONTACT GLAZING DAM - LF (Continued)

29Aug00 Prcnt Code Value and Description

2702 36.1 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

29Aug00 Prcnt Code Value and Description

2	0.0	0	No glazing
4752	63.4	1	No occupant contact to glazing
35	0.5	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
3	0.0	7	Glazing removed prior to accident
15	0.2	8	Glazing disintegrated by occupant contact
2683	35.8	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

29Aug00 Prcnt Code Value and Description

580	7.7	0	No glazing
4227	56.4	1	No occupant contact to glazing
18	0.2	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
3	0.0	7	Glazing removed prior to accident
3	0.0	8	Glazing disintegrated by occupant contact
2659	35.5	9	Unknown if contacted by occupant

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

Glazing damage from occupant contact - Right rear window

29Aug00	Prcnt	Code	Value and Description
567	7.6	0	No glazing
4235	56.5	1	No occupant contact to glazing
20	0.3	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
8	0.1	8	Glazing disintegrated by occupant contact
2656	35.5	9	Unknown if contacted by occupant

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

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

29Aug00	Prcnt	Code	Value and Description
13	0.2	0	No glazing
4759	63.5	1	No occupant contact to glazing
21	0.3	2	Glazing contacted by occupant but no glazing damage
3	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
6	0.1	7	Glazing removed prior to accident
17	0.2	8	Glazing disintegrated by occupant contact
2671	35.7	9	Unknown if contacted by occupant

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

Glazing damage from occupant damage - Roof

29Aug00	Prcnt	Code	Value and Description
4272	57.0	0	No glazing
620	8.3	1	No occupant contact to glazing
4	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

Variable 631:CONTACT GLAZING DAM - RO (Continued)

29Aug00 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
0	0.0	8	Glazing disintegrated by occupant contact
2592	34.6	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

29Aug00 Prcnt Code Value and Description

3987	53.2	0	No glazing
923	12.3	1	No occupant contact to glazing
2	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
1	0.0	7	Glazing removed prior to accident
1	0.0	8	Glazing disintegrated by occupant contact
2576	34.4	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

29Aug00 Prcnt Code Value and Description

0	0.0	0	No glazing contact
4927	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
0	0.0	7	Glazing removed prior to accident
0	0.0	8	Other
2563	34.2	9	Unknown

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

Type of window/windshield glazing - Left front window

29Aug00	Prcnt	Code	Value and Description
2	0.0	0	No glazing contact
0	0.0	1	AS-1 - Laminated
4359	58.2	2	AS-2 - Tempered
109	1.5	3	AS-3 - Tempered-tinted (original)
404	5.4	4	AS-2 - Tempered-tinted after market tint
15	0.2	5	AS-3 - Tempered-tinted (with additional after market tint)
0	0.0	6	AS-14 - Glass/plastic
4	0.1	7	Glazing removed prior to accident
8	0.1	8	Other
2589	34.6	9	Unknown

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

Type of window/windshield glazing - Right front window

29Aug00	Prcnt	Code	Value and Description
2	0.0	0	No glazing contact
1	0.0	1	AS-1 - Laminated
4353	58.1	2	AS-2 - Tempered
110	1.5	3	AS-3 - Tempered-tinted (original)
411	5.5	4	AS-2 - Tempered-tinted after market tint
15	0.2	5	AS-3 - Tempered-tinted (with additional after market tint)
0	0.0	6	AS-14 - Glass/plastic
3	0.0	7	Glazing removed prior to accident
9	0.1	8	Other
2586	34.5	9	Unknown

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

Type of window/windshield glazing - Left rear window

29Aug00	Prcnt	Code	Value and Description
580	7.7	0	No glazing contact
1	0.0	1	AS-1 - Laminated
3234	43.2	2	AS-2 - Tempered
628	8.4	3	AS-3 - Tempered-tinted (original)
409	5.5	4	AS-2 - Tempered-tinted after market tint
29	0.4	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
28	0.4	8	Other

Variable 636:TYPE OF GLAZING - LR (Continued)

29Aug00 Prcnt Code Value and Description

2577 34.4 9 Unknown

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

Type of window/windshield glazing - Right rear window

29Aug00 Prcnt Code Value and Description

567	7.6	0	No glazing contact
0	0.0	1	AS-1 - Laminated
3255	43.5	2	AS-2 - Tempered
623	8.3	3	AS-3 - Tempered-tinted (original)
408	5.4	4	AS-2 - Tempered-tinted after market tint
31	0.4	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
29	0.4	8	Other
2573	34.4	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

29Aug00 Prcnt Code Value and Description

13	0.2	0	No glazing contact
0	0.0	1	AS-1 - Laminated
3685	49.2	2	AS-2 - Tempered
644	8.6	3	AS-3 - Tempered-tinted (original)
455	6.1	4	AS-2 - Tempered-tinted after market tint
35	0.5	5	AS-3 - Tempered-tinted (with additional after market tint)
0	0.0	6	AS-14 - Glass/plastic
6	0.1	7	Glazing removed prior to accident
55	0.7	8	Other
2597	34.7	9	Unknown

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

Type of window/windshield glazing - Roof

29Aug00 Prcnt Code Value and Description

4272 57.0 0 No glazing contact

Variable 639:TYPE OF GLAZING - RO (Continued)

29Aug00	Prcnt	Code	Value and Description
0	0.0	1	AS-1 - Laminated
93	1.2	2	AS-2 - Tempered
477	6.4	3	AS-3 - Tempered-tinted (original)
24	0.3	4	AS-2 - Tempered-tinted after market tint
14	0.2	5	AS-3 - Tempered-tinted (with additional after market tint)
0	0.0	6	AS-14 - Glass/plastic
2	0.0	7	Glazing removed prior to accident
15	0.2	8	Other
2593	34.6	9	Unknown

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

Type of window/windshield glazing - Other

29Aug00	Prcnt	Code	Value and Description
3987	53.2	0	No glazing contact
0	0.0	1	AS-1 - Laminated
666	8.9	2	AS-2 - Tempered
202	2.7	3	AS-3 - Tempered-tinted (original)
56	0.7	4	AS-2 - Tempered-tinted after market tint
13	0.2	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
2	0.0	8	Other
2563	34.2	9	Unknown

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

Window pre-crash status - Windshield

29Aug00	Prcnt	Code	Value and Description
0	0.0	0	No glazing
4945	66.0	1	Fixed
0	0.0	2	Closed
0	0.0	3	Partially opened
0	0.0	4	Fully opened
0	0.0	7	Glazing removed prior to accident
2545	34.0	9	Unknown

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

Window pre-crash status - Left front window

29Aug00	Prcnt	Code	Value and Description
2	0.0	0	No glazing
1	0.0	1	Fixed
3992	53.3	2	Closed
371	5.0	3	Partially opened
464	6.2	4	Fully opened
4	0.1	7	Glazing removed prior to accident
2656	35.5	9	Unknown

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

Window pre-crash status - Right front window

29Aug00	Prcnt	Code	Value and Description
2	0.0	0	No glazing
1	0.0	1	Fixed
4355	58.1	2	Closed
223	3.0	3	Partially opened
268	3.6	4	Fully opened
3	0.0	7	Glazing removed prior to accident
2638	35.2	9	Unknown

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

Window pre-crash status - Left rear window

29Aug00	Prcnt	Code	Value and Description
580	7.7	0	No glazing
1129	15.1	1	Fixed
3049	40.7	2	Closed
110	1.5	3	Partially opened
24	0.3	4	Fully opened
3	0.0	7	Glazing removed prior to accident
2595	34.6	9	Unknown

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

Window pre-crash status - Right rear window

29Aug00	Prcnt	Code	Value and Description
567	7.6	0	No glazing
1132	15.1	1	Fixed
3084	41.2	2	Closed
86	1.1	3	Partially opened
16	0.2	4	Fully opened
3	0.0	7	Glazing removed prior to accident
2602	34.7	9	Unknown

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

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

29Aug00	Prcnt	Code	Value and Description
13	0.2	0	No glazing
4373	58.4	1	Fixed
490	6.5	2	Closed
30	0.4	3	Partially opened
9	0.1	4	Fully opened
6	0.1	7	Glazing removed prior to accident
2569	34.3	9	Unknown

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

Window pre-crash status - Roof

29Aug00	Prcnt	Code	Value and Description
4272	57.0	0	No glazing
91	1.2	1	Fixed
477	6.4	2	Closed
30	0.4	3	Partially opened
23	0.3	4	Fully opened
2	0.0	7	Glazing removed prior to accident
2595	34.6	9	Unknown

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

Window pre-crash status - Other

29Aug00	Prcnt	Code	Value and Description
3987	53.2	0	No glazing
701	9.4	1	Fixed
210	2.8	2	Closed
17	0.2	3	Partially opened
6	0.1	4	Fully opened
1	0.0	7	Glazing removed prior to accident
2568	34.3	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

29Aug00 Prcnt Code Value and Description

2536	33.9	0	Filler - No damage record for this vehicle.
4954	66.1	8	Interior Damage "B" record

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

29Aug00 Prcnt Code Value and Description

7490	100.0	12	Version 12
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Variable 705	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

29Aug00 Prcnt Code Value and Description

4274	57.1	1	Vehicle #1
2763	36.9	2	Vehicle #2
357	4.8	3	Vehicle #3
74	1.0	4	Vehicle #4
15	0.2	5	Vehicle #5
3	0.0	6	Vehicle #6
2	0.0	7	Vehicle #7
2	0.0	8	Vehicle #8

NASS Crashworthiness Data System (CDS)
1999 - Interior Damage B

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

29Aug00 Prcnt Code Value and Description

923	12.3	11	Front row - left
106	1.4	12	Front row - middle
682	9.1	13	Front row - right
240	3.2	21	Second row - left
42	0.6	22	Second row - middle
152	2.0	23	Second row - right
9	0.1	31	Third row - left
4	0.1	32	Third row - middle
8	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
2720	36.3	96	No Intrusion
8	0.1	97	Catastrophic
30	0.4	98	Other enclosed area
2566	34.3	99	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

Interior components			
28	0.4	1	Steering assembly
62	0.8	2	Instrument panel left
13	0.2	3	Instrument panel center
52	0.7	4	Instrument panel right
451	6.0	5	Toe pan
103	1.4	6	A-pillar (A1/A2)
135	1.8	7	B-pillar
23	0.3	8	C-pillar
3	0.0	9	D-pillar
79	1.1	10	Side panel - forward of A-pillar (A1/A2)
367	4.9	11	Door panel (side)
53	0.7	12	Side panel - rear of B-pillar
176	2.3	13	Roof (or convertible top)
71	0.9	14	Roof side rail
87	1.2	15	Windshield
64	0.9	16	Windshield header
7	0.1	17	Window frame
139	1.9	18	Floor pan (includes sill)
17	0.2	19	Backlight header
89	1.2	20	Front seat back
71	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
13	0.2	25	Seat cushion
26	0.3	26	Back door/panel (e.g. tailgate)

Variable 707:INTRUDING COMPONENT (1) (Continued)

29Aug00 Prcnt Code Value and Description

29	0.4	27	Other interior component
			Exterior components
5	0.1	30	Hood
3	0.0	31	Outside surface of this vehicle
23	0.3	32	Other exterior object in the environment
1	0.0	33	Unknown exterior object
2720	36.3	96	No Intrusion
8	0.1	97	Catastrophic
6	0.1	98	Intrusion of unlisted component(s)
2566	34.3	99	Unknown/No record

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

Magnitude of intrusion (1)

29Aug00 Prcnt Code Value and Description

376	5.0	1	> or = 3 centimeters but < 8 centimeters
456	6.1	2	> or = 8 centimeters but < 15 centimeters
659	8.8	3	> or = 15 centimeters but < 30 centimeters
400	5.3	4	> or = 30 centimeters but < 46 centimeters
169	2.3	5	> or = 46 centimeters but < 61 centimeters
136	1.8	6	> or = 61 centimeters
8	0.1	7	Catastrophic
2720	36.3	8	No Intrusion
2566	34.3	9	Unknown/No record

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

Dominant crush direction (1)

29Aug00 Prcnt Code Value and Description

446	6.0	1	Vertical
909	12.1	2	Longitudinal
841	11.2	3	Lateral
8	0.1	7	Catastrophic
2720	36.3	8	No Intrusion
2566	34.3	9	Unknown/No record

NASS Crashworthiness Data System (CDS)
1999 - Interior Damage B

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

29Aug00 Prcnt Code Value and Description

677	9.0	11	Front row - left
171	2.3	12	Front row - middle
533	7.1	13	Front row - right
190	2.5	21	Second row - left
64	0.9	22	Second row - middle
134	1.8	23	Second row - right
8	0.1	31	Third row - left
4	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
3142	41.9	96	No Intrusion
0	0.0	97	Catastrophic
15	0.2	98	Other enclosed area
2543	34.0	99	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

Interior components			
15	0.2	1	Steering assembly
84	1.1	2	Instrument panel left
32	0.4	3	Instrument panel center
54	0.7	4	Instrument panel right
169	2.3	5	Toe pan
95	1.3	6	A-pillar (A1/A2)
146	1.9	7	B-pillar
25	0.3	8	C-pillar
4	0.1	9	D-pillar
74	1.0	10	Side panel - forward of A-pillar (A1/A2)
232	3.1	11	Door panel (side)
39	0.5	12	Side panel - rear of B-pillar
152	2.0	13	Roof (or convertible top)
78	1.0	14	Roof side rail
102	1.4	15	Windshield
80	1.1	16	Windshield header
11	0.1	17	Window frame
162	2.2	18	Floor pan (includes sill)
16	0.2	19	Backlight header
63	0.8	20	Front seat back
71	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
10	0.1	26	Back door/panel (e.g. tailgate)

Variable 711:INTRUDING COMPONENT (2) (Continued)

29Aug00 Prcnt Code Value and Description

28	0.4	27	Other interior component
			Exterior components
8	0.1	30	Hood
3	0.0	31	Outside surface of this vehicle
9	0.1	32	Other exterior object in the environment
1	0.0	33	Unknown exterior object
3142	41.9	96	No Intrusion
0	0.0	97	Catastrophic
5	0.1	98	Intrusion of unlisted component(s)
2543	34.0	99	Unknown/No record

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

Magnitude of intrusion (2)

29Aug00 Prcnt Code Value and Description

367	4.9	1	> or = 3 centimeters but < 8 centimeters
395	5.3	2	> or = 8 centimeters but < 15 centimeters
576	7.7	3	> or = 15 centimeters but < 30 centimeters
286	3.8	4	> or = 30 centimeters but < 46 centimeters
110	1.5	5	> or = 46 centimeters but < 61 centimeters
71	0.9	6	> or = 61 centimeters
0	0.0	7	Catastrophic
3142	41.9	8	No Intrusion
2543	34.0	9	Unknown/No record

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

Dominant crush direction (2)

29Aug00 Prcnt Code Value and Description

446	6.0	1	Vertical
609	8.1	2	Longitudinal
750	10.0	3	Lateral
0	0.0	7	Catastrophic
3142	41.9	8	No Intrusion
2543	34.0	9	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

579	7.7	11	Front row - left
135	1.8	12	Front row - middle
467	6.2	13	Front row - right
176	2.3	21	Second row - left
39	0.5	22	Second row - middle
135	1.8	23	Second row - right
4	0.1	31	Third row - left
2	0.0	32	Third row - middle
11	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
3395	45.3	96	No Intrusion
0	0.0	97	Catastrophic
6	0.1	98	Other enclosed area
2541	33.9	99	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

Interior components			
26	0.3	1	Steering assembly
66	0.9	2	Instrument panel left
48	0.6	3	Instrument panel center
51	0.7	4	Instrument panel right
106	1.4	5	Toe pan
87	1.2	6	A-pillar (A1/A2)
115	1.5	7	B-pillar
24	0.3	8	C-pillar
2	0.0	9	D-pillar
42	0.6	10	Side panel - forward of A-pillar (A1/A2)
198	2.6	11	Door panel (side)
26	0.3	12	Side panel - rear of B-pillar
134	1.8	13	Roof (or convertible top)
101	1.3	14	Roof side rail
74	1.0	15	Windshield
83	1.1	16	Windshield header
12	0.2	17	Window frame
120	1.6	18	Floor pan (includes sill)
12	0.2	19	Backlight header
71	0.9	20	Front seat back
69	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
41	0.5	25	Seat cushion
8	0.1	26	Back door/panel (e.g. tailgate)

