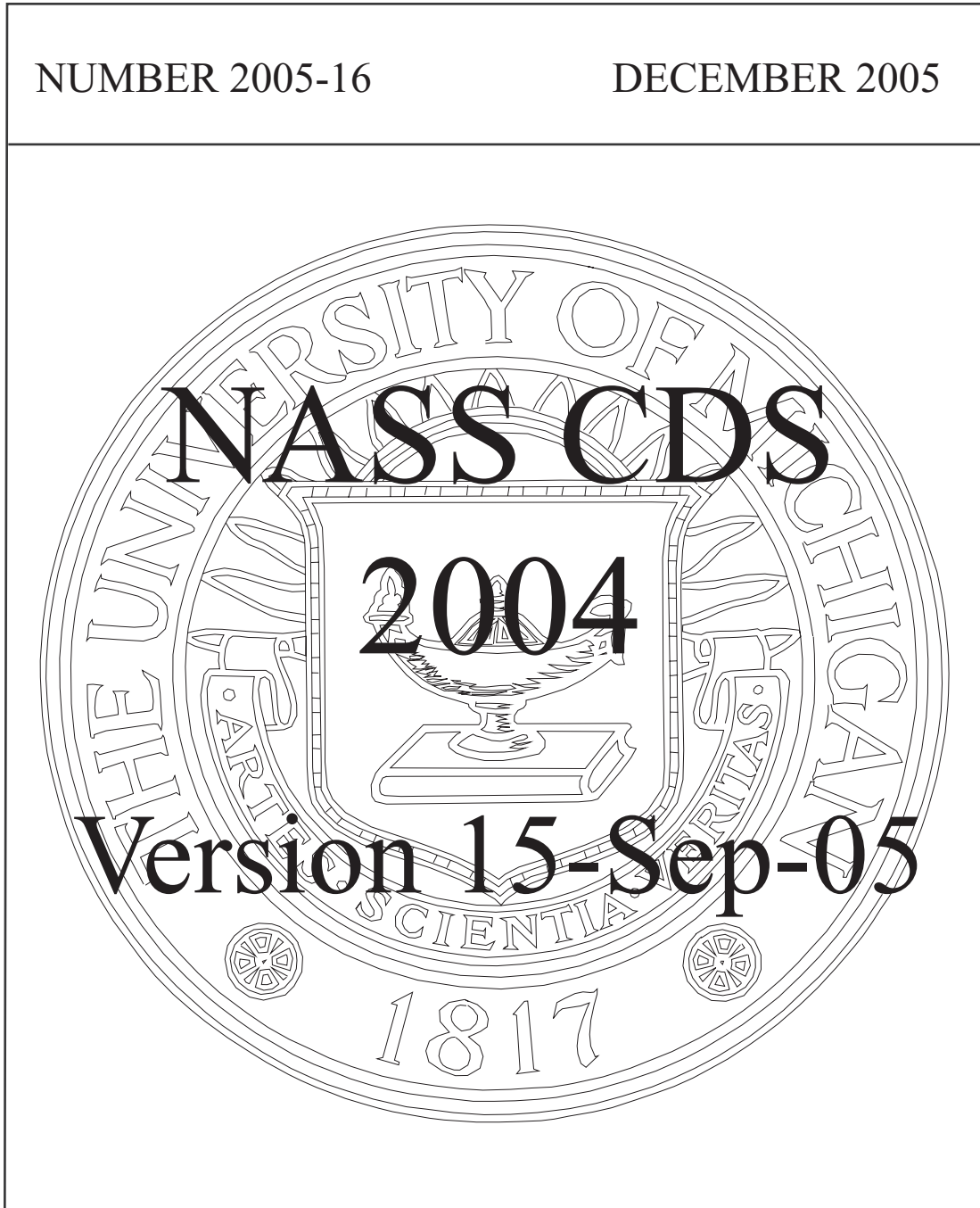


Transportation Data Center
Data Set Codebook

NUMBER 2005-16

DECEMBER 2005



The University of Michigan
Transportation Research Institute

NASS Crashworthiness Data System (CDS)

2004 Code Book - Version 15Sep05

Introduction

This code book documents data sets describing a sample of motor vehicle accidents that occurred in the USA during calendar year 2004. These sets represent the NASS Crashworthiness Data System distribution file dated September 15, 2005. 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 1988-2004 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 2004 motor vehicle accidents for which candidate accidents were chosen with varying probabilities according to a scheme detailed in the Coding and Editing Manual.¹

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

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

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

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

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

by all three damage relations, filler records are substituted whenever one of the damage records is missing. These filler records are indicated by a value of "0" for the corresponding "Record Number" variable (i.e., variable 503, 603, or 703).

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

Characteristics of the NASS 2004 CDS Data Sets

DATA SET	KEY	Freq	VARIABLES
Accident	CDS04ACC	5,597	101-121,201-211
Injury	CDS04INJ	30,839	101-121,201-211,301-408, 501-569,601-648,701-756, 801-878,901-921
Occupant	CDS04OCC	12,275	101-121,201-211,301-408, 501-569,601-648,701-756, 801-878
Two-vehicle acc	CDS04TVA	3,039	101-121,201-211,301-408, 801-878,1301-1408, 1801-1878
Vehicle	CDS04VEH	10,000	101-121,201-211,301-408, 501-569,601-648,701-756

The code book itself is divided into eight sections that document the accident, event, vehicle, damage, occupant, and injury records, respectively. The univariate frequencies and percentages displayed in each section are taken from the corresponding data set: accident and event frequencies from CDS04ACC, vehicle and vehicle damage frequencies from CDS04VEH, occupant frequencies from CDS04OCC, and injury frequencies from CDS04INJ.

The two-vehicle accident data set contains one accident record for every accident involving two vehicles. This record documents accident and first event information as well as vehicle and occupant (for the driver) information for each of the two

involved vehicles. In order to avoid a large amount of duplication, the two-vehicle accident file is not documented directly in this code book. Univariate frequencies are consequently not available. Variable numbers for the data set are as follows:

V101 - V121 - Accident
V201 - V211 - Event #1
V301 - V408 - Vehicle #1
V801 - V878 - Occupant information for Driver #1
V1301 - V1408 - Vehicle #2
V1801 - V1878 - Occupant information for Driver #2

The code book may be used for the definition of variables V100 through V878. Variables V1301 - V1408 have the same definition as V301 - V408, and variables V1801 - V1878 have the same definition as V801 - V878.

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)
2004 - 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	2
106	ACCIDENT MONTH	2	Numeric	2
107	ACCIDENT YEAR	4	Numeric	2
108	ACCIDENT DAY OF WEEK	1	Numeric	3
109	ACCIDENT TIME	4	Numeric	3
110	NUM EVENTS RECORDED	2	Numeric	3
111	MAXIMUM TREATMENT	1	Numeric	4
112	MAXIMUM KNOWN AIS	1	Numeric	4
113	NUM SERIOUSLY INJ OCC	2	Numeric	4
114	NUM INJURED OCCUPANTS	2	Numeric	5
115	ALCOHOL INVOLVEMENT	1	Numeric	5
116	RATIO INFLATION FACTOR	8	Numeric	5
117	DRUG INVOLVEMENT	1	Numeric	5
118	MANNER OF COLLISION	1	Numeric	6
119	PSU STRATRUM	2	Numeric	6
120	IMPACT FIRES	1	Numeric	6
121	AOPSS STUDY	1	Numeric	6

NASS Crashworthiness Data System (CDS)
2004 - 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	8
206	VEHICLE NUMBER (1)	2	Numeric	8
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	10
210	CLASS OF VEHICLE (2)	2	Numeric	11
211	GEN AREA OF DAMAGE (2)	2	Numeric	12

NASS Crashworthiness Data System (CDS)
2004 - 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	45
310	VIN	10	Alphabetic	47
311	VIN - CHARACTER #1	1	Alphabetic	47
312	VIN - CHARACTER #2	1	Alphabetic	48
313	VIN - CHARACTER #3	1	Alphabetic	48
314	VIN - CHARACTER #4	1	Alphabetic	48
315	VIN - CHARACTER #5	1	Alphabetic	48
316	VIN - CHARACTER #6	1	Alphabetic	48
317	VIN - CHARACTER #7	1	Alphabetic	48
318	VIN - CHARACTER #8	1	Alphabetic	48
319	VIN - CHARACTER #9	1	Alphabetic	48
320	VIN - CHARACTER #10	1	Alphabetic	48
321	VIN LENGTH	2	Numeric	48
322	TYPE OF VEH INSPECTION	1	Numeric	49
323	VEHICLE DISPOSITION	1	Numeric	49
324	VEHICLE CURB WEIGHT	3	Numeric	49
325	VEHICLE CARGO WEIGHT	3	Numeric	50
326	TOWED TRAILING UNIT	1	Numeric	50
327	VEHICLE SPECIAL USE	1	Numeric	50
328	FRONT OVERRIDE/UNDERRIDE	1	Numeric	51
329	REAR OVERRIDE/UNDERRIDE	1	Numeric	51
330	ANTILOCK BRAKES	1	Numeric	52
331	FOUR WHEEL DRIVE	2	Numeric	52
332	FRONT WHEEL DRIVE	2	Numeric	52
333	FRONT/REAR WHEEL DRIVE	1	Numeric	53
334	# WHEELS/# DRIVE WHEELS	2	Numeric	53
335	CARBURETION	2	Numeric	53
336	FUEL CODE	2	Numeric	54
337	ROOF	1	Numeric	54
338	OPTIONAL ROOF 1	1	Numeric	55
339	OPTIONAL ROOF 2	1	Numeric	55
340	DAYLIGHT RUNNING LIGHTS	2	Numeric	56
341	VINA SERIES TRUCK	3	Alphabetic	56
342	TYPE OF VEHICLE	2	Numeric	56
343	VIN VEH WEIGHT - CAR	4	Numeric	56
344	VIN MODEL CARS	3	Alphabetic	57
345	VIN BODY TYPE	2	Alphabetic	57
346	VIN MAKE	5	Alphabetic	60
347	VIN MODEL YEAR	4	Numeric	60
348	TRUCK WEIGHT CODE	1	Numeric	60
349	MTRCYCLE ENGINE DISPLACE	4	Numeric	61
350	WEIGHT - OTHER VEHICLE	3	Numeric	61

NASS Crashworthiness Data System (CDS)
2004 - General Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
351	BODY TYPE - OTHER VEH	2	Numeric	61
352	ROLLOVER	2	Numeric	63
353	ROLLOVER INITIATION TYPE	2	Numeric	64
354	LOCATION OF ROLLOVER INI	1	Numeric	65
355	ROLLOVER INIT OBJ CONTAC	2	Numeric	65
356	PRIN TRIP FORCE APPLIED	1	Numeric	66
357	DIRECTION OF INITIAL ROL	1	Numeric	67
358	HEADING ANGLE - THIS VEH	3	Numeric	67
359	HEADING ANGLE - OTH VEH	3	Numeric	67
360	RECONSTRUCT CONFIDENCE	1	Numeric	68
361	BASIS FOR TOTAL DELTA-V	2	Numeric	68
362	TOTAL DELTA-V	3	Numeric	69
363	LONG COMPONENT DELTA-V	4	Numeric	69
364	LAT COMPONENT DELTA-V	4	Numeric	69
365	ENERGY ABSORPTION	4	Numeric	70
366	BARRIER EQUIVALENT SPEED	3	Numeric	70
367	EST HIGHEST DELTA V	1	Numeric	70
368	SPEED LIMIT (KMPH)	3	Numeric	71
369	TRAVEL SPEED (KMPH)	3	Numeric	71
370	IMPACT SPEED	3	Numeric	71
371	ACCIDENT TYPE	2	Numeric	72
372	TRAJECTORY DATA DOC	1	Numeric	72
373	POST COLL TREE/POLE COND	1	Numeric	72
374	DISTRACTION TO DRIVING	2	Numeric	73
375	PRE-EVENT MOVEMENT	2	Numeric	73
376	CRITICAL PRECRASH EVENT	2	Numeric	74
377	PRE-IMPACT STABILITY	1	Numeric	75
378	PRE-IMPACT LOCATION	1	Numeric	76
379	ATTEMPTED AVOID MANEUVER	2	Numeric	76
380	RELATION TO INTERCHANGE	1	Numeric	77
381	TRAFFICWAY FLOW	1	Numeric	77
382	NUMBER OF TRAVEL LANES	1	Numeric	77
383	ROADWAY ALIGNMENT	1	Numeric	78
384	ROADWAY PROFILE	1	Numeric	78
385	ROADWAY SURFACE TYPE	1	Numeric	78
386	ROADWAY SURFACE CONDITION	1	Numeric	78
387	LIGHT CONDITIONS	1	Numeric	79
388	ATMOSPHERIC CONDITIONS	1	Numeric	79
389	TRAFFIC CONTROL DEVICE	1	Numeric	79
390	CONTROL DEVICE FUNCTION	1	Numeric	80
391	DRIVER PRESENCE	1	Numeric	80
392	ALCOHOL PRESENCE	1	Numeric	81
393	ALCOHOL TEST RESULT	2	Numeric	81
394	OTHER DRUG PRESENCE	1	Numeric	81
395	OTH DRUG - SPECIMEN TEST	1	Numeric	82
396	DRIVER'S ZIP CODE	5	Numeric	82
397	DRIVER'S RACE/ETHNIC	1	Numeric	82
398	AOPS VEHICLE	1	Numeric	83
399	AIR BAG DEPLOY 1ST SEAT	1	Numeric	83
400	AIR BAG DEPLOY OTH SEAT	1	Numeric	83

NASS Crashworthiness Data System (CDS)
2004 - General Vehicle

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
401	RESTRAINT TYPE	2	Numeric	84
402	MAXIMUM TREATMENT	1	Numeric	85
403	MAXIMUM KNOWN AIS	1	Numeric	85
404	NUM SERIOUSLY INJURED	2	Numeric	86
405	NUMBER INJURED	2	Numeric	86
406	NUMBER OF OCCUPANTS	2	Numeric	86
407	NUMBER OCCUPANT FORMS	2	Numeric	87
408	DELTA V EVENT NUMBER	2	Numeric	87

NASS Crashworthiness Data System (CDS)
2004 - Exterior Damage

Variable Number	Variable Name	Width	Storage Type	Page Number
501	PSU NUMBER	2	Numeric	89
502	CASE NUMBER	4	Alphabetic	89
503	RECORD NUMBER	2	Numeric	89
504	VERSION NUMBER	2	Numeric	89
505	VEHICLE NUMBER	2	Numeric	89
506	ACCIDENT SEQUENCE (1)	2	Numeric	90
507	OBJECT CONTACTED (1)	2	Numeric	90
508	DIRECTION OF FORCE (1)	2	Numeric	91
509	DEFORMATION LOCATION (1)	1	Alphabetic	93
510	LONG/LAT LOCATION (1)	1	Alphabetic	93
511	VERT/LAT LOCATION (1)	1	Alphabetic	93
512	TYPE OF DISTRIB (1)	1	Alphabetic	93
513	DEFORMATION EXTENT (1)	2	Numeric	93
514	DEFORM LOC (1) - NUMERIC	2	Numeric	94
515	LONG/LAT LOC (1)-NUMERIC	2	Numeric	94
516	VERT/LAT LOC (1)-NUMERIC	2	Numeric	95
517	TYPE OF DISTRIB (1)-NUM	2	Numeric	96
518	ACCIDENT SEQUENCE (2)	2	Numeric	96
519	OBJECT CONTACTED (2)	2	Numeric	96
520	DIRECTION OF FORCE (2)	2	Numeric	98
521	DEFORMATION LOCATION (2)	1	Alphabetic	98
522	LONG/LAT LOCATION (2)	1	Alphabetic	99
523	VERT/LAT LOCATION (2)	1	Alphabetic	99
524	TYPE OF DISTRIB (2)	1	Alphabetic	99
525	DEFORMATION EXTENT (2)	2	Numeric	99
526	DEFORM LOC (2) - NUMERIC	2	Numeric	100
527	LONG/LAT LOC (2)-NUMERIC	2	Numeric	100
528	VERT/LAT LOC (2)-NUMERIC	2	Numeric	101
529	TYPE OF DISTRIB (2)-NUM	2	Numeric	102
530	HIGHEST DELTA-V - "L"	3	Numeric	102
531	HIGHEST DELTA-V - "C1"	3	Numeric	102
532	HIGHEST DELTA-V - "C2"	3	Numeric	103
533	HIGHEST DELTA-V - "C3"	3	Numeric	103
534	HIGHEST DELTA-V - "C4"	3	Numeric	103
535	HIGHEST DELTA-V - "C5"	3	Numeric	103
536	HIGHEST DELTA-V - "C6"	3	Numeric	103
537	HIGHEST DELTA-V - "D"	4	Numeric	103
538	SECOND DELTA-V - "L"	3	Numeric	103
539	SECOND DELTA-V - "C1"	3	Numeric	104
540	SECOND DELTA-V - "C2"	3	Numeric	104
541	SECOND DELTA-V - "C3"	3	Numeric	104
542	SECOND DELTA-V - "C4"	3	Numeric	104
543	SECOND DELTA-V - "C5"	3	Numeric	104
544	SECOND DELTA-V - "C6"	3	Numeric	104
545	SECOND DELTA-V - "D"	4	Numeric	104
546	CDC'S DOC/NOT CODED	1	Numeric	105
547	VEHICLE DISPOSITION	1	Numeric	105
548	ORIGINAL WHEELBASE	3	Numeric	105
549	MULTI-STAGE VEHICLE	1	Numeric	105
550	FIRE OCCURRENCE	1	Numeric	106

NASS Crashworthiness Data System (CDS)
2004 - Exterior Damage

Variable Number	Variable Name	Width	Storage Type	Page Number
551	ORIGIN OF FIRE	1	Numeric	106
552	TYPE OF FUEL TANK 1	1	Numeric	106
553	TYPE OF FUEL TANK 2	1	Numeric	107
554	FUEL TANK 1 LOCATION	1	Numeric	107
555	FUEL TANK 2 LOCATION	1	Numeric	107
556	FUEL TANK 1 FILLER CAP	1	Numeric	108
557	FUEL TANK 2 FILLER CAP	1	Numeric	108
558	FUEL TANK 1 DAMAGE	1	Numeric	109
559	FUEL TANK 2 DAMAGE	1	Numeric	109
560	LOCATION OF FUEL 1 LEAK	1	Numeric	109
561	LOCATION OF FUEL 2 LEAK	1	Numeric	110
562	FUEL TYPE 1	2	Numeric	110
563	FUEL TYPE 2	2	Numeric	111
564	MORE THAN 2 FUEL TANKS	1	Numeric	111
565	UNDEFORMED END WIDTH	3	Numeric	112
566	DIRECT DAMAGE WIDTH	3	Numeric	112
567	ORIGINAL AVE. TRACK WID.	3	Numeric	113
568	PDOF1-CLOCK DEGREES	3	Numeric	113
569	PDOF2-CLOCK DEGREES	3	Numeric	113

NASS Crashworthiness Data System (CDS)
2004 - Interior Damage A

Variable Number	Variable Name	Width	Storage Type	Page Number
601	PSU NUMBER	2	Numeric	115
602	CASE NUMBER	4	Alphabetic	115
603	RECORD NUMBER	2	Numeric	115
604	VERSION NUMBER	2	Numeric	115
605	VEHICLE NUMBER	2	Numeric	116
606	PASS COMPART INTEGRITY	2	Numeric	116
607	DOOR/GATE/HATCH OPN - LF	1	Numeric	117
608	DOOR/GATE/HATCH OPN - RF	1	Numeric	117
609	DOOR/GATE/HATCH OPN - LR	1	Numeric	117
610	DOOR/GATE/HATCH OPN - RR	1	Numeric	118
611	DOOR/GATE/HATCH OPN - TG	1	Numeric	118
612	DOOR/GATE/HATCH DAM - LF	1	Numeric	118
613	DOOR/GATE/HATCH DAM - RF	1	Numeric	119
614	DOOR/GATE/HATCH DAM - LR	1	Numeric	119
615	DOOR/GATE/HATCH DAM - RR	1	Numeric	120
616	DOOR/GATE/HATCH DAM - TG	1	Numeric	120
617	IMPACT GLAZING DAM - WS	1	Numeric	121
618	IMPACT GLAZING DAM - LF	1	Numeric	121
619	IMPACT GLAZING DAM - RF	1	Numeric	121
620	IMPACT GLAZING DAM - LR	1	Numeric	122
621	IMPACT GLAZING DAM - RR	1	Numeric	122
622	IMPACT GLAZING DAM - BL	1	Numeric	123
623	IMPACT GLAZING DAM - RO	1	Numeric	123
624	IMPACT GLAZING DAM - OTH	1	Numeric	123
625	CONTACT GLAZING DAM - WS	1	Numeric	124
626	CONTACT GLAZING DAM - LF	1	Numeric	124
627	CONTACT GLAZING DAM - RF	1	Numeric	125
628	CONTACT GLAZING DAM - LR	1	Numeric	125
629	CONTACT GLAZING DAM - RR	1	Numeric	126
630	CONTACT GLAZING DAM - BL	1	Numeric	126
631	CONTACT GLAZING DAM - RO	1	Numeric	127
632	CONTACT GLAZING DAM - OT	1	Numeric	127
633	TYPE OF GLAZING - WS	1	Numeric	128
634	TYPE OF GLAZING - LF	1	Numeric	128
635	TYPE OF GLAZING - RF	1	Numeric	128
636	TYPE OF GLAZING - LR	1	Numeric	129
637	TYPE OF GLAZING - RR	1	Numeric	129
638	TYPE OF GLAZING - BL	1	Numeric	130
639	TYPE OF GLAZING - RO	1	Numeric	130
640	TYPE OF GLAZING - OT	1	Numeric	130
641	WIN PRECRASH STAT - WS	1	Numeric	131
642	WIN PRECRASH STAT - LF	1	Numeric	131
643	WIN PRECRASH STAT - RF	1	Numeric	132
644	WIN PRECRASH STAT - LR	1	Numeric	132
645	WIN PRECRASH STAT - RR	1	Numeric	132
646	WIN PRECRASH STAT - BL	1	Numeric	133
647	WIN PRECRASH STAT - RO	1	Numeric	133
648	WIN PRECRASH STAT - OT	1	Numeric	133

NASS Crashworthiness Data System (CDS)
2004 - Interior Damage B

Variable Number	Variable Name	Width	Storage Type	Page Number
701	PSU NUMBER	2	Numeric	135
702	CASE NUMBER	4	Alphabetic	135
703	RECORD NUMBER	2	Numeric	135
704	VERSION NUMBER	2	Numeric	135
705	VEHICLE NUMBER	2	Numeric	136
706	INTRUSION LOCATION (1)	2	Numeric	136
707	INTRUDING COMPONENT (1)	2	Numeric	136
708	INTRUSION MAGNITUDE (1)	1	Numeric	137
709	CRUSH DIRECTION (1)	1	Numeric	138
710	INTRUSION LOCATION (2)	2	Numeric	138
711	INTRUDING COMPONENT (2)	2	Numeric	139
712	INTRUSION MAGNITUDE (2)	1	Numeric	140
713	CRUSH DIRECTION (2)	1	Numeric	140
714	INTRUSION LOCATION (3)	2	Numeric	140
715	INTRUDING COMPONENT (3)	2	Numeric	141
716	INTRUSION MAGNITUDE (3)	1	Numeric	142
717	CRUSH DIRECTION (3)	1	Numeric	142
718	INTRUSION LOCATION (4)	2	Numeric	143
719	INTRUDING COMPONENT (4)	2	Numeric	143
720	INTRUSION MAGNITUDE (4)	1	Numeric	144
721	CRUSH DIRECTION (4)	1	Numeric	144
722	INTRUSION LOCATION (5)	2	Numeric	145
723	INTRUDING COMPONENT (5)	2	Numeric	145
724	INTRUSION MAGNITUDE (5)	1	Numeric	146
725	CRUSH DIRECTION (5)	1	Numeric	147
726	INTRUSION LOCATION (6)	2	Numeric	147
727	INTRUDING COMPONENT (6)	2	Numeric	147
728	INTRUSION MAGNITUDE (6)	1	Numeric	148
729	CRUSH DIRECTION (6)	1	Numeric	149
730	INTRUSION LOCATION (7)	2	Numeric	149
731	INTRUDING COMPONENT (7)	2	Numeric	150
732	INTRUSION MAGNITUDE (7)	1	Numeric	151
733	CRUSH DIRECTION (7)	1	Numeric	151
734	INTRUSION LOCATION (8)	2	Numeric	151
735	INTRUDING COMPONENT (8)	2	Numeric	152
736	INTRUSION MAGNITUDE (8)	1	Numeric	153
737	CRUSH DIRECTION (8)	1	Numeric	153
738	INTRUSION LOCATION (9)	2	Numeric	154
739	INTRUDING COMPONENT (9)	2	Numeric	154
740	INTRUSION MAGNITUDE (9)	1	Numeric	155
741	CRUSH DIRECTION (9)	1	Numeric	155
742	INTRUSION LOCATION (10)	2	Numeric	156
743	INTRUDING COMPONENT (10)	2	Numeric	156
744	INTRUSION MAGNITUDE (10)	1	Numeric	157
745	CRUSH DIRECTION (10)	1	Numeric	158
746	STEERING COLUMN TYPE	1	Numeric	158
747	STEERING COLUMN TILT	1	Numeric	158
748	STEERING COLUMN TELESCOP	1	Numeric	159
749	RIM/SPOKE DEFORMATION	2	Numeric	159
750	RIM/SPOKE DEF LOCATION	2	Numeric	159

NASS Crashworthiness Data System (CDS)
2004 - Interior Damage B

<u>Variable Number</u>	<u>Variable Name</u>	<u>Width</u>	<u>Storage Type</u>	<u>Page Number</u>
751	ODOMETER READING	3	Numeric	160
752	INSTRUMENT PANEL DAMAGE	1	Numeric	160
753	KNEE BOLSTER TYPE	1	Numeric	160
754	KNEE BOLSTERS DEFORMED	1	Numeric	161
755	GLOVE COMPART DOOR OPEN	1	Numeric	161
756	ADAPTIVE TECHNOLOGY	1	Numeric	161

NASS Crashworthiness Data System (CDS)
2004 - Occupant Assessment

Variable Number	Variable Name	Width	Storage Type	Page Number
801	PSU NUMBER	2	Numeric	163
802	CASE NUMBER	4	Alphabetic	163
803	RECORD NUMBER	2	Numeric	163
804	VERSION NUMBER	2	Numeric	163
805	VEHICLE NUMBER	2	Numeric	163
806	OCCUPANT NUMBER	2	Numeric	164
807	AGE	2	Numeric	164
808	SEX	1	Numeric	164
809	HEIGHT	3	Numeric	165
810	WEIGHT	3	Numeric	165
811	OCCUPANT'S ROLE	1	Numeric	165
812	OCCUPANT'S SEAT POSITION	2	Numeric	166
813	OCCUPANT'S POSTURE	2	Numeric	166
814	EJECTION	1	Numeric	167
815	EJECTION AREA	1	Numeric	167
816	EJECTION MEDIUM	1	Numeric	167
817	MEDIUM STATUS	1	Numeric	168
818	ENTRAPMENT	1	Numeric	168
819	OCCUPANT MOBILITY	1	Numeric	168
820	MANUAL BELT AVAILABILITY	1	Numeric	169
821	MANUAL BELT USE	2	Numeric	169
822	MANUAL BELT PROPER USE	1	Numeric	170
823	MANUAL BELT FAILURE	1	Numeric	170
824	SHOULDER BELT ANCHOR ADJ	1	Numeric	170
825	AUTO RESTRAINT AVAILABLE	1	Numeric	171
826	AUTO (PASSIV) SYSTEM USE	1	Numeric	171
827	AUTO BELT SYSTEM TYPE	1	Numeric	171
828	PROPER USE OF AUTO BELT	1	Numeric	172
829	AUTO BELT FAILURE MODES	1	Numeric	172
830	PAR RESTRAINT USE	1	Numeric	172
831	AIR BAG AVAIL/FUN POLICE	1	Numeric	173
832	AIR BAG AVAIL/FUNCTION	1	Numeric	173
833	AIR BAG DEPLOYMENT	1	Numeric	173
834	AB AVAIL/OTHER	1	Numeric	174
835	AIR BAG DEPLOY/OTHER	1	Numeric	174
836	AIR BAG SYSTEM FAILURE	1	Numeric	174
837	AB DEPLOY/PREVIOUS ACC	1	Numeric	175
838	AIR BAG TYPE	1	Numeric	175
839	AIR BAG MAINTENANCE	1	Numeric	175
840	AIR BAG EVENT NUMBER	2	Numeric	176
841	CDC OF AIR BAG DEPLOY	1	Numeric	176
842	AB ASSOC LONG DELTA V	4	Numeric	177
843	AB FLAPS OPEN CORRECTLY	1	Numeric	177
844	AB FLAPS DAMAGED	1	Numeric	177
845	AB DAMAGED	2	Numeric	178
846	AB DAMAGE SOURCE	2	Numeric	178
847	AB TETHERED	1	Numeric	179
848	AIR BAG VENT PORTS	1	Numeric	179
849	AB CONTACTED BY OTHER OC	1	Numeric	180
850	EYEWEAR WORN	1	Numeric	180

NASS Crashworthiness Data System (CDS)
2004 - Occupant Assessment

Variable Number	Variable Name	Width	Storage Type	Page Number
851	HEAD RESTRAINT TYPE/DAM	1	Numeric	181
852	SEAT TYPE	2	Numeric	181
853	SEAT ORIENTATION	1	Numeric	181
854	SEAT TRACK	1	Numeric	182
855	SEAT BACK INCLINE	2	Numeric	182
856	SEAT PERFORMANCE	1	Numeric	183
857	CHILD SEAT MAKE/MODEL	3	Numeric	184
858	CHILD SEAT TYPE	1	Numeric	185
859	CHILD SEAT ORIENTATION	2	Numeric	186
860	CHILD SEAT HARNESS USE	2	Numeric	186
861	CHILD SEAT SHIELD USE	2	Numeric	187
862	CHILD SEAT TETHER USE	2	Numeric	188
863	INJURY SEVERITY	1	Numeric	188
864	TREATMENT/MORTALITY	1	Numeric	189
865	TYPE OF MEDICAL FACILITY	1	Numeric	189
866	HOSPITAL STAY	2	Numeric	189
867	WORKING DAYS LOST	2	Numeric	190
868	TIME TO DEATH	2	Numeric	190
869	CAUSE OF DEATH-1-MED REP	2	Numeric	190
870	CAUSE OF DEATH-2-MED REP	2	Numeric	191
871	CAUSE OF DEATH-3-MED REP	2	Numeric	191
872	NUM RECORDED INJURIES	2	Numeric	191
873	GLASGOW COMA SCALE SCORE	2	Numeric	192
874	WAS OCCUPANT GIVEN BLOOD	1	Numeric	192
875	ARTERIAL BLOOD GASES	2	Numeric	192
876	BELT USE DETERMINATION	1	Numeric	193
877	MAXIMUM KNOWN AIS	1	Numeric	193
878	INJURY SEVERITY SCORE	2	Numeric	194

NASS Crashworthiness Data System (CDS)
2004 - Occupant Injury

Variable Number	Variable Name	Width	Storage Type	Page Number
901	PSU NUMBER	2	Numeric	195
902	CASE NUMBER	4	Alphabetic	195
903	RECORD NUMBER	2	Numeric	195
904	VERSION NUMBER	2	Numeric	195
905	VEHICLE NUMBER	2	Numeric	195
906	OCCUPANT NUMBER	2	Numeric	196
907	INJURY NUMBER	2	Numeric	196
908	INJURY DATA SOURCE	1	Numeric	196
909	BODY REGION - AIS90	1	Numeric	197
910	ASPECT - AIS90	1	Numeric	197
911	TYPE OF ANATOMIC STRUCT	1	Numeric	197
912	SPECIFIC ANATOMIC STRUCT	2	Numeric	198
913	LEVEL OF INJURY	2	Numeric	199
914	AIS SEVERITY	1	Numeric	199
915	INJURY SOURCE	3	Numeric	199
916	CONFIDENCE LEVEL	1	Numeric	203
917	DIRECT/INDIRECT INJURY	1	Numeric	203
918	INTRUSION NUMBER	2	Numeric	203
919	OIC - BODY REGION	2	Numeric	204
920	OIC - LESION	2	Numeric	204
921	OIC - SYSTEM ORGAN	2	Numeric	205

<u>Variable 105</u>	<u>NUM GEN VEH FORMS SUBMIT</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEHFORMS

Number of General Vehicle forms submitted

15Sep05	Prcnt	Code	Value and Description
1958	35.0	1	1 vehicle form
3039	54.3	2	2 vehicle forms
470	8.4	3	3 vehicle forms
104	1.9	4	4 vehicle forms
20	0.4	5	5 vehicle forms
4	0.1	6	6 vehicle forms
2	0.0	7	7 vehicle forms

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

NHTSA SAS Variable - MONTH

15Sep05	Prcnt	Code	Value and Description
429	7.7	1	January
449	8.0	2	February
533	9.5	3	March
506	9.0	4	April
490	8.8	5	May
480	8.6	6	June
605	10.8	7	July
531	9.5	8	August
489	8.7	9	September
389	7.0	10	October
334	6.0	11	November
362	6.5	12	December

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

NHTSA SAS Variable - YEAR

15Sep05	Prcnt	Code	Value and Description
5597	100.0	2004	2004

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

NHTSA SAS Variable - DAYWEEK

15Sep05	Prcnt	Code	Value and Description
759	13.6	1	Sunday
757	13.5	2	Monday
753	13.5	3	Tuesday
793	14.2	4	Wednesday
759	13.6	5	Thursday
888	15.9	6	Friday
888	15.9	7	Saturday

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

NHTSA SAS Variable - TIME

Accident time of day - 2400-hour clock

15Sep05	Prcnt	Code	Value and Description
8	0.1	1	12:01 am
		-	
1	0.0	2359	11:59 pm
4	0.1	2400	Midnight
24	0.4	9999	Unknown

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

NHTSA SAS Variable - EVENTS

Number of events recorded in the accident

15Sep05	Prcnt	Code	Value and Description
2906	51.9	1	
		-	Number of events
1	0.0	17	

<u>Variable 111</u>	<u>MAXIMUM TREATMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ATREAT

15Sep05	Prcnt	Code	Value and Description
1391	24.9	0	No treatment
390	7.0	1	Fatal
16	0.3	2	Fatal - ruled disease
1390	24.8	3	Hospitalization
2042	36.5	4	Transported and released
60	1.1	5	Treatment at scene
155	2.8	6	Treatment later
1	0.0	7	Treatment - other
67	1.2	8	Transported to a medical facility - unknown if treated
85	1.5	9	Unknown

<u>Variable 112</u>	<u>MAXIMUM KNOWN AIS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - AAIS

15Sep05	Prcnt	Code	Value and Description
1176	21.0	0	Not injured
2303	41.1	1	Minor injury
660	11.8	2	Moderate injury
597	10.7	3	Serious injury
255	4.6	4	Severe injury
212	3.8	5	Critical injury
77	1.4	6	Maximum (untreatable) injury
237	4.2	7	Injury, unknown severity
80	1.4	9	Unknown if injured

<u>Variable 113</u>	<u>NUM SERIOUSLY INJ OCC</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - AINJSER

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

15Sep05	Prcnt	Code	Value and Description
4407	78.7	0	None
966	17.3	1	- Number of persons
1	0.0	7	
1	0.0	99	Unknown

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

NHTSA SAS Variable - AINJURED

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

15Sep05	Prcnt	Code	Value and Description
1255	22.4	0	None
2303	41.1	1	
		-	Number of persons
1	0.0	15	
1	0.0	99	Unknown

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

NHTSA SAS Variable - ALCINV

Was alcohol involved in the accident?

15Sep05	Prcnt	Code	Value and Description
908	16.2	1	Yes
3860	69.0	2	No
829	14.8	9	Unknown

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

NHTSA SAS Variable - RATWGT

Case sample weight assigned to each case representing the probability of sampling.

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

NHTSA SAS Variable - DRGINV

Was drug usage involved in the accident?

15Sep05	Prcnt	Code	Value and Description
419	7.5	1	Yes
3803	67.9	2	No
1375	24.6	9	Not Coded

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

NHTSA SAS Variable - MANCOLL

15Sep05	Prcnt	Code	Value and Description
2027	36.2	0	Not collision with vehicle in transport
886	15.8	1	Rear-end
228	4.1	2	Head-on
2066	36.9	4	Angle
170	3.0	5	Sideswipe, same direction
131	2.3	6	Sideswipe, opposite direction
89	1.6	9	Unknown

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

NHTSA SAS Variable - STRATIF

15Sep05	Prcnt	Code	Value and Description
300	5.4	1	
		-	
327	5.8	12	

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

NHTSA SAS Variable - FIRESTDY

Impact Fires Crash Data Study

15Sep05	Prcnt	Code	Value and Description
5597	100.0	0	No
0	0.0	1	Yes

Variable 121	AOPSS STUDY	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - AOPSS

Advanced Occupant Protection Special Study

15Sep05	Prcnt	Code	Value and Description
5597	100.0	0	No

The ACCIDENT EVENT SEQUENCE Variables
Variables 201 through 211 describe the accident first event
sequence.

<u>Variable 201</u>	<u>PSU NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PSU

<u>Variable 202</u>	<u>CASE NUMBER</u>	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - CASEID

<u>Variable 203</u>	<u>RECORD NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variables Casekey 4 and Casekey 5

15Sep05 Prcnt	Code Value and Description
5597 100.0	2 Event record

<u>Variable 204</u>	<u>VERSION NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VERSION

15Sep05 Prcnt	Code Value and Description
5597 100.0	17 Version 17

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

NHTSA SAS Variable - ACCSEQ

Chronological sequence of events in the accident

15Sep05	Prcnt	Code	Value and Description
5597	100.0	1	1st event

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

NHTSA SAS Variable - VEHNUM

15Sep05	Prcnt	Code	Value and Description
5237	93.6	1	Vehicle #1
311	5.6	2	Vehicle #2
36	0.6	3	Vehicle #3
11	0.2	4	Vehicle #4
2	0.0	5	Vehicle #5

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

NHTSA SAS Variable - CLASS1

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	Not a motor vehicle
556	9.9	1	Subcompact/mini (wheelbase < 254 cm)
1150	20.5	2	Compact (wheelbase => 254 but < 265 cm)
1150	20.5	3	Intermediate (wheelbase => 265 but < 278 cm)
454	8.1	4	Full size (wheelbase => 278 but < 291 cm)
180	3.2	5	Largest (wheelbase > or = 291 cm)
41	0.7	9	Unknown passenger car size
703	12.6	14	Compact utility vehicle
160	2.9	15	Large utility vehicle (< or = 4,536 kgs GVWR)
33	0.6	16	Utility station wagon (< or = 4,536 kgs GVWR)
4	0.1	19	Unknown utility type
295	5.3	20	Minivan (< or = 4,536 kgs GVWR)
101	1.8	21	Large van (< or = 4,536 kgs GVWR)
0	0.0	24	Van based school bus (< or = 4,536 kgs GVWR)
10	0.2	28	Other van type (< or = 4,536 kgs GVWR)
1	0.0	29	Unknown van type (< or = 4,536 kgs GVWR)
304	5.4	30	Compact Pickup truck (< or = 4,536 kgs GVWR)
416	7.4	31	Large Pickup truck (< or = 4,536 kgs GVWR)
3	0.1	38	Other Pickup truck (< or = 4,536 kgs GVWR)

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

15Sep05	Prcnt	Code	Value and Description
9	0.2	39	Unknown Pickup truck (< or = 4,536 kgs GVWR)
5	0.1	45	Other light truck (< or = 4,536 kgs GVWR)
0	0.0	48	Unknown light truck (< or = 4,536 kgs GVWR)
0	0.0	49	Unknown light vehicle type
0	0.0	50	School bus (excludes van based) (> 4,536 kgs GVWR)
1	0.0	58	Other bus (> 4,536 kgs GVWR)
0	0.0	59	Unknown bus type
6	0.1	60	Truck (> 4,536 kgs GVWR)
0	0.0	67	Tractor without trailer
9	0.2	68	Tractor-trailer(s)
3	0.1	78	Unknown medium/heavy truck type
0	0.0	79	Unknown light/medium/heavy truck type
2	0.0	80	Motored cycle
0	0.0	90	Other vehicle
1	0.0	99	Unknown

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

NHTSA SAS Variable - GADEV1

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	(0) Not a motor vehicle
3520	62.9	1	(F) Front
758	13.5	2	(R) Right Side
734	13.1	3	(L) Left Side
220	3.9	4	(B) Back or TDC: back of unit with cargo area (rear of trailer or straight truck)
0	0.0	5	(D) Back (rear of tractor)
0	0.0	6	(C) Rear of cab
0	0.0	7	(V) Front of cargo area
252	4.5	8	(T) Top
85	1.5	9	(U) Undercarriage
3	0.1	96	(N) Noncollision
25	0.4	99	(9) Unknown

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

NHTSA SAS Variable - OBJCONT

Vehicle or object contacted

15Sep05	Prcnt	Code	Value and Description
293	5.2	1	Vehicle Number 1
3184	56.9	2	Vehicle Number 2
76	1.4	3	Vehicle Number 3
14	0.3	4	Vehicle Number 4
2	0.0	6	Vehicle Number 6
1	0.0	7	Vehicle Number 7
Noncollision			
301	5.4	31	Overturn - rollover (excludes end-over-end)
0	0.0	32	Rollover - end-over-end
0	0.0	33	Fire or explosion
0	0.0	34	Jackknife
0	0.0	35	Other intraunit damage
0	0.0	36	Noncollision injury
3	0.1	38	Other noncollision
0	0.0	39	Noncollision - details unknown
Collision with fixed object			
54	1.0	41	Tree (< or = 10 cm in diameter)
235	4.2	42	Tree (> 10 cm in diameter)
19	0.3	43	Shrubbery or bush
95	1.7	44	Embankment
57	1.0	45	Breakaway pole or post (any diameter)
Nonbreakaway pole or post			
95	1.7	50	Pole or post (< or = 10 cm in diameter)
139	2.5	51	Pole or post (> 10 or < or = 30 cm in diameter)
60	1.1	52	Pole or post (> 30 cm in diameter)
13	0.2	53	Pole, post - diameter unknown
124	2.2	54	Concrete traffic barrier
5	0.1	55	Impact attenuator
172	3.1	56	Other traffic barrier (includes guardrail)
45	0.8	57	Fence
22	0.4	58	Wall
17	0.3	59	Building
81	1.4	60	Ditch or culvert
24	0.4	61	Ground
10	0.2	62	Fire hydrant
145	2.6	63	Curb
12	0.2	64	Bridge
84	1.5	68	Other fixed object
0	0.0	69	Unknown fixed object
Collision with nonfixed object			
118	2.1	70	Passenger car, light truck, van or other vehicle not in-transport

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

15Sep05	Prcnt	Code	Value and Description
15	0.3	71	Medium/heavy truck or bus not in-transport
5	0.1	72	Pedestrian
1	0.0	73	Cyclist or cycle
0	0.0	74	Other nonmotorist or conveyance
0	0.0	75	Vehicle occupant
19	0.3	76	Animal
4	0.1	77	Train
1	0.0	78	Trailer, disconnected in transport
7	0.1	79	Object fell from vehicle in transport
40	0.7	88	Other nonfixed object
2	0.0	89	Unknown nonfixed object
1	0.0	98	Other event
2	0.0	99	Unknown event or object

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

NHTSA SAS Variable - CLASS2

15Sep05	Prcnt	Code	Value and Description
2027	36.2	0	Not a motor vehicle
274	4.9	1	Subcompact/mini (wheelbase < 254 cm)
575	10.3	2	Compact (wheelbase => 254 but < 265 cm)
722	12.9	3	Intermediate (wheelbase => 265 but < 278 cm)
252	4.5	4	Full size (wheelbase => 278 but < 291 cm)
119	2.1	5	Largest (wheelbase > or = 291 cm)
23	0.4	9	Unknown passenger car size
433	7.7	14	Compact utility vehicle
103	1.8	15	Large utility vehicle (< or = 4,536 kgs GVWR)
29	0.5	16	Utility station wagon (< or = 4,536 kgs GVWR)
3	0.1	19	Unknown utility type
211	3.8	20	Minivan (< or = 4,536 kgs GVWR)
69	1.2	21	Large van (< or = 4,536 kgs GVWR)
0	0.0	24	Van based school bus (< or = 4,536 kgs GVWR)
7	0.1	28	Other van type (< or = 4,536 kgs GVWR)
2	0.0	29	Unknown van type (< or = 4,536 kgs GVWR)
161	2.9	30	Compact Pickup truck (< or = 4,536 kgs GVWR)
282	5.0	31	Large Pickup truck (< or = 4,536 kgs GVWR)
1	0.0	38	Other Pickup truck (< or = 4,536 kgs GVWR)
6	0.1	39	Unknown Pickup truck (< or = 4,536 kgs GVWR)
7	0.1	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

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

15Sep05	Prcnt	Code	Value and Description
4	0.1	50	School bus (excludes van based) (> 4,536 kgs GVWR)
16	0.3	58	Other bus (> 4,536 kgs GVWR)
1	0.0	59	Unknown bus type
87	1.6	60	Truck (> 4,536 kgs GVWR)
9	0.2	67	Tractor without trailer
129	2.3	68	Tractor-trailer(s)
27	0.5	78	Unknown medium/heavy truck type
3	0.1	79	Unknown light/medium/heavy truck type
9	0.2	80	Motored cycle
4	0.1	90	Other vehicle
1	0.0	99	Unknown

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

NHTSA SAS Variable - GADEV2

15Sep05	Prcnt	Code	Value and Description
1723	30.8	0	(0) Not a motor vehicle
1745	31.2	1	(F) Front
498	8.9	2	(R) Right Side
583	10.4	3	(L) Left Side
705	12.6	4	(B) Back or TDC: back of unit with cargo area (rear of trailer or straight truck)
9	0.2	5	(D) Back (rear of tractor)
3	0.1	6	(C) Rear of cab
0	0.0	7	(V) Front of cargo area
0	0.0	8	(T) Top
2	0.0	9	(U) Undercarriage
304	5.4	96	(N) Noncollision
25	0.4	99	(9) Unknown

The GENERAL VEHICLE Variables

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

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

NHTSA SAS Variable - PSU

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

NHTSA SAS Variable - CASEID

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

NHTSA SAS Variables Casekey 4 and Casekey 5

15Sep05 Prcnt	Code Value and Description	
10000 100.0	3	General Vehicle record

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

NHTSA SAS Variable - VERSION

15Sep05 Prcnt	Code Value and Description	
10000 100.0	17	Version 17

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

NHTSA SAS Variable - VEHNUM

15Sep05 Prcnt	Code Value and Description	
5597 56.0	1	Vehicle #1
3639 36.4	2	Vehicle #2

Variable 305:VEHICLE NUMBER (Continued)

15Sep05	Prcnt	Code	Value and Description
600	6.0	3	Vehicle #3
130	1.3	4	Vehicle #4
26	0.3	5	Vehicle #5
6	0.1	6	Vehicle #6
2	0.0	7	Vehicle #7

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

NHTSA SAS Variable - MODEL YR

15Sep05	Prcnt	Code	Value and Description
1	0.0	1958	1958
		-	
235	2.4	1990	1990
305	3.1	1991	1991
338	3.4	1992	1992
406	4.1	1993	1993
499	5.0	1994	1994
536	5.4	1995	1995
546	5.5	1996	1996
522	5.2	1997	1997
564	5.6	1998	1998
666	6.7	1999	1999
690	6.9	2000	2000
914	9.1	2001	2001
995	10.0	2002	2002
1001	10.0	2003	2003
665	6.7	2004	2004
74	0.7	2005	2005
98	1.0	9999	Unknown

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

NHTSA SAS Variable - MAKE

15Sep05	Prcnt	Code	Value and Description
2	0.0	1	American Motors
270	2.7	2	Jeep (includes Kaiser-Jeep)
1	0.0	3	AM General
188	1.9	6	Chrysler
709	7.1	7	Dodge
0	0.0	8	Imperial
111	1.1	9	Plymouth
9	0.1	10	Eagle

Variable 307:VEHICLE MAKE (Continued)

15Sep05	Prcnt	Code	Value and Description
1838	18.4	12	Ford
91	0.9	13	Lincoln
214	2.1	14	Mercury
278	2.8	18	Buick
121	1.2	19	Cadillac
1489	14.9	20	Chevrolet
231	2.3	21	Oldsmobile
385	3.9	22	Pontiac
240	2.4	23	GMC
153	1.5	24	Saturn
2	0.0	25	Grumman
0	0.0	29	Other domestic
150	1.5	30	Volkswagen
0	0.0	31	Alfa Romeo
29	0.3	32	Audi
0	0.0	33	Austin/Austin Healey
81	0.8	34	BMW
457	4.6	35	Nissan/Datsun
0	0.0	36	Fiat
686	6.9	37	Honda
51	0.5	38	Isuzu
20	0.2	39	Jaguar
0	0.0	40	Lancia
172	1.7	41	Mazda
91	0.9	42	Mercedes Benz
0	0.0	43	MG
0	0.0	44	Peugeot
7	0.1	45	Porsche
0	0.0	46	Renault
15	0.1	47	Saab
89	0.9	48	Subaru
773	7.7	49	Toyota
1	0.0	50	Triumph
74	0.7	51	Volvo
160	1.6	52	Mitsubishi
29	0.3	53	Suzuki
103	1.0	54	Acura
115	1.2	55	Hyundai
0	0.0	56	Merkur
0	0.0	57	Yugo
41	0.4	58	Infiniti
69	0.7	59	Lexus
0	0.0	60	Daihatsu
0	0.0	61	Sterling
16	0.2	62	Land Rover
105	1.1	63	KIA
13	0.1	64	Daewoo
3	0.0	65	Cooper
2	0.0	69	Other foreign
0	0.0	70	BSA
0	0.0	71	Ducati
3	0.0	72	Harley-Davidson

Variable 307:VEHICLE MAKE (Continued)

15Sep05	Prcnt	Code	Value and Description
1	0.0	73	Kawasaki
0	0.0	74	Moto-Guzzi
0	0.0	75	Norton
4	0.0	76	Yamaha
0	0.0	78	Other make moped
1	0.0	79	Other motored cycle
0	0.0	80	Brockway
0	0.0	81	Diamond Reo, Reo
64	0.6	82	Freightliner/White Freightliner/White
0	0.0	83	FWD
56	0.6	84	International Harvester/Navistar
27	0.3	85	Kenworth
34	0.3	86	Mack
18	0.2	87	Peterbilt
0	0.0	88	Iveco/Magirus
40	0.4	98	Other make
68	0.7	99	Unknown make

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

NHTSA SAS Variables - MAKE+MODEL

15Sep05	Prcnt	Code	Value and Description
American Motors			
0	0.0	1001	Rambler/American
1	0.0	1002	Rebel/Matador
0	0.0	1003	Ambassador
0	0.0	1004	Pacer
0	0.0	1005	AMX
0	0.0	1006	Javelin
0	0.0	1007	Hornet/Concord
0	0.0	1008	Spirit/Gremlin
1	0.0	1009	Eagle
0	0.0	1010	Eagle SX-4
0	0.0	1398	Other (automobile)
0	0.0	1399	Unknown (automobile)
0	0.0	1999	Unknown (vehicle)
Jeep			
5	0.1	2401	CJ-2/CJ-3/CJ-4
12	0.1	2402	CJ-5/CJ-6/CJ-7/CJ-8
20	0.2	2403	YJ-Wrangler
196	2.0	2404	Cherokee (84 on)
30	0.3	2405	JEEP Liberty
0	0.0	2421	Cherokee (thru 83)
5	0.1	2431	Grand Wagoneer
0	0.0	2481	Pickup
1	0.0	2482	Comanche

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
1	0.0	2498	Other Light Truck
0	0.0	2499	Unk Light Truck
0	0.0	2999	Unknown vehicle
AM General			
0	0.0	3401	Dispatcher (Post Office Jeep)
1	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			
1	0.0	6009	Cordoba
1	0.0	6010	Newport/New Yorker (thru 78)/5th Avenue/Imperial (79-81)
0	0.0	6013	Rampage
12	0.1	6014	New Yorker/E-Class/Imperial (90-on)/Fifth Avenue
0	0.0	6015	Laser
10	0.1	6016	Lebaron
2	0.0	6017	Lebaron GTS/GTC
1	0.0	6018	Intrepid
0	0.0	6019	Neon (export)
0	0.0	6031	TC Maserati Sport
0	0.0	6035	Conquest
17	0.2	6041	Concorde
13	0.1	6042	LHS
39	0.4	6043	Sebring
15	0.1	6044	Cirrus
16	0.2	6051	CHRY 300M
19	0.2	6052	CHRY PT Cruiser
0	0.0	6053	CHRY Prowler
3	0.0	6054	CHRY Pacifica
1	0.0	6055	CHRY Crossfire
0	0.0	6398	Other Auto
0	0.0	6399	Unk Auto
33	0.3	6441	Town & Country (Minivan)
5	0.1	6442	Voyager
0	0.0	6498	Other Light Truck
0	0.0	6499	Unk Light Truck
0	0.0	6999	Unknown vehicle
Dodge			
1	0.0	7001	Dart
2	0.0	7002	Coronet/Magnum/Charger (thru 78)
0	0.0	7003	Polara/Monaco/Royal Monaco

