NATIONAL AUTOMOTIVE SAMPLING SYSTEM (NASS)

CRASHWORTHINESS DATA SYSTEM

Analytical User's Manual

2009 File

National Center for Statistics and Analysis
National Highway Traffic Safety Administration
U.S. Department of Transportation
Washington, D.C. 20590

TABLE OF CONTENTS

SECTION 1

INTRODUCTION

The National Automotive Sampling System (NASS) Crashworthiness Data System (CDS) is a nationwide crash data collection program sponsored by the U.S. Department of Transportation. It is operated by the National Center for Statistics and Analysis (NCSA) of the National Highway Traffic Safety Administration (NHTSA). NASS began data collection in 1979.

The NASS program was re-evaluated in the mid-1980's. This re-evaluation resulted in changes, which were implemented by NHTSA in January 1988. NASS now has two major operating components: (1) the General Estimates System (GES) which collects data on a sample of all police-reported motor vehicle traffic crash reports; and (2) the Crashworthiness Data System (CDS) which collects additional detailed information on a sample of all police-reported light]motor vehicle traffic crashes.

The NASS CDS provides an automated, comprehensive national traffic crash database. Data collection is accomplished at 24 geographic sites, called Primary Sampling Units (PSUs). These data are weighted to represent all police reported motor vehicle crashes occurring in the USA during the year involving passenger cars, light trucks and vans that were towed due to damage.

Comparing the 1988-2009 files with files from years prior to 1988 is not recommended. The principal attributes of the NASS CDS 1988-2009 files include: focusing on crashes involving automobiles and automobile derivatives, light trucks and vans with gross vehicle weight less than 10,000 pounds (4,537 kg); giving special consideration to late model year vehicles (the five most recent model years [four, beginning in 1996]); emphasizing the more serious injury crashes; eliminating the pedestrian and non-motorist record, the driver record and vehicle registration information. A revised set of data collection forms was designed in 1988 for the crashworthiness data system. Some features are: the introduction of an Accident Event Record to capture all events in the crash; the creation of three new vehicle records (General Vehicle, Exterior Vehicle, Interior Vehicle); and the separation of occupant records into an Occupant Assessment Record and an Occupant Injury Record, wherein all injuries are coded.

The NASS CDS file is available in a Statistical Analysis System (SAS) data set. Hard copy data collection records, sanitized to protect privacy, are available for review through data collection year 1996. An electronic version of these records is available beginning with data collection year 1997. These records contain photographic images, scene diagrams, and vehicle damage diagrams.

This manual and the NASS 2009 Crashworthiness Data System's Data Collection, Coding and Editing Manual are the primary documentation supporting the automated file. When using this file one should be careful to understand the coding conventions of all variables used thoroughly. In addition, the user may find the following documents helpful:

CRASH3 Technical Manual, July 1986

Collision Deformation Classification (SAE J224 MAR 80)

2000 Injury Coding Manual

NASS Design for Crashworthiness Research, April 1986 (Internal Working Paper)

General Description of the NASS Crashworthiness Data System Sample Design, April 1987 (Internal Working Paper)

1988-1996 NASS CDS Variable-Attribute Structure Manual

The first document is available from the DOT/Volpe National Transportation Systems Center (VNTSC), DTS-64, 55 Broadway, Cambridge, Massachusetts 02142-1093. The second document is available from the Society of Automotive Engineers (SAE), Warrendale, Pennsylvania 15096. The third document is internal and cannot be distributed; however users may contact the Association for the Advancement of Automotive Medicine (AAAM) to order a copy of the "Abbreviated Injury Scale (AIS) 1990 - Update 98" which is the basis for NASS injury coding. The last three documents are available from the National Highway Traffic Safety Administration at the address below.

Comments on the content and utility of the files and primary documentation are appreciated. Please address them to the National Center for Statistics and Analysis - NVS-411, National Highway Traffic Safety Administration, U.S. Department of Transportation, 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

SECTION 2

CHANGES IN 2009

EVENT RECORD

OBJECT CONTACTED (SAS: OBJCONT)
Change Attribute Label:
From: TRAIN (77)
To: RAILWAY VEHICLE (77)

GENERAL VEHICLE RECORD

TYPE OF VEHICLE INSPECTION (SAS Name: INSPTYPE)
Added Attribute:
PARTIAL INSPECTION – PHOTOS ONLY (5)

VEHICLE SPECIAL USE (SAS Name: VEHUSE)
Deleted Attribute:
OTHER (SPECIFY) (8)
Changed Attribute Label:
From: FIRE TRUCK OR CAR (7)
To: FIRE TRUCK (7)
Added Attribute:
EMERGENCY SERVICES VEHICLE (8)

ROADWAY SURFACE CONDITION (SAS Name: SURCOND)
Deleted Attrbute:
SNOW OR SLUSH (3)
ICE (4)
SAND, DIRT, OR OIL (5)
Added Attribute:
SNOW (3)
SLUSH (4)
ICE/FROST (5)
WATER (STANDING, MOVING) (6)
SAND (7)
DIRT, MUD OR GRAVEL (8)
OIL (9)
Changed Attribute Code
From: OTHER (SPECIFY) (8)
To: OTHER (SPECIFY) (88)

ROLLOVER INITIATION OBJECT CONTACTED (SAS: ROLLOBJ)
Change Attribute Label:
From: TRAIN (77)
To: RAILWAY VEHICLE (77)

CONFIDENCE IN RECONSTRUCTION (SAS Name: DVCONFID)
Changed Attribute Label
From: BORDERLINE RECONSTRUCTION – RESULTS APPEAR REASONABLE (4)
To: BORDERLINE RECONSTRUCTION (4)

The following new models were added in 2009:

Vehicle Make	SAS Code	Vehicle Model	SAS Code
ACURA	54	ZDX	40
BMW	34	1 SERIES	43
BMW	34	X6	44
CHEVROLET	20	TRAVERSE	24
DODGE	07	CHALLENGER (2008 – ON)	28
FORD	12	FLEX	25
HYUNDAI	55	GENESIS	41
KIA	63	BORREGO	421
KIA	63	FORTE	38
KIA	63	SOUL	37
LEXUS	59	RX330/359/400h	403
NISSAN/DATSUN	35	CUBE	52
SUZUKI	53	EQUATOR	481
TOYOTA	49	VENZA	53
VOLKSWAGEN	30	ROUTAN	443
VOLVO	51	C30	49

EXTERIOR VEHICLE RECORD

OBJECT CONTACTED (SAS: OBJCONT1)
OBJECT CONTACTED (SAS: OBJCONT2)
Change Attribute Label:
From: TRAIN (77)
To: RAILWAY VEHICLE (77)

INTERIOR VEHICLE RECORD

POST CRASH INTEGRITY LOSS (SAS: POSTINT)
Added Variable with the following Attributes:
NO or UNKNOWN (0)
YES (1)

OCCUPANT ASSESSMENT RECORD

CHANGE IN CODING PROCEDURE FOR VEHICLES MORE THAN 10 YEARS OLD
Summary: For those vehicles with MODEL YEAR (SAS: MODELYR) 1999 and earlier, an abbreviated OCCUPANT ASSESSMENT RECORD is completed. Unknown model year vehicles will still have a full OCCUPANT ASSESSMENT RECORD.

Variables in the abbreviated OCCUPANT ASSESSMENT RECORD for vehicles more than 10 years old:

PRIMARY SAMPLING UNIT NUMBER (SAS: PSU)
CASE NUMBER - STRATUM (SAS: CASEID)
CASE NUMBER (SAS: CASENO)
STRATUM (SAS: STRATIF)
VERSION NUMBER (SAS: VERSION)
VEHICLE NUMBER (SAS: VEHNO)
OCCUPANT NUMBER (SAS: OCCNO)
OCCUPANT'S AGE (SAS: AGE)
OCCUPANT'S HEIGHT (SAS: HEIGHT)
OCCUPANT'S WEIGHT (SAS: WEIGHT)
OCCUPANT'S SEX (SAS: SEX)
FETAL MORTALITY (SAS: FETALDOA)
OCCUPANT'S ROLE (SAS: ROLE)
OCCUPANT'S RACE (SAS: OCCRACE)
OCCUPANT'S ETHNICITY (SAS: OCETHNIC)
WAS THIS OCCUPANT WEARING EYE-WEAR? (SAS: EYEWEAR)
WAS CHILD SEAT USED? (SAS: CHUSED)
POLICE REPORTED BELT USE (SAS: PARUSE)
POLICE REPORTED AIR BAG AVAILABILITY/FUNCTION (SAS: BAGAVRPT)
INJURY SEVERITY (POLICE RATING) (SAS: INJSEV)

All other fields for older vehicles will be blank.

OCCUPANT'S RACE (SAS: OCCRACE)
Added Variable with following Attributes:
WHITE (1)
BLACK (2)
ASIAN (3)

NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER (4)
AMERICAN INDIAN ALASKAN NATIVE (5)
OTHER (SPECIFY) (7)
NO DRIVER PRESENT (8)
UNKNOWN (.U IN SAS) (9)

OCCUPANT'S ETHNICITY (SAS: OCETHNIC)
Added Variable with following Attributes:
HISPANIC OR LATINO (1)
NOT HISPANIC OR LATINO (2)
NO DRIVER PRESENT (8)

WAS CHILD SEAT USED? (SAS: CHUSED)
Added variable with following Attributes:
NO (0)
YES (1)
UNKNOWN (.U in SAS) (9)

SOURCE OF AIRBAG DAMAGE (SAS Name: BAGDAMSO)
Added Attribute:
POST CRASH DAMAGE (94)

ROLLOVER PROTECTION (SAS: ROLLPROT)
Added Variable with the following Attributes:
NO or UNKNOWN (0)
YES (1)

CHILD SAFETY SEAT MAKE/MODEL (SAS: CHMAKE)
Additions and modifications for 2009

SAS CODE	MANUFACTURER	MODEL
286	Safety 1st	Complete Air
287	Britax	Advocate CS
354	Magna	Clek Olli
360	Magna	Clek Oobr
361	Magna	Clek Ozzi
362	Cosco/Dorel	Pronto BSS
363	Jane	Indy Plus

SECTION 3

THE SAMPLING SYSTEM AND SAMPLE DESIGN

The crashes investigated in NASS CDS are a probability sample of all police reported crashes in the U.S. A NASS CDS crash must fulfill the following requirements: must be police reported, must involve a harmful event (property damage and/or personal injury) resulting from a crash and must involve at least one towed passenger car or light truck or van in transport on a trafficway. Every crash, which meets these conditions, has a chance of being selected. This type of sample design makes it possible to compute estimates, which are representative of the entire country.

The selection of sample crashes in NASS is accomplished in three stages: (1) selection of Primary Sampling Units (PSU's), (2) selection of police jurisdictions and (3) selection of crashes.

Stage 1 - Select PSU's

For the first stage of selection, the country was divided into 1195 geographic areas called PSU's. Each PSU consisted of a central city, a county surrounding a central city, an entire county or a group of contiguous counties. The PSU's were defined so that their minimum population was approximately 50,000.

The 1195 PSU's were grouped into 12 strata based on geographic region and type, e.g., central cities, suburban counties, and other PSU's. The 24 PSU's to be sampled were allocated to each stratum roughly proportional to the number of crashes in each stratum. At least two PSU's were selected from each stratum.

Stage 2 - Select Police Jurisdictions

If every crash in each PSU were investigated, a national estimate could be obtained by weighting each crash by the inverse of the probability of selecting the PSU. Because it is uneconomical and impractical to investigate every crash in each sample PSU, a second and third stage of sampling are performed. Each PSU contains a number of police jurisdictions which process reports of crashes that occur within the PSU's boundaries. These police jurisdictions form the frame of the second stage of sampling. Each jurisdiction is assigned a measure of size based on the number, severity and type of its crashes. A sample of jurisdictions is selected which over-samples those having a larger measure of size.

Stage 3 - Select Crashes

The final stage of sampling is the selection of crashes within the sampled jurisdictions. Each week, the police jurisdictions are contacted and all crashes that qualify for the NASS CDS for which a police crash report has been filed since the last date that jurisdiction was contacted are listed. While being listed, each crash is classified into a stratum based on type of vehicle; most severe police reported injury, disposition of the injured, tow status of the vehicles and model year of the vehicles. All qualifying crashes are listed, except in a few of the largest police jurisdictions. In these jurisdictions only crashes with either an even or an odd police crash report number are listed.

To select crashes, each team is assigned a fixed number of crashes to investigate each week. The number of crashes a team selects for investigation is governed by the number of researchers on a team. Sampling weights for the strata are assigned so that a larger percentage of the higher severity crashes are selected than of the lower severity crashes. Also, crashes in the same stratum have the same probability of being selected, regardless of the PSU.

To select the sample, each crash is assigned a weight equal to the inverse of the probability of selecting the police jurisdiction in which it was listed.

SAMPLING VARIABLES

The stratification category (1) by type of vehicle is [a] "CDS applicable"---passenger cars, light trucks and vans and [b] "Non-CDS Applicable vehicles"---all other vehicle types; (2) by injury is "fatal injury"---K, "serious injury"---A or "minor injury, not injured or unknown"---B,C,O,U; (3) by disposition of the injured is "transported to a medical facility" or "not transported"; (4) by hospitalization is "occupant admitted at least overnight"; (5) by tow status is "towed due to damage" or "not towed"; (6) by model year of the vehicle is "late model year"---2006 through 2010 or "non-late model year"---2005 or before.

SAMPLING STRATA

The ten PAR sampling Strata used by the CDS are listed below and shown in Table 3-1:

Stratum A-NASS crashes in which at least one occupant of a towed CDS applicable late model year vehicle had a police reported injury of "K" (fatal injury).

Stratum B-NASS crashes not qualifying for Stratum A in which at least one occupant of a towed CDS applicable non-late model year vehicle had a police reported injury of "K" (fatal injury).

Stratum J-NASS crashes not qualifying for Strata A or B in which at least one occupant of a towed CDS applicable late model year vehicle had a police reported injury of "A" (incapacitating injury) AND was transported to a treatment facility for treatment AND was admitted overnight

to the hospital. If the crash involved more than one CDS applicable vehicle, at least two of the CDS applicable vehicles must be towed.

Stratum K-NASS crashes not qualifying for Strata A, B or J in which at least one occupant of a towed CDS applicable non late model year vehicle had a police reported injury of "A" (incapacitating injury) AND was transported to a treatment facility for treatment AND was admitted overnight to the hospital. If the crash involved more than one CDS applicable vehicle, at least two of the CDS applicable vehicles must be towed.

Stratum C-NASS crashes not qualifying for Strata A, B, J or K in which at least one occupant of a towed CDS applicable late model year vehicle had a police reported injury of "A" (incapacitating injury) AND was transported to a treatment facility for treatment. If the crash involved more than one CDS applicable vehicle, then at least two of the CDS applicable vehicles must be towed.

Stratum D-NASS crashes not qualifying for Strata A, B, J, K or C in which at least one occupant of a towed CDS applicable non-late model year vehicle had a police reported injury of "A" (incapacitating injury) AND was transported to a treatment facility for treatment. If the crash involved more than one CDS applicable vehicle, then at least two of the CDS applicable vehicles must be towed.

Stratum E-NASS crashes not qualifying for Strata A, B, J, K, C or D in which at least one occupant of a towed CDS applicable late model vehicle was transported from the scene to a treatment facility for treatment.

Stratum F-NASS crashes not qualifying for Strata A, B, J, K, C, D or E in which at least one occupant of a towed CDS applicable non-late model vehicle was transported from the scene to a treatment facility for treatment.

Stratum G-NASS crashes not qualifying for Strata A, B, J, K, C, D, E or F which involve at least one CDS applicable late model vehicle that was towed, according to the police report, from the scene due to damage.

Stratum H-NASS crashes not qualifying for Strata A, B, J, K, C, D, E, F or G which involve at least one CDS applicable non-late model vehicle that was towed, according to the police report, from the scene due to damage.

Example of Crash Stratification: A CDS applicable non-late model year vehicle and a bicycle crash. The CDS applicable vehicle is towed with minor injuries to the occupants, who are not transported. The bicyclist receives a serious injury---"A". The crash is classified as Stratum H because of the minor injuries to the occupants of the towed CDS applicable non-late model year vehicle.

Table 3-1
2009 NASS CDS Strata

Late Model Year (LMY) Vehicle Involvement	Most Severe Police Reported Injury								
	Fatal Injury K	Transported					Minor Injury or Unk. B, C, or U	Non-transported	
		Serious Injury A						Minor Injury, Not injured or Unknown	
		Single CDS Veh.		Multiple CDS Applicable Vehicles				At Least one Towed CDS Veh.	No Towed CDS Appli. Veh.
		Towed		Two or More Towed		Only One Towed			
		Hosp-ital-ized	Not Hosp-ital-ized	Hosp-ital-ized	Not Hosp-ital-ized				
Injury in Towed LMY CDS Veh.	A	J	C	J	C	E		G	Not in Scope
Injury not in Towed LMY CDS Veh.	B	K	D	K	D	F		H	

Note: Late Model Year refers to 2006 through 2010 model years.

Sampling

Because the crashes selected in NASS CDS are a probability sample of all crashes occurring in the survey year, the data from these crashes are "weighted" to produce National Estimates. The weights result from the stages of selection, reflecting that crash's probability of selection. The analysis file contains only one weight.

PSU Inflation Factor

The PSU Inflation Factor is the within PSU sampling weight for each crash in that PSU's sample and is equal to the inverse of that crash's probability of selection within the PSU. It is equal to the product of the inverse of the probability of selecting that crash from the other crashes and the inverse of the probability of selecting the police jurisdiction in which the crash occurred from among all police jurisdictions listed in the PSU (Stage 2).

The sum of the PSU Inflation Factors for all crashes sampled within a PSU is an unbiased estimate of the number of crashes which occurred during the year in that PSU. Unbiased estimates of crash characteristics for a PSU can be obtained by multiplying the value of the characteristic for each crash sampled in the PSU by that crash's PSU Inflation Factor and summing.

National Inflation Factor

The National Inflation Factor is the overall sampling weight for each crash selected in the NASS sample and the inverse of the probability of selection of that crash. It is equal to product of the PSU Inflation Factor and the inverse of the probability of selection of the PSU (Stage 1).

The sum of the National Inflation Factors for all sampled NASS crashes in a year is an unbiased estimate of the total number of crashes, which occurred during the year in the U.S. If restricted to a crash stratum, the sum is an estimate of the total number of that type of crash, which occurred in that year. Unbiased estimates of National totals of crash characteristics can be obtained by multiplying the value of the characteristic for each crash in the NASS sample by the National Inflation Factor for that crash.

Ratio Inflation Factor

The Ratio Inflation Factor is the product of the National Inflation Factor and a rate, which adjusts for differences between actual and estimated totals. This ratio is calculated using crash totals from both the sampled and non-sampled police jurisdictions. The totals for the sampled jurisdictions come from the Stage 3 frame. The totals for the non-sampled jurisdictions are collected annually. The PSU's are grouped into predetermined sets. Dividing the total crashes in each stratum and in each set of PSU's by the estimated total forms ratios. Those estimated totals are sums of the National Inflation Factors for each crash in the crash strata and set of PSU's.

Estimates of National totals for crash characteristics can be obtained using the Ratio Inflation Factor (RIF). However, because the RIFs have been adjusted to actual crash counts, some of the sampling variation has been removed. Therefore they will produce more precise estimates than the National Inflation Factor. It is for this reason that the RIF or Ratio Weight is the only weight on the analysis file. Less than one percent of the cases have RIFs greater than 5000. This is the result of listing at least twice the number of expected serious injury crashes on a given sampling day.

SECTION 4

DERIVED VARIABLES

Most of the data presented in the NASS record layout can be identified easily as coming from crash investigation and other activities of NASS field teams. The following data elements, however, are by-products of sampling procedures used by NASS or are derived from data processing applications, such as totaling the number of injured persons in a given crash. The following list identifies the specific data elements, lists their SAS name (Label) and explains their derivation:

(Note: Abbreviations are used to indicate SAS names of data elements. Example: MAXIMUM TREATMENT IN THIS ACCIDENT (SAS Label: ATREAT) is abbreviated to MAXIMUM TREATMENT IN THIS ACCIDENT (SAS: ATREAT) .

MAXIMUM TREATMENT IN THIS ACCIDENT (SAS: ATREAT)

This single place numeric value indicates the most intensive treatment given to any occupant of a towed in-transport CDS applicable vehicle in the crash, using the following order of codes:

1	FATAL
3	HOSPITALIZED
4	TRANSPORTED AND RELEASED
5	TREATMENT AT SCENE
6	TREATMENT LATER
7	TREATMENT - OTHER
8	TRANSPORTED TO A MEDICAL FACILITY - UNKNOWN IF
2	FATAL - RULED DISEASE
9	UNKNOWN
0	NO TREATMENT
.	NOT COLLECTED

This variable is derived by scanning the TREATMENT-MORTALITY (OA62) variable in each occupant assessment record in the crash.

Source: TREATMENT-MORTALITY (OA62).
Missing Values: Occupant assessment records will be missing for: (1) Non CDS applicable vehicles-BODY TYPE (BODYTYPE) equals 50-99; (2) Non-towed CDS applicable vehicles -BODY TYPE (BODYTYPE) equals 01-49 AND POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9; (3) Towed CDS applicable vehicles with no occupants-BODY TYPE (BODYTYPE) equals 01-49 and POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF OCCUPANT FORMS SUBMITTED (GV39) equals 0. If there are no occupants in any towed CDS applicable vehicle in the crash, or all CDS applicable vehicles' MODEL YEAR is less than 2000, then code ".N" (Not Collected) is used on the SAS file.
SAS Codes: .N for Blank (Not Collected) and .U for 9 (Unknown).

MAXIMUM KNOWN A.I.S. IN THIS ACCIDENT (SAS: AAIS)

This single place numeric value indicates the single most severe injury level reported for any occupant of a towed in-transport CDS applicable vehicle in the crash, using the following order of codes:

6	MAXIMUM (UNTREATABLE) INJURY
5	CRITICAL INJURY
4	SEVERE INJURY
3	SERIOUS INJURY
2	MODERATE INJURY
1	MINOR INJURY
7	INJURY, UNKNOWN SEVERITY
9	UNKNOWN IF INJURED
0	NOT INJURED
.	NOT COLLECTED

This variable is derived by scanning the A.I.S. SEVERITY (OI010...OI100) variable on each occupant injury record in the crash. If none of the occupants in the crash has an occupant injury record, then scan the NUMBER OF RECORDED INJURIES FOR THIS OCCUPANT (INJNUM) variable on the occupant assessment record. Use the following order of codes: if "97", then code "7"; if "99", then code "9"; if "00", then code "0".

Source: A.I.S. SEVERITY (OI010...OI100) and NUMBER OF RECORDED INJURIES FOR THIS OCCUPANT (INJNUM).
Missing Values: Occupant injury and occupant assessment records will be missing for: (1) Non CDS applicable vehicles-BODY TYPE (BODYTYPE) equals 50-99; (2) Non-towed CDS applicable vehicles -BODY TYPE (BODYTYPE) equals 01-49 AND POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9; (3) Towed CDS applicable vehicles with no occupants-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF OCCUPANT FORMS SUBMITTED (GV39) equals 0. Occupant injury records will be missing for: (1) Towed CDS applicable vehicles with no known occupant injuries-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 97, 99 or 00; (2) Non-towed CDS applicable vehicles with no known occupant injuries-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 97, 99 or 00. If there are no occupants in any towed CDS applicable vehicle in the crash, or all CDS applicable vehicles' MODEL YEAR is less than 2000, then code ".N" (Not Collected) is used on the SAS file.
SAS Codes: .N for Blank (Not Collected) and .U for 9 (Unknown).

NUMBER OF SERIOUSLY INJURED OCCUPANTS IN THIS ACCIDENT (SAS: AINJSER)

This two place numeric value indicates the total number of fatally and other seriously injured occupants of towed CDS applicable vehicles involved in the crash. It is derived by totaling for the crash either the number of occupant assessment records in which the TREATMENT-MORTALITY (OA62) value is coded "1" (Fatal) or the number of

occupant injury records in which the A.I.S. SEVERITY (OI010...OI100) value is coded "3-6". (Add together "1"s in OA62 and if the code in OA62 is not equal to "1", add one injury per occupant where OI010...OI100 is "3-6").

Source: TREATMENT-MORTALITY (OA62) and A.I.S. SEVERITY (OI010...OI100).
Missing Values: Occupant injury and occupant assessment records will be missing for: (1) Non CDS applicable vehicles-BODY TYPE (BODYTYPE) equals 50-99; (2) Non-towed CDS applicable vehicles -BODY TYPE (BODYTYPE) equals 01-49 AND POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9; (3) Towed CDS applicable vehicles with no occupants-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF OCCUPANT FORMS SUBMITTED (GV39) equals 0. Occupant injury records will be missing for: (1) Towed CDS applicable vehicles with no known occupant injuries-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 97, 99 or 00; (2) Non-towed CDS applicable vehicles with no known occupant injuries-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 97, 99 or 00. If none of the occupants in the crash has an occupant injury record or if, on all the occupant assessment records the only codes in OA70 are equal to "97, 99 or 00", then use code "00" (None) for this derived variable. If there are no occupants in any towed CDS applicable vehicle in the crash, or all CDS applicable vehicles' MODEL YEAR is less than 2000, then code ".N" (Not Collected) is used on the SAS file.
SAS Codes: .N for Blank (Not Collected). Unknown is not a valid code.

NUMBER OF INJURED OCCUPANTS IN THIS ACCIDENT (SAS: AINJURED)

This two place numeric value indicates the total number of injured occupants of towed CDS applicable vehicles involved in the crash. It is derived by totaling the number of occupant assessment records in which the variable NUMBER OF RECORDED INJURIES FOR THIS OCCUPANT (INJNUM) has a value of 01-97.

Source: NUMBER OF RECORDED INJURIES FOR THIS OCCUPANT (INJNUM).
Missing Values: Occupant assessment records will be missing for: (1) Non CDS applicable vehicles - BODY TYPE (BODYTYPE) equals 50-99; (2) Non-towed CDS applicable vehicles with - BODY TYPE (BODYTYPE) equals 01-49 AND POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9; (3) Towed CDS applicable vehicles with no occupants-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF OCCUPANT FORMS SUBMITTED (GV39) equals 0. Towed CDS applicable vehicles with no known occupant injuries will have codes-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 99 or 00. Non-towed CDS applicable vehicles with no known occupant injuries will have codes-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 99 or 00. If, on all the occupant assessment records in the crash, the only codes in OA70 are equal to "99 or 00", then use code "00" (None) for this derived variable. If there are no occupants in any towed CDS applicable

vehicle in the crash, or all CDS applicable vehicles' MODEL YEAR is less than 2000, then code ".N" (Not Collected) is used on the SAS file.
SAS Codes: .N for Blank (Not Collected). Unknown is not a valid code.

ALCOHOL INVOLVEMENT IN THIS ACCIDENT (SAS: ALCINV)

This single place numeric value indicates if any involved driver were reported to have had some alcohol involvement at the time of the crash, using the following order of codes:

1 YES
2 NO
9 UNKNOWN

This variable is derived by scanning the POLICE REPORTED ALCOHOL PRESENCE FOR DRIVER (GV13) and ALCOHOL TEST RESULT FOR DRIVER (GV14) variables on each general vehicle record in the crash. The ALCOHOL INVOLVEMENT codes are derived as follows:

(YES) 1 - If POLICE REPORTED ALCOHOL PRESENCE FOR DRIVER equals 1 (YES- ALCOHOL PRESENT) or ALCOHOL TEST RESULT FOR DRIVER equals 01-49 (positive result).

(NO) 2 - If POLICE REPORTED ALCOHOL PRESENCE FOR DRIVER equals 0 (NO ALCOHOL PRESENT) and ALCOHOL TEST RESULT FOR DRIVER equals 00 (NONE) or 96 (NONE GIVEN).