Variable 715:INTRUDING COMPONENT (3) (Continued)

29Aug00	Prcnt	Code	Value and Description
20	0.3	27	Other interior component
			Exterior components
5	0.1	30	Hood
3	0.0	31	Outside surface of this vehicle
5	0.1	32	Other exterior object in the environment
1	0.0	33	Unknown exterior object
3395	45.3	96	No Intrusion
0	0.0	97	Catastrophic
4	0.1	98	Intrusion of unlisted component(s)
2541	33.9	99	Unknown/No record

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

Magnitude of intrusion (3)

29Aug00	Prcnt	Code	Value and Description
354	4.7	1	> or = 3 centimeters but < 8 centimeters
389	5.2	2	> or = 8 centimeters but < 15 centimeters
469	6.3	3	> or = 15 centimeters but < 30 centimeters
228	3.0	4	> or = 30 centimeters but < 46 centimeters
67	0.9	5	> or = 46 centimeters but < 61 centimeters
47	0.6	6	> or = 61 centimeters
0	0.0	7	Catastrophic
3395	45.3	8	No Intrusion
2541	33.9	9	Unknown/No record

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

Dominant crush direction (3)

29Aug00	Prcnt	Code	Value and Description
398	5.3	1	Vertical
512	6.8	2	Longitudinal
644	8.6	3	Lateral
0	0.0	7	Catastrophic
3395	45.3	8	No Intrusion
2541	33.9	9	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

491	6.6	11	Front row - left
145	1.9	12	Front row - middle
343	4.6	13	Front row - right
138	1.8	21	Second row - left
31	0.4	22	Second row - middle
129	1.7	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
0	0.0	43	Fourth row - right
3656	48.8	96	No Intrusion
0	0.0	97	Catastrophic
6	0.1	98	Other enclosed area
2540	33.9	99	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

Interior components			
27	0.4	1	Steering assembly
57	0.8	2	Instrument panel left
43	0.6	3	Instrument panel center
45	0.6	4	Instrument panel right
76	1.0	5	Toe pan
105	1.4	6	A-pillar (A1/A2)
79	1.1	7	B-pillar
29	0.4	8	C-pillar
2	0.0	9	D-pillar
41	0.5	10	Side panel - forward of A-pillar (A1/A2)
105	1.4	11	Door panel (side)
19	0.3	12	Side panel - rear of B-pillar
124	1.7	13	Roof (or convertible top)
112	1.5	14	Roof side rail
67	0.9	15	Windshield
70	0.9	16	Windshield header
14	0.2	17	Window frame
105	1.4	18	Floor pan (includes sill)
13	0.2	19	Backlight header
48	0.6	20	Front seat back
34	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
50	0.7	25	Seat cushion
3	0.0	26	Back door/panel (e.g. tailgate)

Variable 719:INTRUDING COMPONENT (4) (Continued)

29Aug00 Prcnt Code Value and Description

18	0.2	27	Other interior component
			Exterior components
5	0.1	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
3656	48.8	96	No Intrusion
0	0.0	97	Catastrophic
2	0.0	98	Intrusion of unlisted component(s)
2540	33.9	99	Unknown/No record

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

Magnitude of intrusion (4)

29Aug00 Prcnt Code Value and Description

308	4.1	1	> or = 3 centimeters but < 8 centimeters
353	4.7	2	> or = 8 centimeters but < 15 centimeters
422	5.6	3	> or = 15 centimeters but < 30 centimeters
134	1.8	4	> or = 30 centimeters but < 46 centimeters
52	0.7	5	> or = 46 centimeters but < 61 centimeters
25	0.3	6	> or = 61 centimeters
0	0.0	7	Catastrophic
3656	48.8	8	No Intrusion
2540	33.9	9	Unknown/No record

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

Dominant crush direction (4)

29Aug00 Prcnt Code Value and Description

360	4.8	1	Vertical
379	5.1	2	Longitudinal
555	7.4	3	Lateral
0	0.0	7	Catastrophic
3656	48.8	8	No Intrusion
2540	33.9	9	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

384	5.1	11	Front row - left
138	1.8	12	Front row - middle
291	3.9	13	Front row - right
140	1.9	21	Second row - left
27	0.4	22	Second row - middle
91	1.2	23	Second row - right
4	0.1	31	Third row - left
0	0.0	32	Third row - middle
6	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
3865	51.6	96	No Intrusion
0	0.0	97	Catastrophic
4	0.1	98	Other enclosed area
2540	33.9	99	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

Interior components			
25	0.3	1	Steering assembly
27	0.4	2	Instrument panel left
38	0.5	3	Instrument panel center
28	0.4	4	Instrument panel right
54	0.7	5	Toe pan
72	1.0	6	A-pillar (A1/A2)
75	1.0	7	B-pillar
27	0.4	8	C-pillar
2	0.0	9	D-pillar
21	0.3	10	Side panel - forward of A-pillar (A1/A2)
77	1.0	11	Door panel (side)
15	0.2	12	Side panel - rear of B-pillar
116	1.5	13	Roof (or convertible top)
99	1.3	14	Roof side rail
41	0.5	15	Windshield
82	1.1	16	Windshield header
9	0.1	17	Window frame
99	1.3	18	Floor pan (includes sill)
15	0.2	19	Backlight header
58	0.8	20	Front seat back
33	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
41	0.5	25	Seat cushion
6	0.1	26	Back door/panel (e.g. tailgate)

Variable 723:INTRUDING COMPONENT (5) (Continued)

29Aug00 Prcnt Code Value and Description

15	0.2	27	Other interior component
			Exterior components
1	0.0	30	Hood
3	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
3865	51.6	96	No Intrusion
0	0.0	97	Catastrophic
3	0.0	98	Intrusion of unlisted component(s)
2540	33.9	99	Unknown/No record

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

Magnitude of intrusion (5)

29Aug00 Prcnt Code Value and Description

286	3.8	1	> or = 3 centimeters but < 8 centimeters
315	4.2	2	> or = 8 centimeters but < 15 centimeters
326	4.4	3	> or = 15 centimeters but < 30 centimeters
101	1.3	4	> or = 30 centimeters but < 46 centimeters
34	0.5	5	> or = 46 centimeters but < 61 centimeters
23	0.3	6	> or = 61 centimeters
0	0.0	7	Catastrophic
3865	51.6	8	No Intrusion
2540	33.9	9	Unknown/No record

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

Dominant crush direction (5)

29Aug00 Prcnt Code Value and Description

326	4.4	1	Vertical
297	4.0	2	Longitudinal
462	6.2	3	Lateral
0	0.0	7	Catastrophic
3865	51.6	8	No Intrusion
2540	33.9	9	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

316	4.2	11	Front row - left
117	1.6	12	Front row - middle
225	3.0	13	Front row - right
95	1.3	21	Second row - left
20	0.3	22	Second row - middle
110	1.5	23	Second row - right
3	0.0	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
4050	54.1	96	No Intrusion
0	0.0	97	Catastrophic
3	0.0	98	Other enclosed area
2547	34.0	99	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

Interior components			
16	0.2	1	Steering assembly
33	0.4	2	Instrument panel left
31	0.4	3	Instrument panel center
22	0.3	4	Instrument panel right
35	0.5	5	Toe pan
54	0.7	6	A-pillar (A1/A2)
51	0.7	7	B-pillar
20	0.3	8	C-pillar
2	0.0	9	D-pillar
16	0.2	10	Side panel - forward of A-pillar (A1/A2)
57	0.8	11	Door panel (side)
14	0.2	12	Side panel - rear of B-pillar
93	1.2	13	Roof (or convertible top)
105	1.4	14	Roof side rail
43	0.6	15	Windshield
81	1.1	16	Windshield header
7	0.1	17	Window frame
73	1.0	18	Floor pan (includes sill)
10	0.1	19	Backlight header
43	0.6	20	Front seat back
22	0.3	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
41	0.5	25	Seat cushion
3	0.0	26	Back door/panel (e.g. tailgate)

Variable 727:INTRUDING COMPONENT (6) (Continued)

29Aug00	Prcnt	Code	Value and Description
10	0.1	27	Other interior component
			Exterior components
4	0.1	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
4050	54.1	96	No Intrusion
0	0.0	97	Catastrophic
4	0.1	98	Intrusion of unlisted component(s)
2547	34.0	99	Unknown/No record

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

Magnitude of intrusion (6)

29Aug00	Prcnt	Code	Value and Description
263	3.5	1	> or = 3 centimeters but < 8 centimeters
247	3.3	2	> or = 8 centimeters but < 15 centimeters
270	3.6	3	> or = 15 centimeters but < 30 centimeters
70	0.9	4	> or = 30 centimeters but < 46 centimeters
28	0.4	5	> or = 46 centimeters but < 61 centimeters
15	0.2	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4050	54.1	8	No Intrusion
2547	34.0	9	Unknown/No record

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

Dominant crush direction (6)

29Aug00	Prcnt	Code	Value and Description
283	3.8	1	Vertical
233	3.1	2	Longitudinal
377	5.0	3	Lateral
0	0.0	7	Catastrophic
4050	54.1	8	No Intrusion
2547	34.0	9	Unknown/No record

NASS Crashworthiness Data System (CDS)
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Variable 730	INTRUSION LOCATION (7)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

29Aug00 Prcnt Code Value and Description

249	3.3	11	Front row - left
102	1.4	12	Front row - middle
190	2.5	13	Front row - right
86	1.1	21	Second row - left
25	0.3	22	Second row - middle
82	1.1	23	Second row - right
1	0.0	31	Third row - left
1	0.0	32	Third row - middle
2	0.0	33	Third row - right
0	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
4207	56.2	96	No Intrusion
0	0.0	97	Catastrophic
3	0.0	98	Other enclosed area
2542	33.9	99	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

Interior components			
14	0.2	1	Steering assembly
33	0.4	2	Instrument panel left
27	0.4	3	Instrument panel center
21	0.3	4	Instrument panel right
24	0.3	5	Toe pan
50	0.7	6	A-pillar (A1/A2)
30	0.4	7	B-pillar
18	0.2	8	C-pillar
1	0.0	9	D-pillar
17	0.2	10	Side panel - forward of A-pillar (A1/A2)
36	0.5	11	Door panel (side)
11	0.1	12	Side panel - rear of B-pillar
79	1.1	13	Roof (or convertible top)
74	1.0	14	Roof side rail
41	0.5	15	Windshield
62	0.8	16	Windshield header
10	0.1	17	Window frame
52	0.7	18	Floor pan (includes sill)
20	0.3	19	Backlight header
45	0.6	20	Front seat back
26	0.3	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
30	0.4	25	Seat cushion
3	0.0	26	Back door/panel (e.g. tailgate)

Variable 731:INTRUDING COMPONENT (7) (Continued)

29Aug00 Prcnt Code Value and Description

13	0.2	27	Other interior component
			Exterior components
1	0.0	30	Hood
0	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
4207	56.2	96	No Intrusion
0	0.0	97	Catastrophic
0	0.0	98	Intrusion of unlisted component(s)
2542	33.9	99	Unknown/No record

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

Magnitude of intrusion (7)

29Aug00 Prcnt Code Value and Description

234	3.1	1	> or = 3 centimeters but < 8 centimeters
219	2.9	2	> or = 8 centimeters but < 15 centimeters
205	2.7	3	> or = 15 centimeters but < 30 centimeters
53	0.7	4	> or = 30 centimeters but < 46 centimeters
21	0.3	5	> or = 46 centimeters but < 61 centimeters
9	0.1	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4207	56.2	8	No Intrusion
2542	33.9	9	Unknown/No record

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

Dominant crush direction (7)

29Aug00 Prcnt Code Value and Description

255	3.4	1	Vertical
191	2.6	2	Longitudinal
295	3.9	3	Lateral
0	0.0	7	Catastrophic
4207	56.2	8	No Intrusion
2542	33.9	9	Unknown/No record

NASS Crashworthiness Data System (CDS)
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Variable 734	INTRUSION LOCATION (8)	Width: 2	Type: Numeric
		Dec: None	Miss: 99

29Aug00 Prcnt Code Value and Description

195	2.6	11	Front row - left
84	1.1	12	Front row - middle
151	2.0	13	Front row - right
68	0.9	21	Second row - left
25	0.3	22	Second row - middle
66	0.9	23	Second row - right
0	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
4359	58.2	96	No Intrusion
0	0.0	97	Catastrophic
0	0.0	98	Other enclosed area
2540	33.9	99	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

Interior components			
13	0.2	1	Steering assembly
20	0.3	2	Instrument panel left
28	0.4	3	Instrument panel center
19	0.3	4	Instrument panel right
18	0.2	5	Toe pan
34	0.5	6	A-pillar (A1/A2)
25	0.3	7	B-pillar
11	0.1	8	C-pillar
0	0.0	9	D-pillar
12	0.2	10	Side panel - forward of A-pillar (A1/A2)
23	0.3	11	Door panel (side)
5	0.1	12	Side panel - rear of B-pillar
70	0.9	13	Roof (or convertible top)
68	0.9	14	Roof side rail
33	0.4	15	Windshield
42	0.6	16	Windshield header
6	0.1	17	Window frame
55	0.7	18	Floor pan (includes sill)
9	0.1	19	Backlight header
41	0.5	20	Front seat back
12	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
30	0.4	25	Seat cushion
2	0.0	26	Back door/panel (e.g. tailgate)

Variable 735:INTRUDING COMPONENT (8) (Continued)

29Aug00 Prcnt Code Value and Description

7	0.1	27	Other interior component
			Exterior components
3	0.0	30	Hood
0	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
4359	58.2	96	No Intrusion
0	0.0	97	Catastrophic
1	0.0	98	Intrusion of unlisted component(s)
2540	33.9	99	Unknown/No record

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

Magnitude of intrusion (8)

29Aug00 Prcnt Code Value and Description

190	2.5	1	> or = 3 centimeters but < 8 centimeters
193	2.6	2	> or = 8 centimeters but < 15 centimeters
152	2.0	3	> or = 15 centimeters but < 30 centimeters
35	0.5	4	> or = 30 centimeters but < 46 centimeters
16	0.2	5	> or = 46 centimeters but < 61 centimeters
5	0.1	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4359	58.2	8	No Intrusion
2540	33.9	9	Unknown/No record

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

Dominant crush direction (8)

29Aug00 Prcnt Code Value and Description

208	2.8	1	Vertical
144	1.9	2	Longitudinal
239	3.2	3	Lateral
0	0.0	7	Catastrophic
4359	58.2	8	No Intrusion
2540	33.9	9	Unknown/No record

NASS Crashworthiness Data System (CDS)
1999 - Interior Damage B

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

29Aug00 Prcnt Code Value and Description

167	2.2	11	Front row - left
58	0.8	12	Front row - middle
129	1.7	13	Front row - right
55	0.7	21	Second row - left
15	0.2	22	Second row - middle
58	0.8	23	Second row - right
2	0.0	31	Third row - left
1	0.0	32	Third row - middle
0	0.0	33	Third row - right
0	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
4464	59.6	96	No Intrusion
0	0.0	97	Catastrophic
0	0.0	98	Other enclosed area
2541	33.9	99	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

Interior components			
8	0.1	1	Steering assembly
14	0.2	2	Instrument panel left
13	0.2	3	Instrument panel center
12	0.2	4	Instrument panel right
9	0.1	5	Toe pan
35	0.5	6	A-pillar (A1/A2)
22	0.3	7	B-pillar
10	0.1	8	C-pillar
0	0.0	9	D-pillar
12	0.2	10	Side panel - forward of A-pillar (A1/A2)
23	0.3	11	Door panel (side)
6	0.1	12	Side panel - rear of B-pillar
78	1.0	13	Roof (or convertible top)
51	0.7	14	Roof side rail
34	0.5	15	Windshield
42	0.6	16	Windshield header
5	0.1	17	Window frame
32	0.4	18	Floor pan (includes sill)
7	0.1	19	Backlight header
27	0.4	20	Front seat back
16	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
16	0.2	25	Seat cushion
1	0.0	26	Back door/panel (e.g. tailgate)

Variable 739:INTRUDING COMPONENT (9) (Continued)

29Aug00	Prcnt	Code	Value and Description
8	0.1	27	Other interior component
			Exterior components
1	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
4464	59.6	96	No Intrusion
0	0.0	97	Catastrophic
2	0.0	98	Intrusion of unlisted component(s)
2541	33.9	99	Unknown/No record