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
2	0.0	7004	Viper
0	0.0	7005	Challenger
0	0.0	7006	Aspen
3	0.0	7007	Diplomat
2	0.0	7008	Omni/Charger(83 on)
0	0.0	7009	Mirada
0	0.0	7010	St Regis
8	0.1	7011	Aries (K)
0	0.0	7012	400
0	0.0	7013	Rampage (car based pickup)
1	0.0	7014	600
1	0.0	7015	Daytona
0	0.0	7016	Lancer
11	0.1	7017	Shadow
13	0.1	7018	Dynasty
8	0.1	7019	Spirit
92	0.9	7020	Neon
0	0.0	7033	Challenger (import)
2	0.0	7034	Colt (excludes Vista)
0	0.0	7035	Conquest
2	0.0	7039	Stealth
0	0.0	7040	Monaco
63	0.6	7041	Intrepid
9	0.1	7042	Avenger
64	0.6	7043	Stratus
0	0.0	7398	Other Auto
1	0.0	7399	Unk Auto
0	0.0	7401	Raider
1	0.0	7421	Ramchager
52	0.5	7422	Durango
0	0.0	7441	Vista
136	1.4	7442	Caravan
26	0.3	7461	B-series Van
0	0.0	7462	Sprinter
4	0.0	7470	Van Derivative
2	0.0	7471	D50,Colt Pickup,Ram 50/100
58	0.6	7472	Dakota
19	0.2	7481	D,W-series Pickup
121	1.2	7482	Ram 1500/2500/3500 P/U
2	0.0	7498	Other lt Truck
3	0.0	7499	Unk lt Truck
0	0.0	7881	Med/hvy CBE
0	0.0	7882	DODGE Med/hvy COE low entry
0	0.0	7883	Med/hvy COE high entry
0	0.0	7884	Med/hvy unk engine location
0	0.0	7890	Med/hvy COE unk entry position
0	0.0	7898	Other med/hvy truck
0	0.0	7899	Unk med/hvy truck
0	0.0	7981	Medium Bus (not van based)
0	0.0	7988	Other Bus
0	0.0	7989	Unknown Bus Type
0	0.0	7998	Other Veh

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
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
4	0.0	9001	Valiant/Scamp/Duster(thru 76)
0	0.0	9002	Satellite/Belvedere
0	0.0	9003	Fury
1	0.0	9004	Gran Fury
0	0.0	9005	Barracuda
2	0.0	9006	Volare
0	0.0	9007	Caravelle
3	0.0	9008	Horizon
3	0.0	9011	Reliant (K)
0	0.0	9013	Scamp-auto based pickup
6	0.1	9017	Sundance
6	0.1	9019	Acclaim
36	0.4	9020	Neon
0	0.0	9031	Cricket
0	0.0	9032	Arrow
0	0.0	9033	Sapporo import
0	0.0	9034	Champ/Colt (excludes Vista)
0	0.0	9035	Conquest
2	0.0	9037	Laser
3	0.0	9038	Breeze
0	0.0	9039	Prowler
0	0.0	9398	Other Auto
2	0.0	9399	Unk Auto
0	0.0	9421	Trailduster
0	0.0	9441	Vista
43	0.4	9442	Voyager (minivan)
0	0.0	9461	B-series Van (fullsize)
0	0.0	9471	Arrow Pickup (foreign)
0	0.0	9498	Other lt truck
0	0.0	9499	Unk lt truck
0	0.0	9999	Unknown vehicle
			Eagle
1	0.0	10034	Summit
4	0.0	10037	Talon
0	0.0	10040	Premier
4	0.0	10041	Vision
0	0.0	10044	Medallion
0	0.0	10398	Other Auto
0	0.0	10399	Unk Auto
0	0.0	10441	Summit Wagon
0	0.0	10498	Other lt truck
0	0.0	10499	Unk lt truck

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	10999	Unk vehicle
			Ford
0	0.0	12001	Falcon
0	0.0	12002	Fairlane
98	1.0	12003	Mustang/Mustang II
33	0.3	12004	Thunderbird
1	0.0	12005	Ltd II
1	0.0	12006	Ltd/Galaxy/Custom
1	0.0	12007	Ranchero
0	0.0	12008	Maverick
0	0.0	12009	Pinto
1	0.0	12010	Torino/Gran Torino/Elite
2	0.0	12011	Granada
2	0.0	12012	Fairmont
128	1.3	12013	Escort/EXP
19	0.2	12015	Tempo
95	1.0	12016	Crown Victoria
197	2.0	12017	Taurus
18	0.2	12018	Probe
0	0.0	12031	English Ford
0	0.0	12032	Fiesta
4	0.0	12033	Festiva
0	0.0	12034	Laser
34	0.3	12035	Contour
3	0.0	12036	Aspire
124	1.2	12037	Focus
0	0.0	12038	GT
0	0.0	12398	Other Auto
3	0.0	12399	Unk Auto
212	2.1	12401	Bronco II/Bronco(thru 77)/Explorer
37	0.4	12402	Escape
15	0.1	12421	Bronco-fullsize (78 on)
79	0.8	12422	Expedition
4	0.0	12431	Excursion
24	0.2	12441	Aerostar
61	0.6	12442	Windstar
7	0.1	12443	Freestar
96	1.0	12461	E-series Van
4	0.0	12470	Van derivative
145	1.4	12471	Ranger
3	0.0	12472	Courier
19	0.2	12473	Sport Trac
328	3.3	12481	F-series Pickup
5	0.1	12498	Other lt truck
1	0.0	12499	Unk lt truck
8	0.1	12880	F450/550 Pickup > 4536 GVWR
10	0.1	12881	Med/Hvy CBE
1	0.0	12882	Med/Hvy COE low entry
0	0.0	12883	Med/Hvy COE high entry
4	0.0	12884	Med/Hvy unk engine location
1	0.0	12890	Med/Hvy COE unk entry position

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
5	0.1	12898	Other Med/Hvy truck
4	0.0	12899	Unk Med/Hvy truck
0	0.0	12981	Medium Bus
1	0.0	12988	Other Bus
0	0.0	12989	Unknown Bus Type
0	0.0	12998	Other Vehicle
0	0.0	12999	Unknown vehicle
Lincoln			
62	0.6	13001	Town Car/Continental
5	0.1	13002	Mark I - VIII
9	0.1	13005	Continental (82 on)
0	0.0	13011	Versailles
7	0.1	13012	LS
0	0.0	13398	Other Auto
0	0.0	13399	Unk Auto
0	0.0	13401	Aviator
7	0.1	13421	Navigator
1	0.0	13481	Blackwood
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
9	0.1	14004	Cougar/XR7
54	0.5	14006	Marquis/Monterey
0	0.0	14008	Comet
0	0.0	14009	Bobcat
0	0.0	14010	Montego
0	0.0	14011	Monarch
0	0.0	14012	Zephyr
0	0.0	14013	Lynx/LN7 (82-83)
8	0.1	14015	Topaz
57	0.6	14017	Sable
1	0.0	14031	Capri-foreign
0	0.0	14033	Pantera
14	0.1	14036	Tracer
7	0.1	14037	Mystique
19	0.2	14038	Cougar
0	0.0	14039	Marauder
0	0.0	14398	Other Auto
0	0.0	14399	Unknown Auto
20	0.2	14401	Mountaineer
24	0.2	14443	Villager
0	0.0	14444	Monterey
0	0.0	14498	Other light truck
0	0.0	14499	Unk light truck
0	0.0	14999	Unknown vehicle

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
			Buick
1	0.0	18001	Special/Skylark
87	0.9	18002	Lesabre/Wildcat/Centurion
30	0.3	18003	Electra/Electra 225/Park Avenue (91 on)
2	0.0	18004	Roadmaster
7	0.1	18005	Riviera
70	0.7	18007	Century
0	0.0	18008	Apollo/Skylark (75)
37	0.4	18010	Regal
0	0.0	18012	Skyhawk
2	0.0	18015	Skylark (76-85)
12	0.1	18018	Somerset/Skylark(86 on)
21	0.2	18020	Regal FWD
0	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
0	0.0	18399	Unk Auto
8	0.1	18401	Rendezvous
1	0.0	18402	Rainier
0	0.0	18999	Unk vehicle
			Cadillac
64	0.6	19003	Deville/Fleetwood (except Limousine)
1	0.0	19004	Limousine
11	0.1	19005	Eldorado
0	0.0	19006	Commercial Series
0	0.0	19009	Allante'
21	0.2	19014	Seville
0	0.0	19016	Cimarron
3	0.0	19017	Catera
5	0.1	19018	CTS
0	0.0	19019	XLR
1	0.0	19020	SRX
0	0.0	19398	Other Auto
2	0.0	19399	Unk Auto
13	0.1	19421	Escalade
0	0.0	19431	Escalade ESV
0	0.0	19480	Escalade EXT
0	0.0	19999	Unk vehicle
			Chevrolet
2	0.0	20001	Malibu/Chevelle
98	1.0	20002	Caprice/Impala
7	0.1	20004	Corvette
0	0.0	20006	Corvair
1	0.0	20007	El Camino
1	0.0	20008	Nova (-79)
52	0.5	20009	Camaro
11	0.1	20010	Monte Carlo

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	20011	Vega
0	0.0	20012	Monza
1	0.0	20013	Chevette
1	0.0	20015	Citation
202	2.0	20016	Cavalier
13	0.1	20017	Celebrity
53	0.5	20019	Baretta/Corsica
54	0.5	20020	Lumina
0	0.0	20031	Spectrum
38	0.4	20032	Nova/Geo Prizm
1	0.0	20033	Sprint/Geo Sprint
17	0.2	20034	Geo Metro
3	0.0	20035	Geo Storm
35	0.4	20036	Monte Carlo (FWD only)
93	0.9	20037	Malibu
3	0.0	20039	Aveo
0	0.0	20398	Other Auto
3	0.0	20399	Unk Auto
129	1.3	20401	S-10 Blazer
32	0.3	20402	Geo Tracker
45	0.5	20403	Trailblazer (2002+)
2	0.0	20404	Equinox
62	0.6	20421	Blazer-fullsize
50	0.5	20431	Suburban
41	0.4	20441	Astro Van
30	0.3	20442	Lumina APV
0	0.0	20443	Ventura
49	0.5	20461	G-series Van
1	0.0	20466	P-series Van
5	0.1	20470	Van Derivative
97	1.0	20471	S-10,T-10
0	0.0	20472	LUV imported PU
5	0.1	20473	Colorado
224	2.2	20481	C,K,R,V-series Pickup
15	0.1	20482	Avalanche
2	0.0	20498	Other lt truck
5	0.1	20499	Unk lt truck
1	0.0	20881	Med/Hvy CBE
0	0.0	20882	Med/Hvy COE low entry
0	0.0	20883	Med/Hvy COE high entry
1	0.0	20884	Med/Hvy Unk engine location
1	0.0	20890	Med/Hvy COE Unk entry position
3	0.0	20898	Other med/hvy trk
0	0.0	20899	Unk med/hvy trk
0	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
17	0.2	21001	Cutlass (RWD only)

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
39	0.4	21002	Delta 88
21	0.2	21003	Ninety-Eight
2	0.0	21005	Toronado
0	0.0	21006	Commercial Series
0	0.0	21012	Starfire
0	0.0	21015	Omega
0	0.0	21016	Firenza
25	0.2	21017	Ciera
1	0.0	21018	Calais
44	0.4	21020	Cutlass (FWD)
4	0.0	21021	Achieva
6	0.1	21022	Aurora
10	0.1	21023	Intrigue
42	0.4	21024	Alero
0	0.0	21398	Other Auto
0	0.0	21399	Unknown Auto
10	0.1	21401	Bravada
10	0.1	21441	Silhouette
0	0.0	21498	Other lt trk
0	0.0	21499	Unk lt trk
0	0.0	21998	Other vehicle
0	0.0	21999	Unknown vehicle
Pontiac			
0	0.0	22001	Lemans/Tempest (thru 79)
44	0.4	22002	Bonneville/Catalina/Parisienne
2	0.0	22005	Fiero
1	0.0	22008	Ventura
18	0.2	22009	Firebird/Trans AM
5	0.1	22010	Grand Prix RWD
0	0.0	22011	Astre
7	0.1	22012	Sunbird (thru 80)
1	0.0	22013	T-1000/1000
0	0.0	22015	Phoenix
40	0.4	22016	J2000/2000/Sunbird(84 on)
7	0.1	22017	6000
135	1.4	22018	Grand AM
93	0.9	22020	Grand Prix FWD
0	0.0	22031	Lemans (88 on)
0	0.0	22398	Other Auto
0	0.0	22399	Unk Auto
6	0.1	22401	Aztek
11	0.1	22402	Vibe
15	0.1	22441	Trans Sport
0	0.0	22498	Other lt trk
0	0.0	22499	Unk lt trk
0	0.0	22999	Unknown vehicle
GMC			
1	0.0	23007	Caballero/Sprint
0	0.0	23398	Other Auto
0	0.0	23399	Unk Auto

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
49	0.5	23401	Jimmy/Typhoon S-15 based
30	0.3	23421	Jimmy fullsize/Yukon
10	0.1	23431	Suburban
16	0.2	23441	Safari (Minivan)
18	0.2	23461	G-series Van
1	0.0	23466	P-series Van
1	0.0	23470	Van Derivative
29	0.3	23471	S15/T15/Somona
0	0.0	23472	Canyon
66	0.7	23481	C,K,R,V-series Pickup
3	0.0	23498	Other lt truck
1	0.0	23499	Unk lt truck
9	0.1	23881	Med/Hvy CBE
1	0.0	23882	Med/Hvy COE low entry
1	0.0	23883	Med/Hvy COE high entry
1	0.0	23884	Med/Hvy Unk engine location
1	0.0	23890	Med/Hvy COE Unk entry position
0	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			
69	0.7	24001	SL
19	0.2	24002	SC
8	0.1	24003	SW
0	0.0	24004	EV
30	0.3	24005	LS
3	0.0	24006	LW
17	0.2	24007	Ion
0	0.0	24398	Other Auto
0	0.0	24399	Unk Auto
7	0.1	24401	Vue
0	0.0	24999	Unk vehicle
Grumman			
1	0.0	25441	LLV Postal
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
1	0.0	25983	Bus flat front, rear engine
0	0.0	25988	Other Bus
0	0.0	25989	Unknown Bus Type

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	25999	Unk vehicle
			Other Domestic
0	0.0	29001	Studebaker/Avanti
0	0.0	29002	Checker
0	0.0	29398	Other make
0	0.0	29399	Unknown make
			Volkswagen
0	0.0	30031	Karmann Ghia
14	0.1	30032	Beetle 1300/1500
0	0.0	30033	Super Beetle
0	0.0	30034	411/412
0	0.0	30035	Squareback/Fastback
1	0.0	30036	Rabbit
0	0.0	30037	Dasher
0	0.0	30038	Scirocco
58	0.6	30040	Jetta
0	0.0	30041	Quantum
23	0.2	30042	Golf
0	0.0	30043	Rabbit Pickup
0	0.0	30044	Fox
0	0.0	30045	Corrado
26	0.3	30046	Passat
5	0.1	30047	Jetta III
6	0.1	30048	Golf III
15	0.1	30049	New Beetle
0	0.0	30050	Phaeton
0	0.0	30398	Other Auto
0	0.0	30399	Unk Auto
0	0.0	30401	The Thing (181)
1	0.0	30421	Touareg
0	0.0	30441	Vanagon/Camper
1	0.0	30442	Eurovan
0	0.0	30498	Other lt truck
0	0.0	30499	Unk lt truck
0	0.0	30998	Other vehicle
0	0.0	30999	Unk vehicle
			Alfa Romeo
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

Variable 308:MAKE/MODEL (Continued)

15Sep05 Prcnt Code Value and Description

7	0.1	32032	100/A6
0	0.0	32033	Fox
0	0.0	32034	4000
1	0.0	32035	5000
2	0.0	32036	80/90
0	0.0	32037	200
2	0.0	32038	V-8 Quattro
1	0.0	32039	Coupe Quattro
2	0.0	32040	S4/S6
0	0.0	32041	Cabriolet
13	0.1	32042	A4
0	0.0	32043	A3
0	0.0	32044	A8
1	0.0	32045	TT
0	0.0	32046	S8
0	0.0	32047	Allroad
0	0.0	32398	Other Auto
0	0.0	32399	Unk Auto
0	0.0	32999	Unk vehicle
			Austin/Austin Healey
0	0.0	33031	Marina
0	0.0	33032	America
0	0.0	33033	Healey Sprite
0	0.0	33034	Healey 3000
0	0.0	33035	Mini
0	0.0	33398	Other Auto
0	0.0	33399	Unk Auto
0	0.0	33999	Unk vehicle
			BMW
0	0.0	34031	1600,200Z
2	0.0	34032	Coupe
0	0.0	34033	Bavarian Sedan
46	0.5	34034	3-series
17	0.2	34035	5-series
1	0.0	34036	6-series
8	0.1	34037	7-series
0	0.0	34038	8-series
3	0.0	34039	Z3
0	0.0	34040	Z8
0	0.0	34042	Z4
0	0.0	34398	Other Auto
0	0.0	34399	Unk Auto
4	0.0	34401	X5
0	0.0	34402	X3
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

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	34799	Unk motorcycle
0	0.0	34999	Unk vehicle
			Nissan/Datsun
0	0.0	35031	F-10
13	0.1	35032	200SX/240SX
1	0.0	35033	B210/210/1200
8	0.1	35034	Z-car, ZX
0	0.0	35035	310
0	0.0	35036	510
0	0.0	35037	610
0	0.0	35038	710
96	1.0	35039	810/Maxima
0	0.0	35040	Roadster
0	0.0	35041	PL411/RL411
9	0.1	35042	Stanza
73	0.7	35043	Sentra
0	0.0	35044	Pulsar
0	0.0	35045	Micra
2	0.0	35046	NX 1600/2000
118	1.2	35047	Altima
2	0.0	35048	350Z
7	0.1	35049	Murano
0	0.0	35398	Other Auto
2	0.0	35399	Unk Auto
34	0.3	35401	Pathfinder
25	0.2	35402	XTerra
0	0.0	35421	Pathfinder Amada
0	0.0	35441	Van
0	0.0	35442	Axxess
14	0.1	35443	Quest
49	0.5	35471	Pickup / Frontier
1	0.0	35473	Titan
0	0.0	35498	Other lt truck
3	0.0	35499	Unk lt truck
0	0.0	35883	Med/Hvy COE high entry
0	0.0	35898	Other med/hvy truck
0	0.0	35899	Unk med/hvy truck
0	0.0	35999	Unk vehicle
			Fiat
0	0.0	36031	124 Coupe/Sedan
0	0.0	36032	124 Spider/Racer
0	0.0	36033	Brava/131
0	0.0	36034	850 Coupe/Spider
0	0.0	36035	128
0	0.0	36036	X-1/9
0	0.0	36037	Strada
0	0.0	36398	Other auto
0	0.0	36399	Unk auto
0	0.0	36882	Med/Hvy COE low entry
0	0.0	36883	Med/Hvy COE high entry

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
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			
261	2.6	37031	Civic/CRX, del Sol
310	3.1	37032	Accord
20	0.2	37033	Prelude
0	0.0	37034	600
2	0.0	37035	S2000
0	0.0	37037	Insight
0	0.0	37038	FCX
0	0.0	37398	Other Auto
1	0.0	37399	Unk Auto
10	0.1	37401	Passport
40	0.4	37402	C-RV (small sport utility vehicle)
7	0.1	37403	Element
5	0.1	37421	Pilot
29	0.3	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
1	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
0	0.0	37733	ATC/ATV 125-349cc
0	0.0	37734	ATC/ATV 350cc & over
0	0.0	37739	ATC/ATV Unk cc
0	0.0	37799	Unk motored cycle
0	0.0	37999	Unk vehicle
Isuzu			
0	0.0	38031	I-Mark
0	0.0	38032	Impulse
0	0.0	38033	Stylus
0	0.0	38398	Other Auto
0	0.0	38399	Unk Auto
9	0.1	38401	Trooper/Trooper II
30	0.3	38402	Rodeo
3	0.0	38403	Amigo
0	0.0	38404	Vehicross
2	0.0	38405	Axiom
1	0.0	38421	Ascender
0	0.0	38441	Oasis
3	0.0	38471	P'up Pickup (thru 95) / Hombre (96 - on)
0	0.0	38498	Other lt truck

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	38499	Unk lt truck
1	0.0	38881	Med/Hvy CBE
1	0.0	38882	Med/Hvy COE low entry
0	0.0	38883	Med/Hvy COE high entry
0	0.0	38884	Med/Hvy unk engine location
1	0.0	38890	Med/Hvy COE unk entry position
0	0.0	38898	Other med/hvy trk
0	0.0	38899	Unk med/hvy trk
0	0.0	38981	Bus conventional front engine
0	0.0	38982	Bus front engine/flat front
0	0.0	38983	Bus rear engine/flat front
0	0.0	38988	Other Bus
0	0.0	38999	Unk vehicle
Jaguar			
0	0.0	39031	XJ-S Coupe
4	0.0	39032	XJ6/12 Sedan/Coupe
0	0.0	39033	XK-E
5	0.1	39034	X100
11	0.1	39035	X-type
0	0.0	39398	Other Auto
0	0.0	39399	Unk Auto
0	0.0	39999	Unk vehicle
Lancia			
0	0.0	40031	Beta Sedan/HPE
0	0.0	40032	Beta Coupe/Zagato
0	0.0	40033	Scorpion
0	0.0	40398	Other Auto
0	0.0	40399	Unk Auto
0	0.0	40999	Unk vehicle
Mazda			
0	0.0	41031	RX2
0	0.0	41032	RX3
0	0.0	41033	RX4
4	0.0	41034	RX7
37	0.4	41035	GLC/323/Protege
0	0.0	41036	Cosmo
45	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
4	0.0	41043	929
11	0.1	41044	MX-6
9	0.1	41045	Miata
2	0.0	41046	MX-3
6	0.1	41047	Millenia
0	0.0	41048	MP3
4	0.0	41049	RX-8

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
6	0.1	41050	Mazda 6
1	0.0	41051	Mazda 3
0	0.0	41398	Other auto
0	0.0	41399	Unk auto
0	0.0	41401	Navajo
11	0.1	41402	Tribute
19	0.2	41441	MPV
12	0.1	41471	Mazda Pickup
0	0.0	41498	Other lt truck
1	0.0	41499	Unk lt truck
0	0.0	41999	Unk vehicle
Mercedes Benz			
21	0.2	42031	200/220/230/240/250/260/280/300 Sedan/Coupe
4	0.0	42032	230/280 SL 2-pass
4	0.0	42033	300/350/380/450/500/560 SL 2-pass
0	0.0	42034	350/380/420/450/560 SLC
0	0.0	42035	280/300 SEL
4	0.0	42036	380/420/450/500/560 SEL, 500/560 SEC, 300/350 SDL
6	0.1	42037	300/380/450 SE
0	0.0	42038	600,6.9 Sedan
4	0.0	42039	190
9	0.1	42040	300
1	0.0	42041	400/500 E
2	0.0	42042	220/280 C
8	0.1	42043	S Class
3	0.0	42044	SL Class
1	0.0	42045	SLK
0	0.0	42046	CL Class
5	0.1	42047	CLK
8	0.1	42048	E Class
0	0.0	42398	Other auto
1	0.0	42399	Unk auto
10	0.1	42401	M
0	0.0	42402	G Class
0	0.0	42470	Van derivative
0	0.0	42498	Other lt truck
0	0.0	42499	Unk lt truck
0	0.0	42881	Med/Hvy CBE
0	0.0	42882	Med/Hvy COE low entry
0	0.0	42883	Med/Hvy COE high entry
0	0.0	42884	Med/Hvy unk engine location
0	0.0	42890	Med/Hvy COE unk entry position
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

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
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
0	0.0	44034	504/505
0	0.0	44035	604
0	0.0	44036	405
0	0.0	44398	Other auto
0	0.0	44399	Unk auto
0	0.0	44701	0-50cc
0	0.0	44702	51-124cc
0	0.0	44709	Unk cc
0	0.0	44799	Unk motored cycle
0	0.0	44999	Unk vehicle
			Porsche
4	0.0	45031	911
0	0.0	45032	912
0	0.0	45033	914
0	0.0	45034	924
0	0.0	45035	928
0	0.0	45036	930
0	0.0	45037	944
0	0.0	45038	959
0	0.0	45039	968
3	0.0	45040	Boxster
0	0.0	45398	Oth auto
0	0.0	45399	Unk auto
0	0.0	45421	Cayenne
0	0.0	45999	Unk vehicle
			Renault
0	0.0	46031	LeCar
0	0.0	46032	Dauphine/10/R-8/Caravelle
0	0.0	46033	12
0	0.0	46034	15
0	0.0	46035	16
0	0.0	46036	17
0	0.0	46037	R18i
0	0.0	46038	Fuego
0	0.0	46039	Alliance/Encore/GTA/Convertible
0	0.0	46041	Alpine
0	0.0	46044	Medallion

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	46045	Premier
0	0.0	46398	Other auto
0	0.0	46399	Unk auto
0	0.0	46999	Unk vehicle
Saab			
4	0.0	47031	99/99E/900
0	0.0	47032	Sonnett
0	0.0	47033	95/96/97
1	0.0	47034	9000
8	0.1	47035	9-3
2	0.0	47036	9-5
0	0.0	47398	Other auto
0	0.0	47399	Unk auto
0	0.0	47999	Unk vehicle
Subaru			
4	0.0	48031	DL/FE/G/GF/GL/GLF/STD/Loyale (90 on)
0	0.0	48032	Star
0	0.0	48033	360
40	0.4	48034	Legacy
1	0.0	48035	XT/XT6
0	0.0	48036	Justy
1	0.0	48037	SVX
14	0.1	48038	Impreza
4	0.0	48043	Brat
0	0.0	48044	Baja
10	0.1	48045	Outback (2003+)
0	0.0	48398	Other auto
0	0.0	48399	Unk auto
15	0.1	48401	Forester
0	0.0	48999	Unk vehicle
Toyota			
0	0.0	49031	Corona
178	1.8	49032	Corolla
23	0.2	49033	Celica
0	0.0	49034	Supra
3	0.0	49035	Cressida
0	0.0	49036	Crown
0	0.0	49037	Carina
22	0.2	49038	Tercel
0	0.0	49039	Starlet
238	2.4	49040	Camry
3	0.0	49041	MR-2
4	0.0	49042	Paseo
27	0.3	49043	Avalon
13	0.1	49044	Solara
12	0.1	49045	Echo
3	0.0	49046	Prius
1	0.0	49048	Scion XA
1	0.0	49049	Scion XB

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
1	0.0	49398	Other auto
0	0.0	49399	Unk auto
57	0.6	49401	4-Runner
26	0.3	49402	RAV-4
10	0.1	49403	Highlander
13	0.1	49404	Matrix
10	0.1	49421	Landcruiser
8	0.1	49422	Sequoia
10	0.1	49441	Minivan (84-90)/Previa (91 on)
22	0.2	49442	Sienna
32	0.3	49471	Pickup
44	0.4	49472	Tacoma
1	0.0	49481	T-100
11	0.1	49482	Tundra
0	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
1	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
4	0.0	51034	240/242/244/245
0	0.0	51035	262/264/265
0	0.0	51036	1800
1	0.0	51038	760/780
7	0.1	51039	740
1	0.0	51040	940
2	0.0	51041	960
5	0.1	51042	850
13	0.1	51043	70
0	0.0	51044	90

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
7	0.1	51045	80
12	0.1	51046	40 Series
4	0.0	51047	60 Series
0	0.0	51398	Other auto
0	0.0	51399	Unk auto
1	0.0	51401	XC90
11	0.1	51881	Med/Hvy CBE
0	0.0	51882	Med/Hvy COE low entry
1	0.0	51883	Med/Hvy COE high entry
1	0.0	51884	Med/Hvy unk engine location
1	0.0	51890	Med/Hvy unk entry position
1	0.0	51898	Other med/hvy trk
2	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
46	0.5	52034	Galant
13	0.1	52035	Mirage
0	0.0	52036	Precis
33	0.3	52037	Eclipse
1	0.0	52038	Sigma
3	0.0	52039	3000 GT
10	0.1	52040	Diamante
19	0.2	52046	Lancer
0	0.0	52047	Outlander
0	0.0	52398	Other auto
0	0.0	52399	Unk auto
20	0.2	52401	Montero
5	0.1	52402	Outlander
2	0.0	52403	Endeavor
1	0.0	52441	Minivan
1	0.0	52442	Expo Wagon
2	0.0	52471	Pickup
0	0.0	52498	Other lt truck
0	0.0	52499	Unk lt truck
3	0.0	52882	Med/Hvy COE low entry
1	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

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
			Suzuki
0	0.0	53031	SA310
2	0.0	53034	Swift
6	0.1	53035	Esteem
4	0.0	53036	Aerio
2	0.0	53037	Forenza
0	0.0	53038	Verona
0	0.0	53398	Other auto
0	0.0	53399	Unk auto
0	0.0	53401	Samarai
4	0.0	53402	Sidekick
3	0.0	53403	X-90
6	0.1	53404	Grand Vitara
1	0.0	53405	XL7
0	0.0	53498	Other lt truck
0	0.0	53499	Unk lt truck
0	0.0	53701	0-50cc
0	0.0	53702	51-124cc
0	0.0	53703	125-349cc
0	0.0	53704	350-449cc
0	0.0	53705	450-749cc
1	0.0	53706	750cc & over
0	0.0	53709	Unk cc
0	0.0	53731	ATC/ATV 0-50cc
0	0.0	53732	ATC/ATV 51-124cc
0	0.0	53733	ATC/ATV 125-349cc
0	0.0	53734	ATC/ATV 350cc & over
0	0.0	53739	ATC/ATV unk cc
0	0.0	53799	Unk motored cycle
0	0.0	53999	Unk vehicle
			Acura
37	0.4	54031	Integra
18	0.2	54032	Legend (86-95) / RL (96-on)
0	0.0	54033	NSX (91-95) / TL (96-on)
1	0.0	54034	Vigor
26	0.3	54035	CL
10	0.1	54038	RSX
1	0.0	54039	TSX
0	0.0	54398	Other auto
1	0.0	54399	Unk auto
1	0.0	54401	SLX
8	0.1	54421	MDX
0	0.0	54498	Other light truck
0	0.0	54499	Unk light truck
0	0.0	54999	Unk vehicle
			Hyundai
0	0.0	55031	Pony
0	0.0	55032	Excel
15	0.1	55033	Sonata
1	0.0	55034	Scoupe

Variable 308:MAKE/MODEL (Continued)

15Sep05 Prcnt Code Value and Description

40	0.4	55035	Elantra
26	0.3	55036	Accent
11	0.1	55037	Tiburon
6	0.1	55038	XG300
0	0.0	55398	Other auto
0	0.0	55399	Unk auto
16	0.2	55401	Santa Fe
0	0.0	55999	Unk vehicle
Merkur			
0	0.0	56031	XR4Ti
0	0.0	56032	Scorpio
0	0.0	56398	Other auto
0	0.0	56399	Unk auto
0	0.0	56999	Unk vehicle
Yugo			
0	0.0	57031	GV
0	0.0	57398	Other auto
0	0.0	57399	Unk auto
0	0.0	57999	Unk vehicle
Infiniti			
0	0.0	58031	M30
6	0.1	58032	Q45
2	0.0	58033	G20
4	0.0	58034	J30
9	0.1	58035	I30
6	0.1	58036	I35
9	0.1	58037	G35
0	0.0	58038	M45
1	0.0	58039	EX35 / 45
0	0.0	58398	Other auto
0	0.0	58399	Unk auto
4	0.0	58401	T30
0	0.0	58421	QX56
0	0.0	58498	Other light truck
0	0.0	58499	Unk light truck
0	0.0	58999	Unk vehicle
Lexus			
24	0.2	59031	ES-250/ES-300
6	0.1	59032	LS-400
2	0.0	59033	SC-400/SC-300
8	0.1	59034	GS-300
11	0.1	59035	IS-300
0	0.0	59036	SC-430
0	0.0	59398	Other auto
1	0.0	59399	Unk auto
15	0.1	59401	RX 300
2	0.0	59402	GX 470
0	0.0	59421	LX 450/470

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
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
12	0.1	62401	Discovery (LR)
0	0.0	62402	Defender 90 (LR)
0	0.0	62421	County LWB (RR) [thru 94] / County Classic (RR) [94-on]
4	0.0	62422	Defender / 4.0 SE (RR)
0	0.0	62498	Other light truck
0	0.0	62499	Unk light truck
0	0.0	62999	Unk vehicle
			KIA
19	0.2	63031	Sephia
27	0.3	63032	Spectra
13	0.1	63033	Rio
11	0.1	63034	Optima
1	0.0	63035	Amanti
0	0.0	63398	Other auto
0	0.0	63399	Unk auto
14	0.1	63401	Sportage
4	0.0	63402	Sorrento
16	0.2	63441	Sedona
0	0.0	63498	Other light truck
0	0.0	63499	Unk light truck
0	0.0	63999	Unk vehicle
			DAEWOO
5	0.1	64031	Lanos
4	0.0	64032	Nubira
4	0.0	64033	Leganza
			Cooper
3	0.0	65031	Mini Cooper, Cooper S

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
			Other Imports
1	0.0	69031	Aston Martin
0	0.0	69032	Bricklin
0	0.0	69033	Citroen
0	0.0	69034	Delorean
1	0.0	69035	Ferrari
0	0.0	69036	Hillman
0	0.0	69037	Jensen
0	0.0	69038	Lamborghini
0	0.0	69039	Lotus
0	0.0	69040	Maserati
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
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	72701	0-50cc
0	0.0	72702	51-124cc
0	0.0	72703	125-349cc
0	0.0	72704	350-449cc
0	0.0	72705	450-749cc
1	0.0	72706	750cc & over

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
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
0	0.0	73705	450-749cc
1	0.0	73706	750cc & over
0	0.0	73709	Unk cc
0	0.0	73731	ATC/ATV 0-50cc
0	0.0	73732	ATC/ATV 51-124cc
0	0.0	73733	ATC/ATV 125-349cc
0	0.0	73734	ATC/ATV 350cc & over
0	0.0	73739	ATC/ATV unk cc
0	0.0	73798	Oth motored cycle
0	0.0	73799	Unk motorcycle
			Moto-Guzzi
0	0.0	74701	0-50cc
0	0.0	74702	51-124cc
0	0.0	74703	125-349cc
0	0.0	74704	350-449cc
0	0.0	74705	450-749cc
0	0.0	74706	750cc & over
0	0.0	74709	Unk cc
0	0.0	74731	ATC/ATV 0-50cc
0	0.0	74732	ATC/ATV 51-124cc
0	0.0	74733	ATC/ATV 125-349cc
0	0.0	74734	ATC/ATV 350cc & over
0	0.0	74739	ATC/ATV unk cc
0	0.0	74798	Oth motored cycle
0	0.0	74799	Unk motorcycle
			Norton
0	0.0	75701	0-50cc
0	0.0	75702	51-124cc
0	0.0	75703	125-349cc
0	0.0	75704	350-449cc
0	0.0	75705	450-749cc
0	0.0	75706	750cc & over
0	0.0	75709	Unk cc
0	0.0	75798	Oth motored cycle
0	0.0	75799	Unk motorcycle
			Yamaha
0	0.0	76701	0-50cc
0	0.0	76702	51-124cc
0	0.0	76703	125-349cc
0	0.0	76704	350-449cc

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	76705	450-749cc
3	0.0	76706	750cc & over
1	0.0	76709	Unk cc
0	0.0	76731	ATC/ATV 0-50cc
0	0.0	76732	ATC/ATV 51-124cc
0	0.0	76733	ATC/ATV 125-349cc
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 moped
0	0.0	78799	Unk moped
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
1	0.0	79705	450-749cc
0	0.0	79706	750cc & over
0	0.0	79709	Unk cc
0	0.0	79731	ATC/ATV 0-50cc
0	0.0	79732	ATC/ATV 51-124cc
0	0.0	79733	ATC/ATV 125-349cc
0	0.0	79734	ATC/ATV 350cc & over
0	0.0	79739	ATC/ATV unk cc
0	0.0	79798	Oth motored cycle
0	0.0	79799	Unk motorcycle
Brockway			
0	0.0	80850	M/H truck based motorhome
0	0.0	80881	Med/Hvy CBE
0	0.0	80882	Med/Hvy COE low entry
0	0.0	80883	Med/Hvy COE high entry
0	0.0	80884	Med/Hvy Unk engine location
0	0.0	80890	Med/Hvy COE Unk entry position
0	0.0	80898	Other med/hvy trk
0	0.0	80899	Unk med/hvy trk
0	0.0	80950	Bus based Motorhome
0	0.0	80988	Other bus
0	0.0	80989	Unknown bus type
0	0.0	80999	Unknown vehicle

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
			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
0	0.0	82461	Sprinter/Advantage (light panel truck)
0	0.0	82470	Freightliner/White M-line walk in Van
0	0.0	82850	M/H truck based motorhome
30	0.3	82881	Med/Hvy CBE
1	0.0	82882	Med/Hvy COE low entry
3	0.0	82883	Med/Hvy COE high entry
19	0.2	82884	Med/Hvy Unk engine location
5	0.1	82890	Med/Hvy COE Unk entry position
1	0.0	82898	Other med/hvy trk
4	0.0	82899	Unk med/hvy trk
0	0.0	82950	Bus based Motorhome
1	0.0	82981	Conventional Bus
0	0.0	82982	Bus-flat front, front engine
0	0.0	82983	Bus-flat front, rear engine
0	0.0	82988	Other bus
0	0.0	82989	Unknown bus type
0	0.0	82999	Unknown vehicle
			FWD
0	0.0	83850	M/H truck based motorhome
0	0.0	83881	Med/Hvy CBE
0	0.0	83882	Med/Hvy COE low entry
0	0.0	83883	Med/Hvy COE high entry
0	0.0	83884	Med/Hvy Unk engine location
0	0.0	83890	Med/Hvy COE Unk entry position
0	0.0	83898	Other med/hvy trk
0	0.0	83899	Unk med/hvy trk
0	0.0	83950	Bus based Motorhome
0	0.0	83988	Other bus
0	0.0	83989	Unknown bus type
0	0.0	83999	Unknown vehicle
			International Harvester/Navistar
0	0.0	84421	Scout
0	0.0	84431	Travelall
0	0.0	84466	Multistop Van
0	0.0	84481	Pickup

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	84498	Other lt trk
0	0.0	84499	Unk lt trk
0	0.0	84850	M/H truck based motorhome
26	0.3	84881	Med/Hvy CBE
0	0.0	84882	Med/Hvy COE low entry
1	0.0	84883	Med/Hvy COE high entry
4	0.0	84884	Med/Hvy unk engine location
5	0.1	84890	Med/Hvy COE unk entry position
7	0.1	84898	Other med/hvy trk
8	0.1	84899	Unk med/hvy trk
0	0.0	84950	Bus based Motorhome
2	0.0	84981	Conventional Bus
2	0.0	84982	Bus-flat front, front engine
0	0.0	84983	Bus-flat front, rear engine
0	0.0	84988	Other bus
1	0.0	84989	Unknown bus type
0	0.0	84998	Other vehicle
0	0.0	84999	Unk vehicle
Kenworth			
0	0.0	85850	M/H truck based motorhome
12	0.1	85881	Med/Hvy CBE
1	0.0	85882	Med/Hvy COE low entry
1	0.0	85883	Med/Hvy COE high entry
6	0.1	85884	Med/Hvy Unk engine location
3	0.0	85890	Med/Hvy COE Unk entry position
1	0.0	85898	Other med/hvy trk
3	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
19	0.2	86881	Med/Hvy CBE
2	0.0	86882	Med/Hvy COE low entry
0	0.0	86883	Med/Hvy COE high entry
9	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
4	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
11	0.1	87881	Med/Hvy CBE
0	0.0	87882	Med/Hvy COE low entry
1	0.0	87883	Med/Hvy COE high entry

Variable 308:MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
5	0.1	87884	Med/Hvy Unk engine location
1	0.0	87890	Med/Hvy COE Unk entry position
0	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
0	0.0	98805	OSHKOSH
1	0.0	98806	HINO
0	0.0	98807	SCANIA
14	0.1	98808	STERLING COE/Low entry
0	0.0	98850	M/H truck based motorhome
3	0.0	98898	Other med/hvy trk
0	0.0	98902	NEOPLAN Bus
0	0.0	98950	Bus based Motorhome
15	0.1	98988	Other bus
4	0.0	98998	Other vehicle
0	0.0	98999	Unk vehicle
Unknown Make			
35	0.4	99399	Unknown automobile
12	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)

15Sep05	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
16	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
3	0.0	99989	Unknown bus type
0	0.0	99998	Other vehicle
2	0.0	99999	Unk vehicle

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

NHTSA SAS Variable - BODYTYPE

15Sep05	Prcnt	Code	Value and Description
Automobiles			
112	1.1	1	Convertible (excludes sun roof, t-bar)
972	9.7	2	2-door sedan, hardtop, coupe
319	3.2	3	3-door/2-door hatchback
4161	41.6	4	4-door sedan, hardtop
77	0.8	5	5-door/4-door hatchback
199	2.0	6	Station Wagon (excluding van and truck based)
0	0.0	7	Hatchback, number of doors unknown
2	0.0	8	Other automobile type
94	0.9	9	Unknown automobile type
Automobile Derivatives			
2	0.0	10	Auto based pickup (includes El Camino, Caballero, Ranchero, Brat and Rabbit pickup)
0	0.0	11	Auto based panel (cargo station wagon, includes auto based ambulance/hearse)
1	0.0	12	Large limousine - more than four side doors or stretched chassis
0	0.0	13	Three-wheel automobile or automobile derivative

Variable 309:BODY TYPE (Continued)

15Sep05	Prcnt	Code	Value and Description
			Utility Vehicles (< 4,536 kgs GVWR)
1248	12.5	14	Compact utility (includes Jeep CJ-2 thru Jeep CJ-7, Renegade, Wrangler, Navajo, Bronco, Thing)
297	3.0	15	Large utility (includes Jeep Cherokee, Ram Charger, Trailduster, fullsize Blazer, Scout)
68	0.7	16	Utility station wagon (Chevy Suburban, GMC Suburban, Travelall, Grand Wagoneer, includes suburban limousine)
4	0.0	17	3-door vehicle
8	0.1	19	Utility unknown body type
			Van Based Light Trucks (< 4,536 kgs GVWR)
559	5.6	20	Minivan (Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
185	1.9	21	Large van (Sportsman, Royal, Ram, Chevy Van, Voyager-Pre83, Econoline, etc.)
7	0.1	22	Step van or walk-in van (< 4,536 kgs GVWR)
1	0.0	23	Van based motorhome (< 4,536 kgs GVWR)
0	0.0	24	Van based school bus (< 4,536 kgs GVWR)
0	0.0	25	Van based other bus (< 4,536 kgs GVWR)
11	0.1	28	Other van type (Hi-Cube Van, Kary)
4	0.0	29	Unknown van type
			Lt Conventional Truck (P.U. style cab, < 4,536 kgs. GVWR)
500	5.0	30	Compact pickup (Ram 50, Dakota, Arrow Pickup, Ranger, Toyota Pickup, etc.)
780	7.8	31	Large pickup (Jeep Pickup, Comanche, Silverado, Sierra, etc.)
2	0.0	32	Pickup with slide-in camper
2	0.0	33	Convertible pickup
19	0.2	39	Unknown (pickup style) light conventional truck
			Other Light Trucks (< or = 4,536 kgs. GVWR)
12	0.1	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)
1	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)
19	0.2	58	Other bus type (e.g., transit, intercity, bus based motorhome)
1	0.0	59	Unknown bus type
			Medium/Heavy Trucks (> 4,536 kgs GVWR)
3	0.0	60	Step van (> 4,536 kgs GVWR)
20	0.2	61	Single unit straight truck (4,536 kgs < GVWR < or = 8,845 kgs)

Variable 309:BODY TYPE (Continued)

15Sep05	Prcnt	Code	Value and Description
14	0.1	62	Single unit straight truck (8,845 kgs < GVWR < or = 11,793 kgs)
41	0.4	63	Single unit straight truck (> 11,793 kgs GVWR)
22	0.2	64	Single unit straight truck, GVWR unknown
1	0.0	65	Medium/heavy truck based motorhome
9	0.1	67	Truck-tractor with no cargo trailer
154	1.5	68	Truck-tractor pulling one trailer
7	0.1	69	Truck-tractor pulling two or more trailers
2	0.0	70	Truck-tractor (unknown if pulling trailer)
0	0.0	74	Medium / heavy pickup (>= 4,536 kgs)
31	0.3	78	Unknown medium/heavy truck type
3	0.0	79	Unknown truck type (light/medium/heavy)
Motored Cycles (Does not include atv/atc)			
12	0.1	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
0	0.0	92	Farm equipment other than trucks
3	0.0	93	Construction equipment other than trucks
1	0.0	97	Other type vehicle
2	0.0	99	Unknown body type

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

NHTSA SAS Variable - VIN

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

NASS Crashworthiness Data System (CDS)
2004 - General Vehicle

Variable 312	VIN - CHARACTER #2	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 313	VIN - CHARACTER #3	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 314	VIN - CHARACTER #4	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 315	VIN - CHARACTER #5	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 316	VIN - CHARACTER #6	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 317	VIN - CHARACTER #7	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 318	VIN - CHARACTER #8	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 319	VIN - CHARACTER #9	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 320	VIN - CHARACTER #10	Width: 1 Dec: None	Type: Alphabetic Miss: None
Variable 321	VIN LENGTH	Width: 2 Dec: None	Type: Numeric Miss: 99

NHTSA SAS Variable - VINLNGTH

15Sep05	Prcnt	Code	Value and Description
2	0.0	7	- Length of VIN
9359	93.6	17	
545	5.5	99	Unknown

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

NHTSA SAS Variable - INSPTYPE

Type of vehicle inspection

15Sep05	Prcnt	Code	Value and Description
2218	22.2	0	No inspection
250	2.5	1	Vehicle fully repaired - no damage evident
1983	19.8	2	Partial inspection
5197	52.0	3	Complete inspection
352	3.5	9	Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - TOWPAR

Police reported vehicle disposition

15Sep05	Prcnt	Code	Value and Description
1965	19.7	0	Not towed due to vehicle damage
8019	80.2	1	Towed due to vehicle damage
16	0.2	9	Unknown

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

NHTSA SAS Variable - CURBWGT

15Sep05	Prcnt	Code	Value and Description
0	0.0	45	Less than 450 kilograms
1	0.0	57	- Weight (to nearest 10 kilograms)
1	0.0	508	
0	0.0	610	6,100 kilograms or more
1	0.0	612	
706	7.1	999	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - CARGOWGT

15Sep05	Prcnt	Code	Value and Description
5627	56.3	0	Less than 5 kilograms
730	7.3	1	- Weight (to nearest 10 kilograms)
1	0.0	340	
0	0.0	450	4,500 kilograms or more
2544	25.4	999	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - TOWHITCH

15Sep05	Prcnt	Code	Value and Description
9573	95.7	0	No towed unit
47	0.5	1	Yes - towed trailing unit
380	3.8	9	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - VEHUSE

15Sep05	Prcnt	Code	Value and Description
9729	97.3	0	No special use
51	0.5	1	Taxi
8	0.1	2	Vehicle used as school bus
24	0.2	3	Vehicle used as other bus
0	0.0	4	Military
43	0.4	5	Police
7	0.1	6	Ambulance
9	0.1	7	Fire truck or car
0	0.0	8	Other (i.e. funeral hearse)
129	1.3	9	Unknown

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

NHTSA SAS Variable - FOVERIDE

15Sep05	Prcnt	Code	Value and Description
8298	83.0	0	No override/underride, or not an end-over-end between 2 CDS applicable vehs, & no M/H trk or bus underride
			Override
71	0.7	1	First CDC
3	0.0	2	Second CDC
0	0.0	3	Other nonautomated CDC
			Underride
214	2.1	4	First CDC
15	0.1	5	Second CDC
0	0.0	6	Other nonautomated CDC
117	1.2	7	Medium or heavy truck override or underride
1282	12.8	9	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - ROVERRIDE

15Sep05	Prcnt	Code	Value and Description
8778	87.8	0	No override/underride, or not end-over-end between two CDS applicable vehs, and no M/H trk or bus underride
			Override
119	1.2	1	First CDC
15	0.1	2	Second CDC
1	0.0	3	Other nonautomated CDC
			Underride
34	0.3	4	First CDC
2	0.0	5	Second CDC
0	0.0	6	Other nonautomated CDC
25	0.2	7	Medium or heavy truck override or underride
1026	10.3	9	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - ANTILOCK

Vina derived - Antilock Brakes

15Sep05	Prcnt	Code	Value and Description
1122	11.2	1	Not available
3984	39.8	2	4 wheel standard
477	4.8	3	Rear only standard
357	3.6	4	ABS standard, wheels unknown
2022	20.2	5	4 wheel optional
29	0.3	6	Rear only optional
776	7.8	7	ABS optional, wheels unknown
42	0.4	8	Unknown (VINRTN)
1191	11.9	9	Unknown

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

NHTSA SAS Variable - FOURWHDR

Vina derived - Four Wheel Drive

15Sep05	Prcnt	Code	Value and Description
5294	52.9	14	No
100	1.0	25	Yes
546	5.5	39	Unknown
20	0.2	98	Some vehicles of this series (*)
4040	40.4	99	Not applicable or missing data

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

NHTSA SAS Variable - FRTWHLDR

Vina derived - Front Wheel Drive

15Sep05	Prcnt	Code	Value and Description
834	8.3	14	No
4566	45.7	25	Yes
546	5.5	39	Unknown
14	0.1	98	Some vehicles of this series (*)
4040	40.4	99	Not applicable or missing data

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

NHTSA SAS Variable - DRIVE

15Sep05	Prcnt	Code	Value and Description
1376	13.8	1	Rear wheel drive
4562	45.6	2	Front wheel drive
4061	40.6	8	Not applicable, not a passenger car
1	0.0	9	Unknown (four wheel drive potential)

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

NHTSA SAS Variable - WHLDRWHL

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

15Sep05	Prcnt	Code	Value and Description
2095	20.9	42	4 wheels / 2 drive wheels
1529	15.3	44	4 wheels / 4 drive wheels
145	1.4	64	6 wheels / 4 drive wheels
1	0.0	66	6 wheels / 6 drive wheels
6230	62.3	99	Unknown

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

NHTSA SAS Variable - CARBUR

Vina derived - Carburetion

15Sep05	Prcnt	Code	Value and Description
0	0.0	2	B - Higher HP, 1 barrel carburetor
0	0.0	3	C - 1 barrel turbo
5268	52.7	6	F - Unknown, fuel injection rating code
0	0.0	7	G - 1 barrel, electronically controlled
0	0.0	8	H - Unknown, high performance rating code
0	0.0	10	J - Lower HP, 2 barrel carburetor
0	0.0	11	K - Higher HP, 2 barrel carburetor
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
3	0.0	19	S - Lower HP, 4 barrel carburetor
121	1.2	20	T - 1,2,4 barrels, turbo fuel injected
1	0.0	21	U - Higher HP
1	0.0	22	V - 4 barrels, turbo

Variable 335:CARBURETION (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	25	Y - Unknown, turbo
44	0.4	26	Z - Unknown super charged
10	0.1	31	1 barrel
92	0.9	32	2 barrels
14	0.1	33	3 barrels
47	0.5	34	4 barrels
546	5.5	39	Not applicable or missing data
3852	38.5	99	Unknown

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

NHTSA SAS Variable - FUELCODE

Vina derived - Fuel Code

15Sep05	Prcnt	Code	Value and Description
3	0.0	2	B - Electric and gasoline hybrid engine
11	0.1	3	C - Gasoline engine that can be easily converted to a gaseous powered engine (powered by natural gas, propane, etc,)
364	3.6	4	D - Diesel
0	0.0	5	E - Electric
157	1.6	6	F - Flexible fuel
8856	88.6	7	G - Gas (ie Ford engine methanol fuel is coded as gas)
0	0.0	8	H - Ethanol fuel only
0	0.0	13	M - Methanol gas only
2	0.0	14	N - Compressed Natural Gas
0	0.0	16	P - Propane
546	5.5	39	9 - Unknown
61	0.6	99	Not applicable or missing data