(UNKNOWN) 9 - If the variables shown above have any other combination of values.

Source: POLICE REPORTED ALCOHOL PRESENCE FOR DRIVER (GV13) and ALCOHOL TEST RESULT FOR DRIVER (GV14).
Missing Values: None (must have at least one general vehicle record coded through the variable ACCIDENT TYPE (GV36) in the crash).
SAS Codes: .U for 9 (Unknown).

DAY OF WEEK (SAS: DAYWEEK)

This two place numeric value indicates on which day of the week the crash occurred. To protect the confidentiality of records concerning specific crashes used by NASS, the crash date is not provided. Instead, the crash record indicates year, month and DAY OF WEEK of crash occurrence. DAY OF WEEK values are coded as follows:

01	Sunday	05	Thursday
02	Monday	06	Friday
03	Tuesday	07	Saturday
04	Wednesday		

Source: DATE OF ACCIDENT (AC04).
Missing Values: None.
SAS codes: None. Unknown is not a valid code.

PSU INFLATION FACTOR (SAS: PSUWGT)

This eight place numeric value has three implied decimal places. It indicates the within PSU sampling weight for each crash in that PSU's sample.

This weight is not on the current year file.
Source: Computed by NHTSA Headquarters.
Missing Values: None.
SAS Codes: None.

NATIONAL INFLATION FACTOR (SAS: NATWGT)

This eight place numeric value has three implied decimal places. It indicates the overall sampling weight for each crash selected in the NASS sample.
This weight is not on the current year file.

Source: Computed by NHTSA Headquarters.
Missing Values: None.
SAS Codes: None.

RATIO INFLATION FACTOR (SAS: RATWGT)

This eight place numeric value has three implied decimal places. It is the product of the National Inflation Factor and a ratio which adjusts for differences between actual and estimated totals.

Source: Computed by NHTSA Headquarters.
Missing Values: None.
SAS Codes: None.

DRUG INVOLVEMENT IN THIS ACCIDENT (SAS: DRGINV)

This single place numeric value indicates if any involved driver were reported to have had some drug involvement at the time of the crash, using the following order of codes:

1 YES
2 NO
3 UNKNOWN

This variable is derived by scanning the POLICE REPORTED OTHER DRUG PRESENCE FOR DRIVER (GV15) and OTHER DRUG SPECIMEN TEST RESULT (GV16) variables on each general vehicle record in the crash. The DRUG INVOLVEMENT codes are derived as follows:

(YES) 1 - If POLICE REPORTED OTHER DRUG PRESENCE FOR DRIVER equals 1 (YES - OTHER DRUG PRESENT) or OTHER DRUG SPECIMEN TEST RESULT equals 2 (DRUG FOUND IN SPECIMEN).

(NO) 2 -If POLICE REPORTED OTHER DRUG PRESENCE FOR DRIVER equals 0 (NO OTHER DRUGS PRESENT) and OTHER DRUG SPECIMEN TEST RESULT equals 0 (NO SPECIMEN TEST GIVEN) or 1 (DRUG NOT FOUND IN SPECIMEN).

(UNKNOWN) 9 - If the variables shown above have any other combination of values.

Source: POLICE REPORTED OTHER DRUG PRESENCE FOR DRIVER (GV15) and OTHER DRUG SPECIMEN TEST RESULT (GV16).
Missing Values: None (must have at least one general vehicle record coded through the variable ACCIDENT TYPE (GV36) in the crash).
SAS Codes: .U for 9 (Unknown).

MANNER OF COLLISION (SAS: MANCOLL)

This single place numeric value indicates the configuration of the crash based on the first harmful event, using the following codes:

0 NOT COLLISION WITH VEHICLE IN TRANSPORT
1 REAR-END
2 HEAD-ON
4 ANGLE
5 SIDESWIPE, SAME DIRECTION
6 SIDESWIPE, OPPOSITE DIRECTION
9 UNKNOWN

This variable is derived by scanning the OBJECT CONTACTED (AC16) variable on the crash event record and the ACCIDENT TYPE (GV36) variable on the general vehicle record, where VEHICLE NUMBER (AC13) equals VEHICLE NUMBER (GV03). The MANNER OF COLLISION codes are derived as follows:

0 (NOT COLLISION WITH VEHICLE IN TRANSPORT) - If OBJECT CONTACTED equals 31-99.
1 (REAR-END) - If OBJECT CONTACTED equals 01-30 and ACCIDENT TYPE equals 20-43.
2 (HEAD-ON) - If OBJECT CONTACTED equals 01-30 and ACCIDENT TYPE equals 50-63.
4 (ANGLE) - If OBJECT CONTACTED equals 01-30 and ACCIDENT TYPE equals 68-91.
5 (SIDESWIPE, SAME DIRECTION) - If OBJECT CONTACTED equals 01-30 and ACCIDENT TYPE equals 44-49.
6 (SIDESWIPE, OPPOSITE DIRECTION) - If OBJECT CONTACTED equals 01-30 and ACCIDENT TYPE equals 64-67.
9 (UNKNOWN) - If OBJECT CONTACTED equals 01-30 and ACCIDENT TYPE equals 92-99.

Source: OBJECT CONTACTED (AC16) and ACCIDENT TYPE (GV36).
Missing Values: None (must have at least one general vehicle record coded through the variable ACCIDENT TYPE (GV36) in the crash.
SAS Codes: .U for 9 (Unknown).

PSU STRATA (SAS: PSUSTRAT)

This two place numeric variable indicates the stratum into which each PSU is grouped in the first stage of selection of sample crashes. It is used for calculating variance by analysts using the SUDAAN statistical system. Values are coded as follows:

01 - 12

This variable is derived by scanning a coded table consisting of PSU number and stratum number.

Source: PSU NUMBER (AC01) and coded table.
Missing Values: None.
SAS Codes: None.

MAXIMUM TREATMENT IN THIS VEHICLE (SAS: VTREAT)

This single place numeric value indicates the most intensive treatment given to any occupant of this towed CDS applicable vehicle using the following order of codes:

1	FATAL
3	HOSPITALIZED
4	TRANSPORTED AND RELEASED
5	TREATMENT AT SCENE
6	TREATMENT LATER
7	TREATMENT - OTHER
8	TRANSPORTED TO A MEDICAL FACILITY - UNKNOWN IF
2	FATAL - RULED DISEASE
9	UNKNOWN
0	NO TREATMENT
.	NOT COLLECTED

This variable is derived by scanning the TREATMENT-MORTALITY (OA62) variable in each occupant assessment record in this vehicle.

Source: TREATMENT-MORTALITY (OA62).
Missing Values: Occupant assessment records will be missing for: (1) Non CDS applicable vehicles-BODY TYPE (BODYTYPE) equals 50-99; (2) Non-towed CDS applicable vehicles with -BODY TYPE (BODYTYPE) equals 01-49 AND POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9; (3) Towed CDS applicable vehicles with no occupants-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF OCCUPANT FORMS SUBMITTED (GV39) equals 0. If none of the occupants in the vehicle has an occupant assessment record, or the vehicle's MODEL YEAR is less than 2000, then code ".N" (Not Collected) is used on the SAS file.
SAS Codes: .N for Blank (Not Collected) and .U for 9 (Unknown).

MAXIMUM KNOWN A.I.S. IN THIS VEHICLE (SAS: VAIS)

This single place numeric value indicates the single most severe injury level reported for any occupant in this towed CDS applicable vehicle using the following order of codes:

6	MAXIMUM (UNTREATABLE) INJURY
5	CRITICAL INJURY
4	SEVERE INJURY
3	SERIOUS INJURY
2	MODERATE INJURY
1	MINOR INJURY
7	INJURY, UNKNOWN SEVERITY
9	UNKNOWN IF INJURED
0	NOT INJURED
.	NOT COLLECTED

This variable is derived by scanning the A.I.S. SEVERITY (OI010...OI100) variable on each occupant injury record in this towed CDS applicable vehicle. If none of the occupants in this vehicle has an occupant injury record, then scan the NUMBER OF RECORDED INJURIES FOR THIS OCCUPANT (INJNUM) variable on the occupant assessment record. Use the following order of codes: if "97", then code "7"; if "99", then code "9"; if "00", then code "0".

Source: A.I.S. SEVERITY (OI010...OI100) and NUMBER OF RECORDED INJURIES FOR THIS OCCUPANT (INJNUM).
Missing Values: Occupant injury and occupant assessment records will be missing for: (1) Non CDS applicable vehicles-BODY TYPE (BODYTYPE) equals 50-99; (2) Non-towed CDS vehicles - BODY TYPE (BODYTYPE) equals 01-49 AND POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9; (3) Towed CDS applicable vehicles with no occupants-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF OCCUPANT FORMS SUBMITTED (GV39) equals 0. Occupant injury records will be missing for: (1) Towed CDS applicable vehicles with no known occupant injuries-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 97, 99 or 00; (2) Non-towed CDS applicable vehicles with no known occupant injuries-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 97, 99 or 00. If none of the occupants in the vehicle has an occupant assessment record, or the vehicle's MODEL YEAR is less than 2000, then code ".N" (Not Collected) is used on the SAS file.
SAS Codes: .N for Blank (Not Collected) and .U for 9 (Unknown).

NUMBER SERIOUSLY INJURED IN THIS VEHICLE (SAS: VINJSER)

This two place numeric value indicates the total number of fatally and other seriously injured occupants of this towed CDS applicable vehicle. It is derived by totaling for the vehicle either the number of occupant assessment records in which the TREATMENT-MORTALITY (OA62) value is coded "1" (Fatal) or the number of occupant injury records in which the A.I.S. SEVERITY (OI010...OI100) value is coded "3-6". (Add together "1"s in OA62 and if the code in OA62 is not equal to "1", add one injury per occupant where OI010...OI100 is "3-6").

Source: TREATMENT-MORTALITY (OA62) and A.I.S. SEVERITY (OI010...OI100).
Missing Values: Occupant injury and occupant assessment records will be missing for: (1) Non CDS applicable vehicles-BODY TYPE (BODYTYPE) equals 50-99; (2) Non towed CDS applicable vehicles -BODY TYPE (BODYTYPE) equals 01-49 AND POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9; (3) Towed CDS applicable vehicles with no occupants-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF OCCUPANT FORMS SUBMITTED (GV39) equals 0. Occupant injury records will be missing for: (1)Towed CDS applicable vehicles with no known occupant injuries-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 97, 99 or 00; (2) Non towed CDS applicable vehicles with no known occupant injuries-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 97, 99 or 00.

If none of the occupants in the vehicle has an occupant assessment record, or the vehicle's MODEL YEAR is less than 2000, then code ".N" (Not Collected) is used in the SAS file. If, on all the occupant assessment records in the vehicle, the only codes in OA70 are equal to "97, 99 or 00", then use code "00" (None) for this derived variable.
SAS Codes: .N for Blank (Not Collected). Unknown is not a valid code.

NUMBER INJURED IN THIS VEHICLE (SAS: VINJURED)

This two place numeric value indicates the total number of injured occupants of this towed CDS applicable vehicle. It is derived by totaling the number of occupant assessment records in which the variable NUMBER OF RECORDED INJURIES FOR THIS OCCUPANT (INJNUM) has a value of 01-97.

Source: NUMBER OF RECORDED INJURIES FOR THIS OCCUPANT (INJNUM).
Missing Values: Occupant assessment records will be missing for: (1) Non CDS applicable vehicles-BODY TYPE (BODYTYPE) equals 50-99; (2) Non-towed CDS applicable vehicles -BODY TYPE (BODYTYPE) equals 01-49 AND POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9; (3) Towed CDS applicable vehicles with no occupants-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF OCCUPANT FORMS SUBMITTED (GV39) equals 0. Towed CDS applicable vehicles with no known occupant injuries will have codes-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 99 or 00. Non-towed CDS applicable vehicles with no known occupant injuries will have codes-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 99 or 00. If none of the occupants in the vehicle has an occupant assessment record, or the vehicle's MODEL YEAR is less than 2000, then code ".N" (Not Collected) is used on the SAS file. If, on all the occupant assessment records in the vehicle, the only codes in OA70 are equal to "99 or 00", then use code "00" (None) for this derived variable.

SAS Codes: .N for Blank (Not Collected). Unknown is not a valid code.

VIN LENGTH (SAS: VINLNGTH)

This two place numeric value indicates the number of characters in the Vehicle Identification Number (VIN) as originally recorded.

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Values: None.
SAS Codes: .U for 99 (Unknown).

WEIGHT OF THE OTHER VEHICLE (SAS: OTVEHWGT)

This three place numeric value indicates the weight (in kilograms) of the other vehicle, if the most severe impact is with another CDS applicable vehicle. (This vehicle must be an inspected CDS applicable vehicle, the other vehicle need only be a CDS applicable vehicle). Values are coded as follows:

045	LESS THAN 450 KILOGRAMS
046 - 609	460-6,090 KILOGRAMS
610	6,100 KILOGRAMS OR MORE
998	NOT APPLICABLE (MOST SEVERE IMPACT NOT WITH ANOTHER VEHICLE OR WITH VEHICLE HITTING ITSELF)
999	UNKNOWN
.	NOT COLLECTED

This variable is derived by scanning the OBJECT CONTACTED (EV05) variable from the HIGHEST DELTA "V" as coded on the exterior vehicle record. If the object contacted is another CDS applicable vehicle, then the weight is derived by scanning the VEHICLE CURB WEIGHT (GV43) variable as coded on the general vehicle record for the other CDS applicable vehicle.

Source: OBJECT CONTACTED (EV05), BODY TYPE (BODYTYPE) & VEHICLE CURB WEIGHT (GV43).
Missing Values: Exterior vehicle records will be missing and variables GV37-67 on general vehicle records will not be coded for Non CDS applicable vehicles-BODY TYPE (BODYTYPE) equals 50-99. If the most severe impact is between an inspected CDS applicable vehicle and a non CDS applicable vehicle, then ".N" (Not Collected) on the SAS file. Exterior vehicle records will be missing for CDS applicable vehicles which are not inspected- BODY TYPE (BODYTYPE) equals 01-49 and TYPE OF VEHICLE INSPECTION (GV67) equals 0. Code ".N" (Not Collected) is used on the SAS file. If the OBJECT CONTACTED (EV05) variable is blank (non collision event) for an inspected CDS applicable vehicle, then use code 998 (Not Applicable).
SAS Codes: .N for Blank (Not Collected) and .U for 999 (Unknown)

BODY TYPE OF THE OTHER VEHICLE (SAS: OTBDYTYP)

This two place numeric value indicates the body type of the other vehicle if the most severe impact is with another vehicle. (This vehicle must be an inspected CDS applicable

vehicle, the other vehicle may be any vehicle type). If the impact is not with another vehicle, the value is coded as follows:

98 NOT APPLICABLE (MOST SEVERE IMPACT NOT WITH ANOTHER VEHICLE OR WITH VEHICLE HITTING ITSELF)
. NOT COLLECTED

This variable is derived by scanning the OBJECT CONTACTED (EV05) variable from the HIGHEST DELTA "V" as coded on the exterior vehicle record. If the object contacted is another vehicle, then the body type is derived by scanning the BODY TYPE (BODYTYPE) variable as coded on the general vehicle record for the other vehicle.

Source: OBJECT CONTACTED (EV05) and BODY TYPE (BODYTYPE).
Missing Values: Exterior vehicle records will be missing for:
(1) Non CDS applicable vehicles-BODY TYPE (BODYTYPE) equals 50-99;
(2) Not Inspected CDS applicable vehicles-BODY TYPE (BODYTYPE) equals 01-49 and TYPE OF VEHICLE INSPECTION (GV67) equals 0. For these vehicle types, use code ".N" (Not Collected) on the SAS file. If the OBJECT CONTACTED (EV05) variable is blank (noncollision event) for an inspected CDS applicable vehicle, then code 98 (Not Applicable) is used.
SAS Codes: .N for Blank (Not Collected) and .U for 99 (Unknown).

(**Note:** The following 20 data elements are supplied by PC VINA. The value "9" in a variable indicates an unknown VIN. A "Blank" in an alphanumeric variable or a "." in a numeric variable indicates an error in the VIN.)

VINA MAKE (SAS: VINMAKE)

This five place alphanumeric value indicates the National Crime Information Center (NCIC) code for vehicle make. 99999 denotes unknown.

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Values: If VINA VEHICLE TYPE is unknown (U), then VIN MAKE will be blank.
SAS Codes: None.

VINA MODEL (PASSENGER VEHICLE) (SAS: VINAMOD)

This three place alphanumeric value contains a Polk series code for the model of passenger vehicles. For a listing of these codes please refer to the Polk PC VINA manual.

This variable is derived by the VINA analysis scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).

Missing Value: If VINA VEHICLE TYPE is unknown (U), then VINA MODEL (PASS. VEH.) will be blank.
SAS Codes: None.

VINA SERIES (TRUCKS) (SAS: SERTR)

This three place alphanumeric value contains a Polk series code. For a listing of these codes please refer to the Polk PC VINA manual.

This variable is derived by the VINA analysis scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is equal to Passenger Vehicle (P), Motorcycle (M) or Unknown (U), then VINA SERIES (TRUCKS) will be blank.
SAS Codes: None.

VINA BODY TYPE (SAS: VINBT)

This two place alphanumeric value indicates the vehicle's body type. The applicable codes and their descriptors are listed in the following table:

Body Type Codes

Passenger Vehicles			
AM	Ambulance	UT	Utility **
CB	Cab & Chassis (Luv)	WW	Wide Wheel Wagon
CP	Coupe	2D	Sedan 2 Dr.
CV	Convertible	2F	Formal Hardtop 2 Dr.
C4	Coupe 4 Dr.		
HB	Hatchback*	2H (81-03)	Hatchback 2 Dr.
HR	Hearse	2L	Liftback 3 Dr.
HT	Hardtop *	2P	Pillard Hardtop 2 Dr.
IN	Incomplete Passenger	2T	Hardtop 2 Dr.
LB	Liftback	2W	Wagon 2 Dr.
LM	Limousine	3D	Runabout 3 Dr.
NB	Notchback	3P	Coupe 3 Dr.
PK	Pickup **	4D	Sedan 4 Dr.

PN	Panel **	4H (81-03)	Hatchback 4 Dr.
P2	2 Passenger Low	4L	Liftback 5 Dr.
P4	4 Passenger Low	4P	Pillard Hardtop 4 Dr.
RD	Roadster	4T	Hardtop 4 Dr.
SB	Sport Hatchback	4W	Wagon 4 Dr.
SC	Sport Coupe	5D	Sedan 5 Dr.
SD	Sedan *		
SV	Sport Van		
SW	Station Wagon		

* Used only when number of doors is unknown
** To code trucks commonly registered as passenger vehicles

Trucks			
AC	Auto Carrier	MV	Maxi Van
AR	Armored Truck	MW	Maxi Wagon
BU	Bus	MY	Motorized Cutaway
CB	Chassis and Cab	PC	Club Cab Pickup
CC	Conventional Cab	PD	Parcel Delivery
CG	Cargo Van	PK	Pickup
CH	Crew Chassis	PM	Pickup with Camper mounted on bed
CL	Club Chassis	PN	Panel
CM	Concrete or Transit Mixer	PS	Super Cab Pickup
CR	Crane	RD	Roadster (Jeep, Jeep Commando)
CS	Super Cab/Chassis Pickup	SN	Step Van
CU	Custom Pickup	SP	Sport Pickup
CV	Convertible (Jeep Commando, Suzuki Samarai, Dodge Dakota)	ST	Stake or Rack
CW	Crew Pickup	SV	Sports Van
CY	Cargo Cutaway	SW	Station Wagon (Jeep Wagonneer, Dodge Sportsman A100, Toyota

			Landcruiser)
DP	Dump	TL	Tilt Tandem
DS	Tractor Truck (diesel)	TM	Tandem
EC	Extended Cargo Van	TN	Tank
ES	Extended Sport Van	TR	Tractor Truck (Gasoline)
EV	Ext Van	UT	Utility (Blazer, Jimmy, Scout, etc.)
EW	Extended Window Van	VC	Van Camper
FB	Flat-bed or Platform	VD	Display Van
FC	Forward Control	VN	Van
FT	Fire Truck	VT	Vanette (including Metro and Handy Van)
GG	Garbage or Refuse	VW	Window Van
GL	Gliders	WK	Tow Truck Wrecker
GN	Grain	WW	Wide Wheel Wagon
HO	Hopper	XT	Travelall
IC	Incomplete Chassis	YY	Cutaway
IE	Incomplete Ext Van	2W	2 Dr. Wagon
LG	Logger	3B	3 Dr. Extended Cab / Chassis
LL	Suburban & Carry All	3C	4 Dr. Extended Cab Pickup
LM	Limousine		
MH	Motorized Home	4B	4 Dr. Extended Cab / Chassis
MP	Multi-purpose	4C	4 Dr. Extended Cab Pickup
S1	One Seat	4W	4 Dr. Wagon
S2	Two Seat	8V	8 Passenger Sport Van
TB	Tilt Cab		

Motorcycles			
AT	All terrain	MY	Mini Cycle
EN	Enduro	RC	Racer

MK	Mini Bike	RS	Road/Street
MM	Mini Moto Cross	RT	Road/Trail
MP	Moped	T	Dirt
MR	Mini Road/Trail	TL	Trail/Dirt
MS	Motor Scooter	TR	Trails
MX	Moto Cross		

This variable is derived by the VINA analysis scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is unknown (U), then VINA BODY TYPE will be blank.
SAS Codes: None.

VINA ROOF TYPE (SAS: ROOF1)

This single place numeric value indicates the type of roof on the vehicle (model years 1985 and later) using the following codes:

1 None/not available
2 Manual sun/moon roof
3 Power sun/moon roof
4 Removable panels
5 Removable roof
6 retractable roof panel
7 Other/unknown

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is unknown (U), then VINA ROOF TYPE will be blank.
SAS Codes: "." for Blank.

VINA ROOF TYPE (OPTIONAL 1) (SAS: ROOF2)

This single place numeric value indicates the optional type of roof for the vehicle (model year 1985 and later) using the following codes:

1 None/not available
2 Manual sun/moon roof
3 Power sun/moon roof

4 Removable panels
5 Removable roof
6 retractable roof panel
7 Other/unknown

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is unknown (U), then VINA ROOF TYPE (OPTIONAL 1) will be blank.
SAS Codes: "." for Blank.

VINA ROOF TYPE (OPTIONAL 2) (SAS: ROOF3)

This single place numeric value indicates the an optional type of roof for the vehicle (model year 1985 and later) using the following codes:

1 None/not available
2 Manual sun/moon roof
3 Power sun/moon roof
4 Removable panels
5 Removable roof
6 retractable roof panel
7 Other/unknown

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is unknown (U), then VINA ROOF TYPE (OPTIONAL 2) will be blank.
SAS Codes: "." for Blank.

VINA ANTI-LOCK BRAKES (SAS: ANTILOCK)

This single place numeric value indicates if anti-lock brakes are available in the vehicle (model year 1985 and later) and if so, which axles have the system (if known). The following codes are used:

1 Not Available
2 4 wheel standard
3 Rear only standard
4 ABS standard, wheels unknown
5 4 wheel optional
6 Rear only optional
7 ABS optional, wheels unknown
9 Unknown

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is unknown (U), then VINA ANTI-LOCK BRAKES will be blank.
SAS Codes: "." for Blank.

VINA FRONT WHEEL DRIVE (SAS: FRTWHLDR)

This single place alphanumeric value indicates if the vehicle (model year 1985 and later) is front wheel drive using the following codes.

N	No
Y	Yes
*	Some vehicles of this series

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is unknown (U), then VINA FRONT WHEEL DRIVE will be blank.
SAS Codes: None.

VINA FOUR WHEEL DRIVE (SAS: FOURWHDR)

This single place alphanumeric value indicates if the vehicle (model year 1985 and later) is four wheel drive using the following codes.

N	No
Y	Yes
*	Some vehicles of this series

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is unknown (U), then VINA FOUR WHEEL DRIVE will be blank.
SAS Codes: None.

VINA RESTRAINT TYPE (SAS: RESTYPE)

This single place alphanumeric value indicates the actual presence of the restraint type in the vehicle. The code cannot be used to determine whether the restraint is an optional or a standard feature of the vehicle. The codes are valid for model years 1985 to the current model year. The following codes are used:

A	Active (manual) belts

B	Driver front air bag/passenger side belt unknown
C	Dual front air bags/belt system unknown
D	Dual front air bag/passenger side passive belts
E	Dual front air bags/active belts
F	Dual front air bags/passive belts
G	Dual air bags front and side/belts unknown
H	Dual air bags front, head and sides/belts unknown
I	Dual air bags front, head and sides/passive belts
J	Dual air bags front and sides/passive belts
K	Dual air bags front and sides/active belts
L	Dual air bags front, head and sides/active belt
M	Driver front air bag/passenger side active belt
N	If unable to determine
P	Passive (automatic) belts
R	Dual air bags front and side/active belts w/ automatic passenger sensor
S	Dual air bags front, head, and side/active belts w/ automatic passenger sensor
T	Dual air bags front/active belts/rear passenger side air bag
U	(1985-1998) Unknown restraint type
U	(1999-Present) Dual front air bags/active belts with passenger side deactivation cutoff switch
V	Dual air bags front, head and side/active belts/rear dual side air bags
W	Dual air bags front, head and side/active belts w/ automatic passenger sensor/ rear dual side airbags
X	Dual air bags front/side air bag, driver-side only/active belts
Y	Dual front and side air bags with passenger deactivation switch
3	Dual front & head airbags with passenger sensor; active belts
4	Dual front airbags with passenger sensor; active belts
7	Dual front, side & head airbags, Rear head airbags; active belts
9	Unknown

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is unknown (U), then VINA RESTRAINT TYPE will be blank.
SAS Codes: None.

VINA CARBURETION (PASS VEH) (SAS: CARBUR)

This single place alphanumeric value contains the number of barrels for the engine or a descriptive code indicating that the engine is high performance, fuel-injected, turbo, or electronically controlled. The codes are for passenger vehicles only. The codes and their meanings are listed in the following table:

Carburetion Codes and Meanings		
Code	Number of BBL	Description of Engine
(a number)	Number specified by the code	Number of barrels for the engine (e.g. 4)
A*	1	Lower HP
B*	1	Higher HP
C	1	Turbo
D*	1	Turbo Low HP
E*	1	Turbo High HP
F	Unknown	A fuel injection rating code used when the manufacturer=s specifications do not show the number of barrels.
G	1	Electronically controlled
H	Unknown	A high performance rating code used when the manufacturer=s specifications do not show the number of barrels.
J*	2	Lower HP
K*	2	Higher HP
L	2	Turbo
M*	2	Turbo Low HP
N*	2	Turbo High HP
P	2	Electronically controlled
Q	Unknown	Electronically controlled
R	4	Electronically controlled
S*	4	Lower HP
T	1,2 or 4	Turbo Fuel Injected
U*	4	Higher HP
V	4	Turbo
W*	4	Turbo Low HP
X*	4	Turbo High HP

Y	Unknown	Turbo
Z	Unknown	Super Charged

*NOTE: These values are coded only when necessary to apply correct insurance symbol.

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is equal to Trucks (T), Motorcycle (M) or unknown (U), then VINA CARBURETION (PASS VEH) will be blank.
SAS Codes: None.

VINA FUEL CODE (SAS: FUELCODE)

This single place alphanumeric value indicates the type of fuel suggested by the manufacturer for the engine. The descriptive codes and their meanings are as follows:

B Electric and gasoline hybrid engine
C Gasoline engine that can be easily converted to a gaseous powered engine (powered by natural gas, propane, etc.)
D Diesel
E Electric
F Flexible Fuel
G Gas
H Ethanol Fuel Only
M Methanol Fuel Only
N Compressed Natural Gas
P Propane

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is unknown (U), then VINA FUEL CODE will be blank.
SAS Codes: None.