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

Magnitude of intrusion (9)

29Aug00	Prcnt	Code	Value and Description
184	2.5	1	> or = 3 centimeters but < 8 centimeters
141	1.9	2	> or = 8 centimeters but < 15 centimeters
124	1.7	3	> or = 15 centimeters but < 30 centimeters
25	0.3	4	> or = 30 centimeters but < 46 centimeters
7	0.1	5	> or = 46 centimeters but < 61 centimeters
4	0.1	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4464	59.6	8	No Intrusion
2541	33.9	9	Unknown/No record

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

Dominant crush direction (9)

29Aug00	Prcnt	Code	Value and Description
184	2.5	1	Vertical
119	1.6	2	Longitudinal
182	2.4	3	Lateral
0	0.0	7	Catastrophic
4464	59.6	8	No Intrusion
2541	33.9	9	Unknown/No record

NASS Crashworthiness Data System (CDS)
1999 - Interior Damage B

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

29Aug00 Prcnt Code Value and Description

129	1.7	11	Front row - left
51	0.7	12	Front row - middle
88	1.2	13	Front row - right
61	0.8	21	Second row - left
14	0.2	22	Second row - middle
41	0.5	23	Second row - right
0	0.0	31	Third row - left
0	0.0	32	Third row - middle
0	0.0	33	Third row - right
0	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
4565	60.9	96	No Intrusion
0	0.0	97	Catastrophic
0	0.0	98	Other enclosed area
2541	33.9	99	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

Interior components			
4	0.1	1	Steering assembly
12	0.2	2	Instrument panel left
7	0.1	3	Instrument panel center
6	0.1	4	Instrument panel right
15	0.2	5	Toe pan
30	0.4	6	A-pillar (A1/A2)
15	0.2	7	B-pillar
6	0.1	8	C-pillar
2	0.0	9	D-pillar
2	0.0	10	Side panel - forward of A-pillar (A1/A2)
13	0.2	11	Door panel (side)
2	0.0	12	Side panel - rear of B-pillar
63	0.8	13	Roof (or convertible top)
50	0.7	14	Roof side rail
18	0.2	15	Windshield
38	0.5	16	Windshield header
5	0.1	17	Window frame
31	0.4	18	Floor pan (includes sill)
6	0.1	19	Backlight header
16	0.2	20	Front seat back
11	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
17	0.2	25	Seat cushion
3	0.0	26	Back door/panel (e.g. tailgate)

Variable 743:INTRUDING COMPONENT (10) (Continued)

29Aug00 Prcnt Code Value and Description

7	0.1	27	Other interior component
			Exterior components
1	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
4565	60.9	96	No Intrusion
0	0.0	97	Catastrophic
1	0.0	98	Intrusion of unlisted component(s)
2541	33.9	99	Unknown/No record

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

Magnitude of intrusion (10)

29Aug00 Prcnt Code Value and Description

164	2.2	1	> or = 3 centimeters but < 8 centimeters
109	1.5	2	> or = 8 centimeters but < 15 centimeters
85	1.1	3	> or = 15 centimeters but < 30 centimeters
18	0.2	4	> or = 30 centimeters but < 46 centimeters
4	0.1	5	> or = 46 centimeters but < 61 centimeters
4	0.1	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4565	60.9	8	No Intrusion
2541	33.9	9	Unknown/No record

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

Dominant crush direction (10)

29Aug00 Prcnt Code Value and Description

159	2.1	1	Vertical
83	1.1	2	Longitudinal
142	1.9	3	Lateral
0	0.0	7	Catastrophic
4565	60.9	8	No Intrusion
2541	33.9	9	Unknown/No record

NASS Crashworthiness Data System (CDS)
1999 - Interior Damage B

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

29Aug00	Prcnt		Code	Value and Description
1447	19.3	1		Fixed column
3399	45.4	2		Tilt column
8	0.1	3		Telescoping column
17	0.2	4		Tilt and telescoping column
1	0.0	8		Other column type
2618	35.0	9		Unknown/No record

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

Tilt steering column adjustment

29Aug00	Prcnt		Code	Value and Description
1455	19.4	0		No tilt steering column
1045	14.0	1		Full up
500	6.7	2		Between full up and center
1365	18.2	3		Center
139	1.9	4		Between center and full down
218	2.9	5		Full down
2768	37.0	9		Unknown/No record

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

Telescoping steering column adjustment

29Aug00	Prcnt		Code	Value and Description
4847	64.7	0		No telescoping steering column
4	0.1	1		Full back
3	0.0	2		Between full back and midpoint
6	0.1	3		Midpoint
4	0.1	4		Between midpoint and full forward
7	0.1	5		Full forward
2619	35.0	9		Unknown/No record

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

Steering rim/spoke deformation

29Aug00	Prcnt		Code	Value and Description
4116	55.0	0		No steering rim deformation

Variable 749:RIM/SPOKE DEFORMATION (Continued)

29Aug00 Prcnt Code Value and Description

31	0.4	1	
		-	Actual measured deformation to nearest centimeters
53	0.7	15	15 centimeters or more
12	0.2	98	Observed deformation cannot be measured
2649	35.4	99	Unknown/No record

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

Location of steering rim/spoke deformation

29Aug00 Prcnt Code Value and Description

4116	55.0	0	No steering rim deformation
			Quarter sections
40	0.5	1	Section A
17	0.2	2	Section B
15	0.2	3	Section C
29	0.4	4	Section D
			Half sections
327	4.4	5	Upper half of rim/spoke
98	1.3	6	Lower half of rim/spoke
84	1.1	7	Left half of rim/spoke
47	0.6	8	Right half of rim/spoke
86	1.1	9	Complete steering wheel collapse
1	0.0	10	Undetermined location
2630	35.1	99	Unknown/No record

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

29Aug00 Prcnt Code Value and Description

0	0.0	0	No odometer
18	0.2	1	(less than 1,500 kilometers)
21	0.3	2	
		-	Code mileage to nearest 1,000 kilometers
1	0.0	485	
10	0.1	500	499,500 kilometers or more
3354	44.8	999	Unknown/No record

<u>Variable 752</u>	<u>INSTRUMENT PANEL DAMAGE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Instrument panel damage from occupant contact?

29Aug00 Prcnt Code Value and Description

3429	45.8	0	No
1310	17.5	1	Yes
2751	36.7	9	Unknown/No record

<u>Variable 753</u>	<u>KNEE BOLSTER TYPE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Type of knee bolster covering

29Aug00 Prcnt Code Value and Description

2064	27.6	0	No knee bolster
252	3.4	1	Padded
2537	33.9	2	Rigid plastic
7	0.1	8	Other (specify)
2630	35.1	9	Unknown/No record

<u>Variable 754</u>	<u>KNEE BOLSTERS DEFORMED</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Knee bolsters deformed from occupant contact?

29Aug00 Prcnt Code Value and Description

2064	27.6	0	No knee bolster
2361	31.5	1	No deformation
363	4.8	2	Yes - deformation
2702	36.1	9	Unknown

<u>Variable 755</u>	<u>GLOVE COMPART DOOR OPEN</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Did glove compartment door open during collision(s)?

29Aug00 Prcnt Code Value and Description

237	3.2	0	No glove compartment door
3573	47.7	1	No - door did not open
945	12.6	2	Yes - door opened
2735	36.5	9	Unknown

<u>Variable 756</u>	<u>ADAPTIVE TECHNOLOGY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Adaptive (Assistive) Driving Equipment

29Aug00 Prcnt Code Value and Description

4895	65.4	0	No adaptive driving equipment
17	0.2	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)

2578	34.4	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	Type: Numeric
		Dec: None	Miss: None

Variable 802	CASE NUMBER	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

Variable 803	RECORD NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

29Aug00 Prcnt	Code Value and Description
9770 100.0	9 Occupant assessment record

Variable 804	VERSION NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

29Aug00 Prcnt	Code Value and Description
9770 100.0	12 Version 12

Variable 805	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

29Aug00 Prcnt	Code Value and Description
6081 62.2	1 Vehicle #1
3399 34.8	2 Vehicle #2
237 2.4	3 Vehicle #3
43 0.4	4 Vehicle #4
8 0.1	5 Vehicle #5
2 0.0	7 Vehicle #7

NASS Crashworthiness Data System (CDS)
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Variable 806	OCCUPANT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

29Aug00 Prcnt Code Value and Description

6163	63.1	1	-	Occupant number
1	0.0	26		

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

29Aug00 Prcnt Code Value and Description

51	0.5	0	Up to one year	
72	0.7	1	-	Age in years
1	0.0	96		
1	0.0	97	97 years or older	
187	1.9	99	Unknown	

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

29Aug00 Prcnt Code Value and Description

5343	54.7	1	Male	
4206	43.1	2	Female - not reported pregnant	
29	0.3	3	Female - pregnant - 1st trimester (1st-3rd month)	
25	0.3	4	Female - pregnant - 2nd trimester (4th-6th month)	
32	0.3	5	Female - pregnant - 3rd trimester (7th-9th month)	
17	0.2	6	Female - pregnant - term unknown	
118	1.2	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

29Aug00 Prcnt Code Value and Description

1	0.0	41	-	Height in centimeters
1	0.0	211		
0	0.0	220	219.5 centimeters or more	
1935	19.8	999	Unknown	

<u>Variable 810</u>	<u>WEIGHT</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

Occupant weight to the nearest kilogram

Conversion: 1 pound = .4536 kilograms

29Aug00	Prcnt	Code	Value and Description
7	0.1	4	- Weight in kilograms
1	0.0	148	
17	0.2	150	149.5 kilograms or more
2001	20.5	999	Unknown

<u>Variable 811</u>	<u>ROLE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00	Prcnt	Code	Value and Description
6160	63.1	1	Driver
3610	36.9	2	Passenger
0	0.0	9	Unknown

<u>Variable 812</u>	<u>SEAT POSITION</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

29Aug00	Prcnt	Code	Value and Description
6158	63.0	11	Front seat - left side (driver's side)
55	0.6	12	Front seat - middle
2046	20.9	13	Front seat - right side
13	0.1	14	Front seat - other
14	0.1	15	Front seat - on/in lap of another occupant
481	4.9	21	Second seat - left side
201	2.1	22	Second seat - middle
588	6.0	23	Second seat - right side
22	0.2	24	Second seat - other
6	0.1	25	Second seat - on/in lap of another occupant
28	0.3	31	Third seat - left side
16	0.2	32	Third seat - middle
34	0.3	33	Third seat - right side
1	0.0	34	Third seat - other
0	0.0	35	Third seat - on/in lap of another occupant
2	0.0	41	Fourth seat - left side
1	0.0	42	Fourth seat - middle
1	0.0	43	Fourth seat - right side
0	0.0	44	Fourth seat - other
0	0.0	45	Fourth seat - on/in lap of another occupant
42	0.4	97	In or on unenclosed area
19	0.2	98	Other seat
42	0.4	99	Unknown seating position

NASS Crashworthiness Data System (CDS)
1999 - Occupant Assessment

Variable 813	POSTURE	Width: 1	Type: Numeric
		Dec: None	Miss: 9
29Aug00 Prcnt	Code Value and Description		
5595 57.3	0 Normal posture		
	Abnormal posture		
0 0.0	1 Kneeling or standing on seat		
14 0.1	2 Lying on or across seat		
0 0.0	3 Kneeling, standing or sitting in front of seat		
30 0.3	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		
17 0.2	6 Lying back in a reclined seat position		
34 0.3	7 Bracing with feet or hands on a surface in front seat		
197 2.0	8 Other abnormal posture		
3883 39.7	9 Unknown		

Variable 814	EJECTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9
29Aug00 Prcnt	Code Value and Description		
9268 94.9	0 No ejection		
302 3.1	1 Complete ejection		
155 1.6	2 Partial ejection		
5 0.1	3 Ejection, unknown degree		
40 0.4	9 Unknown		

Variable 815	EJECTION AREA	Width: 1	Type: Numeric
		Dec: None	Miss: 9
29Aug00 Prcnt	Code Value and Description		
9268 94.9	0 No ejection		
38 0.4	1 Windshield		
144 1.5	2 Left front		
87 0.9	3 Right front		
10 0.1	4 Left rear		
19 0.2	5 Right rear		
35 0.4	6 Rear		
25 0.3	7 Roof		
34 0.3	8 Other area (e.g., back of pickup, etc.)		
110 1.1	9 Unknown		

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

29Aug00 Prcnt Code Value and Description

9268	94.9	0	No ejection
50	0.5	1	Door/hatch/tailgate
13	0.1	2	Nonfixed roof structure
76	0.8	3	Fixed glazing
204	2.1	4	Nonfixed glazing
11	0.1	5	Integral structure
35	0.4	8	Other medium
113	1.2	9	Unknown

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

Medium status (immediately prior to impact)

29Aug00 Prcnt Code Value and Description

9268	94.9	0	No ejection
82	0.8	1	Open
278	2.8	2	Closed
11	0.1	3	Integral structure
131	1.3	9	Unknown

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

29Aug00 Prcnt Code Value and Description

8504	87.0	0	Not entrapped/exit not inhibited
269	2.8	1	Entrapped/pinned - mechanically restrained
413	4.2	2	Could not exit vehicle due to jammed doors, fire, etc. (specify)
584	6.0	9	Unknown

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

29Aug00 Prcnt Code Value and Description

161	1.6	0	Occupant fatal before removed from vehicle
456	4.7	1	Removed from vehicle while unconscious or not oriented to time or place
1082	11.1	2	Removed from vehicle due to perceived serious injuries
1092	11.2	3	Exited from vehicle with some assistance
4100	42.0	4	Exited from vehicle under own power
302	3.1	5	Occupant fully ejected

Variable 819:OCCUPANT MOBILITY (Continued)

29Aug00 Prcnt Code Value and Description

23	0.2	8	Removed from vehicle for other reasons
2554	26.1	9	Unknown

Variable 820	MANUAL BELT AVAILABILITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00 Prcnt Code Value and Description

611	6.3	0	Not available
25	0.3	1	Belt removed/destroyed
1	0.0	2	Shoulder belt
1073	11.0	3	Lap belt
7096	72.6	4	Lap and shoulder belt
90	0.9	5	Belt available - type unknown
			Integral Belt Partially destroyed
0	0.0	6	Shoulder belt (lap belt destroyed/removed)
0	0.0	7	Lap belt (shoulder belt destroyed/removed)
0	0.0	8	Other belt
874	8.9	9	Unknown

Variable 821	MANUAL BELT USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

29Aug00 Prcnt Code Value and Description

3154	32.3	0	None used, not available, or belt removed/destroyed
5	0.1	1	Inoperative
3	0.0	2	Shoulder belt
487	5.0	3	Lap belt
4534	46.4	4	Lap and shoulder belt
28	0.3	5	Belt used - type unknown
0	0.0	8	Other belt used
2	0.0	12	Shoulder belt used with child safety seat
72	0.7	13	Lap belt used with child safety seat
128	1.3	14	Lap and shoulder belt used with child safety seat
2	0.0	15	Belt used with child safety seat - type unknown
0	0.0	18	Other belt used with child safety seat
1355	13.9	99	Unknown if belt used

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

29Aug00	Prcnt	Code	Value and Description
3159	32.3	0	None used or not available
4740	48.5	1	Belt used properly
174	1.8	2	Belt used properly with child seat
			Belt used improperly
8	0.1	3	Shoulder belt worn under arm
15	0.2	4	Shoulder belt worn behind back or seat
6	0.1	5	Belt worn around more than one person
39	0.4	6	Lap belt worn on abdomen
8	0.1	7	Lap belt or lap and shoulder belt used improperly with child safety seat
16	0.2	8	Other improper use of manual belt system
1605	16.4	9	Unknown

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

Manual (active) belt failure modes during accident

29Aug00	Prcnt	Code	Value and Description
3159	32.3	0	No manual belt used or not available
4627	47.4	1	No manual belt failure(s)
9	0.1	2	Torn webbing (stretched webbing not included)
2	0.0	3	Broken buckle or latchplate
2	0.0	4	Upper anchorage separated
2	0.0	5	Other anchorage separated
3	0.0	6	Broken retractor
1	0.0	7	Combination of above
1	0.0	8	Other manual belt failure
1964	20.1	9	Unknown