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

NHTSA SAS Variable - ROOF1

Vina derived - Roof

15Sep05	Prcnt	Code	Value and Description
8214	82.1	1	None / not available
14	0.1	2	Manual sun / moon roof
496	5.0	3	Power sun / moon roof
13	0.1	4	Removable panels
16	0.2	5	Removable roof
14	0.1	6	Retractable roof panel

Variable 337:ROOF (Continued)

15Sep05	Prcnt	Code	Value and Description
42	0.4	7	Other / unknown
1191	11.9	9	Missing data

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

NHTSA SAS Variable - ROOF2

Vina derived - Optional Roof 1

15Sep05	Prcnt	Code	Value and Description
14	0.1	1	None / not available
479	4.8	2	Manual sun / moon roof
3541	35.4	3	Power sun / moon roof
66	0.7	4	Removable panels
19	0.2	5	Removable roof
14	0.1	6	Retractable roof panel
10	0.1	7	Other / unknown
5857	58.6	9	Missing data

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

NHTSA SAS Variable - ROOF2

Vina derived - Optional Roof 2

15Sep05	Prcnt	Code	Value and Description
0	0.0	1	None / not available
0	0.0	2	Manual sun / moon roof
13	0.1	3	Power sun / moon roof
2	0.0	4	Removable panels
0	0.0	5	Removable roof
11	0.1	6	Retractable roof panel
5	0.1	7	Other / unknown
9969	99.7	9	Missing data

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

NHTSA SAS Variable - DAYRUNLT

Vina derived - Daylight Running Lights

15Sep05	Prcnt	Code	Value and Description
5713	57.1	14	N - Not available
721	7.2	15	O - Optional
2089	20.9	19	S - Standard
286	2.9	21	U - Unknown
546	5.5	39	9 - Unknown
645	6.5	99	Missing data

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

NHTSA SAS Variable - SERTR

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

NHTSA SAS Variable - VEHTYPE

15Sep05	Prcnt	Code	Value and Description
9	0.1	13	M - Motorcycle
5635	56.4	16	P - Passenger vehicle
3777	37.8	20	T - Truck
7	0.1	21	U - Unknown
545	5.5	39	9 - Unknown
27	0.3	99	Unknown or unavailable

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

NHTSA SAS Variable - VEHWGT

15Sep05	Prcnt	Code	Value and Description
1	0.0	799	799 pounds - Nearest Pound
1	0.0	5025	5025 pounds
4521	45.2	9999	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - VINAMOD

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

NHTSA SAS Variable - VINBT

15Sep05 Prcnt Code Value and Description

Passenger Vehicles

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

Variable 345:VIN BODY TYPE (Continued)

15Sep05 Prcnt Code Value and Description

4T Hardtop 4-Door
4W Wagon 4-Door
5D Sedan 5-Door

Trucks

AC Auto Carrier
AR Armored Truck
BU Bus
CB Chassis and Cab
CC Conventional Cab
CG Cargo Van
CH Crew Chassis
CL Club Chassis
CM Concrete or Transit Mixer
CR Crane
CS Super Cab / Chassis Pickup
CU Custom Pickup
CV Convertible (Jeep Commando, Suzuki Samurai, Dodge Dakota)
CW Crew Pickup
CY Cargo Cutaway
DP Dump
DS Tractor Truck (Diesel)
EC Extended Cargo Van
ES Extended Sport Van
EV Ext Van
EW Extended Window Van
FB Flat-Bed or Platform
FC Forward Control
FT Fire Truck
GG Garbage or Refuse
GL Gliders
GN Grain
HO Hopper
IC Incomplete Chassis
IE Incomplete Ext Van
LG Logger
LL Suburban & Carry All
LM Limousine (same code as aut-based)
MH Motorized Home
MP Multi-purpose
MV Maxi Van
MW Maxi Wagon
MY Motorized Cutaway
PC Club Cab Pickup
PD Parcel Delivery
PK Pickup
PM Pickup with Camper Mounted on Bed
PN Panel
PS Super Cab Pickup
RD Roadster (Jeep, Jeep Commando)
SN Step Van
SP Sport Pickup

Variable 345:VIN BODY TYPE (Continued)

15Sep05 Prcnt Code Value and Description

ST Stake or Rack
SV Sports Van
SW Station Wagon (Jeep Wagoneer, Dodge Sportsman A100,
Toyota Landcruiser)
S1 One Seat
S2 Two Seat
TB Tilt Cab
TL Tilt Tandem
TM Tandem
TN Tank
TR Tractor Truck (Gasoline)
UT Utility (Blazer, Jimmy, Scout, etc.)
VC Van Camper
VD Display Van
VN Van
VT Vanette (Including Metro and Handy Van)
VW Window Van
WK Tow Truck Wrecker
WW Wide Wheel Wagon
XT Travelall (IHC version of Chev. Suburban)
YY Cutaway
2W 2-Door Wagon
3B 3-Door Extended Cab / Chassis
3C 4-Door Extended Cab Pickup
4B 3-Door Extended Cab / Chassis
4C 4-Door Extended Cab Pickup
4W 4-Door Wagon
8V 8 Passenger Sport Van

Motorcycles
AT All Terrain
EN Enduro
MK Mini Bike
MM Mini Motor Cross
MP Moped
MR Mini Road / Trail
MS Motor Scooter
MX Motor Cross
MY Mini Cycle
RC Racer
RS Road / Street
RT Road / Trail
T Dirt
TL Trail / Dirt
TR Trails

98 Missing
99 Unknown

NASS Crashworthiness Data System (CDS)
2004 - General Vehicle

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

NHTSA SAS Variable - VINMAKE

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

NHTSA SAS Variable - VINMODYR

15Sep05	Prcnt	Code	Value and Description
1	0.0	1958	1958
		-	
326	3.3	1992	1992
384	3.8	1993	1993
470	4.7	1994	1994
524	5.2	1995	1995
526	5.3	1996	1996
504	5.0	1997	1997
534	5.3	1998	1998
628	6.3	1999	1999
659	6.6	2000	2000
883	8.8	2001	2001
958	9.6	2002	2002
949	9.5	2003	2003
640	6.4	2004	2004
71	0.7	2005	2005
546	5.5	9999	Unknown

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

NHTSA SAS Variable - WGTC DTR

15Sep05	Prcnt	Code	Value and Description
2313	23.1	1	6,000 lbs & under
1178	11.8	2	6,001 - 10,000 lbs
38	0.4	3	10,001 - 14,000 lbs
17	0.2	4	14,001 - 16,000 lbs
6	0.1	5	16,001 - 19,500 lbs
31	0.3	6	19,501 - 26,000 lbs
27	0.3	7	26,001 - 33,000 lbs
162	1.6	8	Over 33,000 lbs
6228	62.3	9	Unknown

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

NHTSA SAS Variable - MCYCLDS

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

NHTSA SAS Variable - OTVEHWGT

15Sep05	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	480	
0	0.0	610	6,100 kilograms or more
0	0.0	997	Not available
1808	18.1	998	Not applicable (most severe impact not with another vehicle or with vehicle hitting itself)
2410	24.1	999	Unknown

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

NHTSA SAS Variable - OTBDYTYP

15Sep05	Prcnt	Code	Value and Description
Automobiles			
63	0.6	1	Convertible (excludes sun roof, t-bar)
560	5.6	2	2-door sedan, hardtop, coupe
183	1.8	3	3-door/2-door hatchback
2595	25.9	4	4-door sedan, hardtop
55	0.6	5	5-door/4-door hatchback
119	1.2	6	Station Wagon (excluding van and truck based)
0	0.0	7	Hatchback, number of doors unknown
1	0.0	8	Other automobile type
35	0.4	9	Unknown automobile type
Automobile Derivatives			
0	0.0	10	Auto based pickup (includes El Camino, Caballero, Ranchero, Brat and Rabbit pickup)
0	0.0	11	Auto based panel (cargo station wagon, includes auto based ambulance/hearse)
0	0.0	12	Large limousine - more than four side doors or stretched chassis
0	0.0	13	Three-wheel automobile or automobile derivative

Variable 351:BODY TYPE - OTHER VEH (Continued)

15Sep05	Prcnt	Code	Value and Description
			Utility Vehicles (< 4,536 kgs GVWR)
753	7.5	14	Compact utility (includes Jeep CJ-2 thru Jeep CJ-7, Renegade, Wrangler, Navajo, Bronco, Thing)
179	1.8	15	Large utility (includes Jeep Cherokee, Ram Charger, Trailduster, fullsize Blazer, Scout)
45	0.5	16	Utility station wagon (Chevy Suburban, GMC Suburban, Travelall, Grand Wagoneer, includes suburban limousine)
3	0.0	17	3-door vehicle
4	0.0	19	Utility unknown body type
			Van Based Light Trucks (< 4,536 kgs GVWR)
380	3.8	20	Minivan (Astro, Caravan, Plymouth Vista, Aerostar, Safari, etc.)
109	1.1	21	Large van (Sportsman, Royal, Ram, Chevy Van, Voyager-Pre83, Econoline, etc.)
3	0.0	22	Step van or walk-in van (< 4,536 kgs GVWR)
0	0.0	23	Van based motorhome (< 4,536 kgs GVWR)
0	0.0	24	Van based school bus (< 4,536 kgs GVWR)
0	0.0	25	Van based other bus (< 4,536 kgs GVWR)
3	0.0	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)
321	3.2	30	Compact pickup (Ram 50, Dakota, Arrow Pickup, Ranger, Toyota Pickup, etc.)
493	4.9	31	Large pickup (Jeep Pickup, Comanche, Silverado, Sierra, etc.)
1	0.0	32	Pickup with slide-in camper
1	0.0	33	Convertible pickup
11	0.1	39	Unknown (pickup style) light conventional truck
			Other Light Trucks (< or = 4,536 kgs. GVWR)
9	0.1	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)
3	0.0	50	School bus (designed to carry students, not cross country or transit)
13	0.1	58	Other bus type (e.g., transit, intercity, bus based motorhome)
1	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)

Variable 351:BODY TYPE - OTHER VEH (Continued)

15Sep05	Prcnt	Code	Value and Description
11	0.1	62	Single unit straight truck (8,845 kgs < GVWR < or = 11,793 kgs)
31	0.3	63	Single unit straight truck (>11,793 kgs GVWR)
17	0.2	64	Single unit straight truck, GVWR unknown
1	0.0	65	Medium/heavy truck based motorhome
4	0.0	67	Truck-tractor with no cargo trailer
111	1.1	68	Truck-tractor pulling one trailer
6	0.1	69	Truck-tractor pulling two or more trailers
2	0.0	70	Truck-tractor (unknown if pulling trailer)
0	0.0	74	Medium / heavy pickup (>= 4,536 kgs)
23	0.2	78	Unknown medium/heavy truck type
2	0.0	79	Unknown truck type (light/medium/heavy)
Motored Cycles (Does not include atv/atc)			
9	0.1	80	Motorcycle
0	0.0	81	Moped (motorized bicycle)
0	0.0	82	Three-wheel motorcycle or moped
0	0.0	88	Other motored cycle type (minibike, motorscooter)
0	0.0	89	Unknown motored cycle type
Other Vehicles			
0	0.0	90	ATV (all terrain vehicle including dune/swamp buggy) and ATC (all terrain cycle)
0	0.0	91	Snowmobile
0	0.0	92	Farm equipment
4	0.0	93	Construction equipment other than trucks
1	0.0	97	Other type vehicle
1808	18.1	98	Not applicable (most severe impact not with another vehicle or with vehicle hitting itself)
2003	20.0	99	Unknown body type

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

NHTSA SAS Variable - ROLLOVER

15Sep05	Prcnt	Code	Value and Description
8753	87.5	0	No rollover (no overturning)
Rollover (primarily about the longitudinal axis)			
147	1.5	1	Rollover - one quarter turn only
243	2.4	2	Rollover - two quarter turns
64	0.6	3	Rollover - three quarter turns
189	1.9	4	Rollover - four quarter turns
25	0.2	5	Rollover - five quarter turn
82	0.8	6	Rollover - six quarter turns
18	0.2	7	Rollover - seven quarter turns
30	0.3	8	Rollover - eight quarter turns

Variable 352:ROLLOVER (Continued)

15Sep05	Prcnt	Code	Value and Description
5	0.1	9	Rollover - nine quarter turns
8	0.1	10	Rollover - ten quarter turns
1	0.0	11	Rollover - eleven quarter turns
9	0.1	12	Rollover - twelve quarter turns
0	0.0	13	Rollover - thirteen quarter turns
1	0.0	14	Rollover - fourteen quarter turns
1	0.0	15	Rollover - fifteen quarter turns
4	0.0	16	Rollover - sixteen quarter turns
0	0.0	17	Rollover - seventeen or more quarter turns
			Rollover (primarily about the lateral axis)
6	0.1	98	Rollover - end-over-end
414	4.1	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

NHTSA SAS Variable - ROLINTYP

For diagram see Appendix A

15Sep05	Prcnt	Code	Value and Description
8753	87.5	0	No rollover
524	5.2	1	Trip-over
60	0.6	2	Flip-over
16	0.2	3	Turn-over
15	0.1	4	Climb-over
51	0.5	5	Fall-over
51	0.5	6	Bounce-over
106	1.1	7	Collision with another vehicle
4	0.0	8	Other rollover initiation type
6	0.1	98	Rollover - end-over-end
414	4.1	99	Unknown rollover initiation type or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - ROLINLOC

Location of rollover initiation

15Sep05	Prcnt	Code	Value and Description
8753	87.5	0	No rollover
197	2.0	1	On roadway
36	0.4	2	On shoulder - paved
51	0.5	3	On shoulder - unpaved
543	5.4	4	On roadside or divided trafficway median
6	0.1	8	Rollover -- end-over-end
414	4.1	9	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - ROLLOBJ

Rollover initiation object contacted

15Sep05	Prcnt	Code	Value and Description
8753	87.5	0	No rollover
			Collision with another vehicle
31	0.3	1	Vehicle Number 1
62	0.6	2	Vehicle Number 2
6	0.1	3	Vehicle Number 3
1	0.0	4	Vehicle Number 4
1	0.0	5	Vehicle Number 5
			Noncollision
67	0.7	31	Turn-over - fall-over
6	0.1	32	No rollover impact initiation (end-over-end)
1	0.0	34	Jackknife
			Collision with fixed object
9	0.1	41	Tree (< or = 10 centimeters in diameter)
17	0.2	42	Tree (> 10 centimeters in diameter)
2	0.0	43	Shrubbery or bush
29	0.3	44	Embankment
2	0.0	45	Breakaway pole or post
			Nonbreakaway pole or post
0	0.0	50	Pole or post (< or = 10 centimeters in diameter)
8	0.1	51	Pole or post (> 10 or < or = 30 centimeters in diameter)
2	0.0	52	Pole or post (> 30 centimeters in diameter)
0	0.0	53	Pole, post - diameter unknown
18	0.2	54	Concrete traffic barrier

Variable 355:ROLLOVER INIT OBJ CONTAC (Continued)

15Sep05	Prcnt	Code	Value and Description
2	0.0	55	Impact attenuator
21	0.2	56	Other traffic barrier (includes guardrail)
0	0.0	57	Fence
2	0.0	58	Wall
1	0.0	59	Building
9	0.1	60	Ditch or culvert
448	4.5	61	Ground
1	0.0	62	Fire hydrant
44	0.4	63	Curb
1	0.0	64	Bridge
37	0.4	68	Other fixed object
0	0.0	69	Unknown fixed object
			Collision with nonfixed object
5	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
0	0.0	77	Train
0	0.0	78	Trailer, disconnected in transport
0	0.0	79	Object fell from vehicle in-transport
0	0.0	88	Other nonfixed object
0	0.0	89	Unknown nonfixed object
0	0.0	98	Other event
414	4.1	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

NHTSA SAS Variable - TRIPLOC

Location on vehicle where initial principal tripping force is applied

15Sep05	Prcnt	Code	Value and Description
8753	87.5	0	No rollover
525	5.2	1	Wheels/tires
93	0.9	2	Side plane
65	0.7	3	End plane
75	0.8	4	Undercarriage
2	0.0	5	Other location on vehicle
67	0.7	6	Noncontact rollover forces
6	0.1	8	Rollover -- end-over-end
414	4.1	9	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - ROLINDIR

Direction of initial roll

15Sep05	Prcnt	Code	Value and Description
8753	87.5	0	No rollover
405	4.0	1	Roll right - primarily about longitudinal axis
420	4.2	2	Roll left - primarily about longitudinal axis
6	0.1	8	Rollover -- end-over-end (i.e., primarily about lateral axis)
416	4.2	9	Unknown roll direction or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - ANGTHIS

Heading angle for this vehicle

15Sep05	Prcnt	Code	Value and Description
1000	10.0	0	- Actual coded value
4	0.0	357	
34	0.3	996	Nonhorizontal impact
501	5.0	997	Noncollision
1523	15.2	998	Impact with object
374	3.7	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

NHTSA SAS Variable - ANGOTHER

Heading angle for other vehicle

15Sep05	Prcnt	Code	Value and Description
945	9.5	0	- Actual coded value
5	0.1	357	
34	0.3	996	Nonhorizontal impact
501	5.0	997	Noncollision
1523	15.2	998	Impact with object
381	3.8	999	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - DVCONFID

Confidence in reconstruction program results

15Sep05	Prcnt	Code	Value and Description
4362	43.6	0	No reconstruction
3533	35.3	1	Collision fits model - results appear reasonable
71	0.7	2	Collision fits model - results appear high
225	2.2	3	Collision fits model - results appear low
1457	14.6	4	Borderline reconstruction - results appear reasonable
352	3.5	9	Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - DVBASIS

15Sep05	Prcnt	Code	Value and Description
1650	16.5	0	No vehicle inspection
			Delta V calculated
3253	32.5	1	Reconstruction program - damage only routine
7	0.1	2	Reconstruction program - damage and trajectory routine
2026	20.3	3	Missing vehicle algorithm
			Delta V not calculated
406	4.1	4	At least one vehicle is beyond the scope of reconstruction program regardless of collision condition
442	4.4	5	Rollover
88	0.9	6	Other nonhorizontal forces
230	2.3	7	Sideswipe type damage
34	0.3	8	Severe override
311	3.1	9	Yielding object
137	1.4	10	Overlapping damage
930	9.3	11	All vehs & collision conditions are within scope, but there is insufficient data available
134	1.3	98	Other
352	3.5	99	Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - DVTOTAL

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	Less than 0.5 kmph
1	0.0	2	- Nearest kmph
1	0.0	123	
0	0.0	160	159.5 kmph and above
4714	47.1	999	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - DVLONG

Values may be negative

15Sep05	Prcnt	Code	Value and Description
		-160	-159.5 kmph and above
		0	0 (Zero) kmph
		4	- Nearest kmph
		112	
		160	159.5 kmph and above
		9999	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - DVLAT

Values may be negative

15Sep05	Prcnt	Code	Value and Description
		-160	-159.5 kmph and above
		0	0 (Zero) kmph
		4	- Nearest kmph
		112	
		160	159.5 kmph and above
		9999	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - ENERGY

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	Less than 50 joules
1	0.0	5	- Nearest 100 joules
1	0.0	6158	
1	0.0	9803	
0	0.0	9997	999,650 joules or more
4714	47.1	9999	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - BAREQSP

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	Less than 0.5 kmph
2	0.0	2	- nearest kmph
1	0.0	120	
0	0.0	160	> or = 159.5 kmph and above
4268	42.7	999	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - DVEST

Estimated Highest Delta V (Researcher determined)

15Sep05	Prcnt	Code	Value and Description
5733	57.3	0	Reconstruction delta V coded
Estimated Delta V			
22	0.2	1	Less than 10 kmph
54	0.5	2	Delta V > or = 10 kmph < 25 kmph
12	0.1	3	Delta V > or = 25 kmph < 40 kmph
2	0.0	4	Delta V > or = 40 kmph < 55 kmph
6	0.1	5	Delta V > or = 55 kmph
Other estimates of damage severities			
456	4.6	6	Minor
993	9.9	7	Moderate
307	3.1	8	Severe

Variable 367:EST HIGHEST DELTA V (Continued)

15Sep05 Prcnt Code Value and Description

2415 24.2 9 Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - SPLIMIT

15Sep05 Prcnt Code Value and Description

84 0.8 0 No statutory limit
 5 0.1 8 8 kmph (5 mph)
 - Posted or statutory limit (kmph)
 43 0.4 121 121 kmph (75mph)
 101 1.0 999 Unknown

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

NHTSA SAS Variable - TRAVELSP

Police reported travel speed (mph x 1.6093 = kmph)

15Sep05 Prcnt Code Value and Description

767 7.7 0 Stopped vehicle or traveling less than 0.5 kmph
 3 0.0 2
 - Police reported travel speed (kmph)
 2 0.0 159
 11 0.1 160 159.5 kmph or greater
 6654 66.5 999 Unknown

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

NHTSA SAS Variable - IMPACTSP

15Sep05 Prcnt Code Value and Description

1 0.0 0 < 0.5 kmph
 1 0.0 29
 - Nearest kmph
 1 0.0 57
 0 0.0 160 > or = 159.0 kmph and above

 5279 52.8 998 Trajectory algorithm
 4714 47.1 999 Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - ACCTYPE

15Sep05 Prcnt	Code	Value and Description
3	0.0	0 No impact
465	4.7	1 - Diagram number (see Appendix B)
10	0.1	93
1043	10.4	98 Other accident type
2	0.0	99 Unknown or no driver present

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

NHTSA SAS Variable - DOCTRAJ

Documentation of trajectory data for this vehicle?

15Sep05 Prcnt	Code	Value and Description
7716	77.2	0 No
1932	19.3	1 Yes
352	3.5	9 Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - CONDTREE

Post collision condition of tree or pole

15Sep05 Prcnt	Code	Value and Description
8825	88.2	0 Not collision (for highest delta V) with tree or pole
525	5.2	1 Not damaged
113	1.1	2 Cracked/sheared
25	0.2	3 Tilted < 45 degrees
12	0.1	4 Tilted > or = 45 degrees
27	0.3	5 Uprooted tree
22	0.2	6 Separated pole from base
58	0.6	7 Pole replaced
11	0.1	8 Other
382	3.8	9 Unknown or Inapplicable Body Type (V309) = 50-99

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

NHTSA SAS Variable - DRIVDIST

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

15Sep05	Prcnt	Code	Value and Description
21	0.2	0	No driver present
3605	36.1	1	Attentive or not distracted
534	5.3	2	Looked but did not see
Distractions			
141	1.4	3	By other occupant(s)
29	0.3	4	By moving object in vehicle
25	0.2	5	While talking or listening to cellular phone (specify location and type of phone)
4	0.0	6	While dialing cellular phone (specify location and type of phone)
0	0.0	7	While adjusting climate controls
30	0.3	8	While adjusting radio, cassette, CD
12	0.1	9	While using other device/controls integral to vehicle
42	0.4	10	While using or reaching for device/object brought into vehicle
198	2.0	11	Sleepy or fell asleep
187	1.9	12	Distracted by outside person, object, or event
11	0.1	13	Eating or drinking
14	0.1	14	Smoking related
47	0.5	97	Distracted/inattentive, details unknown
243	2.4	98	Other distraction
4857	48.6	99	Unknown

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

NHTSA SAS Variable - REMOVE

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

15Sep05	Prcnt	Code	Value and Description
21	0.2	0	No driver present
5304	53.0	1	Going straight
265	2.6	2	Decelerating in traffic lane
27	0.3	3	Accelerating in traffic lane
48	0.5	4	Starting in traffic lane
990	9.9	5	Stopped in traffic lane
84	0.8	6	Passing or overtaking another vehicle
6	0.1	7	Disabled or parked in travel lane
7	0.1	8	Leaving a parked position
4	0.0	9	Entering a parked position
141	1.4	10	Turning right

Variable 375:PRE-EVENT MOVEMENT (Continued)

15Sep05	Prcnt	Code	Value and Description
1298	13.0	11	Turning left
51	0.5	12	Making U-turn
15	0.1	13	Backing up (other than for parking position)
1435	14.3	14	Negotiating a curve
164	1.6	15	Changing lanes
30	0.3	16	Merging
70	0.7	17	Successful avoidance maneuver to a previous critical event
14	0.1	97	Other
26	0.3	99	Unknown

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

NHTSA SAS Variable - PREEVENT

Initial critical precrash event (Precrash 2)

15Sep05	Prcnt	Code	Value and Description
			This Vehicle Loss of Control Due To:
38	0.4	1	Blow out or flat tire
4	0.0	2	Stalled engine
25	0.2	3	Disabling vehicle failure (e.g. wheel fell off)
4	0.0	4	Nondisabling vehicle problem (e.g. hood flew up)
253	2.5	5	Poor road conditions (puddle, pothole, ice, etc.)
370	3.7	6	Traveling too fast for conditions
121	1.2	8	Other cause of control loss
108	1.1	9	Unknown cause of control loss
			This Vehicle Traveling:
448	4.5	10	Over the lane line on left side of travel lane
146	1.5	11	Over the lane line on right side of travel lane
317	3.2	12	Off the edge of the road on the left side
572	5.7	13	Off the edge of the road on the right side
29	0.3	14	End departure
1000	10.0	15	Turning left at intersection
74	0.7	16	Turning right at intersection
977	9.8	17	Crossing over (passing through) intersection
71	0.7	18	This vehicle decelerating
13	0.1	19	Unknown travel direction
			Other Motor Vehicle in Lane:
586	5.9	50	Other vehicle stopped
164	1.6	51	Traveling in same direction with lower steady speed
313	3.1	52	Traveling in same direction while decelerating
1023	10.2	53	Traveling in same direction with higher speed
124	1.2	54	Traveling in opposite direction
111	1.1	55	In crossover

Variable 376:CRITICAL PRECRASH EVENT (Continued)

15Sep05	Prcnt	Code	Value and Description
14	0.1	56	Backing
3	0.0	59	Unknown travel direction of other motor vehicle in lane
Other Motor Vehicle Encroaching Into Lane:			
222	2.2	60	From adjacent lane (same direction) - over left lane line
244	2.4	61	From adjacent lane (same direction) - over right lane line
1106	11.1	62	From opposite direction - over left lane line
37	0.4	63	From opposite direction - over right lane line
9	0.1	64	From parking lane
78	0.8	65	From crossing street - turning into same direction
808	8.1	66	From crossing street - across path
253	2.5	67	From crossing street - turning into opposite direction
14	0.1	68	From crossing street - intended path not known
29	0.3	70	From driveway - turning into same direction
19	0.2	71	From driveway - across path
79	0.8	72	From driveway - turning into opposite direction
4	0.0	73	From driveway - intended path not known
7	0.1	74	From entrance to limited access highway
9	0.1	78	Encroachment by other vehicle - details unknown
Pedestrian or Pedalcyclist, or Other Nonmotorist			
4	0.0	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
2	0.0	84	Pedalcyclist or other nonmotorist approaching roadway
1	0.0	85	Pedalcyclist or other nonmotorist - unknown location
Object or Animal			
59	0.6	87	Animal in roadway
4	0.0	88	Animal approaching roadway
0	0.0	89	Animal - unknown location
33	0.3	90	Object in roadway
4	0.0	91	Object approaching roadway
2	0.0	92	Object - unknown location
57	0.6	98	Other critical precrash event
7	0.1	99	Unknown

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

NHTSA SAS Variable - PREISTAB

15Sep05	Prcnt	Code	Value and Description
21	0.2	0	No driver present
6878	68.8	1	Tracking
900	9.0	2	Skidding longitudinally - rotation less than 30 degrees

Variable 377:PRE-IMPACT STABILITY (Continued)

15Sep05	Prcnt	Code	Value and Description
350	3.5	3	Skidding laterally - clockwise rotation
372	3.7	4	Skidding laterally - counterclockwise rotation
22	0.2	7	Other vehicle loss-of-control
1457	14.6	9	Preocrash stability unknown

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

NHTSA SAS Variable - PREILOC

15Sep05	Prcnt	Code	Value and Description
21	0.2	0	No driver present
6884	68.8	1	Stayed in original travel lane
1029	10.3	2	Stayed on roadway but left original travel lane
63	0.6	3	Stayed on roadway, not known if left original travel lane
1852	18.5	4	Departed roadway
9	0.1	5	Remained off roadway
36	0.4	6	Returned to roadway
51	0.5	7	Entered roadway
55	0.6	9	Unknown

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

NHTSA SAS Variable - MANEUVER

Attempted avoidance maneuver

15Sep05	Prcnt	Code	Value and Description
21	0.2	0	No driver present
3442	34.4	1	No avoidance maneuver
784	7.8	2	Braking (no lockup)
440	4.4	3	Braking (lockup)
126	1.3	4	Braking (lockup unknown)
5	0.1	5	Releasing brakes
352	3.5	6	Steering left
364	3.6	7	Steering right
277	2.8	8	Braking and steering left
290	2.9	9	Braking and steering right
80	0.8	10	Accelerating
19	0.2	11	Accelerating and steering left
14	0.1	12	Accelerating and steering right
42	0.4	98	Other action
3744	37.4	99	Unknown

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

NHTSA SAS Variable - RELINTER

Relation to interchange or junction

15Sep05	Prcnt	Code	Value and Description
3870	38.7	0	Noninterchange area and non-junction
578	5.8	1	Interchange area related
			NonInterchange junctions
4939	49.4	2	Interchange related
591	5.9	3	Driveway, alley access related
22	0.2	4	Other junction
0	0.0	5	Unknown type of junction
0	0.0	9	Unknown

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

NHTSA SAS Variable - TRAFFLOW

15Sep05	Prcnt	Code	Value and Description
5887	58.9	0	Not physically divided (two way trafficway)
2245	22.4	1	Divided trafficway-median strip without positive barrier
1198	12.0	2	Divided trafficway-median strip with positive barrier
670	6.7	3	One way trafficway
0	0.0	9	Unknown

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

NHTSA SAS Variable - LANES

15Sep05	Prcnt	Code	Value and Description
280	2.8	1	One
4304	43.0	2	Two
1760	17.6	3	Three
1870	18.7	4	Four
1270	12.7	5	Five
286	2.9	6	Six
229	2.3	7	Seven or more
1	0.0	9	Unknown

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

NHTSA SAS Variable - ALIGNMNT

15Sep05	Prcnt	Code	Value and Description
8174	81.7	1	Straight
878	8.8	2	Curve right
947	9.5	3	Curve left
1	0.0	9	Unknown

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

NHTSA SAS Variable - PROFILE

15Sep05	Prcnt	Code	Value and Description
7390	73.9	1	Level
1254	12.5	2	Uphill grade (> 2%)
45	0.5	3	Hillcrest
1289	12.9	4	Downhill grade (> 2%)
13	0.1	5	Sag
9	0.1	9	Unknown

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

NHTSA SAS Variable - SURTYPE

15Sep05	Prcnt	Code	Value and Description
1383	13.8	1	Concrete
8529	85.3	2	Bituminous (asphalt)
7	0.1	3	Brick or block
36	0.4	4	Slag, gravel or stone
36	0.4	5	Dirt
9	0.1	8	Other
0	0.0	9	Unknown

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

NHTSA SAS Variable - SURCOND

15Sep05	Prcnt	Code	Value and Description
7916	79.2	1	Dry
1663	16.6	2	Wet

Variable 386:ROADWY SURFACE CONDITION (Continued)

15Sep05 Prcnt Code Value and Description

227	2.3	3	Snow or slush
160	1.6	4	Ice
7	0.1	5	Sand, dirt or oil
16	0.2	8	Other
11	0.1	9	Unknown

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

NHTSA SAS Variable - LGTCOND

15Sep05 Prcnt Code Value and Description

6562	65.6	1	Daylight
994	9.9	2	Dark
2053	20.5	3	Dark, but lighted
154	1.5	4	Dawn
224	2.2	5	Dusk
13	0.1	9	Unknown

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

NHTSA SAS Variable - WEATHER

15Sep05 Prcnt Code Value and Description

8463	84.6	0	No adverse atmospheric-related driving conditions
1174	11.7	1	Rain
21	0.2	2	Sleet/hail
248	2.5	3	Snow
36	0.4	4	Fog
4	0.0	5	Rain and fog
0	0.0	6	Sleet and fog
38	0.4	7	Other (e.g. smog, smoke, blowing sand or dust, etc.)
16	0.2	9	Unknown

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

NHTSA SAS Variable - TRAFCONT

15Sep05 Prcnt Code Value and Description

5922	59.2	0	No traffic control(s)
2998	30.0	1	Traffic control signal (not RR crossing)

Variable 389:TRAFFIC CONTROL DEVICE (Continued)

15Sep05 Prcnt Code Value and Description

		Regulatory	
739	7.4	2	Stop sign
47	0.5	3	Yield sign
3	0.0	4	School zone sign
154	1.5	5	Other regulatory sign
84	0.8	6	Warning sign (not RR crossing)
0	0.0	7	Unknown sign
52	0.5	8	Miscellaneous/other controls including RR controls
1	0.0	9	Unknown

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

NHTSA SAS Variable - TRCTLFCT

Traffic control device functioning

15Sep05 Prcnt Code Value and Description

5922	59.2	0	No traffic control device
15	0.1	1	Traffic control device not functioning
4039	40.4	2	Traffic control device functioning properly
24	0.2	9	Unknown

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

NHTSA SAS Variable - DRPRES

Driver presence in vehicle

15Sep05 Prcnt Code Value and Description

19	0.2	0	Driver not present
9629	96.3	1	Driver present
352	3.5	9	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - DRINKING

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.

15Sep05	Prcnt	Code	Value and Description
8305	83.0	0	No alcohol present
770	7.7	1	Yes alcohol present
449	4.5	7	Not reported
21	0.2	8	No driver present
455	4.5	9	Unknown

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

NHTSA SAS Variable - ALCTEST

Alcohol test result for driver

15Sep05	Prcnt	Code	Value and Description
636	6.4	0.00	- Actual value
2	0.0	0.49	
43	0.4	0.95	Test refused
7976	79.8	0.96	None given
290	2.9	0.97	AC test performed, results unknown
21	0.2	0.98	No driver present
458	4.6	0.99	Unknown

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

NHTSA SAS Variable - DRUGS

Police reported other drug presence for driver

15Sep05	Prcnt	Code	Value and Description
7930	79.3	0	No other drug(s) present
144	1.4	1	Yes other drug(s) present
1459	14.6	7	Not reported
23	0.2	8	No driver present
444	4.4	9	Unknown

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

NHTSA SAS Variable - SPECOTH

Other drug specimen test result for driver

15Sep05	Prcnt	Code	Value and Description
8294	82.9	0	No specimen test given
422	4.2	1	Drug(s) not found in specimen
355	3.6	2	Drug(s) found in specimen
145	1.4	3	Specimen test given, results unknown or not obtained
22	0.2	8	No driver present
762	7.6	9	Unknown if specimen test given

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

NHTSA SAS Variable - DRZIP

15Sep05	Prcnt	Code	Value and Description
24	0.2	1	Driver not a resident of U.S. or territories - Actual 5-digit zip code
21	0.2	99998	Driver not present
307	3.1	99999	Unknown

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

NHTSA SAS Variable - DRRACE

Driver's Race/Ethnic Origin

15Sep05	Prcnt	Code	Value and Description
3828	38.3	1	White (non-Hispanic)
1011	10.1	2	Black (non-Hispanic)
707	7.1	3	White (Hispanic)
24	0.2	4	Black (Hispanic)
28	0.3	5	American Indian, Eskimo or Aleut
178	1.8	6	Asian or Pacific Islander
97	1.0	7	Other
21	0.2	8	Driver not present
4106	41.1	9	Unknown

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

NHTSA SAS Variable - AOPSVEH

Automatic Occupant Protection System (AOPS) in Vehicle?

15Sep05	Prcnt	Code	Value and Description
1594	15.9	0	No or Unknown
7209	72.1	1	Yes - researcher determined
781	7.8	2	VIN determined air bag system
58	0.6	3	VIN determined automatic (passive) belts
6	0.1	4	VIN determined air bag and automatic (passive) belts
352	3.5	9	Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - BAGDEPFV

Air Bag(s) Deployment, First Seat Frontal

15Sep05	Prcnt	Code	Value and Description
1815	18.2	0	Not equipped or not available
3615	36.1	1	No air bags deployed
Single air bag vehicle			
318	3.2	2	Driver air bag deployed
22	0.2	3	Driver air bag, unknown if deployed
Multiple air bag vehicle			
137	1.4	4	Driver side only deployed
32	0.3	5	Passenger side only deployed
2278	22.8	6	Driver and passenger side only deployed
159	1.6	7	Driver and passenger side, unknown if deployed
155	1.6	8	Air bag(s) deployed, details unknown
1469	14.7	9	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - BAGDEPOV

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

15Sep05	Prcnt	Code	Value and Description
8175	81.8	0	Not equipped with an "other" air bag
189	1.9	1	Deployed during accident (as a result of impact)
0	0.0	2	Deployed inadvertently just prior to accident

Variable 400: AIR BAG DEPLOY OTH SEAT (Continued)

15Sep05	Prcnt	Code	Value and Description
		3	Deployed, details unknown
		4	Deployed as a result of a noncollision event during accident sequence (e.g. fire, explosion, electrical)
		5	Unknown if deployed
		7	Nondeployed
		9	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - RESTYPE

Vina derived - Restraint Type

15Sep05	Prcnt	Code	Value and Description
		1	A - Active (manual) belts
		2	B - Driver front air bag / passenger side belt unknown
		3	C - Dual front air bags / belt system unknown
		4	D - Dual front air bag / passenger side passive belt
		5	E - Dual front air bags / active belts
		6	F - Dual front air bags / passive belts
		7	G - Dual air bags front and side/belts unknown
		8	H - Dual air bags front, head and sides / belts unknown
		9	I - Dual air bags front, head and sides / passive belts
		10	J - Dual air bags front and sides / passive belts
		11	K - Dual air bags front and sides / active belts
		12	L - Dual air bags front, head and sides / active belts
		13	M - Driver front air bag / passenger side active belt
		14	N - If unable to determine
		16	P - Passive (automatic) belts
		18	R - Dual air bags front and side / active belts w/automatic passenger sensor
		19	S - Dual air bags front, head, and side / active belts w/automatic passenger sensor
		20	T - Dual air bags front / active belts / rear passenger side air bag
		21	U - Dual front air bag / active belts w/passenger side deactivation/cutoff switch
		22	V - Dual air bags front, head, and side / active belts / rear dual side air bags
		23	W - Dual air bags front, head, and side / active belts w/automatic passenger sensor / rear dual side air bags
		24	X - Dual air bags front / side air bag, driver-side only / active belts
		25	Y - Dual front and side air bags with passenger deactivation switch
		34	4 - Dual front air bags with passenger sensor: active belts

Variable 401:RESTRAINT TYPE (Continued)

15Sep05	Prcnt	Code	Value and Description
15	0.1	37	7 - Dual front, side, head air bags, rear head air bags: active belts
546	5.5	39	Not applicable or missing data
483	4.8	99	Unknown

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

NHTSA SAS Variable - VTREAT

Maxumim treatment in this vehicle

15Sep05	Prcnt	Code	Value and Description
2564	25.6	0	No treatment
395	4.0	1	Fatal
19	0.2	2	Fatal - ruled disease
1551	15.5	3	Hospitalization
2707	27.1	4	Transported and released
99	1.0	5	Treatment at scene
275	2.8	6	Treatment later
1	0.0	7	Treatment - other
116	1.2	8	Transported - unknown treatment
2273	22.7	9	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - VAIS

15Sep05	Prcnt	Code	Value and Description
2118	21.2	0	Not injured
3229	32.3	1	Minor injury
764	7.6	2	Moderate injury
662	6.6	3	Serious injury
266	2.7	4	Severe injury
214	2.1	5	Critical injury
77	0.8	6	Maximum (untreatable) injury
428	4.3	7	Injury, unknown severity
2242	22.4	9	Unknown if injured or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - VINJSER

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

15Sep05	Prcnt	Code	Value and Description
6626	66.3	0	None
1106	11.1	1	- Number of persons
3	0.0	5	
2099	21.0	99	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - VINJURED

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

15Sep05	Prcnt	Code	Value and Description
2261	22.6	0	None
4099	41.0	1	- Number of persons
1	0.0	14	
2099	21.0	99	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - OCUPANTS

15Sep05	Prcnt	Code	Value and Description
15	0.1	0	- Actual number of occupants for vehicle
1	0.0	18	
0	0.0	97	97 or more
352	3.5	99	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - OCCFORMS

Number of occupant forms submitted

15Sep05	Prcnt	Code	Value and Description
1747	17.5	0	- Number of occupant forms
1	0.0	18	
352	3.5	99	Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - ACCSEQDV

15Sep05	Prcnt	Code	Value and Description
6567	65.7	1	Event #1
947	9.5	2	Event #2
312	3.1	3	Event #3
113	1.1	4	Event #4
37	0.4	5	Event #5
12	0.1	6	Event #6
3	0.0	7	Event #7
1	0.0	8	Event #8
4	0.0	9	Event #9
1	0.0	10	Event #10
1	0.0	14	Event #14
2002	20.0	99	Unknown, no indication of Delta V coded, or 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

NHTSA SAS Variable - PSU

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

NHTSA SAS Variable - CASEID

Variable 503	RECORD NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variables Casekey 4 and Casekey 5

15Sep05 Prcnt	Code Value and Description	
2570 25.7	0	Filler - No damage record for this vehicle.
7430 74.3	6	Exterior Damage record

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

NHTSA SAS Variable - VERSION

15Sep05 Prcnt	Code Value and Description	
10000 100.0	17	Version 17

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

NHTSA SAS Variable - VEHNUM

15Sep05 Prcnt	Code Value and Description	
5597 56.0	1	Vehicle #1

Variable 505:VEHICLE NUMBER (Continued)

15Sep05	Prcnt	Code	Value and Description
3639	36.4	2	Vehicle #2
600	6.0	3	Vehicle #3
130	1.3	4	Vehicle #4
26	0.3	5	Vehicle #5
6	0.1	6	Vehicle #6
2	0.0	7	Vehicle #7

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

NHTSA SAS Variable - ACCSEQ1

CDC 1 - ACCIDENT EVENT SEQUENCE NUMBER

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	No event
6078	60.8	1	- Sequence number
1	0.0	14	
2570	25.7	99	No Record

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

NHTSA SAS Variable - OBJCONT1

15Sep05	Prcnt	Code	Value and Description
Collision with Motor Vehicle in Transport			
0	0.0	0	No event or CDC applicable
2585	25.9	1	- Vehicle number
2	0.0	7	
Noncollision			
446	4.5	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			
39	0.4	41	Tree (< or = 10 cm in diameter)
350	3.5	42	Tree (> 10 cm in diameter)
3	0.0	43	Shrubbery or bush
60	0.6	44	Embankment
23	0.2	45	Breakaway pole or post (any diameter)

Variable 507:OBJECT CONTACTED (1) (Continued)

15Sep05	Prcnt	Code	Value and Description
			Nonbreakaway pole or post
24	0.2	50	Pole or post (< or = 10 cm in diameter)
176	1.8	51	Pole or post (> 10 or < or = 30 cm in diameter)
80	0.8	52	Pole or post (> 30 cm in diameter)
12	0.1	53	Pole, post - diameter unknown
109	1.1	54	Concrete traffic barrier
2	0.0	55	Impact attenuator
117	1.2	56	Other traffic barrier (includes guardrail)
17	0.2	57	Fence
29	0.3	58	Wall
29	0.3	59	Building
45	0.5	60	Ditch or culvert
15	0.1	61	Ground
8	0.1	62	Fire hydrant
11	0.1	63	Curb
10	0.1	64	Bridge
31	0.3	68	Other fixed object
1	0.0	69	Unknown fixed object
			Collision with nonfixed object
95	1.0	70	Passenger car, light truck, van or other vehicle not in-transport
12	0.1	71	Medium/heavy truck or bus not in-transport
1	0.0	72	Pedestrian
0	0.0	73	Cyclist or cycle
0	0.0	74	Other nonmotorist or conveyance
0	0.0	75	Vehicle occupant
16	0.2	76	Animal
4	0.0	77	Train
1	0.0	78	Trailer, disconnected in transport
7	0.1	79	Object fell from vehicle in transport
30	0.3	88	Other nonfixed object
0	0.0	89	Unknown nonfixed object
1	0.0	98	Other event
2571	25.7	99	Unknown event or object

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

NHTSA SAS Variable - DOF1

15Sep05	Prcnt	Code	Value and Description
559	5.6	0	Nonhorizontal force
730	7.3	1	1 o'clock
376	3.8	2	2 o'clock
196	2.0	3	3 o'clock

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

15Sep05 Prcnt Code Value and Description

43	0.4	4	4 o'clock
39	0.4	5	5 o'clock
585	5.9	6	6 o'clock
66	0.7	7	7 o'clock
49	0.5	8	8 o'clock
223	2.2	9	9 o'clock
394	3.9	10	10 o'clock
764	7.6	11	11 o'clock
2393	23.9	12	12 o'clock

End shift vertical - up; top shift forward

1	0.0	21	1 o'clock
1	0.0	26	6 o'clock
2	0.0	31	11 o'clock
10	0.1	32	12 o'clock

End shift vertical - down; top shift rearward

1	0.0	41	1 o'clock
5	0.1	46	6 o'clock
1	0.0	51	11 o'clock
2	0.0	52	12 o'clock

End or top shift lateral - right

6	0.1	61	1 o'clock
5	0.1	62	2 o'clock
11	0.1	63	3 o'clock
1	0.0	65	5 o'clock
2	0.0	67	7 o'clock
1	0.0	68	8 o'clock
4	0.0	69	9 o'clock
37	0.4	70	10 o'clock
96	1.0	71	11 o'clock
10	0.1	72	12 o'clock

End or top shift lateral - left

104	1.0	81	1 o'clock
38	0.4	82	2 o'clock
2	0.0	83	3 o'clock
1	0.0	86	6 o'clock
1	0.0	87	7 o'clock
6	0.1	89	9 o'clock
5	0.1	90	10 o'clock
4	0.0	91	11 o'clock
25	0.2	92	12 o'clock

3201 32.0 99 Unknown/No record

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

NHTSA SAS Variable - GAD1

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

NHTSA SAS Variable - SHL1

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

NHTSA SAS Variable - SVL1

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

NHTSA SAS Variable - TDD1

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

NHTSA SAS Variable - EXTENT1

CDC 1 - DEFORMATION EXTENT

15Sep05 Prcnt Code Value and Description

0	0.0	0	No event
1822	18.2	1	Extent zone 1
2127	21.3	2	Extent zone 2
1335	13.3	3	Extent zone 3
465	4.7	4	Extent zone 4
214	2.1	5	Extent zone 5
205	2.0	6	Extent zone 6
52	0.5	7	Extent zone 7
38	0.4	8	Extent zone 8
103	1.0	9	Extent zone 9
3639	36.4	99	Unknown/No record

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

NHTSA SAS Variable - GAD1 (numeric recode)

Deformation location (1) - numeric

15Sep05	Prcnt	Code	Value and Description
664	6.6	2	B - Back (rear)
4102	41.0	6	F - Front
1024	10.2	12	L - Left side
874	8.7	18	R - Right side
416	4.2	20	T - Top
18	0.2	21	U - Undercarriage
332	3.3	39	Unknown
2570	25.7	99	Not applicable or No CDC

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

NHTSA SAS Variable - SHL1 (numeric recode)

Specific longitudinal or lateral location (1) - numeric

15Sep05	Prcnt	Code	Value and Description
112	1.1	2	B
75	0.8	3	C
2830	28.3	4	D
332	3.3	6	F
547	5.5	12	L
289	2.9	16	P
437	4.4	18	R
1158	11.6	25	Y
920	9.2	26	Z
730	7.3	39	Unknown
2570	25.7	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)

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

15Sep05 Prcnt Code Value and Description

6 F - Front section
16 P - Center section
25 Y - F+P
26 Z - P+B
39 Unknown

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

NHTSA SAS Variable - SVL1 (numeric recode)

Specific vertical or lateral location (1) - numeric

15Sep05 Prcnt Code Value and Description

503	5.0	1	A
1	0.0	3	C
402	4.0	4	D
5554	55.5	5	E
7	0.1	7	G
11	0.1	8	H
176	1.8	12	L
33	0.3	13	M
6	0.1	18	R
17	0.2	23	W
6	0.1	25	Y
2	0.0	26	Z
712	7.1	39	Unknown
2570	25.7	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

NHTSA SAS Variable - TDD1 (numeric recode)

Type of damage distribution (1) - numeric

15Sep05	Prcnt	Code	Value and Description
18	0.2	1	A - Overhanging structure
649	6.5	5	E - Corner
266	2.7	14	N - Narrow impact area
449	4.5	15	O - Rollover (includes side)
156	1.6	19	S - Sideswipe
12	0.1	21	U - No residual deformation
5119	51.2	23	W - Wide impact area
761	7.6	39	Unknown
2570	25.7	99	Not applicable or No CDC

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

NHTSA SAS Variable - ACCSEQ2

CDC 2 - ACCIDENT EVENT SEQUENCE NUMBER

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	No event
608	6.1	1	- Sequence number
1	0.0	12	
7222	72.2	99	No Record

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

NHTSA SAS Variable - OBJCONT2

15Sep05	Prcnt	Code	Value and Description
Collision with Motor Vehicle in Transport			
0	0.0	0	No event or not CDC applicable
415	4.2	1	- Vehicle number
2	0.0	7	
Noncollision			
263	2.6	31	Overturn - rollover (excludes end-over-end)
2	0.0	32	Rollover - end-over-end
0	0.0	34	Jackknife

Variable 519:OBJECT CONTACTED (2) (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	38	Other noncollision
0	0.0	39	Noncollision - details unknown
			Collision with fixed object
57	0.6	41	Tree (< or = 10 cm in diameter)
125	1.2	42	Tree (> 10 cm in diameter)
18	0.2	43	Shrubbery or bush
63	0.6	44	Embankment
45	0.5	45	Breakaway pole or post (any diameter)
			Nonbreakaway pole or post
82	0.8	50	Pole or post (< or = 10 cm in diameter)
83	0.8	51	Pole or post (> 10 or < or = 30 cm in diameter)
25	0.2	52	Pole or post (> 30 cm in diameter)
2	0.0	53	Pole, post - diameter unknown
79	0.8	54	Concrete traffic barrier
1	0.0	55	Impact attenuator
123	1.2	56	Other traffic barrier (includes guardrail)
74	0.7	57	Fence
36	0.4	58	Wall
24	0.2	59	Building
54	0.5	60	Ditch or culvert
22	0.2	61	Ground
16	0.2	62	Fire hydrant
141	1.4	63	Curb
10	0.1	64	Bridge
86	0.9	68	Other fixed object
1	0.0	69	Unknown fixed object
			Collision with nonfixed object
59	0.6	70	Passenger car, light truck, van or other vehicle not in-transport
2	0.0	71	Medium/heavy truck or bus not in-transport
3	0.0	72	Pedestrian
0	0.0	73	Cyclist or cycle
0	0.0	74	Other nonmotorist or conveyance
1	0.0	75	Vehicle occupant
2	0.0	76	Animal
2	0.0	77	Train
2	0.0	78	Trailer, disconnected in transport
2	0.0	79	Object fell from vehicle in transport
30	0.3	88	Other nonfixed object
1	0.0	89	Unknown nonfixed object
3	0.0	98	Other event
7238	72.4	99	Unknown event or object

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

NHTSA SAS Variable - DOF2

15Sep05	Prcnt	Code	Value and Description
438	4.4	0	Nonhorizontal force
120	1.2	1	1 o'clock
71	0.7	2	2 o'clock
315	3.1	3	3 o'clock
42	0.4	4	4 o'clock
38	0.4	5	5 o'clock
132	1.3	6	6 o'clock
52	0.5	7	7 o'clock
37	0.4	8	8 o'clock
340	3.4	9	9 o'clock
77	0.8	10	10 o'clock
81	0.8	11	11 o'clock
703	7.0	12	12 o'clock
			End shift vertical - up; top shift forward
1	0.0	21	1 o'clock
2	0.0	32	12 o'clock
			End shift vertical - down; top shift rearward
			End or top shift lateral - right
1	0.0	70	10 o'clock
2	0.0	71	11 o'clock
1	0.0	72	12 o'clock
			End or top shift lateral - left
4	0.0	81	1 o'clock
3	0.0	82	2 o'clock
3	0.0	84	4 o'clock
1	0.0	89	9 o'clock
7536	75.4	99	Unknown/No record

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

NHTSA SAS Variable - GAD2

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

NHTSA SAS Variable - SHL2

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

NHTSA SAS Variable - SVL2

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

NHTSA SAS Variable - TDD2

<u>Variable 525</u>	<u>DEFORMATION EXTENT (2)</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - EXTENT2

CDC 2 - DEFORMATION EXTENT

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	No event
1132	11.3	1	Extent zone 1
543	5.4	2	Extent zone 2
291	2.9	3	Extent zone 3
63	0.6	4	Extent zone 4
20	0.2	5	Extent zone 5
24	0.2	6	Extent zone 6
9	0.1	7	Extent zone 7
5	0.1	8	Extent zone 8
35	0.4	9	Extent zone 9
7878	78.8	99	Unknown/No record

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

NHTSA SAS Variable - GAD2 (numeric recode)

Deformation location (2) - numeric

15Sep05	Prcnt	Code	Value and Description
159	1.6	2	B - Back (rear)
884	8.8	6	F - Front
691	6.9	12	L - Left side
666	6.7	18	R - Right side
216	2.2	20	T - Top
69	0.7	21	U - Undercarriage
93	0.9	39	Unknown
7222	72.2	99	Not applicable or No CDC

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

NHTSA SAS Variable - SHL2 (numeric recode)

Specific longitudinal or lateral location (2) - numeric

15Sep05	Prcnt	Code	Value and Description
400	4.0	2	B
40	0.4	3	C
573	5.7	4	D
191	1.9	6	F
172	1.7	12	L
196	2.0	16	P
193	1.9	18	R
250	2.5	25	Y
320	3.2	26	Z
443	4.4	39	Unknown
7222	72.2	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)

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

15Sep05 Prcnt Code Value and Description

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

NHTSA SAS Variable - SVL2 (numeric recode)

Specific vertical or lateral location (2) - numeric

15Sep05 Prcnt Code Value and Description

178	1.8	1	A
1	0.0	3	C
202	2.0	4	D
1573	15.7	5	E
7	0.1	7	G
10	0.1	8	H
139	1.4	12	L
70	0.7	13	M
10	0.1	18	R
148	1.5	23	W
9	0.1	25	Y
9	0.1	26	Z
422	4.2	39	Unknown
7222	72.2	99	Not applicable or No CDC

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

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

CDC (Lateral - Top and Undercarriage Impacts)

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

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

NHTSA SAS Variable - TDD2 (numeric recode)

Type of damage distribution (2) - numeric

15Sep05	Prcnt	Code	Value and Description
2	0.0	1	A - Overhanging structure
195	1.9	5	E - Corner
401	4.0	14	N - Narrow impact area
259	2.6	15	O - Rollover (includes side)
174	1.7	19	S - Sideswipe
21	0.2	21	U - No residual deformation
1258	12.6	23	W - Wide impact area
468	4.7	39	Unknown
7222	72.2	99	Not applicable or No CDC

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

NHTSA SAS Variable - DVL

Width of direct and induced damage

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	Less than 0.5 centimeters
1	0.0	18	18 cm
		-	
1	0.0	595	595 cm
4789	47.9	999	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - DVC1

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

15Sep05	Prcnt	Code	Value and Description
1535	15.3	0	Less than 0.5 centimeters
		-	
1	0.0	194	194 cm
4789	47.9	999	Unknown or Inapplicable - Body Type (V309) = 50-99

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

NHTSA SAS Variable - DVC2

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

NHTSA SAS Variable - DVC3

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

NHTSA SAS Variable - DVC4

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

NHTSA SAS Variable - DVC5

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

NHTSA SAS Variable - DVC6

<u>Variable 537</u>	<u>HIGHEST DELTA-V - "D"</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - DVD

<u>Variable 538</u>	<u>SECOND DELTA-V - "L"</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - SDVL

<u>Variable 539</u>	<u>SECOND DELTA-V - "C1"</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - SDVC1

<u>Variable 540</u>	<u>SECOND DELTA-V - "C2"</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - SDVC2

<u>Variable 541</u>	<u>SECOND DELTA-V - "C3"</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - SDVC3

<u>Variable 542</u>	<u>SECOND DELTA-V - "C4"</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - SDVC4

<u>Variable 543</u>	<u>SECOND DELTA-V - "C5"</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - SDVC5

<u>Variable 544</u>	<u>SECOND DELTA-V - "C6"</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - SDVC6

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

NHTSA SAS Variable - SDVD

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

NHTSA SAS Variable - DOCCDC

Are CDCs documented but not coded on the automated file?