VINA WEIGHT CODE (TRUCKS) (SAS: WGTCDTR)

This single place numeric value indicates the manufacturer=s Gross Vehicle Weight (GVW) rating. The descriptive codes and their meanings are as follows:

1 6,000 and less
2 6,001 - 10,000
3 10,001 - 14,000
4 14,001 - 16,000
5 16,001 - 19,500
6 19,501 - 26,000

7 26,001 - 33,000
8 33,001 - and more
9 weight unknown

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is equal to Passenger Vehicle (P), Motorcycle (M) or unknown (U), then VINA WEIGHT CODE (TRUCKS) will be blank.
SAS Codes: "." for Blank.

VINA VEHICLE TYPE (SAS: VEHTYPE)

This single place alphanumeric value indicates the type of vehicle using the following values:

P Passenger Vehicle
T Truck
M Motorcycle
U Unknown

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: None.
SAS Codes: None.

VINA WHEELS/DRIVING WHEELS (TRUCKS) (SAS: WHLDRWHL)

This two place numeric value contains information about truck wheels. The first position contains the total number of wheels. The second position contains the number of driving wheels.

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is equal to Passenger Vehicle (P), Motorcycle (M) or unknown (U), then VINA WHEELS/DRIVING WHEELS (TRUCKS) will be blank.
SAS Codes: "." for Blank.

VINA DAYTIME RUNNING LIGHTS (SAS: DAYRUNLT)

This single place alphanumeric value indicates the availability of Daytime Running Lights. Values are coded as follows:

S Standard

O Optional
N Not Available
U Unknown

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is unknown (U), then VINA DAYTIME RUNNING LIGHTS will be blank.
SAS Codes: None.

VINA BASE SHIPPING WEIGHT (PASS VEH & M/C) (SAS: VEHWGT)

This four place numeric value indicates the base shipping weight (dry weight) of passenger vehicles and motorcycles.

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is unknown (U), then VINA BASE SHIPPING WEIGHT (PASS VEH & M/C) will be blank.
SAS Codes: "." for Blank.

VINA MOTORCYCLE CC's ENGINE DISPLACEMENT (SAS: MCYCLDS)

This four place numeric value indicates the manufacturer's cubic centimeter (CC) displacement of the model.

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is equal to Passenger Vehicle (P), Truck (T) or unknown (U), then VINA MOTORCYCLE CC's ENGINE DISPLACEMENT will be blank.
SAS Codes: "." for Blank.

VINA MODEL YEAR (SAS: VINMODYR)

This four place numeric value indicates the vehicle's model year.

This variable is derived by the VINA analysis system scanning the VEHICLE IDENTIFICATION NUMBER (VIN).

Source: VEHICLE IDENTIFICATION NUMBER (VIN).
Missing Value: If VINA VEHICLE TYPE is unknown (U), then VINA MODEL YEAR will be blank.
SAS Codes: "." for Blank.

MAXIMUM KNOWN OCCUPANT A.I.S. (SAS: MAIS)

This single place numeric value indicates the single most severe injury level reported for this occupant of a towed CDS applicable vehicle using the following order of codes:

6	MAXIMUM (UNTREATABLE) INJURY
5	CRITICAL INJURY
4	SEVERE INJURY
3	SERIOUS INJURY
2	MODERATE INJURY
1	MINOR INJURY
7	INJURED, UNKNOWN SEVERITY
9	UNKNOWN IF INJURED
0	NOT INJURED

This variable is derived by scanning the A.I.S. SEVERITY (OI010...OI100) variable on the occupant injury record. If this occupant does not have an occupant injury record, then scan the NUMBER OF RECORDED INJURIES FOR THIS OCCUPANT (INJNUM) variable on the occupant assessment record. Use the following order of codes: if "97", then code "7"; if "99", then code "9"; if "00", then code "0".

Source: A.I.S. SEVERITY (OI010...OI100) and NUMBER OF RECORDED INJURIES FOR THIS OCCUPANT (INJNUM).
Missing Values: None (if you do not have an occupant injury record, you will have an occupant assessment record for each occupant of a towed CDS applicable vehicle).

Occupant injury and occupant assessment records will be missing for:

(1) Non CDS applicable vehicles BODY TYPE (BODYTYPE) equals 50-99;
(2) Non-towed CDS applicable vehicles BODY TYPE (BODYTYPE) equals 01-49 AND POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9.

Occupant injury records will be missing for:

(1) Towed CDS applicable vehicles with no known occupant injuries BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 97, 99 or 00, or if the vehicle's MODEL YEAR is less than 2000;
(2) Non-towed CDS applicable vehicles -BODY TYPE (BODYTYPE) equals 01-49 AND POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9; and
(3) vehicles with a MODEL YEAR less than 2000.

SAS Codes: .U for 9 (Unknown).

OCCUPANT I.S.S. (SAS: ISS)

This two place numeric value provides an index score indicating the relative severity of overall injury to the individual vehicle occupant of a towed CDS applicable vehicle using the following order of codes:

6	MAXIMUM (UNTREATABLE) INJURY
5	CRITICAL INJURY
4	SEVERE INJURY
3	SERIOUS INJURY
2	MODERATE INJURY
1	MINOR INJURY
0	NOT INJURED

It is derived by scanning the BODY REGION (OI006...OI096) and the A.I.S. SEVERITY (OI010...OI100) variables on the occupant injury record. The I.S.S. score is calculated by adding the squares of the highest A.I.S. SEVERITY entries for each of the three most severely injured body regions. For A.I.S. Code "7" (Injury, Unknown Severity), use code "0". If the occupant injury record is missing, scan the NUMBER OF RECORDED INJURIES FOR THIS OCCUPANT (INJNUM) variable on the occupant assessment record. If the codes in INJNUM are "97, 99 or 00", then use code "0". An example of calculating an I.S.S. score is the following:

> An Occupant suffered serious injury (A.I.S.=3) to the legs (Body Region 5), moderate injury (A.I.S.=2) to the pelvic area (Body Region 4) and moderate to minor injuries elsewhere (A.I.S.=2). The resulting I.S.S. is the sum of the squares of these three A.I.S. Severity scores: (3**2) + (2**2) + (2**2) or 17.

Source: BODY REGION (OI006...OI096) and A.I.S. SEVERITY OI010...OI100).
Missing Values: None (if you do not have an occupant injury record, you will have an occupant assessment record for each occupant of a towed CDS applicable vehicle).

Occupant injury and occupant assessment records will be missing for:

(1) Non CDS applicable vehicles BODY TYPE (BODYTYPE) equals 50-99;
(2) Non-towed CDS applicable vehicles BODY TYPE (BODYTYPE) equals 01-49 AND POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9.

Occupant injury records will be missing for:

(1) Towed CDS applicable vehicles with no known occupant injuries BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 97, 99 or 00;
(2) Non-towed CDS applicable vehicles with no known occupant injuries BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 97, 99 or 00; and
(3) vehicles with a MODEL YEAR less than 2000.

If the vehicle's MODEL YEAR is less than 2000, then code ".N" (Not Collected) is used on the SAS file.
SAS Codes: .N for Blank (Not Collected). Unknown is not a valid code.

BODY REGION - AIS-85 (SAS: BODYREG)

This single place alphanumeric value captures the body regions as defined in the 1988 Injury Coding Manual in accordance with the coding conventions of AIS-85.
Values are coded as follows:

M Abdomen
Q Ankle - foot
A Arm (upper)
B Back - thoracolumbar spine
C Chest
E Elbow
F Face
R Forearm
H Head - skull
U Injured, unknown region
K Knee
L Leg (lower)
Y Lower limb (s) (whole or unknown part)
N Neck - cervical spine
P Pelvic - hip
S Shoulder
T Thigh
X Upper limb (s) (whole or unknown part
O Whole body
W Wrist - hand

This variable is derived by scanning a coded table which converts AIS-90 injury codes to OIC (AIS-85) codes.

Source: BODY REGION (AIS-90) (OI006...OI096), TYPE OF ANATOMIC STRUCTURE (OI007...OI097), SPECIFIC ANATOMIC STRUCTURE (OI008...OI098), LEVEL OF INJURY (OI009..OI099) and coded table.
Missing Values: Occupant injury records will be missing for: (1) Non CDS applicable vehicles-BODY TYPE (BODYTYPE) equals 50-99; (2) Non-towed CDS applicable vehicles -BODY TYPE (BODYTYPE) equals 01-49 AND POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9; (3) Towed CDS applicable vehicles with no known occupant injuries-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 99 or 00.
SAS Codes: None

LESION - AIS-85 (SAS: LESION)

This single place alphanumeric value captures the lesions as defined in the 1988 Injury Coding Manual in accordance with the coding conventions of AIS-85.
Values are coded as follows:

A Abrasion
M Amputation
V Avulsion
B Burn
K Concussion
Z Fracture and dislocation
U Injured, unknown lesion
L Laceration
O Other
P Perforation, puncture

C Contusion
N Crush
G Detachment, separation
D Dislocation
F Fracture
R Rupture
S Sprain
T Strain
E Total severance, transection

This variable is derived by scanning a coded table which converts AIS-90 injury codes to OIC (AIS-85) codes.

Source: BODY REGION (AIS-90) (OI006...OI096), TYPE OF ANATOMIC STRUCTURE (OI007...OI097), SPECIFIC ANATOMIC STRUCTURE (OI008...OI098), LEVEL OF INJURY (OOI009..OI099) and coded table.
Missing Values: Occupant injury records will be missing for: (1) Non CDS applicable vehicles-BODY TYPE (BODYTYPE) equals 50-99; (2) Non-towed CDS applicable vehicles -BODY TYPE (BODYTYPE) equals 01-49 AND POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9; (3) Towed CDS applicable vehicles with no known occupant injuries-BODY TYPE (BODYTYPE) equals 01-49, POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 99 or 00.
SAS Codes: None

SYSTEM ORGAN - AIS-85 (SAS: SYSORG)

This single place alphanumeric value captures the system organs as defined in the 1988 Injury Coding Manual in accordance with the coding conventions of AIS-85.
Values are as follows:

W All systems in region
A Arteries - veins
B Brain
D Digestive
E Ears
O Eye
H Heart
U Injured, unknown system
I Integumentary
J Joints
K Kidneys
L Liver
M Muscles
N Nervous system
P Pulmonary - lungs
R Respiratory
S Skeletal
C Spinal Cord
Q Spleen
T Thyroid, other endocrine gland
G Urogenital
V Vertebrae

This variable is derived by scanning a coded table which converts AIS-90 injury codes to OIC (AIS-85) codes.

Source: BODY REGION (AIS-90) (OI006...OI096), TYPE OF ANATOMIC STRUCTURE (OI007...OI097), SPECIFIC ANATOMIC STRUCTURE (OI008...OI098), LEVEL OF INJURY (OI009..OI099) and coded table.
Missing Values: Occupant injury records will be missing for: (1) Non CDS applicable vehicles-BODY TYPE (BODYTYPE) equals 50-99; (2) Non-towed CDS applicable vehicles -BODY TYPE (BODYTYPE) equals 01-49 AND POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 0 or 9; (3) Towed CDS applicable vehicles with no known occupant injuries-BODY TYPE (BODYTYPE) equals 01-49,

POLICE REPORTED VEHICLE DISPOSITION (TOWPAR) equals 1 and NUMBER OF RECORDED INJURIES THIS OCCUPANT (INJNUM) equals 99 or 00; and (4) Towed CDS applicable vehicles more than 10 years old (MODEL YEAR < 2000).
SAS Codes: None

SECTION 5

SAS FILE

NASS data are available in the form of a Statistical Analysis System (SAS) file. SAS is a highly flexible statistical package that provides a high level programming language for effective matrix manipulation and data management facilities.

SAS is a non-hierarchical database. The SAS database for NASS consists of eleven individual data sets, corresponding to the six NASS CDS data collection records. The exceptions are (1) the Case Summary record which is broken into four data sets, the Type Accident, the Accident Description, the Vehicle Profile and the Person Profile data sets and (2) the Accident record which is broken into the Accident and the Accident Event data sets. The other datasets are General Vehicle, Exterior Vehicle, Interior Vehicle, Occupant Assessment and Occupant Injury. Using modified relational database concepts, SAS allows the natural hierarchical structure of NASS data to be fully explored by the analyst. An analyst can create a new SAS data set by merging data from several levels of the NASS hierarchy--e. g., vehicle and occupant levels--through use of an appropriate set of SAS commands within the DATA step.

SAS Database Contents

The variable names in the NASS/SAS data base are from the data collection forms or derived variables and are limited to eight characters. The SAS database is generally an exact representation of the data contained on the NASS master file. The only exceptions are the following:

- Numeric variables for which 9, 99, etc. represent "unknown" are recoded to the SAS special missing value .U ("dot-u") and are not included in percentage tabulations;

- The value of 95 ("test refused") for Alcohol Test Result For Driver (ALCTEST) has been recoded to .B; the value of 96 ("none given") has been recoded to .C; the value of 97 ("performed, results unknown") has been recoded to .D; the value of 98 ("no driver present") has been recoded to .E; and the value of 99 ("unknown") has been recoded to .U; these values are not included in percentage tabulations;

- Missing data for numeric values are recoded as "." in SAS and are not included in percentage tabulations;

- Values for derived variables which cannot be computed due to conditions where a form is not completed, e.g., non CDS applicable vehicle have been recoded to .N ("not coded");

- Hour of Day (Time) is stored as a SAS time value and has an output format of HHMM5.

PSU NUMBER (PSU), CASE NUMBER-STRATUM (CASEID) and CASE SEQUENCE NUMBER (CASENO) are identical variables across all NASS records. CASENO is the first three digits of CASEID. Therefore, PSU and either CASENO or CASEID can be used to merge NASS record levels. Similarly, VEHICLE NUMBER (VEHNO) is identical in the General Vehicle, Exterior Vehicle, Interior Vehicle, Occupant Assessment and Occupant Injury record levels and can be used to merge these records in the DATA step.

The remainder of this Section presents the SAS layout for the current year NASS Analysis file. In general, the order of variables in the SAS data sets follows the order of data fields on the master file (and thus the order of items on the data collection forms used by NASS investigation teams). The user can invoke PROC CONTENTS to produce the following list of SAS variables:

```
                          The SAS System                                     1
                                               17:18 Thursday, September 16, 2010

                      The CONTENTS Procedure

                            Directory

       Libref         NASS2009
       Engine         V9
       Physical Name  C:\SAS Files\NASS2009
       File Name      C:\SAS Files\NASS2009


                 Member      File
    #  Name      Type        Size  Last Modified

    1  ACCIDENT  DATA      427008  15Sep10:15:51:25
    2  ACC_DESC  DATA     2040832  15Sep10:15:51:47
    3  EVENT     DATA      480256  15Sep10:15:51:26
    4  GV        DATA     3343360  15Sep10:15:51:30
    5  OA        DATA     2884608  15Sep10:15:51:40
    6  OI        DATA     1401856  15Sep10:15:51:42
    7  PERS_PRO  DATA     1401856  15Sep10:15:51:45
    8  TYP_ACC   DATA      517120  15Sep10:15:51:43
    9  VE        DATA     1393664  15Sep10:15:51:32
   10  VEH_PRO   DATA      934912  15Sep10:15:51:49
   11  VI        DATA     1295360  15Sep10:15:51:35
```

The CONTENTS Procedure

Data Set Name	NASS2009.ACCIDENT	Observations	5200
Member Type	DATA	Variables	22
Engine	V9	Indexes	0
Created	Wed, Sep 15, 2010 03:51:25 PM	Observation Length	80
Last Modified	Wed, Sep 15, 2010 03:51:25 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	Default		

Engine/Host Dependent Information

Data Set Page Size	8192
Number of Data Set Pages	52
First Data Page	1
Max Obs per Page	101
Obs in First Data Page	56
Number of Data Set Repairs	0
File Name	C:\SAS Files\NASS2009\accident.sas7bdat
Release Created	8.0202M0
Host Created	WIN_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	AAIS	Num	3	MAXIMUM KNOWN AIS IN ACCIDENT
21	ADMINSS	Num	3	ADMINISTRATIVE USE
2	AINJSER	Num	3	NUMBER OF SERIOUSLY INJURED OCCUPANTS
3	AINJURED	Num	3	TOTAL NUMBER OF INJURED OCCUPANTS
4	ALCINV	Num	3	ALCOHOL INVOLVED IN ACCIDENT
5	ATREAT	Num	3	MAXIMUM TREATMENT IN ACCIDENT
6	CASEID	Char	4	CASE NUMBER - STRATUM
7	CASENO	Num	3	CASE SEQUENCE NUMBER
8	DAYWEEK	Num	3	DAY OF WEEK OF ACCIDENT
9	DRGINV	Num	3	DRUG INVOLVED
10	EVENTS	Num	3	NUMBER OF RECORDED EVENTS IN ACCIDENT
11	MANCOLL	Num	3	MANNER OF COLLISION
12	MONTH	Num	3	MONTH OF ACCIDENT
13	NATWGT	Num	8	NATIONAL INFLATION FACTOR
14	PSU	Num	3	PRIMARY SAMPLING UNIT NUMBER
15	PSUSTRAT	Num	3	PRIMARY SAMPLING UNIT STRATIFICATION
16	RATWGT	Num	8	RATIO INFLATION FACTOR
17	STRATIF	Char	1	CASE STRATUM
18	TIME	Num	4	TIME OF ACCIDENT
19	VEHFORMS	Num	3	NUMBER GENERAL VEHICLE FORMS SUBMITTED
22	VERSION	Num	3	VERSION NUMBER
20	YEAR	Num	3	YEAR OF ACCIDENT

The CONTENTS Procedure

Data Set Name	NASS2009.ACC_DESC	Observations	20819
Member Type	DATA	Variables	7
Engine	V9	Indexes	0
Created	Wed, Sep 15, 2010 03:51:45 PM	Observation Length	97
Last Modified	Wed, Sep 15, 2010 03:51:45 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	Default		

Engine/Host Dependent Information

Data Set Page Size	8192
Number of Data Set Pages	249
First Data Page	1
Max Obs per Page	84
Obs in First Data Page	65
Number of Data Set Repairs	0
File Name	C:\SAS Files\NASS2009\acc_desc.sas7bdat
Release Created	8.0202M0
Host Created	WIN_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
6	CASEID	Char	4	CASE NUMBER - STRATUM
3	CASENO	Num	3	CASE SEQUENCE NUMBER
5	LINENO	Num	3	LINE NUMBER
2	PSU	Num	3	PRIMARY SAMPLING UNIT NUMBER
4	STRATIF	Char	1	CASE STRATUM
1	TEXT71	Char	80	SUMMARY TEXT
7	VERSION	Num	3	VERSION NUMBER

The CONTENTS Procedure

Data Set Name	NASS2009.EVENT	Observations	9742
Member Type	DATA	Variables	14
Engine	V9	Indexes	0
Created	Wed, Sep 15, 2010 03:51:25 PM	Observation Length	48
Last Modified	Wed, Sep 15, 2010 03:51:25 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	Default		

Engine/Host Dependent Information

Data Set Page Size	4096
Number of Data Set Pages	117
First Data Page	1
Max Obs per Page	84
Obs in First Data Page	28
Number of Data Set Repairs	0
File Name	C:\SAS Files\NASS2009\event.sas7bdat
Release Created	8.0202M0
Host Created	WIN_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ACCSEQ	Num	3	ACCIDENT EVENT SEQUENCE NUMBER
2	CASEID	Char	4	CASE NUMBER - STRATUM
3	CASENO	Num	3	CASE SEQUENCE NUMBER
5	CLASS1	Num	3	CLASS OF FIRST VEHICLE
4	CLASS2	Num	3	CLASS OF OTHER VEHICLE
6	GADEV1	Char	1	GENERAL AREA OF DAMAGE FIRST VEHICLE
7	GADEV2	Char	1	GENERAL AREA OF DAMAGE OTHER VEHICLE
9	NATWGT	Num	8	NATIONAL INFLATION FACTOR
8	OBJCONT	Num	3	OTHER VEHICLE NUMBER OR OBJECT CONTACTED
10	PSU	Num	3	PRIMARY SAMPLING UNIT NUMBER
11	RATWGT	Num	8	RATIO INFLATION FACTOR
12	STRATIF	Char	1	CASE STRATUM
13	VEHNUM	Num	3	VEHICLE NUMBER
14	VERSION	Num	3	VERSION NUMBER

The CONTENTS Procedure

Data Set Name	NASS2009.GV	Observations	9548
Member Type	DATA	Variables	102
Engine	V9	Indexes	0
Created	Wed, Sep 15, 2010 03:51:26 PM	Observation Length	344
Last Modified	Wed, Sep 15, 2010 03:51:26 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	Default		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	204
First Data Page	1
Max Obs per Page	47
Obs in First Data Page	9
Number of Data Set Repairs	0
File Name	C:\SAS Files\NASS2009\gv.sas7bdat
Release Created	8.0202M0
Host Created	WIN_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ACCSEQDV	Num	3	ACCIDENT SEQUENCE NO FOR HIGHEST DELTA V
2	ACCTYPE	Num	3	ACCIDENT TYPE
3	ALCTEST	Num	3	ALCOHOL TEST RESULT FOR DRIVER
45	ALIGNMNT	Num	3	ROADWAY ALIGNMENT
5	ANGOTHER	Num	3	HEADING ANGLE FOR OTHER VEHICLE
4	ANGTHIS	Num	3	HEADING ANGLE FOR THIS VEHICLE
87	ANTILOCK	Num	3	ANTILOCK BRAKES
7	BAREQSP	Num	3	BARRIER EQUIVALENT SPEED
8	BODYTYPE	Num	3	VEHICLE BODY TYPE
91	CARBUR	Char	1	CARBURETION
9	CARGOWGT	Num	3	VEHICLE CARGO WEIGHT
10	CASEID	Char	4	CASE NUMBER - STRATUM
11	CASENO	Num	3	CASE SEQUENCE NUMBER
6	CLIMATE	Num	3	WEATHER
12	CONDTREE	Num	3	POST COLLISION CONDITION OF TREE OR POLE
13	CURBWGT	Num	4	VEHICLE CURB WEIGHT
96	DAYRUNLT	Char	1	DAYLIGHT RUNNING LIGHTS
15	DOCTRAJ	Num	3	DOCUMENTATION OF TRAJECTORY DATA
17	DRINKING	Num	3	POLICE REPORTED ALCOHOL PRESENCE
16	DRIVDIST	Num	3	DRIVER'S DISTRACTION/INATTENTION TO DRIVING
18	DRPRES	Num	3	DRIVER PRESENCE IN VEHICLE
75	DRUGS	Num	3	REPORTED OTHER DRUG
19	DRZIP	Num	4	DRIVER'S ZIP CODE
20	DVBASIS	Num	3	BASIS FOR TOTAL DELTA V (HIGHEST)
21	DVCONFID	Num	3	CONFIDENCE IN RECONSTRUCTION
14	DVEST	Num	3	ESTIMATED HIGHEST DELTA V

The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
22	DVLAT	Num	3	LATERAL COMPONENT OF DELTA V
23	DVLONG	Num	3	LONGITUDINAL COMPONENT OF DELTA V
24	DVTOTAL	Num	3	TOTAL DELTA V
25	ENERGY	Num	4	ENERGY ABSORPTION
26	ETHNICIT	Num	3	ETHNICITY
89	FOURWHDR	Char	1	FOUR WHEEL DRIVE
27	FOVERIDE	Num	3	FRONT OVERRIDE/UNDERRIDE THIS VEHICLE
88	FRTWHLDR	Char	1	FRONT WHEEL DRIVE
92	FUELCODE	Char	1	FUEL CODE
28	IMPACTSP	Num	3	IMPACT SPEED
29	INSPTYPE	Num	3	TYPE OF VEHICLE INSPECTION
56	INTEROLL	Num	3	INTERRUPTED ROLLOVER
30	LANES	Num	3	NUMBER OF LANES
31	LGTCOND	Num	3	LIGHT CONDITIONS
32	MAKE	Num	3	VEHICLE MAKE
33	MANEUVER	Num	3	ATTEMPTED AVOIDANCE MANEUVER
78	MCYCLDS	Num	4	MOTORCYCLE ENGINE DISPLACEMENT
34	MODEL	Num	3	VEHICLE MODEL
35	MODELYR	Num	4	VEHICLE MODEL YEAR
36	NATWGT	Num	8	NATIONAL INFLATION FACTOR
37	OCCFORMS	Num	3	NUMBER OF OCCUPANT FORMS SUBMITTED
38	OCUPANTS	Num	3	NUMBER OF OCCUPANTS THIS VEHICLE
40	PREEVENT	Num	3	INITIAL CRITICAL (PRECRASH) EVENT
42	PREILOC	Num	3	PRE-IMPACT LOCATION
43	PREISTAB	Num	3	PRE-IMPACT STABILITY
41	PREMOVE	Num	3	PRE-EVENT MOVEMENT PRIOR REC CRIT EVENT
47	PROFILE	Num	3	ROADWAY PROFILE
55	PROLLMAN	Num	3	PRE ROLLOVER MANEUVER
44	PSU	Num	3	PRIMARY SAMPLING UNIT NUMBER
49	RACE	Num	3	RACE
39	RATWGT	Num	8	RATIO INFLATION FACTOR
50	RELINTER	Num	3	RELATION TO JUNCTION
90	RESTYPE	Char	1	RESTRAINT TYPE
51	ROLINDIR	Num	3	DIRECTION OF INITIAL ROLL
52	ROLINLOC	Num	3	LOCATION OF ROLLOVER
53	ROLINTYP	Num	3	ROLLOVER INITIATION TYPE
57	ROLLDIST	Num	3	ESTIMATED DISTANCE OF ROLLOVER
54	ROLLOBJ	Num	3	ROLLOVER INITIATION OBJECT CONTACTED
58	ROLLOVER	Num	3	ROLLOVER
84	ROOF1	Num	3	ROOF
85	ROOF2	Num	3	OPTIONAL ROOF 1
86	ROOF3	Num	3	OPTIONAL ROOF 2
59	ROVERIDE	Num	3	REAR OVERRIDE/UNDERRIDE THIS VEHICLE
82	SERTR	Char	3	VIN SERIES TRUCK
60	SPECOTH	Num	3	OTHER DRUG: SPECIMEN TEST RESULTS
61	SPLIMIT	Num	3	SPEED LIMIT
62	STRATIF	Char	1	CASE STRATUM
46	SURCOND	Num	3	ROADWAY SURFACE CONDITION
48	SURTYPE	Num	3	ROADWAY SURFACE TYPE
63	TOWHITCH	Num	3	TOWED TRAILING UNIT
64	TOWPAR	Num	3	POLICE REPORTED VEHICLE DISPOSITION

The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
65	TRAFCONT	Num	3	TRAFFIC CONTROL DEVICE
69	TRAFFLOW	Num	3	TRAFFICWAY FLOW
66	TRANSTAT	Num	3	TRANSPORT STATUS
68	TRAVELSP	Num	3	POLICE REPORTED TRAVEL SPEED
67	TRCTLFCT	Num	3	TRAFFIC CONTROL DEVICE FUNCTIONING
70	TRIPLOC	Num	3	LOC. ON VEH. WHERE INIT TRIP FORCE APPL
102	VAIS	Num	8	MAXIMUM KNOWN AIS IN THIS VEHICLE
71	VEHNO	Num	3	VEHICLE NUMBER
94	VEHTYPE	Char	1	TYPE OF VEHICLE
72	VEHUSE	Num	3	VEHICLE SPECIAL USE
79	VEHWGT	Num	4	VIN VEHICLE WEIGHT
76	VERSION	Num	3	VERSION NUMBER
73	VIN	Char	12	VEHICLE IDENTIFICATION NUMBER
81	VINAMOD	Char	3	VIN MODEL CARS AND TRUCKS
83	VINBT	Char	2	VIN BODY TYPE
99	VINJSER	Num	8	NUMBER SERIOUSLY INJURED IN THIS VEHICLE
100	VINJURED	Num	8	NUMBER INJURED IN THIS VEHICLE
74	VINLNGTH	Num	3	VIN LENGTH
80	VINMAKE	Char	4	VIN MAKE
77	VINMODYR	Num	4	VIN MODEL YEAR
101	VTREAT	Num	8	MAXIMUM TREATMENT IN THIS VEHICLE
93	WGTCDTR	Num	3	TRUCK WEIGHT CODE
95	WHLDRWHL	Num	3	NUMBER WHEELS/NUMBER OF DRIVE WHEELS
98	otbdytyp	Num	3	BODY TYPE OF THE OTHER VEHICLE
97	otvehwgt	Num	4	WEIGHT OF THE OTHER VEHICLE