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

Manual shoulder belt upper anchorage adjustment

29Aug00	Prcnt	Code	Value and Description
1709	17.5	0	No manual shoulder belt
4468	45.7	1	No upper anchorage adjustment for manual shoulder belt
			Adjustable shoulder belt upper anchorage
831	8.5	2	In full upright position
377	3.9	3	In mid position
800	8.2	4	In full down position

Variable 824: SHOULDER BELT ANCHOR ADJ (Continued)

29Aug00 Prcnt Code Value and Description

45	0.5	5	Position unknown
1540	15.8	9	Unknown if position has adjustable shoulder belt anchorage

Variable 825	<u>AUTO RESTRAINT AVAILABLE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Automatic (passive) belt system availability / function

29Aug00 Prcnt Code Value and Description

8345	85.4	0	Not equipped/not available
563	5.8	1	2 point automatic belts
470	4.8	2	3 point automatic belts
30	0.3	3	Automatic belts - type unknown
			Non-functional
2	0.0	4	Automatic belts destroyed or rendered inoperative
360	3.7	9	Unknown

Variable 826	<u>AUTO (PASS) SYSTEM USE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Automatic (passive) belt system use

29Aug00 Prcnt Code Value and Description

8347	85.4	0	Not equipped/not available/destroyed or rendered inoperative
773	7.9	1	Automatic belt in use
238	2.4	2	Automatic belt not in use (manually disconnected, motorized track inoperative)
44	0.5	3	Automatic belt use unknown
368	3.8	9	Unknown

Variable 827	<u>AUTO BELT SYSTEM TYPE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Automatic (passive) belt system type

29Aug00 Prcnt Code Value and Description

8345	85.4	0	Not equipped/not available
525	5.4	1	Non-motorized system
510	5.2	2	Motorized system
390	4.0	9	Unknown

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

Proper use of automatic (passive) belt system

29Aug00	Prcnt	Code	Value and Description
8585	87.9	0	Not equipped/not available/not used
729	7.5	1	Automatic belt used properly
0	0.0	2	Automatic belt used properly with child seat
			Automatic Belt used improperly
7	0.1	3	Automatic shoulder belt worn under arm
4	0.0	4	Automatic shoulder belt worn behind back
0	0.0	5	Automatic belt worn around more than one person
5	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
10	0.1	8	Other improper use of automatic belt system
430	4.4	9	Unknown

<u>Variable 829</u>	<u>AUTO BELT FAILURE MODES</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Automatic (passive) belt failure modes during accident

29Aug00	Prcnt	Code	Value and Description
8585	87.9	0	Not equipped/not available/not in use
695	7.1	1	No automatic belt failure(s)
1	0.0	2	Torn webbing (stretched webbing not included)
2	0.0	3	Broken buckle or latchplate
2	0.0	4	Upper anchorage separated
0	0.0	5	Other anchorage separated
1	0.0	6	Broken retractor
1	0.0	7	Combination of above
1	0.0	8	Other automatic belt failure
482	4.9	9	Unknown

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

Police reported restraint use

29Aug00	Prcnt	Code	Value and Description
1954	20.0	0	None used
569	5.8	1	Police did not indicate restraint use
61	0.6	2	Shoulder belt
315	3.2	3	Lap belt
4887	50.0	4	Lap and shoulder belt

Variable 830: PAR RESTRAINT USE (Continued)

29Aug00	Prcnt	Code	Value and Description
1057	10.8	5	Belt used, type not specified
195	2.0	6	Child safety seat
9	0.1	7	Other or automatic restraint
2	0.0	8	Restrained, type unknown
721	7.4	9	Police indicated "unknown"

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

Police reported air bag availability/function

29Aug00	Prcnt	Code	Value and Description
3471	35.5	0	No air bag available
2885	29.5	1	Police did not indicate air bag availability/function
1640	16.8	2	Deployed
1227	12.6	3	Not deployed
20	0.2	4	Unknown if deployed
527	5.4	9	Police indicated "unknown"

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

Air bag system available/function

29Aug00	Prcnt	Code	Value and Description
5446	55.7	0	Not equipped/not available
3918	40.1	1	Air bag
			Non-functional
3	0.0	2	Air bag disconnected
8	0.1	3	Air bag not reinstalled
395	4.0	9	Unknown

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

Air bag system deployment

29Aug00	Prcnt	Code	Value and Description
5457	55.9	0	Not equipped/not available
1933	19.8	1	Air bag deployed during accident (as a result of impact)
0	0.0	2	Air bag deployed inadvertently just prior to accident

Variable 833: AIR BAG DEPLOYMENT (Continued)

29Aug00	Prcnt	Code	Value and Description
137	1.4	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)
88	0.9	5	Unknown if deployed
1758	18.0	7	Nondeployed
395	4.0	9	Unknown

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

Oth than first seat frontal air bag availability/function

29Aug00	Prcnt	Code	Value and Description
9625	98.5	0	Not equipped/not available
95	1.0	1	Air bag
			Non-functional
0	0.0	2	Air bag disconnected (specify)
0	0.0	3	Air bag not reinstalled
50	0.5	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

29Aug00	Prcnt	Code	Value and Description
9625	98.5	0	Not equipped with an "other" air bag
20	0.2	1	Air bag deployed during accident (as a result of impact)
0	0.0	2	Air bag deployed inadvertently just prior to accident
0	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)
3	0.0	5	Unknown if deployed
72	0.7	7	Nondeployed
50	0.5	9	Unknown

<u>Variable 836</u>	<u>AIR BAG SYSTEM FAILURE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Are there indications of Air Bag system failure?

29Aug00	Prcnt	Code	Value and Description
5457	55.9	0	Not equipped/not available
3264	33.4	1	No
60	0.6	2	Yes
989	10.1	9	Unknown

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

Had vehicle been in previous accidents?

29Aug00	Prcnt	Code	Value and Description
5457	55.9	0	Not equipped/not available
2377	24.3	1	No previous accidents
			Yes
145	1.5	2	Previous accident(s) without deployment(s)
13	0.1	3	One previous accident with deployment
1	0.0	4	More than one previous accident with at least one deployment
16	0.2	8	Previous accidents, unknown deployment
1761	18.0	9	Unknown

<u>Variable 838</u>	<u>AIR BAG TYPE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00	Prcnt	Code	Value and Description
5457	55.9	0	Not equipped/not available
3026	31.0	1	Original manufacturer installed system
2	0.0	2	Retrofitted air bag
18	0.2	3	Replacement air bag
872	8.9	8	Unknown type of air bag
395	4.0	9	Unknown

<u>Variable 839</u>	<u>AIR BAG MAINTENANCE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

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

29Aug00	Prcnt	Code	Value and Description
5457	55.9	0	Not equipped/not available
2443	25.0	1	No prior maintenance
40	0.4	2	Yes prior maintenance (specify)
1830	18.7	9	Unknown

<u>Variable 840</u>	<u>AIR BAG EVENT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Air bag deployment accident event sequence number

29Aug00	Prcnt	Code	Value and Description
5457	55.9	0	Not equipped/not available
1646	16.8	1	Event number 1
168	1.7	2	Event number 2
54	0.6	3	Event number 3
7	0.1	4	Event number 4
9	0.1	5	Event number 5
1	0.0	6	Event number 6
2	0.0	8	Event number 8
185	1.9	96	Deployed, unknown event
1758	18.0	97	Not deployed
88	0.9	98	Unknown if deployed
395	4.0	99	Unknown

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

CDC for air bag deployment impact

29Aug00	Prcnt	Code	Value and Description
5457	55.9	0	Not equipped/not available
1826	18.7	1	Highest delta V
60	0.6	2	Second highest delta V
1	0.0	3	Other non-coded delta-V (specify)
185	1.9	6	Deployed, unknown event
1758	18.0	7	Not deployed
88	0.9	8	Unknown if deployed
395	4.0	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 -160kph to +160kph

29Aug00 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?

29Aug00 Prcnt	Code Value and Description
5457 55.9	0 Not equipped/not available
3 0.0	1 No
1808 18.5	2 Yes
261 2.7	3 Deployed, unknown if flap(s) opened at designated tear points
1758 18.0	7 Not deployed
88 0.9	8 Unknown if deployed
395 4.0	9 Unknown

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

Were air bag module cover flap(s) damaged?

29Aug00 Prcnt	Code Value and Description
5457 55.9	0 Not equipped/not available
1787 18.3	1 No
22 0.2	2 Yes (specify)
263 2.7	3 Deployed, unknown if air bag module cover flap(s) damaged
1758 18.0	7 Not deployed
88 0.9	8 Unknown if deployed
395 4.0	9 Unknown

<u>Variable 845</u>	<u>AB DAMAGED</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Was there damage to the air bag?

29Aug00	Prcnt	Code	Value and Description
5457	55.9	0	Not equipped/not available
1706	17.5	1	Not damaged
			Yes - air bag damaged
0	0.0	2	Ruptured
22	0.2	3	Cut
24	0.2	4	Torn
15	0.2	5	Holed
9	0.1	6	Burned
4	0.0	7	Abraded
3	0.0	88	Other damage (specify)
1	0.0	95	Damaged, details unknown
288	2.9	96	Deployed, unknown if damaged
1758	18.0	97	Not deployed
88	0.9	98	Unknown if deployed
395	4.0	99	Unknown

<u>Variable 846</u>	<u>AB DAMAGE SOURCE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Source of air bag damage

29Aug00	Prcnt	Code	Value and Description
5457	55.9	0	Not equipped/not available
1706	17.5	1	Not damaged
			Yes - damaged
1	0.0	2	Object worn by occupant
0	0.0	3	Object carried by occupant
0	0.0	4	Adaptive/assistive controls (specify)
2	0.0	5	Fire in vehicle
9	0.1	6	Thermal burns
6	0.1	7	Rescue or emergency efforts
35	0.4	88	Other damage source (specify)
25	0.3	95	Damaged, unknown source
288	2.9	96	Deployed, unknown if damaged
1758	18.0	97	Not deployed

Variable 846:AB DAMAGE SOURCE (Continued)

29Aug00 Prcnt Code Value and Description

88	0.9	98	Unknown if deployed
395	4.0	99	Unknown

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

Was the air bag tethered?

29Aug00 Prcnt Code Value and Description

5457	55.9	0	Not equipped/not available
684	7.0	1	No
1076	11.0	2	Yes (specify number of tether straps)
312	3.2	3	Deployed, unknown if tethered
1758	18.0	7	Not deployed
88	0.9	8	Unknown if deployed
395	4.0	9	Unknown

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

Did air bag have vent ports?

29Aug00 Prcnt Code Value and Description

5457	55.9	0	Not equipped/not available
273	2.8	1	No
1514	15.5	2	Yes (specify the number of vent ports)
285	2.9	3	Deployed, unknown if vent ports present
1758	18.0	7	Not deployed
88	0.9	8	Unknown if deployed
395	4.0	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?

29Aug00 Prcnt Code Value and Description

5457	55.9	0	Not equipped/not available
1877	19.2	1	No
15	0.2	2	Yes (specify)
180	1.8	3	Deployed, unknown if other occupant contact to air bag
1758	18.0	7	Not deployed

Variable 849:AB CONTACTED BY OTHER OC (Continued)

29Aug00 Prcnt Code Value and Description

88	0.9	8	Unknown if deployed
395	4.0	9	Unknown

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

Was this occupant wearing eyewear?

29Aug00 Prcnt Code Value and Description

5457	55.9	0	Not air bag equipped/not available
888	9.1	1	No
437	4.5	2	Eyeglasses/sunglasses
122	1.2	3	Contact lenses
625	6.4	4	Deployed, unknown if eyewear worn
1758	18.0	7	Not deployed
88	0.9	8	Unknown if deployed
395	4.0	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

29Aug00 Prcnt Code Value and Description

1140	11.7	0	No head restraints
1716	17.6	1	Integral - no damage
28	0.3	2	Integral - damaged during accident
4734	48.5	3	Adjustable - no damage
148	1.5	4	Adjustable - damaged during accident
0	0.0	5	Add-on - no damage
0	0.0	6	Add-on - damaged during accident
7	0.1	8	Other
1997	20.4	9	Unknown

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

Seat Type (this Occupant's Position)

29Aug00 Prcnt Code Value and Description

85	0.9	0	Occupant not seated or no seat
2726	27.9	1	Bucket
1926	19.7	2	Bucket with folding back

Variable 852:SEAT TYPE (Continued)

29Aug00 Prcnt Code Value and Description

703	7.2	3	Bench
160	1.6	4	Bench with separate back cushions
650	6.7	5	Bench with folding back(s)
716	7.3	6	Split bench with separate back cushions
379	3.9	7	Split bench with folding back(s)
13	0.1	8	Pedestal (i.e., column supported)
369	3.8	9	Box mounted seat (i.e., van type)
18	0.2	10	Other seat type
2025	20.7	99	Unknown

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

Seat Orientation (this Occupant's Position)

29Aug00 Prcnt Code Value and Description

85	0.9	0	Occupant not seated or no seat
7644	78.2	1	Forward facing seat
8	0.1	2	Rear facing seat
4	0.0	3	Side facing seat (inward)
1	0.0	4	Side facing seat (outward)
0	0.0	8	Other
2028	20.8	9	Unknown

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

Seat track adjusted position prior to impact

29Aug00 Prcnt Code Value and Description

85	0.9	0	Occupant not seated or no seat
1147	11.7	1	Non-adjustable seat track
			Adjustable seat track
392	4.0	2	Seat at forward most track position
752	7.7	3	Seat between forward most track and middle track position
1845	18.9	4	Seat at middle track position
1440	14.7	5	Seat between middle and rear most track position
1853	19.0	6	Seat at rear most track position
2256	23.1	9	Unknown

<u>Variable 855</u>	<u>SEAT BACK INCLINE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Seat back incline prior and post impact

29Aug00	Prcnt	Code	Value and Description
85	0.9	0	Occupant not seated or no seat
1820	18.6	1	Non-adjustable
			Upright prior to impact
41	0.4	11	Moved to completely rearward position
32	0.3	12	Moved to rearward midrange position
59	0.6	13	Moved to slightly rearward position
1423	14.6	14	Retained pre-impact position
51	0.5	15	Moved to slightly forward position
11	0.1	16	Moved to forward midrange position
3	0.0	17	Moved to completely forward position
			Slightly reclined prior to impact
72	0.7	21	Moved to completely rearward position
229	2.3	22	Moved to rearward midrange position
3538	36.2	23	Retained pre-impact position
59	0.6	24	Moved to upright position
76	0.8	25	Moved to slightly forward position
10	0.1	26	Moved to forward midrange position
3	0.0	27	Moved to completely forward position
			Completely reclined prior to impact
24	0.2	31	Retained pre-impact position
0	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
2233	22.9	99	Unknown

<u>Variable 856</u>	<u>SEAT PERFORMANCE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Seat Performance (this Occupant's Position)

29Aug00	Prcnt	Code	Value and Description
85	0.9	0	Occupant not seated or no seat
6415	65.7	1	No seat performance failure(s)
19	0.2	2	Seat adjusters failed
105	1.1	3	Seat back folding locks or "seat back" failed
53	0.5	4	Seat track/anchors failed
361	3.7	5	Deformed by occupant impact
495	5.1	6	Deformed by passenger compartment intrusion
31	0.3	7	Combination of above

Variable 856:SEAT PERFORMANCE (Continued)

29Aug00 Prcnt Code Value and Description

46	0.5	8	Other
2160	22.1	9	Unknown

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

Child Safety Seat Make/Model

29Aug00 Prcnt Code Value and Description

9540	97.6	0	No child safety seat
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Infant Safety Seats

0	0.0	101	GM Love Seat
0	0.0	102	Century Infant Car Seat (includes 560, 565)
0	0.0	103	Century Infant Love Seat
0	0.0	104	Cuddle Shuddle
0	0.0	105	Cosco TLC
0	0.0	106	Trav-L-Ette
0	0.0	107	Cosco First Ride
4	0.0	108	Evenflo Infant Car Seat
0	0.0	109	Dyn-O-Mite
0	0.0	110	Infant Carrier
0	0.0	111	Snug Seat
0	0.0	112	Rock 'N' Ride
0	0.0	113	Swinger
0	0.0	114	Rockit Seat 640
0	0.0	115	Joy Ride
0	0.0	116	Cosco Dream Ride
0	0.0	117	Travel Tandem
1	0.0	118	Fisher-Price Infant Seat
0	0.0	119	Gerry Guard with Glide
0	0.0	120	Safeline Sit'n'Stroll
0	0.0	121	Century Infant Car Seat (includes 590)