15Sep05	Prcnt	Code	Value and Description
6512	65.1	0	No
918	9.2	1	Yes
2570	25.7	9	No record

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

NHTSA SAS Variable - TOWRES

Researcher's assessment of vehicle disposition

15Sep05	Prcnt	Code	Value and Description
1143	11.4	0	Not towed due to vehicle damage
5867	58.7	1	Towed due to vehicle damage
2990	29.9	9	Unknown/No record

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

NHTSA SAS Variable - WHEELBAS

15Sep05	Prcnt	Code	Value and Description
1	0.0	202	- Wheelbase (in increments of 1 cm)
1	0.0	466	
0	0.0	650	650 centimeters or more
2574	25.7	999	Unknown/No record

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

NHTSA SAS Variable - ALTVEH

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

15Sep05	Prcnt	Code	Value and Description
7302	73.0	0	No post manufacturer modifications
120	1.2	1	Yes - post manufacturer modifications

Variable 549: MULTI-STAGE VEHICLE (Continued)

15Sep05	Prcnt	Code	Value and Description
2578	25.8	9	Unknown if vehicle is modified

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

NHTSA SAS Variable - FIRE

15Sep05	Prcnt	Code	Value and Description
7377	73.8	0	No fire
			Yes, fire occurred
26	0.3	1	Minor
27	0.3	2	Major
2570	25.7	9	Unknown

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

NHTSA SAS Variable - FIREORIG

15Sep05	Prcnt	Code	Value and Description
7377	73.8	0	No fire
0	0.0	1	Vehicle exterior (front, side, back, top)
0	0.0	2	Exhaust system
3	0.0	3	Fuel tank (and other fuel retention system parts)
44	0.4	4	Engine compartment
0	0.0	5	Cargo/trunk compartment
1	0.0	6	Instrument panel
0	0.0	7	Passenger compartment area
1	0.0	8	Other location
2574	25.7	9	Unknown

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

NHTSA SAS Variable - FUELTKN1

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	No fuel tank (electric vehicle)
4754	47.5	1	Metallic
2420	24.2	2	NonMetallic
2826	28.3	9	Unknown

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

NHTSA SAS Variable - FUELTKN2

15Sep05	Prcnt	Code	Value and Description
7353	73.5	0	No fuel tank (electric vehicle)
70	0.7	1	Metallic
3	0.0	2	NonMetallic
2574	25.7	9	Unknown

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

NHTSA SAS Variable - FUELLOC1

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	No fuel tank
970	9.7	1	Aft of center of the rear wheels (rear axle) centered
73	0.7	2	Aft of center of the rear wheels (rear axle) left side
44	0.4	3	Aft of center of the rear wheels (rear axle) right side
3496	35.0	4	Forward of center of the rear wheels (rear axle) centered
2081	20.8	5	Forward of center of the rear wheels (rear axle) left side
484	4.8	6	Forward of center of the rear wheels (rear axle) right side
80	0.8	7	Over center of the rear wheels (rear axle)
18	0.2	8	Other
2754	27.5	9	Unknown

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

NHTSA SAS Variable - FUELLOC2

15Sep05	Prcnt	Code	Value and Description
7353	73.5	0	No fuel tank
40	0.4	1	Aft of center of the rear wheels (rear axle) centered
4	0.0	2	Aft of center of the rear wheels (rear axle) left side
0	0.0	3	Aft of center of the rear wheels (rear axle) right side
0	0.0	4	Forward of center of the rear wheels (rear axle) centered
16	0.2	5	Forward of center of the rear wheels (rear axle) left side
11	0.1	6	Forward of center of the rear wheels (rear axle) right side
1	0.0	7	Over center of the rear wheels (rear axle)
3	0.0	8	Other
2572	25.7	9	Unknown

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

NHTSA SAS Variable - FUELCAP1

Fuel tank 1 filler cap location

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	No fuel tank
100	1.0	1	On back plane
3625	36.2	2	Aft of center of the rear wheels (rear axle) on left side plane
1895	18.9	3	Aft of center of the rear wheels (rear axle) on right side plane
1379	13.8	4	Forward of center of the rear wheels (rear axle) on left side plane
114	1.1	5	Forward of center of the rear wheels (rear axle) on right side plane
170	1.7	6	Over the center of the rear wheels (rear axle) on left side plane
79	0.8	7	Over the center of the rear wheels (rear axle) on right side plane
12	0.1	8	Other
2626	26.3	9	Unknown

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

NHTSA SAS Variable - FUELCAP2

Fuel tank 2 filler cap location

15Sep05	Prcnt	Code	Value and Description
7353	73.5	0	No fuel tank
2	0.0	1	On back plane
45	0.5	2	Aft of center of the rear wheels (rear axle) on left side plane
1	0.0	3	Aft of center of the rear wheels (rear axle) on right side plane
14	0.1	4	Forward of center of the rear wheels (rear axle) on left side plane
8	0.1	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
4	0.0	8	Other
2572	25.7	9	Unknown

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

NHTSA SAS Variable - FUELDAM1

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	No fuel tank
6789	67.9	1	No damage to fuel tank
130	1.3	2	Deformed, no seam failure
2	0.0	3	Deformed, with a seam failure
6	0.1	4	Punctured
1	0.0	5	Lacerated (ripped)
32	0.3	6	Abraded (scraped)
9	0.1	7	Filler neck separation from the fuel tank
15	0.1	8	Other damage
3016	30.2	9	Unknown

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

NHTSA SAS Variable - FUELDAM2

15Sep05	Prcnt	Code	Value and Description
7353	73.5	0	No fuel tank
64	0.6	1	No damage to fuel tank
2	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
1	0.0	8	Other damage
2580	25.8	9	Unknown

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

NHTSA SAS Variable - FUELEAK1

Location of fuel system 1 leakage

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	No fuel tank
6942	69.4	1	No fuel leakage
			Primary area of leakage
9	0.1	2	Tank
13	0.1	3	Filler neck
0	0.0	4	Cap

Variable 560:LOCATION OF FUEL 1 LEAK (Continued)

15Sep05	Prcnt	Code	Value and Description
5	0.1	5	Lines/pump/filter
0	0.0	6	Vent/emission recovery
2	0.0	8	Other
3029	30.3	9	Unknown

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

NHTSA SAS Variable - FUELEAK2

Location of fuel system 2 leakage

15Sep05	Prcnt	Code	Value and Description
7353	73.5	0	No fuel tank
67	0.7	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
2580	25.8	9	Unknown

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

NHTSA SAS Variable - FUELTYP1

15Sep05	Prcnt	Code	Value and Description
			Single fuel type
0	0.0	0	No fuel tank
7312	73.1	1	Gasoline
97	1.0	2	Diesel
1	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)
2	0.0	8	Other (Hydrogen or others)
			Electric powered or electric/solar powered vehicles
0	0.0	10	Lead acid battery

Variable 562:FUEL TYPE 1 (Continued)

15Sep05	Prcnt	Code	Value and Description
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
2586	25.9	99	Unknown

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

NHTSA SAS Variable - FUELTP2

15Sep05	Prcnt	Code	Value and Description
			Single fuel type
7350	73.5	0	No fuel tank
68	0.7	1	Gasoline
6	0.1	2	Diesel
0	0.0	3	CNG (Compressed Natural Gas)
0	0.0	4	LPG (Liquid Petroleum Gas) also known as Propane
0	0.0	5	LNG (Liquid Natural Gas)
0	0.0	6	Methanol (M100 or M85)
2	0.0	7	Ethanol (E100 or E85)
1	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
1	0.0	12	Nickel-cadmium battery
0	0.0	13	Sodium metal chloride battery
0	0.0	14	Sodium sulfur battery
2	0.0	18	Other
0	0.0	98	Other Hybrid
2570	25.7	99	Unknown

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

NHTSA SAS Variable - FUELGT2

Is this vehicle equipped with more than two fuel tanks?

15Sep05	Prcnt	Code	Value and Description
7430	74.3	0	No (one or two tanks only)

Variable 564:MORE THAN 2 FUEL TANKS (Continued)

15Sep05	Prcnt	Code	Value and Description
			Yes - more than two tanks
0	0.0	1	Yes, no damage to any tank or filler cap and no fuel system leakage
0	0.0	2	Yes, no damage to any tank or filler cap but there is fuel system leakage
0	0.0	3	Yes, damage to additional tank or filler cap and there is fuel system leakage, and specify the following: Type of tank Tank location Filler cap location Tank damage Location of leakage Type of fuel
2570	25.7	9	Unknown if more than two tanks

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

NHTSA SAS Variable - UNDENDW

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

15Sep05	Prcnt	Code	Value and Description
2	0.0	121	- Code measured value to the nearest centimeter
1	0.0	236	
0	0.0	250	250 centimeters or more
2664	26.6	998	No highest severity end plane impact
2752	27.5	999	Unknown

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

NHTSA SAS Variable - DIRDAMW

Direct damage width (for highest severity impact)

15Sep05	Prcnt	Code	Value and Description
1	0.0	1	- Code measured value to the nearest centimeter
2	0.0	249	
401	4.0	250	250 centimeters or more
4073	40.7	999	Unknown

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

NHTSA SAS Variable - ORIGAVTW

Original average track width

15Sep05	Prcnt	Code	Value and Description
1	0.0	101	- Code to the nearest centimeter
1	0.0	184	
6	0.1	185	185 centimeters or more
2755	27.6	999	Unknown

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

NHTSA SAS Variable - PDOF1

Primary CDC Clock in degrees

15Sep05	Prcnt	Code	Value and Description
1138	11.4	0	0 degrees
		-	
757	7.6	350	350 degrees
559	5.6	998	Non horizontal impact
3197	32.0	999	Unknown

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

NHTSA SAS Variable - PDOF2

Secondary CDC Clock in degrees

15Sep05	Prcnt	Code	Value and Description
445	4.5	0	0 degrees
		-	
113	1.1	350	350 degrees
438	4.4	998	Non horizontal impact
7533	75.3	999	Unknown

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

NHTSA SAS Variable - VEHNUM

15Sep05	Prcnt	Code	Value and Description
5597	56.0	1	Vehicle #1
3639	36.4	2	Vehicle #2
600	6.0	3	Vehicle #3
130	1.3	4	Vehicle #4
26	0.3	5	Vehicle #5
6	0.1	6	Vehicle #6
2	0.0	7	Vehicle #7

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

NHTSA SAS Variable - PASINTEG

Passenger compartment integrity

15Sep05	Prcnt	Code	Value and Description
5	0.1	0	No integrity loss
			Yes, integrity was lost through:
69	0.7	1	Windshield
18	0.2	2	Door (side)
2	0.0	3	Door/hatch (back door)
0	0.0	4	Roof
7	0.1	5	Roof glass
1008	10.1	6	Side window
164	1.6	7	Rear window (backlight)
0	0.0	8	Roof and roof glass
3	0.0	9	Windshield and door (side)
1	0.0	10	Windshield and roof
379	3.8	11	Side and rear window (side window and backlight)
195	1.9	12	Windshield and side window
56	0.6	13	Door and side window
477	4.8	98	Other combination of above
7616	76.2	99	Unknown/No record

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

NHTSA SAS Variable - OPENLF

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

15Sep05	Prcnt	Code	Value and Description
3	0.0	0	No door/gate/hatch
4879	48.8	1	Door/gate/hatch remained closed and operational
65	0.7	2	Door/gate/hatch came open during collision
1195	12.0	3	Door/gate/hatch jammed shut
9	0.1	8	Other
3849	38.5	9	Unknown/No record

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

NHTSA SAS Variable - OPENRF

Door, tailgate or hatch opening - right front

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	No door/gate/hatch
4981	49.8	1	Door/gate/hatch remained closed and operational
52	0.5	2	Door/gate/hatch came open during collision
1127	11.3	3	Door/gate/hatch jammed shut
9	0.1	8	Other
3831	38.3	9	Unknown/No record

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

NHTSA SAS Variable - OPENLR

Door, tailgate or hatch opening - left rear

15Sep05	Prcnt	Code	Value and Description
2077	20.8	0	No door/gate/hatch
3491	34.9	1	Door/gate/hatch remained closed and operational
17	0.2	2	Door/gate/hatch came open during collision
662	6.6	3	Door/gate/hatch jammed shut
2	0.0	8	Other
3751	37.5	9	Unknown/No record

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

NHTSA SAS Variable - OPENRR

Door, tailgate or hatch opening - right rear

15Sep05	Prcnt	Code	Value and Description
1842	18.4	0	No door/gate/hatch
3731	37.3	1	Door/gate/hatch remained closed and operational
19	0.2	2	Door/gate/hatch came open during collision
654	6.5	3	Door/gate/hatch jammed shut
4	0.0	8	Other
3750	37.5	9	Unknown/No record

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

NHTSA SAS Variable - OPENTG

Door, tailgate or hatch opening - tailgate

15Sep05	Prcnt	Code	Value and Description
4504	45.0	0	No door/gate/hatch
1701	17.0	1	Door/gate/hatch remained closed and operational
35	0.4	2	Door/gate/hatch came open during collision
159	1.6	3	Door/gate/hatch jammed shut
5	0.1	8	Other
3596	36.0	9	Unknown/No record

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

NHTSA SAS Variable - FAILLF

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

15Sep05	Prcnt	Code	Value and Description
6444	64.4	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)
29	0.3	2	Latch/striker failure due to damage
5	0.1	3	Hinge failure due to damage
14	0.1	4	Door structure failure due to damage
10	0.1	5	Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
2	0.0	6	Latch/striker and hinge failure due to damage
2	0.0	8	Other failure

Variable 612:DOOR/GATE/HATCH DAM - LF (Continued)

15Sep05 Prcnt Code Value and Description

3493 34.9 9 Unknown/No record

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

NHTSA SAS Variable - FAILRF

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

15Sep05 Prcnt Code Value and Description

6457 64.6 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)

19 0.2 2 Latch/striker failure due to damage

1 0.0 3 Hinge failure due to damage

20 0.2 4 Door structure failure due to damage

6 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

2 0.0 8 Other failure

3493 34.9 9 Unknown/No record

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

NHTSA SAS Variable - FAILLR

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

15Sep05 Prcnt Code Value and Description

6492 64.9 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)

5 0.1 2 Latch/striker failure due to damage

1 0.0 3 Hinge failure due to damage

7 0.1 4 Door structure failure due to damage

2 0.0 5 Door support (i.e., pillar, sill, roof side rail, etc.)
 failure due to damage

1 0.0 6 Latch/striker and hinge failure due to damage

0 0.0 8 Other failure

3492 34.9 9 Unknown/No record

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

NHTSA SAS Variable - FAILRR

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

15Sep05	Prcnt	Code	Value and Description
6490	64.9	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)
7	0.1	2	Latch/striker failure due to damage
0	0.0	3	Hinge failure due to damage
6	0.1	4	Door structure failure due to damage
4	0.0	5	Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
2	0.0	6	Latch/striker and hinge failure due to damage
0	0.0	8	Other failure
3491	34.9	9	Unknown/No record

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

NHTSA SAS Variable - FAILTG

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

15Sep05	Prcnt	Code	Value and Description
6474	64.7	0	No door/gate/hatch or door not opened
			Door, tailgate, or hatch came open during collision
0	0.0	1	Door operational (no damage)
17	0.2	2	Latch/striker failure due to damage
1	0.0	3	Hinge failure due to damage
10	0.1	4	Door structure failure due to damage
3	0.0	5	Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage
0	0.0	6	Latch/striker and hinge failure due to damage
3	0.0	8	Other failure
3492	34.9	9	Unknown/No record

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

NHTSA SAS Variable - GLIMPWS

Glazing damage from impact forces - windshield

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	No glazing
2831	28.3	1	No glazing damage from impact forces
2806	28.1	2	Glazing in place and cracked from impact forces
369	3.7	3	Glazing in place and holed from impact forces
92	0.9	4	Glazing out-of-place (cracked or not) and not holed from impact forces
79	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
3823	38.2	9	Unknown if damaged/No record

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

NHTSA SAS Variable - GLIMPLF

Glazing damage from impact forces - left front window

15Sep05	Prcnt	Code	Value and Description
3	0.0	0	No glazing
4926	49.3	1	No glazing damage from impact forces
21	0.2	2	Glazing in place and cracked from impact forces
0	0.0	3	Glazing in place and holed from impact forces
4	0.0	4	Glazing out-of-place (cracked or not) and not holed from impact forces
0	0.0	5	Glazing out-of-place and holed from impact forces
1207	12.1	6	Glazing disintegrated from impact forces
2	0.0	7	Glazing removed prior to accident
3837	38.4	9	Unknown if damaged/No record

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

NHTSA SAS Variable - GLIMPRF

Glazing damage from impact forces - right front window

15Sep05	Prcnt	Code	Value and Description
3	0.0	0	No glazing
5156	51.6	1	No glazing damage from impact forces
13	0.1	2	Glazing in place and cracked from impact forces

Variable 619:IMPACT GLAZING DAM - RF (Continued)

15Sep05	Prcnt	Code	Value and Description
1	0.0	3	Glazing in place and holed from impact forces
2	0.0	4	Glazing out-of-place (cracked or not) and not holed from impact forces
0	0.0	5	Glazing out-of-place and holed from impact forces
1014	10.1	6	Glazing disintegrated from impact forces
2	0.0	7	Glazing removed prior to accident
3809	38.1	9	Unknown if damaged/No record

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

NHTSA SAS Variable - GLIMPLR

Glazing damage from impact forces - left rear window

15Sep05	Prcnt	Code	Value and Description
506	5.1	0	No glazing
5051	50.5	1	No glazing damage from impact forces
10	0.1	2	Glazing in place and cracked from impact forces
0	0.0	3	Glazing in place and holed from impact forces
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
633	6.3	6	Glazing disintegrated from impact forces
4	0.0	7	Glazing removed prior to accident
3793	37.9	9	Unknown if damaged/No record

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

NHTSA SAS Variable - GLIMPRR

Glazing damage from impact forces - right rear window

15Sep05	Prcnt	Code	Value and Description
478	4.8	0	No glazing
5105	51.1	1	No glazing damage from impact forces
5	0.1	2	Glazing in place and cracked from impact forces
0	0.0	3	Glazing in place and holed from impact forces
1	0.0	4	Glazing out-of-place (cracked or not) and not holed from impact forces
0	0.0	5	Glazing out-of-place and holed from impact forces
621	6.2	6	Glazing disintegrated from impact forces
6	0.1	7	Glazing removed prior to accident
3784	37.8	9	Unknown if damaged/No record

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

NHTSA SAS Variable - GLIMPBL

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

15Sep05	Prcnt	Code	Value and Description
24	0.2	0	No glazing
5255	52.6	1	No glazing damage from impact forces
24	0.2	2	Glazing in place and cracked from impact forces
0	0.0	3	Glazing in place and holed from impact forces
18	0.2	4	Glazing out-of-place (cracked or not) and not holed from impact forces
1	0.0	5	Glazing out-of-place and holed from impact forces
852	8.5	6	Glazing disintegrated from impact forces
7	0.1	7	Glazing removed prior to accident
3819	38.2	9	Unknown if damaged/No record

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

NHTSA SAS Variable - GLIMPRUF

Glazing damage from impact forces - roof

15Sep05	Prcnt	Code	Value and Description
5132	51.3	0	No glazing
1147	11.5	1	No glazing damage from impact forces
22	0.2	2	Glazing in place and cracked from impact forces
1	0.0	3	Glazing in place and holed from impact forces
16	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
105	1.1	6	Glazing disintegrated from impact forces
2	0.0	7	Glazing removed prior to accident
3573	35.7	9	Unknown if damaged/No record

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

NHTSA SAS Variable - GLIMPOTH

Glazing damage from impact forces - other

15Sep05	Prcnt	Code	Value and Description
5623	56.2	0	No glazing
728	7.3	1	No glazing damage from impact forces
3	0.0	2	Glazing in place and cracked from impact forces

Variable 624:IMPACT GLAZING DAM - OTH (Continued)

15Sep05	Prcnt	Code	Value and Description
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
122	1.2	6	Glazing disintegrated from impact forces
0	0.0	7	Glazing removed prior to accident
3524	35.2	9	Unknown if damaged/No record

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

NHTSA SAS Variable - GLOCCWS

Glazing damage from occupant contact - windshield

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	No glazing
5418	54.2	1	No occupant contact to glazing
56	0.6	2	Glazing contacted by occupant but no glazing damage
506	5.1	3	Glazing in place and cracked by occupant contact
22	0.2	4	Glazing in place and holed by occupant contact
1	0.0	5	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
5	0.1	6	Glazing out-of-place by occupant contact and holed by occupant contact
0	0.0	7	Glazing removed prior to accident
3	0.0	8	Glazing disintegrated by occupant contact
3989	39.9	9	Unknown if contacted by occupant

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

NHTSA SAS Variable - GLOCCLF

Glazing damage from occ contact - left front window

15Sep05	Prcnt	Code	Value and Description
3	0.0	0	No glazing
6006	60.1	1	No occupant contact to glazing
64	0.6	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

Variable 626:CONTACT GLAZING DAM - LF (Continued)

15Sep05	Prcnt	Code	Value and Description
2	0.0	7	Glazing removed prior to accident
31	0.3	8	Glazing disintegrated by occupant contact
3894	38.9	9	Unknown if contacted by occupant

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

NHTSA SAS Variable - GLOCCRF

Glazing damage from occupant contact - right front window

15Sep05	Prcnt	Code	Value and Description
3	0.0	0	No glazing
6115	61.1	1	No occupant contact to glazing
28	0.3	2	Glazing contacted by occupant but no glazing damage
0	0.0	3	Glazing in place and cracked by occupant contact
0	0.0	4	Glazing in place and holed by occupant contact
0	0.0	5	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	6	Glazing out-of-place by occupant contact and holed by occupant contact
2	0.0	7	Glazing removed prior to accident
12	0.1	8	Glazing disintegrated by occupant contact
3840	38.4	9	Unknown if contacted by occupant

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

NHTSA SAS Variable - GLOCCLR

Glazing damage from occupant contact - left rear window

15Sep05	Prcnt	Code	Value and Description
506	5.1	0	No glazing
5686	56.9	1	No occupant contact to glazing
13	0.1	2	Glazing contacted by occupant but no glazing damage
0	0.0	3	Glazing in place and cracked by occupant contact
0	0.0	4	Glazing in place and holed by occupant contact
0	0.0	5	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	6	Glazing out-of-place by occupant contact and holed by occupant contact
4	0.0	7	Glazing removed prior to accident
1	0.0	8	Glazing disintegrated by occupant contact
3790	37.9	9	Unknown if contacted by occupant

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

NHTSA SAS Variable - GLOCCRR

Glazing damage from occupant contact - right rear window

15Sep05	Prcnt	Code	Value and Description
478	4.8	0	No glazing
5724	57.2	1	No occupant contact to glazing
7	0.1	2	Glazing contacted by occupant but no glazing damage
0	0.0	3	Glazing in place and cracked by occupant contact
0	0.0	4	Glazing in place and holed by occupant contact
0	0.0	5	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	6	Glazing out-of-place by occupant contact and holed by occupant contact
6	0.1	7	Glazing removed prior to accident
1	0.0	8	Glazing disintegrated by occupant contact
3784	37.8	9	Unknown if contacted by occupant

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

NHTSA SAS Variable - GLOCCBL

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

15Sep05	Prcnt	Code	Value and Description
24	0.2	0	No glazing
6143	61.4	1	No occupant contact to glazing
13	0.1	2	Glazing contacted by occupant but no glazing damage
0	0.0	3	Glazing in place and cracked by occupant contact
0	0.0	4	Glazing in place and holed by occupant contact
0	0.0	5	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	6	Glazing out-of-place by occupant contact and holed by occupant contact
7	0.1	7	Glazing removed prior to accident
9	0.1	8	Glazing disintegrated by occupant contact
3804	38.0	9	Unknown if contacted by occupant

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

NHTSA SAS Variable - GLOCCRUF

Glazing damage from occupant damage - roof

15Sep05	Prcnt	Code	Value and Description
5132	51.3	0	No glazing
1281	12.8	1	No occupant contact to glazing
5	0.1	2	Glazing contacted by occupant but no glazing damage
1	0.0	3	Glazing in place and cracked by occupant contact
0	0.0	4	Glazing in place and holed by occupant contact
0	0.0	5	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	6	Glazing out-of-place by occupant contact and holed by occupant contact
2	0.0	7	Glazing removed prior to accident
1	0.0	8	Glazing disintegrated by occupant contact
3578	35.8	9	Unknown if contacted by occupant

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

NHTSA SAS Variable - GLOCCOTH

Glazing damage from occupant contact - other

15Sep05	Prcnt	Code	Value and Description
5623	56.2	0	No glazing
848	8.5	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
1	0.0	5	Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact
0	0.0	6	Glazing out-of-place by occupant contact and holed by occupant contact
0	0.0	7	Glazing removed prior to accident
1	0.0	8	Glazing disintegrated by occupant contact
3525	35.2	9	Unknown if contacted by occupant

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

NHTSA SAS Variable - GLTYPWS

Type of window/windshield glazing - windshield

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	No glazing contact
6439	64.4	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
1	0.0	8	Other
3560	35.6	9	Unknown

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

NHTSA SAS Variable - GLTYPLF

Type of window/windshield glazing - left front window

15Sep05	Prcnt	Code	Value and Description
3	0.0	0	No glazing contact
2	0.0	1	AS-1 - Laminated
5592	55.9	2	AS-2 - Tempered
92	0.9	3	AS-3 - Tempered-tinted (original)
594	5.9	4	AS-2 - Tempered-tinted after market tint
7	0.1	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
9	0.1	8	Other
3699	37.0	9	Unknown

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

NHTSA SAS Variable - GLTYPRF

Type of window/windshield glazing - right front window

15Sep05	Prcnt	Code	Value and Description
3	0.0	0	No glazing contact
2	0.0	1	AS-1 - Laminated
5584	55.8	2	AS-2 - Tempered

Variable 635:TYPE OF GLAZING - RF (Continued)

15Sep05	Prcnt	Code	Value and Description
105	1.1	3	AS-3 - Tempered-tinted (original)
603	6.0	4	AS-2 - Tempered-tinted after market tint
7	0.1	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
9	0.1	8	Other
3685	36.9	9	Unknown

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

NHTSA SAS Variable - GLTYPLR

Type of window/windshield glazing - left rear window

15Sep05	Prcnt	Code	Value and Description
506	5.1	0	No glazing contact
2	0.0	1	AS-1 - Laminated
3823	38.2	2	AS-2 - Tempered
1364	13.6	3	AS-3 - Tempered-tinted (original)
605	6.0	4	AS-2 - Tempered-tinted after market tint
42	0.4	5	AS-3 - Tempered-tinted (with additional after market tint)
3	0.0	6	AS-14 - Glass/plastic
4	0.0	7	Glazing removed prior to accident
21	0.2	8	Other
3630	36.3	9	Unknown

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

NHTSA SAS Variable - GLTYPRR

Type of window/windshield glazing - right rear window

15Sep05	Prcnt	Code	Value and Description
478	4.8	0	No glazing contact
1	0.0	1	AS-1 - Laminated
3851	38.5	2	AS-2 - Tempered
1373	13.7	3	AS-3 - Tempered-tinted (original)
607	6.1	4	AS-2 - Tempered-tinted after market tint
30	0.3	5	AS-3 - Tempered-tinted (with additional after market tint)
3	0.0	6	AS-14 - Glass/plastic
6	0.1	7	Glazing removed prior to accident
22	0.2	8	Other
3629	36.3	9	Unknown

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

NHTSA SAS Variable - GLTYPBL

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

15Sep05	Prcnt	Code	Value and Description
24	0.2	0	No glazing contact
1	0.0	1	AS-1 - Laminated
4145	41.5	2	AS-2 - Tempered
1430	14.3	3	AS-3 - Tempered-tinted (original)
605	6.0	4	AS-2 - Tempered-tinted after market tint
37	0.4	5	AS-3 - Tempered-tinted (with additional after market tint)
12	0.1	6	AS-14 - Glass/plastic
7	0.1	7	Glazing removed prior to accident
39	0.4	8	Other
3700	37.0	9	Unknown

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

NHTSA SAS Variable - GLTYPRUF

Type of window/windshield glazing - roof

15Sep05	Prcnt	Code	Value and Description
5132	51.3	0	No glazing contact
0	0.0	1	AS-1 - Laminated
99	1.0	2	AS-2 - Tempered
1132	11.3	3	AS-3 - Tempered-tinted (original)
21	0.2	4	AS-2 - Tempered-tinted after market tint
25	0.2	5	AS-3 - Tempered-tinted (with additional after market tint)
2	0.0	6	AS-14 - Glass/plastic
2	0.0	7	Glazing removed prior to accident
1	0.0	8	Other
3586	35.9	9	Unknown

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

NHTSA SAS Variable - GLTYPOT

Type of window/windshield glazing - other

15Sep05	Prcnt	Code	Value and Description
5623	56.2	0	No glazing contact
0	0.0	1	AS-1 - Laminated
362	3.6	2	AS-2 - Tempered

Variable 640:TYPE OF GLAZING - OT (Continued)

15Sep05	Prcnt	Code	Value and Description
410	4.1	3	AS-3 - Tempered-tinted (original)
72	0.7	4	AS-2 - Tempered-tinted after market tint
12	0.1	5	AS-3 - Tempered-tinted (with additional after market tint)
1	0.0	6	AS-14 - Glass/plastic
0	0.0	7	Glazing removed prior to accident
5	0.1	8	Other
3515	35.1	9	Unknown

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

NHTSA SAS Variable - GLPREWS

Window glazing pre-crash status - windshield

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	No glazing
6496	65.0	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
3504	35.0	9	Unknown

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

NHTSA SAS Variable - GLPRELF

Window glazing pre-crash status - left front window

15Sep05	Prcnt	Code	Value and Description
3	0.0	0	No glazing
1	0.0	1	Fixed
5188	51.9	2	Closed
451	4.5	3	Partially opened
569	5.7	4	Fully opened
2	0.0	7	Glazing removed prior to accident
3786	37.9	9	Unknown

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

NHTSA SAS Variable - GLPRERF

Window glazing pre-crash status - right front window

15Sep05	Prcnt	Code	Value and Description
3	0.0	0	No glazing
3	0.0	1	Fixed
5590	55.9	2	Closed
361	3.6	3	Partially opened
300	3.0	4	Fully opened
2	0.0	7	Glazing removed prior to accident
3741	37.4	9	Unknown

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

NHTSA SAS Variable - GLPRELR

Window glazing pre-crash status - left rear window

15Sep05	Prcnt	Code	Value and Description
506	5.1	0	No glazing
1214	12.1	1	Fixed
4386	43.9	2	Closed
154	1.5	3	Partially opened
53	0.5	4	Fully opened
4	0.0	7	Glazing removed prior to accident
3683	36.8	9	Unknown

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

NHTSA SAS Variable - GLPRERR

Window glazing pre-crash status - right rear window

15Sep05	Prcnt	Code	Value and Description
478	4.8	0	No glazing
1239	12.4	1	Fixed
4412	44.1	2	Closed
134	1.3	3	Partially opened
56	0.6	4	Fully opened
6	0.1	7	Glazing removed prior to accident
3675	36.8	9	Unknown

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

NHTSA SAS Variable - GLPREBL

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

15Sep05	Prcnt	Code	Value and Description
24	0.2	0	No glazing
5554	55.5	1	Fixed
796	8.0	2	Closed
21	0.2	3	Partially opened
19	0.2	4	Fully opened
7	0.1	7	Glazing removed prior to accident
3579	35.8	9	Unknown

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

NHTSA SAS Variable - GLPRERUF

Window glazing pre-crash status - roof

15Sep05	Prcnt	Code	Value and Description
5132	51.3	0	No glazing
88	0.9	1	Fixed
1062	10.6	2	Closed
92	0.9	3	Partially opened
49	0.5	4	Fully opened
2	0.0	7	Glazing removed prior to accident
3575	35.8	9	Unknown

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

NHTSA SAS Variable - GLPREOTH

Window glazing pre-crash status - other

15Sep05	Prcnt	Code	Value and Description
5623	56.2	0	No glazing
722	7.2	1	Fixed
140	1.4	2	Closed
7	0.1	3	Partially opened
4	0.0	4	Fully opened
0	0.0	7	Glazing removed prior to accident
3504	35.0	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

NHTSA SAS Variable - PSU

Variable 702	CASE NUMBER	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - CASEID

Variable 703	RECORD NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variables Casekey 4 and Casekey 5

15Sep05 Prcnt	Code Value and Description
3491 34.9	0 Filler - No damage record for this vehicle.
6509 65.1	8 Interior Damage "B" record

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

NHTSA SAS Variable - VERSION

15Sep05 Prcnt	Code Value and Description
10000 100.0	17 Version 17

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

NHTSA SAS Variable - VEHNUM

15Sep05	Prcnt	Code	Value and Description
5597	56.0	1	Vehicle #1
3639	36.4	2	Vehicle #2
600	6.0	3	Vehicle #3
130	1.3	4	Vehicle #4
26	0.3	5	Vehicle #5
6	0.1	6	Vehicle #6
2	0.0	7	Vehicle #7

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

NHTSA SAS Variable - INLOC1

15Sep05	Prcnt	Code	Value and Description
952	9.5	11	Front row - left
174	1.7	12	Front row - middle
779	7.8	13	Front row - right
265	2.6	21	Second row - left
63	0.6	22	Second row - middle
245	2.5	23	Second row - right
9	0.1	31	Third row - left
2	0.0	32	Third row - middle
9	0.1	33	Third row - right
2	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
1	0.0	43	Fourth row - right
3736	37.4	96	No Intrusion
6	0.1	97	Catastrophic
45	0.5	98	Other enclosed area
3712	37.1	99	Unknown/No record

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

NHTSA SAS Variable - INCOMPL

15Sep05	Prcnt	Code	Value and Description
Interior components			
21	0.2	1	Steering assembly
73	0.7	2	Instrument panel left
26	0.3	3	Instrument panel center
73	0.7	4	Instrument panel right
343	3.4	5	Toe pan

Variable 707:INTRUDING COMPONENT (1) (Continued)

15Sep05	Prcnt	Code	Value and Description
135	1.4	6	A-pillar (A1/A2)
140	1.4	7	B-pillar
43	0.4	8	C-pillar
8	0.1	9	D-pillar
68	0.7	10	Side panel - forward of A-pillar (A1/A2)
480	4.8	11	Door panel (side)
48	0.5	12	Side panel - rear of B-pillar
225	2.2	13	Roof (or convertible top)
63	0.6	14	Roof side rail
153	1.5	15	Windshield
91	0.9	16	Windshield header
21	0.2	17	Window frame
184	1.8	18	Floor pan (includes sill)
15	0.1	19	Backlight header
82	0.8	20	Front seat back
111	1.1	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
11	0.1	25	Seat cushion
27	0.3	26	Back door/panel (e.g. tailgate)
61	0.6	27	Other interior component
Exterior components			
5	0.1	30	Hood
8	0.1	31	Outside surface of this vehicle
17	0.2	32	Other exterior object in the environment
1	0.0	33	Unknown exterior object
3736	37.4	96	No Intrusion
6	0.1	97	Catastrophic
13	0.1	98	Intrusion of unlisted component(s)
3712	37.1	99	Unknown/No record

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

NHTSA SAS Variable - INMAG1

Magnitude of intrusion (1)

15Sep05	Prcnt	Code	Value and Description
483	4.8	1	> or = 3 centimeters but < 8 centimeters
533	5.3	2	> or = 8 centimeters but < 15 centimeters
739	7.4	3	> or = 15 centimeters but < 30 centimeters
441	4.4	4	> or = 30 centimeters but < 46 centimeters
215	2.1	5	> or = 46 centimeters but < 61 centimeters
135	1.4	6	> or = 61 centimeters
6	0.1	7	Catastrophic

Variable 708:INTRUSION MAGNITUDE (1) (Continued)

15Sep05 Prcnt Code Value and Description

3736	37.4	8	No Intrusion
3712	37.1	9	Unknown/No record

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

NHTSA SAS Variable - CDRIR1

Dominant crush direction (1)

15Sep05 Prcnt Code Value and Description

562	5.6	1	Vertical
932	9.3	2	Longitudinal
1052	10.5	3	Lateral
6	0.1	7	Catastrophic
3736	37.4	8	No Intrusion
3712	37.1	9	Unknown/No record

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

NHTSA SAS Variable - INLOC2

15Sep05 Prcnt Code Value and Description

795	8.0	11	Front row - left
214	2.1	12	Front row - middle
597	6.0	13	Front row - right
210	2.1	21	Second row - left
71	0.7	22	Second row - middle
183	1.8	23	Second row - right
10	0.1	31	Third row - left
1	0.0	32	Third row - middle
8	0.1	33	Third row - right
1	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
1	0.0	43	Fourth row - right
4366	43.7	96	No Intrusion
0	0.0	97	Catastrophic
31	0.3	98	Other enclosed area
3512	35.1	99	Unknown/No record

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

NHTSA SAS Variable - INCOMP2

15Sep05	Prcnt	Code	Value and Description
Interior components			
21	0.2	1	Steering assembly
91	0.9	2	Instrument panel left
33	0.3	3	Instrument panel center
62	0.6	4	Instrument panel right
165	1.7	5	Toe pan
122	1.2	6	A-pillar (A1/A2)
160	1.6	7	B-pillar
34	0.3	8	C-pillar
3	0.0	9	D-pillar
59	0.6	10	Side panel - forward of A-pillar (A1/A2)
285	2.9	11	Door panel (side)
34	0.3	12	Side panel - rear of B-pillar
213	2.1	13	Roof (or convertible top)
105	1.1	14	Roof side rail
148	1.5	15	Windshield
108	1.1	16	Windshield header
22	0.2	17	Window frame
183	1.8	18	Floor pan (includes sill)
17	0.2	19	Backlight header
42	0.4	20	Front seat back
96	1.0	21	Second seat back
3	0.0	22	Third seat back
0	0.0	23	Fourth seat back
0	0.0	24	Fifth seat back
30	0.3	25	Seat cushion
25	0.2	26	Back door/panel (e.g. tailgate)
31	0.3	27	Other interior component
Exterior components			
3	0.0	30	Hood
5	0.1	31	Outside surface of this vehicle
12	0.1	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
4366	43.7	96	No Intrusion
0	0.0	97	Catastrophic
10	0.1	98	Intrusion of unlisted component(s)
3512	35.1	99	Unknown/No record

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

NHTSA SAS Variable - INMAG2

Magnitude of intrusion (2)

15Sep05	Prcnt	Code	Value and Description
442	4.4	1	> or = 3 centimeters but < 8 centimeters
506	5.1	2	> or = 8 centimeters but < 15 centimeters
638	6.4	3	> or = 15 centimeters but < 30 centimeters
325	3.2	4	> or = 30 centimeters but < 46 centimeters
137	1.4	5	> or = 46 centimeters but < 61 centimeters
74	0.7	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4366	43.7	8	No Intrusion
3512	35.1	9	Unknown/No record

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

NHTSA SAS Variable - CDRIR2

Dominant crush direction (2)

15Sep05	Prcnt	Code	Value and Description
540	5.4	1	Vertical
698	7.0	2	Longitudinal
884	8.8	3	Lateral
0	0.0	7	Catastrophic
4366	43.7	8	No Intrusion
3512	35.1	9	Unknown/No record

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

NHTSA SAS Variable - INLOC3

15Sep05	Prcnt	Code	Value and Description
643	6.4	11	Front row - left
189	1.9	12	Front row - middle
542	5.4	13	Front row - right
184	1.8	21	Second row - left
54	0.5	22	Second row - middle
191	1.9	23	Second row - right
11	0.1	31	Third row - left
5	0.1	32	Third row - middle
4	0.0	33	Third row - right
0	0.0	41	Fourth row - left

Variable 714:INTRUSION LOCATION (3) (Continued)

15Sep05	Prcnt	Code	Value and Description
1	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
4642	46.4	96	No Intrusion
0	0.0	97	Catastrophic
25	0.2	98	Other enclosed area
3509	35.1	99	Unknown/No record

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

NHTSA SAS Variable - INCOMP3

15Sep05	Prcnt	Code	Value and Description
			Interior components
17	0.2	1	Steering assembly
78	0.8	2	Instrument panel left
67	0.7	3	Instrument panel center
46	0.5	4	Instrument panel right
82	0.8	5	Toe pan
109	1.1	6	A-pillar (A1/A2)
137	1.4	7	B-pillar
35	0.4	8	C-pillar
2	0.0	9	D-pillar
48	0.5	10	Side panel - forward of A-pillar (A1/A2)
222	2.2	11	Door panel (side)
17	0.2	12	Side panel - rear of B-pillar
194	1.9	13	Roof (or convertible top)
124	1.2	14	Roof side rail
131	1.3	15	Windshield
121	1.2	16	Windshield header
19	0.2	17	Window frame
148	1.5	18	Floor pan (includes sill)
20	0.2	19	Backlight header
38	0.4	20	Front seat back
81	0.8	21	Second seat back
1	0.0	22	Third seat back
1	0.0	23	Fourth seat back
0	0.0	24	Fifth seat back
44	0.4	25	Seat cushion
19	0.2	26	Back door/panel (e.g. tailgate)
33	0.3	27	Other interior component
			Exterior components
0	0.0	30	Hood
3	0.0	31	Outside surface of this vehicle
4	0.0	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
4642	46.4	96	No Intrusion

Variable 715:INTRUDING COMPONENT (3) (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	97	Catastrophic
8	0.1	98	Intrusion of unlisted component(s)
3509	35.1	99	Unknown/No record

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

NHTSA SAS Variable - INMAG3

Magnitude of intrusion (3)

15Sep05	Prcnt	Code	Value and Description
440	4.4	1	> or = 3 centimeters but < 8 centimeters
464	4.6	2	> or = 8 centimeters but < 15 centimeters
557	5.6	3	> or = 15 centimeters but < 30 centimeters
251	2.5	4	> or = 30 centimeters but < 46 centimeters
91	0.9	5	> or = 46 centimeters but < 61 centimeters
46	0.5	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4642	46.4	8	No Intrusion
3509	35.1	9	Unknown/No record

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

NHTSA SAS Variable - CDRIR3

Dominant crush direction (3)

15Sep05	Prcnt	Code	Value and Description
526	5.3	1	Vertical
560	5.6	2	Longitudinal
763	7.6	3	Lateral
0	0.0	7	Catastrophic
4642	46.4	8	No Intrusion
3509	35.1	9	Unknown/No record

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

NHTSA SAS Variable - INLOC4

15Sep05	Prcnt	Code	Value and Description
553	5.5	11	Front row - left
198	2.0	12	Front row - middle
388	3.9	13	Front row - right
163	1.6	21	Second row - left
50	0.5	22	Second row - middle
171	1.7	23	Second row - right
11	0.1	31	Third row - left
1	0.0	32	Third row - middle
7	0.1	33	Third row - right
0	0.0	41	Fourth row - left
1	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
4925	49.2	96	No Intrusion
0	0.0	97	Catastrophic
18	0.2	98	Other enclosed area
3514	35.1	99	Unknown/No record

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

NHTSA SAS Variable - INCOMP4

15Sep05	Prcnt	Code	Value and Description
Interior components			
14	0.1	1	Steering assembly
61	0.6	2	Instrument panel left
65	0.7	3	Instrument panel center
47	0.5	4	Instrument panel right
67	0.7	5	Toe pan
108	1.1	6	A-pillar (A1/A2)
94	0.9	7	B-pillar
40	0.4	8	C-pillar
6	0.1	9	D-pillar
44	0.4	10	Side panel - forward of A-pillar (A1/A2)
128	1.3	11	Door panel (side)
21	0.2	12	Side panel - rear of B-pillar
185	1.9	13	Roof (or convertible top)
106	1.1	14	Roof side rail
81	0.8	15	Windshield
124	1.2	16	Windshield header
23	0.2	17	Window frame
114	1.1	18	Floor pan (includes sill)
18	0.2	19	Backlight header
56	0.6	20	Front seat back
70	0.7	21	Second seat back
1	0.0	22	Third seat back

Variable 719:INTRUDING COMPONENT (4) (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	23	Fourth seat back
0	0.0	24	Fifth seat back
39	0.4	25	Seat cushion
11	0.1	26	Back door/panel (e.g. tailgate)
22	0.2	27	Other interior component
			Exterior components
3	0.0	30	Hood
3	0.0	31	Outside surface of this vehicle
6	0.1	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
4925	49.2	96	No Intrusion
0	0.0	97	Catastrophic
4	0.0	98	Intrusion of unlisted component(s)
3514	35.1	99	Unknown/No record

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

NHTSA SAS Variable - INMAG4

Magnitude of intrusion (4)

15Sep05	Prcnt	Code	Value and Description
402	4.0	1	> or = 3 centimeters but < 8 centimeters
419	4.2	2	> or = 8 centimeters but < 15 centimeters
492	4.9	3	> or = 15 centimeters but < 30 centimeters
163	1.6	4	> or = 30 centimeters but < 46 centimeters
58	0.6	5	> or = 46 centimeters but < 61 centimeters
27	0.3	6	> or = 61 centimeters
0	0.0	7	Catastrophic
4925	49.2	8	No Intrusion
3514	35.1	9	Unknown/No record

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

NHTSA SAS Variable - CDRIR4

Dominant crush direction (4)

15Sep05	Prcnt	Code	Value and Description
495	5.0	1	Vertical
447	4.5	2	Longitudinal
619	6.2	3	Lateral

Variable 721:CRUSH DIRECTION (4) (Continued)

15Sep05 Prcnt Code Value and Description

0	0.0	7	Catastrophic
4925	49.2	8	No Intrusion
3514	35.1	9	Unknown/No record

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

NHTSA SAS Variable - INLOC5

15Sep05 Prcnt Code Value and Description

438	4.4	11	Front row - left
183	1.8	12	Front row - middle
359	3.6	13	Front row - right
143	1.4	21	Second row - left
36	0.4	22	Second row - middle
140	1.4	23	Second row - right
5	0.1	31	Third row - left
5	0.1	32	Third row - middle
3	0.0	33	Third row - right
0	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
2	0.0	43	Fourth row - right
5160	51.6	96	No Intrusion
0	0.0	97	Catastrophic
12	0.1	98	Other enclosed area
3514	35.1	99	Unknown/No record

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

NHTSA SAS Variable - INCOMP5

15Sep05 Prcnt Code Value and Description

Interior components			
20	0.2	1	Steering assembly
31	0.3	2	Instrument panel left
48	0.5	3	Instrument panel center
45	0.5	4	Instrument panel right
62	0.6	5	Toe pan
82	0.8	6	A-pillar (A1/A2)
58	0.6	7	B-pillar
29	0.3	8	C-pillar
1	0.0	9	D-pillar
20	0.2	10	Side panel - forward of A-pillar (A1/A2)
94	0.9	11	Door panel (side)
15	0.1	12	Side panel - rear of B-pillar

Variable 723:INTRUDING COMPONENT (5) (Continued)

15Sep05	Prcnt	Code	Value and Description
169	1.7	13	Roof (or convertible top)
140	1.4	14	Roof side rail
81	0.8	15	Windshield
105	1.1	16	Windshield header
20	0.2	17	Window frame
106	1.1	18	Floor pan (includes sill)
21	0.2	19	Backlight header
42	0.4	20	Front seat back
30	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
55	0.6	25	Seat cushion
6	0.1	26	Back door/panel (e.g. tailgate)
31	0.3	27	Other interior component
Exterior components			
3	0.0	30	Hood
2	0.0	31	Outside surface of this vehicle
6	0.1	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
5160	51.6	96	No Intrusion
0	0.0	97	Catastrophic
4	0.0	98	Intrusion of unlisted component(s)
3514	35.1	99	Unknown/No record

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

NHTSA SAS Variable - INMAG5

Magnitude of intrusion (5)

15Sep05	Prcnt	Code	Value and Description
358	3.6	1	> or = 3 centimeters but < 8 centimeters
375	3.8	2	> or = 8 centimeters but < 15 centimeters
397	4.0	3	> or = 15 centimeters but < 30 centimeters
137	1.4	4	> or = 30 centimeters but < 46 centimeters
43	0.4	5	> or = 46 centimeters but < 61 centimeters
16	0.2	6	> or = 61 centimeters
0	0.0	7	Catastrophic
5160	51.6	8	No Intrusion
3514	35.1	9	Unknown/No record

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

NHTSA SAS Variable - CDRIR5

Dominant crush direction (5)

15Sep05	Prcnt	Code	Value and Description
461	4.6	1	Vertical
352	3.5	2	Longitudinal
513	5.1	3	Lateral
0	0.0	7	Catastrophic
5160	51.6	8	No Intrusion
3514	35.1	9	Unknown/No record

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

NHTSA SAS Variable - INLOC6

15Sep05	Prcnt	Code	Value and Description
368	3.7	11	Front row - left
149	1.5	12	Front row - middle
313	3.1	13	Front row - right
113	1.1	21	Second row - left
36	0.4	22	Second row - middle
130	1.3	23	Second row - right
10	0.1	31	Third row - left
0	0.0	32	Third row - middle
4	0.0	33	Third row - right
2	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
5349	53.5	96	No Intrusion
0	0.0	97	Catastrophic
10	0.1	98	Other enclosed area
3516	35.2	99	Unknown/No record