The CONTENTS Procedure

Data Set Name	NASS2009.OA	Observations	11027
Member Type	DATA	Variables	81
Engine	V9	Indexes	0
Created	Wed, Sep 15, 2010 03:51:35 PM	Observation Length	256
Last Modified	Wed, Sep 15, 2010 03:51:35 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	Default		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	176
First Data Page	1
Max Obs per Page	63
Obs in First Data Page	20
Number of Data Set Repairs	0
File Name	C:\SAS Files\NASS2009\oa.sas7bdat
Release Created	8.0202M0
Host Created	WIN_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ABELTAVL	Num	3	AUTOMATIC BELT SYSTEM AVAILABILITY/FUNC
2	ABELTUSE	Num	3	AUTOMATIC BELT (PASSIVE) SYSTEM USE
3	ABELTYPE	Num	3	AUTOMATIC (PASSIVE) BELT SYSTEM TYPE
4	ABLTFAIL	Num	3	AUTOMATIC (PASSIVE) BELT SYSTEM FAILURE
5	AGE	Num	3	AGE OF OCCUPANT
6	BAGAVAIL	Num	3	AIR BAG SYSTEM AVAILABILITY
50	BAGAVOTH	Num	3	OTHER FRONTAL AIR BAG AVAILABILITY/FUNCTION
7	BAGAVRPT	Num	3	POLICE REPORTED AIRBAG AVAILABILITY/FUNCTION
19	BAGCDC	Num	3	CDC FOR AIR BAG DEPLOYMENT IMPACT
10	BAGDAMAG	Num	3	WAS THERE DAMAGE TO THE AIR BAG
65	BAGDAMSO	Num	3	SOURCE OF AIR BAG DAMAGE
8	BAGDEPLY	Num	3	AIR BAG SYSTEM DEPLOYED
51	BAGDEPOT	Num	3	OTHER AIR BAG SYSTEM DEPLOYMENT
9	BAGEVENT	Num	3	AIR BAG DEPLOYMENT ACCIDENT EVENT SEQUENCE NUMBER
11	BAGFAIL	Num	3	AIR BAG SYSTEM FAILURE
32	BAGFLDAM	Num	3	WERE AIR BAG MODULE COVER FLAPS DAMAGED
33	BAGFLOPN	Num	3	DID AIR BAG MODULE COVER FLAPS OPEN AT DESG TEAR PTS
40	BAGMAINT	Num	3	PRIOR MAINTENANCE/SERVICE ON AIR BAG
12	BAGTYPE	Num	3	TYPE OF AIR BAG
13	BELTANCH	Num	3	SHOULDER BELT UPPER ANCHORAGE ADJUSTMENT
54	BELTSOU	Num	3	PRIMARY SOURCE OF BELT USE DETERMINATION
80	BICARB	Num	3	ARTERIAL BLOOD GASES (ABG) HCO3
79	BLOOD	Num	3	WAS THE OCCUPANT GIVEN BLOOD?
14	CASEID	Char	4	CASE NUMBER - STRATUM
15	CASENO	Num	3	CASE SEQUENCE NUMBER
16	CAUSE1	Num	3	1ST MEDICALLY REPORTED CAUSE OF DEATH

The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
17	CAUSE2	Num	3	2ND MEDICALLY REPORTED CAUSE OF DEATH
18	CAUSE3	Num	3	3RD MEDICALLY REPORTED CAUSE OF DEATH
20	CHHARNES	Num	3	CHILD SAFETY SEAT HARNESS USAGE
21	CHMAKE	Num	3	CHILD SAFETY SEAT MAKE/MODEL
22	CHORIENT	Num	3	CHILD SAFETY SEAT ORIENTATION
23	CHSHIELD	Num	3	CHILD SAFETY SEAT SHIELD USAGE
24	CHTETHER	Num	3	CHILD SAFETY SEAT TETHER USAGE
25	CHTYPE	Num	3	TYPE OF CHILD SAFETY SEAT
75	CHUSED	Num	3	WAS CHILD SEAT USED?
26	DEATH	Num	3	TIME TO DEATH
27	DVBAG	Num	3	LONGITUDINAL COMPONENT OF DELTA V FOR AIR BAG
28	EJCTAREA	Num	3	EJECTION AREA
29	EJCTMED	Num	3	EJECTION MEDIUM
30	EJECTION	Num	3	EJECTION
31	ENTRAP	Num	3	ENTRAPMENT
47	EYEWEAR	Num	3	WAS THE OCCUPANT WEARING EYE-WEAR
53	FETALDOA	Num	3	FETAL MORTALITY
78	GLASGOW	Num	3	GLASGOW COMA SCALE (GCS) SCORE
34	HEADREST	Num	3	HEAD RESTRAINT TYPE/DAMAGE BY OCCUPANT
35	HEIGHT	Num	3	HEIGHT OF OCCUPANT
36	HOSPSTAY	Num	3	HOSPITAL STAY
37	INJNUM	Num	3	NUMBER RECORDED INJURIES THIS OCCUPANT
38	INJSEV	Num	3	INJURY SEVERITY (POLICE RATING)
39	ISS	Num	3	INJURY SEVERITY SCORE
41	MAIS	Num	3	MAXIMUM KNOWN OCCUPANT AIS
42	MANAVAIL	Num	3	MANUAL BELT SYSTEM AVAILABILITY
43	MANFAIL	Num	3	MANUAL BELT FAILURE MODE DURING ACCIDENT
44	MANUSE	Num	3	MANUAL BELT SYSTEM USE
46	MEDFACIL	Num	3	TYPE MEDICAL FACILITY INITIAL TREATMENT
45	MEDSTA	Num	3	MEDIUM STATUS (PRIOR TO IMPACT)
48	OCCMOBIL	Num	3	OCCUPANT MOBILITY
49	OCCNO	Num	3	OCCUPANT NUMBER
73	OCCRACE	Num	3	OCCUPANTS RACE
74	OCETHNIC	Num	3	OCCUPANTS ETHNICITY
52	PARUSE	Num	3	POLICE REPORTED RESTRAINT USE
55	POSTURE	Num	3	OCCUPANT'S POSTURE
56	PREVACC	Num	3	HAD VEHICLE BEEN IN PREVIOUS ACCIDENTS
57	PSU	Num	3	PRIMARY SAMPLING UNIT NUMBER
59	RATWGT	Num	8	RATIO INFLATION FACTOR
60	ROLE	Num	3	OCCUPANT'S ROLE
76	ROLLPROT	Num	3	ROLLOVER PROTECTION
61	SEATPERF	Num	3	SEAT PERFORMANCE (THIS POSITION)
62	SEATPOS	Num	3	OCCUPANT'S SEAT POSITION
68	SEATRACK	Num	3	SEAT TRACK ADJUSTED POSITION PRIOR TO IMPACT
63	SEATTYPE	Num	3	SEAT TYPE (THIS OCCUPANT POSITION)
64	SEX	Num	3	OCCUPANT'S SEX
66	STBACINC	Num	3	SEAT BACK INCLINE PRIOR AND POST IMPACT
77	STORIENT	Num	3	SEAT ORIENTATION (THIS OCCUPANT POS.)
67	STRATIF	Char	1	CASE STRATUM
69	TREATMNT	Num	3	TREATMENT - MORTALITY
70	VEHNO	Num	3	VEHICLE NUMBER

The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
81	VERSION	Num	3	VERSION NUMBER
71	WEIGHT	Num	3	OCCUPANT'S WEIGHT
72	WORKDAYS	Num	3	WORKING DAYS LOST
58	nATWGT	Num	8	NATIONAL INFLATION FACTOR

The CONTENTS Procedure

Data Set Name	NASS2009.OI	Observations	17173
Member Type	DATA	Variables	24
Engine	V9	Indexes	0
Created	Wed, Sep 15, 2010 03:51:40 PM	Observation Length	80
Last Modified	Wed, Sep 15, 2010 03:51:40 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	Default		

Engine/Host Dependent Information

Data Set Page Size	8192
Number of Data Set Pages	171
First Data Page	1
Max Obs per Page	101
Obs in First Data Page	54
Number of Data Set Repairs	0
File Name	C:\SAS Files\NASS2009\oi.sas7bdat
Release Created	8.0202M0
Host Created	WIN_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	AIS	Num	3	A.I.S. SEVERITY
2	ASPECT90	Num	3	ASPECT90
3	CASEID	Char	4	CASE NUMBER - STRATUM
4	CASENO	Num	3	CASE SEQUENCE NUMBER
5	DIRINJ	Num	3	DIRECT/INDIRECT INJURY
6	INJLEVEL	Num	3	INJURY LEVEL
7	INJNO	Num	3	INJURY NUMBER
8	INJSOU	Num	3	INJURY SOURCE
9	INTRUNO	Num	3	OCCUPANT AREA INTRUSION NO.
10	OCCNO	Num	3	OCCUPANT NUMBER
11	PSU	Num	3	PRIMARY SAMPLING UNIT NUMBER
13	RATWGT	Num	8	RATIO INFLATION FACTOR
14	REGION90	Num	3	BODY REGION (O.I.C. - A.I.S.)
15	SOUCON	Num	3	INJURY SOURCE CONFIDENCE LEVEL
16	SOUDAT	Num	3	SOURCE OF INJURY DATA
17	STRATIF	Char	1	CASE STRATUM
18	STRUSPEC	Num	3	SPECIFIC ANATOMIC STRUCTURE
19	STRUTYPE	Num	3	TYPE OF ANATOMIC STRUCTURE
20	VEHNO	Num	3	VEHICLE NUMBER
21	VERSION	Num	3	VERSION NUMBER
23	bodyreg	Char	1	BODY REGION
24	lesion	Char	1	LESION (A.I.S. - O.I.C.)
12	nATWGT	Num	8	NATIONAL INFLATION FACTOR
22	sysorg	Char	1	SYSTEM/ORGAN (O.I.C. - A.I.S.)

The CONTENTS Procedure

Data Set Name	NASS2009.PERS_PRO	Observations	14285
Member Type	DATA	Variables	7
Engine	V9	Indexes	0
Created	Wed, Sep 15, 2010 03:51:43 PM	Observation Length	97
Last Modified	Wed, Sep 15, 2010 03:51:43 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	Default		

Engine/Host Dependent Information

Data Set Page Size	8192
Number of Data Set Pages	171
First Data Page	1
Max Obs per Page	84
Obs in First Data Page	65
Number of Data Set Repairs	0
File Name	C:\SAS Files\NASS2009\pers_pro.sas7bdat
Release Created	8.0202M0
Host Created	WIN_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
6	CASEID	Char	4	CASE NUMBER - STRATUM
3	CASENO	Num	3	CASE SEQUENCE NUMBER
5	LINENO	Num	3	LINE NUMBER
2	PSU	Num	3	PRIMARY SAMPLING UNIT NUMBER
4	STRATIF	Char	1	CASE STRATUM
1	TEXT91	Char	80	SUMMARY TEXT
7	VERSION	Num	3	VERSION NUMBER

The CONTENTS Procedure

Data Set Name	NASS2009.TYP_ACC	Observations	5200
Member Type	DATA	Variables	7
Engine	V9	Indexes	0
Created	Wed, Sep 15, 2010 03:51:42 PM	Observation Length	97
Last Modified	Wed, Sep 15, 2010 03:51:42 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	Default		

Engine/Host Dependent Information

Data Set Page Size	8192
Number of Data Set Pages	63
First Data Page	1
Max Obs per Page	84
Obs in First Data Page	65
Number of Data Set Repairs	0
File Name	C:\SAS Files\NASS2009\typ_acc.sas7bdat
Release Created	8.0202M0
Host Created	WIN_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
6	CASEID	Char	4	CASE NUMBER - STRATUM
3	CASENO	Num	3	CASE SEQUENCE NUMBER
5	LINENO	Num	3	LINE NUMBER
2	PSU	Num	3	PRIMARY SAMPLING UNIT NUMBER
4	STRATIF	Char	1	CASE STRATUM
1	TEXT66	Char	80	SUMMARY TEXT
7	VERSION	Num	3	VERSION NUMBER

The CONTENTS Procedure

Data Set Name	NASS2009.VE	Observations	7178
Member Type	DATA	Variables	64
Engine	V9	Indexes	0
Created	Wed, Sep 15, 2010 03:51:30 PM	Observation Length	192
Last Modified	Wed, Sep 15, 2010 03:51:30 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	Default		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	85
First Data Page	1
Max Obs per Page	85
Obs in First Data Page	38
Number of Data Set Repairs	0
File Name	C:\SAS Files\NASS2009\ve.sas7bdat
Release Created	8.0202M0
Host Created	WIN_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
1	ACCSEQ1	Num	3	ACCIDENT EVENT SEQUENCE (HIGHEST)
2	ACCSEQ2	Num	3	ACCIDENT EVENT SEQUENCE (2ND HIGHEST)
3	ALTVEH	Num	3	MULTI-STAGE MANUFACTURED/CERT. ALT. VEH.
5	CASEID	Char	4	CASE NUMBER - STRATUM
6	CASENO	Num	3	CASE SEQUENCE NUMBER
7	DIRDAMW	Num	3	DIRECT DAMAGE WIDTH
8	DOCCDC	Num	3	CDCs DOCUMENTED BUT NOT CODED ON FILE?
17	DOF1	Num	3	DIRECTION OF FORCE (HIGHEST)
18	DOF2	Num	3	DIRECTION OF FORCE (2ND HIGHEST)
9	DVC1	Num	3	CRUSH PROFILE C1 (HIGHEST)
10	DVC2	Num	3	CRUSH PROFILE C2 (HIGHEST)
11	DVC3	Num	3	CRUSH PROFILE C3 (HIGHEST)
12	DVC4	Num	3	CRUSH PROFILE C4 (HIGHEST)
13	DVC5	Num	3	CRUSH PROFILE C5 (HIGHEST)
14	DVC6	Num	3	CRUSH PROFILE C6 (HIGHEST)
15	DVD	Num	3	CRUSH PROFILE D (HIGHEST)
16	DVL	Num	3	CRUSH PROFILE L (HIGHEST)
20	EXTENT1	Num	3	DEFORMATION EXTENT (HIGHEST)
21	EXTENT2	Num	3	DEFORMATION EXTENT (2ND HIGHEST)
24	FIRE	Num	3	FIRE OCCURRENCE
25	FIREORIG	Num	3	ORIGIN OF FIRE
22	FUELCAP1	Num	3	LOCATION OF FUEL TANK-1 FILLER CAP
23	FUELCAP2	Num	3	LOCATION OF FUEL TANK-2 FILLER CAP
26	FUELDAM1	Num	3	DAMAGE TO FUEL TANK-1
27	FUELDAM2	Num	3	DAMAGE TO FUEL TANK-2

The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
36	FUELEAK1	Num	3	LEAKAGE LOCATION OF FUEL SYSTEM-1
37	FUELEAK2	Num	3	LEAKAGE LOCATION OF FUEL SYSTEM-2
39	FUELGT2	Num	3	EQUIPPED WITH MORE THAN TWO FUEL TANKS
30	FUELLOC1	Num	3	LOCATION OF FUEL TANK-1
31	FUELLOC2	Num	3	LOCATION OF FUEL TANK-2
32	FUELTNK1	Num	3	TYPE OF FUEL TANK-1
33	FUELTNK2	Num	3	TYPE OF FUEL TANK-2
34	FUELTYP1	Num	3	FUEL TYPE-1
35	FUELTYP2	Num	3	FUEL TYPE-2
28	GAD1	Char	1	DEFORMATION LOCATION (HIGHEST)
29	GAD2	Char	1	DEFORMATION LOCATION (2ND HIGHEST)
38	NATWGT	Num	8	NATIONAL INFLATION FACTOR
40	OBJCONT1	Num	3	OBJECT CONTACTED (HIGHEST)
41	OBJCONT2	Num	3	OBJECT CONTACTED (2ND HIGHEST)
4	ORIGAVTW	Num	3	ORIGINAL AVERAGE TRACK WIDTH
42	PDOF1	Num	3	CLOCK DIRECTION FOR PDOF IN DEGREES (HIGHEST CDC)
43	PDOF2	Num	3	CLOCK DIRECTION FOR PDOF IN DEGREES (2ND HIGHEST CDC)
44	PSU	Num	3	PRIMARY SAMPLING UNIT NUMBER
45	RATWGT	Num	8	RATIO INFLATION FACTOR
46	SDVC1	Num	3	CRUSH PROFILE C1 (2ND HIGHEST)
47	SDVC2	Num	3	CRUSH PROFILE C2 (2ND HIGHEST)
48	SDVC3	Num	3	CRUSH PROFILE C3 (2ND HIGHEST)
49	SDVC4	Num	3	CRUSH PROFILE C4 (2ND HIGHEST)
50	SDVC5	Num	3	CRUSH PROFILE C5 (2ND HIGHEST)
51	SDVC6	Num	3	CRUSH PROFILE C6 (2ND HIGHEST)
52	SDVD	Num	3	CRUSH PROFILE D (2ND HIGHEST)
53	SDVL	Num	3	CRUSH PROFILE L (2ND HIGHEST)
54	SHL1	Char	1	SPECIFIC LONGITUDINAL LOCATION (HIGHEST)
55	SHL2	Char	1	SPECIFIC LONGITUDINAL LOC. (2ND HIGHEST)
56	STRATIF	Char	1	CASE STRATUM
57	SVL1	Char	1	SPECIFIC VERTICAL LOCATION (HIGHEST)
58	SVL2	Char	1	SPECIFIC VERTICAL LOCATION (2ND HIGHEST)
59	TDD1	Char	1	TYPE OF DAMAGE DISTRIBUTION (HIGHEST)
60	TDD2	Char	1	TYPE OF DAMAGE DISTRIBUTION(2ND HIGHEST)
61	TOWRES	Num	3	RESEARCHER ASSESSMNT VEHICLE DISPOSITION
19	UNDENDW	Num	3	UNDEFORMED END WIDTH
62	VEHNO	Num	3	VEHICLE NUMBER
64	VERSION	Num	3	VERSION NUMBER
63	WHEELBAS	Num	8	ORIGINAL WHEELBASE

The CONTENTS Procedure

Data Set Name	NASS2009.VEH_PRO	Observations	9548
Member Type	DATA	Variables	7
Engine	V9	Indexes	0
Created	Wed, Sep 15, 2010 03:51:47 PM	Observation Length	97
Last Modified	Wed, Sep 15, 2010 03:51:47 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	Default		

Engine/Host Dependent Information

Data Set Page Size	8192
Number of Data Set Pages	114
First Data Page	1
Max Obs per Page	84
Obs in First Data Page	65
Number of Data Set Repairs	0
File Name	C:\SAS Files\NASS2009\veh_pro.sas7bdat
Release Created	8.0202M0
Host Created	WIN_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
6	CASEID	Char	4	CASE NUMBER - STRATUM
3	CASENO	Num	3	CASE SEQUENCE NUMBER
5	LINENO	Num	3	LINE NUMBER
2	PSU	Num	3	PRIMARY SAMPLING UNIT NUMBER
4	STRATIF	Char	1	CASE STRATUM
1	TEXT81	Char	80	SUMMARY TEXT
7	VERSION	Num	3	VERSION NUMBER

The CONTENTS Procedure

Data Set Name	NASS2009.VI	Observations	4017
Member Type	DATA	Variables	99
Engine	V9	Indexes	0
Created	Wed, Sep 15, 2010 03:51:33 PM	Observation Length	312
Last Modified	Wed, Sep 15, 2010 03:51:33 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	Default		

Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	79
First Data Page	1
Max Obs per Page	52
Obs in First Data Page	9
Number of Data Set Repairs	0
File Name	C:\SAS Files\NASS2009\vi.sas7bdat
Release Created	8.0202M0
Host Created	WIN_PRO

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
49	ADAPTEQ	Num	3	ADAPTIVE (ASSISTIVE) DRIVING EQUIPMENT
1	CASEID	Char	4	CASE NUMBER - STRATUM
2	CASENO	Num	3	CASE SEQUENCE NUMBER
51	CDRIR1	Num	3	1ST DOMINANT CRUSH DIRECTION
55	CDRIR2	Num	3	2ND DOMINANT CRUSH DIRECTION
59	CDRIR3	Num	3	3RD DOMINANT CRUSH DIRECTION
63	CDRIR4	Num	3	4TH DOMINANT CRUSH DIRECTION
67	CDRIR5	Num	3	5TH DOMINANT CRUSH DIRECTION
71	CDRIR6	Num	3	6TH DOMINANT CRUSH DIRECTION
75	CDRIR7	Num	3	7TH DOMINANT CRUSH DIRECTION
79	CDRIR8	Num	3	8TH DOMINANT CRUSH DIRECTION
83	CDRIR9	Num	3	9TH DOMINANT CRUSH DIRECTION
87	CDRIR10	Num	3	10TH DOMINANT CRUSH DIRECTION
96	COLMTELE	Num	3	TELESCOPING STEERING COLUMN ADJUSTMENT
97	COLMTILT	Num	3	TILT STEERING COLUMN ADJUSTMENT
50	COLUMTYP	Num	3	STEERING COLUMN TYPE
3	FAILLF	Num	3	LF DAMAGE/FAILURE ASSOCIATED W

The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
4	FAILLR	Num	3	LR DAMAGE/FAILURE - OPENING IN COLLISION
5	FAILRF	Num	3	RF DAMAGE/FAILURE - OPENING IN COLLISION
6	FAILRR	Num	3	RR DAMAGE/FAILURE - OPENING IN COLLISION
7	FAILTG	Num	3	TG DAMAGE/FAILURE - OPENING IN COLLISION
8	GLIMPBL	Num	3	BL GLAZING DAMAGE FROM IMPACT FORCES
9	GLIMPLF	Num	3	LF GLAZING DAMAGE FROM IMPACT FORCES
10	GLIMPLR	Num	3	LR GLAZING DAMAGE FROM IMPACT FORCES
11	GLIMPOTH	Num	3	OTHER GLAZING DAMAGE FROM IMPACT FORCES
12	GLIMPRF	Num	3	RF GLAZING DAMAGE FROM IMPACT FORCES
13	GLIMPRR	Num	3	RR GLAZING DAMAGE FROM IMPACT FORCES
14	GLIMPRUF	Num	3	ROOF GLAZING DAMAGE FROM IMPACT FORCES
15	GLIMPWS	Num	3	WS GLAZING DAMAGE FROM IMPACT FORCES
16	GLOCCBL	Num	3	BL GLAZING DAMAGE FROM OCCUPANT CONTACT
17	GLOCCLF	Num	3	LF GLAZING DAMAGE FROM OCCUPANT CONTACT
18	GLOCCLR	Num	3	LR GLAZING DAMAGE FROM OCCUPANT CONTACT
19	GLOCCOTH	Num	3	OTHER GLAZING DAMAGE FROM OCC. CONTACT
20	GLOCCRF	Num	3	RF GLAZING DAMAGE FROM OCCUPANT CONTACT
21	GLOCCRR	Num	3	RR GLAZING DAMAGE FROM OCCUPANT CONTACT
22	GLOCCRUF	Num	3	ROOF GLAZING DAMAGE FROM OCC. CONTACT
23	GLOCCWS	Num	3	WS GLAZING DAMAGE FROM OCCUPANT CONTACT
24	GLPREBL	Num	3	BL WINDOW PRECRASH GLAZING STATUS
25	GLPRELF	Num	3	LF WINDOW PRECRASH GLAZING STATUS
26	GLPRELR	Num	3	LR WINDOW PRECRASH GLAZING STATUS
27	GLPREOTH	Num	3	OTHER WINDOW PRECRASH GLAZING STATUS
28	GLPRERF	Num	3	RF WINDOW PRECRASH GLAZING STATUS
29	GLPRERR	Num	3	RR WINDOW PRECRASH GLAZING STATUS
30	GLPRERUF	Num	3	ROOF WINDOW PRECRASH GLAZING STATUS
31	GLPREWS	Num	3	WS WINDOW PRECRASH GLAZING STATUS
32	GLTYPBL	Num	3	BL TYPE OF WINDOW/WINDSHIELD GLAZING
33	GLTYPLF	Num	3	LF TYPE OF WINDOW/WINDSHIELD GLAZING
34	GLTYPLR	Num	3	LR TYPE OF WINDOW/WINDSHIELD GLAZING
35	GLTYPOTH	Num	3	OTHER TYPE OF WINDOW/WINDSHIELD GLAZING
36	GLTYPRF	Num	3	RF TYPE OF WINDOW/WINDSHIELD GLAZING
37	GLTYPRR	Num	3	RR TYPE OF WINDOW/WINDSHIELD GLAZING
38	GLTYPRUF	Num	3	ROOF TYPE OF WINDOW/WINDSHIELD GLAZING
39	GLTYPWS	Num	3	WS TYPE OF WINDOW/WINDSHIELD GLAZING
53	INCOMP1	Num	3	1ST INTRUDING COMPONENT
57	INCOMP2	Num	3	2ND INTRUDING COMPONENT
61	INCOMP3	Num	3	3RD INTRUDING COMPONENT
65	INCOMP4	Num	3	4TH INTRUDING COMPONENT
69	INCOMP5	Num	3	5TH INTRUDING COMPONENT
73	INCOMP6	Num	3	6TH INTRUDING COMPONENT

The CONTENTS Procedure

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Label
77	INCOMP7	Num	3	7TH INTRUDING COMPONENT
81	INCOMP8	Num	3	8TH INTRUDING COMPONENT
85	INCOMP9	Num	3	9TH INTRUDING COMPONENT
89	INCOMP10	Num	3	10TH INTRUDING COMPONENT
52	INLOC1	Num	3	1ST LOCATION OF INTRUSION
56	INLOC2	Num	3	2ND LOCATION OF INTRUSION
60	INLOC3	Num	3	3RD LOCATION OF INTRUSION
64	INLOC4	Num	3	4TH LOCATION OF INTRUSION
68	INLOC5	Num	3	5TH LOCATION OF INTRUSION
72	INLOC6	Num	3	6TH LOCATION OF INTRUSION
76	INLOC7	Num	3	7TH LOCATION OF INTRUSION
80	INLOC8	Num	3	8TH LOCATION OF INTRUSION
84	INLOC9	Num	3	9TH LOCATION OF INTRUSION
88	INLOC10	Num	3	10TH LOCATION OF INTRUSION
54	INMAG1	Num	3	1ST MAGNITUDE OF INTRUSION
58	INMAG2	Num	3	2ND MAGNITUDE OF INTRUSION
62	INMAG3	Num	3	3RD MAGNITUDE OF INTRUSION
66	INMAG4	Num	3	4TH MAGNITUDE OF INTRUSION
70	INMAG5	Num	3	5TH MAGNITUDE OF INTRUSION
74	INMAG6	Num	3	6TH MAGNITUDE OF INTRUSION
78	INMAG7	Num	3	7TH MAGNITUDE OF INTRUSION
82	INMAG8	Num	3	8TH MAGNITUDE OF INTRUSION
86	INMAG9	Num	3	9TH MAGNITUDE OF INTRUSION
90	INMAG10	Num	3	10TH MAGNITUDE OF INTRUSION
91	NATWGT	Num	8	NATIONAL INFLATION FACTOR
92	ODOMETER	Num	3	ODOMETER READING
40	OPENLF	Num	3	LF DOOR, TAILGATE OR HATCH OPENING
41	OPENLR	Num	3	LR DOOR, TAILGATE OR HATCH OPENING
42	OPENRF	Num	3	RF DOOR, TAILGATE OR HATCH OPENING
43	OPENRR	Num	3	RR DOOR, TAILGATE OR HATCH OPENING
44	OPENTG	Num	3	TG DOOR, TAILGATE OR HATCH OPENING
45	PASINTEG	Num	3	PASSENGER COMPARTMENT INTEGRITY
98	POSTINT	Num	3	POST CRASH INTEGRITY LOSS
46	PSU	Num	3	PRIMARY SAMPLING UNIT NUMBER
93	RATWGT	Num	8	RATIO INFLATION FACTOR
94	RDEFLOC	Num	3	LOCATION STEERING RIM/SPOKE DEFORMATION
95	RIMDEF	Num	3	STEERING RIM/SPOKE DEFORMATION
47	STRATIF	Char	1	CASE STRATUM
48	VEHNO	Num	3	VEHICLE NUMBER
99	VERSION	Num	3	VERSION NUMBER