Toddler/Convertible Seats

0	0.0	201	Century 100
1	0.0	202	Century 200
0	0.0	203	Century 300
0	0.0	204	Century 400, XL
2	0.0	205	Century 1000 S.T.E.
2	0.0	206	Century 2000 S.T.E.
2	0.0	207	Century 3000, 3500 Premier S.T.E.
0	0.0	208	Child Love Seat - GM Child Love Seat
0	0.0	209	Safe & Sound - II
0	0.0	210	Roundtripper
0	0.0	211	Voyager
0	0.0	212	Cosco Soft Shield - Auto Trac
1	0.0	213	Cosco Safe & Easy
0	0.0	214	Cosco Safe & Snug

Variable 857:CHILD SEAT MAKE/MODEL (Continued)

29Aug00	Prcnt	Code	Value and Description
1	0.0	215	Commuter - 5-Pt
1	0.0	216	Explorer
0	0.0	217	Safe-T-Seat
0	0.0	218	Safe-T-Shield
0	0.0	219	Safe-T-Mate
0	0.0	220	Peterson Safety Shield
7	0.1	221	Evenflo Convertible
0	0.0	222	Seven-Year Car Seat
1	0.0	223	Bobby Mac - Deluxe II, Champion, Super, Lite
0	0.0	224	One-Step
1	0.0	225	Fisher-Price Car Seat
0	0.0	226	Gerry Guardian
0	0.0	227	Little Trav'ler - 310, 315
0	0.0	228	GT 100
0	0.0	229	Teddy Tot Astroseat - 9100/9300 Series
0	0.0	230	Hi-Rider XL - "7"
0	0.0	231	Redi-Rider
0	0.0	232	Quikstep
0	0.0	233	Ultra Ride
0	0.0	234	Nissan Safety Seat - Infant/Child
0	0.0	235	Pride Ride - 820 & 830 Series
0	0.0	236	Kantwet Care Seat
0	0.0	237	Kantwet Safe Guard
0	0.0	238	Peggy
0	0.0	239	Tip-Up
0	0.0	240	Wee Care - 500 Series
0	0.0	241	Wee Care - 600 Series
0	0.0	242	GT - 2000, 3000
0	0.0	243	Quick Click
0	0.0	244	Volvo Child Seat
0	0.0	245	Child Cushion
0	0.0	246	Welsh Travel Tot
0	0.0	247	Perfect F.I.T.T.
1	0.0	248	Ultra I, II, V
0	0.0	249	Baby Sitter
2	0.0	250	Century S.T.E. Car Seat - 5000, 5500 Premier
0	0.0	251	Gerry Guardian
0	0.0	252	Auto-Mate - Dial-A-Fit
0	0.0	253	Playskool Carseat
0	0.0	254	Prodigy Kiwi
0	0.0	255	Prodigy Shuttle
0	0.0	256	Renolux GT 2000
0	0.0	257	Renolux GT 5000
0	0.0	258	Comfort Rule
0	0.0	259	Champion
0	0.0	260	Traveler 700
0	0.0	261	Premier
0	0.0	262	Gerry Guard SecureLock
0	0.0	263	Ronolux
			Booster Safety Seats
0	0.0	301	Century Commander

Variable 857:CHILD SEAT MAKE/MODEL (Continued)

29Aug00 Prcnt Code Value and Description

0	0.0	302	Safe-T-Rider - II, Deluxe
0	0.0	303	Co-Pilot - II
4	0.0	304	Cosco Explorer I
0	0.0	305	Travel Hi-Lo - Deluxe High Back
0	0.0	306	Evenflo Booster
0	0.0	307	Wings by Bobby Mac
0	0.0	308	Tot Guard
1	0.0	309	Gerry Voyager
0	0.0	310	Teddy Tot Astrorider - 6000 Series
0	0.0	311	Tot Rider Quick Step - XL
0	0.0	312	Flip 'N'Go - II
0	0.0	313	#812
0	0.0	314	Click-N-Go - 890 Series
0	0.0	315	Vario
0	0.0	316	Wee Care Booster Seat - 600 Series
0	0.0	317	Quick Click 605 Booster
2	0.0	318	Cosco Auto Booster
0	0.0	319	Sightseer
0	0.0	320	Century CR-3
1	0.0	321	Gerry DoubleGuard
7	0.1	322	Century Breverra
Special Need Safety Seats			
0	0.0	401	Swinger Infant Car Bed
0	0.0	402	Britax
0	0.0	403	E-Z-On Vest
0	0.0	404	Carrie Car Seat System
0	0.0	405	Modified E-Z-On Vest
0	0.0	406	Travel Chair
0	0.0	407	Preemie Bunting
0	0.0	408	SPELCAST
0	0.0	409	Columbia Orthopedic Seat
0	0.0	410	Kidster
0	0.0	411	Snug Seat
0	0.0	412	900 Series Transporter
Harnesses			
0	0.0	501	Little Cargo Auto Vest
1	0.0	950	Built-in child safety seat
0	0.0	997	Other make/model
187	1.9	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

29Aug00	Prcnt	Code	Value and Description
9540	97.6	0	No child safety seat
31	0.3	1	Infant seat
60	0.6	2	Toddler seat
51	0.5	3	Convertible seat
41	0.4	4	Booster seat - with shield
0	0.0	5	Booster seat - without shield
0	0.0	7	Other type child safety seat
47	0.5	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

29Aug00	Prcnt	Code	Value and Description
9540	97.6	0	No child safety seat
			Designed for rear facing for this age/weight
24	0.2	1	Rear facing
6	0.1	2	Forward facing
0	0.0	8	Other orientation
3	0.0	9	Unknown orientation
			Designed for forward facing for this age/weight
2	0.0	11	Rear facing
144	1.5	12	Forward facing
1	0.0	18	Other orientation
1	0.0	19	Unknown orientation
			Unknown design or orientation, or unknown age/weight
1	0.0	21	Rear facing
3	0.0	22	Forward facing
0	0.0	28	Other orientation
45	0.5	29	Unknown orientation
0	0.0	99	Unknown if child safety seat used

<u>Variable 860</u>	<u>CHILD SEAT HARNESS USE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Child safety seat harness usage

29Aug00	Prcnt	Code	Value and Description
9540	97.6	0	No child safety seat
			Not designed with harness
0	0.0	1	After market harness added, not used
0	0.0	2	After market harness used
38	0.4	3	Child safety seat used, but no after market harness added
5	0.1	9	Unknown if harness added or used
			Designed with harness
2	0.0	11	Harness not used
111	1.1	12	Harness used
2	0.0	19	Unknown if harness used
			Unknown if designed with harness
2	0.0	21	Harness not used
2	0.0	22	Harness used
68	0.7	29	Unknown if harness used
0	0.0	99	Unknown if child safety seat used

<u>Variable 861</u>	<u>CHILD SEAT SHIELD USE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Child safety seat shield usage

29Aug00	Prcnt	Code	Value and Description
9540	97.6	0	No child safety seat
			Not designed with shield
1	0.0	1	After market shield added, not used
0	0.0	2	After market shield used
82	0.8	3	Child safety seat used, but no after market shield added
4	0.0	9	Unknown if shield added or used
			Designed with shield
3	0.0	11	Shield not used
59	0.6	12	Shield used
1	0.0	19	Unknown if shield used
			Unknown if designed with shield
5	0.1	21	Shield not used
1	0.0	22	Shield used
74	0.8	29	Unknown if shield used
0	0.0	99	Unknown if child safety seat used

<u>Variable 862</u>	<u>CHILD SEAT TETHER USE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Child safety seat tether usage

29Aug00	Prcnt	Code	Value and Description
9540	97.6	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
115	1.2	3	Child safety seat used, but no after market tether added
8	0.1	9	Unknown if tether added or used
			Designed with tether
5	0.1	11	Tether not used
8	0.1	12	Tether used
0	0.0	19	Unknown if tether used
			Unknown if designed with tether
9	0.1	21	Tether not used
1	0.0	22	Tether used
84	0.9	29	Unknown if tether used
0	0.0	99	Unknown if child safety seat used

<u>Variable 863</u>	<u>INJURY SEVERITY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00	Prcnt	Code	Value and Description
2736	28.0	0	O - No injury
1988	20.3	1	C - possible injury
1533	15.7	2	B - nonincapacitating injury
2854	29.2	3	A - incapacitating injury
407	4.2	4	K - fatal injury
84	0.9	5	U - Injured - severity unknown
1	0.0	6	Died prior to accident
167	1.7	9	Unknown if injured

<u>Variable 864</u>	<u>TREATMENT/MORTALITY</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00	Prcnt	Code	Value and Description
2870	29.4	0	No treatment
435	4.5	1	Fatal
13	0.1	2	Fatal - ruled disease

Variable 864:TREATMENT/MORTALITY (Continued)

29Aug00 Prcnt Code Value and Description

Nonfatal		
1972	20.2	3 Hospitalized
3508	35.9	4 Transported and released
116	1.2	5 Treatment at scene - nontransported
357	3.7	6 Treatment later
0	0.0	7 Treatment - other
217	2.2	8 Transported to a medical facility - unknown if treated
282	2.9	9 Unknown

Variable 865	TYPE OF MEDICAL FACILITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00 Prcnt Code Value and Description

3218	32.9	0	Not treated at a medical facility
3622	37.1	1	Trauma center
2276	23.3	2	Hospital
5	0.1	3	Medical clinic
1	0.0	4	Physician's office
357	3.7	5	Treatment later at medical facility
0	0.0	8	Other
291	3.0	9	Unknown

Variable 866	HOSPITAL STAY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

29Aug00 Prcnt Code Value and Description

7218	73.9	0	Not hospitalized
507	5.2	1	- Actual number of days that the occupant stayed in hospital
1	0.0	55	
3	0.0	61	61 days or more
624	6.4	99	Unknown

Variable 867	WORKING DAYS LOST	Width: 2	Type: Numeric
		Dec: None	Miss: 99

29Aug00 Prcnt Code Value and Description

1620	16.6	0	No working days lost
320	3.3	1	- Actual number of days that the occupant lost from work due to the accident
30	0.3	60	

Variable 867:WORKING DAYS LOST (Continued)

29Aug00	Prcnt	Code	Value and Description
38	0.4	61	61 days or more
448	4.6	62	Fatally injured
2950	30.2	97	Not working prior to accident
3015	30.9	99	Unknown

Variable 868	TIME TO DEATH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

29Aug00	Prcnt	Code	Value and Description
9322	95.4	0	Not fatal
			Time in Hours
119	1.2	1	Less than 1 and 1/2 hours from the time of the accident
41	0.4	2	- Actual time to nearest hour
1	0.0	23	
1	0.0	24	From 23 1/2 to 24 hours after the accident
			Time in Days
8	0.1	31	- Actual time to nearest day (one day=31, 2 days=32, etc.)
1	0.0	59	
0	0.0	60	From 29 1/2 to 30 days after the accident
13	0.1	96	Fatal - ruled disease
171	1.8	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)

29Aug00	Prcnt	Code	Value and Description
9322	95.4	0	Not fatal or no additional causes
96	1.0	1	- Injury number
1	0.0	31	
19	0.2	96	Mode of death given but specific injuries are not linked to cause of death
13	0.1	97	Other result (includes fatal ruled disease)
124	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)

29Aug00	Prcnt	Code	Value and Description
9542	97.7	0	Not fatal or no additional causes
26	0.3	1	- Injury number
1	0.0	31	
0	0.0	96	Mode of death given but specific injuries are not linked to cause of death
0	0.0	97	Other result (includes fatal ruled disease)
0	0.0	99	Unknown

Variable	871	CAUSE OF DEATH-3-MED REP	Width: 2	Type: Numeric
			Dec: None	Miss: 99

Injury number of medically reported cause of death (3)

29Aug00	Prcnt	Code	Value and Description
9587	98.1	0	Not fatal or no additional causes
10	0.1	1	- Injury number
2	0.0	28	
0	0.0	96	Mode of death given but specific injuries are not linked to cause of death
0	0.0	97	Other result (includes fatal ruled disease)
0	0.0	99	Unknown

Variable	872	NUM RECORDED INJURIES	Width: 2	Type: Numeric
			Dec: None	Miss: 99

Number of recorded injuries

29Aug00	Prcnt	Code	Value and Description
2681	27.4	0	No recorded injuries
1284	13.1	1	- Actual number of injuries recorded for this occupant
1	0.0	42	
640	6.6	97	Injured, details unknown
176	1.8	99	Unknown if injured

<u>Variable 873</u>	<u>GLASGOW COMA SCALE SCORE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Glasgow Coma Scale (GCS) Score

29Aug00	Prcnt	Code	Value and Description
2681	27.4	0	Not injured
787	8.1	1	Injured - not treated at medical facility
1679	17.2	2	No GCS score at medical facility
99	1.0	3	- Actual value of the initial GCS score recorded at medical facility
3440	35.2	15	
640	6.6	97	Injured, details unknown
176	1.8	99	Unknown if injured

<u>Variable 874</u>	<u>WAS OCCUPANT GIVEN BLOOD</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00	Prcnt	Code	Value and Description
7787	79.7	1	No - blood not given
192	2.0	2	Yes - Blood given (specify units)
1791	18.3	9	Unknown if blood given

<u>Variable 875</u>	<u>ARTERIAL BLOOD GASES</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Arterial blood gases (ABG) - HCO3

29Aug00	Prcnt	Code	Value and Description
2681	27.4	0	Not injured
5827	59.6	1	Injured - ABGs not measured or reported
5	0.1	2	- Actual value of HCO3
2	0.0	41	
54	0.6	96	ABGs reported, HCO3 unknown
640	6.6	97	Injured, details unknown
176	1.8	99	Unknown if injured

<u>Variable 876</u>	<u>BELT USE DETERMINATION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Primary source of belt use determination

29Aug00	Prcnt	Code	Value and Description
198	2.0	0	Not equipped/not available/destroyed or rendered inoperative
7320	74.9	1	Vehicle inspection
65	0.7	2	Official injury data
940	9.6	3	Driver/occupant interview
32	0.3	8	Other
1215	12.4	9	Unknown if belt used

<u>Variable 877</u>	<u>MAXIMUM KNOWN AIS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00	Prcnt	Code	Value and Description
2681	27.4	0	Not injured
3885	39.8	1	Minor injury
1108	11.3	2	Moderate injury
686	7.0	3	Serious injury
235	2.4	4	Severe injury
256	2.6	5	Critical injury
81	0.8	6	Maximum (untreatable) injury
662	6.8	7	Injury, unknown severity
176	1.8	9	Unknown if injured

<u>Variable 878</u>	<u>INJURY SEVERITY SCORE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Injury Severity Score (ISS)

29Aug00	Prcnt	Code	Value and Description
3519	36.0	0	Not injured
2674	27.4	1	ISS 1
		-	
84	0.9	75	Maximum ISS
0	0.0	99	Unknown ISS

<u>Variable 879</u>	<u>REDESIGN AIR BAG CLASS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00	Prcnt	Code	Value and Description
9770	100.0	9	Unknown if Airbag Equipped

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

29Aug00 Prcnt	Code Value and Description		
29550 100.0	10 Occupant injury record		

Variable 904	VERSION NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

29Aug00 Prcnt	Code Value and Description		
29550 100.0	12 Version 12		

Variable 905	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

29Aug00 Prcnt	Code Value and Description		
20194 68.3	1 Vehicle #1		
8952 30.3	2 Vehicle #2		
344 1.2	3 Vehicle #3		
40 0.1	4 Vehicle #4		
20 0.1	5 Vehicle #5		

NASS CraKhworthiness Data System (CDS)
1999 - Occupant Injury

Variable 906	OCCUPANT NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

29Aug00 Prcnt Code Value and Description

20491	69.3	1	-
			Occupant number
2	0.0	14	

Variable 907	INJURY NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

29Aug00 Prcnt Code Value and Description

6273	21.2	1	-
			Injury number
1	0.0	42	

Variable 908	INJURY DATA SOURCE	Width: 1	Type: Numeric
		Dec: None	Miss: None

29Aug00 Prcnt Code Value and Description

Official Sources			
4049	13.7	1	Autopsy records with or without hospital/medical records
7719	26.1	2	Hospital/medical records other than emergency room (e.g., discharge summary)
11920	40.3	3	Emergency room records only (including associated x-rays or other lab reports)
12	0.0	4	Private physician - walk-in or emergency clinic
Unofficial Sources			
104	0.4	5	Lay coroner report
273	0.9	6	E.M.S. personnel
5327	18.0	7	Interviewee
1	0.0	8	Other source
145	0.5	9	Police