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

NHTSA SAS Variable - INCOMP6

15Sep05	Prcnt	Code	Value and Description
			Interior components
17	0.2	1	Steering assembly
32	0.3	2	Instrument panel left
34	0.3	3	Instrument panel center
29	0.3	4	Instrument panel right

Variable 727:INTRUDING COMPONENT (6) (Continued)

15Sep05	Prcnt	Code	Value and Description
34	0.3	5	Toe pan
65	0.7	6	A-pillar (A1/A2)
43	0.4	7	B-pillar
28	0.3	8	C-pillar
4	0.0	9	D-pillar
16	0.2	10	Side panel - forward of A-pillar (A1/A2)
64	0.6	11	Door panel (side)
6	0.1	12	Side panel - rear of B-pillar
149	1.5	13	Roof (or convertible top)
133	1.3	14	Roof side rail
67	0.7	15	Windshield
113	1.1	16	Windshield header
19	0.2	17	Window frame
95	1.0	18	Floor pan (includes sill)
19	0.2	19	Backlight header
38	0.4	20	Front seat back
33	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
59	0.6	25	Seat cushion
4	0.0	26	Back door/panel (e.g. tailgate)
24	0.2	27	Other interior component
Exterior components			
0	0.0	30	Hood
2	0.0	31	Outside surface of this vehicle
4	0.0	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
5349	53.5	96	No Intrusion
0	0.0	97	Catastrophic
4	0.0	98	Intrusion of unlisted component(s)
3516	35.2	99	Unknown/No record

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

NHTSA SAS Variable - INMAG6

Magnitude of intrusion (6)

15Sep05	Prcnt	Code	Value and Description
317	3.2	1	> or = 3 centimeters but < 8 centimeters
343	3.4	2	> or = 8 centimeters but < 15 centimeters
330	3.3	3	> or = 15 centimeters but < 30 centimeters
107	1.1	4	> or = 30 centimeters but < 46 centimeters
30	0.3	5	> or = 46 centimeters but < 61 centimeters
8	0.1	6	> or = 61 centimeters

Variable 728:INTRUSION MAGNITUDE (6) (Continued)

15Sep05 Prcnt Code Value and Description

0	0.0	7	Catastrophic
5349	53.5	8	No Intrusion
3516	35.2	9	Unknown/No record

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

NHTSA SAS Variable - CDRIR6

Dominant crush direction (6)

15Sep05 Prcnt Code Value and Description

443	4.4	1	Vertical
266	2.7	2	Longitudinal
426	4.3	3	Lateral
0	0.0	7	Catastrophic
5349	53.5	8	No Intrusion
3516	35.2	9	Unknown/No record

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

NHTSA SAS Variable - INLOC6

15Sep05 Prcnt Code Value and Description

299	3.0	11	Front row - left
156	1.6	12	Front row - middle
239	2.4	13	Front row - right
114	1.1	21	Second row - left
35	0.4	22	Second row - middle
115	1.2	23	Second row - right
5	0.1	31	Third row - left
2	0.0	32	Third row - middle
3	0.0	33	Third row - right
0	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
1	0.0	43	Fourth row - right
5520	55.2	96	No Intrusion
0	0.0	97	Catastrophic
7	0.1	98	Other enclosed area
3504	35.0	99	Unknown/No record

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

NHTSA SAS Variable - INCOMP7

15Sep05	Prcnt	Code	Value and Description
			Interior components
10	0.1	1	Steering assembly
21	0.2	2	Instrument panel left
34	0.3	3	Instrument panel center
22	0.2	4	Instrument panel right
32	0.3	5	Toe pan
76	0.8	6	A-pillar (A1/A2)
51	0.5	7	B-pillar
32	0.3	8	C-pillar
3	0.0	9	D-pillar
12	0.1	10	Side panel - forward of A-pillar (A1/A2)
43	0.4	11	Door panel (side)
6	0.1	12	Side panel - rear of B-pillar
142	1.4	13	Roof (or convertible top)
112	1.1	14	Roof side rail
63	0.6	15	Windshield
87	0.9	16	Windshield header
13	0.1	17	Window frame
70	0.7	18	Floor pan (includes sill)
21	0.2	19	Backlight header
33	0.3	20	Front seat back
26	0.3	21	Second seat back
2	0.0	22	Third seat back
0	0.0	23	Fourth seat back
1	0.0	24	Fifth seat back
43	0.4	25	Seat cushion
1	0.0	26	Back door/panel (e.g. tailgate)
15	0.1	27	Other interior component
			Exterior components
2	0.0	30	Hood
0	0.0	31	Outside surface of this vehicle
2	0.0	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
5520	55.2	96	No Intrusion
0	0.0	97	Catastrophic
1	0.0	98	Intrusion of unlisted component(s)
3504	35.0	99	Unknown/No record

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

NHTSA SAS Variable - INMAG7

Magnitude of intrusion (7)

15Sep05	Prcnt	Code	Value and Description
284	2.8	1	> or = 3 centimeters but < 8 centimeters
322	3.2	2	> or = 8 centimeters but < 15 centimeters
256	2.6	3	> or = 15 centimeters but < 30 centimeters
85	0.8	4	> or = 30 centimeters but < 46 centimeters
22	0.2	5	> or = 46 centimeters but < 61 centimeters
7	0.1	6	> or = 61 centimeters
0	0.0	7	Catastrophic
5520	55.2	8	No Intrusion
3504	35.0	9	Unknown/No record

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

NHTSA SAS Variable - CDRIR7

Dominant crush direction (7)

15Sep05	Prcnt	Code	Value and Description
395	4.0	1	Vertical
218	2.2	2	Longitudinal
363	3.6	3	Lateral
0	0.0	7	Catastrophic
5520	55.2	8	No Intrusion
3504	35.0	9	Unknown/No record

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

NHTSA SAS Variable - INLOC8

15Sep05	Prcnt	Code	Value and Description
268	2.7	11	Front row - left
116	1.2	12	Front row - middle
245	2.5	13	Front row - right
89	0.9	21	Second row - left
31	0.3	22	Second row - middle
69	0.7	23	Second row - right
3	0.0	31	Third row - left
4	0.0	32	Third row - middle
2	0.0	33	Third row - right
0	0.0	41	Fourth row - left

Variable 734:INTRUSION LOCATION (8) (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
5651	56.5	96	No Intrusion
0	0.0	97	Catastrophic
14	0.1	98	Other enclosed area
3508	35.1	99	Unknown/No record

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

NHTSA SAS Variable - INCOMP8

15Sep05	Prcnt	Code	Value and Description
			Interior components
15	0.1	1	Steering assembly
21	0.2	2	Instrument panel left
30	0.3	3	Instrument panel center
19	0.2	4	Instrument panel right
16	0.2	5	Toe pan
69	0.7	6	A-pillar (A1/A2)
48	0.5	7	B-pillar
18	0.2	8	C-pillar
3	0.0	9	D-pillar
10	0.1	10	Side panel - forward of A-pillar (A1/A2)
37	0.4	11	Door panel (side)
2	0.0	12	Side panel - rear of B-pillar
128	1.3	13	Roof (or convertible top)
103	1.0	14	Roof side rail
46	0.5	15	Windshield
83	0.8	16	Windshield header
6	0.1	17	Window frame
57	0.6	18	Floor pan (includes sill)
22	0.2	19	Backlight header
28	0.3	20	Front seat back
13	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
46	0.5	25	Seat cushion
0	0.0	26	Back door/panel (e.g. tailgate)
16	0.2	27	Other interior component
			Exterior components
1	0.0	30	Hood
0	0.0	31	Outside surface of this vehicle
2	0.0	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
5651	56.5	96	No Intrusion

Variable 735:INTRUDING COMPONENT (8) (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	97	Catastrophic
2	0.0	98	Intrusion of unlisted component(s)
3508	35.1	99	Unknown/No record

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

NHTSA SAS Variable - INMAG8

Magnitude of intrusion (8)

15Sep05	Prcnt	Code	Value and Description
264	2.6	1	> or = 3 centimeters but < 8 centimeters
275	2.8	2	> or = 8 centimeters but < 15 centimeters
215	2.1	3	> or = 15 centimeters but < 30 centimeters
70	0.7	4	> or = 30 centimeters but < 46 centimeters
11	0.1	5	> or = 46 centimeters but < 61 centimeters
6	0.1	6	> or = 61 centimeters
0	0.0	7	Catastrophic
5651	56.5	8	No Intrusion
3508	35.1	9	Unknown/No record

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

NHTSA SAS Variable - CDRIR8

Dominant crush direction (8)

15Sep05	Prcnt	Code	Value and Description
341	3.4	1	Vertical
176	1.8	2	Longitudinal
324	3.2	3	Lateral
0	0.0	7	Catastrophic
5651	56.5	8	No Intrusion
3508	35.1	9	Unknown/No record

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

NHTSA SAS Variable - INLOC9

15Sep05	Prcnt	Code	Value and Description
200	2.0	11	Front row - left
101	1.0	12	Front row - middle
217	2.2	13	Front row - right
85	0.8	21	Second row - left
24	0.2	22	Second row - middle
71	0.7	23	Second row - right
5	0.1	31	Third row - left
1	0.0	32	Third row - middle
1	0.0	33	Third row - right
1	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
5780	57.8	96	No Intrusion
0	0.0	97	Catastrophic
7	0.1	98	Other enclosed area
3507	35.1	99	Unknown/No record

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

NHTSA SAS Variable - INCOMP9

15Sep05	Prcnt	Code	Value and Description
Interior components			
4	0.0	1	Steering assembly
11	0.1	2	Instrument panel left
17	0.2	3	Instrument panel center
19	0.2	4	Instrument panel right
23	0.2	5	Toe pan
42	0.4	6	A-pillar (A1/A2)
37	0.4	7	B-pillar
7	0.1	8	C-pillar
1	0.0	9	D-pillar
11	0.1	10	Side panel - forward of A-pillar (A1/A2)
26	0.3	11	Door panel (side)
9	0.1	12	Side panel - rear of B-pillar
124	1.2	13	Roof (or convertible top)
85	0.8	14	Roof side rail
43	0.4	15	Windshield
84	0.8	16	Windshield header
12	0.1	17	Window frame
43	0.4	18	Floor pan (includes sill)
16	0.2	19	Backlight header
36	0.4	20	Front seat back
11	0.1	21	Second seat back
0	0.0	22	Third seat back

Variable 739:INTRUDING COMPONENT (9) (Continued)

15Sep05	Prcnt	Code	Value and Description
2	0.0	23	Fourth seat back
0	0.0	24	Fifth seat back
30	0.3	25	Seat cushion
1	0.0	26	Back door/panel (e.g. tailgate)
15	0.1	27	Other interior component
Exterior components			
0	0.0	30	Hood
1	0.0	31	Outside surface of this vehicle
1	0.0	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
5780	57.8	96	No Intrusion
0	0.0	97	Catastrophic
2	0.0	98	Intrusion of unlisted component(s)
3507	35.1	99	Unknown/No record

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

NHTSA SAS Variable - INMAG9

Magnitude of intrusion (9)

15Sep05	Prcnt	Code	Value and Description
233	2.3	1	> or = 3 centimeters but < 8 centimeters
259	2.6	2	> or = 8 centimeters but < 15 centimeters
162	1.6	3	> or = 15 centimeters but < 30 centimeters
47	0.5	4	> or = 30 centimeters but < 46 centimeters
6	0.1	5	> or = 46 centimeters but < 61 centimeters
6	0.1	6	> or = 61 centimeters
0	0.0	7	Catastrophic
5780	57.8	8	No Intrusion
3507	35.1	9	Unknown/No record

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

NHTSA SAS Variable - CDRIR9

Dominant crush direction (9)

15Sep05	Prcnt	Code	Value and Description
316	3.2	1	Vertical
154	1.5	2	Longitudinal
243	2.4	3	Lateral

Variable 741:CRUSH DIRECTION (9) (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	7	Catastrophic
5780	57.8	8	No Intrusion
3507	35.1	9	Unknown/No record

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

NHTSA SAS Variable - INLOC10

15Sep05	Prcnt	Code	Value and Description
172	1.7	11	Front row - left
96	1.0	12	Front row - middle
157	1.6	13	Front row - right
62	0.6	21	Second row - left
29	0.3	22	Second row - middle
76	0.8	23	Second row - right
3	0.0	31	Third row - left
1	0.0	32	Third row - middle
3	0.0	33	Third row - right
0	0.0	41	Fourth row - left
0	0.0	42	Fourth row - middle
0	0.0	43	Fourth row - right
5900	59.0	96	No Intrusion
0	0.0	97	Catastrophic
8	0.1	98	Other enclosed area
3493	34.9	99	Unknown/No record

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

NHTSA SAS Variable - INCOMP10

15Sep05	Prcnt	Code	Value and Description
Interior components			
7	0.1	1	Steering assembly
18	0.2	2	Instrument panel left
14	0.1	3	Instrument panel center
14	0.1	4	Instrument panel right
5	0.1	5	Toe pan
57	0.6	6	A-pillar (A1/A2)
28	0.3	7	B-pillar
20	0.2	8	C-pillar
1	0.0	9	D-pillar
13	0.1	10	Side panel - forward of A-pillar (A1/A2)
21	0.2	11	Door panel (side)
10	0.1	12	Side panel - rear of B-pillar

Variable 743:INTRUDING COMPONENT (10) (Continued)

15Sep05	Prcnt	Code	Value and Description
97	1.0	13	Roof (or convertible top)
72	0.7	14	Roof side rail
32	0.3	15	Windshield
62	0.6	16	Windshield header
6	0.1	17	Window frame
28	0.3	18	Floor pan (includes sill)
17	0.2	19	Backlight header
22	0.2	20	Front seat back
14	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
31	0.3	25	Seat cushion
1	0.0	26	Back door/panel (e.g. tailgate)
14	0.1	27	Other interior component
Exterior components			
2	0.0	30	Hood
0	0.0	31	Outside surface of this vehicle
1	0.0	32	Other exterior object in the environment
0	0.0	33	Unknown exterior object
5900	59.0	96	No Intrusion
0	0.0	97	Catastrophic
0	0.0	98	Intrusion of unlisted component(s)
3493	34.9	99	Unknown/No record

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

NHTSA SAS Variable - INMAG10

Magnitude of intrusion (10)

15Sep05	Prcnt	Code	Value and Description
217	2.2	1	> or = 3 centimeters but < 8 centimeters
215	2.1	2	> or = 8 centimeters but < 15 centimeters
130	1.3	3	> or = 15 centimeters but < 30 centimeters
38	0.4	4	> or = 30 centimeters but < 46 centimeters
5	0.1	5	> or = 46 centimeters but < 61 centimeters
2	0.0	6	> or = 61 centimeters
0	0.0	7	Catastrophic
5900	59.0	8	No Intrusion
3493	34.9	9	Unknown/No record

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

NHTSA SAS Variable - CDRIR10

Dominant crush direction (10)

15Sep05	Prcnt	Code	Value and Description
273	2.7	1	Vertical
112	1.1	2	Longitudinal
222	2.2	3	Lateral
0	0.0	7	Catastrophic
5900	59.0	8	No Intrusion
3493	34.9	9	Unknown/No record

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

NHTSA SAS Variable - COLUMTYP

15Sep05	Prcnt	Code	Value and Description
976	9.8	1	Fixed column
5239	52.4	2	Tilt column
15	0.1	3	Telescoping column
89	0.9	4	Tilt and telescoping column
1	0.0	8	Other column type
3680	36.8	9	Unknown/No record

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

NHTSA SAS Variable - COLMTILT

Tilt steering column adjustment

15Sep05	Prcnt	Code	Value and Description
991	9.9	0	No tilt steering column
1508	15.1	1	Full up
853	8.5	2	Between full up and center
2059	20.6	3	Center
264	2.6	4	Between center and full down
354	3.5	5	Full down
3971	39.7	9	Unknown/No record

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

NHTSA SAS Variable - COLMTELE

Telescoping steering column adjustment

15Sep05	Prcnt	Code	Value and Description
6215	62.1	0	No telescoping steering column
25	0.2	1	Full back
10	0.1	2	Between full back and midpoint
30	0.3	3	Midpoint
6	0.1	4	Between midpoint and full forward
15	0.1	5	Full forward
3699	37.0	9	Unknown/No record

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

NHTSA SAS Variable - RIMDEF

Steering rim/spoke deformation

15Sep05	Prcnt	Code	Value and Description
5546	55.5	0	No steering rim deformation
22	0.2	1	- Actual measured deformation to nearest centimeters
63	0.6	15	15 centimeters or more
49	0.5	98	Observed deformation cannot be measured
3826	38.3	99	Unknown/No record

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

NHTSA SAS Variable - RDEFLOC

Location of steering rim/spoke deformation

15Sep05	Prcnt	Code	Value and Description
5546	55.5	0	No steering rim deformation
Quarter sections			
54	0.5	1	Section A
20	0.2	2	Section B
21	0.2	3	Section C
17	0.2	4	Section D
Half sections			
290	2.9	5	Upper half of rim/spoke

Variable 750:RIM/SPOKE DEF LOCATION (Continued)

15Sep05	Prcnt	Code	Value and Description
110	1.1	6	Lower half of rim/spoke
36	0.4	7	Left half of rim/spoke
32	0.3	8	Right half of rim/spoke
67	0.7	9	Complete steering wheel collapse
9	0.1	10	Undetermined location
3798	38.0	99	Unknown/No record

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

NHTSA SAS Variable - ODOMETER

15Sep05	Prcnt	Code	Value and Description
0	0.0	0	No odometer
29	0.3	1	(less than 1,500 kilometers)
20	0.2	2	
		-	Code mileage to nearest 1,000 kilometers
1	0.0	493	
12	0.1	500	499,500 kilometers or more
5360	53.6	999	Unknown/No record

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

NHTSA SAS Variable - PANELDAM

Instrument panel damage from occupant contact?

15Sep05	Prcnt	Code	Value and Description
5049	50.5	0	No
1079	10.8	1	Yes
3872	38.7	9	Unknown/No record

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

NHTSA SAS Variable - BOLSTTYPE

Type of knee bolster covering

15Sep05	Prcnt	Code	Value and Description
1035	10.3	0	No knee bolster

Variable 753:KNEE BOLSTER TYPE (Continued)

15Sep05	Prcnt	Code	Value and Description
399	4.0	1	Padded
4853	48.5	2	Rigid plastic
9	0.1	8	Other (specify)
3704	37.0	9	Unknown/No record

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

NHTSA SAS Variable - BOLSTDEF

Knee bolsters deformed from occupant contact?

15Sep05	Prcnt	Code	Value and Description
1035	10.3	0	No knee bolster
4403	44.0	1	No deformation
668	6.7	2	Yes - deformation
3894	38.9	9	Unknown

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

NHTSA SAS Variable - GLOVOOPEN

Did glove compartment door open during collision(s)?

15Sep05	Prcnt	Code	Value and Description
265	2.6	0	No glove compartment door
4923	49.2	1	No - door did not open
984	9.8	2	Yes - door opened
3828	38.3	9	Unknown

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

NHTSA SAS Variable - ADAPTEQ

Adaptive (Assistive) Driving Equipment

15Sep05	Prcnt	Code	Value and Description
6436	64.4	0	No adaptive driving equipment
10	0.1	1	Adaptive driving equipment installed

Variable 756:ADAPTIVE TECHNOLOGY (Continued)

15Sep05 Prcnt Code Value and Description

Investigator's form, any positive response coded '1'

- 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)

3554 35.5 9 Unknown

The OCCUPANT ASSESSMENT Variables

Variables 801 through 878 describe the motor vehicle occupants involved in the accident.

<u>Variable 801</u>	<u>PSU NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PSU

<u>Variable 802</u>	<u>CASE NUMBER</u>	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - CASEID

<u>Variable 803</u>	<u>RECORD NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variables Casekey 4 and Casekey 5

15Sep05 Prcnt	Code Value	Description
12275 100.0	9	Occupant assessment record

<u>Variable 804</u>	<u>VERSION NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VERSION

15Sep05 Prcnt	Code Value	Description
12275 100.0	17	Version 17

<u>Variable 805</u>	<u>VEHICLE NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEHNUM

15Sep05 Prcnt	Code Value	Description
7633 62.2	1	Vehicle #1
4267 34.8	2	Vehicle #2

Variable 805:VEHICLE NUMBER (Continued)

15Sep05	Prcnt	Code	Value and Description
328	2.7	3	Vehicle #3
35	0.3	4	Vehicle #4
11	0.1	5	Vehicle #5
1	0.0	6	Vehicle #6

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

NHTSA SAS Variable - OCCNO

15Sep05	Prcnt	Code	Value and Description
7901	64.4	1	
		-	Occupant number
1	0.0	18	

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

NHTSA SAS Variable - AGE

15Sep05	Prcnt	Code	Value and Description
74	0.6	0	Up to one year
83	0.7	1	
		-	Age in years
1	0.0	96	
0	0.0	97	97 years or older
270	2.2	99	Unknown

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

NHTSA SAS Variable - SEX

15Sep05	Prcnt	Code	Value and Description
6573	53.5	1	Male
5409	44.1	2	Female - not reported pregnant
25	0.2	3	Female - pregnant - 1st trimester (1st-3rd month)
40	0.3	4	Female - pregnant - 2nd trimester (4th-6th month)
42	0.3	5	Female - pregnant - 3rd trimester (7th-9th month)
0	0.0	6	Female - pregnant - term unknown
186	1.5	9	Unknown

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

NHTSA SAS Variable - HEIGHT

Occupant height to the nearest centimeter

Conversion: 1 inch = 2.54 centimeters

15Sep05	Prcnt	Code	Value and Description
8	0.1	46	- Height in centimeters
1	0.0	211	
0	0.0	220	219.5 centimeters or more
2218	18.1	999	Unknown

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

NHTSA SAS Variable - WEIGHT

Occupant weight to the nearest kilogram

Conversion: 1 pound = .4536 kilograms

15Sep05	Prcnt	Code	Value and Description
2	0.0	4	- Weight in kilograms
2	0.0	148	
41	0.3	150	149.5 kilograms or more
2129	17.3	999	Unknown

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

NHTSA SAS Variable - ROLE

15Sep05	Prcnt	Code	Value and Description
7899	64.4	1	Driver
4376	35.6	2	Passenger
0	0.0	9	Unknown

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

NHTSA SAS Variable - SEATPOS

15Sep05	Prcnt	Code	Value and Description
7896	64.3	11	Front seat - left side (driver's side)
32	0.3	12	Front seat - middle
2442	19.9	13	Front seat - right side
8	0.1	14	Front seat - other
4	0.0	15	Front seat - on/in lap of another occupant
621	5.1	21	Second seat - left side
236	1.9	22	Second seat - middle
783	6.4	23	Second seat - right side
37	0.3	24	Second seat - other
7	0.1	25	Second seat - on/in lap of another occupant
33	0.3	31	Third seat - left side
24	0.2	32	Third seat - middle
49	0.4	33	Third seat - right side
9	0.1	34	Third seat - other
1	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
2	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
10	0.1	97	In or on unenclosed area
18	0.1	98	Other seat
60	0.5	99	Unknown seating position

Variable 813	OCCUPANT's POSTURE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - POSTURE

15Sep05	Prcnt	Code	Value and Description
7046	57.4	0	Normal posture
			Abnormal posture
2	0.0	1	Kneeling or standing on seat
22	0.2	2	Lying on or across seat
0	0.0	3	Kneeling, standing or sitting in front of seat
32	0.3	4	Sitting sideways or turned to talk with another occupant or to look out the rear window
1	0.0	5	Sitting on a console
29	0.2	6	Lying back in a reclined seat position
18	0.1	7	Bracing with feet or hands on a surface in front seat
515	4.2	8	Other abnormal posture
4610	37.6	99	Unknown

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

NHTSA SAS Variable - EJECTION

15Sep05	Prcnt	Code	Value and Description
11783	96.0	0	No ejection
285	2.3	1	Complete ejection
144	1.2	2	Partial ejection
3	0.0	3	Ejection, unknown degree
60	0.5	9	Unknown

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

NHTSA SAS Variable - EJCTAREA

15Sep05	Prcnt	Code	Value and Description
11783	96.0	0	No ejection
30	0.2	1	Windshield
147	1.2	2	Left front
76	0.6	3	Right front
15	0.1	4	Left rear
19	0.2	5	Right rear
48	0.4	6	Rear
22	0.2	7	Roof
12	0.1	8	Other area (e.g., back of pickup, etc.)
123	1.0	9	Unknown

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

NHTSA SAS Variable - EJCTMED

15Sep05	Prcnt	Code	Value and Description
11783	96.0	0	No ejection
52	0.4	1	Door/hatch/tailgate
9	0.1	2	Nonfixed roof structure
73	0.6	3	Fixed glazing
210	1.7	4	Nonfixed glazing
8	0.1	5	Integral structure
9	0.1	8	Other medium
131	1.1	9	Unknown

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

NHTSA SAS Variable - MEDSTA

Medium status (immediately prior to impact)

15Sep05 Prcnt Code Value and Description

11783	96.0	0	No ejection
74	0.6	1	Open
268	2.2	2	Closed
10	0.1	3	Integral structure
140	1.1	9	Unknown

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

NHTSA SAS Variable - ENTRAP

15Sep05 Prcnt Code Value and Description

10704	87.2	0	Not entrapped/exit not inhibited
261	2.1	1	Entrapped/pinned - mechanically restrained
422	3.4	2	Could not exit vehicle due to jammed doors, fire, etc. (specify)
888	7.2	9	Unknown

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

NHTSA SAS Variable - OCCMOBIL

15Sep05 Prcnt Code Value and Description

160	1.3	0	Occupant fatal before removed from vehicle
505	4.1	1	Removed from vehicle while unconscious or not oriented to time or place
941	7.7	2	Removed from vehicle due to perceived serious injuries
1479	12.0	3	Exited from vehicle with some assistance
5717	46.6	4	Exited from vehicle under own power
285	2.3	5	Occupant fully ejected
66	0.5	8	Removed from vehicle for other reasons
3122	25.4	9	Unknown

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

NHTSA SAS Variable - MANAVAIL

Manual belt system availability

15Sep05 Prcnt Code Value and Description

408	3.3	0	Not available
16	0.1	1	Belt removed/destroyed
1	0.0	2	Shoulder belt
706	5.8	3	Lap belt
10020	81.6	4	Lap and shoulder belt
50	0.4	5	Belt available - type unknown
			Integral Belt Partially destroyed
0	0.0	6	Shoulder belt (lap belt destroyed/removed)
1	0.0	7	Lap belt (shoulder belt destroyed/removed)
5	0.0	8	Other belt
1068	8.7	9	Unknown

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

NHTSA SAS Variable - MANUSE

Manual belt system use

15Sep05 Prcnt Code Value and Description

2513	20.5	0	None used, not available, or belt removed/destroyed
2	0.0	1	Inoperative
5	0.0	2	Shoulder belt
332	2.7	3	Lap belt
7612	62.0	4	Lap and shoulder belt
31	0.3	5	Belt used - type unknown
3	0.0	8	Other belt used
0	0.0	12	Shoulder belt used with child safety seat
57	0.5	13	Lap belt used with child safety seat
251	2.0	14	Lap and shoulder belt used with child safety seat
5	0.0	15	Belt used with child safety seat - type unknown
1	0.0	18	Other belt used with child safety seat
1463	11.9	99	Unknown if belt used

<u>Variable 822</u>	<u>MANUAL BELT PROPER USE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - MANPROPR

Proper use of manual belts

15Sep05 Prcnt	Code	Value and Description
12275 100.0	9	Not provided in 2004 dataset

<u>Variable 823</u>	<u>MANUAL BELT FAILURE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - MANFAIL

Manual (active) belt failure mode during accident

15Sep05 Prcnt	Code	Value and Description
2515 20.5	0	No manual belt used or not available
7223 58.8	1	No manual belt failure(s)
8 0.1	2	Torn webbing (stretched webbing not included)
11 0.1	3	Broken buckle or latchplate
2 0.0	4	Upper anchorage separated
3 0.0	5	Other anchorage separated
1 0.0	6	Broken retractor
1 0.0	7	Combination of above
2 0.0	8	Other manual belt failure
2509 20.4	9	Unknown

<u>Variable 824</u>	<u>SHOULDER BELT ANCHOR ADJ</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - BELTANCH

Manual shoulder belt upper anchorage adjustment

15Sep05 Prcnt	Code	Value and Description
1136 9.3	0	No manual shoulder belt
4298 35.0	1	No upper anchorage adjustment for manual shoulder belt
		Adjustable shoulder belt upper anchorage
1964 16.0	2	In full upright position
931 7.6	3	In mid position
1862 15.2	4	In full down position
235 1.9	5	Position unknown
1849 15.1	9	Unknown if position has adjustable shoulder belt anchorage

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

NHTSA SAS Variable - ABELTAVL

Automatic (passive) belt system availability / function

15Sep05	Prcnt	Code	Value and Description
11164	90.9	0	Not equipped/not available
384	3.1	1	2 point automatic belts
355	2.9	2	3 point automatic belts
13	0.1	3	Automatic belts - type unknown
			Nonfunctional
6	0.0	4	Automatic belts destroyed or rendered inoperative
353	2.9	9	Unknown

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

NHTSA SAS Variable - ABELTUSE

Automatic (passive) belt system use

15Sep05	Prcnt	Code	Value and Description
11170	91.0	0	Not equipped/not available/destroyed or rendered inoperative
579	4.7	1	Automatic belt in use
144	1.2	2	Automatic belt not in use (manually disconnected, motorized track inoperative)
25	0.2	3	Automatic belt use unknown
357	2.9	9	Unknown

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

NHTSA SAS Variable - ABELTYPE

Automatic (passive) belt system type

15Sep05	Prcnt	Code	Value and Description
11164	90.9	0	Not equipped/not available
393	3.2	1	Nonmotorized system
352	2.9	2	Motorized system
366	3.0	9	Unknown

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

NHTSA SAS Variable - ABLTPROP

Proper use of automatic (passive) belt system

15Sep05 Prcnt	Code	Value and Description
12275 100.0	9	Not provided in 2004 dataset

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

NHTSA SAS Variable - ABLTFAIL

Automatic (passive) belt failure modes during accident

15Sep05 Prcnt	Code	Value and Description
11314 92.2	0	Not equipped/not available/not in use
514 4.2	1	No automatic belt failure(s)
0 0.0	2	Torn webbing (stretched webbing not included)
0 0.0	3	Broken buckle or latchplate
0 0.0	4	Upper anchorage separated
1 0.0	5	Other anchorage separated
2 0.0	6	Broken retractor
0 0.0	7	Combination of above
3 0.0	8	Other automatic belt failure
441 3.6	9	Unknown

Variable 830	PAR RESTRAINT USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PARUSE

Police reported restraint use

15Sep05 Prcnt	Code	Value and Description
1446 11.8	0	None used
535 4.4	1	Police did not indicate restraint use
76 0.6	2	Shoulder belt
237 1.9	3	Lap belt
7405 60.3	4	Lap and shoulder belt
1427 11.6	5	Belt used, type not specified
303 2.5	6	Child safety seat
9 0.1	7	Other or automatic restraint
13 0.1	8	Restrained, type unknown
824 6.7	9	Police indicated "unknown"

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

NHTSA SAS Variable - BAGAVRPT

Police reported air bag availability/function

15Sep05	Prcnt	Code	Value and Description
2394	19.5	0	No air bag available
2964	24.1	1	Police did not indicate air bag availability/function
3387	27.6	2	Deployed
2893	23.6	3	Not deployed
44	0.4	4	Unknown if deployed
593	4.8	9	Police indicated "unknown"

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

NHTSA SAS Variable - BAGAVAIL

Air bag system available/function

15Sep05	Prcnt	Code	Value and Description
4029	32.8	0	Not equipped/not available
7418	60.4	1	Air bag
			Nonfunctional
26	0.2	2	Air bag disconnected
29	0.2	3	Air bag not reinstalled
773	6.3	9	Unknown

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

NHTSA SAS Variable - BAGDEPLY

Air bag system deployment

15Sep05	Prcnt	Code	Value and Description
4084	33.3	0	Not equipped/not available
3394	27.6	1	Air bag deployed during accident (as a result of impact)
0	0.0	2	Air bag deployed inadvertently just prior to accident
188	1.5	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)
155	1.3	5	Unknown if deployed
3681	30.0	7	Nondeployed
773	6.3	9	Unknown

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

NHTSA SAS Variable - BAGAVOTH

Other than first seat frontal air bag availability/function

15Sep05 Prcnt Code Value and Description

10789	87.9	0	Not equipped/not available
1173	9.6	1	Air bag

Nonfunctional

0	0.0	2	Air bag disconnected (specify)
0	0.0	3	Air bag not reinstalled

313	2.5	9	Unknown
-----	-----	---	---------

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

NHTSA SAS Variable - BAGDEPOT

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

15Sep05 Prcnt Code Value and Description

10789	87.9	0	Not equipped with an "other" air bag
170	1.4	1	Air bag deployed during accident (as a result of impact)
0	0.0	2	Air bag deployed inadvertently just prior to accident
4	0.0	3	Air bag deployed, detail unknown
1	0.0	4	Air bag deployed as a result of a noncollision event during acc sequence (e.g. fire, explosion, electrical)
40	0.3	5	Unknown if deployed
958	7.8	7	Nondeployed
313	2.5	9	Unknown

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

NHTSA SAS Variable - BAGFAIL

Are there indications of Air Bag system failure?

15Sep05 Prcnt Code Value and Description

4043	32.9	0	Not equipped/not available
6425	52.3	1	No
40	0.3	2	Yes
1767	14.4	9	Unknown

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

NHTSA SAS Variable - PREVACC

Had vehicle been in previous accidents?

15Sep05 Prcnt	Code	Value and Description
4084 33.3	0	Not equipped/not available
4231 34.5	1	No previous accidents
		Yes
404 3.3	2	Previous accident(s) without deployment(s)
32 0.3	3	One previous accident with deployment
3 0.0	4	More than one previous accident with at least one deployment
57 0.5	8	Previous accidents, unknown deployment
3464 28.2	9	Unknown

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

NHTSA SAS Variable - BAGTYPE

15Sep05 Prcnt	Code	Value and Description
4084 33.3	0	Not equipped/not available
4585 37.4	1	Original manufacturer installed system
2 0.0	2	Retrofitted air bag
40 0.3	3	Replacement air bag
2791 22.7	8	Unknown type of air bag
773 6.3	9	Unknown

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

NHTSA SAS Variable - BAGMAINT

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

15Sep05 Prcnt	Code	Value and Description
4084 33.3	0	Not equipped/not available
4516 36.8	1	No prior maintenance
44 0.4	2	Yes prior maintenance (specify)
3631 29.6	9	Unknown

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

NHTSA SAS Variable - BAGEVENT

Air bag deployment accident event sequence number

15Sep05	Prcnt	Code	Value and Description
4084	33.3	0	Not equipped/not available
2732	22.3	1	Event number 1
318	2.6	2	Event number 2
69	0.6	3	Event number 3
33	0.3	4	Event number 4
7	0.1	5	Event number 5
4	0.0	6	Event number 6
1	0.0	8	Event number 8
1	0.0	10	Event number 10
417	3.4	96	Deployed, unknown event
3681	30.0	97	Not deployed
155	1.3	98	Unknown if deployed
773	6.3	99	Unknown

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

NHTSA SAS Variable - BAGCDC

CDC for air bag deployment impact

15Sep05	Prcnt	Code	Value and Description
4084	33.3	0	Not equipped/not available
3044	24.8	1	Highest delta V
116	0.9	2	Second highest delta V
5	0.0	3	Other noncoded delta-V (specify)
417	3.4	6	Deployed, unknown event
3681	30.0	7	Not deployed
155	1.3	8	Unknown if deployed
773	6.3	9	Unknown

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

NHTSA SAS Variable - DVBAG

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

15Sep05 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

NHTSA SAS Variable - BAGFLOPN

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

15Sep05 Prcnt	Code	Value and Description
4084 33.3	0	Not equipped/not available
4 0.0	1	No
3155 25.7	2	Yes
423 3.4	3	Deployed, unknown if flap(s) opened at designated tear points
3681 30.0	7	Not deployed
155 1.3	8	Unknown if deployed
773 6.3	9	Unknown

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

NHTSA SAS Variable - BAGFLDAM

Were air bag module cover flap(s) damaged?

15Sep05 Prcnt	Code	Value and Description
4084 33.3	0	Not equipped/not available
3133 25.5	1	No
19 0.2	2	Yes (specify)
430 3.5	3	Deployed, unknown if air bag module cover flap(s) damaged
3681 30.0	7	Not deployed

Variable 844:AB FLAPS DAMAGED (Continued)

15Sep05	Prcnt	Code	Value and Description
155	1.3	8	Unknown if deployed
773	6.3	9	Unknown

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

NHTSA SAS Variable - BAGDAMAG

Was there damage to the air bag?

15Sep05	Prcnt	Code	Value and Description
4084	33.3	0	Not equipped/not available
3001	24.4	1	Not damaged
Yes - air bag damaged			
0	0.0	2	Ruptured
36	0.3	3	Cut
38	0.3	4	Torn
9	0.1	5	Holed
22	0.2	6	Burned
8	0.1	7	Abraded
8	0.1	88	Other damage (specify)
1	0.0	95	Damaged, details unknown
459	3.7	96	Deployed, unknown if damaged
3681	30.0	97	Not deployed
155	1.3	98	Unknown if deployed
773	6.3	99	Unknown

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

NHTSA SAS Variable - BAGDAMSO

Source of air bag damage

15Sep05	Prcnt	Code	Value and Description
4084	33.3	0	Not equipped/not available
3001	24.4	1	Not damaged
Yes - damaged			
3	0.0	2	Object worn by occupant

Variable 846:AB DAMAGE SOURCE (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	3	Object carried by occupant
0	0.0	4	Adaptive/assistive controls (specify)
6	0.0	5	Fire in vehicle
14	0.1	6	Thermal burns
3	0.0	7	Rescue or emergency efforts
71	0.6	88	Other damage source (specify)
25	0.2	95	Damaged, unknown source
459	3.7	96	Deployed, unknown if damaged
3681	30.0	97	Not deployed
155	1.3	98	Unknown if deployed
773	6.3	99	Unknown

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

NHTSA SAS Variable - BAGTETHR

Was the air bag tethered?

15Sep05	Prcnt	Code	Value and Description
4084	33.3	0	Not equipped/not available
1012	8.2	1	No
2046	16.7	2	Yes (specify number of tether straps)
524	4.3	3	Deployed, unknown if tethered
3681	30.0	7	Not deployed
155	1.3	8	Unknown if deployed
773	6.3	9	Unknown

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

NHTSA SAS Variable - BAGVENTS

Did air bag have vent ports?

15Sep05	Prcnt	Code	Value and Description
4084	33.3	0	Not equipped/not available
428	3.5	1	No
2668	21.7	2	Yes (specify the number of vent ports)
486	4.0	3	Deployed, unknown if vent ports present
3681	30.0	7	Not deployed
155	1.3	8	Unknown if deployed

Variable 848: AIR BAG VENT PORTS (Continued)

15Sep05 Prcnt Code Value and Description

773 6.3 9 Unknown

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

NHTSA SAS Variable - BAGCONOT

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

15Sep05 Prcnt Code Value and Description

4084	33.3	0	Not equipped/not available
3352	27.3	1	No
17	0.1	2	Yes (specify)
213	1.7	3	Deployed, unknown if other occupant contact to air bag
3681	30.0	7	Not deployed
155	1.3	8	Unknown if deployed
773	6.3	9	Unknown

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

NHTSA SAS Variable - EYEWEAR

Was this occupant wearing eyewear?

15Sep05 Prcnt Code Value and Description

4084	33.3	0	Not air bag equipped/not available
1694	13.8	1	No
667	5.4	2	Eyeglasses/sunglasses
237	1.9	3	Contact lenses
984	8.0	4	Deployed, unknown if eyewear worn
3681	30.0	7	Not deployed
155	1.3	8	Unknown if deployed
773	6.3	9	Unknown

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

NHTSA SAS Variable - HEADREST

Head restraint type/damage by occupant at this position

15Sep05	Prcnt	Code	Value and Description
925	7.5	0	No head restraints
2003	16.3	1	Integral - no damage
12	0.1	2	Integral - damaged during accident
6954	56.7	3	Adjustable - no damage
80	0.7	4	Adjustable - damaged during accident
0	0.0	5	Add-on - no damage
0	0.0	6	Add-on - damaged during accident
4	0.0	8	Other
2297	18.7	9	Unknown

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

NHTSA SAS Variable - SEATTYPE

Seat Type (this Occupant's Position)

15Sep05	Prcnt	Code	Value and Description
62	0.5	0	Occupant not seated or no seat
5114	41.7	1	Bucket
1520	12.4	2	Bucket with folding back
674	5.5	3	Bench
195	1.6	4	Bench with separate back cushions
658	5.4	5	Bench with folding back(s)
891	7.3	6	Split bench with separate back cushions
413	3.4	7	Split bench with folding back(s)
14	0.1	8	Pedestal (i.e., column supported)
411	3.3	9	Box mounted seat (i.e., van type)
26	0.2	10	Other seat type
2297	18.7	99	Unknown

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

NHTSA SAS Variable - STORIENT

Seat Orientation (this Occupant's Position)

15Sep05	Prcnt	Code	Value and Description
62	0.5	0	Occupant not seated or no seat
9901	80.7	1	Forward facing seat

Variable 853:SEAT ORIENTATION (Continued)

15Sep05	Prcnt	Code	Value and Description
		2	Rear facing seat
4	0.0	3	Side facing seat (inward)
4	0.0	4	Side facing seat (outward)
0	0.0	8	Other
2304	18.8	9	Unknown

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

NHTSA SAS Variable - SEATRACK

Seat track adjusted position prior to impact

15Sep05	Prcnt	Code	Value and Description
62	0.5	0	Occupant not seated or no seat
1440	11.7	1	Nonadjustable seat track
			Adjustable seat track
407	3.3	2	Seat at forward most track position
1139	9.3	3	Seat between forward most track and middle track position
2282	18.6	4	Seat at middle track position
2174	17.7	5	Seat between middle and rear most track position
2068	16.8	6	Seat at rear most track position
2703	22.0	9	Unknown

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

NHTSA SAS Variable - STBACINC

Seat back incline prior and post impact

15Sep05	Prcnt	Code	Value and Description
62	0.5	0	Occupant not seated or no seat
1690	13.8	1	Nonadjustable
			Upright prior to impact
19	0.2	11	Moved to completely rearward position
23	0.2	12	Moved to rearward midrange position
35	0.3	13	Moved to slightly rearward position
2013	16.4	14	Retained pre-impact position
28	0.2	15	Moved to slightly forward position
17	0.1	16	Moved to forward midrange position
1	0.0	17	Moved to completely forward position

Variable 855:SEAT BACK INCLINE (Continued)

15Sep05	Prcnt	Code	Value and Description
			Slightly reclined prior to impact
44	0.4	21	Moved to completely rearward position
212	1.7	22	Moved to rearward midrange position
5269	42.9	23	Retained pre-impact position
51	0.4	24	Moved to upright position
22	0.2	25	Moved to slightly forward position
27	0.2	26	Moved to forward midrange position
5	0.0	27	Moved to completely forward position
			Completely reclined prior to impact
46	0.4	31	Retained pre-impact position
0	0.0	32	Moved to rearward midrange position
0	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
2711	22.1	99	Unknown

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

NHTSA SAS Variable - SEATPERF

Seat Performance (this Occupant's Position)

15Sep05	Prcnt	Code	Value and Description
62	0.5	0	Occupant not seated or no seat
8631	70.3	1	No seat performance failure(s)
19	0.2	2	Seat adjusters failed
0	0.0	3	Seat back folding locks or "seat back" failed
34	0.3	4	Seat track/anchors failed
321	2.6	5	Deformed by occupant impact
488	4.0	6	Deformed by passenger compartment intrusion
35	0.3	7	Combination of above
55	0.4	8	Other
2630	21.4	9	Unknown

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

NHTSA SAS Variable - CHMAKE

Child Safety Seat Make/Model

15Sep05	Prcnt	Code	Value and Description
---------	-------	------	-----------------------

11924	97.1	0	No child safety seat
-------	------	---	----------------------

Infant Safety Seats

Toddler/Convertible Seats

2	0.0	205	Century 1000 STE
1	0.0	206	Century 2000 STE
2	0.0	207	Century 3000 STE, 3500 STE
1	0.0	250	5000 STE, 5500 STE,
1	0.0	264	Vision - Make: Evenflo

Booster Safety Seats

1	0.0	397	Simpson - Make: Century/Graco
---	-----	-----	-------------------------------

Special Need Safety Seats

Harnesses

Attributes added in 2001, 2002:

1	0.0	514	Assura - Make: Century Products
2	0.0	516	Breverra Ascend - Make: Century Products
2	0.0	518	Breverra Premier - Make: Century Products
1	0.0	530	Stariser / Comfy - Make: Britax
1	0.0	534	Accel - Make: Century Products
3	0.0	545	Express - Make: Evenflo
7	0.1	550	High Backed Booster - Make: Cosco
8	0.1	551	Alpha Omega - Make: Cosco
1	0.0	569	Infant 580, 590 - Make: Century Products
3	0.0	578	Regal Ride - Make: Cosco
10	0.1	581	Touriva - Make: Cosco
1	0.0	582	Triad - Make: Cosco
5	0.0	585	Voyager - Make: Cosco
1	0.0	586	Ventura/Vision - Make: Cosco:
1	0.0	587	Safe Embrace - Make: Fisher-Price
1	0.0	593	Smart Fit - Make: Century Products
1	0.0	596	Bravo - Make: Century Products
3	0.0	599	Breverra - Make: Century Products
1	0.0	606	Sidekick - Make: Evenflo
1	0.0	607	Town & Country - Make: Evenflo
1	0.0	608	Trooper - Make: Evenflo
1	0.0	610	Ultara I - Make: Evenflo
1	0.0	611	Ultara II - Make: Evenflo
1	0.0	614	Ultara V - Make: Evenflo
3	0.0	626	Champion - Make: Evenflo
9	0.1	629	Discovery - Make: Evenflo
1	0.0	635	1500 STE - Make: Century Products
1	0.0	637	Roundabout - Make: Britax

Variable 857:CHILD SEAT MAKE/MODEL (Continued)

15Sep05	Prcnt	Code	Value and Description
1	0.0	643	Odyssey I - Make: Evenflo
1	0.0	649	On My Way - Make: Evenflo
1	0.0	659	Secure Advantage V - Make: Evenflo
1	0.0	660	Secure Choice - Make: Evenflo
3	0.0	668	Eddie Bauer 02-849, 02-880 - Make: Cosco
1	0.0	669	Eddie Bauer 02-870 - Make: Cosco
5	0.0	674	Grand Explorer - Make: Cosco
1	0.0	675	Infant Car Seat - Make: Cosco
1	0.0	702	Advantage - Make: Britax
1	0.0	723	Komfort Rider - Make: Jupiter
3	0.0	725	Complete Voyager - Make: Cosco
5	0.0	735	Infant Seat/Carrier - Make: Graco
7	0.1	749	Snug Ride - Make: Graco
1	0.0	762	Double Guard - Make: Gerry
3	0.0	774	Breverra Classic - Make: Century Products
2	0.0	776	Next Step - Make: Century Products
1	0.0	793	Titan - Make: Evenflo
4	0.0	795	ComfortSport - Make: Graco
1	0.0	797	Summit - Make: Cosco
1	0.0	798	Chase Comfort Touch - Make: Evenflo
1	0.0	800	Vista - Make: Cosco
12	0.1	802	TurboBooster - Make: Graco
1	0.0	805	Port About - Make: Evenflo
1	0.0	808	Victory 5 - Make: Evenflo
3	0.0	812	Marathon - Make: Britax
1	0.0	817	Tribute - Make: Evenflo
1	0.0	821	Designer 22 - Make: Safety 1st
1	0.0	823	MyCarGo - Make: Graco
1	0.0	829	Ultra Cargo - Make: Graco
2	0.0	950	Built-in child safety seat
0	0.0	997	Other make/model
203	1.7	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

NHTSA SAS Variable - CHTYPE

Type of child safety seat

15Sep05	Prcnt	Code	Value and Description
11924	97.1	0	No child safety seat
47	0.4	1	Infant seat
42	0.3	2	Toddler seat
89	0.7	3	Convertible seat
57	0.5	4	Booster seat - with shield
0	0.0	5	Booster seat - without shield

Variable 858:CHILD SEAT TYPE (Continued)

15Sep05	Prcnt	Code	Value and Description
		7	Other type child safety seat
1	0.0	8	Unknown child safety seat type
115	0.9	9	Unknown if child safety seat used
0	0.0		

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

NHTSA SAS Variable - CHORIENT

Child safety seat orientation

15Sep05	Prcnt	Code	Value and Description
11924	97.1	0	No child safety seat
			Designed for rear facing for this age/weight
47	0.4	1	Rear facing
87	0.7	2	Forward facing
0	0.0	8	Other orientation
3	0.0	9	Unknown orientation
			Designed for forward facing for this age/weight
0	0.0	11	Rear facing
97	0.8	12	Forward facing
1	0.0	18	Other orientation
1	0.0	19	Unknown orientation
			Unknown design or orientation, or unknown age/weight
3	0.0	21	Rear facing
24	0.2	22	Forward facing
0	0.0	28	Other orientation
88	0.7	29	Unknown orientation
0	0.0	99	Unknown if child safety seat used

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

NHTSA SAS Variable - CHHARNES

Child safety seat harness usage

15Sep05	Prcnt	Code	Value and Description
11924	97.1	0	No child safety seat
			Not designed with harness
53	0.4	1	After market harness added, not used

Variable 860:CHILD SEAT HARNESS USE (Continued)

15Sep05	Prcnt	Code	Value and Description
0	0.0	2	After market harness used
4	0.0	3	Child safety seat used, but no after market harness added
1	0.0	9	Unknown if harness added or used
Designed with harness			
5	0.0	11	Harness not used
169	1.4	12	Harness used
6	0.0	19	Unknown if harness used
Unknown if designed with harness			
1	0.0	21	Harness not used
5	0.0	22	Harness used
107	0.9	29	Unknown if harness used
0	0.0	99	Unknown if child safety seat used

Variable	CHILD SEAT SHIELD USE	Width:	Type:
861		2	Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - CHSHIELD

Child safety seat shield usage

15Sep05	Prcnt	Code	Value and Description
11924	97.1	0	No child safety seat
Not designed with shield			
53	0.4	1	After market shield added, not used
3	0.0	2	After market shield used
177	1.4	3	Child safety seat used, but no after market shield added
0	0.0	9	Unknown if shield added or used
Designed with shield			
0	0.0	11	Shield not used
4	0.0	12	Shield used
1	0.0	19	Unknown if shield used
Unknown if designed with shield			
5	0.0	21	Shield not used
1	0.0	22	Shield used
107	0.9	29	Unknown if shield used
0	0.0	99	Unknown if child safety seat used

Variable 862	CHILD SEAT TETHER USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - CHTETHER

Child safety seat tether usage

15Sep05 Prcnt Code Value and Description

11924	97.1	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
150	1.2	3	Child safety seat used, but no after market tether added
4	0.0	9	Unknown if tether added or used
			Designed with tether
52	0.4	11	Tether not used
17	0.1	12	Tether used
4	0.0	19	Unknown if tether used
			Unknown if designed with tether
11	0.1	21	Tether not used
0	0.0	22	Tether used
113	0.9	29	Unknown if tether used
0	0.0	99	Unknown if child safety seat used

Variable 863	INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - INJSEV

15Sep05 Prcnt Code Value and Description

4251	34.6	0	O - No injury
2543	20.7	1	C - possible injury
1932	15.7	2	B - nonincapacitating injury
2729	22.2	3	A - incapacitating injury
417	3.4	4	K - fatal injury
150	1.2	5	U - Injured - severity unknown
0	0.0	6	Died prior to accident
253	2.1	9	Unknown if injured

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

NHTSA SAS Variable - TREATMNT

15Sep05	Prcnt	Code	Value and Description
4721	38.5	0	No treatment
438	3.6	1	Fatal
22	0.2	2	Fatal - ruled disease
			Nonfatal
1958	16.0	3	Hospitalized
4106	33.5	4	Transported and released
141	1.1	5	Treatment at scene - nontransported
389	3.2	6	Treatment later
2	0.0	7	Treatment - other
236	1.9	8	Transported to a medical facility - unknown if treated
262	2.1	9	Unknown