APPENDIX A

DATA COLLECTION FORMS
(These forms can be found in the NASS Data Collection, Coding and Editing Manual)

APPENDIX B

CODING INFORMATION FOR VEHICLE MAKE/MODEL
(The complete codes can be found in the NASS Data Collection, Coding and Editing Manual)

The primary source of information on vehicle make and model is vehicle inspection; the VIN provides vehicle make data. Secondary sources include the police report and interviews. If the make of the vehicle is known and the model is not known, but the vehicle type (e. g., passenger car) is known, then Vehicle Model is coded as "399" (Unknown automobile). If the make of the vehicle is not known but the body type is known (e.g., a hit-and-run 2-door sedan), then Vehicle Make is coded "99" (Unknown) and Vehicle Model is coded "399" (Unknown automobile). If no information is available for a vehicle, then Vehicle Make and Body Type are coded "99" (Unknown) and Vehicle Model is coded "999" (Unknown).
Vehicle models are organized into general groups. These groups are:

001-397 - Passenger vehicle (automobile)

398 - Other automobile

399 - Unknown automobile

401-490 - Light trucks (including compact and large utility vehicles, utility station wagons, minivans, large vans [includes step vans and van derivatives], compact pickup trucks, and large pickup trucks)

498 - Other light truck

499 - Unknown light truck

701-739 - Motored Cycles/ATCs/ATVs (including motorcycles, mopeds, mini bikes, motor scooters and dirt bikes) (701 - 709 Motorcycles/Mopeds) (731 - 739 ATCs/ATVs)

798 - Other motored cycle

799 - Unknown motored cycle

801-890 - Medium/heavy trucks (includes all trucks over 10,000 lbs. GVWR except some pickup type trucks under Body Type code "31" -Large pickup)

898 - Other medium/heavy truck

899 - Unknown medium/heavy truck

901-983 - Buses

988 - Other bus

989 - Unknown bus

998 - Other vehicle (includes construction equipment, farm vehicles and go-karts)

999 - Unknown vehicle

Within these groups, the model codes for automobiles and light trucks generally are not ordered to give any indication of vehicle size or type. However, the model codes for motored cycles, medium/heavy trucks, buses and other vehicles have specific definition. These definitions are:

Motored Cycles

701 0-50cc
702 51-124cc
703 125-349cc
704 350-449cc
705 450-749cc
706 750cc or greater
709 Unknown cc

All Terrain Cycles/Vehicles

731 0-50cc
732 51-124cc
733 125-349cc
734 350cc or greater
739 Unknown cc

Trucks and Buses

850 M/H truck based motor home
881 Medium/Heavy - CBE
882 Medium/Heavy - COE/low entry
883 Medium/Heavy - COE/high entry
884 Medium/Heavy - Unknown engine location
890 Medium/Heavy - COE entry position unknown
950 Truck based motor home
981 Bus - conventional front engine
982 Bus - front engine/flat front
983 Bus - rear engine/flat front

Other

398 Other automobile
498 Other light truck
798 Other motored cycle
898 Other medium/heavy truck
988 Other bus
998 Other vehicle (farm vehicle, go-kart)

Unknown

399 Unknown automobile
499 Unknown light truck
799 Unknown motored cycle
899 Unknown medium/heavy truck
989 Unknown bus
999 Unknown vehicle

APPENDIX C

MISSING RECORD RULES

Under the NASS Crashworthiness Data System (CDS) the rules for the presence or absence of forms (records) in a crash will depend on whether data exists or has been collected. For example, if a vehicle is not inspected there will not be an Exterior Vehicle record; if an occupant does not have a recorded injury there will not be an Occupant Injury record. In the current year NASS CDS, at least one of each record type will be required for a crash which includes a towed, inspected, CDS applicable vehicle involved in a CDC applicable event (or CDC is blank) with an occupant having a recorded injury, except for vehicles more than 10 years old (i.e. MODEL YEAR < 2000) which will have a partial Occupant Assessment record and no Occupant Injury record. The rules for the presence and absence of each record type and whether partial or complete are as follows:

Accident Record	One, and only one, required for every crash.
Accident Event Record	At least one record required for every crash. One record for each harmful event in the crash sequence.
General Vehicle Record	
Complete Record:	One required for every CDS applicable vehicle (BODYTYPE=01-49).
Partial Record:	(1) One required (completed through variable GV36) for every non CDS applicable vehicle (BODYTYPE=50-99). (2) One required (completed for variables GV01-GV09, GV43, GV44, GV67 & GV70) for every not-in-transport or working vehicle (TRANSTAT=2 or 3).
Exterior Vehicle Record	
Complete Record:	One required for every inspected (INSPTYPE=1-5) CDS applicable vehicle (BODYTYPE=01-49) involved in a CDC applicable event.
Partial Record:	(1) One required for every inspected CDS applicable vehicle not involved in a CDC applicable event (variables EV04-19 will be blank). (2) One required (completed for variables EV01-EV32) for every not-in-transport or working vehicle (TRANSTAT=2 or 3).
Missing Record:	(1) Not inspected (INSPTYPE=0) CDS applicable vehicle. (2) Non CDS applicable vehicle (BODYTYPE=50-99).
Interior Vehicle Record	
Complete Record:	Towed (TOWPAR=1), inspected (INSPTYPE=1-3 or 5), in transport (TRANSTAT=1) CDS applicable vehicle (BODYTYPE=01-49), and model year is less than 10 years old (MODELYR ≥ 2000).
Missing Record:	(1) Towed (TOWPAR=1), not inspected (INSPTYPE=0) CDS applicable vehicle (BODYTYPE=01-49). (2) Not towed (TOWPAR=0 or 9) CDS applicable vehicle. (3) Non CDS applicable vehicle (BODYTYPE=50-99). (4) Not-in-transport or working vehicle (TRANSTAT=2 or 3). (5) Towed (TOWPAR=1), inspected (INSPTYPE=1-3 or 5), CDS applicable vehicle (BODYTYPE=01-49), and model year is greater than 10 years old (MODELYR < 2000).

Occupant Assessment Record

Complete Record: Towed (TOWPAR=1) in transport (TRANSTAT = 1) CDS applicable vehicle (BODYTYPE=01-49), and model year is less than 10 years old (MODELYR ≥ 2000).

Partial Record: Towed (TOWPAR=1), in transport (TRANSTAT = 1), CDS applicable vehicle (BODYTYPE=01-49), and model year is greater than 10 years old (MODELYR < 2000) or Unknown (MODELYR = U). The following variables are completed:

PRIMARY SAMPLING UNIT NUMBER (PSU)
CASE NUMBER - STRATUM (CASEID)
CASE NUMBER (CASENO)
STRATUM (STRATIF)
VERSION NUMBER (VERSION)
VEHICLE NUMBER (VEHNO)
OCCUPANT NUMBER (OCCNO)
OCCUPANT'S AGE (AGE)
OCCUPANT'S HEIGHT (HEIGHT)
OCCUPANT'S WEIGHT (WEIGHT)
OCCUPANT'S SEX (SEX)
FETAL MORTALITY (FETALDOA)
OCCUPANT'S ROLE (ROLE)
OCCUPANT'S RACE (OCCRACE)
OCCUPANT'S ETHNICITY (OCETHNIC)
WAS THIS OCCUPANT WEARING EYE-WEAR? (EYEWEAR)
WAS CHILD SEAT USED? (CHUSED)
POLICE REPORTED BELT USE (PARUSE)
POLICE REPORTED AIR BAG AVAILABILITY/FUNCTION (BAGAVRPT)
INJURY SEVERITY (POLICE RATING) (INJSEV)

Missing Record: (1) Not towed (TOWPAR=0 or 9), CDS applicable vehicle (BODYTYPE = 1-49).
(2) Non CDS applicable vehicle (BODYTYPE=50-99).

Occupant Injury Record

Complete Record: Towed (TOWPAR=1), in transport (TRANSTAT = 1), CDS applicable vehicle (BODYTYPE = 1 to 49), Model Year < 10 years old (MODELYR ≥ 2000) or Unknown (MODELYR = U) with an occupant having a recorded injury (INJNUM=01-96).

Missing Record: (1) Towed (TOWPAR=1), CDS applicable vehicle (BODYTYPE = 1 to 49) < 10 years old (MODELYR ≥ 2000) or Unknown (MODELYR = U), with occupant not having a recorded injury (INJNUM=00, 97, 99).
(2) Towed (TOWPAR=1), CDS applicable vehicle (BODYTYPE=1 to 49) < 10 years old (MODELYR < 2000).
(3) Not towed (TOWPAR=0 or 9), CDS applicable vehicle (BODYTYPE=1 to 49).
(4) Non CDS applicable vehicle (BODYTYPE=50-99).

APPENDIX D

CDC AND DELTA-V

This section gives an overview of the Collision Deformation Classification (CDC) for cars, vans, and light trucks, per SAE J224 MAR 84 in the current year NASS. The CDC codes contain eight characters. If there is no CDC, these codes are left blank. If there is a CDC, these codes are as follows:

Direction of Force (2-character numeric). Sum of Clock Direction and Incremental Value of Shift if both are known. If either is unknown, direction of force is coded "99".

Clock Direction is coded as follows:

00	Non-horizontal force	07	7 o'clock
01	1 o'clock	08	8 o'clock
02	2 o'clock	09	9 o'clock
03	3 o'clock	10	10 o'clock
04	4 o'clock	11	11 o'clock
05	5 o'clock	12	12 o'clock
06	6 o'clock	99	Unknown

Incremental Value of Shift i.e., change in direction of the structure as opposed to crushing of the structure. It is coded as follows:

00	No shift
20	End shift vertical--up; top shift--forward
40	End shift vertical--down; top shift--rearward
60	End or top shift lateral--right
80	End or top shift lateral--left
99	Unknown

Deformation Location (1 character alphanumeric) is coded as follows:

F	Front
R	Right side
L	Left side
B	Back (rear)
T	Top
U	Undercarriage
9	Unknown

Specific Longitudinal or Lateral Location (1 character alphanumeric) is coded as follows:

Horizontal Impacts		Top or Undercarriage	
D	Distributed--side or end	D	Distributed (F+P+B)
L	Left--front or rear	F	Front Section
C	Center--front or rear	P	Center Section
R	Right--front or rear	B	Rear Section
F	Side front--left or right	Y	F+P
P	Side center section--L or R	Z	P+B
B	Side rear--left or right	9	Unknown
Y	Side (F + P) or end (L + C)		
Z	Side (P + B) or end (C + R)		
9	Unknown		

Specific Vertical or Lateral Location (1 character alphanumeric) is coded as follows:

Vertical - Front, Rear, or Side Impacts

A	All
H	Top of frame to top
E	Everything below belt line
G	Belt line and above
M	Middle--top of frame to belt line or hood
L	Frame--top of frame, frame, bottom of frame (including undercarriage)
W	Below undercarriage level (wheel and tires only)
9	Unknown

Lateral - Top and Undercarriage Impacts

D	Distributed
L	Left
C	Center
R	Right
Y	Left and Center (L + C)
Z	Right and Center (R + C)
9	Unknown

Type of Damage Distribution (1 character alphanumeric) is coded as follows:

W	Wide impact area	E	Corner
N	Narrow impact area	K	Conversion in impact type
S	Sideswipe	U	No residual deformation
O	Rollover (including side)	9	Unknown
A	Overhanging structure		

Deformation Extent Guide (2 character alphanumeric) is coded as follows:

01	One	06	Six
02	Two	07	Seven
03	Three	08	Eight
04	Four	09	Nine
05	Five	99	Unknown

Delta-V.

NASS-CDS uses a computer model that provides a measure of crash severity in terms of delta-v. In vehicle-to-vehicle crashes, the model assumes that the two vehicles approach each other at an impact velocity, reach a common velocity, and then separate. Delta-v is equal to the impact velocity minus the separation velocity. Other factors being equal, the greater the delta-v during a collision, the greater the potential for occupant injury.

Delta-V = Impact Velocity – Separation Velocity

The direction of the vector is determined by the investigator as the direction of principal force. For each vehicle, the components of its Delta-V are obtained by projecting on the longitudinal and lateral axes of that vehicle.

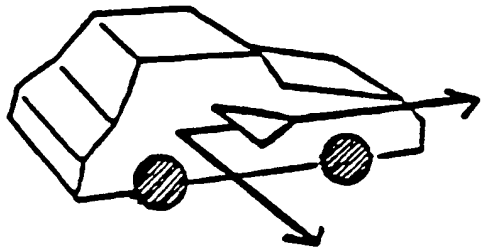

Figure D-1

Figure D-1 shows the positive direction of the longitudinal and lateral components of Delta-V. For example, in a head-on collision, a vehicle is decelerated and the initial high positive longitudinal velocity is reduced; thus it will have a negative longitudinal Delta-V.

APPENDIX E

SELECTED COUNTS

Users of the NASS Analysis file occasionally have requested that the manual include total counts for certain NASS statistics. These counts may help assure that the users are accessing the desired NASS tape. Further, such counts help to identify the source of apparent anomalies.

For this edition of the User's Manual, the following counts have been identified as potentially the most useful:

Total Number of Type Accident Records.....	5,200
Total Number of Accident Description Records.....	20,819
Total Number of Vehicle Profile Records.....	9,548
Total Number of Person Profile Records.....	14,285
Total Number of Accident Records.....	5,200
Total Number of Accident Event Records.....	9,742
Total Number of General Vehicle Records.....	9,548
Total Number of Exterior Vehicle Records.....	7,178
Total Number of Interior Vehicle Records.....	4,017
Total Number of Occupant Assessment Records.....	11,027
Total Number of Occupant Injury Records.....	17,173

APPENDIX F

PSU DEMOGRAPHIC DATA

(1) PSU Codes
(2) PSU Description
(3) Population (2000 & 1990)
(4) Land Area (Square Miles)
(5) Population (by Age Group)
(6) Number of Workers and Means of Transportation to Work
(7) Number of Housing Units and Vehicles Available

Demographics data on the 24 PSUs are included to give researchers supplementary information on the nature of the PSUs when analyzing NASS data.

All data was taken from 2000 U.S. Census figures available at **http://factfinder.census.gov** .

POPULATION
Table GCT-PH1 of the Census 2000 Summary File 1 (SF1) - Population, Housing Units, Area, and Density: 2000.

POPULATION BY AGE GROUP
Table DP-1 of the Census 2000 Summary File 1 (SF1) - Profile of General Demographic Characteristics: 2000.

WORKERS AND MEANS OF TRANSPORTATION TO WORK
Table DP-3 of the Census 2000 Summary File 3 (SF3) - Sample Data - Profile of Selected Economic Characteristics: 2000.

HOUSING UNITS AND AVAILABILITY
Table H44 of the Census 2000 Summary File (SF3) - Sample Data - Tenure By Vehicles Available - Universe: Occupied housing units.

PRIMARY SAMPLING UNIT (PSU) CODES AND DESCRIPTION

VALUES	STRATA	DESCRIPTION
03, 06, 41, 49, 72, 74, 79, 82	1	Central City, one of the 60 largest SMSAs
05, 08, 09, 12, 45, 73, 75, 81	2	Suburban, one of the 17 - 60th largest SMSAs or PSU within 61st - 119th largest SMSAs either containing or not containing a central city.
02, 04, 11, 13, 43, 48, 76, 78	3	Other PSU

SMSA – (Standard Metropolitan Statistical Area) – A standard Census Bureau designation of the region around a city in the United States, collected from a variety of sources.

2000 Census: POPULATION

PSU	2000	1990	% Change	Land Area
P02	177,749	165,304	7.5	1,126
P03	2,465,326	2,300,664	7.2	71
P04	510,916	433,203	17.9	636
P05	750,097	678,111	10.6	483
P06	1,517,550	1,585,577	-4.3	136
P08	947,103	966,570	-2.0	675
P09	922,061	830,422	11.0	946
P11	322,895	282,937	14.1	710
P12	436,141	430,459	1.3	640
P13	170,200	158,983	7.1	509
P41	291,754	271,074	7.6	55
P43	627,846	423,380	47.3	832
P45	382,032	335,749	13.8	508
P48	185,701	167,098	11.1	1,947
P49	1,188,580	1,006,877	18.0	331
P72	2,896,016	2,783,726	4.0	228
P73	484,564	475,594	1.9	497
P74	463,585	416,444	11.3	331
P75	531,813	441,500	20.5	922
P76	93,371	74,778	24.9	11,244
P78	179,741	120,739	48.9	10,014
P79	5,362,996	4,948,333	8.4	3,554
P81	1,173,660	991,060	18.4	2,044
P82	563,374	516,259	9.1	84
PSU TOTAL	**22,645,071**	**20,804,841**	**8.8**	**38,523**
USA	**281,421,906**	**248,709,873**	**13.2**	

Table: GCT-PH1. Population, Housing Units, Area, and Density: 2000
Data Set: Census 2000 Summary File 1 (SF 1)

2000 Census: POPULATION BY AGE GROUP

PSU	< 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 44	45 to 64	>= 65
P02	9,758	12,127	12,610	12,070	10,735	9,831	43,000	43,907	23,711
P03	182,599	189,677	182,866	177,281	183,217	197,427	560,887	508,714	282,658
P04	32,181	34,396	33,898	28,690	23,528	25,579	107,397	111,987	113,260
P05	47,290	51,341	52,874	45,759	36,970	45,816	183,068	175,182	111,797
P06	98,161	112,111	112,726	110,701	117,609	114,353	330,421	307,746	213,722
P08	53,747	60,381	63,781	55,840	41,122	50,939	216,582	231,502	173,382
P09	66,543	74,014	70,022	66,485	64,643	67,372	237,205	204,424	71,353
P11	20,130	20,296	19,630	27,987	38,444	27,705	75,935	66,497	26,271
P12	31,622	35,181	33,562	31,279	26,698	28,973	100,435	97,784	50,607
P13	11,675	13,307	13,783	12,679	10,247	10,619	38,717	37,286	21,887
P41	16,293	16,946	16,458	15,730	15,349	20,032	73,539	69,942	47,465
P43	45,142	46,090	43,320	41,020	48,939	55,998	173,074	127,891	46,372
P45	23,371	23,984	23,846	26,976	31,408	27,396	88,561	88,075	48,415
P48	12,041	12,383	12,144	15,965	20,547	13,948	38,755	38,940	20,978
P49	98,785	89,942	79,546	81,733	106,190	126,340	293,702	210,041	102,301
P72	218,522	224,012	200,802	200,962	239,252	280,558	685,909	547,196	298,803
P73	34,639	36,745	35,954	36,423	30,870	30,506	106,668	109,525	63,234
P74	34,293	34,241	34,050	34,145	34,163	36,246	108,314	97,338	50,795
P75	33,549	37,199	39,932	36,952	29,737	34,120	136,634	132,545	51,096
P76	6,428	7,091	7,646	7,374	2,117	2,165	9,265	13,576	10,159
P78	13,679	14,470	14,236	13,177	12,127	10,800	34,217	35,491	31,544
P79	413,077	462,861	432,407	398,292	366,253	400,894	1,401,078	1,156,230	569,544
P81	79,106	86,703	86,567	78,613	65,583	79,986	305,921	277,216	113,965
P82	26,215	24,459	23,425	29,648	51,014	61,809	155,550	123,447	67,807
PSU Totals	**1,608,846**	**1,719,957**	**1,646,085**	**1,585,781**	**1,606,762**	**1,759,412**	**5,504,834**	**4,812,482**	**2,611,126**

Table: DP-1. Profile of General Demographic Characteristics: 2000
Data Set: Census 2000 Summary File 1 (SF 1)

2000 Census: WORKERS AND MEANS OF TRANSPORTATION TO WORK

NOTE: This table will be updated as new Census information is released.

PSU	Workers (16 & Older)	Number Using Car/Truck/Van (drove alone)	% Using Car/Truck/Van (drove alone)	Number Using Car/Truck/Van (carpool)	% Using Car/Truck/Van (carpool)	Number Using Public Transit (incl. taxi)	% Using Public Transit (incl. Taxi)	Number Walked	% Walked	Number Other (incl. Work at home)	% Other
P02	81,726	63,804	78.1%	8,459	10.4%	1,803	2.2%	3,079	3.8%	4,581	5.6%
P03	901,027	202,070	22.4%	72,231	8.0%	517,635	57.4%	78,933	8.8%	30,158	3.4%
P04	209,328	173,156	82.7%	21,991	10.5%	4,071	1.9%	3,220	1.5%	6,890	3.3%
P05	379,832	337,317	88.8%	31,393	8.2%	16,555	4.4%	9,963	2.6%	15,122	4.0%
P06	569,761	280,315	49.2%	73,156	12.8%	144,936	25.4%	51,564	9.1%	14,443	2.5%
P08	582,362	419,829	72.1%	58,512	10.0%	61,085	10.5%	24,006	4.1%	17,773	3.1%
P09	459,392	313,103	68.2%	74,145	16.1%	48,805	10.6%	9,358	2.1%	13,690	3.0%
P11	169,169	128,514	76.0%	14,386	8.5%	5,494	3.2%	12,445	7.4%	6,648	3.9%
P12	187,587	158,120	84.3%	19,845	23.1%	2,319	1.2%	2,307	1.2%	4,838	2.6%
P13	75,376	63,303	84.0%	7,831	10.4%	417	0.6%	1,065	1.4%	2,564	3.4%
P41	134,620	102,834	76.4%	16,339	12.1%	5,471	4.1%	2,880	2.1%	5,750	4.3%
P43	338,602	274,674	81.1%	37,823	11.2%	4,153	1.2%	5,847	1.7%	15,156	4.5%
P45	184,824	156,194	84.5%	17,017	9.2%	1,286	0.7%	4,113	2.2%	5,883	3.2%
P48	81,167	67,797	83.5%	9,074	11.2%	398	0.5%	1,731	2.1%	2,167	2.7%
P49	537,006	380,265	70.8%	95,437	17.8%	29,361	5.5%	10,466	1.9%	20,498	3.8%
P72	1,192,139	597,598	50.1%	172,722	14.5%	310,924	26.1%	67,556	5.7%	43,339	3.7%
P73	208,957	168,666	80.7%	23,566	11.3%	6,707	3.2%	4,136	2.0%	5,517	2.6%
P74	433,600	354,993	81.9%	46,692	10.8%	7,597	1.8%	9,537	2.2%	14,781	3.4%
P75	289,302	230,033	79.5%	28,848	10.0%	9,514	3.3%	3,762	1.3%	17,145	5.9%
P76	31,587	23,353	73.9%	5,280	16.7%	98	0.3%	1,110	3.5%	1,547	4.9%
P78	51,675	49,081	95.0%	9,264	17.9%	588	1.1%	2,678	5.2%	2,015	3.9%
P79	3,858,750	2,714,944	70.4%	582,020	15.1%	254,091	6.6%	113,004	2.9%	163,918	4.2%
P81	911,677	626,576	68.7%	109,573	12.0%	87,298	9.6%	33,137	3.6%	45,441	5.0%
P82	316,493	178,964	56.5%	35,387	11.2%	55,652	17.6%	23,291	7.4%	16,251	5.1%

Table: DP-3. Profile of Selected Economic Characteristics: 2000

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

2000 Census: HOUSING UNITS AND AVAILABILITY

NOTE: This table will be updated as new Census information is released.