Variable 909	BODY REGION - AIS90	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00 Prcnt Code Value and Description

4112	13.9	1	Head
6059	20.5	2	Face
473	1.6	3	Neck
3275	11.1	4	Thorax
1579	5.3	5	Abdomen
2314	7.8	6	Spine
5204	17.6	7	Upper Extremity

Variable 909:BODY REGION - AIS90 (Continued)

29Aug00 Prcnt Code Value and Description

6354	21.5	8	Lower Extremity
180	0.6	9	Unspecified

Variable 910	ASPECT - AIS90	Width: 1	Type: Numeric
		Dec: None	Miss: 9

29Aug00 Prcnt Code Value and Description

1896	6.4	0	Whole region
7479	25.3	1	Right
8434	28.5	2	Left
2379	8.1	3	Bilateral
1332	4.5	4	Central
708	2.4	5	Anterior
1682	5.7	6	Posterior
2220	7.5	7	Superior
2313	7.8	8	Inferior
1107	3.7	9	Unknown

Variable 911	TYPE OF ANATOMIC STRUCT	Width: 1	Type: Numeric
		Dec: None	Miss: None

29Aug00 Prcnt Code Value and Description

			Type of Anatomic Structure - AIS90
138	0.5	1	Whole Area
122	0.4	2	Vessels
40	0.1	3	Nerves
4137	14.0	4	Organs (includes muscles/ligaments)
5434	18.4	5	Skeletal (includes joints)
1036	3.5	6	Head - LOC (Level of Consciousness)
18643	63.1	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

29Aug00 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)

29Aug00 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

29Aug00 Prcnt Code Value and Description

2073 7.0 0
 - Injury Level
 311 1.1 99

Variable 914	AIS SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 7

29Aug00 Prcnt Code Value and Description

21334 72.2 1 Minor injury
 4316 14.6 2 Moderate injury
 2514 8.5 3 Serious injury
 744 2.5 4 Severe injury
 447 1.5 5 Critical injury
 97 0.3 6 Maximum (untreatable)
 98 0.3 7 Injured, unknown severity

Variable 915	INJURY SOURCE	Width: 3	Type: Numeric
		Dec: None	Miss: 697
29Aug00 Prcnt	Code Value and Description		
	Front		
1652 5.6	1 Windshield		
202 0.7	2 Mirror		
142 0.5	3 Sunvisor		
1602 5.4	4 Steering wheel rim		
159 0.5	5 Steering wheel hub/spoke		
946 3.2	6 Steering wheel (combination of rim, hub/spoke)		
95 0.3	7 Steering column, transmission, selector lever, other attachment		
0 0.0	8 Cellular telephone or CB radio		
6 0.0	9 Add-on equipment (e.g., tape deck, air conditioner)		
1785 6.0	10 Left instrument panel and below		
656 2.2	11 Center instrument panel and below		
976 3.3	12 Right instrument panel and below		
192 0.6	13 Glove compartment door		
680 2.3	14 Knee bolster		
48 0.2	15 Windshield +: front header,A-pillar (A1/A2),instr panel, mirror,steering assembly-driver side		
17 0.1	16 Windshield + 1 or more from: front header,A-pillar (A1/A2),instr panel,mirror,-passenger side		
48 0.2	17 Windshield reinforced by exterior object		
12 0.0	19 Other front object		
	Left Side		
1013 3.4	51 Left side interior surface (excluding hardware or armrest)		
499 1.7	52 Left side hardware or armrest		
202 0.7	53 Left A-pillar (A1/A2)		
338 1.1	54 Left B-pillar		
22 0.1	55 Other left pillar		
128 0.4	56 Left side window glass		
82 0.3	57 Left side window frame		
16 0.1	58 Left side window sill		
6 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		
634 2.1	101 Right side interior surface (excluding hardware or armrest)		
275 0.9	102 Right side hardware or armrest		
71 0.2	103 Right A-pillar (A1/A2)		
207 0.7	104 Right B-pillar		
19 0.1	105 Other right pillar		
87 0.3	106 Right side window glass		
35 0.1	107 Right side window frame		
4 0.0	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)

29Aug00 Prcnt Code Value and Description

Interior		
1269	4.3	151 Seat, back support
2645	9.0	152 Belt restraint webbing/buckle
90	0.3	153 Belt restraint B pillar or door frame attachment point
3	0.0	154 Other restraint system component
224	0.8	155 Head restraint system
211	0.7	160 Other occupants
30	0.1	161 Interior loose objects
74	0.3	162 Child safety seat
69	0.2	163 Other interior object
Air Bag		
1530	5.2	170 Air bag - driver side
51	0.2	171 Air bag - driver side and eyewear
6	0.0	172 Air bag - driver side and jewelry
0	0.0	173 Air bag - driver side and object held
5	0.0	174 Air bag - driver side and object in mouth
59	0.2	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
403	1.4	180 Air bag - passenger side
11	0.0	181 Air bag - passenger side and eyewear
0	0.0	182 Air bag - passenger side and jewelry
3	0.0	183 Air bag - passenger side and object held
0	0.0	184 Air bag - passenger side and object in mouth
6	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
0	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
3	0.0	190 Other air bag
0	0.0	195 Other air bag compartment cover
Roof		
197	0.7	201 Front header
22	0.1	202 Rear header
179	0.6	203 Roof left side rail
96	0.3	204 Roof right side rail
839	2.8	205 Roof or convertible top
Floor		
521	1.8	251 Floor including toe pan
234	0.8	252 Floor or console-mounted transmission lever (including console)
1	0.0	253 Parking brake handle
338	1.1	254 Foot controls (including parking brake)

Variable 915:INJURY SOURCE (Continued)

29Aug00 Prcnt Code Value and Description

			Rear
37	0.1	301	Backlight (rear window)
2	0.0	302	Backlight storage rack, door, etc.
0	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
9	0.0	451	Hood
3	0.0	452	Outside hardware (outside mirror, antenna)
77	0.3	453	Other exterior surface or tires
13	0.0	454	Unknown exterior objects
			Exterior of Other Motor Vehicle
17	0.1	501	Front bumper
74	0.3	502	Hood edge
78	0.3	503	Other front of vehicle
0	0.0	504	Hood
0	0.0	505	Hood ornament
0	0.0	506	Windshield, roof rail, A-pillar
10	0.0	507	Side surface
0	0.0	508	Side mirrors
0	0.0	509	Other side protrusions
42	0.1	510	Rear surface
7	0.0	511	Undercarriage
4	0.0	512	Tires and wheels
5	0.0	513	Other exterior of striking vehicle
71	0.2	514	Unknown exterior of striking vehicle
			Other Vehicle or Object in the Environment
1623	5.5	551	Ground
254	0.9	598	Other vehicle or object
1	0.0	599	Unknown vehicle or object
			Noncontact Injury
21	0.1	601	Fire in vehicle
924	3.1	602	Flying glass
615	2.1	603	Other noncontact injury source
3	0.0	604	Air bag exhaust gases

Variable 915:INJURY SOURCE (Continued)

29Aug00 Prcnt Code Value and Description

3672 12.4 697 Injured, unknown source

Variable 916	CONFIDENCE LEVEL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

Injury source confidence level

29Aug00 Prcnt Code Value and Description

4418 15.0 1 Certain

16647 56.3 2 Probable

4813 16.3 3 Possible

3672 12.4 9 Unknown

Variable 917	DIRECT/INDIRECT INJURY	Width: 1	Type: Numeric
		Dec: None	Miss: 7

29Aug00 Prcnt Code Value and Description

23464 79.4 1 Direct contact injury

726 2.5 2 Indirect contact injury

1563 5.3 3 Noncontact injury

125 0.4 4 Air bag related injury

3672 12.4 7 Injured, unknown source

Variable 918	INTRUSION NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Occupant area intrusion number

29Aug00 Prcnt Code Value and Description

21361 72.3 0 No intrusion or injury not associated with a documented intrusion

850 2.9 1 Intrusion number

80 0.3 10 Intrusion number

308 1.0 97 Injury associated with a noncoded intrusion

4316 14.6 99 Unknown

Variable 919	OIC - BODY REGION	Width: 2	Type: Numeric
		Dec: None	Miss: 21

29Aug00	Prcnt	Code	Value and Description
127	0.4	1	A - Arm (upper)
1113	3.8	2	B - Back - thoracolumbar spine
3235	10.9	3	C - Chest
25	0.1	5	E - Elbow
6057	20.5	6	F - Face
4114	13.9	8	H - Head - skull
169	0.6	11	K - Knee
347	1.2	12	L - Leg (lower)
1625	5.5	13	M - Abdomen
1671	5.7	14	N - Neck - cervical spine
0	0.0	15	O - Whole body
550	1.9	16	P - Pelvis - hip
544	1.8	17	Q - Ankle - foot
355	1.2	18	R - Forearm
392	1.3	19	S - Shoulder
319	1.1	20	T - Thigh
177	0.6	21	U - Injured - unknown region
275	0.9	23	W - Wrist - hand
4030	13.6	24	X - Upper limb(s) (whole or unknown part)
4425	15.0	25	Y - Lower limb(s) (whole or unknown part)

Variable 920	OIC - LESION	Width: 2	Type: Numeric
		Dec: None	Miss: 21

29Aug00	Prcnt	Code	Value and Description
5741	19.4	1	A - Abrasion
44	0.1	2	B - Burn
9469	32.0	3	C - Contusion
317	1.1	4	D - Dislocation
0	0.0	5	E - Total severance, transection
4601	15.6	6	F - Fracture
44	0.1	7	G - Detachment, separation
1036	3.5	11	K - Concussion
5170	17.5	12	L - Laceration
13	0.0	13	M - Amputation
26	0.1	14	N - Crush
8	0.0	15	O - Other
0	0.0	16	P - Perforation, puncture
24	0.1	18	R - Rupture
323	1.1	19	S - Sprain
1313	4.4	20	T - Strain
1216	4.1	21	U - Injured - unknown lesion
205	0.7	22	V - Avulsion
0	0.0	26	Z - Fracture and dislocation

NASS CrAkhworthiness Data System (CDS)
1999 - Occupant Injury

Variable 921	OIC - SYSTEM ORGAN	Width: 2	Type: Numeric
		Dec: None	Miss: 21

29Aug00	Prcnt	Code	Value and Description
122	0.4	1	A - Arteries - veins
2143	7.3	2	B - Brain
51	0.2	3	C - Spinal cord
234	0.8	4	D - Digestive
2	0.0	5	E - Ears
49	0.2	7	G - Urogenital
103	0.3	8	H - Heart
18646	63.1	9	I - Integumentary
633	2.1	10	J - Joints
92	0.3	11	K - Kidneys
242	0.8	12	L - Liver
1390	4.7	13	M - Muscles
40	0.1	14	N - Nervous system
132	0.4	15	O - Eye
360	1.2	16	P - Pulmonary - lungs
211	0.7	17	Q - Spleen
68	0.2	18	R - Respiratory
4740	16.0	19	S - Skeletal
18	0.1	20	T - Thyroid, other endocrine gland
185	0.6	21	U - Injured - unknown system
50	0.2	22	V - Vertebrae
39	0.1	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
abgs	875	1	Injured - ABGs not measured or reported
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
ac	401	12	L - DUAL FR+HD+SI/AC
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 on both sides)
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
advanced	879	3	Advanced Air Bag
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	123	*	REDESIGNED AIR BAG
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 side air bag / passenger side
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
airbag	879	9	Unknown if Airbag Equipped
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
antenna	915	452	Outside hardware (outside mirror, antenn
anterior	910	5	Anterior
antilock	330	*	ANTILOCK BRAKES
aops	398	*	AOPS VEHICLE
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,
astrorider	857	310	Teddy Tot Astrorider - 6000 Series
astroseat	857	229	Teddy Tot Astroseat - 9100/9300 Series
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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 (PASS) SYSTEM USE
auto	827	*	AUTO BELT SYSTEM TYPE
auto	828	*	PROPER USE OF AUTO BELT
auto	829	*	AUTO BELT FAILURE MODES
auto	857	212	Cosco Soft Shield - Auto Trac
auto-mate	857	252	Auto-Mate - Dial-A-Fit
automatic	398	3	VIN determined automatic (passive) belts
automatic	401	4	D - Driver side air bag / passenger side
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
baby	857	249	Baby Sitter
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
backlight	743	19	Backlight header
backlight	915	301	Backlight (rear window)
bag	123	*	REDESIGNED AIR BAG
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 side air bag / passenger side
bag	831	*	AIR BAG AVAIL/FUN POLICE
bag	832	*	AIR BAG AVAIL/FUNCTION
bag	833	*	AIR BAG DEPLOYMENT
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
bed	857	401	Swinger Infant Car Bed
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	3	C - Air bags on both sides / belt system
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
bobby	857	223	Bobby Mac - Deluxe II, Champion, Super,
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	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	909	*	BODY REGION - AIS90
body	919	*	OIC - BODY REGION
bolster	753	*	KNEE BOLSTER TYPE
bolster	754	*	KNEE BOLSTERS DEFORMED

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
bolster	915	14	Knee bolster
booster	857	306	Evenflo Booster
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
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)
breverra	857	322	Century Breverra
brick	385	3	Brick or block
bridge	209	64	Bridge
bridge	355	64	Bridge
bridge	507	64	Bridge
bridge	519	64	Bridge
britax	857	402	Britax
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
brought	374	10	While using or reaching for device/objec
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
building	209	59	Building
building	355	59	Building
building	507	59	Building
building	519	59	Building
built-in	857	950	Built-in child safety seat
bumper	915	501	Front bumper

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
bunting	857	407	Preemie Bunting
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/override, or not an end-ove
bus	329	0	No override/override, 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
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
cannot	749	98	Observed deformation cannot be measured
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
car	857	102	Century Infant Car Seat (includes 560, 5
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
care	857	236	Kantwet Care Seat
cargo	208	4	(B) Back or TDC: back of unit with cargo
cargo	211	4	(B) Back or TDC: back of unit with cargo
cargo	309	11	Auto based panel (cargo station wagon, i
cargo	325	*	VEHICLE CARGO WEIGHT
cargo	351	11	Auto based panel (cargo station wagon, i

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
cargo	551	5	Cargo/trunk compartment
cargo	857	501	Little Cargo Auto Vest
carrie	857	404	Carrie Car Seat System
carried	846	3	Object carried by occupant
carrier	857	110	Infant Carrier
carry	309	50	School bus (designed to carry students,
carry	351	50	School bus (designed to carry students,
carseat	857	253	Playskool Carseat
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
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
cellular	374	5	While talking or listening to cellular p
cellular	915	8	Cellular telephone or CB radio
central	910	4	Central
century	857	102	Century Infant Car Seat (includes 560, 5
certain	916	1	Certain
cervical	919	14	N - Neck - cervical spine
chair	857	406	Travel Chair
champion	857	223	Bobby Mac - Deluxe II, Champion, Super,
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
chloride	562	13	Sodium metal chloride battery
chloride	563	13	Sodium metal chloride battery
chrysler	307	6	Chrysler
cj-2	309	14	Compact utility (includes Jeep CJ-2 thru
cj-2	351	14	Compact utility (includes Jeep CJ-2 thru
cj-7	309	14	Compact utility (includes Jeep CJ-2 thru
cj-7	351	14	Compact utility (includes Jeep CJ-2 thru
class	207	*	CLASS OF VEHICLE (1)
class	210	*	CLASS OF VEHICLE (2)
class	879	*	REDESIGN AIR BAG CLASS
click	857	243	Quick Click
click-n-go	857	314	Click-N-Go - 890 Series
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
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	342	99	Not coded
coded	367	0	Reconstruction delta V coded
coded	401	99	Not 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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
columbia	857	409	Columbia Orthopedic Seat
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/
comfort	857	258	Comfort Rule
commander	857	301	Century Commander
commuter	857	215	Commuter - 5-Pt
compact	207	2	Compact (wheelbase => 254 but < 265 cm)
compact	210	2	Compact (wheelbase => 254 but < 265 cm)
compact	309	14	Compact utility (includes Jeep CJ-2 thru
compact	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)
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	252	Floor or console-mounted transmission le
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 CONTAC
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	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
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
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)