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

NHTSA SAS Variable - MEDFACIL

15Sep05	Prcnt	Code	Value and Description
5168	42.1	0	Not treated at a medical facility
3797	30.9	1	Trauma center
2620	21.3	2	Hospital
6	0.0	3	Medical clinic
3	0.0	4	Physician's office
389	3.2	5	Treatment later at medical facility
3	0.0	8	Other
289	2.4	9	Unknown

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

NHTSA SAS Variable - HOSPSTAY

15Sep05	Prcnt	Code	Value and Description
9790	79.8	0	Not hospitalized
533	4.3	1	- Actual number of days that the occupant stayed in hospital
1	0.0	60	
9	0.1	61	61 days or more
609	5.0	99	Unknown

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

NHTSA SAS Variable - WORKDAYS

15Sep05	Prcnt	Code	Value and Description
2651	21.6	0	No working days lost
465	3.8	1	- Actual number of days that the occupant lost from work due to the accident
10	0.1	60	
13	0.1	61	61 days or more
460	3.7	62	Fatally injured
3603	29.4	97	Not working prior to accident
3660	29.8	99	Unknown

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

NHTSA SAS Variable - DEATH

15Sep05	Prcnt	Code	Value and Description
11815	96.3	0	Not fatal
			Time in Hours
146	1.2	1	Less than 1 and 1/2 hours from the time of the accident
30	0.2	2	- Actual time to nearest hour
1	0.0	22	
2	0.0	24	From 23 1/2 to 24 hours after the accident
			Time in Days
3	0.0	31	- Actual time to nearest day (one day=31, 2 days=32, etc.)
2	0.0	53	
0	0.0	60	From 29 1/2 to 30 days after the accident
22	0.2	96	Fatal - ruled disease
189	1.5	99	Unknown

Variable 869	CAUSE OF DEATH-1-MED REP	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - CAUSE1

Injury number of medically reported cause of death (1)

15Sep05	Prcnt	Code	Value and Description
11815	96.3	0	Not fatal or no additional causes

Variable 869:CAUSE OF DEATH-1-MED REP (Continued)

15Sep05	Prcnt	Code	Value and Description
157	1.3	1	- Injury number
1	0.0	36	
5	0.0	96	Mode of death given but specific injuries are not linked to cause of death
22	0.2	97	Other result (includes fatal ruled disease)
132	1.1	99	Unknown

Variable 870	CAUSE OF DEATH-2-MED REP	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - CAUSE2

Injury number of medically reported cause of death (2)

15Sep05	Prcnt	Code	Value and Description
12043	98.1	0	Not fatal or no additional causes
16	0.1	1	- Injury number
1	0.0	35	

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

NHTSA SAS Variable - CAUSE3

Injury number of medically reported cause of death (3)

15Sep05	Prcnt	Code	Value and Description
12088	98.5	0	Not fatal or no additional causes
5	0.0	1	- Injury number
1	0.0	32	

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

NHTSA SAS Variable - INJNUM

Number of recorded injuries

15Sep05	Prcnt	Code	Value and Description
4203	34.2	0	No recorded injuries

Variable 872:NUM RECORDED INJURIES (Continued)

15Sep05	Prcnt	Code	Value and Description
1781	14.5	1	- Actual number of injuries recorded for this occupant
1	0.0	48	
670	5.5	97	Injured, details unknown
241	2.0	99	Unknown if injured

Variable 873	GLASGOW COMA SCALE SCORE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - GLASGOW

Glasgow Coma Scale (GCS) Score

15Sep05	Prcnt	Code	Value and Description
4203	34.2	0	Not injured
1250	10.2	1	Injured - not treated at medical facility
1570	12.8	2	No GCS score at medical facility
62	0.5	3	- Actual value of the initial GCS score recorded at medical facility
3962	32.3	15	
670	5.5	97	Injured, details unknown
241	2.0	99	Unknown if injured

Variable 874	WAS OCCUPANT GIVEN BLOOD	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - BLOOD

15Sep05	Prcnt	Code	Value and Description
10902	88.8	1	No - blood not given
155	1.3	2	Yes - Blood given (specify units)
1218	9.9	9	Unknown if blood given

Variable 875	ARTERIAL BLOOD GASES	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - BICARB

Arterial blood gases (ABG) - HCO3

15Sep05	Prcnt	Code	Value and Description
4203	34.2	0	Not injured

Variable 875:ARTERIAL BLOOD GASES (Continued)

15Sep05	Prcnt	Code	Value and Description
6678	54.4	1	Injured - ABGs not measured or reported
1	0.0	7	- Actual value of HCO3
1	0.0	43	
19	0.2	96	ABGs reported, HCO3 unknown
670	5.5	97	Injured, details unknown
241	2.0	99	Unknown if injured

Variable 876	BELT USE DETERMINATION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - BELTSOU

Primary source of belt use determination

15Sep05	Prcnt	Code	Value and Description
128	1.0	0	Not equipped/not available/destroyed or rendered inoperative
9522	77.6	1	Vehicle inspection
65	0.5	2	Official injury data
1200	9.8	3	Driver/occupant interview
97	0.8	8	Other
1263	10.3	9	Unknown if belt used

Variable 877	MAXIMUM KNOWN AIS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - MAIS

15Sep05	Prcnt	Code	Value and Description
4203	34.2	0	Not injured
4758	38.8	1	Minor injury
981	8.0	2	Moderate injury
789	6.4	3	Serious injury
308	2.5	4	Severe injury
229	1.9	5	Critical injury
82	0.7	6	Maximum (untreatable) injury
684	5.6	7	Injury, unknown severity
241	2.0	9	Unknown if injured

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

NHTSA SAS Variable - ISS

Injury Severity Score (ISS)

15Sep05	Prcnt	Code	Value and Description
5128	41.8	0	Not injured
3371	27.5	1	ISS 1
		-	
83	0.7	75	Maximum ISS
0	0.0	99	Unknown ISS

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

NHTSA SAS Variable - PSU

Variable 902	CASE NUMBER	Width: 4	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - CASEID

Variable 903	RECORD NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variables Casekey 4 and Casekey 5

15Sep05 Prcnt	Code Value and Description	
30839 100.0	10	Occupant injury record

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

NHTSA SAS Variable - VERSION

15Sep05 Prcnt	Code Value and Description	
30839 100.0	17	Version 17

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

NHTSA SAS Variable - VEHNUM

15Sep05 Prcnt	Code Value and Description	
21560 69.9	1	Vehicle #1
8634 28.0	2	Vehicle #2

Variable 905:VEHICLE NUMBER (Continued)

15Sep05 Prcnt	Code	Value and Description
554 1.8	3	Vehicle #3
79 0.3	4	Vehicle #4
12 0.0	5	Vehicle #5

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

NHTSA SAS Variable - OCCNO

15Sep05 Prcnt	Code	Value and Description
21231 68.8	1	- Occupant number
6 0.0	18	

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

NHTSA SAS Variable - INJNO

15Sep05 Prcnt	Code	Value and Description
7161 23.2	1	- Injury number
1 0.0	48	

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

NHTSA SAS Variable - SOUDAT

15Sep05 Prcnt	Code	Value and Description
Official Sources		
4117 13.3	1	Autopsy records with or without hospital/medical records
7015 22.7	2	Hospital/medical records other than emergency room (e.g., discharge summary)
13977 45.3	3	Emergency room records only (including associated x-rays or other lab reports)
2 0.0	4	Private physician - walk-in or emergency clinic
Unofficial Sources		
1 0.0	5	Lay coroner report
150 0.5	6	E.M.S. personnel
5465 17.7	7	Interviewee
0 0.0	8	Other source

Variable 908:INJURY DATA SOURCE (Continued)

15Sep05	Prcnt	Code	Value and Description
112	0.4	9	Police

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

NHTSA SAS Variable - BODYREG

15Sep05	Prcnt	Code	Value and Description
4183	13.6	1	Head
5015	16.3	2	Face
504	1.6	3	Neck
3499	11.3	4	Thorax
1876	6.1	5	Abdomen
3106	10.1	6	Spine
5797	18.8	7	Upper Extremity
6714	21.8	8	Lower Extremity
145	0.5	9	Unspecified

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

NHTSA SAS Variable - ASPECT90

15Sep05	Prcnt	Code	Value and Description
1527	5.0	0	Whole region
8094	26.2	1	Right
9021	29.3	2	Left
2241	7.3	3	Bilateral
1741	5.6	4	Central
870	2.8	5	Anterior
2087	6.8	6	Posterior
1710	5.5	7	Superior
2337	7.6	8	Inferior
1211	3.9	9	Unknown

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

NHTSA SAS Variable - STRUTYPE

15Sep05	Prcnt	Code	Value and Description
			Type of Anatomic Structure - AIS90
114	0.4	1	Whole Area

Variable 911:TYPE OF ANATOMIC STRUCT (Continued)

15Sep05 Prcnt		Code	Value and Description
156	0.5	2	Vessels
42	0.1	3	Nerves
4823	15.6	4	Organs (includes muscles/ligaments)
6134	19.9	5	Skeletal (includes joints)
864	2.8	6	Head - LOC (Level of Consciousness)
18706	60.7	9	Skin

Variable 912	SPECIFIC ANATOMIC STRUCT	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STRUSPEC

Valid only in combination with Body Region and Type of Structure
- AIS90 Some examples are:

15Sep05 Prcnt	Code	Value and Description
		WHOLE AREA
	2	Skin - Abrasion
	4	Skin - Contusion
	6	Skin - Laceration
	8	Skin - Avulsion
	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: None

NHTSA SAS Variable - INJLEVEL

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

15Sep05	Prcnt	Code	Value and Description
1848	6.0	0	- Injury Level
206	0.7	99	

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

NHTSA SAS Variable - AIS

15Sep05	Prcnt	Code	Value and Description
21964	71.2	1	Minor injury
4591	14.9	2	Moderate injury
2802	9.1	3	Serious injury
894	2.9	4	Severe injury
419	1.4	5	Critical injury
101	0.3	6	Maximum (untreatable)
68	0.2	7	Injured, unknown severity

Variable 915	INJURY SOURCE	Width: 3	Type: Numeric
		Dec: None	Miss: 697

NHTSA SAS Variable - INJSOU

15Sep05	Prcnt	Code	Value and Description
Front			
827	2.7	1	Windshield
83	0.3	2	Mirror
78	0.3	3	Sunvisor
1373	4.5	4	Steering wheel rim
90	0.3	5	Steering wheel hub/spoke
1248	4.0	6	Steering wheel (combination of rim, hub/spoke)
36	0.1	7	Steering column, transmission, selector lever, other attachment
1	0.0	8	Cellular telephone or CB radio
1	0.0	9	Add-on equipment (e.g., tape deck, air conditioner)
929	3.0	10	Left instrument panel and below
595	1.9	11	Center instrument panel and below
653	2.1	12	Right instrument panel and below
225	0.7	13	Glove compartment door
1780	5.8	14	Knee bolster

Variable 915:INJURY SOURCE (Continued)

15Sep05	Prcnt	Code	Value and Description
128	0.4	15	Windshield +: front header,A-pillar (A1/A2),instr panel, mirror,steering assembly-driver side
94	0.3	16	Windshield + 1 or more from: front header,A-pillar (A1/A2),instr panel,mirror,-passenger side
28	0.1	17	Windshield reinforced by exterior object
15	0.0	19	Other front object
22	0.1	20	Sunvisor reinforced by front header
Left Side			
1300	4.2	51	Left side interior surface (excluding hardware or armrest)
492	1.6	52	Left side hardware or armrest
313	1.0	53	Left A-pillar (A1/A2)
464	1.5	54	Left B-pillar
11	0.0	55	Other left pillar
53	0.2	56	Left side window glass
111	0.4	57	Left side window frame
17	0.1	58	Left side window sill
2	0.0	59	Left side window glass + 1 or more from: frame>window sill,A-pillar (A1/A2),B-pillar,roof side rail
1	0.0	60	Other left side object
Right Side			
906	2.9	101	Right side interior surface (excluding hardware or armrest)
259	0.8	102	Right side hardware or armrest
138	0.4	103	Right A-pillar (A1/A2)
289	0.9	104	Right B-pillar
44	0.1	105	Other right pillar
19	0.1	106	Right side window glass
46	0.1	107	Right side window frame
16	0.1	108	Right side window sill
0	0.0	109	Right side window glass + 1 or more from: frame>window sill,A-pillar (A1/A2),B-pillar,roof side rail
2	0.0	110	Other right side object
Interior			
1391	4.5	151	Seat, back support
3912	12.7	152	Belt restraint webbing/buckle
65	0.2	153	Belt restraint B pillar or door frame attachment point
3	0.0	154	Other restraint system component
216	0.7	155	Head restraint system
188	0.6	160	Other occupants
92	0.3	161	Interior loose objects
70	0.2	162	Child safety seat
91	0.3	163	Other interior object
0	0.0	164	Center console - first row
0	0.0	165	Center console - second row
0	0.0	166	Center console - other row
0	0.0	167	Fold down armrest - first row
0	0.0	168	Fold down armrest - second row
0	0.0	169	Fold down armrest - other row

Variable 915:INJURY SOURCE (Continued)

15Sep05	Prcnt	Code	Value and Description
			Air Bag
1113	3.6	170	Air bag - driver side
63	0.2	171	Air bag - driver side and eyewear
1	0.0	172	Air bag - driver side and jewelry
0	0.0	173	Air bag - driver side and object held
0	0.0	174	Air bag - driver side and object in mouth
9	0.0	175	Air bag compartment cover - driver side
0	0.0	176	Air bag compartment cover - driver side and eyewear
0	0.0	177	Air bag compartment cover - driver side and jewelry
0	0.0	178	Air bag compartment cover - driver side and object held
0	0.0	179	Air bag compartment cover - driver side and object in mouth
323	1.0	180	Air bag - passenger side
23	0.1	181	Air bag - passenger side and eyewear
1	0.0	182	Air bag - passenger side and jewelry
1	0.0	183	Air bag - passenger side and object held
0	0.0	184	Air bag - passenger side and object in mouth
13	0.0	185	Air bag compartment cover - passenger side
0	0.0	186	Air bag compartment cover - passenger side and eyewear
0	0.0	187	Air bag compartment cover - passenger side and jewelry
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
31	0.1	190	Other air bag
5	0.0	195	Other air bag compartment cover
			Roof
207	0.7	201	Front header
41	0.1	202	Rear header
250	0.8	203	Roof left side rail
117	0.4	204	Roof right side rail
750	2.4	205	Roof or convertible top
28	0.1	206	Roof maplight/console
19	0.1	207	Sunroof/components
3	0.0	208	Roll-bar
			Floor
807	2.6	251	Floor including toe pan
388	1.3	252	Floor or console-mounted transmission lever (including console)
4	0.0	253	Parking brake handle
249	0.8	254	Foot controls (including parking brake)
			Rear
19	0.1	301	Backlight (rear window)
8	0.0	302	Backlight storage rack, door, etc.
4	0.0	303	Other rear object
			Adaptive (Assistive) Driving Equipment
1	0.0	401	Hand controls for braking/acceleration

Variable 915:INJURY SOURCE (Continued)

15Sep05	Prcnt	Code	Value and Description
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)
3	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)
2	0.0	412	Other adaptive device (specify)
Exterior of Occupant's Vehicle			
37	0.1	451	Hood
2	0.0	452	Outside hardware (outside mirror, antenna)
137	0.4	453	Other exterior surface or tires
24	0.1	454	Unknown exterior objects
Exterior of Other Motor Vehicle			
1	0.0	501	Front bumper
44	0.1	502	Hood edge
23	0.1	503	Other front of vehicle
51	0.2	504	Hood
0	0.0	505	Hood ornament
0	0.0	506	Windshield, roof rail, A-pillar
7	0.0	507	Side surface
0	0.0	508	Side mirrors
0	0.0	509	Other side protrusions
2	0.0	510	Rear surface
0	0.0	511	Undercarriage
14	0.0	512	Tires and wheels
67	0.2	513	Other exterior of striking vehicle
33	0.1	514	Unknown exterior of striking vehicle
Other Vehicle or Object in the Environment			
1920	6.2	551	Ground
45	0.1	570	Same occupant contact (specify)
0	0.0	571	Interior loose object
0	0.0	572	Seat LATCH points for child restraint
18	0.1	573	Grab handles
6	0.0	574	Engine shroud/cover
0	0.0	575	Seatback trays
348	1.1	598	Other vehicle or object
48	0.2	599	Unknown vehicle or object
Noncontact Injury			
23	0.1	601	Fire in vehicle
686	2.2	602	Flying glass
917	3.0	603	Other noncontact injury source
42	0.1	604	Air bag exhaust gases
3144	10.2	697	Injured, unknown source

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

NHTSA SAS Variable - SOUCON

Injury source confidence level

15Sep05	Prcnt	Code	Value and Description
13559	44.0	1	Certain
11388	36.9	2	Probable
2747	8.9	3	Possible
3145	10.2	9	Unknown

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

NHTSA SAS Variable - DIRINJ

15Sep05	Prcnt	Code	Value and Description
24870	80.6	1	Direct contact injury
1082	3.5	2	Indirect contact injury
1668	5.4	3	Noncontact injury
75	0.2	4	Air bag related injury
3144	10.2	7	Injured, unknown source

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

NHTSA SAS Variable - INTRUNO

Occupant area intrusion number

15Sep05	Prcnt	Code	Value and Description
21354	69.2	0	No intrusion or injury not associated with a documented intrusion
1420	4.6	1	- Intrusion number
107	0.3	10	
666	2.2	97	Injury associated with a noncoded intrusion
3779	12.3	99	Unknown

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

NHTSA SAS Variable - REGION90

15Sep05	Prcnt	Code	Value and Description
106	0.3	1	A - Arm (upper)
1497	4.9	2	B - Back - thoracolumbar spine
3471	11.3	3	C - Chest
26	0.1	5	E - Elbow
5009	16.2	6	F - Face
4189	13.6	8	H - Head - skull
187	0.6	11	K - Knee
461	1.5	12	L - Leg (lower)
1909	6.2	13	M - Abdomen
2113	6.9	14	N - Neck - cervical spine
595	1.9	16	P - Pelvis - hip
569	1.8	17	Q - Ankle - foot
380	1.2	18	R - Forearm
453	1.5	19	S - Shoulder
318	1.0	20	T - Thigh
140	0.5	21	U - Injured - unknown region
320	1.0	23	W - Wrist - hand
4512	14.6	24	X - Upper limb(s) (whole or unknown part)
4584	14.9	25	Y - Lower limb(s) (whole or unknown part)

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

NHTSA SAS Variable - LESION

15Sep05	Prcnt	Code	Value and Description
5730	18.6	1	A - Abrasion
77	0.2	2	B - Burn
10379	33.7	3	C - Contusion
306	1.0	4	D - Dislocation
5	0.0	5	E - Total severance, transection
5233	17.0	6	F - Fracture
40	0.1	7	G - Detachment, separation
864	2.8	11	K - Concussion
4521	14.7	12	L - Laceration
13	0.0	13	M - Amputation
35	0.1	14	N - Crush
15	0.0	15	O - Other
45	0.1	18	R - Rupture
384	1.2	19	S - Sprain
1826	5.9	20	T - Strain
1186	3.8	21	U - Injured - unknown lesion
180	0.6	22	V - Avulsion

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

NHTSA SAS Variable - SYSORG

15Sep05	Prcnt	Code	Value and Description
156	0.5	1	A - Arteries - veins
2028	6.6	2	B - Brain
82	0.3	3	C - Spinal cord
222	0.7	4	D - Digestive
6	0.0	5	E - Ears
40	0.1	7	G - Urogenital
103	0.3	8	H - Heart
18709	60.7	9	I - Integumentary
717	2.3	10	J - Joints
105	0.3	11	K - Kidneys
259	0.8	12	L - Liver
1892	6.1	13	M - Muscles
42	0.1	14	N - Nervous system
90	0.3	15	O - Eye
438	1.4	16	P - Pulmonary - lungs
241	0.8	17	Q - Spleen
53	0.2	18	R - Respiratory
5351	17.4	19	S - Skeletal
36	0.1	20	T - Thyroid, other endocrine gland
168	0.5	21	U - Injured - unknown system
53	0.2	22	V - Vertebrae
48	0.2	23	W - All systems in region

Index to Variables and Code Value Names

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

"+" = Many code values for this variable

Item	Var	CV	Variable Name or Code Value
abdomen	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
accelerating	375	3	Accelerating in traffic lane
accelerating	379	10	Accelerating
acceleration	915	401	Hand controls for braking/acceleration
access	376	74	From entrance to limited access highway
access	380	3	Driveway, alley access related
acid	562	10	Lead acid battery
acid	563	10	Lead acid battery
across	376	66	From crossing street - across path
across	813	2	Lying on or across seat
action	379	98	Other action
active	401	1	A - Active (manual) belts
acura	307	54	Acura
adaptive	756	*	ADAPTIVE TECHNOLOGY
adaptive	846	4	Adaptive/assistive controls (specify)
adaptive	915	412	Other adaptive device (specify)
add-on	851	5	Add-on - no damage
add-on	915	9	Add-on equipment (e.g., tape deck, air c
adjustable	824	9	Unknown if position has adjustable shoul
adjustable	851	3	Adjustable - no damage
adjuster	856	2	Seat adjusters failed
adjusting	374	7	While adjusting climate controls
adjustment	824	1	No upper anchorage adjustment for manual
adverse	388	0	No adverse atmospheric-related driving c
aerostar	309	20	Minivan (Astro, Caravan, Plymouth Vista,
aerostar	351	20	Minivan (Astro, Caravan, Plymouth Vista,
age	807	*	AGE
air	398	2	VIN determined air bag system
air	399	*	AIR BAG DEPLOY 1ST SEAT
air	400	*	AIR BAG DEPLOY OTH SEAT
air	401	2	B - Driver front air bag / passenger sid
air	831	*	AIR BAG AVAIL/FUN POLICE
air	832	*	AIR BAG AVAIL/FUNCTION
air	833	*	AIR BAG DEPLOYMENT
air	834	1	Air bag
air	835	*	AIR BAG DEPLOY/OTHER
air	836	*	AIR BAG SYSTEM FAILURE
air	838	*	AIR BAG TYPE
air	839	*	AIR BAG MAINTENANCE
air	840	*	AIR BAG EVENT NUMBER
air	841	*	CDC OF AIR BAG DEPLOY
air	844	3	Deployed, unknown if air bag module cove
air	848	*	AIR BAG VENT PORTS
air	849	3	Deployed, unknown if other occupant cont

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
air	850	0	Not air bag equipped/not available
air	915	9	Add-on equipment (e.g., tape deck, air c
air	917	4	Air bag related injury
air bag	834	*	AB AVAIL/OTHER
air bag	837	*	AB DEPLOY/PREVIOUS ACC
air bag	842	*	AB ASSOC LONG DELTA V
air bag	843	*	AB FLAPS OPEN CORRECTLY
air bag	844	*	AB FLAPS DAMAGED
air bag	845	*	AB DAMAGED
air bag	846	*	AB DAMAGE SOURCE
air bag	847	*	AB TETHERED
air bag	849	*	AB CONTACTED BY OTHER OC
ais	112	*	MAXIMUM KNOWN AIS
ais	403	*	MAXIMUM KNOWN AIS
ais	877	*	MAXIMUM KNOWN AIS
ais	914	*	AIS SEVERITY
ais90	909	*	BODY REGION - AIS90
ais90	910	*	ASPECT - AIS90
alcohol	115	*	ALCOHOL INVOLVEMENT
alcohol	392	*	ALCOHOL PRESENCE
alcohol	393	*	ALCOHOL TEST RESULT
aleut	397	5	American Indian, Eskimo or Aleut
alfa	307	31	Alfa Romeo
algorithm	361	3	Missing vehicle algorithm
algorithm	370	998	Trajectory algorithm
alignment	383	*	ROADWAY ALIGNMENT
alley	380	3	Driveway, alley access related
ambulance	309	11	Auto based panel (cargo station wagon, i
ambulance	327	6	Ambulance
ambulance	351	11	Auto based panel (cargo station wagon, i
american	307	1	American Motors
american	308	+	Rambler/American
american	397	5	American Indian, Eskimo or Aleut
amputation	920	13	M - Amputation
anatomic	911	*	TYPE OF ANATOMIC STRUCT
anatomic	912	*	SPECIFIC ANATOMIC STRUCT
anchor	824	*	SHOULDER BELT ANCHOR ADJ
anchor	856	4	Seat track/anchors failed
anchorage	823	4	Upper anchorage separated
anchorage	824	1	No upper anchorage adjustment for manual
anchorage	829	4	Upper anchorage separated
angle	118	4	Angle
angle	358	*	HEADING ANGLE - THIS VEH
angle	359	*	HEADING ANGLE - OTH VEH
animal	209	76	Animal
animal	355	76	Animal
animal	376	87	Animal in roadway
animal	507	76	Animal
animal	519	76	Animal
ankle	919	17	Q - Ankle - foot
antenna	915	452	Outside hardware (outside mirror, antenn
anterior	910	5	Anterior
antilock	330	*	ANTILOCK BRAKES
aops	398	*	AOPS VEHICLE
aopss	121	*	AOPSS STUDY
a-pillar	707	6	A-pillar (A1/A2)
a-pillar	711	6	A-pillar (A1/A2)

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	919	1	A - Arm (upper)
armrest	915	51	Left side interior surface (excluding ha
arrow	309	30	Compact pickup (Ram 50, Dakota, Arrow Pi
arrow	351	30	Compact pickup (Ram 50, Dakota, Arrow Pi
arterial	875	*	ARTERIAL BLOOD GASES
arteries	921	1	A - Arteries - veins
asian	397	6	Asian or Pacific Islander
asleep	374	11	Sleepy or fell asleep
aspect	910	*	ASPECT - AIS90
asphalt	385	2	Bituminous (asphalt)
assembly	707	1	Steering assembly
assembly	711	1	Steering assembly
assembly	715	1	Steering assembly
assembly	719	1	Steering assembly
assembly	723	1	Steering assembly
assembly	727	1	Steering assembly
assembly	731	1	Steering assembly
assembly	735	1	Steering assembly
assembly	739	1	Steering assembly
assembly	743	1	Steering assembly
assembly-driver	915	15	Windshield +: front header,A-pillar (A1/
assessment	803	9	Occupant assessment record
assistance	819	3	Exited from vehicle with some assistance
assistive	846	4	Adaptive/assistive controls (specify)
associated	842	*	AB ASSOC LONG DELTA V
associated	908	3	Emergency room records only (including a
associated	918	0	No intrusion or injury not associated wi
astro	309	20	Minivan (Astro, Caravan, Plymouth Vista,
astro	351	20	Minivan (Astro, Caravan, Plymouth Vista,
atc	309	90	ATV (all terrain vehicle including dune/
atc	351	90	ATV (all terrain vehicle including dune/
atmospheric	388	*	ATMOSPHERIC CONDITIONS
atmospheric-related	388	0	No adverse atmospheric-related driving c
attached	915	402	Steering control devices (attached to OE
attachment	915	7	Steering column, transmission, selector
attempted	379	*	ATTEMPTED AVOID MANEUVER
attentive	374	1	Attentive or not distracted
attenuator	209	55	Impact attenuator
attenuator	355	55	Impact attenuator
attenuator	507	55	Impact attenuator
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
auto	309	10	Auto based pickup (includes El Camino, C
auto	351	10	Auto based pickup (includes El Camino, C
auto	825	*	AUTO RESTRAINT AVAILABLE
auto	826	*	AUTO (PASSIV) SYSTEM USE
auto	827	*	AUTO BELT SYSTEM TYPE
auto	828	*	PROPER USE OF AUTO BELT
auto	829	*	AUTO BELT FAILURE MODES
automatic	398	3	VIN determined automatic (passive) belts
automatic	401	16	P - Passive (automatic) belts
automatic	825	1	2 point automatic belts
automatic	826	1	Automatic belt in use
automatic	829	1	No automatic belt failure(s)
automatic	830	7	Other or automatic restraint
automobile	309	8	Other automobile type
automobile	351	8	Other automobile type
autopsy	908	1	Autopsy records with or without hospital
avoid	379	*	ATTEMPTED AVOID MANEUVER
avoidance	375	17	Successful avoidance maneuver to a previ
avoidance	379	1	No avoidance maneuver
avulsion	920	22	V - Avulsion
axis	357	1	Roll right - primarily about longitudina
axle	554	1	Aft of center of the rear wheels (rear a
axle	555	1	Aft of center of the rear wheels (rear a
axle	556	2	Aft of center of the rear wheels (rear a
axle	557	2	Aft of center of the rear wheels (rear a
backing	375	13	Backing up (other than for parking posit
backing	376	56	Backing
backlight	606	7	Rear window (backlight)
backlight	622	*	IMPACT GLAZING DAM - BL
backlight	630	*	CONTACT GLAZING DAM - BL
backlight	638	*	TYPE OF GLAZING - BL
backlight	646	*	WIN PRECRASH STAT - BL
backlight	707	19	Backlight header
backlight	711	19	Backlight header
backlight	715	19	Backlight header
backlight	719	19	Backlight header
backlight	723	19	Backlight header
backlight	727	19	Backlight header
backlight	731	19	Backlight header
backlight	735	19	Backlight header
backlight	739	19	Backlight header
backlight	743	19	Backlight header
backlight	915	301	Backlight (rear window)
bag	398	2	VIN determined air bag system
bag	399	*	AIR BAG DEPLOY 1ST SEAT
bag	400	*	AIR BAG DEPLOY OTH SEAT
bag	401	2	B - Driver front air bag / passenger sid
bag	831	*	AIR BAG AVAIL/FUN POLICE
bag	832	*	AIR BAG AVAIL/FUNCTION
bag	833	*	AIR BAG DEPLOYMENT
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	915	170	Air bag - driver side
bag	917	4	Air bag related injury
barrel	335	2	B - Higher HP, 1 barrel carburetor
barrier	209	54	Concrete traffic barrier
barrier	355	54	Concrete traffic barrier
barrier	366	*	BARRIER EQUIVALENT SPEED
barrier	381	1	Divided trafficway-median strip without
barrier	507	54	Concrete traffic barrier
barrier	519	54	Concrete traffic barrier
basis	361	*	BASIS FOR TOTAL DELTA-V
battery	562	10	Lead acid battery
battery	563	10	Lead acid battery
behind	915	411	Wall mounted head rest (used behind whee
below	915	10	Left instrument panel and below
belt	398	3	VIN determined automatic (passive) belts
belt	401	1	A - Active (manual) belts
belt	820	*	MANUAL BELT AVAILABILITY
belt	821	*	MANUAL BELT USE
belt	822	*	MANUAL BELT PROPER USE
belt	823	*	MANUAL BELT FAILURE
belt	824	*	SHOULDER BELT ANCHOR ADJ
belt	825	1	2 point automatic belts
belt	826	1	Automatic belt in use
belt	827	*	AUTO BELT SYSTEM TYPE
belt	828	*	PROPER USE OF AUTO BELT
belt	829	*	AUTO BELT FAILURE MODES
belt	830	2	Shoulder belt
belt	876	*	BELT USE DETERMINATION
belt	915	152	Belt restraint webbing/buckle
bench	852	3	Bench
benz	307	42	Mercedes Benz
beyond	361	4	At least one vehicle is beyond the scope
bicycle	309	81	Moped (motorized bicycle)
bicycle	351	81	Moped (motorized bicycle)
bilateral	910	3	Bilateral
bituminous	385	2	Bituminous (asphalt)
black	397	2	Black (non-Hispanic)
blank	208	97	(blank) No information
blank	211	97	(blank) No information
blazer	309	15	Large utility (includes Jeep Cherokee, R
blazer	351	15	Large utility (includes Jeep Cherokee, R
block	385	3	Brick or block
blood	874	*	WAS OCCUPANT GIVEN BLOOD
blood	875	*	ARTERIAL BLOOD GASES
blow	376	1	Blow out or flat tire
blowing	388	7	Other (e.g. smog, smoke, blowing sand or
bmw	307	34	BMW
body	309	*	BODY TYPE
body	345	*	VIN BODY TYPE
body	351	*	BODY TYPE - OTHER VEH
body	909	*	BODY REGION - AIS90
body	919	*	OIC - BODY REGION
bolster	753	*	KNEE BOLSTER TYPE

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
bolster	754	*	KNEE BOLSTERS DEFORMED
bolster	915	14	Knee bolster
booster	858	4	Booster seat - with shield
borderline	360	4	Borderline reconstruction - results appe
bounce-over	353	6	Bounce-over
box	852	9	Box mounted seat (i.e., van type)
b-pillar	707	7	B-pillar
b-pillar	711	7	B-pillar
b-pillar	715	7	B-pillar
b-pillar	719	7	B-pillar
b-pillar	723	7	B-pillar
b-pillar	727	7	B-pillar
b-pillar	731	7	B-pillar
b-pillar	735	7	B-pillar
b-pillar	739	7	B-pillar
b-pillar	743	7	B-pillar
b-pillar	915	54	Left B-pillar
bracing	813	7	Bracing with feet or hands on a surface
brain	921	2	B - Brain
brake	330	*	ANTILOCK BRAKES
brake	379	5	Releasing brakes
brake	915	253	Parking brake handle
braking	379	2	Braking (no lockup)
braking	915	401	Hand controls for braking/acceleration
brat	309	10	Auto based pickup (includes El Camino, C
brat	351	10	Auto based pickup (includes El Camino, C
breakaway	209	45	Breakaway pole or post (any diameter)
breakaway	355	45	Breakaway pole or post
breakaway	507	45	Breakaway pole or post (any diameter)
breakaway	519	45	Breakaway pole or post (any diameter)
brick	385	3	Brick or block
bridge	209	64	Bridge
bridge	355	64	Bridge
bridge	507	64	Bridge
bridge	519	64	Bridge
brockway	307	80	Brockway
broken	823	3	Broken buckle or latchplate
broken	829	3	Broken buckle or latchplate
bronco	309	14	Compact utility (includes Jeep CJ-2 thru
bronco	351	14	Compact utility (includes Jeep CJ-2 thru
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
bumper	915	501	Front bumper
burn	846	6	Thermal burns
burn	920	2	B - Burn
burned	845	6	Burned

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
bus	207	24	Van based school bus (< or = 4,536 kgs G
bus	209	71	Medium/heavy truck or bus not in-transpo
bus	210	24	Van based school bus (< or = 4,536 kgs G
bus	309	24	Van based school bus (< 4,536 kgs GVWR)
bus	327	2	Vehicle used as school bus
bus	328	0	No override/underride, or not an end-ove
bus	329	0	No override/underride, or not end-over-e
bus	351	24	Van based school bus (< 4,536 kgs GVWR)
bus	355	71	Medium/heavy truck or bus not in-transpo
bus	507	71	Medium/heavy truck or bus not in-transpo
bus	519	71	Medium/heavy truck or bus not in-transpo
bush	209	43	Shrubbery or bush
bush	355	43	Shrubbery or bush
bush	507	43	Shrubbery or bush
bush	519	43	Shrubbery or bush
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
can	336	3	C - Gasoline engine that can be easily c
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
caravan	309	20	Minivan (Astro, Caravan, Plymouth Vista,
caravan	351	20	Minivan (Astro, Caravan, Plymouth Vista,
carburetion	335	*	CARBURETION
carburetor	335	2	B - Higher HP, 1 barrel carburetor
cargo	208	4	(B) Back or TDC: back of unit with cargo
cargo	211	4	(B) Back or TDC: back of unit with cargo
cargo	309	11	Auto based panel (cargo station wagon, i
cargo	325	*	VEHICLE CARGO WEIGHT
cargo	351	11	Auto based panel (cargo station wagon, i
cargo	551	5	Cargo/trunk compartment
carried	846	3	Object carried by occupant
carry	309	50	School bus (designed to carry students,
carry	351	50	School bus (designed to carry students,
case	102	*	CASE NUMBER

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
certain	916	1	Certain
cervical	919	14	N - Neck - cervical spine
changing	375	15	Changing lanes
charged	335	26	Z - Unknown super charged
charger	309	15	Large utility (includes Jeep Cherokee, R
charger	351	15	Large utility (includes Jeep Cherokee, R
chassis	309	12	Large limousine - more than four side do
chassis	351	12	Large limousine - more than four side do
cherokee	309	15	Large utility (includes Jeep Cherokee, R
cherokee	351	15	Large utility (includes Jeep Cherokee, R
chest	919	3	C - Chest
chevrolet	307	20	Chevrolet
chevy	309	16	Utility station wagon (Chevy Suburban,GM
chevy	351	16	Utility station wagon (Chevy Suburban,GM
child	821	12	Shoulder belt used with child safety sea
child	830	6	Child safety seat
child	857	*	CHILD SEAT MAKE/MODEL
child	858	*	CHILD SEAT TYPE
child	859	*	CHILD SEAT ORIENTATION
child	860	*	CHILD SEAT HARNESS USE
child	861	*	CHILD SEAT SHIELD USE
child	862	*	CHILD SEAT TETHER USE
child	915	162	Child safety seat
chloride	562	13	Sodium metal chloride battery
chloride	563	13	Sodium metal chloride battery
chrysler	307	6	Chrysler
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)
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	367	0	Reconstruction delta V coded
coded	408	99	Unknown, no indication of Delta V coded,
coded	546	*	CDC'S DOC/NOT CODED
coded	921	99	Not Coded
collapse	750	9	Complete steering wheel collapse
collision	118	*	MANNER OF COLLISION
collision	353	7	Collision with another vehicle
collision	360	1	Collision fits model - results appear re
collision	361	4	At least one vehicle is beyond the scope
collision	373	*	POST COLL TREE/POLE COND
collision	376	0	Not applicable/no collision
collision	607	2	Door/gate/hatch came open during collisi
collision	608	2	Door/gate/hatch came open during collisi
collision	609	2	Door/gate/hatch came open during collisi
collision	610	2	Door/gate/hatch came open during collisi
collision	611	2	Door/gate/hatch came open during collisi
column	746	*	STEERING COLUMN TYPE
column	747	*	STEERING COLUMN TILT
column	748	*	STEERING COLUMN TELESCOP
column	852	8	Pedestal (i.e., column supported)
column	915	7	Steering column, transmission, selector
coma	873	*	GLASGOW COMA SCALE SCORE
comanche	309	31	Large pickup (Jeep Pickup, Comanche, Sil
comanche	351	31	Large pickup (Jeep Pickup, Comanche, Sil
combination	606	98	Other combination of above
combination	823	7	Combination of above
combination	829	7	Combination of above
combination	856	7	Combination of above
combination	915	6	Steering wheel (combination of rim, hub/
compact	207	2	Compact (wheelbase => 254 but < 265 cm)
compact	210	2	Compact (wheelbase => 254 but < 265 cm)
compact	309	14	Compact utility (includes Jeep CJ-2 thru
compact	351	14	Compact utility (includes Jeep CJ-2 thru
compartment	551	4	Engine compartment
compartment	606	*	PASS COMPART INTEGRITY

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
condition	388	*	ATMOSPHERIC CONDITIONS
conditioner	915	9	Add-on equipment (e.g., tape deck, air c
confidence	360	*	RECONSTRUCT CONFIDENCE
confidence	916	*	CONFIDENCE LEVEL
consciousness	911	6	Head - LOC (Level of Consciousness)
console	813	5	Sitting on a console
console	915	164	Center console - first row
console-mounted	915	252	Floor or console-mounted transmission le
construction	309	93	Construction equipment other than trucks
construction	351	93	Construction equipment other than trucks
contact	209	*	VEH NUM/OBJ CONTACT(2)
contact	355	*	ROLLOVER INIT OBJ 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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
contact	636	0	No glazing contact
contact	637	0	No glazing contact
contact	638	0	No glazing contact
contact	639	0	No glazing contact
contact	640	0	No glazing contact
contact	849	3	Deployed, unknown if other occupant cont
contact	850	3	Contact lenses
contact	915	570	Same occupant contact (specify)
contact	917	1	Direct contact injury
contacted	507	*	OBJECT CONTACTED (1)
contacted	519	*	OBJECT CONTACTED (2)
contacted	625	2	Glazing contacted by occupant but no gla
contacted	626	2	Glazing contacted by occupant but no gla
contacted	627	2	Glazing contacted by occupant but no gla
contacted	628	2	Glazing contacted by occupant but no gla
contacted	629	2	Glazing contacted by occupant but no gla
contacted	630	2	Glazing contacted by occupant but no gla
contacted	631	2	Glazing contacted by occupant but no gla
contacted	632	2	Glazing contacted by occupant but no gla
contacted	849	*	AB CONTACTED BY OTHER OC
control	374	7	While adjusting climate controls
control	376	8	Other cause of control loss
control	389	*	TRAFFIC CONTROL DEVICE
control	390	*	CONTROL DEVICE FUNCTION
control	846	4	Adaptive/assistive controls (specify)
control	915	254	Foot controls (including parking brake)
controlled	335	7	G - 1 barrel, electronically controlled
contusion	920	3	C - Contusion
conventional	309	39	Unknown (pickup style) light conventiona
conventional	351	39	Unknown (pickup style) light conventiona
conversion	517	11	K - Conversion in impact type
conversion	529	11	K - Conversion in impact type
converted	336	3	C - Gasoline engine that can be easily c
convertible	309	1	Convertible (excludes sun roof, t-bar)
convertible	351	1	Convertible (excludes sun roof, t-bar)
convertible	707	13	Roof (or convertible top)
convertible	711	13	Roof (or convertible top)
convertible	715	13	Roof (or convertible top)
convertible	719	13	Roof (or convertible top)
convertible	723	13	Roof (or convertible top)
convertible	727	13	Roof (or convertible top)
convertible	731	13	Roof (or convertible top)
convertible	735	13	Roof (or convertible top)
convertible	739	13	Roof (or convertible top)
convertible	743	13	Roof (or convertible top)
convertible	858	3	Convertible seat
convertible	915	205	Roof or convertible top
conveyance	209	74	Other nonmotorist or conveyance
conveyance	507	74	Other nonmotorist or conveyance
conveyance	519	74	Other nonmotorist or conveyance
cooper	307	65	Cooper
cord	921	3	C - Spinal cord
corner	517	5	E - Corner
corner	529	5	E - Corner
coroner	908	5	Lay coroner report
correctly	843	*	AB FLAPS OPEN CORRECTLY
counterclockwise	377	4	Skidding laterally - counterclockwise ro

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
country	309	50	School bus (designed to carry students,
country	351	50	School bus (designed to carry students,
coupe	309	2	2-door sedan, hardtop, coupe
coupe	351	2	2-door sedan, hardtop, coupe
cover	844	3	Deployed, unknown if air bag module cove
cover	915	175	Air bag compartment cover - driver side
c-pillar	707	8	C-pillar
c-pillar	711	8	C-pillar
c-pillar	715	8	C-pillar
c-pillar	719	8	C-pillar
c-pillar	723	8	C-pillar
c-pillar	727	8	C-pillar
c-pillar	731	8	C-pillar
c-pillar	735	8	C-pillar
c-pillar	739	8	C-pillar
c-pillar	743	8	C-pillar
cracked	373	2	Cracked/sheared
cracked	617	2	Glazing in place and cracked from impact
cracked	618	2	Glazing in place and cracked from impact
cracked	619	2	Glazing in place and cracked from impact
cracked	620	2	Glazing in place and cracked from impact
cracked	621	2	Glazing in place and cracked from impact
cracked	622	2	Glazing in place and cracked from impact
cracked	623	2	Glazing in place and cracked from impact
cracked	624	2	Glazing in place and cracked from impact
cracked	625	3	Glazing in place and cracked by occupant
cracked	626	3	Glazing in place and cracked by occupant
cracked	627	3	Glazing in place and cracked by occupant
cracked	628	3	Glazing in place and cracked by occupant
cracked	629	3	Glazing in place and cracked by occupant
cracked	630	3	Glazing in place and cracked by occupant
cracked	631	3	Glazing in place and cracked by occupant
cracked	632	3	Glazing in place and cracked by occupant
critical	112	5	Critical injury
critical	375	17	Successful avoidance maneuver to a previ
critical	376	*	CRITICAL PRECRASH EVENT
critical	403	5	Critical injury
critical	877	5	Critical injury
critical	914	5	Critical injury
cross	309	50	School bus (designed to carry students,
cross	351	50	School bus (designed to carry students,
crossing	376	17	Crossing over (passing through) intersec
crossing	389	1	Traffic control signal (not RR crossing)
crossover	376	55	In crossover
crush	709	*	CRUSH DIRECTION (1)
crush	713	*	CRUSH DIRECTION (2)
crush	717	*	CRUSH DIRECTION (3)
crush	721	*	CRUSH DIRECTION (4)
crush	725	*	CRUSH DIRECTION (5)
crush	729	*	CRUSH DIRECTION (6)
crush	733	*	CRUSH DIRECTION (7)
crush	737	*	CRUSH DIRECTION (8)
crush	741	*	CRUSH DIRECTION (9)
crush	745	*	CRUSH DIRECTION (10)
crush	920	14	N - Crush
culvert	209	60	Ditch or culvert
culvert	355	60	Ditch or culvert

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
cut	845	3	Cut
cutoff	401	21	U - Dual front air bag / active belts w/
cycle	207	80	Motored cycle
cycle	209	73	Cyclist or cycle
cycle	210	80	Motored cycle
cycle	307	79	Other motored cycle
cycle	309	88	Other motored cycle type (minibike, moto
cycle	351	88	Other motored cycle type (minibike, moto
cycle	507	73	Cyclist or cycle
cycle	519	73	Cyclist or cycle
cyclist	209	73	Cyclist or cycle
cyclist	507	73	Cyclist or cycle
cyclist	519	73	Cyclist or cycle
daewoo	307	64	Daewoo
daihatsu	307	60	Daihatsu
dakota	309	30	Compact pickup (Ram 50, Dakota, Arrow Pi
dakota	351	30	Compact pickup (Ram 50, Dakota, Arrow Pi
damage	208	*	GEN AREA OF DAMAGE (1)
damage	209	35	Other intraunit damage
damage	211	*	GEN AREA OF DAMAGE (2)
damage	322	1	Vehicle fully repaired - no damage evide
damage	323	0	Not towed due to vehicle damage
damage	361	1	Reconstruction program - damage only rou
damage	503	0	Filler - No damage record for this vehic
damage	507	35	Other intraunit damage
damage	519	35	Other intraunit damage
damage	547	0	Not towed due to vehicle damage
damage	558	*	FUEL TANK 1 DAMAGE
damage	559	*	FUEL TANK 2 DAMAGE
damage	564	1	Yes, no damage to any tank or filler cap
damage	566	*	DIRECT DAMAGE WIDTH
damage	603	0	Filler - No damage record for this vehic
damage	612	*	DOOR/GATE/HATCH DAM - LF
damage	613	*	DOOR/GATE/HATCH DAM - RF
damage	614	*	DOOR/GATE/HATCH DAM - LR
damage	615	*	DOOR/GATE/HATCH DAM - RR
damage	616	*	DOOR/GATE/HATCH DAM - TG

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
damaged	845	*	AB DAMAGED
damaged	846	1	Not damaged
damaged	851	2	Integral - damaged during accident
dark	387	2	Dark
dataset	822	9	Not provided in 2004 dataset
dataset	828	9	Not provided in 2004 dataset
datsun	307	35	Nissan/Datsun
dawn	387	4	Dawn
day	108	*	ACCIDENT DAY OF WEEK
day	866	61	61 days or more
day	867	*	WORKING DAYS LOST
day	868	60	From 29 1/2 to 30 days after the acciden
daylight	340	*	DAYLIGHT RUNNING LIGHTS
daylight	387	1	Daylight
deactivation	401	21	U - Dual front air bag / active belts w/
death	868	*	TIME TO DEATH
death	869	96	Mode of death given but specific injurie
death	870	96	Mode of death given but specific injurie
death	871	96	Mode of death given but specific injurie
death-1-med	869	*	CAUSE OF DEATH-1-MED REP
death-2-med	870	*	CAUSE OF DEATH-2-MED REP
death-3-med	871	*	CAUSE OF DEATH-3-MED REP
decelerating	375	2	Decelerating in traffic lane
decelerating	376	18	This vehicle decelerating
december	106	12	December
deck	915	9	Add-on equipment (e.g., tape deck, air c

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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"
delta-v	535	*	HIGHEST DELTA-V - "C5"
delta-v	536	*	HIGHEST DELTA-V - "C6"
delta-v	537	*	HIGHEST DELTA-V - "D"
delta-v	538	*	SECOND DELTA-V - "L"
delta-v	539	*	SECOND DELTA-V - "C1"
delta-v	540	*	SECOND DELTA-V - "C2"
delta-v	541	*	SECOND DELTA-V - "C3"
delta-v	542	*	SECOND DELTA-V - "C4"
delta-v	543	*	SECOND DELTA-V - "C5"
delta-v	544	*	SECOND DELTA-V - "C6"
delta-v	545	*	SECOND DELTA-V - "D"
delta-v	841	3	Other noncoded delta-V (specify)
departed	378	4	Departed roadway
departure	376	14	End departure
deploy	399	*	AIR BAG DEPLOY 1ST SEAT
deploy	400	*	AIR BAG DEPLOY OTH SEAT
deploy	835	*	AIR BAG DEPLOY/OTHER
deploy	837	*	AB DEPLOY/PREVIOUS ACC
deploy	841	*	CDC OF AIR BAG DEPLOY
deployed	399	1	No air bags deployed
deployed	400	1	Deployed during accident (as a result of
deployed	831	2	Deployed
deployed	833	1	Air bag deployed during accident (as a r

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
determine	401	14	N - If unable to determine
device	374	9	While using other device/controls integr
device	389	*	TRAFFIC CONTROL DEVICE
device	390	*	CONTROL DEVICE FUNCTION
device	915	402	Steering control devices (attached to OE
dialing	374	6	While dialing cellular phone (specify lo
diamond	307	81	Diamond Reo, Reo
died	863	6	Died prior to accident
diesel	336	4	D - Diesel
diesel	562	2	Diesel
diesel	563	2	Diesel
digestive	921	4	D - Digestive
direct	566	*	DIRECT DAMAGE WIDTH
direct	917	*	DIRECT/INDIRECT INJURY
direction	118	5	Sideswipe, same direction
direction	357	*	DIRECTION OF INITIAL ROL
direction	376	19	Unknown travel direction
direction	508	*	DIRECTION OF FORCE (1)
direction	520	*	DIRECTION OF FORCE (2)
direction	709	*	CRUSH DIRECTION (1)
direction	713	*	CRUSH DIRECTION (2)
direction	717	*	CRUSH DIRECTION (3)
direction	721	*	CRUSH DIRECTION (4)
direction	725	*	CRUSH DIRECTION (5)
direction	729	*	CRUSH DIRECTION (6)
direction	733	*	CRUSH DIRECTION (7)
direction	737	*	CRUSH DIRECTION (8)
direction	741	*	CRUSH DIRECTION (9)
direction	745	*	CRUSH DIRECTION (10)
dirt	385	5	Dirt
dirt	386	5	Sand, dirt or oil
disabled	375	7	Disabled or parked in travel lane

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
down	747	4	Between center and full down
down	824	4	In full down position
down	915	167	Fold down armrest - first row
downhill	384	4	Downhill grade (> 2%)
d-pillar	707	9	D-pillar
d-pillar	711	9	D-pillar
d-pillar	715	9	D-pillar
d-pillar	719	9	D-pillar
d-pillar	723	9	D-pillar
d-pillar	727	9	D-pillar
d-pillar	731	9	D-pillar
d-pillar	735	9	D-pillar
d-pillar	739	9	D-pillar
d-pillar	743	9	D-pillar
drinking	374	13	Eating or drinking
drive	331	*	FOUR WHEEL DRIVE
drive	332	*	FRONT WHEEL DRIVE
drive	333	*	FRONT/REAR WHEEL DRIVE
drive	334	*	# WHEELS/# DRIVE WHEELS
driver	371	99	Unknown or no driver present
driver	374	0	No driver present
driver	375	0	No driver present
driver	377	0	No driver present
driver	378	0	No driver present
driver	379	0	No driver present
driver	391	*	DRIVER PRESENCE
driver	392	8	No driver present
driver	393	98	No driver present
driver	394	8	No driver present
driver	395	8	No driver present
driver	396	0	Driver not present
driver	397	0	Driver not present
driver	399	2	Driver air bag deployed
driver	401	2	B - Driver front air bag / passenger sid