PSU	All Occupied Housing Units	Number With No Vehicle Available	% With No Vehicles Available	Number With 1 Vehicle Available	% With 1 Vehicle Available	Number with 2+ Vehicles Available	% With 2+ Vehicles Available
P02	67,499	5,706	9.7%	23,541	34.9%	38,252	56.7%
P03	880,727	501,803	57.0%	291,238	33.1%	87,686	10.0%
P04	200,402	16,574	8.3%	79,234	39.5%	104,594	52.2%
P05	286,098	18,151	6.3%	93,845	32.8%	174,102	60.9%
P06	590,071	210,866	35.7%	248,085	42.1%	131,120	22.2%
P08	537,150	87,279	16.2%	211,896	39.4%	237,975	44.3%
P09	328,278	31,988	9.7%	121,003	36.9%	175,287	53.4%
P11	125,327	8,527	6.8%	45,755	36.5%	71,045	56.7%
P12	169,825	13,305	7.8%	60,404	35.6%	96,116	56.6%
P13	63,330	4,673	7.4%	21,153	33.4%	37,504	59.2%
P41	126,073	15,402	12.2%	62,406	49.5%	50,268	39.9%
P43	242,040	11,818	4.9%	77,582	32.1%	152,640	63.1%
P45	157,872	11,696	7.4%	53,588	33.9%	92,588	58.6%
P48	71,938	6,126	8.5%	24,362	33.9%	41,450	57.6%
P49	451,697	49,163	10.9%	207,737	46.0%	194,797	43.1%
P72	1,061,928	306,336	28.8%	461,677	43.5%	293,908	27.7%
P73	181,633	19,324	10.6%	66,018	36.3%	96,291	53.0%
P74	339,052	31,368	9.3%	126,465	37.3%	181,219	53.4%
P75	208,110	8,390	4.0%	59,792	28.7%	139,928	67.2%
P76	33,373	2,526	7.6%	11,764	35.3%	19,083	57.2%
P78	62,210	4,352	7.0%	25,070	40.3%	32,788	52.7%
P79	3,133,774	393,309	12.6%	1,158,027	37.0%	1,582,438	50.5%
P81	710,916	66,244	9.3%	251,637	35.4%	393,035	55.3%
P82	258,510	42,180	16.3%	109,813	42.5%	106,517	41.2%

Table: H44. TENURE BY VEHICLES AVAILABLE [15] - Universe: Occupied housing units

Data Set: Census 2000 Summary File 3 (SF 3) - Sample Data

APPENDIX G
VARIABLE ATTRIBUTE HISTORY (1996 – 2009)

ACCIDENT DATASET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
ACCIDENT	Maximum Known Ais In Accident	AAIS	AIS	Not Injured	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Minor Injury	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Moderate Injury	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Serious Injury	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Severe Injury	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Critical Injury	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Maximum Injury	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Injured, Unk Sev	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Not Collected	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N
				Unk If Injured	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
ACCIDENT	Administrative Use	ADMINSS	ADMINSS	Not Active	0	0	0	0	0	0	0	0	0	0	0	*	*	*
ACCIDENT	Number of Seriously Injured Occupants	AINJSER		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
ACCIDENT	Total Number of Injured Occupants	AINJURED		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				Not collected	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N
ACCIDENT	Alcohol Involved In Accident	ALCINV	ALCINV	Yes	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				No	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
ACCIDENT	Advanced Occupant Protection Special Study	AOPSS		VALUE	*	*	*	*	*	*	#	#	#	*	*	*	*	*
ACCIDENT	Maximum Treatment In Accident	ATREAT	TREATMNT	No Treatment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Fatal	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Fatal-Rl Disease	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Hospitalized	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Trans/Released	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Treat-Scne-Ntrans	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Treatment-Later	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Treatment-Other	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Trans-Unk Treat	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Not Collected	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
ACCIDENT	Case Number - Stratum	CASEID		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
ACCIDENT	Case Sequence Number	CASENO		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
ACCIDENT	Day Of Week Of Accident	DAYWEEK	DAYWEEK	Sunday	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Monday	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Tuesday	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Wednesday	4	4	4	4	4	4	4	4	4	4	4	4	4	4

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

ACCIDENT DATASET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Thursday	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Friday	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Saturday	7	7	7	7	7	7	7	7	7	7	7	7	7	7
ACCIDENT	Unsafe Driver Actions	DRVRACT	DRVRACT	No	0	0	*	*	*	*	*	*	*	*	*	*	*	*
				Yes	1	1	*	*	*	*	*	*	*	*	*	*	*	*
ACCIDENT	Drug Involved	DRGINV	DRGINV	Yes	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				No	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
ACCIDENT	Number of Recorded Events In Accident	EVENTS		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
ACCIDENT	Impact Fires	FIRESTDY	FIRESTDY	No	0	0	0	0	0	0	0	0	0	0	0	*	*	*
				Yes	1	1	1	1	1	1	1	1	1	1	1	*	*	*
ACCIDENT	Manner of Collision	MANCOLL	MANCOLL	Not Collision	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Rear-End	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Head-On	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Angle	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Sideswipe, Same Dir	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Sideswipe, Opp. Dir	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
ACCIDENT	Month Of Accident	MONTH	MNTH	January	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				February	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				March	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				April	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				May	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				June	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				July	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				August	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				September	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				October	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				November	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				December	12	12	12	12	12	12	12	12	12	12	12	12	12	12
ACCIDENT	National Inflation Factor	NATWGT		VALUE	*	*	*	*	*	*	*	*	#	*	*	*	*	*
ACCIDENT	Pedestrian Crash Data Study	PEDSTUDY	PEDSTUDY	Separate File	0	0	0	0	*	*	*	*	*	*	*	*	*	*
ACCIDENT	Primary Sampling Unit Number	PSU		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
ACCIDENT	Primary Sampling Unit Stratification	PSUSTRAT		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
ACCIDENT	Redesigned Airbag Special Study	RABSS	RABSS	No	*	*	0	0	0	0	*	*	*	*	*	*	*	*

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

ACCIDENT DATASET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Yes	*	*	1	1	1	1	*	*	*	*	*	*	*	*
ACCIDENT	Ratio Inflation Factor	RATWGT		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
ACCIDENT	Ratio Inflation Factor Untrimmed	RATWGT_U		VALUE	*	*	*	*	*	*	*	*	*	#	*	*	*	*
ACCIDENT	Run Off Road Special Study	RUNOFFRD	RUNOFFRD	No	*	0	0	*	*	*	*	*	*	*	*	*	*	*
				Yes	*	1	1	*	*	*	*	*	*	*	*	*	*	*
ACCIDENT	Case Stratum	STRATIF		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
ACCIDENT	Time Of Accident	TIME		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
ACCIDENT	Truck Underride Special Study	TRKURIDE	TRKURIDE	No	*	*	*	0	0	*	*	*	*	*	*	*	*	*
				Yes	*	*	*	1	1	*	*	*	*	*	*	*	*	*
ACCIDENT	Number General Vehicle Forms Submitted	VEHFORMS		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
ACCIDENT	Version Number	VERSION		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
ACCIDENT	Year Of Accident	YEAR	YR	VALUE	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

EVENT DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
EVENT	Accident Event Sequence Number	ACCSEQ	ACCSEQ	No Event/No Cdc	.	.	.	.	.	.	.	.	.	.	.	.	.	.
EVENT	Case Number - Stratum	CASEID		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
EVENT	Case Sequence Number	CASENO		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
EVENT	Class Of First/Other Vehicle	CLASS1, CLASS2	CLASS	Not A Motor Veh	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Subcompact Car	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Compact Car	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Intermediate Car	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Full Size Car	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Largest Size Car	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Unknown Size Car	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unknown Vehicle	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Compact Utility	14	14	14	14	14	14	14	14	14	14	14	14	14	14
				Large Utility	15	15	15	15	15	15	15	15	15	15	15	15	15	15
				Utility Stawagon	16	16	16	16	16	16	16	16	16	16	16	16	16	16
				Utility Unk Body	19	19	19	19	19	19	19	19	19	19	19	19	19	19
				Minivan	20	20	20	20	20	20	20	20	20	20	20	20	20	20
				Large Van	21	21	21	21	21	21	21	21	21	21	21	21	21	21
				Van Based Schbus	24	24	24	24	24	24	24	24	24	24	24	24	24	24
				Other Van Type	28	28	28	28	28	28	28	28	28	28	28	28	28	28
				Unknown Van Type	29	29	29	29	29	29	29	29	29	29	29	29	29	29
				Compact Pickup	30	30	30	30	30	30	30	30	30	30	30	30	30	30
				Large Pickup	31	31	31	31	31	31	31	31	31	31	31	31	31	31
				Other Pickup	38	38	38	38	38	38	38	38	38	38	38	38	38	38
				Unk Pickup Truck	39	39	39	39	39	39	39	39	39	39	39	39	39	39
				Oth Light Truck	45	45	45	45	45	45	45	45	45	45	45	45	45	45
				Unk Light Truck	48	48	48	48	48	48	48	48	48	48	48	48	48	48
				Unk Light Veh	49	49	49	49	49	49	49	49	49	49	49	49	49	49
				School Bus	50	50	50	50	50	50	50	50	50	50	50	50	50	50
				Other Bus	58	58	58	58	58	58	58	58	58	58	58	58	58	58
				Unknown Bus	59	59	59	59	59	59	59	59	59	59	59	59	59	59
				Truck >4500 Kgs	60	60	60	60	60	60	60	60	60	60	60	60	60	60
				Bobtail Tractor	67	67	67	67	67	67	67	67	67	67	67	67	67	67
				Tractor-Trailer	68	68	68	68	68	68	68	68	68	68	68	68	68	68
				Unk Med/Hvy Trk	78	78	78	78	78	78	78	78	78	78	78	78	78	78

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

EVENT DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Unknown Truck	79	79	79	79	79	79	79	79	79	79	79	79	79	79
				Motored Cycle	80	80	80	80	80	80	80	80	80	80	80	80	80	80
				Other Vehicle	90	90	90	90	90	90	90	90	90	90	90	90	90	90
EVENT	General Area Of Damage First/Other Vehic	GADEV1, GADEV2	$GAD	Not A Motor Veh	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Unknown	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Back/Trk Back	B	B	B	B	B	B	B	B	B	B	B	B	B	B
				Rear Of Cab	C	C	C	C	C	C	C	C	C	C	C	C	C	C
				Back Of Tractor	D	D	D	D	D	D	D	D	D	D	D	D	D	D
				Front	F	F	F	F	F	F	F	F	F	F	F	F	F	F
				Left Side	L	L	L	L	L	L	L	L	L	L	L	L	L	L
				Noncollision	N	N	N	N	N	N	N	N	N	N	N	N	N	N
				Right Side	R	R	R	R	R	R	R	R	R	R	R	R	R	R
				Top	T	T	T	T	T	T	T	T	T	T	T	T	T	T
				Undercarriage	U	U	U	U	U	U	U	U	U	U	U	U	U	U
				Fr Of Cargo Area	V	V	V	V	V	V	V	V	V	V	V	V	V	V
EVENT	National Inflation Factor	NATWGT		VALUE	*	*	*	*	*	*	*	*	#	*	*	*	*	*
EVENT	Other Vehicle Number Or Object Contacte	OBJCONT	OBJCONT	No Event/Cdc	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Vehicle No. 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Vehicle No. 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Vehicle No. 3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Vehicle No. 4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Vehicle No. 5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Vehicle No. 6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Vehicle No. 7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Vehicle No. 8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Vehicle No. 9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unk Event/Object	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Vehicle No. 10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				Vehicle No. 11	*	*	11	11	11	11	11	11	11	11	11	11	11	11
				Rollover-Overtrn	31	31	31	31	31	31	31	31	31	31	31	31	31	31
				Rollover-Endover	32	32	32	32	32	32	32	32	32	32	32	32	32	32
				Fire/Explosion	33	33	33	33	33	33	33	33	33	33	33	33	33	33
				Jackknife	34	34	34	34	34	34	34	34	34	34	34	34	34	34
				Intraunit Damage	35	35	35	35	35	35	35	35	35	35	35	35	35	35

Legend for SAS Codes:
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. = blank/missing data

EVENT DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Noncollision Inj	36	36	36	36	36	36	36	36	36	36	36	36	36	36
				Oth Noncollision	38	38	38	38	38	38	38	38	38	38	38	38	38	38
				Unk Noncollision	39	39	39	39	39	39	39	39	39	39	39	39	39	39
				Small Tree	41	41	41	41	41	41	41	41	41	41	41	41	41	41
				Large Tree	42	42	42	42	42	42	42	42	42	42	42	42	42	42
				Bush	43	43	43	43	43	43	43	43	43	43	43	43	43	43
				Embankment	44	44	44	44	44	44	44	44	44	44	44	44	44	44
				Breakaway Pole	45	45	45	45	45	45	45	45	45	45	45	45	45	45
				Metal Guardrail	*	*	*	*	*	*	*	*	*	*	*	*	46	46
				Cable Guardrail	*	*	*	*	*	*	*	*	*	*	*	*	47	47
				Small Pole	50	50	50	50	50	50	50	50	50	50	50	50	50	50
				Medium Pole	51	51	51	51	51	51	51	51	51	51	51	51	51	51
				Large Pole	52	52	52	52	52	52	52	52	52	52	52	52	52	52
				Unk Size Pole	53	53	53	53	53	53	53	53	53	53	53	53	53	53
				Concrete Barrier	54	54	54	54	54	54	54	54	54	54	54	54	54	54
				Impact Atenuator	55	55	55	55	55	55	55	55	55	55	55	55	55	55
				Other Barrier	56	56	56	56	56	56	56	56	56	56	56	56	56	56
				Fence	57	57	57	57	57	57	57	57	57	57	57	57	57	57
				Wall	58	58	58	58	58	58	58	58	58	58	58	58	58	58
				Building	59	59	59	59	59	59	59	59	59	59	59	59	59	59
				Ditch/Culvert	60	60	60	60	60	60	60	60	60	60	60	60	60	60
				Ground	61	61	61	61	61	61	61	61	61	61	61	61	61	61
				Fire Hydrant	62	62	62	62	62	62	62	62	62	62	62	62	62	62
				Curb	63	63	63	63	63	63	63	63	63	63	63	63	63	63
				Bridge	64	64	64	64	64	64	64	64	64	64	64	64	64	64
				Oth Fixed Object	68	68	68	68	68	68	68	68	68	68	68	68	68	68
				Unk Fixed Object	69	69	69	69	69	69	69	69	69	69	69	69	69	69
				Not In Tran Lgtveh	70	70	70	70	70	70	70	70	70	70	70	*	*	*
				Not In Tran Hvyveh	71	71	71	71	71	71	71	71	71	71	71	*	*	*
				Pedestrian	72	72	72	72	72	72	72	72	72	72	72	72	72	72
				Cyclist	73	73	73	73	73	73	73	73	73	73	73	73	73	73
				Oth Nonmotorist	74	74	74	74	74	74	74	74	74	74	74	74	74	74
				Vehicle Occupant	75	75	75	75	75	75	75	75	75	75	75	75	75	75
				Animal	76	76	76	76	76	76	76	76	76	76	76	76	76	76

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EVENT DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Train	77	77	77	77	77	77	77	77	77	77	77	77	77	*
				Railway Vehicle	*	*	*	*	*	*	*	*	*	*	*	*	*	77
				Trailer, Disconn	78	78	78	78	78	78	78	78	78	78	78	78	78	78
				Obj Fell Frm Veh	79	79	79	79	79	79	79	79	79	79	79	79	79	79
				Oth Nonfixed Obj	88	88	88	88	88	88	88	88	88	88	88	88	88	88
				Unk Nonfixed Obj	89	89	89	89	89	89	89	89	89	89	89	89	89	89
				Other Event	98	98	98	98	98	98	98	98	98	98	98	98	98	98
EVENT	Primary Sampling Unit Number	PSU		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
EVENT	Ratio Inflation Factor	RATWGT		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
EVENT	Ratio Inflation Factor Untrimmed	RATWGT_U		VALUE	*	*	*	*	*	*	*	*	*	#	*	*	*	*
EVENT	Case Stratum	STRATIF		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
EVENT	Vehicle Number	VEHNUM		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
EVENT	Version Number	VERSION		VALUE	9	10	11	12	13	14	15	16	17	18	19	20	20	22

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
GV	Accident Sequence No For Highest Delta V	ACCSEQDV		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Accident Type	ACCTYPE		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Alcohol Test Result For Driver	ALCTEST	ALCTEST	Test Refused	.B	.B	.B	.B	.B	.B	.B	.B	.B	.B	.B	.B	.B	.B
				None Given	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C	.C
				Test Results Unknown	.D	.D	.D	.D	.D	.D	.D	.D	.D	.D	.D	.D	.D	.D
				No Driver	.E	.E	.E	.E	.E	.E	.E	.E	.E	.E	.E	.E	.E	.E
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Roadway Alignment	ALIGNMNT	ALIGNMNT	Straight	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Curve Right	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Curve Left	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
	Aops Vehicle	AOPSVEH	AOPSVEH	Non Cds Vehicle	.	.	.	.	.	.	.	.	.	.	*	*	*	*
				No	0	0	0	0	0	0	0	0	0	0	*	*	*	*
				Yes-Res Det	1	1	1	1	1	1	1	1	1	1	*	*	*	*
				Vin Det Air Bag	2	2	2	2	2	2	2	2	2	2	*	*	*	*
				Vin Det Aut Belt	3	3	3	3	3	3	3	3	3	3	*	*	*	*
				Vin Det Bag&belt	4	4	4	4	4	4	4	4	4	4	*	*	*	*
GV	Heading Angle For Other Vehicle	ANGOTHER		Not Collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				Non-horizontal Impact	996	996	996	996	996	996	996	996	996	996	996	996	996	996
				Non-collision	997	997	997	997	997	997	997	997	997	997	997	997	997	997
				Impact with Object	998	998	998	998	998	998	998	998	998	998	998	998	998	998
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Heading Angle For This Vehicle	ANGTHIS		Not Collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				Non-horizontal Impact	996	996	996	996	996	996	996	996	996	996	996	996	996	996
				Non-collision	997	997	997	997	997	997	997	997	997	997	997	997	997	997
				Impact with Object	998	998	998	998	998	998	998	998	998	998	998	998	998	998
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Antilock Brakes	ANTILOCK	ANTILOCK	Not Coded	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Not Available	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				4 Wheel Standard	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Rear Standard	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Abs Standard	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				4 Wheel Optional	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Rear Optional	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Abs Optional	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown(Vinrtn)	*	*	*	*	*	*	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	9	9	9	9	9	9	9	9
	Air Bag Deployment, First Seat Frontal	BAGDEPFV	BAGDEPFV	Not Collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	*	*	*	*
				Nondeployed	1	1	1	1	1	1	1	1	1	1	*	*	*	*
				Dr Bag Deployed	2	2	2	2	2	2	2	2	2	2	*	*	*	*
				Unk Dr Bag Deply	3	3	3	3	3	3	3	3	3	3	*	*	*	*
				Only Dr Bag Depl	4	4	4	4	4	4	4	4	4	4	*	*	*	*
				Only Pas Bag Dep	5	5	5	5	5	5	5	5	5	5	*	*	*	*
				Dr&pas Bag Deply	6	6	6	6	6	6	6	6	6	6	*	*	*	*
				Dr&pas Unk Deply	7	7	7	7	7	7	7	7	7	7	*	*	*	*
				Bag Dep Det Unk	8	8	8	8	8	8	8	8	8	8	*	*	*	*
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	*	*	*	*
	Air Bag Deployment, Other	BAGDEPOV	BAGDEPOV	Not Collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Not Equip W/ Oth	0	0	0	0	0	0	0	0	0	0	*	*	*	*
				Bag Deployed	1	1	1	1	1	1	1	1	1	1	*	*	*	*
				Bag Deploy Inadv	2	2	2	2	2	2	2	2	2	2	*	*	*	*
				Bag Dep Det Unk	3	3	3	3	3	3	3	3	3	3	*	*	*	*
				Bag Deploy-Nocol	4	4	4	4	4	4	4	4	4	4	*	*	*	*
				Unk If Deployed	5	5	5	5	5	5	5	5	5	5	*	*	*	*
				Nondeployed	7	7	7	7	7	7	7	7	7	7	*	*	*	*
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	*	*	*	*
GV	Barrier Equivalent Speed	BAREQSP	BAREQSP	Not Collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Less Than 0.5kph	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				159.5 Kmph+above	160	160	160	160	160	160	160	160	160	160	160	160	160	160
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Vehicle Body Type	BODYTYPE	BODYTYPE	Convertible	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				2dr Sedan/Ht/Cpe	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				3dr/2dr Hatchbak	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				4-Dr Sedan/Hdtop	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				5dr/4dr Hatchbak	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Station Wagon	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Hatchback Dr Unk	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other Automobile	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unk Auto Type	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Not Collected	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N
				Unknown Body Type	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Auto Base Pickup	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				Auto Based Panel	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				Large Limousine	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Three-Wheel Auto	13	13	13	13	13	13	13	13	13	13	13	13	13	13
				Compact Utility	14	14	14	14	14	14	14	14	14	14	14	14	14	14
				Large Utility	15	15	15	15	15	15	15	15	15	15	15	15	15	15

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Utility Stawagon	16	16	16	16	16	16	16	16	16	16	16	16	16	16
				3-Door Coupe	*	*	*	*	*	17	17	17	17	17	17	17	17	17
				Utility Unk Body	19	19	19	19	19	19	19	19	19	19	19	19	19	19
				Minivan	20	20	20	20	20	20	20	20	20	20	20	20	20	20
				Large Van	21	21	21	21	21	21	21	21	21	21	21	21	21	21
				Step Van <10k Lb	22	22	22	22	22	22	22	22	22	22	22	22	22	22
				Van Base Mtrhome	23	23	23	23	23	23	23	23	23	23	23	23	23	23
				Van Based Schbus	24	24	24	24	24	24	24	24	24	24	24	24	24	24
				Van Based Othbus	25	25	25	25	25	25	25	25	25	25	25	25	25	25
				Other Van Type	28	28	28	28	28	28	28	28	28	28	28	28	28	28
				Unknown Van Type	29	29	29	29	29	29	29	29	29	29	29	29	29	29
				Compact Pickup	30	30	30	30	30	30	30	30	30	30	30	30	30	30
				Large Pickup	31	31	31	31	31	31	31	31	31	31	31	31	31	31
				Pickup/Camper	32	32	32	32	32	32	32	32	32	32	32	32	32	32
				Convert Pickup	33	33	33	33	33	33	33	33	33	33	33	33	33	33
				Unk Pickup Truck	39	39	39	39	39	39	39	39	39	39	39	39	39	39
				Cab Chassis	40	40	40	40	40	40	40	40	40	40	40	40	40	40
				Truck Base Panel	41	41	41	41	41	41	41	41	41	41	41	41	41	41
				Lt Trk Motorhome	42	42	42	42	42	42	42	42	42	42	42	42	42	42
				Oth Light Truck	45	45	45	45	45	45	45	45	45	45	45	45	45	45
				Unk Light Truck	48	48	48	48	48	48	48	48	48	48	48	48	48	48
				Unk Light Veh	49	49	49	49	49	49	49	49	49	49	49	49	49	49
				School Bus	50	50	50	50	50	50	50	50	50	50	50	50	50	50
				Other Bus	58	58	58	58	58	58	58	58	58	58	58	58	58	58
				Unknown Bus	59	59	59	59	59	59	59	59	59	59	59	59	59	59
				Step Van >10k Lb	60	60	60	60	60	60	60	60	60	60	60	60	60	60
				Su Truck 10-19.5	61	61	61	61	61	61	61	61	61	61	61	61	61	61
				Su Truck 19.5-26	62	62	62	62	62	62	62	62	62	62	62	62	62	62
				Su Truck >26k Lb	63	63	63	63	63	63	63	63	63	63	63	63	63	63
				Su Truck Gvw Unk	64	64	64	64	64	64	64	64	64	64	64	64	64	64
				Mh Trk Motorhome	65	65	65	65	65	65	65	65	65	65	65	65	65	65
				Bobtail Tractor	67	67	67	67	67	67	67	67	67	67	67	67	67	67
				Trk-Trac 1 Trail	68	68	68	68	68	68	68	68	68	68	68	68	68	68
				Trk-Trac 2 Trail	69	69	69	69	69	69	69	69	69	69	69	69	69	69
				Trk-Tr Unk Trail	70	70	70	70	70	70	70	70	70	70	70	70	70	70
				Med/Hvy Pickup	*	*	*	*	*	74	74	74	74	74	74	74	74	74
				Unk Med/Hvy Trk	78	78	78	78	78	78	78	78	78	78	78	78	78	78
				Unknown Truck	79	79	79	79	79	79	79	79	79	79	79	79	79	79
				Motorcycle	80	80	80	80	80	80	80	80	80	80	80	80	80	80
				Moped	81	81	81	81	81	81	81	81	81	81	81	81	81	81
				3 Wheel Mc/Moped	82	82	82	82	82	82	82	82	82	82	82	82	82	82

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Oth Motored Cycl	88	88	88	88	88	88	88	88	88	88	88	88	88	88
				Unk Motored Cycl	89	89	89	89	89	89	89	89	89	89	89	89	89	89
				ATV and ATC	90	90	90	90	90	90	90	90	90	90	90	90	90	90
				Snowmobile	91	91	91	91	91	91	91	91	91	91	91	91	91	91
				Farm Equipment	92	92	92	92	92	92	92	92	92	92	92	92	92	92
				Construct Equip	93	93	93	93	93	93	93	93	93	93	93	93	93	93
				Other Vehicle Type	97	97	97	97	97	97	97	97	97	97	97	97	97	97
				Not Applicable	98	98	98	98	98	98	98	98	98	98	98	98	98	98
GV	Carburetion	CARBUR		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Vehicle Cargo Weight	CARGOWGT	CARGOWGT	Non CDS Vehicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				Less Than 5 Kg.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Unknown Cargowgt	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				4,500 Kg Or More	450	450	450	450	450	450	450	450	450	450	450	450	450	450
GV	Case Number - Stratum	CASEID		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Case Sequence Number	CASENO		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Weather	CLIMATE	CLIMATE	Unknown	*	*	*	*	*	*	*	*	*	*	*	.U	.U	.U
				Fog-Smog-Smoke	*	*	*	*	*	*	*	*	*	*	*	11	11	11
				Rain	*	*	*	*	*	*	*	*	*	*	*	12	12	12
				Sleet-Hail	*	*	*	*	*	*	*	*	*	*	*	13	13	13
				Snow	*	*	*	*	*	*	*	*	*	*	*	14	14	14
				Blowing Snow	*	*	*	*	*	*	*	*	*	*	*	15	15	15
				Severe Crosswinds	*	*	*	*	*	*	*	*	*	*	*	16	16	16
				Blowing San-Soil-Dirt	*	*	*	*	*	*	*	*	*	*	*	17	17	17
				Clear	*	*	*	*	*	*	*	*	*	*	*	18	18	18
				Cloudy	*	*	*	*	*	*	*	*	*	*	*	19	19	19
				Other	*	*	*	*	*	*	*	*	*	*	*	98	98	98
GV	Post Collision Condition Of Tree Or Pole	CONDTREE	CONDTREE	Non CDS Vehicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No Tree/Pole Col	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Not Damaged	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Cracked/Sheared	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Tilted < 45 Deg	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Tilted >= 45 Deg	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Uprooted Tree	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Separated Pole	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Pole Replaced	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Vehicle Curb Weight	CURBWGT	CURBWGT	Non CDS Vehicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Unknown Curbwgt	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Less Than 450 Kg	45	45	45	45	45	45	45	45	45	45	45	45	45	45

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				6,100 Kg Or More	610	610	610	610	610	610	610	610	610	610	610	610	610	610
				Not Applicable	998	998	998	998	998	998	998	998	998	998	998	998	998	998
GV	Daylight Running Lights	DAYRUNLT	$DAYRUNL	Not Coded	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Unknown	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Not Available	N	N	N	N	N	N	N	N	N	N	N	N	N	N
				Optional	O	O	O	O	O	O	O	O	O	O	O	O	O	O
				Standard	S	S	S	S	S	S	S	S	S	S	S	S	S	S
GV	Documentation Of Trajectory Data	DOCTRAJ	DOCTRAJ	Non CDS Vehicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Yes	1	1	1	1	1	1	1	1	1	1	1	1	1	1
GV	Police Reported Alcohol Presence	DRINKING	DRINKING	No Alcohol	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Alcohol Present	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Not Reported	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				No Driver	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Driver's Distraction/Inattention To Driving	DRIVDIST	DRIVDIST	No Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Attentive	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Look/Did Not See	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Dist By Oth Occ	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Dist/Moving Obj	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Talk/Cell Phone	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Dial/Cell Phone	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Adj Climate Ctl	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Adj Radio/Cd	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Use Obj Integral	9	*	*	*	*	*	*	*	*	*	*	*	*	*
				Use Obj Integral	*	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Use Obj Brought	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				Sleepy	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				Dist By Outside	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Eating/Drinking	13	13	13	13	13	13	13	13	13	13	13	13	13	13
				Smoking Related	14	14	14	14	14	14	14	14	14	14	14	14	14	14
				Dist Details Unk	97	97	97	97	97	97	97	97	97	97	97	97	97	97
				Oth Distraction	98	98	98	98	98	98	98	98	98	98	98	98	98	98
	Front/Rear Wheel Drive	DRIVE	DRIVE	Not Coded	.	.	.	.	.	.	.	.	.	.				
				Rear Wheel Drive	1	1	1	1	1	1	1	1	1	1	*	*	*	*
				Front Wheel Drive	2	2	2	2	2	2	2	2	2	2	*	*	*	*
				Not a Pass. Car	8	8	8	8	8	8	8	8	8	8	*	*	*	*
				Unk-4 Whl Dr Pot	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	*	*	*	*
	Driver's Race/Ethnic Origin	DRRACE	DRRACE	White Non Hispanic	1	1	1	1	1	1	1	1	1	1	1	*	*	*
				Black Non Hispanic	2	2	2	2	2	2	2	2	2	2	2	*	*	*