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	857	221	Evenflo Convertible
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
co-pilot	857	303	Co-Pilot - II
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
cosco	857	105	Cosco TLC
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
cr-3	857	320	Century CR-3
cracked	373	2	Cracked/sheared
cracked	617	2	Glazing in place and cracked from impact
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
crash	121	*	PED CRASH DATA STUDY
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
cuddle	857	104	Cuddle Shuddle
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
cushion	743	25	Seat cushion
cushion	852	4	Bench with separate back cushions
cushion	857	245	Child Cushion
cut	845	3	Cut
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

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Item	Var	CV	Variable Name or Code Value
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
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
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"

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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 non-coded delta-V (specify)
deluxe	857	223	Bobby Mac - Deluxe II, Champion, Super,
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
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
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
dial-a-fit	857	252	Auto-Mate - Dial-A-Fit
dialing	374	6	While dialing cellular phone (specify lo
diamond	307	81	Diamond Reo, Reo
died	863	6	Died prior to accident

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
doc	372	*	TRAJECTORY DATA DOC
doc	546	*	CDC'S DOC/NOT CODED
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
door	915	13	Glove compartment door
doubleguard	857	321	Gerry DoubleGuard
down	747	4	Between center and full down
down	824	4	In full down position
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
d-pillar	731	9	D-pillar
d-pillar	735	9	D-pillar
d-pillar	739	9	D-pillar
d-pillar	743	9	D-pillar
dream	857	116	Cosco Dream Ride
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 side air bag / passenger side
driver	811	1	Driver
driver	876	3	Driver/occupant interview
driver	915	170	Air bag - driver side
driver'	396	*	DRIVER'S ZIP CODE
driver'	397	*	DRIVER'S RACE/ETHNIC
driver'	812	11	Front seat - left side (driver's side)
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
drug	117	*	DRUG INVOLVEMENT
drug	394	*	OTHER DRUG PRESENCE
drug	395	*	OTH DRUG - SPECIMEN TEST
dry	386	1	Dry
dual	401	7	G - DUAL FR+SID/UNK
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
dyn-o-mite	857	109	Dyn-O-Mite
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
easy	857	213	Cosco Safe & Easy
eating	374	13	Eating or drinking

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
el	309	10	Auto based pickup (includes El Camino, C
el	351	10	Auto based pickup (includes El Camino, C
elbow	919	5	E - Elbow
electric	336	5	E - Electric
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
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	7	G - Gas (ie Ford engine methanol fuel is
engine	349	*	MTRCYCLE ENGINE DISPLACE
engine	376	2	Stalled engine

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
engine	551	4	Engine compartment
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	562	7	Ethanol (E100 or E85)
ethanol	563	7	Ethanol (E100 or E85)
ethnic	397	*	DRIVER'S RACE/ETHNIC
evenflo	857	108	Evenflo Infant Car Seat
event	110	*	NUM EVENTS RECORDED
event	203	2	Event record
event	205	*	EVENT SEQUENCE NUMBER
event	209	98	Other event
event	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
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
explorer	857	216	Explorer
explosion	209	33	Fire or explosion

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
e-z-on	857	403	E-Z-On Vest
face	909	2	Face
face	919	6	F - Face
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
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	122	*	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
fisher-price	857	118	Fisher-Price Infant Seat
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
flap	844	*	AB FLAPS DAMAGED
flat	376	1	Blow out or flat tire
flew	376	4	Non-disabling vehicle problem (e.g. hood
flexible	336	6	F - Flexible fuel
flip	857	312	Flip 'N'Go - II

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
fr+hd+si	401	8	H - DUAL FR+HD+SI/UN
fr+sid	401	7	G - DUAL FR+SID/UNK
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	11	K - Dual air bags front and sides / acti
front	514	6	F - Front
front	526	6	F - Front
front	551	1	Vehicle exterior (front, side, back, top
front	706	11	Front row - left

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	7	G - Gas (ie Ford engine methanol fuel is
gas	562	3	CNG (Compressed Natural Gas)
gas	563	3	CNG (Compressed Natural Gas)
gases	875	*	ARTERIAL BLOOD GASES

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
gases	915	604	Air bag exhaust gases
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
gerry	857	119	Gerry Guard with Glide
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
glazing	638	*	TYPE OF GLAZING - BL
glazing	639	*	TYPE OF GLAZING - RO
glazing	640	*	TYPE OF GLAZING - OT
glazing	641	0	No glazing

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
glide	857	119	Gerry Guard with Glide
glove	755	*	GLOVE COMPART DOOR OPEN
glove	915	13	Glove compartment door
gm	857	101	GM Love Seat
gmc	307	23	GMC
gmc	309	16	Utility station wagon (Chevy Suburban,GM
gmc	351	16	Utility station wagon (Chevy Suburban,GM
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
gt	857	228	GT 100
guard	857	119	Gerry Guard with Glide
guardian	857	226	Gerry Guardian
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
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
hatchback	351	3	3-door/2-door hatchback

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
hco3	875	96	ABGs reported, HCO3 unknown
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
high	857	305	Travel Hi-Lo - Deluxe High Back
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
hi-lo	857	305	Travel Hi-Lo - Deluxe High Back
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
hi-rider	857	230	Hi-Rider XL - "7"
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
holed	617	3	Glazing in place and holed from impact f
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	Non-disabling 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 (rollover)
horizontal	569	998	Non horizontal impact (rollover)
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	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	122	*	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 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
impact	355	32	No rollover impact initiation (end-over-
impact	358	996	Non-horizontal impact
impact	359	996	Non-horizontal 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 (rollover)
impact	569	998	Non horizontal impact (rollover)
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	857	102	Century Infant Car Seat (includes 560, 5
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
injured	114	*	NUM INJURED OCCUPANTS
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

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Item	Var	CV	Variable Name or Code Value
instrument	915	10	Left instrument panel and below
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)

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
intrusion	713	8	No Intrusion
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
joules	365	0	Less than 50 joules
joy	857	115	Joy Ride
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)
kantwet	857	236	Kantwet Care Seat
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
kidster	857	410	Kidster
kiwi	857	254	Prodigy Kiwi
kmph	366	0	Less than 0.5 kmph
kmph	367	1	Less than 10 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 travel
lane	378	1	Stayed in original travel lane
lane	382	*	NUMBER OF TRAVEL LANES
lap	812	15	Front seat - on/in lap of another occupant
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 abdomen
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
latchplate	823	3	Broken buckle or latchplate
latchplate	829	3	Broken buckle or latchplate

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
lateral	357	8	Rollover -- end-over-end (i.e., primaril
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
left	715	2	Instrument panel left
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 (KPH)
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
lite	857	223	Bobby Mac - Deluxe II, Champion, Super,
little	857	227	Little Trav'ler - 310, 315
liver	921	12	L - Liver

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
longitudinal	357	1	Roll right - primarily about longitudina
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
love	857	101	GM Love Seat
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)
mac	857	223	Bobby Mac - Deluxe II, Champion, Super,
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
make	307	*	VEHICLE MAKE
make	308	*	MAKE/MODEL
make	346	*	VIN MAKE
make	857	*	CHILD SEAT MAKE/MODEL
male	808	1	Male
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 on both sides)
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
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	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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
metallic	553	1	Metallic
methanol	336	7	G - Gas (ie Ford engine methanol fuel is
methanol	562	6	Methanol (M100 or M85)
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)

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
modified	549	9	Unknown if vehicle is modified
modified	857	405	Modified E-Z-On Vest
module	844	3	Deployed, unknown if air bag module cove
monday	108	2	Monday
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
'n'	857	112	Rock 'N' Ride
narrow	517	14	N - Narrow impact area
narrow	529	14	N - Narrow impact area
natural	336	14	N - Compressed Natural Gas
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
nissan	857	234	Nissan Safety Seat - Infant/Child
non	568	998	Non horizontal impact (rollover)
non	569	998	Non horizontal impact (rollover)
non-adjustable	854	1	Non-adjustable seat track
non-adjustable	855	1	Non-adjustable
nonautomated	328	3	Other nonautomated CDC
nonautomated	329	3	Other nonautomated CDC
noncoded	918	97	Injury associated with a noncoded intrus
non-coded	841	3	Other non-coded delta-V (specify)
noncollision	209	36	Noncollision injury
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
non-collision	208	96	(N) Non-collision
non-collision	211	96	(N) Non-collision
noncontact	915	603	Other noncontact injury source
noncontact	917	3	Noncontact injury
non-contact	356	6	Non-contact rollover forces
nondeployed	400	7	Nondeployed
nondeployed	833	7	Nondeployed
nondeployed	835	7	Nondeployed
non-disabling	376	4	Non-disabling 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	508	0	Nonhorizontal force
nonhorizontal	520	0	Nonhorizontal force
non-horizontal	358	996	Non-horizontal impact
non-horizontal	359	996	Non-horizontal impact
non-horizontal	361	6	Other non-horizontal forces
nonincapacitating	863	2	B - nonincapacitating injury
non-interchange	380	0	Non-interchange area and non-junction
non-junction	380	0	Non-interchange area and non-junction
non-metallic	552	2	Non-Metallic
non-metallic	553	2	Non-Metallic
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
non-motorized	827	1	Non-motorized system
nontransported	864	5	Treatment at scene - nontransported

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
normal	813	0	Normal posture
norton	307	75	Norton
november	106	11	November
number	101	*	PSU NUMBER
number	102	*	CASE NUMBER
number	103	*	RECORD NUMBER
number	104	*	VERSION NUMBER
number	105	*	NUM GEN VEH FORMS SUBMIT
number	110	*	NUM EVENTS RECORDED
number	113	*	NUM SERIOUSLY INJ OCC
number	114	*	NUM INJURED OCCUPANTS
number	201	*	PSU NUMBER
number	202	*	CASE NUMBER
number	203	*	RECORD NUMBER
number	204	*	VERSION NUMBER
number	205	*	EVENT SEQUENCE NUMBER
number	206	*	VEHICLE NUMBER (1)
number	209	*	VEH NUM/OBJ CONTACT(2)
number	301	*	PSU NUMBER
number	302	*	CASE NUMBER
number	303	*	RECORD NUMBER
number	304	*	VERSION NUMBER
number	305	*	VEHICLE NUMBER
number	309	7	Hatchback, number of doors unknown
number	351	7	Hatchback, number of doors unknown
number	355	1	Vehicle Number 1
number	382	*	NUMBER OF TRAVEL LANES
number	404	*	NUM SERIOUSLY INJURED
number	405	*	NUMBER INJURED
number	406	*	NUMBER OF OCCUPANTS
number	407	*	NUMBER OCCUPANT FORMS
number	408	*	DELTA V EVENT NUMBER
number	501	*	PSU NUMBER
number	502	*	CASE NUMBER
number	503	*	RECORD NUMBER
number	504	*	VERSION NUMBER
number	505	*	VEHICLE NUMBER
number	601	*	PSU NUMBER
number	602	*	CASE NUMBER
number	603	*	RECORD NUMBER
number	604	*	VERSION NUMBER
number	605	*	VEHICLE NUMBER
number	701	*	PSU NUMBER
number	702	*	CASE NUMBER
number	703	*	RECORD NUMBER
number	704	*	VERSION NUMBER
number	705	*	VEHICLE NUMBER
number	801	*	PSU NUMBER
number	802	*	CASE NUMBER
number	803	*	RECORD NUMBER
number	804	*	VERSION NUMBER
number	805	*	VEHICLE NUMBER
number	806	*	OCCUPANT NUMBER
number	840	*	AIR BAG EVENT NUMBER
number	847	2	Yes (specify number of tether straps)
number	848	2	Yes (specify the number of vent ports)
number	872	*	NUM RECORDED INJURIES

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
number	901	*	PSU NUMBER
number	902	*	CASE NUMBER
number	903	*	RECORD NUMBER
number	904	*	VERSION NUMBER
number	905	*	VEHICLE NUMBER
number	906	*	OCCUPANT NUMBER
number	907	*	INJURY NUMBER
number	918	*	INTRUSION NUMBER
numeric	514	*	DEFORM LOC (1) - NUMERIC
numeric	526	*	DEFORM LOC (2) - NUMERIC
object	209	*	VEH NUM/OBJ CONTACT(2)
object	355	*	ROLLOVER INIT OBJ CONTAC
object	358	998	Impact with object
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
occurrence	550	*	FIRE OCCURRENCE
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
one-step	857	224	One-Step
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	0 - 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)

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
original	838	1	Original manufacturer installed system
ornament	915	505	Hood ornament
orthopedic	857	409	Columbia Orthopedic Seat
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
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)
pa	401	9	I - DUAL FR+HD+SI/PA
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
pass	606	*	PASS COMPART INTEGRITY
pass	826	*	AUTO (PASS) SYSTEM USE
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 side air bag / passenger side
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	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	16	P - Passive (automatic on both sides)
path	376	66	From crossing street - across path

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	121	*	PED CRASH DATA STUDY
pedestrian	209	72	Pedestrian
pedestrian	376	80	Pedestrian in roadway
pedestrian	507	72	Pedestrian
pedestrian	519	72	Pedestrian
peggy	857	238	Peggy
pelvis	919	16	P - Pelvis - hip
perceived	819	2	Removed from vehicle due to perceived se
perfect	857	247	Perfect F.I.T.T.
perforation	920	16	P - Perforation, puncture
performance	335	8	H - Unknown, high performance rating cod
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
peterston	857	220	Peterson Safety Shield
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
playskool	857	253	Playskool Carseat

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
ports	848	*	AIR BAG VENT PORTS
position	375	8	Leaving a parked position
position	812	*	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	*	POSTURE
potential	333	9	Unknown (four wheel drive potential)
pothole	376	5	Poor road conditions (puddle, pothole, i
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
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
preemie	857	407	Preemie Bunting
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
pre-impact	855	14	Retained pre-impact position
premier	857	207	Century 3000, 3500 Premier S.T.E.
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
pride	857	235	Pride Ride - 820 & 830 Series
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	Non-disabling vehicle problem (e.g. hood
prodigy	857	254	Prodigy Kiwi
profile	384	*	ROADWAY PROFILE
program	361	1	Reconstruction program - damage only rou
propane	336	16	P - Propane
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	120	*	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
quick	857	243	Quick Click
quikstep	857	232	Quikstep
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
ranchero	309	10	Auto based pickup (includes El Camino, C
ranchero	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
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	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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
reconstruction	367	0	Reconstruction delta V coded
record	103	*	RECORD NUMBER
record	203	*	RECORD NUMBER
record	303	*	RECORD NUMBER
record	503	*	RECORD NUMBER
record	506	99	No Record
record	508	99	Unknown/No record
record	513	99	Unknown/No record
record	518	99	No Record
record	520	99	Unknown/No record
record	525	99	Unknown/No record
record	546	9	No record
record	547	9	Unknown/No record
record	548	999	Unknown/No record
record	603	*	RECORD NUMBER
record	606	99	Unknown/No record
record	607	9	Unknown/No record
record	608	9	Unknown/No record
record	609	9	Unknown/No record
record	610	9	Unknown/No record
record	611	9	Unknown/No record
record	612	9	Unknown/No record
record	613	9	Unknown/No record
record	614	9	Unknown/No record
record	615	9	Unknown/No record
record	616	9	Unknown/No record
record	617	9	Unknown if damaged/No record
record	618	9	Unknown if damaged/No record
record	619	9	Unknown if damaged/No record
record	620	9	Unknown if damaged/No record
record	621	9	Unknown if damaged/No record
record	622	9	Unknown if damaged/No record
record	623	9	Unknown if damaged/No record
record	624	9	Unknown if damaged/No record
record	703	*	RECORD NUMBER
record	706	99	Unknown/No record
record	707	99	Unknown/No record
record	708	9	Unknown/No record
record	709	9	Unknown/No record
record	710	99	Unknown/No record
record	711	99	Unknown/No record
record	712	9	Unknown/No record
record	713	9	Unknown/No record
record	714	99	Unknown/No record
record	715	99	Unknown/No record
record	716	9	Unknown/No record
record	717	9	Unknown/No record
record	718	99	Unknown/No record
record	719	99	Unknown/No record
record	720	9	Unknown/No record
record	721	9	Unknown/No record
record	722	99	Unknown/No record
record	723	99	Unknown/No record
record	724	9	Unknown/No record
record	725	9	Unknown/No record
record	726	99	Unknown/No record
record	727	99	Unknown/No record