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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)
driver-side	401	24	X - Dual air bags front / side air bag,
driveway	376	70	From driveway - turning into same direct
driveway	380	3	Driveway, alley access related
driving	374	*	DISTRACTION TO DRIVING
driving	388	0	No adverse atmospheric-related driving c
driving	756	0	No adaptive driving equipment
drug	117	*	DRUG INVOLVEMENT
drug	394	*	OTHER DRUG PRESENCE
drug	395	*	OTH DRUG - SPECIMEN TEST
dry	386	1	Dry
dual	401	3	C - Dual front air bags / belt system un
ducati	307	71	Ducati
dump	309	40	Cab chassis based (includes rescue vehic
dump	351	40	Cab chassis based (includes rescue vehic
dune	309	90	ATV (all terrain vehicle including dune/
dune	351	90	ATV (all terrain vehicle including dune/
dusk	387	5	Dusk
dust	388	7	Other (e.g. smog, smoke, blowing sand or
e100	562	7	Ethanol (E100 or E85)
e100	563	7	Ethanol (E100 or E85)
e85	562	7	Ethanol (E100 or E85)
e85	563	7	Ethanol (E100 or E85)
eagle	307	10	Eagle
ear	921	5	E - Ears
easily	336	3	C - Gasoline engine that can be easily c
eating	374	13	Eating or drinking
econoline	309	21	Large van (Sportsman, Royal, Ram, Chevy
econoline	351	21	Large van (Sportsman, Royal, Ram, Chevy
edge	376	12	Off the edge of the road on the left sid
edge	915	502	Hood edge
effort	915	404	Low effort power steering (unit or devic
efforts	846	7	Rescue or emergency efforts
ejected	819	5	Occupant fully ejected
ejection	814	*	EJECTION
ejection	815	*	EJECTION AREA
ejection	816	*	EJECTION MEDIUM
ejection	817	0	No ejection
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	2	B - Electric and gasoline hybrid engine
electric	552	0	No fuel tank (electric vehicle)
electric	553	0	No fuel tank (electric vehicle)
electrical	400	4	Deployed as a result of a noncollision e
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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	2	B - Electric and gasoline hybrid engine
engine	349	*	MTRCYCLE ENGINE DISPLACE
engine	376	2	Stalled engine
engine	551	4	Engine compartment
engine	915	574	Engine shroud/cover
entered	378	7	Entered roadway
entering	375	9	Entering a parked position
entrance	376	74	From entrance to limited access highway
entrapment	818	*	ENTRAPMENT
entrapped	818	0	Not entrapped/exit not inhibited
environment	707	32	Other exterior object in the environment
environment	711	32	Other exterior object in the environment
environment	715	32	Other exterior object in the environment
environment	719	32	Other exterior object in the environment
environment	723	32	Other exterior object in the environment
environment	727	32	Other exterior object in the environment
environment	731	32	Other exterior object in the environment
environment	735	32	Other exterior object in the environment
environment	739	32	Other exterior object in the environment
environment	743	32	Other exterior object in the environment
equipment	309	92	Farm equipment other than trucks
equipment	351	92	Farm equipment
equipment	756	0	No adaptive driving equipment
equipment	915	9	Add-on equipment (e.g., tape deck, air c
equivalent	366	*	BARRIER EQUIVALENT SPEED
eskimo	397	5	American Indian, Eskimo or Aleut
estimate	367	*	EST HIGHEST DELTA V
ethanol	336	8	H - Ethanol fuel only

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
ethanol	562	7	Ethanol (E100 or E85)
ethanol	563	7	Ethanol (E100 or E85)
ethnic	397	*	DRIVER'S RACE/ETHNIC
event	110	*	NUM EVENTS RECORDED
event	203	2	Event record
event	205	*	EVENT SEQUENCE NUMBER
event	209	98	Other event
event	355	98	Other event
event	374	12	Distracted by outside person, object, or
event	375	17	Successful avoidance maneuver to a previ
event	376	*	CRITICAL PRECRASH EVENT
event	400	4	Deployed as a result of a noncollision e
event	408	*	DELTA V EVENT NUMBER
event	506	0	No event
event	507	0	No event or CDC applicable
event	513	0	No event
event	518	0	No event
event	519	0	No event or not CDC applicable
event	525	0	No event
event	833	4	Air bag deployed as a result of a noncol
event	835	4	Air bag deployed as a result of a noncol
event	840	*	AIR BAG EVENT NUMBER
event	841	6	Deployed, unknown event
evident	322	1	Vehicle fully repaired - no damage evide
excluding	309	6	Station Wagon (excluding van and truck b
excluding	351	6	Station Wagon (excluding van and truck b
excluding	915	51	Left side interior surface (excluding ha
exhaust	551	2	Exhaust system
exhaust	915	604	Air bag exhaust gases
exit	818	0	Not entrapped/exit not inhibited
exited	819	3	Exited from vehicle with some assistance
explosion	209	33	Fire or explosion
explosion	400	4	Deployed as a result of a noncollision e
explosion	507	33	Fire or explosion
explosion	519	33	Fire or explosion
explosion	833	4	Air bag deployed as a result of a noncol
explosion	835	4	Air bag deployed as a result of a noncol
extent	513	*	DEFORMATION EXTENT (1)
extent	525	*	DEFORMATION EXTENT (2)
exterior	503	6	Exterior Damage record
exterior	551	1	Vehicle exterior (front, side, back, top
exterior	707	32	Other exterior object in the environment
exterior	711	32	Other exterior object in the environment
exterior	715	32	Other exterior object in the environment
exterior	719	32	Other exterior object in the environment
exterior	723	32	Other exterior object in the environment
exterior	727	32	Other exterior object in the environment
exterior	731	32	Other exterior object in the environment
exterior	735	32	Other exterior object in the environment
exterior	739	32	Other exterior object in the environment
exterior	743	32	Other exterior object in the environment
exterior	915	17	Windshield reinforced by exterior object
extremity	909	7	Upper Extremity
eye	921	15	O - Eye
eyeglasses	850	2	Eyeglasses/sunglasses
eyewear	850	*	EYEWEAR WORN
eyewear	915	171	Air bag - driver side and eyewear

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
face	909	2	Face
face	919	6	F - Face
facility	111	8	Transported to a medical facility - unkn
facility	864	8	Transported to a medical facility - unkn
facility	865	*	TYPE OF MEDICAL FACILITY
facility	873	1	Injured - not treated at medical facilit
facing	853	1	Forward facing seat
facing	859	1	Rear facing
factor	116	*	RATIO INFLATION FACTOR
failed	856	2	Seat adjusters failed
failure	376	3	Disabling vehicle failure (e.g. wheel fe
failure	558	2	Deformed, no seam failure
failure	559	2	Deformed, no seam failure
failure	612	2	Latch/striker failure due to damage
failure	613	2	Latch/striker failure due to damage
failure	614	2	Latch/striker failure due to damage
failure	615	2	Latch/striker failure due to damage
failure	616	2	Latch/striker failure due to damage
failure	823	*	MANUAL BELT FAILURE
failure	829	*	AUTO BELT FAILURE MODES
failure	836	*	AIR BAG SYSTEM FAILURE
failure	856	1	No seat performance failure(s)
fall-over	353	5	Fall-over
fall-over	355	31	Turn-over - fall-over
farm	309	92	Farm equipment other than trucks
farm	351	92	Farm equipment
fast	376	6	Traveling too fast for conditions
fatal	111	1	Fatal
fatal	402	1	Fatal
fatal	819	0	Occupant fatal before removed from vehic
fatal	863	4	K - fatal injury
fatal	864	1	Fatal
fatal	868	0	Not fatal
fatal	869	0	Not fatal or no additional causes
fatal	870	0	Not fatal or no additional causes
fatal	871	0	Not fatal or no additional causes
fatally	867	62	Fatally injured
february	106	2	February
feet	813	7	Bracing with feet or hands on a surface
fell	209	79	Object fell from vehicle in transport
fell	355	79	Object fell from vehicle in-transport
fell	374	11	Sleepy or fell asleep
fell	376	3	Disabling vehicle failure (e.g. wheel fe
fell	507	79	Object fell from vehicle in transport
fell	519	79	Object fell from vehicle in transport
female	808	2	Female - not reported pregnant
fence	209	57	Fence
fence	355	57	Fence
fence	507	57	Fence
fence	519	57	Fence
fiat	307	36	Fiat
fifteen	352	15	Rollover - fifteen quarter turns
filter	560	5	Lines/pump/filter
filter	561	5	Lines/pump/filter
fire	120	*	IMPACT FIRES
fire	209	33	Fire or explosion
fire	327	7	Fire truck or car

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
fire	355	62	Fire hydrant
fire	400	4	Deployed as a result of a noncollision e
fire	507	33	Fire or explosion
fire	519	33	Fire or explosion
fire	550	*	FIRE OCCURRENCE
fire	551	*	ORIGIN OF FIRE
fire	818	2	Could not exit vehicle due to jammed doo
fire	833	4	Air bag deployed as a result of a noncol
fire	835	4	Air bag deployed as a result of a noncol
fire	846	5	Fire in vehicle
fire	915	601	Fire in vehicle
fixed	209	68	Other fixed object
fixed	355	68	Other fixed object
fixed	507	68	Other fixed object
fixed	519	68	Other fixed object
fixed	641	1	Fixed
fixed	642	1	Fixed
fixed	643	1	Fixed
fixed	644	1	Fixed
fixed	645	1	Fixed
fixed	646	1	Fixed
fixed	647	1	Fixed
fixed	648	1	Fixed
fixed	746	1	Fixed column
fixed	816	3	Fixed glazing
flap	843	*	AB FLAPS OPEN CORRECTLY
flap	844	*	AB FLAPS DAMAGED
flat	376	1	Blow out or flat tire
flew	376	4	Nondisabling vehicle problem (e.g. hood
flexible	336	6	F - Flexible fuel
flip-over	353	2	Flip-over
floor	707	18	Floor pan (includes sill)
floor	711	18	Floor pan (includes sill)
floor	715	18	Floor pan (includes sill)
floor	719	18	Floor pan (includes sill)
floor	723	18	Floor pan (includes sill)
floor	727	18	Floor pan (includes sill)
floor	731	18	Floor pan (includes sill)
floor	735	18	Floor pan (includes sill)
floor	739	18	Floor pan (includes sill)
floor	743	18	Floor pan (includes sill)
floor	915	251	Floor including toe pan
flow	381	*	TRAFFICWAY FLOW
flying	915	602	Flying glass
fog	388	4	Fog
fold	915	167	Fold down armrest - first row
folding	852	2	Bucket with folding back
folding	856	3	Seat back folding locks or "seat back" f
following	564	3	Yes, damage to additional tank or filler
foot	915	254	Foot controls (including parking brake)
foot	919	17	Q - Ankle - foot
force	356	*	PRIN TRIP FORCE APPLIED
force	508	*	DIRECTION OF FORCE (1)
force	520	*	DIRECTION OF FORCE (2)
ford	307	12	Ford
ford	336	7	G - Gas (ie Ford engine methanol fuel is
forearm	919	18	R - Forearm

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
foreign	307	69	Other foreign
form	105	*	NUM GEN VEH FORMS SUBMIT
form	407	*	NUMBER OCCUPANT FORMS
found	395	1	Drug(s) not found in specimen
fourteen	352	14	Rollover - fourteen quarter turns
fracture	920	6	F - Fracture
frame	707	17	Window frame
frame	711	17	Window frame
frame	715	17	Window frame
frame	719	17	Window frame
frame	723	17	Window frame
frame	727	17	Window frame
frame	731	17	Window frame
frame	735	17	Window frame
frame	739	17	Window frame
frame	743	17	Window frame
frame	915	57	Left side window frame
freightliner	307	82	Freightliner/White Freightliner/White
friday	108	6	Friday
front	208	1	(F) Front
front	211	1	(F) Front
front	328	*	FRONT OVERRIDE/UNDERRIDE
front	332	*	FRONT WHEEL DRIVE
front	333	*	FRONT/REAR WHEEL DRIVE
front	401	2	B - Driver front air bag / passenger sid
front	514	6	F - Front
front	526	6	F - Front
front	551	1	Vehicle exterior (front, side, back, top
front	706	11	Front row - left
front	707	20	Front seat back
front	710	11	Front row - left
front	711	20	Front seat back
front	714	11	Front row - left
front	715	20	Front seat back
front	718	11	Front row - left
front	719	20	Front seat back
front	722	11	Front row - left
front	723	20	Front seat back
front	726	11	Front row - left
front	727	20	Front seat back
front	730	11	Front row - left
front	731	20	Front seat back
front	734	11	Front row - left
front	735	20	Front seat back
front	738	11	Front row - left
front	739	20	Front seat back
front	742	11	Front row - left
front	743	20	Front seat back
front	812	11	Front seat - left side (driver's side)
front	813	3	Kneeling, standing or sitting in front o
front	815	2	Left front
front	915	15	Windshield +: front header,A-pillar (A1/
fuel	335	6	F - Unknown, fuel injection rating code
fuel	336	*	FUEL CODE
fuel	551	3	Fuel tank (and other fuel retention syst
fuel	552	*	TYPE OF FUEL TANK 1
fuel	553	*	TYPE OF FUEL TANK 2

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
fuel	554	*	FUEL TANK 1 LOCATION
fuel	555	*	FUEL TANK 2 LOCATION
fuel	556	*	FUEL TANK 1 FILLER CAP
fuel	557	*	FUEL TANK 2 FILLER CAP
fuel	558	*	FUEL TANK 1 DAMAGE
fuel	559	*	FUEL TANK 2 DAMAGE
fuel	560	*	LOCATION OF FUEL 1 LEAK
fuel	561	*	LOCATION OF FUEL 2 LEAK
fuel	562	*	FUEL TYPE 1
fuel	563	*	FUEL TYPE 2
fuel	564	*	MORE THAN 2 FUEL TANKS
full	207	4	Full size (wheelbase => 278 but < 291 cm
full	210	4	Full size (wheelbase => 278 but < 291 cm
full	747	1	Full up
full	748	1	Full back
full	824	2	In full upright position
fullsize	309	15	Large utility (includes Jeep Cherokee, R
fullsize	351	15	Large utility (includes Jeep Cherokee, R
fun	831	*	AIR BAG AVAIL/FUN POLICE
function	390	*	CONTROL DEVICE FUNCTION
function	831	1	Police did not indicate air bag availabi
function	832	*	AIR BAG AVAIL/FUNCTION
functioning	390	1	Traffic control device not functioning
funeral	327	8	Other (i.e. funeral hearse)
fwd	307	83	FWD
gas	336	3	C - Gasoline engine that can be easily c
gas	562	3	CNG (Compressed Natural Gas)
gas	563	3	CNG (Compressed Natural Gas)
gaseous	336	3	C - Gasoline engine that can be easily c
gases	875	*	ARTERIAL BLOOD GASES
gases	915	604	Air bag exhaust gases
gasoline	336	2	B - Electric and gasoline hybrid engine
gasoline	562	1	Gasoline
gasoline	563	1	Gasoline
gate	607	*	DOOR/GATE/HATCH OPN - LF
gate	608	*	DOOR/GATE/HATCH OPN - RF
gate	609	*	DOOR/GATE/HATCH OPN - LR
gate	610	*	DOOR/GATE/HATCH OPN - RR
gate	611	*	DOOR/GATE/HATCH OPN - TG
gate	612	*	DOOR/GATE/HATCH DAM - LF
gate	613	*	DOOR/GATE/HATCH DAM - RF
gate	614	*	DOOR/GATE/HATCH DAM - LR
gate	615	*	DOOR/GATE/HATCH DAM - RR
gate	616	*	DOOR/GATE/HATCH DAM - TG
gcs	873	2	No GCS score at medical facility
general	105	*	NUM GEN VEH FORMS SUBMIT
general	208	*	GEN AREA OF DAMAGE (1)
general	211	*	GEN AREA OF DAMAGE (2)
general	303	3	General Vehicle record
general	307	3	AM General
gland	921	20	T - Thyroid, other endocrine gland
glasgow	873	*	GLASGOW COMA SCALE SCORE
glass	606	5	Roof glass
glass	633	6	AS-14 - Glass/plastic
glass	634	6	AS-14 - Glass/plastic
glass	635	6	AS-14 - Glass/plastic
glass	636	6	AS-14 - Glass/plastic

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
glazing	642	0	No glazing
glazing	643	0	No glazing
glazing	644	0	No glazing
glazing	645	0	No glazing
glazing	646	0	No glazing
glazing	647	0	No glazing
glazing	648	0	No glazing
glazing	816	3	Fixed glazing
glove	755	*	GLOVE COMPART DOOR OPEN
glove	915	13	Glove compartment door
gmc	307	23	GMC
gmc	309	16	Utility station wagon (Chevy Suburban,GM
gmc	351	16	Utility station wagon (Chevy Suburban,GM
grab	915	573	Grab handles
grade	384	2	Uphill grade (> 2%)
grand	309	16	Utility station wagon (Chevy Suburban,GM
grand	351	16	Utility station wagon (Chevy Suburban,GM
gravel	385	4	Slag, gravel or stone
ground	209	61	Ground
ground	355	61	Ground
ground	507	61	Ground
ground	519	61	Ground
ground	915	551	Ground
grumman	307	25	Grumman
guardrail	209	56	Other traffic barrier (includes guardrai
guardrail	355	56	Other traffic barrier (includes guardrai
guardrail	507	56	Other traffic barrier (includes guardrai

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
guardrail	519	56	Other traffic barrier (includes guardrai
hail	388	2	Sleet/hail
hand	813	7	Bracing with feet or hands on a surface
hand	915	401	Hand controls for braking/acceleration
hand	919	23	W - Wrist - hand
handle	915	253	Parking brake handle
handles	915	573	Grab handles
hardtop	309	2	2-door sedan, hardtop, coupe
hardtop	351	2	2-door sedan, hardtop, coupe
hardware	915	51	Left side interior surface (excluding ha
harley-davidson	307	72	Harley-Davidson
harness	860	*	CHILD SEAT HARNESS USE
harvester	307	84	International Harvester/Navistar
hatch	606	3	Door/hatch (back door)
hatch	607	*	DOOR/GATE/HATCH OPN - LF
hatch	608	*	DOOR/GATE/HATCH OPN - RF
hatch	609	*	DOOR/GATE/HATCH OPN - LR
hatch	610	*	DOOR/GATE/HATCH OPN - RR
hatch	611	*	DOOR/GATE/HATCH OPN - TG
hatch	612	*	DOOR/GATE/HATCH DAM - LF
hatch	613	*	DOOR/GATE/HATCH DAM - RF
hatch	614	*	DOOR/GATE/HATCH DAM - LR
hatch	615	*	DOOR/GATE/HATCH DAM - RR
hatch	616	*	DOOR/GATE/HATCH DAM - TG
hatch	816	1	Door/hatch/tailgate
hatchback	309	3	3-door/2-door hatchback
hatchback	351	3	3-door/2-door hatchback
hco3	875	96	ABGs reported, HCO3 unknown
head	401	8	H - Dual air bags front, head and sides
head	851	*	HEAD RESTRAINT TYPE/DAM
head	909	1	Head
head	911	6	Head - LOC (Level of Consciousness)
head	915	155	Head restraint system
head	919	8	H - Head - skull
heading	358	*	HEADING ANGLE - THIS VEH
heading	359	*	HEADING ANGLE - OTH VEH
head-on	118	2	Head-on
healey	307	33	Austin/Austin Healey
hearse	309	11	Auto based panel (cargo station wagon, i
hearse	327	8	Other (i.e. funeral hearse)
hearse	351	11	Auto based panel (cargo station wagon, i
heart	921	8	H - Heart
heavy	207	78	Unknown medium/heavy truck type
heavy	209	71	Medium/heavy truck or bus not in-transpo
heavy	210	78	Unknown medium/heavy truck type
heavy	309	65	Medium/heavy truck based motorhome
heavy	328	7	Medium or heavy truck override or underr
heavy	329	7	Medium or heavy truck override or underr
heavy	351	65	Medium/heavy truck based motorhome
heavy	355	71	Medium/heavy truck or bus not in-transpo
heavy	507	71	Medium/heavy truck or bus not in-transpo
heavy	519	71	Medium/heavy truck or bus not in-transpo
height	809	*	HEIGHT
hi-cube	309	28	Other van type (Hi-Cube Van, Kary)
hi-cube	351	28	Other van type (Hi-Cube Van, Kary)
high	335	5	E - Turbo high HP
high	360	2	Collision fits model - results appear hi

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
higher	335	2	B - Higher HP, 1 barrel carburetor
higher	376	53	Traveling in same direction with higher
highest	367	*	EST HIGHEST DELTA V
highest	373	0	Not collision (for highest delta V) with
highest	530	*	HIGHEST DELTA-V - "L"
highest	531	*	HIGHEST DELTA-V - "C1"
highest	532	*	HIGHEST DELTA-V - "C2"
highest	533	*	HIGHEST DELTA-V - "C3"
highest	534	*	HIGHEST DELTA-V - "C4"
highest	535	*	HIGHEST DELTA-V - "C5"
highest	536	*	HIGHEST DELTA-V - "C6"
highest	537	*	HIGHEST DELTA-V - "D"
highest	565	998	No highest severity end plane impact
highest	841	1	Highest delta V
highway	376	74	From entrance to limited access highway
hillcrest	384	3	Hillcrest
hinge	612	3	Hinge failure due to damage
hinge	613	3	Hinge failure due to damage
hinge	614	3	Hinge failure due to damage
hinge	615	3	Hinge failure due to damage
hinge	616	3	Hinge failure due to damage
hip	919	16	P - Pelvis - hip
hispanic	397	3	White (Hispanic)
hitting	350	998	Not applicable (most severe impact not w
hitting	351	98	Not applicable (most severe impact not w
holed	617	3	Glazing in place and holed from impact f
holed	618	3	Glazing in place and holed from impact f
holed	619	3	Glazing in place and holed from impact f
holed	620	3	Glazing in place and holed from impact f
holed	621	3	Glazing in place and holed from impact f
holed	622	3	Glazing in place and holed from impact f
holed	623	3	Glazing in place and holed from impact f
holed	624	3	Glazing in place and holed from impact f
holed	625	4	Glazing in place and holed by occupant c
holed	626	4	Glazing in place and holed by occupant c
holed	627	4	Glazing in place and holed by occupant c
holed	628	4	Glazing in place and holed by occupant c
holed	629	4	Glazing in place and holed by occupant c
holed	630	4	Glazing in place and holed by occupant c
holed	631	4	Glazing in place and holed by occupant c
holed	632	4	Glazing in place and holed by occupant c
holed	845	5	Holed
honda	307	37	Honda
hood	376	4	Nondisabling vehicle problem (e.g. hood
hood	707	30	Hood
hood	711	30	Hood
hood	715	30	Hood
hood	719	30	Hood
hood	723	30	Hood
hood	727	30	Hood
hood	731	30	Hood
hood	735	30	Hood
hood	739	30	Hood
hood	743	30	Hood
hood	915	451	Hood
horizontal	568	998	Non horizontal impact
horizontal	569	998	Non horizontal impact

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
hospital	865	2	Hospital
hospital	866	*	HOSPITAL STAY
hospital	908	1	Autopsy records with or without hospital
hospitalization	111	3	Hospitalization
hospitalization	402	3	Hospitalization
hospitalized	864	3	Hospitalized
hospitalized	866	0	Not hospitalized
hour	868	1	Less than 1 and 1/2 hours from the time
hp	335	1	A - Lower HP
hub	915	5	Steering wheel hub/spoke
hybrid	336	2	B - Electric and gasoline hybrid engine
hybrid	562	98	Other Hybrid
hybrid	563	98	Other Hybrid
hydrant	209	62	Fire hydrant
hydrant	355	62	Fire hydrant
hydrant	507	62	Fire hydrant
hydrant	519	62	Fire hydrant
hydrogen	562	8	Other (Hydrogen or others)
hydrogen	563	8	Other (Hydrogen or others)
hyundai	307	55	Hyundai
ice	376	5	Poor road conditions (puddle, pothole, i
ice	386	4	Ice
impact	120	*	IMPACT FIRES
impact	209	55	Impact attenuator
impact	350	998	Not applicable (most severe impact not w
impact	351	98	Not applicable (most severe impact not w
impact	355	32	No rollover impact initiation (end-over-
impact	358	996	Nonhorizontal impact
impact	359	996	Nonhorizontal impact
impact	370	*	IMPACT SPEED
impact	371	0	No impact
impact	400	1	Deployed during accident (as a result of
impact	507	55	Impact attenuator
impact	517	11	K - Conversion in impact type
impact	519	55	Impact attenuator
impact	529	11	K - Conversion in impact type
impact	565	998	No highest severity end plane impact
impact	568	998	Non horizontal impact
impact	569	998	Non horizontal impact
impact	617	*	IMPACT GLAZING DAM - WS
impact	618	*	IMPACT GLAZING DAM - LF
impact	619	*	IMPACT GLAZING DAM - RF
impact	620	*	IMPACT GLAZING DAM - LR
impact	621	*	IMPACT GLAZING DAM - RR
impact	622	*	IMPACT GLAZING DAM - BL
impact	623	*	IMPACT GLAZING DAM - RO
impact	624	*	IMPACT GLAZING DAM - OTH
impact	833	1	Air bag deployed during accident (as a r
impact	835	1	Air bag deployed during accident (as a r
impact	856	5	Deformed by occupant impact
imperial	307	8	Imperial
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
indian	397	5	American Indian, Eskimo or Aleut
indicate	830	1	Police did not indicate restraint use
indicate	831	1	Police did not indicate air bag availabi
indicated	830	9	Police indicated "unknown"
indicated	831	9	Police indicated "unknown"
indication	408	99	Unknown, no indication of Delta V coded,
indirect	917	*	DIRECT/INDIRECT INJURY
infant	858	1	Infant seat
inferior	910	8	Inferior
infiniti	307	58	Infiniti
inflation	116	*	RATIO INFLATION FACTOR
information	208	97	(blank) No information
information	211	97	(blank) No information
inhibited	818	0	Not entrapped/exit not inhibited
initial	357	*	DIRECTION OF INITIAL ROL
initiation	353	*	ROLLOVER INITIATION TYPE
initiation	354	*	LOCATION OF ROLLOVER INI
initiation	355	*	ROLLOVER INIT OBJ CONTAC
injected	335	20	T - 1,2,4 barrels, turbo fuel injected
injection	335	6	F - Unknown, fuel injection rating code
injured	112	0	Not injured
injured	114	*	NUM INJURED OCCUPANTS
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
injury	914	1	Minor injury
injury	915	*	INJURY SOURCE
injury	917	*	DIRECT/INDIRECT INJURY
injury	918	0	No intrusion or injury not associated wi
inspection	322	*	TYPE OF VEH INSPECTION
inspection	361	0	No vehicle inspection
inspection	876	1	Vehicle inspection
installed	756	1	Adaptive driving equipment installed
installed	838	1	Original manufacturer installed system
instrument	551	6	Instrument panel
instrument	707	2	Instrument panel left
instrument	711	2	Instrument panel left
instrument	715	2	Instrument panel left
instrument	719	2	Instrument panel left
instrument	723	2	Instrument panel left
instrument	727	2	Instrument panel left
instrument	731	2	Instrument panel left
instrument	735	2	Instrument panel left
instrument	739	2	Instrument panel left
instrument	743	2	Instrument panel left
instrument	752	*	INSTRUMENT PANEL DAMAGE
instrument	915	10	Left instrument panel and below
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
intraunit	507	35	Other intraunit damage
intraunit	519	35	Other intraunit damage
intra-unit	508	13	Intra-unit force (TDC only)
intra-unit	520	13	Intra-unit force (TDC only)
intruding	707	*	INTRUDING COMPONENT (1)
intruding	711	*	INTRUDING COMPONENT (2)
intruding	715	*	INTRUDING COMPONENT (3)
intruding	719	*	INTRUDING COMPONENT (4)
intruding	723	*	INTRUDING COMPONENT (5)
intruding	727	*	INTRUDING COMPONENT (6)
intruding	731	*	INTRUDING COMPONENT (7)
intruding	735	*	INTRUDING COMPONENT (8)
intruding	739	*	INTRUDING COMPONENT (9)
intruding	743	*	INTRUDING COMPONENT (10)
intrusion	706	*	INTRUSION LOCATION (1)
intrusion	707	96	No Intrusion
intrusion	708	*	INTRUSION MAGNITUDE (1)
intrusion	709	8	No Intrusion
intrusion	710	*	INTRUSION LOCATION (2)
intrusion	711	96	No Intrusion
intrusion	712	*	INTRUSION MAGNITUDE (2)
intrusion	713	8	No Intrusion
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
iss	878	1	ISS 1
isuzu	307	38	Isuzu
iveco	307	88	Iveco/Magirus
jackknife	209	34	Jackknife
jackknife	355	34	Jackknife
jackknife	507	34	Jackknife
jackknife	519	34	Jackknife
jaguar	307	39	Jaguar
jammed	607	3	Door/gate/hatch jammed shut
jammed	608	3	Door/gate/hatch jammed shut
jammed	609	3	Door/gate/hatch jammed shut
jammed	610	3	Door/gate/hatch jammed shut
jammed	611	3	Door/gate/hatch jammed shut
jammed	818	2	Could not exit vehicle due to jammed doo
january	106	1	January
jeep	307	2	Jeep (includes Kaiser-Jeep)
jeep	309	14	Compact utility (includes Jeep CJ-2 thru
jeep	351	14	Compact utility (includes Jeep CJ-2 thru
jewelry	915	172	Air bag - driver side and jewelry
joint	911	5	Skeletal (includes joints)
joint	921	10	J - Joints
joules	365	0	Less than 50 joules
joy-stick	915	406	Joy-stick steering controls
july	106	7	July
junction	380	4	Other junction
june	106	6	June
kaiser-jeep	307	2	Jeep (includes Kaiser-Jeep)
kary	309	28	Other van type (Hi-Cube Van, Kary)
kary	351	28	Other van type (Hi-Cube Van, Kary)
kawasaki	307	73	Kawasaki
kenworth	307	85	Kenworth
kia	307	63	KIA
kidney	921	11	K - Kidneys
kmph	362	0	Less than 0.5 kmph
kmph	366	0	Less than 0.5 kmph
kmph	367	1	Less than 10 kmph
kmph	368	*	SPEED LIMIT (KMPH)
kmph	369	*	TRAVEL SPEED (KMPH)
kmph	370	0	< 0.5 kmph
knee	753	*	KNEE BOLSTER TYPE
knee	754	*	KNEE BOLSTERS DEFORMED
knee	915	14	Knee bolster
knee	919	11	K - Knee
kneeling	813	1	Kneeling or standing on seat
knob	915	403	Steering knob attached to steering wheel
lacerated	558	5	Lacerated (ripped)
lacerated	559	5	Lacerated (ripped)
laceration	920	12	L - Laceration
laminated	633	1	AS-1 - Laminated
laminated	634	1	AS-1 - Laminated
laminated	635	1	AS-1 - Laminated
laminated	636	1	AS-1 - Laminated
laminated	637	1	AS-1 - Laminated
laminated	638	1	AS-1 - Laminated
laminated	639	1	AS-1 - Laminated
laminated	640	1	AS-1 - Laminated
lancia	307	40	Lancia

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
land	307	62	Land Rover
lane	375	2	Decelerating in traffic lane
lane	376	10	Over the lane line on left side of trave
lane	378	1	Stayed in original travel lane
lane	382	*	NUMBER OF TRAVEL LANES
lap	812	15	Front seat - on/in lap of another occupa
lap	820	3	Lap belt
lap	821	3	Lap belt
lap	830	3	Lap belt
largest	207	5	Largest (wheelbase > or = 291 cm)
largest	210	5	Largest (wheelbase > or = 291 cm)
latch	612	2	Latch/striker failure due to damage
latch	613	2	Latch/striker failure due to damage
latch	614	2	Latch/striker failure due to damage
latch	615	2	Latch/striker failure due to damage
latch	616	2	Latch/striker failure due to damage
latch	915	572	Seat LATCH points for child restraint
latchplate	823	3	Broken buckle or latchplate
latchplate	829	3	Broken buckle or latchplate
lateral	357	8	Rollover -- end-over-end (i.e., primaril
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
left	379	6	Steering left
left	383	3	Curve left
left	514	12	L - Left side
left	526	12	L - Left side
left	554	2	Aft of center of the rear wheels (rear a
left	555	2	Aft of center of the rear wheels (rear a
left	556	2	Aft of center of the rear wheels (rear a
left	557	2	Aft of center of the rear wheels (rear a
left	607	*	DOOR/GATE/HATCH OPN - LF
left	612	*	DOOR/GATE/HATCH DAM - LF
left	618	*	IMPACT GLAZING DAM - LF
left	626	*	CONTACT GLAZING DAM - LF
left	634	*	TYPE OF GLAZING - LF
left	642	*	WIN PRECRASH STAT - LF
left	706	11	Front row - left
left	707	2	Instrument panel left
left	710	11	Front row - left
left	711	2	Instrument panel left
left	714	11	Front row - left
left	715	2	Instrument panel left
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
light	387	*	LIGHT CONDITIONS
light	507	70	Passenger car, light truck, van or other
light	519	70	Passenger car, light truck, van or other
lighted	387	3	Dark, but lighted
limb	919	24	X - Upper limb(s) (whole or unknown part
limit	368	*	SPEED LIMIT (KMPH)
limited	376	74	From entrance to limited access highway
limousine	309	12	Large limousine - more than four side do
limousine	351	12	Large limousine - more than four side do
lincoln	307	13	Lincoln
line	376	10	Over the lane line on left side of trave
line	560	5	Lines/pump/filter
line	561	5	Lines/pump/filter
liquid	562	4	LPG (Liquid Petroleum Gas) also known as
liquid	563	4	LPG (Liquid Petroleum Gas) also known as
listening	374	5	While talking or listening to cellular p
liver	921	12	L - Liver
lng	562	5	LNG (Liquid Natural Gas)
lng	563	5	LNG (Liquid Natural Gas)
locks	856	3	Seat back folding locks or "seat back" f
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
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)

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
m85	563	6	Methanol (M100 or M85)
mack	307	86	Mack
magirus	307	88	Iveco/Magirus
magnitude	708	*	INTRUSION MAGNITUDE (1)
magnitude	712	*	INTRUSION MAGNITUDE (2)
magnitude	716	*	INTRUSION MAGNITUDE (3)
magnitude	720	*	INTRUSION MAGNITUDE (4)
magnitude	724	*	INTRUSION MAGNITUDE (5)
magnitude	728	*	INTRUSION MAGNITUDE (6)
magnitude	732	*	INTRUSION MAGNITUDE (7)
magnitude	736	*	INTRUSION MAGNITUDE (8)
magnitude	740	*	INTRUSION MAGNITUDE (9)
magnitude	744	*	INTRUSION MAGNITUDE (10)
maintenance	839	*	AIR BAG MAINTENANCE
major	550	2	Major
make	307	*	VEHICLE MAKE
make	308	*	MAKE/MODEL
make	346	*	VIN MAKE
make	857	*	CHILD SEAT MAKE/MODEL
male	808	1	Male
maneuver	375	17	Successful avoidance maneuver to a previ
maneuver	379	*	ATTEMPTED AVOID MANEUVER
manner	118	*	MANNER OF COLLISION
manual	337	2	Manual sun / moon roof
manual	338	2	Manual sun / moon roof
manual	339	2	Manual sun / moon roof
manual	401	1	A - Active (manual) belts
manual	820	*	MANUAL BELT AVAILABILITY
manual	821	*	MANUAL BELT USE
manual	822	*	MANUAL BELT PROPER USE
manual	823	*	MANUAL BELT FAILURE
manual	824	0	No manual shoulder belt
manually	826	2	Automatic belt not in use (manually disc
manufacturer	549	0	No post manufacturer modifications
manufacturer	838	1	Original manufacturer installed system
maplight	915	206	Roof maplight/console
march	106	3	March
maximum	111	*	MAXIMUM TREATMENT
maximum	112	*	MAXIMUM KNOWN AIS
maximum	402	*	MAXIMUM TREATMENT
maximum	403	*	MAXIMUM KNOWN AIS
maximum	877	*	MAXIMUM KNOWN AIS
maximum	878	75	Maximum ISS
maximum	914	6	Maximum (untreatable)
may	106	5	May
mazda	307	41	Mazda
measured	749	98	Observed deformation cannot be measured
measured	875	1	Injured - ABGs not measured or reported
mechanically	818	1	Entrapped/pinned - mechanically restrain
median	354	4	On roadside or divided trafficway median
medical	111	8	Transported to a medical facility - unkn
medical	864	8	Transported to a medical facility - unkn
medical	865	*	TYPE OF MEDICAL FACILITY
medical	873	1	Injured - not treated at medical facilit
medical	908	1	Autopsy records with or without hospital
medium	207	78	Unknown medium/heavy truck type
medium	209	71	Medium/heavy truck or bus not in-transpo

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
medium	210	78	Unknown medium/heavy truck type
medium	309	65	Medium/heavy truck based motorhome
medium	328	7	Medium or heavy truck override or underr
medium	329	7	Medium or heavy truck override or underr
medium	351	65	Medium/heavy truck based motorhome
medium	355	71	Medium/heavy truck or bus not in-transpo
medium	507	71	Medium/heavy truck or bus not in-transpo
medium	519	71	Medium/heavy truck or bus not in-transpo
medium	816	*	EJECTION MEDIUM
medium	817	*	MEDIUM STATUS
mercedes	307	42	Mercedes Benz
mercury	307	14	Mercury
merging	375	16	Merging
merkur	307	56	Merkur
metal	562	13	Sodium metal chloride battery
metal	563	13	Sodium metal chloride battery
metallic	552	1	Metallic
metallic	553	1	Metallic
methanol	336	7	G - Gas (ie Ford engine methanol fuel is
methanol	562	6	Methanol (M100 or M85)
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
mode	869	96	Mode of death given but specific injurie
mode	870	96	Mode of death given but specific injurie
mode	871	96	Mode of death given but specific injurie
model	306	*	MODEL YEAR
model	308	*	MAKE/MODEL
model	344	*	VIN MODEL CARS
model	347	*	VIN MODEL YEAR
model	360	1	Collision fits model - results appear re
model	857	*	CHILD SEAT MAKE/MODEL
moderate	112	2	Moderate injury
moderate	367	7	Moderate
moderate	403	2	Moderate injury
moderate	877	2	Moderate injury
moderate	914	2	Moderate injury
modes	829	*	AUTO BELT FAILURE MODES
modifications	549	0	No post manufacturer modifications
modifications	915	408	Modifications to seat belts (specify)
modified	549	9	Unknown if vehicle is modified
module	844	3	Deployed, unknown if air bag module cove
monday	108	2	Monday
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
muscle	911	4	Organs (includes muscles/ligaments)
muscle	921	13	M - Muscles
narrow	517	14	N - Narrow impact area
narrow	529	14	N - Narrow impact area
natural	336	3	C - Gasoline engine that can be easily c
natural	562	3	CNG (Compressed Natural Gas)
natural	563	3	CNG (Compressed Natural Gas)
navajo	309	14	Compact utility (includes Jeep CJ-2 thru
navajo	351	14	Compact utility (includes Jeep CJ-2 thru
navistar	307	84	International Harvester/Navistar
neck	558	7	Filler neck separation from the fuel tan
neck	559	7	Filler neck separation from the fuel tan
neck	560	3	Filler neck
neck	561	3	Filler neck
neck	909	3	Neck
neck	919	14	N - Neck - cervical spine
negotiating	375	14	Negotiating a curve
nerves	911	3	Nerves
nervous	921	14	N - Nervous system
nickel-cadmium	562	12	Nickel-cadmium battery
nickel-cadmium	563	12	Nickel-cadmium battery
nickel-iron	562	11	Nickel-iron battery
nickel-iron	563	11	Nickel-iron battery
nissan	307	35	Nissan/Datsun
non	568	998	Non horizontal impact
non	569	998	Non horizontal impact
nonadjustable	854	1	Nonadjustable seat track
nonadjustable	855	1	Nonadjustable
nonautomated	328	3	Other nonautomated CDC
nonautomated	329	3	Other nonautomated CDC
noncoded	841	3	Other noncoded delta-V (specify)
noncoded	918	97	Injury associated with a noncoded intrus
noncollision	208	96	(N) Noncollision
noncollision	209	36	Noncollision injury
noncollision	211	96	(N) Noncollision
noncollision	358	997	Noncollision
noncollision	359	997	Noncollision
noncollision	400	4	Deployed as a result of a noncollision e
noncollision	507	36	Noncollision injury
noncollision	519	36	Noncollision injury
noncollision	833	4	Air bag deployed as a result of a noncol
noncollision	835	4	Air bag deployed as a result of a noncol
noncontact	356	6	Noncontact rollover forces
noncontact	915	603	Other noncontact injury source
noncontact	917	3	Noncontact injury
nondeployed	400	7	Nondeployed
nondeployed	833	7	Nondeployed
nondeployed	835	7	Nondeployed
nondisabling	376	4	Nondisabling vehicle problem (e.g. hood
nonfixed	209	88	Other nonfixed object
nonfixed	355	88	Other nonfixed object
nonfixed	507	88	Other nonfixed object
nonfixed	519	88	Other nonfixed object
nonfixed	816	2	Nonfixed roof structure
non-hispanic	397	1	White (non-Hispanic)
nonhorizontal	358	996	Nonhorizontal impact
nonhorizontal	359	996	Nonhorizontal impact

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
nonhorizontal	361	6	Other nonhorizontal forces
nonhorizontal	508	0	Nonhorizontal force
nonhorizontal	520	0	Nonhorizontal force
nonincapacitating	863	2	B - nonincapacitating injury
noninterchange	380	0	Noninterchange area and non-junction
non-junction	380	0	Noninterchange area and non-junction
nonmetallic	552	2	NonMetallic
nonmetallic	553	2	NonMetallic
nonmotorist	209	74	Other nonmotorist or conveyance
nonmotorist	376	83	Pedalcyclist or other nonmotorist in roa
nonmotorist	507	74	Other nonmotorist or conveyance
nonmotorist	519	74	Other nonmotorist or conveyance
nonmotorized	827	1	Nonmotorized system
nontransported	864	5	Treatment at scene - nontransported
normal	813	0	Normal posture
norton	307	75	Norton
november	106	11	November
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
occupant	627	1	No occupant contact to glazing
occupant	628	1	No occupant contact to glazing
occupant	629	1	No occupant contact to glazing
occupant	630	1	No occupant contact to glazing
occupant	631	1	No occupant contact to glazing
occupant	632	1	No occupant contact to glazing
occupant	803	9	Occupant assessment record
occupant	806	*	OCCUPANT NUMBER
occupant	812	15	Front seat - on/in lap of another occupa
occupant	813	4	Sitting sideways or turned to talk with
occupant	819	*	OCCUPANT MOBILITY
occupant	846	2	Object worn by occupant
occupant	849	*	AB CONTACTED BY OTHER OC
occupant	852	0	Occupant not seated or no seat
occupant	853	0	Occupant not seated or no seat
occupant	854	0	Occupant not seated or no seat
occupant	855	0	Occupant not seated or no seat
occupant	856	0	Occupant not seated or no seat
occupant	874	*	WAS OCCUPANT GIVEN BLOOD
occupant	876	3	Driver/occupant interview
occupant	903	10	Occupant injury record
occupant	906	*	OCCUPANT NUMBER
occupant	915	160	Other occupants
occupant's	811	*	OCCUPANT'S ROLE
occupant's	812	*	OCCUPANT'S SEAT POSITION
occupant's	813	*	OCCUPANT'S POSTURE
occurrence	550	*	FIRE OCCURRENCE
o'clock	508	1	1 o'clock
o'clock	520	1	1 o'clock
october	106	10	October
odometer	751	*	ODOMETER READING
oem	915	402	Steering control devices (attached to OE
office	865	4	Physician's office
official	876	2	Official injury data
oic	919	*	OIC - BODY REGION
oic	920	*	OIC - LESION
oic	921	*	OIC - SYSTEM ORGAN
oil	386	5	Sand, dirt or oil
older	807	97	97 years or older
oldsmobile	307	21	Oldsmobile
operational	607	1	Door/gate/hatch remained closed and oper
operational	608	1	Door/gate/hatch remained closed and oper
operational	609	1	Door/gate/hatch remained closed and oper
operational	610	1	Door/gate/hatch remained closed and oper
operational	611	1	Door/gate/hatch remained closed and oper
operational	612	1	Door operational (no damage)
operational	613	1	Door operational (no damage)
operational	614	1	Door operational (no damage)
operational	615	1	Door operational (no damage)
operational	616	1	Door operational (no damage)
opposite	118	6	Sideswipe, opposite direction
opposite	376	54	Traveling in opposite direction
optional	330	5	4 wheel optional
optional	338	*	OPTIONAL ROOF 1
optional	339	*	OPTIONAL ROOF 2
optional	340	15	O - Optional
organ	921	*	OIC - SYSTEM ORGAN

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
organs	911	4	Organs (includes muscles/ligaments)
orientation	853	*	SEAT ORIENTATION
orientation	859	*	CHILD SEAT ORIENTATION
oriented	819	1	Removed from vehicle while unconscious o
origin	551	*	ORIGIN OF FIRE
original	378	1	Stayed in original travel lane
original	548	*	ORIGINAL WHEELBASE
original	567	*	ORIGINAL AVE. TRACK WID.
original	633	3	AS-3 - Tempered-tinted (original)
original	634	3	AS-3 - Tempered-tinted (original)
original	635	3	AS-3 - Tempered-tinted (original)
original	636	3	AS-3 - Tempered-tinted (original)
original	637	3	AS-3 - Tempered-tinted (original)
original	638	3	AS-3 - Tempered-tinted (original)
original	639	3	AS-3 - Tempered-tinted (original)
original	640	3	AS-3 - Tempered-tinted (original)
original	838	1	Original manufacturer installed system
ornament	915	505	Hood ornament
out-of-place	617	4	Glazing out-of-place (cracked or not) an
out-of-place	618	4	Glazing out-of-place (cracked or not) an
out-of-place	619	4	Glazing out-of-place (cracked or not) an
out-of-place	620	4	Glazing out-of-place (cracked or not) an
out-of-place	621	4	Glazing out-of-place (cracked or not) an
out-of-place	622	4	Glazing out-of-place (cracked or not) an
out-of-place	623	4	Glazing out-of-place (cracked or not) an
out-of-place	624	4	Glazing out-of-place (cracked or not) an
out-of-place	625	5	Glazing out-of-place (cracked or not) by
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
overturn	519	31	Overturn - rollover (excludes end-over-e
overturning	352	0	No rollover (no overturning)
pacific	397	6	Asian or Pacific Islander
padded	753	1	Padded
pan	707	5	Toe pan
pan	711	5	Toe pan
pan	715	5	Toe pan
pan	719	5	Toe pan
pan	723	5	Toe pan
pan	727	5	Toe pan
pan	731	5	Toe pan
pan	735	5	Toe pan
pan	739	5	Toe pan
pan	743	5	Toe pan
pan	915	251	Floor including toe pan
panel	309	11	Auto based panel (cargo station wagon, i
panel	337	4	Removable panels
panel	338	4	Removable panels
panel	339	4	Removable panels
panel	351	11	Auto based panel (cargo station wagon, i
panel	551	6	Instrument panel
panel	707	2	Instrument panel left
panel	711	2	Instrument panel left
panel	715	2	Instrument panel left
panel	719	2	Instrument panel left
panel	723	2	Instrument panel left
panel	727	2	Instrument panel left
panel	731	2	Instrument panel left
panel	735	2	Instrument panel left
panel	739	2	Instrument panel left
panel	743	2	Instrument panel left
panel	752	*	INSTRUMENT PANEL DAMAGE
panel	915	10	Left instrument panel and below
par	830	*	PAR RESTRAINT USE
parked	375	7	Disabled or parked in travel lane
parking	375	13	Backing up (other than for parking posit
parking	376	64	From parking lane
parking	915	253	Parking brake handle
part	919	24	X - Upper limb(s) (whole or unknown part
partial	322	2	Partial inspection
partial	814	2	Partial ejection
partially	641	3	Partially opened
partially	642	3	Partially opened
partially	643	3	Partially opened
partially	644	3	Partially opened
partially	645	3	Partially opened
partially	646	3	Partially opened
partially	647	3	Partially opened
partially	648	3	Partially opened
parts	551	3	Fuel tank (and other fuel retention syst
passenger	207	9	Unknown passenger car size
passenger	209	70	Passenger car, light truck, van or other
passenger	210	9	Unknown passenger car size
passenger	333	8	Not applicable, not a passenger car
passenger	342	16	P - Passenger vehicle
passenger	355	70	Passenger car, light truck, van or other
passenger	399	5	Passenger side only deployed

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
passenger	401	2	B - Driver front air bag / passenger sid
passenger	507	70	Passenger car, light truck, van or other
passenger	519	70	Passenger car, light truck, van or other
passenger	551	7	Passenger compartment area
passenger	606	*	PASS COMPART INTEGRITY
passenger	811	2	Passenger
passenger	856	6	Deformed by passenger compartment intrus
passenger	915	180	Air bag - passenger side
passing	375	6	Passing or overtaking another vehicle
passing	376	17	Crossing over (passing through) intersec
passive	398	3	VIN determined automatic (passive) belts
passive	401	4	D - Dual front air bag / passenger side
passive	826	*	AUTO (PASSIV) SYSTEM USE
path	376	66	From crossing street - across path
paved	354	2	On shoulder - paved
pdof1-clock	568	*	PDOF1-CLOCK DEGREES
pdof2-clock	569	*	PDOF2-CLOCK DEGREES
pedalcyclist	376	83	Pedalcyclist or other nonmotorist in roa
pedestal	852	8	Pedestal (i.e., column supported)
pedestrian	209	72	Pedestrian
pedestrian	376	80	Pedestrian in roadway
pedestrian	507	72	Pedestrian
pedestrian	519	72	Pedestrian
pelvis	919	16	P - Pelvis - hip
perceived	819	2	Removed from vehicle due to perceived se
perforation	920	16	P - Perforation, puncture
performance	335	8	H - Unknown, high performance rating cod
performance	856	*	SEAT PERFORMANCE
performed	393	97	AC test performed, results unknown
person	374	12	Distracted by outside person, object, or
personnel	908	6	E.M.S. personnel
peterbilt	307	87	Peterbilt
petroleum	562	4	LPG (Liquid Petroleum Gas) also known as
petroleum	563	4	LPG (Liquid Petroleum Gas) also known as
peugeot	307	44	Peugeot
phone	374	5	While talking or listening to cellular p
physically	381	0	Not physically divided (two way trafficw
physician	908	4	Private physician - walk-in or emergency
physician's	865	4	Physician's office
pickup	207	30	Compact Pickup truck (< or = 4,536 kgs G
pickup	210	30	Compact Pickup truck (< or = 4,536 kgs G
pickup	309	10	Auto based pickup (includes El Camino, C
pickup	351	10	Auto based pickup (includes El Camino, C
pickup	815	8	Other area (e.g., back of pickup, etc.)
pillar	612	5	Door support (i.e., pillar, sill, roof s
pillar	613	5	Door support (i.e., pillar, sill, roof s
pillar	614	5	Door support (i.e., pillar, sill, roof s
pillar	615	5	Door support (i.e., pillar, sill, roof s
pillar	616	5	Door support (i.e., pillar, sill, roof s
pillar	915	55	Other left pillar
pinned	818	1	Entrapped/pinned - mechanically restrain
plane	356	2	Side plane
plane	556	1	On back plane
plane	557	1	On back plane
plane	565	998	No highest severity end plane impact
plastic	633	6	AS-14 - Glass/plastic
plastic	634	6	AS-14 - Glass/plastic

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
plastic	635	6	AS-14 - Glass/plastic
plastic	636	6	AS-14 - Glass/plastic
plastic	637	6	AS-14 - Glass/plastic
plastic	638	6	AS-14 - Glass/plastic
plastic	639	6	AS-14 - Glass/plastic
plastic	640	6	AS-14 - Glass/plastic
plastic	753	2	Rigid plastic
plymouth	307	9	Plymouth
plymouth	309	20	Minivan (Astro, Caravan, Plymouth Vista,
plymouth	351	20	Minivan (Astro, Caravan, Plymouth Vista,
points	843	3	Deployed, unknown if flap(s) opened at d
points	915	572	Seat LATCH points for child restraint
pole	209	45	Breakaway pole or post (any diameter)
pole	355	45	Breakaway pole or post
pole	373	*	POST COLL TREE/POLE COND
pole	507	45	Breakaway pole or post (any diameter)
pole	519	45	Breakaway pole or post (any diameter)
police	327	5	Police
police	830	1	Police did not indicate restraint use
police	831	*	AIR BAG AVAIL/FUN POLICE
police	908	9	Police
pontiac	307	22	Pontiac
poor	376	5	Poor road conditions (puddle, pothole, i
porsche	307	45	Porsche
ports	848	*	AIR BAG VENT PORTS
position	375	8	Leaving a parked position
position	812	*	OCCUPANT's SEAT POSITION
position	813	6	Lying back in a reclined seat position
position	824	2	In full upright position
position	854	2	Seat at forward most track position
position	855	11	Moved to completely rearward position
positive	381	1	Divided trafficway-median strip without
possible	863	1	C - possible injury
possible	916	3	Possible
post	209	45	Breakaway pole or post (any diameter)
post	355	45	Breakaway pole or post
post	373	*	POST COLL TREE/POLE COND
post	507	45	Breakaway pole or post (any diameter)
post	519	45	Breakaway pole or post (any diameter)
post	549	0	No post manufacturer modifications
posterior	910	6	Posterior
posture	813	*	OCCUPANT's POSTURE
potential	333	9	Unknown (four wheel drive potential)
pothole	376	5	Poor road conditions (puddle, pothole, i
pound	343	799	799 pounds
pound	348	1	6,000 lbs & under
power	337	3	Power sun / moon roof
power	338	3	Power sun / moon roof
power	339	3	Power sun / moon roof
power	819	4	Exited from vehicle under own power
power	915	404	Low effort power steering (unit or devic
powered	336	3	C - Gasoline engine that can be easily c
precrash	376	*	CRITICAL PRECRASH EVENT
precrash	377	9	Preocrash stability unknown
precrash	641	*	WIN PRECRASH STAT - WS
precrash	642	*	WIN PRECRASH STAT - LF
precrash	643	*	WIN PRECRASH STAT - RF