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				White Hispanic	3	3	3	3	3	3	3	3	3	3	3	*	*	*
				Black Hispanic	4	4	4	4	4	4	4	4	4	4	4	*	*	*
				Amerind/Esk/Alut	5	5	5	5	5	5	5	5	5	5	5	*	*	*
				Asian/Pacific Islander	6	6	6	6	6	6	6	6	6	6	6	*	*	*
				Other	7	7	7	7	7	7	7	7	7	7	7	*	*	*
				No Driver	8	8	8	8	8	8	8	8	8	8	8	*	*	*
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	*	*	*
GV	Driver Presence In Vehicle	DRPRES	DRPRES	Non CDS Vehicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Driver Present	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Reported Other Drug	DRUGS	DRUGS	No Other Drugs	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Yes Other Drugs	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Not Reported	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				No Driver	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Driver's Zip Code	DRZIP		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Basis For Total Delta V (Highest)	DVBASIS	DVBASIS	Non CDS Vehicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No Inspection	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Crash Damage	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Crash Dam/Traj	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Missing Vehicle	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Veh Beyond Scope	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Rollover	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Other Non-Horiz	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Sideswipe	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Severe Override	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Yielding Object	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Overlapping Dam	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				Lack Of Data	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				Other	98	98	98	98	98	98	98	98	98	98	98	98	98	98
GV	Confidence In Reconstruction	DVCONFID	DVCONFID	Non CDS Vehicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No Reconstruct	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Reasonable	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Appear High	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Appear Low	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Borderline	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Estimated Highest Delta V	DVEST	DVEST	Delta V Coded	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Less Than 10kmph	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				>9 And <25 Kmph	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				>24 And <40 Kmph	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				>39 And <55 Kmph	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				>54 Kmph	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Minor	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Moderate	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Severe	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Lateral Component Of Delta V	DVLAT		Not Collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Longitudinal Component Of Delta V	DVLONG		Not Collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Total Delta V	DVTOTAL		Not Collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Energy Absorption	ENERGY		Not Collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				Less than 50 joules	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				999,650 joules or more	9997	9997	9997	9997	9997	9997	9997	9997	9997	9997	9997	9997	9997	9997
GV	Ethnicity	ETHNICIT	ETHNICIT	Hispanic/Latino	*	*	*	*	*	*	*	*	*	*	*	1	1	1
				Not Hispanic/Latino	*	*	*	*	*	*	*	*	*	*	*	2	2	2
				No Driver Present	*	*	*	*	*	*	*	*	*	*	*	8	8	8
GV	Four Wheel Drive	FOURWHDR	$FOURWHD	Not Coded	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Some Veh Of Ser	*	*	*	*	*	*	*	*	*	*	*	*	*	*
				Unknown	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				No	N	N	N	N	N	N	N	N	N	N	N	N	N	N
				Yes	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
GV	Front Override/Underride This Vehicle	FOVERIDE	OVERIDE	Non CDS Vehicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No Over/Underide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Override 1st Cdc	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Override 2nd Cdc	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Override Oth Cdc	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Underide 1st Cdc	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Underide 2nd Cdc	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Underide Oth Cdc	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				M/Hv Trk Overide	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Front Wheel Drive	FRTWHLDR	$FRTWHLD	Not Coded	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Some Veh Of Ser	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Unknown	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				No	N	N	N	N	N	N	N	N	N	N	N	N	N	N
				Yes	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
GV	Fuel Code	FUELCODE	$FUELCDE	Not Coded	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Unknown	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Elec+gas Hybrid	B	B	B	B	B	B	B	B	B	B	B	B	B	B
				Gas Convert	C	C	C	C	C	C	C	C	C	C	C	C	C	C
				Diesel	D	D	D	D	D	D	D	D	D	D	D	D	D	D
				Electric	E	E	E	E	E	E	E	E	E	E	E	E	E	E
				Flexible Fuel	F	F	F	F	F	F	F	F	F	F	F	F	F	F
				Gasoline	G	G	G	G	G	G	G	G	G	G	G	G	G	G
				Ethanol	H	H	H	H	H	H	H	H	H	H	H	H	H	H
				Methanol	M	M	M	M	M	M	M	M	M	M	M	M	M	M
				Compressed Ng	N	N	N	N	N	N	N	N	N	N	N	N	N	N
				Propane	P	P	P	P	P	P	P	P	P	P	P	P	P	P
GV	Impact Speed	IMPACTSP		Not collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				Trajectory algorithm not run	998	998	998	998	998	998	998	998	998	998	998	998	998	998
GV	Type Of Vehicle Inspection	INSPTYPE	INSPTYPE	Non Cds Vehicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No Inspection	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Veh Repaired	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Partial Insp	2	2	2	2	2	2	2	2	2	2	*	*	*	*
				Partial Insp-Other	*	*	*	*	*	*	*	*	*	*	2	2	2	2
				Complete Insp	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Partial Insp Non-Tow	*	*	*	*	*	*	*	*	*	*	4	4	4	4
				Partial Inspection - Photos Only	*	*	*	*	*	*	*	*	*	*	*	*	*	5
GV	Interrupted Rollover	INTEROLL	INTEROLL	Yes	*	*	*	*	*	*	*	*	*	*	*	*	1	1
				No	*	*	*	*	*	*	*	*	*	*	*	*	2	2
				No Rollover	*	*	*	*	*	*	*	*	*	*	*	*	8	8
				Unknown	*	*	*	*	*	*	*	*	*	*	*	*	.U	.U
GV	Number Of Lanes	LANES	LANES	One	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Two	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Three	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Four	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Five	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Six	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Seven Or More	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Light Conditions	LGTCOND	LGTCOND	Daylight	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Dark	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Dark/Lighted	3	3	3	3	3	3	3	3	3	3	3	3	3	3

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Dawn	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Dusk	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Vehicle Make	MAKE	MAKE	American Motors	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Jeep	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Am General	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Chrysler	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Dodge	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Imperial	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Plymouth	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unknown Make	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Eagle	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				Ford	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Lincoln	13	13	13	13	13	13	13	13	13	13	13	13	13	13
				Mercury	14	14	14	14	14	14	14	14	14	14	14	14	14	14
				Buick	18	18	18	18	18	18	18	18	18	18	18	18	18	18
				Cadillac	19	19	19	19	19	19	19	19	19	19	19	19	19	19
				Chevrolet	20	20	20	20	20	20	20	20	20	20	20	20	20	20
				Oldsmobile	21	21	21	21	21	21	21	21	21	21	21	21	21	21
				Pontiac	22	22	22	22	22	22	22	22	22	22	22	22	22	22
				Gmc	23	23	23	23	23	23	23	23	23	23	23	23	23	23
				Saturn	24	24	24	24	24	24	24	24	24	24	24	24	24	24
				Grumman	25	25	25	25	25	25	25	25	25	25	25	25	25	25
				Other Domestic	29	29	29	29	29	29	29	29	29	29	29	29	29	29
				Volkswagen	30	30	30	30	30	30	30	30	30	30	30	30	30	30
				Alfa Romeo	31	31	31	31	31	31	31	31	31	31	31	31	31	31
				Audi	32	32	32	32	32	32	32	32	32	32	32	32	32	32
				Austin/Healey	33	33	33	33	33	33	33	33	33	33	33	33	33	33
				Bmw	34	34	34	34	34	34	34	34	34	34	34	34	34	34
				Nissan/Datsun	35	35	35	35	35	35	35	35	35	35	35	35	35	35
				Fiat	36	36	36	36	36	36	36	36	36	36	36	36	36	36
				Honda	37	37	37	37	37	37	37	37	37	37	37	37	37	37
				Isuzu	38	38	38	38	38	38	38	38	38	38	38	38	38	38
				Jaguar	39	39	39	39	39	39	39	39	39	39	39	39	39	39
				Lancia	40	40	40	40	40	40	40	40	40	40	40	40	40	40
				Mazda	41	41	41	41	41	41	41	41	41	41	41	41	41	41
				Mercedes Benz	42	42	42	42	42	42	42	42	42	42	42	42	42	42
				Mg	43	43	43	43	43	43	43	43	43	43	43	43	43	43
				Peugeot	44	44	44	44	44	44	44	44	44	44	44	44	44	44
				Porsche	45	45	45	45	45	45	45	45	45	45	45	45	45	45
				Renault	46	46	46	46	46	46	46	46	46	46	46	46	46	46

Legend for SAS Codes:
= actual numeric value
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. = blank/missing data

GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Saab	47	47	47	47	47	47	47	47	47	47	47	47	47	47
				Subaru	48	48	48	48	48	48	48	48	48	48	48	48	48	48
				Toyota	49	49	49	49	49	49	49	49	49	49	49	49	49	49
				Triumph	50	50	50	50	50	50	50	50	50	50	50	50	50	50
				Volvo	51	51	51	51	51	51	51	51	51	51	51	51	51	51
				Mitsubishi	52	52	52	52	52	52	52	52	52	52	52	52	52	52
				Suzuki	53	53	53	53	53	53	53	53	53	53	53	53	53	53
				Acura	54	54	54	54	54	54	54	54	54	54	54	54	54	54
				Hyundai	55	55	55	55	55	55	55	55	55	55	55	55	55	55
				Merkur	56	56	56	56	56	56	56	56	56	56	56	56	56	56
				Yugo	57	57	57	57	57	57	57	57	57	57	57	57	57	57
				Infiniti	58	58	58	58	58	58	58	58	58	58	58	58	58	58
				Lexus	59	59	59	59	59	59	59	59	59	59	59	59	59	59
				Daihatsu	60	60	60	60	60	60	60	60	60	60	60	60	60	60
				Sterling	61	61	61	61	61	61	61	61	61	61	61	61	61	61
				Land Rover	62	62	62	62	62	62	62	62	62	62	62	62	62	62
				Kia	63	63	63	63	63	63	63	63	63	63	63	63	63	63
				Daewoo	*	*	*	*	*	64	64	64	64	64	64	64	64	64
				Mini	*	*	*	*	*	*	65	65	65	65	65	65	65	65
				Other Foreign	69	69	69	69	69	69	69	69	69	69	69	69	69	69
				Bsa	70	70	70	70	70	70	70	70	70	70	70	70	70	70
				Ducati	71	71	71	71	71	71	71	71	71	71	71	71	71	71
				Harley-Davidson	72	72	72	72	72	72	72	72	72	72	72	72	72	72
				Kawasaki	73	73	73	73	73	73	73	73	73	73	73	73	73	73
				Moto-Guzzi	74	74	74	74	74	74	74	74	74	74	74	74	74	74
				Norton	75	75	75	75	75	75	75	75	75	75	75	75	75	75
				Yamaha	76	76	76	76	76	76	76	76	76	76	76	76	76	76
				Other Make Moped	78	78	78	78	78	78	78	78	78	78	78	78	78	78
				Oth Motored Cycl	79	79	79	79	79	79	79	79	79	79	79	79	79	79
				Brockway	80	80	80	80	80	80	80	80	80	80	80	80	80	80
				Diamond Reo/Reo	81	81	81	81	81	81	81	81	81	81	81	81	81	81
				Freightlin/White	82	82	82	82	82	82	82	82	82	82	82	82	82	82
				Fwd	83	83	83	83	83	83	83	83	83	83	83	83	83	83
				Intharv/Navistar	84	84	84	84	84	84	84	84	84	84	84	84	84	84
				Kenworth	85	85	85	85	85	85	85	85	85	85	85	85	85	85
				Mack	86	86	86	86	86	86	86	86	86	86	86	86	86	86
				Peterbilt	87	87	87	87	87	87	87	87	87	87	87	87	87	87
				Iveco/Magirus	88	88	88	88	88	88	88	88	88	88	88	88	88	88
				Other	98	98	98	98	98	98	98	98	98	98	98	98	98	98
GV	Attempted Avoidance Maneuver	MANEUVER	MANEUVER	No Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Avoidance	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Legend for SAS Codes:
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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Brake W/O Lockup	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Brake W/ Lockup	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Brake Unk Lockup	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Releasing Brakes	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Steering Left	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Steering Right	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Brake+steer Left	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Brake+steer Rt	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Accelerating	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				Acc+steer Left	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				Acc+steer Right	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Other Action	98	98	98	98	98	98	98	98	98	98	98	98	98	98
GV	Motorcycle Engine Displacement	MCYCLDS		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Vehicle Model	MODEL		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Vehicle Model Year	MODELYR		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	National Inflation Factor	NATWGT		VALUE	*	*	*	*	*	*	*	*	#	*	*	*	*	*
GV	Number Of Occupant Forms Submitted	OCCFORMS	OCCFORMS	Non Cds Vehicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Non Cds Vehicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				97 Or More	97	97	97	97	97	97	97	97	97	97	97	97	97	97
GV	Initial Critical (Precrash) Event	PREEVENT	PREEVENT	Blowout/Flatire	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Stalled Engine	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Disabl Veh Fail	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Nodisab Veh Prob	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Poor Road Condit	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Travel Too Fast	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Oth Control Loss	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unk Control Loss	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Over Line-Left	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				Over Line-Right	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				Off Edge-Left	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Off Edge-Right	13	13	13	13	13	13	13	13	13	13	13	13	13	13
				End Departure	14	14	14	14	14	14	14	14	14	14	14	14	14	14
				Turn Left-Inters	15	15	15	15	15	15	15	15	15	15	15	15	15	15
				Turn Right-Inter	16	16	16	16	16	16	16	16	16	16	16	16	16	16
				Cross Over Inter	17	17	17	17	17	17	17	17	17	17	17	17	17	17
				Decelerating	18	18	18	18	18	18	18	18	18	18	18	18	18	18
				Unk Travel Dir	19	19	19	19	19	19	19	19	19	19	19	19	19	19
				Stopped	50	50	50	50	50	50	50	50	50	50	50	50	50	50

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Same Dir-Lospeed	51	51	51	51	51	51	51	51	51	51	51	51	51	51
				Same Dir-Deceler	52	52	52	52	52	52	52	52	52	52	52	52	52	52
				Same Dir-Hispeed	53	53	53	53	53	53	53	53	53	53	53	53	53	53
				Travel Opp Dir	54	54	54	54	54	54	54	54	54	54	54	54	54	54
				In Crossover	55	55	55	55	55	55	55	55	55	55	55	55	55	55
				Backing	56	56	56	56	56	56	56	56	56	56	56	56	56	56
				Unk Dir Oth Veh	59	59	59	59	59	59	59	59	59	59	59	59	59	59
				Same Dir-Ov Left	60	60	60	60	60	60	60	60	60	60	60	60	60	60
				Same Dir-Ov Rght	61	61	61	61	61	61	61	61	61	61	61	61	61	61
				Opp Dir-Ovr Left	62	62	62	62	62	62	62	62	62	62	62	62	62	62
				Opp Dir-Ovr Rght	63	63	63	63	63	63	63	63	63	63	63	63	63	63
				From Parking Ln	64	64	64	64	64	64	64	64	64	64	64	64	64	64
				Xing St-Same Dir	65	65	65	65	65	65	65	65	65	65	65	65	65	65
				Xing St-X Path	66	66	66	66	66	66	66	66	66	66	66	66	66	66
				Xing St-Opp Dir	67	67	67	67	67	67	67	67	67	67	67	67	67	67
				Xing St-Unk Path	68	68	68	68	68	68	68	68	68	68	68	68	68	68
				Drivway-Same Dir	70	70	70	70	70	70	70	70	70	70	70	70	70	70
				Driveway-X Path	71	71	71	71	71	71	71	71	71	71	71	71	71	71
				Drivway-Opp Dir	72	72	72	72	72	72	72	72	72	72	72	72	72	72
				Drivway-Unk Path	73	73	73	73	73	73	73	73	73	73	73	73	73	73
				Entr Ltd Acc Hwy	74	74	74	74	74	74	74	74	74	74	74	74	74	74
				Encroach-Det Unk	78	78	78	78	78	78	78	78	78	78	78	78	78	78
				Ped In Roadway	80	80	80	80	80	80	80	80	80	80	80	80	80	80
				Ped Aproach Road	81	81	81	81	81	81	81	81	81	81	81	81	81	81
				Ped-Unk Loc	82	82	82	82	82	82	82	82	82	82	82	82	82	82
				Pedal/Nm In Road	83	83	83	83	83	83	83	83	83	83	83	83	83	83
				Pedal/Nm Ap Road	84	84	84	84	84	84	84	84	84	84	84	84	84	84
				Pedal/Nm-Unk Loc	85	85	85	85	85	85	85	85	85	85	85	85	85	85
				Animal In Road	87	87	87	87	87	87	87	87	87	87	87	87	87	87
				Animal App Road	88	88	88	88	88	88	88	88	88	88	88	88	88	88
				Animal-Unk Loc	89	89	89	89	89	89	89	89	89	89	89	89	89	89
				Object In Road	90	90	90	90	90	90	90	90	90	90	90	90	90	90
				Object App Road	91	91	91	91	91	91	91	91	91	91	91	91	91	91
				Object-Unk Loc	92	92	92	92	92	92	92	92	92	92	92	92	92	92
				Oth Crit Event	98	98	98	98	98	98	98	98	98	98	98	98	98	98
GV	Pre-Impact Location	PREILOC	PREILOC	No Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Stayed In Lane	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Left Travel Lane	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Unk If Left Lane	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Departed Roadway	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Remain Off Road	5	5	5	5	5	5	5	5	5	5	5	5	5	5

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Returned To Road	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Entered Roadway	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Pre-Impact Stability	PREISTAB	PREISTAB	No Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Tracking	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Longitudinal Skid	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Lateral Skid-Clk	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Lat Skid-Ctr Clk	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Oth Veh Ctl Loss	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Prcrash Stab Unk	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Pre-Event Movement Prior Rec Crit Event	PREMOVE	PREMOVE	No Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Going Straight	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Deceler In Lane	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Acceler In Lane	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Starting In Lane	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Stopped In Lane	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Passing/Overtake	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Disabled In Lane	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Leaving Parking	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Entering Parking	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Turning Right	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				Turning Left	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				Making U-Turn	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Backing Up	13	13	13	13	13	13	13	13	13	13	13	13	13	13
				Negotiate Curve	14	14	14	14	14	14	14	14	14	14	14	14	14	14
				Changing Lanes	15	15	15	15	15	15	15	15	15	15	15	15	15	15
				Merging	16	16	16	16	16	16	16	16	16	16	16	16	16	16
				Suces Avoid Prev	17	17	17	17	17	17	17	17	17	17	17	17	17	17
				Other	97	97	97	97	97	97	97	97	97	97	97	97	97	97
GV	Roadway Profile	PROFILE	PROFILE	Level	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Uphill Grade	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Hill Crest	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Downhill Grade	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Sag	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Pre Rollover Maneuver	PROLLMAN	PROLLMAN	No Rollover	*	*	*	*	*	*	*	*	*	*	*	*	1	1
				Departing Roadway (To Paved Surface)	*	*	*	*	*	*	*	*	*	*	*	*	2	2
				Departing Roadway (To Non-Paved Surface)	*	*	*	*	*	*	*	*	*	*	*	*	3	3
				Returning To Roadway (From Paved Surface)	*	*	*	*	*	*	*	*	*	*	*	*	4	4
				Returning To Roadway (From Non-Paved Surface)	*	*	*	*	*	*	*	*	*	*	*	*	5	5

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				On Roadway Maneuver	*	*	*	*	*	*	*	*	*	*	*	*	6	6
				Off Roadway Maneuver	*	*	*	*	*	*	*	*	*	*	*	*	7	7
				Unknown	*	*	*	*	*	*	*	*	*	*	*	*	.U	.U
GV	Primary Sampling Unit Number	PSU		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Race	RACE	RACE	White	*	*	*	*	*	*	*	*	*	*	*	1	1	1
				Black	*	*	*	*	*	*	*	*	*	*	*	2	2	2
				Asian	*	*	*	*	*	*	*	*	*	*	*	3	3	3
				Native Haw./Oth Pi	*	*	*	*	*	*	*	*	*	*	*	4	4	4
				Amer Ind./Alas Nat	*	*	*	*	*	*	*	*	*	*	*	5	5	5
				Other	*	*	*	*	*	*	*	*	*	*	*	7	7	7
				No Driver Pres	*	*	*	*	*	*	*	*	*	*	*	8	8	8
				Unknown	*	*	*	*	*	*	*	*	*	*	*	.U	.U	.U
GV	Ratio Inflation Factor	RATWGT		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Ratio Inflation Factor Untrimmed	RATWGT_U		VALUE	*	*	*	*	*	*	*	*	*	#	*	*	*	*
GV	Relation To Junction	RELINTER	RELINTER	Noninter/Nonjunc	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Interchange Rel	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Intersection Rel	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Driveway Related	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Other Junction	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Unk Typ Junction	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Restraint Type	RESTYPE	$RESTYPE	Not Coded	*	.	.	.	.	.	.	.	.	.	.	.	.	.
				Dual F+h/Ps Sn/Ac	*	*	*	*	*	*	*	*	*	3	3	3	3	3
				Dual Fr/Ps Sn/Ac	*	*	*	*	*	*	*	*	*	4	4	4	4	4
				Dual F+s+h/Rh/Ac	*	*	*	*	*	*	*	*	*	7	7	7	7	7
				Unknown	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Manual Belts	A	A	A	A	A	A	A	A	A	A	A	A	A	A
				Drfr Bag/Pas Unk	B	B	B	B	B	B	B	B	B	B	B	B	B	B
				Dual Fr/Belt Unk	C	C	C	C	C	C	C	C	C	C	C	C	C	C
				Drfr Bag/Pas Pas	D	D	D	D	D	D	D	D	D	D	D	D	D	D
				Dual Fr/Act Belt	E	E	E	E	E	E	E	E	E	E	E	E	E	E
				Dual Fr/Pas Belt	F	F	F	F	F	F	F	F	F	F	F	F	F	F
				Dual Fr+sid/Unk	G	G	G	G	G	G	G	G	G	G	G	G	G	G
				Dual Fr+hd+si/Un	H	H	H	H	H	H	H	H	H	H	H	H	H	H
				Dual Fr+hd+si/Pa	I	I	I	I	I	I	I	I	I	I	I	I	I	I
				Dual Fr+side/Pas	J	J	J	J	J	J	J	J	J	J	J	J	J	J
				Dual Fr+side/Act	K	K	K	K	K	K	K	K	K	K	K	K	K	K
				Dual Fr+hd+si/Ac	L	L	L	L	L	L	L	L	L	L	L	L	L	L
				Drfr Bag/Pas Act	M	M	M	M	M	M	M	M	M	M	M	M	M	M
				Passive Belts	P	P	P	P	P	P	P	P	P	P	P	P	P	P
				Dual F+s/Act/Sen	*	*	*	*	*	R	R	R	R	R	R	R	R	R

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Dual F+h+s/Ac/Se	*	*	*	*	*	S	S	S	S	S	S	S	S	S
				Dual F/Act/R Bag	*	*	*	*	*	T	T	T	T	T	T	T	T	T
				Dual F/Act/Ps Sw	*	*	*	*	*	U	U	U	U	U	U	U	U	U
				Dual F+h+s/Ac/Rb	*	*	*	*	*	V	V	V	V	V	V	V	V	V
				Dual F+h+s/Ac/Se	*	*	*	*	*	W	W	W	W	W	W	W	W	W
				Dual F+s/Act Dr	*	*	*	*	*	X	X	X	X	X	X	X	X	X
				Dual F+s/Ps Sw	*	*	*	*	*	Y	Y	Y	Y	Y	Y	Y	Y	Y
GV	Direction Of Initial Roll	ROLINDIR	ROLINDIR	Not Collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No Rollover	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Roll Right	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Roll Left	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				End-Over-End	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown Roll Dir	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Location Of Rollover	ROLINLOC	ROLINLOC	Not Collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No Rollover	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				On Roadway	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				On Shlder-Paved	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				On Shlder-Unpave	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Roadside/Median	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				End-Over-End	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Rollover Initiation Type	ROLINTYP	ROLINTYP	Non Cds Vehicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No Rollover	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Trip-Over	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Flip-Over	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Turn-Over	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Climb-Over	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Fall-Over	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Bounce-Over	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Collision W/Veh	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Oth Rolover Type	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unk Rolover Type	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				End-Over-End	98	98	98	98	98	98	98	98	98	98	98	98	98	98
GV	Estimated Distance Of Rollover	ROLLDIST	ROLLDIST	VALUE	*	*	*	*	*	*	*	*	*	*	*	*	#	#
				Unknown	*	*	*	*	*	*	*	*	*	*	*	*	.U	.U
				No Rollover	*	*	*	*	*	*	*	*	*	*	*	*	888	888
				End-Over-End	*	*	*	*	*	*	*	*	*	*	*	*	998	998
GV	Rollover Initiation Object Contacted	ROLLOBJ	ROLLOBJ	Not Collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No Rollover	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Vehicle No. 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Vehicle No. 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Vehicle No. 3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Vehicle No. 4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Vehicle No. 5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Vehicle No. 6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Vehicle No. 7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Vehicle No. 8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Vehicle No. 9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unk Event/Object	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Vehicle No. 10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				Turn/Fall-Over	31	31	31	31	31	31	31	31	31	31	31	31	31	31
				End-Over-End	32	32	32	32	32	32	32	32	32	32	32	32	32	32
				Jackknife	34	34	34	34	34	34	34	34	34	34	34	34	34	34
				Small Tree	41	41	41	41	41	41	41	41	41	41	41	41	41	41
				Large Tree	42	42	42	42	42	42	42	42	42	42	42	42	42	42
				Shrub/Bush	43	43	43	43	43	43	43	43	43	43	43	43	43	43
				Embankment	44	44	44	44	44	44	44	44	44	44	44	44	44	44
				Breakaway Pole	45	45	45	45	45	45	45	45	45	45	45	45	45	*
				Breakaway Pole/Post (any dia)	*	*	*	*	*	*	*	*	*	*	*	*	*	45
				Metal guardrail	*	*	*	*	*	*	*	*	*	*	*	*	46	46
				Cable guardrail	*	*	*	*	*	*	*	*	*	*	*	*	47	47
				Small Pole	50	50	50	50	50	50	50	50	50	50	50	50	50	50
				Medium Pole	51	51	51	51	51	51	51	51	51	51	51	51	51	51
				Large Pole	52	52	52	52	52	52	52	52	52	52	52	52	52	52
				Unk Size Pole	53	53	53	53	53	53	53	53	53	53	53	53	53	53
				Concrete Barrier	54	54	54	54	54	54	54	54	54	54	54	54	54	54
				Impact Atenuator	55	55	55	55	55	55	55	55	55	55	55	55	55	55
				Other Traffic Barrier (Includes Guardrail) (Specify)	56	56	56	56	56	56	56	56	56	56	56	56	*	*
				Other Traffic Barrier (Specify)	*	*	*	*	*	*	*	*	*	*	*	*	56	56
				Fence	57	57	57	57	57	57	57	57	57	57	57	57	57	57
				Wall	58	58	58	58	58	58	58	58	58	58	58	58	58	58
				Building	59	59	59	59	59	59	59	59	59	59	59	59	59	59
				Ditch/Culvert	60	60	60	60	60	60	60	60	60	60	60	60	60	60
				Ground	61	61	61	61	61	61	61	61	61	61	61	61	61	61
				Fire Hydrant	62	62	62	62	62	62	62	62	62	62	62	62	62	62
				Curb	63	63	63	63	63	63	63	63	63	63	63	63	63	63
				Bridge	64	64	64	64	64	64	64	64	64	64	64	64	64	64
				Oth Fixed Object	68	68	68	68	68	68	68	68	68	68	68	68	68	68
				Unk Fixed Object	69	69	69	69	69	69	69	69	69	69	69	69	69	69
				Notintran Lgtveh	*	*	*	*	*	*	*	*	*	*	*	70	70	70
				Notintran Hvyveh	*	*	*	*	*	*	*	*	*	*	*	71	71	71
				Animal	76	76	76	76	76	76	76	76	76	76	76	76	76	76

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Train	77	77	77	77	77	77	77	77	77	77	77	77	77	*
				Railway Vehicle	*	*	*	*	*	*	*	*	*	*	*	*	*	77
				Trailer-Disconn	78	78	78	78	78	78	78	78	78	78	78	78	78	78
				Obj Fell Frm Veh	79	79	79	79	79	79	79	79	79	79	79	79	79	79
				Oth Nonfixed Obj	88	88	88	88	88	88	88	88	88	88	88	88	88	88
				Unk Nonfixed Obj	89	89	89	89	89	89	89	89	89	89	89	89	89	89
				Other Event	98	98	98	98	98	98	98	98	98	98	98	98	98	98
GV	Rollover	ROLLOVER	ROLLOVER	Not Collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No Rollover	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				1 Quarter Turn	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				2 Quarter Turns	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				3 Quarter Turns	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				4 Quarter Turns	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				5 Quarter Turns	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				6 Quarter Turns	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				7 Quarter Turns	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				8 Quarter Turns	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				9 Quarter Turns	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Roll Details Unk	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				10 Quarter Turns	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				11 Quarter Turns	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				12 Quarter Turns	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				13 Quarter Turns	13	13	13	13	13	13	13	13	13	13	13	13	13	13
				14 Quarter Turns	14	14	14	14	14	14	14	14	14	14	14	14	14	14
				15 Quarter Turns	15	15	15	15	15	15	15	15	15	15	15	15	15	15
				16 Quarter Turns	16	16	16	16	16	16	16	16	16	16	16	16	16	16
				>16 Qtr Turns	17	17	17	17	17	17	17	17	17	17	17	17	17	17
				End-Over-End	98	98	98	98	98	98	98	98	98	98	98	98	98	98
GV	Roof, Optional Roof 1/2	ROOF1, ROOF2, ROOF3	ROOF	Not Collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Fixed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Manual Sun/Moon	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Power Sun/Moon	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Removable Panels	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Removable Roof	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Retractable Roof	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Other/Unk(Vinrtn)	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	9	9	9	9	9	9	9	9	9	9	9	9	9	9
GV	Rear Override/Underride This Vehicle	ROVERIDE	OVERIDE	Not Collected	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No Over/Underide	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Override 1st Cdc	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Override 2nd Cdc	2	2	2	2	2	2	2	2	2	2	2	2	2	2