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
record	728	9	Unknown/No record
record	729	9	Unknown/No record
record	730	99	Unknown/No record
record	731	99	Unknown/No record
record	732	9	Unknown/No record
record	733	9	Unknown/No record
record	734	99	Unknown/No record
record	735	99	Unknown/No record
record	736	9	Unknown/No record
record	737	9	Unknown/No record
record	738	99	Unknown/No record
record	739	99	Unknown/No record
record	740	9	Unknown/No record
record	741	9	Unknown/No record
record	742	99	Unknown/No record
record	743	99	Unknown/No record
record	744	9	Unknown/No record
record	745	9	Unknown/No record
record	746	9	Unknown/No record
record	747	9	Unknown/No record
record	748	9	Unknown/No record
record	749	99	Unknown/No record
record	750	99	Unknown/No record
record	751	999	Unknown/No record
record	752	9	Unknown/No record
record	753	9	Unknown/No record
record	803	*	RECORD NUMBER
record	903	*	RECORD NUMBER
record	908	1	Autopsy records with or without hospital
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
redesigned	123	*	REDESIGNED AIR BAG
redesigned	879	1	Not Redesigned
redi-rider	857	231	Redi-Rider
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
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
renolux	857	256	Renolux GT 2000
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
retractor	823	6	Broken retractor
retractor	829	6	Broken retractor
retrofitted	838	2	Retrofitted air bag
returned	378	6	Returned to roadway
ride	857	107	Cosco First Ride
rider	857	311	Tot Rider Quick Step - XL
right	208	2	(R) Right Side
right	211	2	(R) Right Side
right	357	1	Roll right - primarily about longitudina
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	*	ROADWY SURFACE CONDITION
rock	857	112	Rock 'N' Ride
rockit	857	114	Rockit Seat 640
role	811	*	ROLE
roll	357	*	DIRECTION OF INITIAL ROL
rollover	209	31	Overturn - rollover (excludes end-over-e
rollover	352	*	ROLLOVER
rollover	353	*	ROLLOVER INITIATION TYPE
rollover	354	*	LOCATION OF ROLLOVER INI
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	0 - Rollover (includes side)

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
rollover	519	31	Overturn - rollover (excludes end-over-e
rollover	529	15	O - Rollover (includes side)
rollover	568	998	Non horizontal impact (rollover)
rollover	569	998	Non horizontal impact (rollover)
romeo	307	31	Alfa Romeo
ronolux	857	263	Ronolux
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
roundtripper	857	210	Roundtripper
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
royal	309	21	Large van (Sportsman, Royal, Ram, Chevy
royal	351	21	Large van (Sportsman, Royal, Ram, Chevy
rule	857	258	Comfort Rule
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
running	340	*	DAYLIGHT RUNNING LIGHTS
rupture	920	18	R - Rupture

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Item	Var	CV	Variable Name or Code Value
ruptured	845	2	Ruptured
saab	307	47	Saab
safari	309	20	Minivan (Astro, Caravan, Plymouth Vista,
safari	351	20	Minivan (Astro, Caravan, Plymouth Vista,
safe	857	209	Safe & Sound - II
safeline	857	120	Safeline Sit'n'Stroll
safe-t-mate	857	219	Safe-T-Mate
safe-t-rider	857	302	Safe-T-Rider - II, Deluxe
safe-t-seat	857	217	Safe-T-Seat
safe-t-shield	857	218	Safe-T-Shield
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	0	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
scrapped	558	6	Abraded (scrapped)
scrapped	559	6	Abraded (scrapped)
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
seat	812	*	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
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
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
securelock	857	262	Gerry Guard SecureLock
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
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
series	857	229	Teddy Tot Astroseat - 9100/9300 Series
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
seven-year	857	222	Seven-Year Car Seat

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Item	Var	CV	Variable Name or Code Value
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
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	857	212	Cosco Soft Shield - Auto Trac
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
shrubby	209	43	Shrubby or bush
shrubby	355	43	Shrubby or bush
shrubby	507	43	Shrubby or bush
shrubby	519	43	Shrubby or bush
shuddle	857	104	Cuddle Shuddle
shuttle	857	255	Prodigy Shuttle
side	208	2	(R) Right Side
side	211	2	(R) Right Side
side	309	12	Large limousine - more than four side do
side	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	1	A - Active (manual on both sides)
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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)
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
sightseer	857	319	Sightseer
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 <
sit'n'stroll	857	120	Safeline Sit'n'Stroll
sitter	857	249	Baby Sitter
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

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Item	Var	CV	Variable Name or Code Value
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
snowmobile	351	91	Snowmobile
snug	857	111	Snug Seat
sodium	562	13	Sodium metal chloride battery
sodium	563	13	Sodium metal chloride battery
soft	857	212	Cosco Soft Shield - Auto Trac
sound	857	209	Safe & Sound - II
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 (KPH)
speed	369	*	TRAVEL SPEED (KPH)
speed	370	*	IMPACT SPEED
speed	376	51	Traveling in same direction with lower s
spelcast	857	408	SPELCAST
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

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Item	Var	CV	Variable Name or Code Value
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
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
step	857	311	Tot Rider Quick Step - XL
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	120	*	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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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,
studies	119	*	TRAUMA STUDIES
study	121	*	PED CRASH DATA 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
sunvisor	915	3	Sunvisor
super	335	26	Z - Unknown super charged
super	857	223	Bobby Mac - Deluxe II, Champion, Super,
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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/
swinger	857	113	Swinger
switches	915	409	Additional or relocated switches (specif
system	398	2	VIN determined air bag system
system	401	3	C - Air bags on both sides / belt system
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 (PASS) SYSTEM USE
system	827	*	AUTO BELT SYSTEM TYPE
system	828	8	Other improper use of automatic belt sys
system	836	*	AIR BAG SYSTEM FAILURE
system	838	1	Original manufacturer installed system
system	857	404	Carrie Car Seat 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
tandem	857	117	Travel Tandem
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
targa	337	6	Targa roof
targa	338	6	Targa roof
targa	339	6	Targa roof
taxi	327	1	Taxi
t-bar	309	1	Convertible (excludes sun roof, t-bar)
t-bar	351	1	Convertible (excludes sun roof, t-bar)

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
teddy	857	229	Teddy Tot Astroseat - 9100/9300 Series
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)
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
tip-up	857	239	Tip-Up
tire	356	1	Wheels/tires
tire	376	1	Blow out or flat tire
tire	915	453	Other exterior surface or tires
tlc	857	105	Cosco TLC
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
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
tot	857	229	Teddy Tot Astroseat - 9100/9300 Series
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
trac	857	212	Cosco Soft Shield - Auto Trac
track	567	*	ORIGINAL AVE. TRACK WID.
track	826	2	Automatic belt not in use (manually disc

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
transporter	857	412	900 Series Transporter
trauma	119	*	TRAUMA STUDIES
trauma	865	1	Trauma center
travel	369	*	TRAVEL SPEED (KPH)

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
travel	857	117	Travel Tandem
travelall	309	16	Utility station wagon (Chevy Suburban,GM
travelall	351	16	Utility station wagon (Chevy Suburban,GM
traveler	857	260	Traveler 700
traveling	369	0	Stopped vehicle or traveling less than 0
traveling	376	6	Traveling too fast for conditions
trav'ler	857	227	Little Trav'ler - 310, 315
trav-l-ette	857	106	Trav-L-Ette
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	124	*	TRUCK UNDERRIDE
truck	207	30	Compact Pickup truck (< or = 4,536 kgs G
truck	208	4	(B) Back or TDC: back of unit with cargo
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
ultra	857	233	Ultra Ride

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
un	401	8	H - DUAL FR+HD+SI/UN
unconscious	819	1	Removed from vehicle while unconscious o
undeformed	565	*	UNDEFORMED END WIDTH
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	124	*	TRUCK UNDERRIDE
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)
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)

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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)
vario	857	315	Vario
vein	921	1	A - Arteries - veins
vent	560	6	Vent/emission recovery
vent	561	6	Vent/emission recovery
vent	848	*	AIR BAG VENT PORTS
version	104	*	VERSION NUMBER
version	204	*	VERSION NUMBER
version	304	*	VERSION NUMBER
version	504	*	VERSION NUMBER
version	604	*	VERSION NUMBER
version	704	*	VERSION NUMBER
version	804	*	VERSION NUMBER
version	904	*	VERSION NUMBER
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
vest	857	403	E-Z-On Vest
vin	310	*	VIN
vin	311	*	VIN - CHARACTER #1
vin	312	*	VIN - CHARACTER #2
vin	313	*	VIN - CHARACTER #3
vin	314	*	VIN - CHARACTER #4
vin	315	*	VIN - CHARACTER #5
vin	316	*	VIN - CHARACTER #6
vin	317	*	VIN - CHARACTER #7
vin	318	*	VIN - CHARACTER #8
vin	319	*	VIN - CHARACTER #9
vin	320	*	VIN - CHARACTER #10
vin	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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
vista	309	20	Minivan (Astro, Caravan, Plymouth Vista,
vista	351	20	Minivan (Astro, Caravan, Plymouth Vista,
volkswagen	307	30	Volkswagen
volvo	307	51	Volvo
volvo	857	244	Volvo Child Seat
voyager	857	211	Voyager
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
wee	857	240	Wee Care - 500 Series
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
welsh	857	246	Welsh Travel Tot
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
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
wings	857	307	Wings by Bobby Mac
working	867	*	WORKING DAYS LOST
worn	822	3	Shoulder belt worn under arm
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
xl	857	204	Century 400, XL
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

CDS 1999 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
5-pt	857	215	Commuter - 5-Pt
75mph	368	121	121 KPH (75mph)

CDS

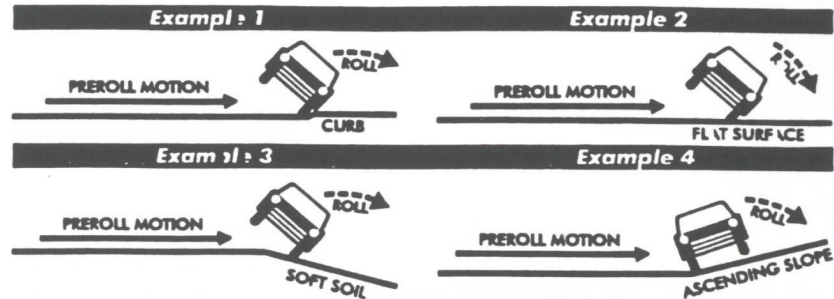
APPENDIX A

Code Values for Variable 353

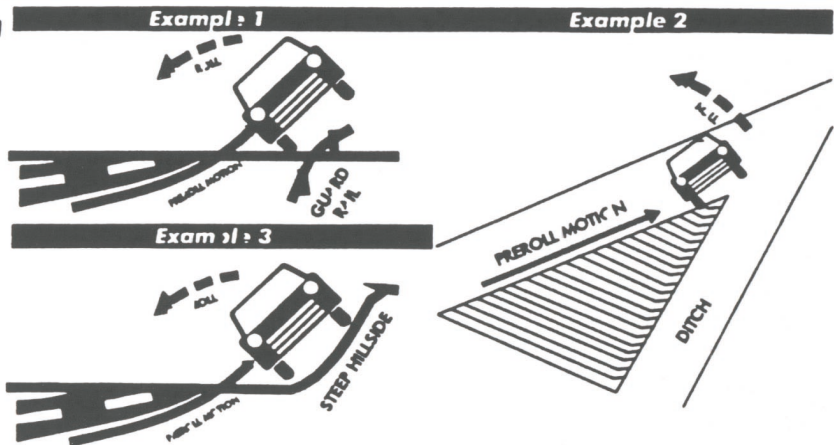
"Rollover Initiation Type"

CODING GUIDE FOR ROLLOVER INITIATION TYPES

01 Trip-Over: Vehicle lateral motion is resisted by opposing force, inducing roll moment.



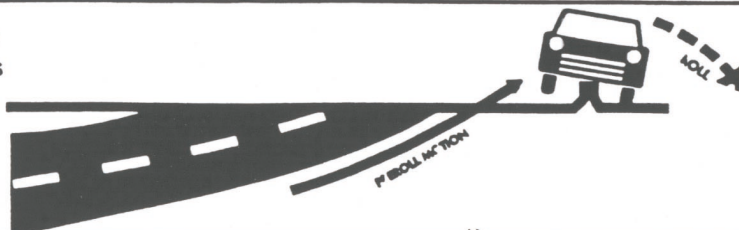
02 Flip-Over: Forward-moving vehicle is vigorously rotated about its longitudinal axis by ramp-like object such as a guardrail taper or ditch back slope.



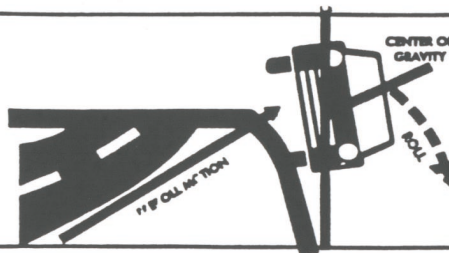
03 Turn Over: Centrifugal forces from a sharply turning or rotating vehicle produce a rollover moment when resisted by surface friction.



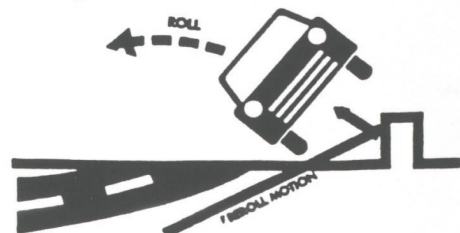
04 Climb-Over: Vehicle climbs up and over fixed object such as barrier.



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.

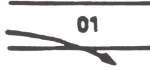
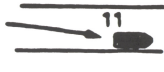
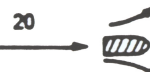
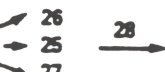
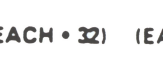
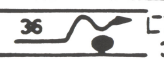
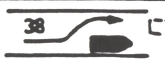
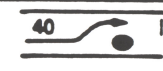
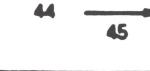
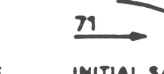
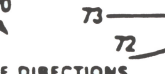
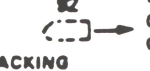


CDS

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	 22 SLOWER 26, 28, 27	 24 DECEL. 29, 30, 31	 26 SPECIFICS OTHER	 28 SPECIFICS UNKNOWN (EACH • 32) (EACH • 33)	
	E Forward Impact	 34 CONTROL/ TRACTION LOSS	 36 CONTROL/ TRACTION LOSS	 38 AVOID COLLISION WITH VEH.	 40 AVOID COLLISION WITH OBJECT	 42 SPECIFICS OTHER (EACH • 42) (EACH • 43)	
	F Sideswipe Angle	 44 SPECIFICS OTHER	 46 SPECIFICS OTHER	 48 SPECIFICS OTHER (EACH • 48)	 49 SPECIFICS UNKNOWN (EACH • 49)		
III Same Trafficway Opposite Direction	G Head-On	 50 LATERAL MOVE	 52 SPECIFICS OTHER (EACH • 52)	 53 SPECIFICS UNKNOWN (EACH • 53)			
	H Forward Impact	 54 CONTROL/ TRACTION LOSS	 56 CONTROL/ TRACTION LOSS	 58 AVOID COLLISION WITH VEH.	 60 AVOID COLLISION WITH OBJECT	 62 SPECIFICS OTHER (EACH • 62) (EACH • 63)	
	I Sideswipe Angle	 64 LATERAL MOVE	 66 SPECIFICS OTHER (EACH • 66)	 67 SPECIFICS UNKNOWN (EACH • 67)			
IV Change Trafficway Vehicle Turning	J Turn Across Path	 68 INITIAL OPPOSITE DIRECTIONS	 70 INITIAL SAME DIRECTIONS	 72 SPECIFICS OTHER (EACH • 74) (EACH • 75)			
	K Turn Into Path	 77 TURN INTO SAME DIRECTION	 79 TURN INTO OPPOSITE DIRECTIONS	 81 SPECIFICS OTHER (EACH • 84) (EACH • 85)	 83 SPECIFICS UNKNOWN		
V Intersecting Paths (Vehicle Damage)	L Straight Paths	 87 SPECIFICS OTHER	 89 SPECIFICS OTHER (EACH • 90)	 90 SPECIFICS UNKNOWN (EACH • 91)			
VI Miscel laneous	M Backing Etc	 92 BACKING VEH.	 93 OTHER VEH. OR OBJECT	 98 Other Accident Type	 99 Unknown Accident Type	 00 No Impact	