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
precrash	644	*	WIN PRECRASH STAT - LR
precrash	645	*	WIN PRECRASH STAT - RR
precrash	646	*	WIN PRECRASH STAT - BL
precrash	647	*	WIN PRECRASH STAT - RO
precrash	648	*	WIN PRECRASH STAT - OT
pre-event	375	*	PRE-EVENT MOVEMENT
pregnant	808	2	Female - not reported pregnant
pre-impact	377	*	PRE-IMPACT STABILITY
pre-impact	378	*	PRE-IMPACT LOCATION
pre-impact	855	14	Retained pre-impact position
presence	375	98	No driver presence
presence	391	*	DRIVER PRESENCE
presence	392	*	ALCOHOL PRESENCE
presence	394	*	OTHER DRUG PRESENCE
previous	375	17	Successful avoidance maneuver to a previ
previous	837	*	AB DEPLOY/PREVIOUS ACC
primarily	357	1	Roll right - primarily about longitudina
principal	356	*	PRIN TRIP FORCE APPLIED
private	908	4	Private physician - walk-in or emergency
probable	916	2	Probable
problem	376	4	Nondisabling vehicle problem (e.g. hood
profile	384	*	ROADWAY PROFILE
program	361	1	Reconstruction program - damage only rou
propane	336	3	C - Gasoline engine that can be easily c
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
provided	822	9	Not provided in 2004 dataset
provided	828	9	Not provided in 2004 dataset
psu	101	*	PSU NUMBER
psu	119	*	PSU STRATRUM
psu	201	*	PSU NUMBER
psu	301	*	PSU NUMBER
psu	501	*	PSU NUMBER
psu	601	*	PSU NUMBER
psu	701	*	PSU NUMBER
psu	801	*	PSU NUMBER
psu	901	*	PSU NUMBER
puddle	376	5	Poor road conditions (puddle, pothole, i
pulmonary	921	16	P - Pulmonary - lungs
pump	560	5	Lines/pump/filter
pump	561	5	Lines/pump/filter
puncture	920	16	P - Perforation, puncture
punctured	558	4	Punctured
punctured	559	4	Punctured
quarter	352	1	Rollover - one quarter turn only
rabbit	309	10	Auto based pickup (includes El Camino, C
rabbit	351	10	Auto based pickup (includes El Camino, C
race	397	*	DRIVER'S RACE/ETHNIC
rack	915	302	Backlight storage rack, door, etc.
radio	374	8	While adjusting radio, cassette, CD
radio	915	8	Cellular telephone or CB radio
rail	612	5	Door support (i.e., pillar, sill, roof s
rail	613	5	Door support (i.e., pillar, sill, roof s
rail	614	5	Door support (i.e., pillar, sill, roof s

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
rail	615	5	Door support (i.e., pillar, sill, roof s
rail	616	5	Door support (i.e., pillar, sill, roof s
rail	707	14	Roof side rail
rail	711	14	Roof side rail
rail	715	14	Roof side rail
rail	719	14	Roof side rail
rail	723	14	Roof side rail
rail	727	14	Roof side rail
rail	731	14	Roof side rail
rail	735	14	Roof side rail
rail	739	14	Roof side rail
rail	743	14	Roof side rail
rail	915	59	Left side window glass + 1 or more from:
rain	388	1	Rain
raised	915	410	Raised roof
ram	309	15	Large utility (includes Jeep Cherokee, R
ram	351	15	Large utility (includes Jeep Cherokee, R
rambler	308	+	Rambler/American
rancho	309	10	Auto based pickup (includes El Camino, C
rancho	351	10	Auto based pickup (includes El Camino, C
ranger	309	30	Compact pickup (Ram 50, Dakota, Arrow Pi
ranger	351	30	Compact pickup (Ram 50, Dakota, Arrow Pi
rating	335	6	F - Unknown, fuel injection rating code
ratio	116	*	RATIO INFLATION FACTOR
reaching	374	10	While using or reaching for device/objec
reading	751	*	ODOMETER READING
rear	208	4	(B) Back or TDC: back of unit with cargo
rear	211	4	(B) Back or TDC: back of unit with cargo
rear	329	*	REAR OVERRIDE/UNDERRIDE
rear	330	3	Rear only standard
rear	333	*	FRONT/REAR WHEEL DRIVE
rear	401	20	T - Dual air bags front / active belts /
rear	514	2	B - Back (rear)
rear	526	2	B - Back (rear)
rear	554	1	Aft of center of the rear wheels (rear a
rear	555	1	Aft of center of the rear wheels (rear a
rear	556	2	Aft of center of the rear wheels (rear a
rear	557	2	Aft of center of the rear wheels (rear a
rear	606	7	Rear window (backlight)
rear	707	12	Side panel - rear of B-pillar
rear	711	12	Side panel - rear of B-pillar
rear	715	12	Side panel - rear of B-pillar
rear	719	12	Side panel - rear of B-pillar
rear	723	12	Side panel - rear of B-pillar
rear	727	12	Side panel - rear of B-pillar
rear	731	12	Side panel - rear of B-pillar
rear	735	12	Side panel - rear of B-pillar
rear	739	12	Side panel - rear of B-pillar
rear	743	12	Side panel - rear of B-pillar
rear	813	4	Sitting sideways or turned to talk with
rear	815	4	Left rear
rear	853	2	Rear facing seat
rear	854	5	Seat between middle and rear most track
rear	859	1	Rear facing
rear	915	202	Rear header
rear-end	118	1	Rear-end
rear-to-rear	118	3	Rear-to-rear

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
rearward	855	11	Moved to completely rearward position
reasonable	360	1	Collision fits model - results appear re
reasons	819	8	Removed from vehicle for other reasons
reclined	813	6	Lying back in a reclined seat position
reconstruct	360	*	RECONSTRUCT CONFIDENCE
reconstruction	360	0	No reconstruction
reconstruction	361	1	Reconstruction program - damage only rou
reconstruction	367	0	Reconstruction delta V coded
record	103	*	RECORD NUMBER
record	203	*	RECORD NUMBER
record	303	*	RECORD NUMBER
record	503	*	RECORD NUMBER
record	603	*	RECORD NUMBER
record	703	*	RECORD NUMBER
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
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
removable	337	4	Removable panels
removable	338	4	Removable panels
removable	339	4	Removable panels
renault	307	46	Renault
rendered	825	4	Automatic belts destroyed or rendered in
rendered	826	0	Not equipped/not available/destroyed or
rendered	876	0	Not equipped/not available/destroyed or
renegade	309	14	Compact utility (includes Jeep CJ-2 thru
renegade	351	14	Compact utility (includes Jeep CJ-2 thru
reo	307	81	Diamond Reo, Reo
repaired	322	1	Vehicle fully repaired - no damage evide
replaced	373	7	Pole replaced
replacement	838	3	Replacement air bag
replacement	915	405	Replacement steering wheel (ie reduced d
report	869	*	CAUSE OF DEATH-1-MED REP
report	870	*	CAUSE OF DEATH-2-MED REP

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
report	871	*	CAUSE OF DEATH-3-MED REP
report	908	3	Emergency room records only (including a
reported	392	7	Not reported
reported	394	7	Not reported
reported	808	2	Female - not reported pregnant
reported	875	1	Injured - ABGs not measured or reported
rescue	309	40	Cab chassis based (includes rescue vehic
rescue	351	40	Cab chassis based (includes rescue vehic
rescue	846	7	Rescue or emergency efforts
researcher	398	1	Yes - researcher determined
resident	396	1	Driver not a resident of U.S. or territo
residual	517	21	U - No residual deformation
residual	529	21	U - No residual deformation
respiratory	921	18	R - Respiratory
rest	915	411	Wall mounted head rest (used behind whee
restrained	818	1	Entrapped/pinned - mechanically restrain
restrained	830	8	Restrained, type unknown
restraint	401	*	RESTRAINT TYPE
restraint	825	*	AUTO RESTRAINT AVAILABLE
restraint	830	*	PAR RESTRAINT USE
restraint	851	*	HEAD RESTRAINT TYPE/DAM
restraint	915	152	Belt restraint webbing/buckle
retained	855	14	Retained pre-impact position
retention	551	3	Fuel tank (and other fuel retention syst
retractable	337	6	Retractable roof panel
retractable	338	6	Retractable roof panel
retractable	339	6	Retractable roof panel
retractor	823	6	Broken retractor
retractor	829	6	Broken retractor
retrofitted	838	2	Retrofitted air bag
returned	378	6	Returned to roadway
right	208	2	(R) Right Side
right	211	2	(R) Right Side
right	357	1	Roll right - primarily about longitudina
right	375	10	Turning right
right	376	11	Over the lane line on right side of trav
right	379	7	Steering right
right	383	2	Curve right
right	514	18	R - Right side
right	526	18	R - Right side
right	554	3	Aft of center of the rear wheels (rear a
right	555	3	Aft of center of the rear wheels (rear a
right	556	3	Aft of center of the rear wheels (rear a
right	557	3	Aft of center of the rear wheels (rear a
right	706	13	Front row - right
right	707	4	Instrument panel right
right	710	13	Front row - right
right	711	4	Instrument panel right
right	714	13	Front row - right
right	715	4	Instrument panel right
right	718	13	Front row - right
right	719	4	Instrument panel right
right	722	13	Front row - right
right	723	4	Instrument panel right
right	726	13	Front row - right
right	727	4	Instrument panel right
right	730	13	Front row - right

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
role	811	*	OCCUPANT'S ROLE
roll	357	*	DIRECTION OF INITIAL ROL
roll-bar	915	208	Roll-bar
rollover	209	31	Overturn - rollover (excludes end-over-e
rollover	352	*	ROLLOVER
rollover	353	*	ROLLOVER INITIATION TYPE
rollover	354	*	LOCATION OF ROLLOVER INI
rollover	355	*	ROLLOVER INIT OBJ CONTAC
rollover	356	0	No rollover
rollover	357	0	No rollover
rollover	361	5	Rollover
rollover	507	31	Overturn - rollover (excludes end-over-e
rollover	517	15	O - Rollover (includes side)
rollover	519	31	Overturn - rollover (excludes end-over-e
rollover	529	15	O - Rollover (includes side)
romeo	307	31	Alfa Romeo
roof	309	1	Convertible (excludes sun roof, t-bar)
roof	337	*	ROOF
roof	338	*	OPTIONAL ROOF 1
roof	339	*	OPTIONAL ROOF 2
roof	351	1	Convertible (excludes sun roof, t-bar)
roof	606	4	Roof
roof	612	5	Door support (i.e., pillar, sill, roof s
roof	613	5	Door support (i.e., pillar, sill, roof s
roof	614	5	Door support (i.e., pillar, sill, roof s
roof	615	5	Door support (i.e., pillar, sill, roof s
roof	616	5	Door support (i.e., pillar, sill, roof s
roof	707	13	Roof (or convertible top)
roof	711	13	Roof (or convertible top)
roof	715	13	Roof (or convertible top)

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
roof	719	13	Roof (or convertible top)
roof	723	13	Roof (or convertible top)
roof	727	13	Roof (or convertible top)
roof	731	13	Roof (or convertible top)
roof	735	13	Roof (or convertible top)
roof	739	13	Roof (or convertible top)
roof	743	13	Roof (or convertible top)
roof	815	7	Roof
roof	816	2	Nonfixed roof structure
roof	915	59	Left side window glass + 1 or more from:
room	908	2	Hospital/medical records other than emer
rotation	377	2	Skidding longitudinally - rotation less
routine	361	1	Reconstruction program - damage only rou
rover	307	62	Land Rover
row	706	11	Front row - left
row	710	11	Front row - left
row	714	11	Front row - left
row	718	11	Front row - left
row	722	11	Front row - left
row	726	11	Front row - left
row	730	11	Front row - left
row	734	11	Front row - left
row	738	11	Front row - left
row	742	11	Front row - left
row	915	164	Center console - first row
royal	309	21	Large van (Sportsman, Royal, Ram, Chevy
royal	351	21	Large van (Sportsman, Royal, Ram, Chevy
ruled	111	2	Fatal - ruled disease
ruled	402	2	Fatal - ruled disease
ruled	864	2	Fatal - ruled disease
ruled	868	96	Fatal - ruled disease
ruled	869	97	Other result (includes fatal ruled disea
ruled	870	97	Other result (includes fatal ruled disea
ruled	871	97	Other result (includes fatal ruled disea
running	340	*	DAYLIGHT RUNNING LIGHTS
rupture	920	18	R - Rupture
ruptured	845	2	Ruptured
saab	307	47	Saab
safari	309	20	Minivan (Astro, Caravan, Plymouth Vista,
safari	351	20	Minivan (Astro, Caravan, Plymouth Vista,
safety	821	12	Shoulder belt used with child safety sea
safety	830	6	Child safety seat
safety	857	+	No child safety seat
safety	858	0	No child safety seat
safety	859	0	No child safety seat
safety	860	0	No child safety seat
safety	861	0	No child safety seat
safety	862	0	No child safety seat
safety	915	162	Child safety seat
sag	384	5	Sag
sand	386	5	Sand, dirt or oil
sand	388	7	Other (e.g. smog, smoke, blowing sand or
saturday	108	7	Saturday
saturn	307	24	Saturn
scale	873	*	GLASGOW COMA SCALE SCORE
scene	111	5	Treatment at scene
scene	402	5	Treatment at scene

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
seat	812	*	OCCUPANT's SEAT POSITION
seat	813	1	Kneeling or standing on seat
seat	821	12	Shoulder belt used with child safety sea
seat	830	6	Child safety seat
seat	852	*	SEAT TYPE
seat	853	*	SEAT ORIENTATION
seat	854	*	SEAT TRACK
seat	855	*	SEAT BACK INCLINE
seat	856	*	SEAT PERFORMANCE
seat	857	*	CHILD SEAT MAKE/MODEL
seat	858	*	CHILD SEAT TYPE
seat	859	*	CHILD SEAT ORIENTATION
seat	860	*	CHILD SEAT HARNESS USE
seat	861	*	CHILD SEAT SHIELD USE
seat	862	*	CHILD SEAT TETHER USE
seat	915	151	Seat, back support
seatback	915	575	Seatback trays
seated	852	0	Occupant not seated or no seat
seated	853	0	Occupant not seated or no seat
seated	854	0	Occupant not seated or no seat
seated	855	0	Occupant not seated or no seat
seated	856	0	Occupant not seated or no seat
seating	812	99	Unknown seating position
section	750	1	Section A
sedan	309	2	2-door sedan, hardtop, coupe
sedan	351	2	2-door sedan, hardtop, coupe
see	374	2	Looked but did not see
selector	915	7	Steering column, transmission, selector
sensor	401	18	R - Dual air bags front and side / activ

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
separate	852	4	Bench with separate back cushions
separated	373	6	Separated pole from base
separated	823	4	Upper anchorage separated
separated	829	4	Upper anchorage separated
separation	558	7	Filler neck separation from the fuel tan
separation	559	7	Filler neck separation from the fuel tan
separation	920	7	G - Detachment, separation
september	106	9	September
sequence	205	*	EVENT SEQUENCE NUMBER
sequence	400	4	Deployed as a result of a noncollision e
sequence	506	*	ACCIDENT SEQUENCE (1)
sequence	518	*	ACCIDENT SEQUENCE (2)
sequence	833	4	Air bag deployed as a result of a noncol
sequence	835	4	Air bag deployed as a result of a noncol
series	331	98	Some vehicles of this series (*)
series	332	98	Some vehicles of this series (*)
series	341	*	VINA SERIES TRUCK
serious	112	3	Serious injury
serious	403	3	Serious injury
serious	819	2	Removed from vehicle due to perceived se
serious	877	3	Serious injury
serious	914	3	Serious injury
seriously	113	*	NUM SERIOUSLY INJ OCC
seriously	404	*	NUM SERIOUSLY INJURED
seventeen	352	17	Rollover - seventeen or more quarter tur
severance	920	5	E - Total severance, transection
severe	112	4	Severe injury
severe	350	998	Not applicable (most severe impact not w
severe	351	98	Not applicable (most severe impact not w
severe	361	8	Severe override
severe	367	8	Severe
severe	403	4	Severe injury
severe	877	4	Severe injury
severe	914	4	Severe injury
severity	112	7	Injury, unknown severity
severity	403	7	Injury, unknown severity
severity	565	998	No highest severity end plane impact
severity	863	*	INJURY SEVERITY
severity	877	7	Injury, unknown severity
severity	878	*	INJURY SEVERITY SCORE
severity	914	*	AIS SEVERITY
sex	808	*	SEX
sheared	373	2	Cracked/sheared
shield	858	4	Booster seat - with shield
shield	861	*	CHILD SEAT SHIELD USE
shoulder	354	2	On shoulder - paved
shoulder	820	2	Shoulder belt
shoulder	821	2	Shoulder belt
shoulder	824	*	SHOULDER BELT ANCHOR ADJ
shoulder	830	2	Shoulder belt
shoulder	919	19	S - Shoulder
shroud	915	574	Engine shroud/cover
shrubby	209	43	Shrubby or bush
shrubby	355	43	Shrubby or bush
shrubby	507	43	Shrubby or bush
shrubby	519	43	Shrubby or bush
side	208	2	(R) Right Side

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
side	211	2	(R) Right Side
side	309	12	Large limousine - more than four side do
side	351	12	Large limousine - more than four side do
side	356	2	Side plane
side	376	10	Over the lane line on left side of trave
side	399	4	Driver side only deployed
side	401	2	B - Driver front air bag / passenger sid
side	514	12	L - Left side
side	517	15	O - Rollover (includes side)
side	526	12	L - Left side
side	529	15	O - Rollover (includes side)
side	551	1	Vehicle exterior (front, side, back, top
side	554	2	Aft of center of the rear wheels (rear a
side	555	2	Aft of center of the rear wheels (rear a
side	556	2	Aft of center of the rear wheels (rear a
side	557	2	Aft of center of the rear wheels (rear a
side	606	2	Door (side)
side	612	5	Door support (i.e., pillar, sill, roof s
side	613	5	Door support (i.e., pillar, sill, roof s
side	614	5	Door support (i.e., pillar, sill, roof s
side	615	5	Door support (i.e., pillar, sill, roof s
side	616	5	Door support (i.e., pillar, sill, roof s
side	707	10	Side panel - forward of A-pillar (A1/A2)
side	711	10	Side panel - forward of A-pillar (A1/A2)
side	715	10	Side panel - forward of A-pillar (A1/A2)
side	719	10	Side panel - forward of A-pillar (A1/A2)
side	723	10	Side panel - forward of A-pillar (A1/A2)
side	727	10	Side panel - forward of A-pillar (A1/A2)
side	731	10	Side panel - forward of A-pillar (A1/A2)
side	735	10	Side panel - forward of A-pillar (A1/A2)
side	739	10	Side panel - forward of A-pillar (A1/A2)
side	743	10	Side panel - forward of A-pillar (A1/A2)
side	812	11	Front seat - left side (driver's side)
side	853	3	Side facing seat (inward)
side	915	15	Windshield +: front header,A-pillar (A1/
sideswipe	118	5	Sideswipe, same direction
sideswipe	361	7	Sideswipe type damage
sideswipe	517	19	S - Sideswipe
sideswipe	529	19	S - Sideswipe
sideways	813	4	Sitting sideways or turned to talk with
sierra	309	31	Large pickup (Jeep Pickup, Comanche, Sil
sierra	351	31	Large pickup (Jeep Pickup, Comanche, Sil
sign	389	2	Stop sign
signal	389	1	Traffic control signal (not RR crossing)
sill	612	5	Door support (i.e., pillar, sill, roof s
sill	613	5	Door support (i.e., pillar, sill, roof s
sill	614	5	Door support (i.e., pillar, sill, roof s
sill	615	5	Door support (i.e., pillar, sill, roof s
sill	616	5	Door support (i.e., pillar, sill, roof s
sill	707	18	Floor pan (includes sill)
sill	711	18	Floor pan (includes sill)
sill	715	18	Floor pan (includes sill)
sill	719	18	Floor pan (includes sill)
sill	723	18	Floor pan (includes sill)
sill	727	18	Floor pan (includes sill)
sill	731	18	Floor pan (includes sill)
sill	735	18	Floor pan (includes sill)

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
sill	739	18	Floor pan (includes sill)
sill	743	18	Floor pan (includes sill)
sill	915	58	Left side window sill
silverado	309	31	Large pickup (Jeep Pickup, Comanche, Sil
silverado	351	31	Large pickup (Jeep Pickup, Comanche, Sil
single	309	61	Single unit straight truck (4,536 kgs <
single	351	61	Single unit straight truck (4,536 kgs <
sitting	813	3	Kneeling, standing or sitting in front o
sixteen	352	16	Rollover - sixteen quarter turns
size	207	4	Full size (wheelbase => 278 but < 291 cm
size	210	4	Full size (wheelbase => 278 but < 291 cm
skeletal	911	5	Skeletal (includes joints)
skeletal	921	19	S - Skeletal
skidding	377	2	Skidding longitudinally - rotation less
skin	911	9	Skin
skull	919	8	H - Head - skull
slag	385	4	Slag, gravel or stone
sleepy	374	11	Sleepy or fell asleep
sleet	388	2	Sleet/hail
slide-in	309	32	Pickup with slide-in camper
slide-in	351	32	Pickup with slide-in camper
slush	386	3	Snow or slush
smog	388	7	Other (e.g. smog, smoke, blowing sand or
smoke	388	7	Other (e.g. smog, smoke, blowing sand or
smoking	374	14	Smoking related
snow	386	3	Snow or slush
snow	388	3	Snow
snowmobile	309	91	Snowmobile
snowmobile	351	91	Snowmobile
sodium	562	13	Sodium metal chloride battery
sodium	563	13	Sodium metal chloride battery
source	846	*	AB DAMAGE SOURCE
source	908	*	INJURY DATA SOURCE
source	915	*	INJURY SOURCE
source	917	7	Injured, unknown source
special	327	*	VEHICLE SPECIAL USE
specific	869	96	Mode of death given but specific injurie
specific	870	96	Mode of death given but specific injurie
specific	871	96	Mode of death given but specific injurie
specific	912	*	SPECIFIC ANATOMIC STRUCT
specified	830	5	Belt used, type not specified
specimen	395	*	OTH DRUG - SPECIMEN TEST
speed	366	*	BARRIER EQUIVALENT SPEED
speed	368	*	SPEED LIMIT (KMPH)
speed	369	*	TRAVEL SPEED (KMPH)
speed	370	*	IMPACT SPEED
speed	376	51	Traveling in same direction with lower s
spinal	921	3	C - Spinal cord
spine	909	6	Spine
spine	919	2	B - Back - thoracolumbar spine
spleen	921	17	Q - Spleen
split	852	6	Split bench with separate back cushions
spoke	749	*	RIM/SPOKE DEFORMATION
spoke	750	*	RIM/SPOKE DEF LOCATION
spoke	915	5	Steering wheel hub/spoke
sportsman	309	21	Large van (Sportsman, Royal, Ram, Chevy
sportsman	351	21	Large van (Sportsman, Royal, Ram, Chevy

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
sprain	920	19	S - Sprain
stability	377	*	PRE-IMPACT STABILITY
stake	309	40	Cab chassis based (includes rescue vehic
stake	351	40	Cab chassis based (includes rescue vehic
stalled	376	2	Stalled engine
standard	330	2	4 wheel standard
standard	340	19	S - Standard
standing	813	1	Kneeling or standing on seat
starting	375	4	Starting in traffic lane
station	207	16	Utility station wagon (< or = 4,536 kgs
station	210	16	Utility station wagon (< or = 4,536 kgs
station	309	6	Station Wagon (excluding van and truck b
station	351	6	Station Wagon (excluding van and truck b
status	641	*	WIN PRECRASH STAT - WS
status	642	*	WIN PRECRASH STAT - LF
status	643	*	WIN PRECRASH STAT - RF
status	644	*	WIN PRECRASH STAT - LR
status	645	*	WIN PRECRASH STAT - RR
status	646	*	WIN PRECRASH STAT - BL
status	647	*	WIN PRECRASH STAT - RO
status	648	*	WIN PRECRASH STAT - OT
status	817	*	MEDIUM STATUS
statutory	368	0	No statutory limit
stay	866	*	HOSPITAL STAY
stayed	378	1	Stayed in original travel lane
steady	376	51	Traveling in same direction with lower s
steering	379	6	Steering left
steering	707	1	Steering assembly
steering	711	1	Steering assembly
steering	715	1	Steering assembly
steering	719	1	Steering assembly
steering	723	1	Steering assembly
steering	727	1	Steering assembly
steering	731	1	Steering assembly
steering	735	1	Steering assembly
steering	739	1	Steering assembly
steering	743	1	Steering assembly
steering	746	*	STEERING COLUMN TYPE
steering	747	*	STEERING COLUMN TILT
steering	748	*	STEERING COLUMN TELESCOP
steering	749	0	No steering rim deformation
steering	750	0	No steering rim deformation
steering	915	4	Steering wheel rim
step	309	22	Step van or walk-in van (< 4,536 kgs GVW
step	351	22	Step van or walk-in van (< 4,536 kgs GVW
sterling	307	61	Sterling
stone	385	4	Slag, gravel or stone
stopped	369	0	Stopped vehicle or traveling less than 0
stopped	375	5	Stopped in traffic lane
stopped	376	50	Other vehicle stopped
storage	915	302	Backlight storage rack, door, etc.
straight	208	4	(B) Back or TDC: back of unit with cargo
straight	211	4	(B) Back or TDC: back of unit with cargo
straight	309	61	Single unit straight truck (4,536 kgs <
straight	351	61	Single unit straight truck (4,536 kgs <
straight	375	1	Going straight
straight	383	1	Straight

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
strain	920	20	T - Strain
straps	847	2	Yes (specify number of tether straps)
stratrum	119	*	PSU STRATRUM
street	376	65	From crossing street - turning into same
stretched	309	12	Large limousine - more than four side do
stretched	351	12	Large limousine - more than four side do
stretched	823	2	Torn webbing (stretched webbing not incl
stretched	829	2	Torn webbing (stretched webbing not incl
striker	612	2	Latch/striker failure due to damage
striker	613	2	Latch/striker failure due to damage
striker	614	2	Latch/striker failure due to damage
striker	615	2	Latch/striker failure due to damage
striker	616	2	Latch/striker failure due to damage
striking	915	513	Other exterior of striking vehicle
strip	381	1	Divided trafficway-median strip without
structure	517	1	A - Overhanging structure
structure	529	1	A - Overhanging structure
structure	612	4	Door structure failure due to damage
structure	613	4	Door structure failure due to damage
structure	614	4	Door structure failure due to damage
structure	615	4	Door structure failure due to damage
structure	616	4	Door structure failure due to damage
structure	816	2	Nonfixed roof structure
structure	817	3	Integral structure
structure	911	*	TYPE OF ANATOMIC STRUCT
structure	912	*	SPECIFIC ANATOMIC STRUCT
student	309	50	School bus (designed to carry students,
student	351	50	School bus (designed to carry students,
study	121	*	AOPSS STUDY
style	309	39	Unknown (pickup style) light conventiona
style	351	39	Unknown (pickup style) light conventiona
subaru	307	48	Subaru
subcompact	207	1	Subcompact/mini (wheelbase < 254 cm)
subcompact	210	1	Subcompact/mini (wheelbase < 254 cm)
submit	105	*	NUM GEN VEH FORMS SUBMIT
suburban	309	16	Utility station wagon (Chevy Suburban,GM
suburban	351	16	Utility station wagon (Chevy Suburban,GM
successful	375	17	Successful avoidance maneuver to a previ
sulfur	562	14	Sodium sulfur battery
sulfur	563	14	Sodium sulfur battery
summary	908	2	Hospital/medical records other than emer
sun	309	1	Convertible (excludes sun roof, t-bar)
sun	337	2	Manual sun / moon roof
sun	338	2	Manual sun / moon roof
sun	339	2	Manual sun / moon roof
sun	351	1	Convertible (excludes sun roof, t-bar)
sunday	108	1	Sunday
sunglasses	850	2	Eyeglasses/sunglasses
sunroof	915	207	Sunroof/components
sunvisor	915	3	Sunvisor
super	335	26	Z - Unknown super charged
superior	910	7	Superior
support	612	5	Door support (i.e., pillar, sill, roof s
support	613	5	Door support (i.e., pillar, sill, roof s
support	614	5	Door support (i.e., pillar, sill, roof s
support	615	5	Door support (i.e., pillar, sill, roof s
support	616	5	Door support (i.e., pillar, sill, roof s

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
support	915	151	Seat, back support
supported	852	8	Pedestal (i.e., column supported)
surface	385	*	ROADWAY SURFACE TYPE
surface	386	*	ROADWY SURFACE CONDITION
surface	707	31	Outside surface of this vehicle
surface	711	31	Outside surface of this vehicle
surface	715	31	Outside surface of this vehicle
surface	719	31	Outside surface of this vehicle
surface	723	31	Outside surface of this vehicle
surface	727	31	Outside surface of this vehicle
surface	731	31	Outside surface of this vehicle
surface	735	31	Outside surface of this vehicle
surface	739	31	Outside surface of this vehicle
surface	743	31	Outside surface of this vehicle
surface	813	7	Bracing with feet or hands on a surface
surface	915	51	Left side interior surface (excluding ha
suzuki	307	53	Suzuki
swamp	309	90	ATV (all terrain vehicle including dune/
swamp	351	90	ATV (all terrain vehicle including dune/
switch	401	21	U - Dual front air bag / active belts w/
switches	915	409	Additional or relocated switches (specif
system	398	2	VIN determined air bag system
system	401	3	C - Dual front air bags / belt system un
system	551	2	Exhaust system
system	564	1	Yes, no damage to any tank or filler cap
system	826	*	AUTO (PASSIV) SYSTEM USE
system	827	*	AUTO BELT SYSTEM TYPE
system	836	*	AIR BAG SYSTEM FAILURE
system	838	1	Original manufacturer installed system
system	915	154	Other restraint system component
system	921	*	OIC - SYSTEM ORGAN
tailgate	707	26	Back door/panel (e.g. tailgate)
tailgate	711	26	Back door/panel (e.g. tailgate)
tailgate	715	26	Back door/panel (e.g. tailgate)
tailgate	719	26	Back door/panel (e.g. tailgate)
tailgate	723	26	Back door/panel (e.g. tailgate)
tailgate	727	26	Back door/panel (e.g. tailgate)
tailgate	731	26	Back door/panel (e.g. tailgate)
tailgate	735	26	Back door/panel (e.g. tailgate)
tailgate	739	26	Back door/panel (e.g. tailgate)
tailgate	743	26	Back door/panel (e.g. tailgate)
tailgate	816	1	Door/hatch/tailgate
talk	813	4	Sitting sideways or turned to talk with
talking	374	5	While talking or listening to cellular p
tank	551	3	Fuel tank (and other fuel retention syst
tank	552	*	TYPE OF FUEL TANK 1
tank	553	*	TYPE OF FUEL TANK 2
tank	554	*	FUEL TANK 1 LOCATION
tank	555	*	FUEL TANK 2 LOCATION
tank	556	*	FUEL TANK 1 FILLER CAP
tank	557	*	FUEL TANK 2 FILLER CAP
tank	558	*	FUEL TANK 1 DAMAGE
tank	559	*	FUEL TANK 2 DAMAGE
tank	560	0	No fuel tank
tank	561	0	No fuel tank
tank	562	0	No fuel tank
tank	563	0	No fuel tank

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
tank	564	*	MORE THAN 2 FUEL TANKS
tape	915	9	Add-on equipment (e.g., tape deck, air c
taxi	327	1	Taxi
t-bar	309	1	Convertible (excludes sun roof, t-bar)
t-bar	351	1	Convertible (excludes sun roof, t-bar)
tdc	208	4	(B) Back or TDC: back of unit with cargo
tdc	211	4	(B) Back or TDC: back of unit with cargo
tdc	508	13	Intra-unit force (TDC only)
tdc	513	10	Extent zone 0A (TDC ONLY)
tdc	520	13	Intra-unit force (TDC only)
tdc	525	10	Extent zone 0A (TDC ONLY)
tear	843	3	Deployed, unknown if flap(s) opened at d
technology	756	*	ADAPTIVE TECHNOLOGY
telephone	915	8	Cellular telephone or CB radio
telescoping	746	3	Telescoping column
telescoping	748	*	STEERING COLUMN TELESCOP
tempered	633	2	AS-2 - Tempered
tempered	634	2	AS-2 - Tempered
tempered	635	2	AS-2 - Tempered
tempered	636	2	AS-2 - Tempered
tempered	637	2	AS-2 - Tempered
tempered	638	2	AS-2 - Tempered
tempered	639	2	AS-2 - Tempered
tempered	640	2	AS-2 - Tempered
tempered-tinted	633	3	AS-3 - Tempered-tinted (original)
tempered-tinted	634	3	AS-3 - Tempered-tinted (original)
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
time	819	1	Removed from vehicle while unconscious o
time	868	*	TIME TO DEATH
tint	633	4	AS-2 - Tempered-tinted after market tint
tint	634	4	AS-2 - Tempered-tinted after market tint
tint	635	4	AS-2 - Tempered-tinted after market tint
tint	636	4	AS-2 - Tempered-tinted after market tint
tint	637	4	AS-2 - Tempered-tinted after market tint
tint	638	4	AS-2 - Tempered-tinted after market tint
tint	639	4	AS-2 - Tempered-tinted after market tint
tint	640	4	AS-2 - Tempered-tinted after market tint
tire	356	1	Wheels/tires
tire	376	1	Blow out or flat tire
tire	915	453	Other exterior surface or tires
toddler	858	2	Toddler seat
toe	707	5	Toe pan
toe	711	5	Toe pan
toe	715	5	Toe pan
toe	719	5	Toe pan
toe	723	5	Toe pan
toe	727	5	Toe pan
toe	731	5	Toe pan
toe	735	5	Toe pan
toe	739	5	Toe pan
toe	743	5	Toe pan
toe	915	251	Floor including toe pan
top	208	8	(T) Top
top	211	8	(T) Top
top	514	20	T - Top
top	526	20	T - Top
top	551	1	Vehicle exterior (front, side, back, top
top	707	13	Roof (or convertible top)
top	711	13	Roof (or convertible top)
top	715	13	Roof (or convertible top)
top	719	13	Roof (or convertible top)
top	723	13	Roof (or convertible top)
top	727	13	Roof (or convertible top)
top	731	13	Roof (or convertible top)
top	735	13	Roof (or convertible top)
top	739	13	Roof (or convertible top)
top	743	13	Roof (or convertible top)
top	915	205	Roof or convertible top
torn	823	2	Torn webbing (stretched webbing not incl
torn	829	2	Torn webbing (stretched webbing not incl
torn	845	4	Torn
total	361	*	BASIS FOR TOTAL DELTA-V
total	362	*	TOTAL DELTA-V
total	920	5	E - Total severance, transection
tow	309	40	Cab chassis based (includes rescue vehic
tow	351	40	Cab chassis based (includes rescue vehic
towed	323	0	Not towed due to vehicle damage
towed	326	*	TOWED TRAILING UNIT
towed	547	0	Not towed due to vehicle damage
toyota	307	49	Toyota
toyota	309	30	Compact pickup (Ram 50, Dakota, Arrow Pi
toyota	351	30	Compact pickup (Ram 50, Dakota, Arrow Pi
track	567	*	ORIGINAL AVE. TRACK WID.
track	826	2	Automatic belt not in use (manually disc

CDS 2004 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
trauma	865	1	Trauma center
travel	369	*	TRAVEL SPEED (KMPH)
travel	375	7	Disabled or parked in travel lane
travel	376	10	Over the lane line on left side of trave

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
travel	378	1	Stayed in original travel lane
travel	382	*	NUMBER OF TRAVEL LANES
travelall	309	16	Utility station wagon (Chevy Suburban,GM
travelall	351	16	Utility station wagon (Chevy Suburban,GM
traveling	369	0	Stopped vehicle or traveling less than 0
traveling	376	6	Traveling too fast for conditions
trays	915	575	Seatback trays
treated	111	8	Transported to a medical facility - unkn
treated	864	8	Transported to a medical facility - unkn
treated	865	0	Not treated at a medical facility
treated	873	1	Injured - not treated at medical facilit
treatment	111	*	MAXIMUM TREATMENT
treatment	402	*	MAXIMUM TREATMENT
treatment	864	*	TREATMENT/MORTALITY
treatment	865	5	Treatment later at medical facility
tree	209	41	Tree (< or = 10 cm in diameter)
tree	355	41	Tree (< or = 10 centimeters in diameter)
tree	373	*	POST COLL TREE/POLE COND
tree	507	41	Tree (< or = 10 cm in diameter)
tree	519	41	Tree (< or = 10 cm in diameter)
trimester	808	3	Female - pregnant - 1st trimester (1st-3
trip	356	*	PRIN TRIP FORCE APPLIED
trip-over	353	1	Trip-over
triumph	307	50	Triumph
truck	207	30	Compact Pickup truck (< or = 4,536 kgs G
truck	208	4	(B) Back or TDC: back of unit with cargo
truck	209	70	Passenger car, light truck, van or other
truck	210	30	Compact Pickup truck (< or = 4,536 kgs G
truck	211	4	(B) Back or TDC: back of unit with cargo
truck	309	6	Station Wagon (excluding van and truck b
truck	327	7	Fire truck or car
truck	328	0	No override/underride, or not an end-ove
truck	329	0	No override/underride, or not end-over-e
truck	341	*	VINA SERIES TRUCK
truck	342	20	T - Truck
truck	348	*	TRUCK WEIGHT CODE
truck	351	6	Station Wagon (excluding van and truck b
truck	355	70	Passenger car, light truck, van or other
truck	507	70	Passenger car, light truck, van or other
truck	519	70	Passenger car, light truck, van or other
truck-tractor	309	67	Truck-tractor with no cargo trailer
truck-tractor	351	67	Truck-tractor with no cargo trailer
trunk	551	5	Cargo/trunk compartment
tuesday	108	3	Tuesday
turbo	335	3	C - 1 barrel turbo
turned	813	4	Sitting sideways or turned to talk with
turning	375	10	Turning right
turning	376	15	Turning left at intersection
turn-over	353	3	Turn-over
turn-over	355	31	Turn-over - fall-over
twelve	352	12	Rollover - twelve quarter turns
unable	401	14	N - If unable to determine
unconscious	819	1	Removed from vehicle while unconscious o
undeformed	565	*	UNDEFORMED END WIDTH
under	348	1	6,000 lbs & under
under	819	4	Exited from vehicle under own power
undercarriage	208	9	(U) Undercarriage

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
undercarriage	211	9	(U) Undercarriage
undercarriage	356	4	Undercarriage
undercarriage	514	21	U - Undercarriage
undercarriage	526	21	U - Undercarriage
undercarriage	915	511	Undercarriage
underride	328	*	FRONT OVERRIDE/UNDERRIDE
underride	329	*	REAR OVERRIDE/UNDERRIDE
undetermined	750	10	Undetermined location
unenclosed	812	97	In or on unenclosed area
unit	208	4	(B) Back or TDC: back of unit with cargo
unit	211	4	(B) Back or TDC: back of unit with cargo
unit	309	61	Single unit straight truck (4,536 kgs <
unit	326	*	TOWED TRAILING UNIT
unit	351	61	Single unit straight truck (4,536 kgs <
unit	874	2	Yes - Blood given (specify units)
unit	915	404	Low effort power steering (unit or devic
unlisted	707	98	Intrusion of unlisted component(s)
unlisted	711	98	Intrusion of unlisted component(s)
unlisted	715	98	Intrusion of unlisted component(s)
unlisted	719	98	Intrusion of unlisted component(s)
unlisted	723	98	Intrusion of unlisted component(s)
unlisted	727	98	Intrusion of unlisted component(s)
unlisted	731	98	Intrusion of unlisted component(s)
unlisted	735	98	Intrusion of unlisted component(s)
unlisted	739	98	Intrusion of unlisted component(s)
unlisted	743	98	Intrusion of unlisted component(s)
unpaved	354	3	On shoulder - unpaved
unspecified	909	9	Unspecified
untreatable	112	6	Maximum (untreatable) injury
untreatable	403	6	Maximum (untreatable) injury
untreatable	877	6	Maximum (untreatable) injury
untreatable	914	6	Maximum (untreatable)
uphill	384	2	Uphill grade (> 2%)
upper	750	5	Upper half of rim/spoke
upper	823	4	Upper anchorage separated
upper	824	1	No upper anchorage adjustment for manual
upper	829	4	Upper anchorage separated
upper	909	7	Upper Extremity
upper	919	1	A - Arm (upper)
upright	824	2	In full upright position
upright	855	24	Moved to upright position
uprooted	373	5	Uprooted tree
urogenital	921	7	G - Urogenital
utility	207	14	Compact utility vehicle
utility	210	14	Compact utility vehicle
utility	309	14	Compact utility (includes Jeep CJ-2 thru
utility	351	14	Compact utility (includes Jeep CJ-2 thru
u-turn	375	12	Making U-turn
van	207	21	Large van (< or = 4,536 kgs GVWR)
van	209	70	Passenger car, light truck, van or other
van	210	21	Large van (< or = 4,536 kgs GVWR)
van	309	6	Station Wagon (excluding van and truck b
van	351	6	Station Wagon (excluding van and truck b
van	355	70	Passenger car, light truck, van or other
van	507	70	Passenger car, light truck, van or other
van	519	70	Passenger car, light truck, van or other
van	852	9	Box mounted seat (i.e., van type)

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
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
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
vinrtn	330	8	Unknown (VINRTN)
vista	309	20	Minivan (Astro, Caravan, Plymouth Vista,
vista	351	20	Minivan (Astro, Caravan, Plymouth Vista,
volkswagen	307	30	Volkswagen
volvo	307	51	Volvo
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

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
wagoneer	351	16	Utility station wagon (Chevy Suburban,GM
walk-in	309	22	Step van or walk-in van (< 4,536 kgs GVW
walk-in	351	22	Step van or walk-in van (< 4,536 kgs GVW
walk-in	908	4	Private physician - walk-in or emergency
wall	209	58	Wall
wall	355	58	Wall
wall	507	58	Wall
wall	519	58	Wall
wall	915	411	Wall mounted head rest (used behind whee
warning	389	6	Warning sign (not RR crossing)
webbing	823	2	Torn webbing (stretched webbing not incl
webbing	829	2	Torn webbing (stretched webbing not incl
webbing	915	152	Belt restraint webbing/buckle
wednesday	108	4	Wednesday
week	108	*	ACCIDENT DAY OF WEEK
weight	324	*	VEHICLE CURB WEIGHT
weight	325	*	VEHICLE CARGO WEIGHT
weight	343	*	VIN VEH WEIGHT - CAR
weight	348	*	TRUCK WEIGHT CODE
weight	350	*	WEIGHT - OTHER VEHICLE
weight	810	*	WEIGHT
wet	386	2	Wet
wheel	330	2	4 wheel standard
wheel	331	*	FOUR WHEEL DRIVE
wheel	332	*	FRONT WHEEL DRIVE
wheel	333	*	FRONT/REAR WHEEL DRIVE
wheel	334	*	# WHEELS/# DRIVE WHEELS
wheel	356	1	Wheels/tires
wheel	376	3	Disabling vehicle failure (e.g. wheel fe
wheel	554	1	Aft of center of the rear wheels (rear a
wheel	555	1	Aft of center of the rear wheels (rear a
wheel	556	2	Aft of center of the rear wheels (rear a
wheel	557	2	Aft of center of the rear wheels (rear a
wheel	750	9	Complete steering wheel collapse
wheel	915	4	Steering wheel rim
wheelbase	207	1	Subcompact/mini (wheelbase < 254 cm)
wheelbase	210	1	Subcompact/mini (wheelbase < 254 cm)
wheelbase	548	*	ORIGINAL WHEELBASE
wheelchair	915	407	Wheelchair tie-downs
white	307	82	Freightliner/White Freightliner/White
white	397	1	White (non-Hispanic)
whole	910	0	Whole region
whole	911	1	Whole Area
whole	919	9	I - N + B - Whole Spine
wide	517	23	W - Wide impact area
wide	529	23	W - Wide impact area
width	565	*	UNDEFORMED END WIDTH
width	566	*	DIRECT DAMAGE WIDTH
width	567	*	ORIGINAL AVE. TRACK WID.
window	606	6	Side window
window	641	*	WIN PRECRASH STAT - WS
window	642	*	WIN PRECRASH STAT - LF
window	643	*	WIN PRECRASH STAT - RF
window	644	*	WIN PRECRASH STAT - LR
window	645	*	WIN PRECRASH STAT - RR
window	646	*	WIN PRECRASH STAT - BL
window	647	*	WIN PRECRASH STAT - RO

CDS 2004 Index (continued)

Item	Var	CV	Variable Name or Code Value
window	648	*	WIN PRECRASH STAT - OT
window	707	17	Window frame
window	711	17	Window frame
window	715	17	Window frame
window	719	17	Window frame
window	723	17	Window frame
window	727	17	Window frame
window	731	17	Window frame
window	735	17	Window frame
window	739	17	Window frame
window	743	17	Window frame
window	813	4	Sitting sideways or turned to talk with
window	915	56	Left side window glass
windshield	606	1	Windshield
windshield	707	15	Windshield
windshield	711	15	Windshield
windshield	715	15	Windshield
windshield	719	15	Windshield
windshield	723	15	Windshield
windshield	727	15	Windshield
windshield	731	15	Windshield
windshield	735	15	Windshield
windshield	739	15	Windshield
windshield	743	15	Windshield
windshield	815	1	Windshield
windshield	915	1	Windshield
working	867	*	WORKING DAYS LOST
worn	846	2	Object worn by occupant
worn	850	*	EYEWEAR WORN
wrangler	309	14	Compact utility (includes Jeep CJ-2 thru
wrangler	351	14	Compact utility (includes Jeep CJ-2 thru
wrist	919	23	W - Wrist - hand
x-rays	908	3	Emergency room records only (including a
yamaha	307	76	Yamaha
year	107	*	ACCIDENT YEAR
year	306	*	MODEL YEAR
year	347	*	VIN MODEL YEAR
year	807	0	Up to one year
yield	389	3	Yield sign
yielding	361	9	Yielding object
yugo	307	57	Yugo
zip	396	*	DRIVER'S ZIP CODE
zone	389	4	School zone sign
zone	513	1	Extent zone 1
zone	525	1	Extent zone 1
2-door	309	2	2-door sedan, hardtop, coupe
2-door	351	2	2-door sedan, hardtop, coupe
3-door	309	3	3-door/2-door hatchback
3-door	351	3	3-door/2-door hatchback
4-door	309	4	4-door sedan, hardtop
4-door	351	4	4-door sedan, hardtop
5-door	309	5	5-door/4-door hatchback
5-door	351	5	5-door/4-door hatchback
75mph	368	121	121 kmph (75mph)

CDS

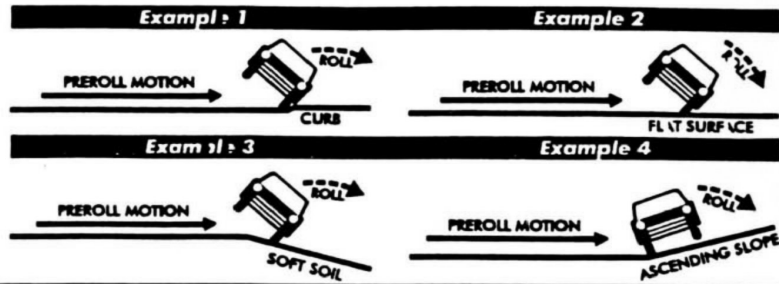
APPENDIX A

Code Values for Variable 353

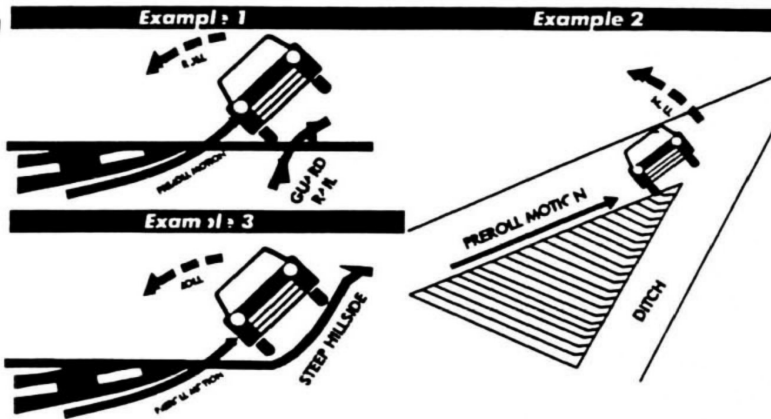
"Rollover Initiation Type"

CODING GUIDE FOR ROLLOVER INITIATION TYPES

01 Trip-Over: Vehicle lateral motion is resisted by opposing force, inducing roll moment.



02 Flip-Over: Forward-moving vehicle is vigorously rotated about its longitudinal axis by ramp-like object such as a guardrail taper or ditch back slope.



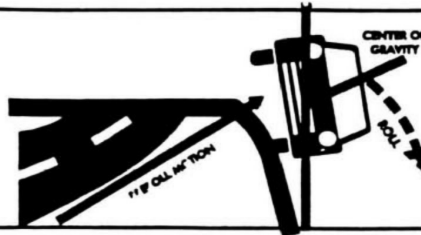
03 Turn Over: Centrifugal forces from a sharply turning or rotating vehicle produce a rollover moment when resisted by surface friction.



04 Climb-Over: Vehicle climbs up and over fixed object such as barrier.



05 Fall-Over: Vehicle is tipped by slope so that its center of gravity is outboard of its wheels.



06 Bounce-Over: Any case where vehicle rebounds off fixed object (such as a guardrail), overturns as a consequence.



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 SLOWER	24, 25, 26, 27 DECEL.	28, 29, 30, 31 SPECIFICS OTHER	(EACH • 32) SPECIFICS UNKNOWN	
	E Forward Impact	34 CONTROL/ TRACTION LOSS	36 CONTROL/ TRACTION LOSS	38 AVOID COLLISION WITH VEH.	40 AVOID COLLISION WITH OBJECT	(EACH • 42) SPECIFICS OTHER	(EACH • 43) SPECIFICS UNKNOWN
	F Sideswipe Angle	44, 45 LATERAL MOVE	46, 47 SPECIFICS OTHER	(EACH • 48) SPECIFICS OTHER	(EACH • 49) SPECIFICS UNKNOWN		
III Same Trafficway Opposite Direction	G Head-On	50, 51 LATERAL MOVE	(EACH • 52) SPECIFICS OTHER	(EACH • 53) SPECIFICS UNKNOWN			
	H Forward Impact	54 CONTROL/ TRACTION LOSS	56 CONTROL/ TRACTION LOSS	58 AVOID COLLISION WITH VEH.	60 AVOID COLLISION WITH OBJECT	(EACH • 62) SPECIFICS OTHER	(EACH • 63) SPECIFICS UNKNOWN
	I Sideswipe Angle	64, 65 LATERAL MOVE	(EACH • 66) SPECIFICS OTHER	(EACH • 67) SPECIFICS UNKNOWN			
IV Change Trafficway Vehicle Turning	J Turn Across Path	68, 69 INITIAL OPPOSITE DIRECTIONS	71, 70 INITIAL SAME DIRECTIONS	73, 72 SPECIFICS OTHER	(EACH • 74) SPECIFICS OTHER	(EACH • 75) SPECIFICS UNKNOWN	
	K Turn Into Path	77, 76 TURN INTO SAME DIRECTION	79, 78 TURN INTO OPPOSITE DIRECTIONS	81, 80 SPECIFICS OTHER	(EACH • 84) SPECIFICS OTHER	(EACH • 85) SPECIFICS UNKNOWN	
V Intersecting Paths (Vehicle Damage)	L Straight Paths	87, 86 SPECIFICS OTHER	88, 88 SPECIFICS OTHER	(EACH • 90) SPECIFICS OTHER	(EACH • 91) SPECIFICS UNKNOWN		
VI Miscellaneous	M Backing Etc	92, 93 BACKING VEH.	93 OTHER VEH. OR OBJECT	98 Other Accident Type 99 Unknown Accident Type 00 No Impact			