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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
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				Override Oth Cdc	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Underide 1st Cdc	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Underide 2nd Cdc	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Underide Oth Cdc	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				M/Hv Trk Overide	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Vin Series Truck	SERTR		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Other Drug: Specimen Test Results	SPECOTH	SPECOTH	No Test Given	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Drug Not Found	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Drug Found	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Test Results Unk	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				No Driver	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown If Given	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Speed Limit	SPLIMIT		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Case Stratum	STRATIF		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Roadway Surface Condition	SURCOND	SURCOND	Dry	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Wet	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Snow Or Slush	3	3	3	3	3	3	3	3	3	3	3	3	3	*
				Ice	4	4	4	4	4	4	4	4	4	4	4	4	4	*
				Sand/Dirt/Oil	5	5	5	5	5	5	5	5	5	5	5	5	5	*
				Snow	*	*	*	*	*	*	*	*	*	*	*	*	*	3
				Slush	*	*	*	*	*	*	*	*	*	*	*	*	*	4
				Ice/Frost	*	*	*	*	*	*	*	*	*	*	*	*	*	5
				Water (standing, moving)	*	*	*	*	*	*	*	*	*	*	*	*	*	6
				Sand	*	*	*	*	*	*	*	*	*	*	*	*	*	7
				Dirt, mud or gravel	*	*	*	*	*	*	*	*	*	*	*	*	*	8
				Oil	*	*	*	*	*	*	*	*	*	*	*	*	*	9
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	*
				Other	*	*	*	*	*	*	*	*	*	*	*	*	*	88
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Roadway Surface Type	SURTYPE	SURTYPE	Concrete	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Asphalt	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Brick Or Block	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Slag/Gravl/Stone	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Dirt	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Towed Trailing Unit	TOWHITCH	TOWHITCH	Non Cds Vehicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No Towed Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Towed Unit	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
GV	Police Reported Vehicle Disposition	TOWPAR	TOWPAR	Not Towed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Towed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Traffic Control Device	TRAFCONT	TRAFCONT	No Controls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Traffic Signal	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Stop Sign	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Yield Sigh	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				School Zone Sign	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Other Reg Sign	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Warning Sign	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Unknown Sign	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Misc Oth Control	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Trafficway Flow	TRAFFLOW	TRAFFLOW	Not Divided	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Dvded/No Barrier	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Dvded/W/Barrier	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				One Way	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Transport Status	TRANSTAT	TRANSTAT	In Transport	*	*	*	*	*	*	*	*	*	*	*	1	1	1
				Not In Transport	*	*	*	*	*	*	*	*	*	*	*	2	2	2
				Working Motor Vehicle	*	*	*	*	*	*	*	*	*	*	*	3	3	3
GV	Police Reported Travel Speed	TRAVELSP		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Traffic Control Device Functioning	TRCTLFCT	TRCTLFCT	No Controls	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Contrl Not Funct	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Ctl Functioning	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Loc. On Veh. Where Init Trip Force Appl	TRIPLOC	TRIPLOC	Non Cds Vehicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No Rollover	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Wheels/Tires	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Side Plane	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				End Plane	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Undercarriage	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Other Loc On Veh	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Noncontact Force	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				End-Over-End	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Maximum Known Ais In This Vehicle	VAIS	AIS	Not Injured	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Minor Injury	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Moderate Injury	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Serious Injury	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Severe Injury	4	4	4	4	4	4	4	4	4	4	4	4	4	4

Legend for SAS Codes:
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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Critical Injury	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Maximum Injury	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Injured, Unk Sev	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Not Collected	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N
				Unk If Injured	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Vehicle Number	VEHNO		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Type Of Vehicle	VEHTYPE	$VEHTYPE	Not Coded	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Unknown	*	9	9	9	9	9	9	9	9	9	9	9	9	9
				Motorcycle	M	M	M	M	M	M	M	M	M	M	M	M	M	M
				Passenger Car	P	P	P	P	P	P	P	P	P	P	P	P	P	P
				Truck	T	T	T	T	T	T	T	T	T	T	T	T	T	T
				Unknown	U	U	U	U	U	U	U	U	U	U	U	U	U	U
GV	Vehicle Special Use	VEHUSE	VEHUSE	No Special Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Taxi	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				School Bus	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Other Bus	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Military	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Police	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Ambulance	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Fire Truck or Car	7	7	7	7	7	7	7	7	7	7	7	7	7	*
				Fire Truck	*	*	*	*	*	*	*	*	*	*	*	*	*	7
				Emergency Services Vehicle	*	*	*	*	*	*	*	*	*	*	*	*	*	8
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	*
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
GV	Vin Vehicle Weight	VEHWGT		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Version Number	VERSION		VALUE	9	10	11	12	13	14	15	16	17	18	19	20	20	22
GV	Vehicle Identification Number	VIN		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Vin Model Cars And Trucks	VINAMOD		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Vin Body Type	VINBT		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Number Seriously Injured In This Vehicle	VINJSER		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Number Injured In This Vehicle	VINJURED		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Vin Length	VINLNGTH		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Vin Make	VINMAKE		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Vin Model Year	VINMODYR		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Vino	VINO	VINO	Unknown	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				None	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Missing	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Invalid	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Valid	5	5	5	5	5	5	5	5	5	5	5	5	5	5
GV	Maximum Treatment In This Vehicle	VTREAT	TREATMNT	No Treatment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Fatal	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Legend for SAS Codes:
= actual numeric value
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. = blank/missing data

GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Fatal-Rl Disease	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Hospitalized	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Trans/Released	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Treat-Scne-Ntrans	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Treatment-Later	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Treatment-Other	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Trans-Unk Treat	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Not Collected	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
	Atmospheric Conditions	WEATHER	WEATHER	No Adverse Cond	0	0	0	0	0	0	0	0	0	0	0	*	*	*
				Rain	1	1	1	1	1	1	1	1	1	1	1	*	*	*
				Sleet/Hail	2	2	2	2	2	2	2	2	2	2	2	*	*	*
				Snow	3	3	3	3	3	3	3	3	3	3	3	*	*	*
				Fog	4	4	4	4	4	4	4	4	4	4	4	*	*	*
				Rain And Fog	5	5	5	5	5	5	5	5	5	5	5	*	*	*
				Sleet And Fog	6	6	6	6	6	6	6	6	6	6	6	*	*	*
				Other	7	7	7	7	7	7	7	7	7	7	7	*	*	*
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	*	*	*
GV	Truck Weight Code	WGTCDTR	WGTCDTR	Not Coded	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				6000 Lbs & Under	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				6001-10000 Lbs	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				10001-14000 Lbs	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				14001-16000 Lbs	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				16001-19500 Lbs	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				19501-26000 Lbs	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				26001-33000 Lbs	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Over 33000 Lbs	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	9	9	9	9	9	9	9	9	9	9	9	9	9	9
GV	Number Wheels/Number Of Drive Wheels	WHLDRWHL		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
GV	Body Type Of The Other Vehicle	otbdytyp	BODYTYPE	Convertible	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				2dr Sedan/Ht/Cpe	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				3dr/2dr Hatchbak	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				4-Dr Sedan/Hdtop	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				5dr/4dr Hatchbak	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Station Wagon	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Hatchback Dr Unk	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other Automobile	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unk Auto Type	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Not Collected	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N
				Unknown Body Type	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Auto Base Pickup	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Legend for SAS Codes:
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GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Auto Based Panel	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				Large Limousine	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Three-Wheel Auto	13	13	13	13	13	13	13	13	13	13	13	13	13	13
				Compact Utility	14	14	14	14	14	14	14	14	14	14	14	14	14	14
				Large Utility	15	15	15	15	15	15	15	15	15	15	15	15	15	15
				Utility Stawagon	16	16	16	16	16	16	16	16	16	16	16	16	16	16
				3-Door Coupe	*	*	*	*	*	17	17	17	17	17	17	17	17	17
				Utility Unk Body	19	19	19	19	19	19	19	19	19	19	19	19	19	19
				Minivan	20	20	20	20	20	20	20	20	20	20	20	20	20	20
				Large Van	21	21	21	21	21	21	21	21	21	21	21	21	21	21
				Step Van <10k Lb	22	22	22	22	22	22	22	22	22	22	22	22	22	22
				Van Base Mtrhome	23	23	23	23	23	23	23	23	23	23	23	23	23	23
				Van Based Schbus	24	24	24	24	24	24	24	24	24	24	24	24	24	24
				Van Based Othbus	25	25	25	25	25	25	25	25	25	25	25	25	25	25
				Other Van Type	28	28	28	28	28	28	28	28	28	28	28	28	28	28
				Unknown Van Type	29	29	29	29	29	29	29	29	29	29	29	29	29	29
				Compact Pickup	30	30	30	30	30	30	30	30	30	30	30	30	30	30
				Large Pickup	31	31	31	31	31	31	31	31	31	31	31	31	31	31
				Pickup/Camper	32	32	32	32	32	32	32	32	32	32	32	32	32	32
				Convert Pickup	33	33	33	33	33	33	33	33	33	33	33	33	33	33
				Unk Pickup Truck	39	39	39	39	39	39	39	39	39	39	39	39	39	39
				Cab Chassis	40	40	40	40	40	40	40	40	40	40	40	40	40	40
				Truck Base Panel	41	41	41	41	41	41	41	41	41	41	41	41	41	41
				Lt Trk Motorhome	42	42	42	42	42	42	42	42	42	42	42	42	42	42
				Oth Light Truck	45	45	45	45	45	45	45	45	45	45	45	45	45	45
				Unk Light Truck	48	48	48	48	48	48	48	48	48	48	48	48	48	48
				Unk Light Veh	49	49	49	49	49	49	49	49	49	49	49	49	49	49
				School Bus	50	50	50	50	50	50	50	50	50	50	50	50	50	50
				Other Bus	58	58	58	58	58	58	58	58	58	58	58	58	58	58
				Unknown Bus	59	59	59	59	59	59	59	59	59	59	59	59	59	59
				Step Van >10k Lb	60	60	60	60	60	60	60	60	60	60	60	60	60	60
				Su Truck 10-19.5	61	61	61	61	61	61	61	61	61	61	61	61	61	61
				Su Truck 19.5-26	62	62	62	62	62	62	62	62	62	62	62	62	62	62
				Su Truck >26k Lb	63	63	63	63	63	63	63	63	63	63	63	63	63	63
				Su Truck Gvw Unk	64	64	64	64	64	64	64	64	64	64	64	64	64	64
				Mh Trk Motorhome	65	65	65	65	65	65	65	65	65	65	65	65	65	65
				Bobtail Tractor	67	67	67	67	67	67	67	67	67	67	67	67	67	67
				Trk-Trac 1 Trail	68	68	68	68	68	68	68	68	68	68	68	68	68	68
				Trk-Trac 2 Trail	69	69	69	69	69	69	69	69	69	69	69	69	69	69
				Trk-Tr Unk Trail	70	70	70	70	70	70	70	70	70	70	70	70	70	70
				Med/Hvy Pickup	*	*	*	*	*	74	74	74	74	74	74	74	74	74

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

GV DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Unk Med/Hvy Trk	78	78	78	78	78	78	78	78	78	78	78	78	78	78
				Unknown Truck	79	79	79	79	79	79	79	79	79	79	79	79	79	79
				Motorcycle	80	80	80	80	80	80	80	80	80	80	80	80	80	80
				Moped	81	81	81	81	81	81	81	81	81	81	81	81	81	81
				3 Wheel Mc/Moped	82	82	82	82	82	82	82	82	82	82	82	82	82	82
				Oth Motored Cycl	88	88	88	88	88	88	88	88	88	88	88	88	88	88
				Unk Motored Cycl	89	89	89	89	89	89	89	89	89	89	89	89	89	89
				Atv And Atc	90	90	90	90	90	90	90	90	90	90	90	90	90	90
				Snowmobile	91	91	91	91	91	91	91	91	91	91	91	91	91	91
				Farm Equipment	92	92	92	92	92	92	92	92	92	92	92	92	92	92
				Construct Equip	93	93	93	93	93	93	93	93	93	93	93	93	93	93
				Other Vehicle Type	97	97	97	97	97	97	97	97	97	97	97	97	97	97
				Not Applicable	98	98	98	98	98	98	98	98	98	98	98	98	98	98
GV	Weight Of The Other Vehicle	otvehwgt	CURBWGT	Non Cds Vehicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Unknown Curbwgt	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Less Than 450 Kg	45	45	45	45	45	45	45	45	45	45	45	45	45	45
				6,100 Kg Or More	610	610	610	610	610	610	610	610	610	610	610	610	610	610
				Not Applicable	998	998	998	998	998	998	998	998	998	998	998	998	998	998

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

VE DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
VE	Accident Event Sequence (Highest)	ACCSEQ1	ACCSEQ	No Event/No Cdc	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				No Event/No Cdc	.	.	.	.	.	.	.	.	.	.	.	.	.	.
VE	Multi-Stage Manufactured/Cert. Alt. Veh.	ALTVEH	ALTVEH	No Modif/Alter	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Yes Modif/Alter	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Unk If Veh Modif	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VE	Case Number - Stratum	CASEID		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Case Sequence Number	CASENO		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Direct Damage Width	DIRDAMW	DIRDAMW	VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Cdcs Documented But Not Coded On File?	DOCCDC	DOCCDC	Not Documented	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Documented	1	1	1	1	1	1	1	1	1	1	1	1	1	1
VE	Direction Of Force (Highest/2nd Highest)	DOF1, DOF2	DOF	No Cdc	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Nonhoriz Force	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				1 O'clock	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				2 O'clock	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				3 O'clock	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				4 O'clock	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				5 O'clock	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				6 O'clock	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				7 O'clock	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				8 O'clock	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				9 O'clock	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unknown Dof	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				10 O'clock	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				11 O'clock	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				12 O'clock	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				20-Nonhoriz Force	20	20	20	20	20	20	20	20	20	20	20	20	20	20
				21- 1 O'clock	21	21	21	21	21	21	21	21	21	21	21	21	21	21
				22- 2 O'clock	22	22	22	22	22	22	22	22	22	22	22	22	22	22
				23- 3 O'clock	23	23	23	23	23	23	23	23	23	23	23	23	23	23
				24- 4 O'clock	24	24	24	24	24	24	24	24	24	24	24	24	24	24
				25- 5 O'clock	25	25	25	25	25	25	25	25	25	25	25	25	25	25
				26- 6 O'clock	26	26	26	26	26	26	26	26	26	26	26	26	26	26
				27- 7 O'clock	27	27	27	27	27	27	27	27	27	27	27	27	27	27
				28- 8 O'clock	28	28	28	28	28	28	28	28	28	28	28	28	28	28
				29- 9 O'clock	29	29	29	29	29	29	29	29	29	29	29	29	29	29
				30-10 O'clock	30	30	30	30	30	30	30	30	30	30	30	30	30	30
				31-11 O'clock	31	31	31	31	31	31	31	31	31	31	31	31	31	31

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

VE DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				32-12 O'clock	32	32	32	32	32	32	32	32	32	32	32	32	32	32
				40-Nonhoriz Force	40	40	40	40	40	40	40	40	40	40	40	40	40	40
				41- 1 O'clock	41	41	41	41	41	41	41	41	41	41	41	41	41	41
				42- 2 O'clock	42	42	42	42	42	42	42	42	42	42	42	42	42	42
				43- 3 O'clock	43	43	43	43	43	43	43	43	43	43	43	43	43	43
				44- 4 O'clock	44	44	44	44	44	44	44	44	44	44	44	44	44	44
				45- 5 O'clock	45	45	45	45	45	45	45	45	45	45	45	45	45	45
				46- 6 O'clock	46	46	46	46	46	46	46	46	46	46	46	46	46	46
				47- 7 O'clock	47	47	47	47	47	47	47	47	47	47	47	47	47	47
				48- 8 O'clock	48	48	48	48	48	48	48	48	48	48	48	48	48	48
				49- 9 O'clock	49	49	49	49	49	49	49	49	49	49	49	49	49	49
				50-10 O'clock	50	50	50	50	50	50	50	50	50	50	50	50	50	50
				51-11 O'clock	51	51	51	51	51	51	51	51	51	51	51	51	51	51
				52-12 O'clock	52	52	52	52	52	52	52	52	52	52	52	52	52	52
				60-Nonhoriz Force	60	60	60	60	60	60	60	60	60	60	60	60	60	60
				61- 1 O'clock	61	61	61	61	61	61	61	61	61	61	61	61	61	61
				62- 2 O'clock	62	62	62	62	62	62	62	62	62	62	62	62	62	62
				63- 3 O'clock	63	63	63	63	63	63	63	63	63	63	63	63	63	63
				64- 4 O'clock	64	64	64	64	64	64	64	64	64	64	64	64	64	64
				65- 5 O'clock	65	65	65	65	65	65	65	65	65	65	65	65	65	65
				66- 6 O'clock	66	66	66	66	66	66	66	66	66	66	66	66	66	66
				67- 7 O'clock	67	67	67	67	67	67	67	67	67	67	67	67	67	67
				68- 8 O'clock	68	68	68	68	68	68	68	68	68	68	68	68	68	68
				69- 9 O'clock	69	69	69	69	69	69	69	69	69	69	69	69	69	69
				70-10 O'clock	70	70	70	70	70	70	70	70	70	70	70	70	70	70
				71-11 O'clock	71	71	71	71	71	71	71	71	71	71	71	71	71	71
				72-12 O'clock	72	72	72	72	72	72	72	72	72	72	72	72	72	72
				80-Nonhoriz Force	80	80	80	80	80	80	80	80	80	80	80	80	80	80
				81- 1 O'clock	81	81	81	81	81	81	81	81	81	81	81	81	81	81
				82- 2 O'clock	82	82	82	82	82	82	82	82	82	82	82	82	82	82
				83- 3 O'clock	83	83	83	83	83	83	83	83	83	83	83	83	83	83
				84- 4 O'clock	84	84	84	84	84	84	84	84	84	84	84	84	84	84
				85- 5 O'clock	85	85	85	85	85	85	85	85	85	85	85	85	85	85
				86- 6 O'clock	86	86	86	86	86	86	86	86	86	86	86	86	86	86
				87- 7 O'clock	87	87	87	87	87	87	87	87	87	87	87	87	87	87
				88- 8 O'clock	88	88	88	88	88	88	88	88	88	88	88	88	88	88
				89- 9 O'clock	89	89	89	89	89	89	89	89	89	89	89	89	89	89

Legend for SAS Codes:
= actual numeric value
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. = blank/missing data

VE DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				90-10 O'clock	90	90	90	90	90	90	90	90	90	90	90	90	90	90
				91-11 O'clock	91	91	91	91	91	91	91	91	91	91	91	91	91	91
				92-12 O'clock	92	92	92	92	92	92	92	92	92	92	92	92	92	92
VE	Crush Profile C1 (Highest)	DVC1		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Crush Profile C2 (Highest)	DVC2		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Crush Profile C3 (Highest)	DVC3		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Crush Profile C4 (Highest)	DVC4		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Crush Profile C5 (Highest)	DVC5		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Crush Profile C6 (Highest)	DVC6		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Crush Profile D (Highest)	DVD		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Crush Profile L (Highest)	DVL		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Deformation Extent (Highest/2nd Highest)	EXTENT1, EXTENT2	EXTENT	No CDC	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				One	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Two	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Three	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Four	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Five	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Six	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Seven	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Eight	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Nine	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VE	Fire Occurrence	FIRE	FIRE	No Fire	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Minor Fire	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Major Fire	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Unk Imp/Ext Fire	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	*	*	*
VE	Origin Of Fire	FIREORIG	FIREORIG	No Fire	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Vehicle Exterior	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Exhaust System	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Fuel Tank	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Engine Compart	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Cargo/Trunk Area	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Instrument Panel	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Passenger Area	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other Location	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown Origin	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VE	Location Of Fuel Tank-1 Filler Cap	FUELCAP1	FUELCAP	No Fuel Tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Legend for SAS Codes:
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. = blank/missing data

VE DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				On Back Plane	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Aft Ctr Rwhl-Ls	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Aft Ctr Rwhl-Rs	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Fwd Ctr Rwhl-Ls	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Fwd Ctr Rwhl-Rs	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Center Rwhl-Ls	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Center Rwhl-Rs	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				No Fuel Tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				On Back Plane	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Aft Ctr Rwhl-Ls	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Aft Ctr Rwhl-Rs	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Fwd Ctr Rwhl-Ls	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Fwd Ctr Rwhl-Rs	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Center Rwhl-Ls	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Center Rwhl-Rs	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VE	Damage To Fuel Tank-1	FUELDAM1	FUELDAM	No Fuel Tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Damage	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Deformed	2	2	2	2	2	2	2	2	2	2	2	2	*	*
				Deformed	*	*	*	*	*	*	*	*	*	*	*	*	2	2
				Deform+seam Fail	3	3	3	3	3	3	3	3	3	3	3	3	*	*
				Deform+seam Fail	*	*	*	*	*	*	*	*	*	*	*	*	3	3
				Punctured	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Lacerated	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Abraded	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Fill Neck Separ	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other Damage	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				No Fuel Tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Damage	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Deformed	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Deform+seam Fail	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Punctured	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Lacerated	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Legend for SAS Codes:
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VE DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Abraded	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Fill Neck Separ	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other Damage	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VE	Leakage Location Of Fuel System-1	FUELEAK1	FUELEAK	No Fuel Tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Fuel Leakage	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Tank	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Filler Neck	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Cap	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Line/Pump/Filter	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Vent/Emiss Recov	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				No Fuel Tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Fuel Leakage	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Tank	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Filler Neck	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Cap	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Line/Pump/Filter	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Vent/Emiss Recov	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VE	Equipped With More Than Two Fuel Tanks	FUELGT2	FUELGT	No	*	*	*	*	*	*	*	*	*	*	.	.	.	.
				No	0	0	0	0	0	0	0	0	0	0	*	*	*	*
				Yes-No Damage/Leakage	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Yes-Fuel Leakage	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Yes-Dam+fueleak	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VE	Location Of Fuel Tank-1	FUELLOC1	FUELLOC	No Fuel Tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Aft Ctr Rwhl-Ctr	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Aft Ctr Rwhl-Ls	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Aft Ctr Rwhl-Rs	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Fwd Ctr Rwhl-Ctr	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Fwd Ctr Rwhl-Ls	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Fwd Ctr Rwhl-Rs	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Center Rear Whl	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8

Legend for SAS Codes:
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. = blank/missing data

VE DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				No Fuel Tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Aft Ctr Rwhl-Ctr	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Aft Ctr Rwhl-Ls	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Aft Ctr Rwhl-Rs	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Fwd Ctr Rwhl-Ctr	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Fwd Ctr Rwhl-Ls	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Fwd Ctr Rwhl-Rs	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Center Rear Whl	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VE	Type Of Fuel Tank-1	FUELTNK1	FUELTANK	No Fuel Tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Metallic Tank	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Non-Metallic	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Unk Type Tank	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				No Fuel Tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Metallic Tank	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Non-Metallic	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Unk Type Tank	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VE	Fuel Type-1/2	FUELTYP1, FUELTYP2	FUELTYP	No Fuel Tank	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Gasoline	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Diesel	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Cng	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Lpg	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Lng	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Methanol	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Ethanol	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other Hydrogen	8	8	8	8	8	8	8	8	8	8	8	*	*	*
				Hydrogen Fuelcel	*	*	*	*	*	*	*	*	*	*	*	9	9	9
				Lead Acid Battery	10	10	10	10	10	10	10	10	10	10	10	*	*	*
				Nickel-Iron Batt	11	11	11	11	11	11	11	11	11	11	11	*	*	*
				Nickel-Cadmium B	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Sodium Metal Bat	13	13	13	13	13	13	13	13	13	13	13	*	*	*
				Sodium Sulfer Bt	14	14	14	14	14	14	14	14	14	14	14	*	*	*
				Nickel-Metal Hyd	*	*	*	*	*	*	*	*	*	15	15	15	15	15
				Other Battery	18	18	18	18	18	18	18	18	18	18	18	*	*	*
				Unk Battery Typ	97	97	97	97	97	97	97	97	97	97	97	*	*	*

Legend for SAS Codes:
= actual numeric value
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VE DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Other	98	98	98	98	98	98	98	98	98	98	98	*	*	*
				Other-Specify	*	*	*	*	*	*	*	*	*	*	*	98	98	98
				Unk Fuel Type	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VE	Deformation Location (Highest/2nd Highes	GAD1, GAD2	$GAD	Not A Motor Veh	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Unknown	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Back/Trk Back	B	B	B	B	B	B	B	B	B	B	B	B	B	B
				Rear Of Cab	C	C	C	C	C	C	C	C	C	C	C	C	C	C
				Back Of Tractor	D	D	D	D	D	D	D	D	D	D	D	D	D	D
				Front	F	F	F	F	F	F	F	F	F	F	F	F	F	F
				Left Side	L	L	L	L	L	L	L	L	L	L	L	L	L	L
				Noncollision	N	N	N	N	N	N	N	N	N	N	N	N	N	N
				Right Side	R	R	R	R	R	R	R	R	R	R	R	R	R	R
				Top	T	T	T	T	T	T	T	T	T	T	T	T	T	T
				Undercarriage	U	U	U	U	U	U	U	U	U	U	U	U	U	U
				Fr Of Cargo Area	V	V	V	V	V	V	V	V	V	V	V	V	V	V
VE	National Inflation Factor	NATWGT		VALUE	*	*	*	*	*	*	*	*	#	*	*	*	*	*
VE	Object Contacted (Highest/2nd Highest)	OBJCONT1, OBJCONT2	OBJCONT	No Event/Cdc	.	.	.	.	.	.	.	.	.	.	.	.	.	.
				Vehicle No. 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Vehicle No. 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Vehicle No. 3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Vehicle No. 4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Vehicle No. 5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Vehicle No. 6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Vehicle No. 7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Vehicle No. 8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Vehicle No. 9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unk Event/Object	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Vehicle No. 10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				Vehicle No. 11	*	*	11	11	11	11	11	11	11	11	11	11	11	11
				Rollover-Overtrn	31	31	31	31	31	31	31	31	31	31	31	31	31	31
				Rollover-Endover	32	32	32	32	32	32	32	32	32	32	32	32	32	32
				Fire/Explosion	33	33	33	33	33	33	33	33	33	33	33	33	33	33
				Jackknife	34	34	34	34	34	34	34	34	34	34	34	34	34	34
				Intraunit Damage	35	35	35	35	35	35	35	35	35	35	35	35	35	35
				Noncollision Inj	36	36	36	36	36	36	36	36	36	36	36	36	36	36
				Oth Noncollision	38	38	38	38	38	38	38	38	38	38	38	38	38	38
				Unk Noncollision	39	39	39	39	39	39	39	39	39	39	39	39	39	39

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VE DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Small Tree	41	41	41	41	41	41	41	41	41	41	41	41	41	41
				Large Tree	42	42	42	42	42	42	42	42	42	42	42	42	42	42
				Bush	43	43	43	43	43	43	43	43	43	43	43	43	43	43
				Embankment	44	44	44	44	44	44	44	44	44	44	44	44	44	44
				Breakaway Pole	45	45	45	45	45	45	45	45	45	45	45	45	45	45
				Metal Guardrail	*	*	*	*	*	*	*	*	*	*	*	*	46	46
				Cable Guardrail	*	*	*	*	*	*	*	*	*	*	*	*	47	47
				Small Pole	50	50	50	50	50	50	50	50	50	50	50	50	50	50
				Medium Pole	51	51	51	51	51	51	51	51	51	51	51	51	51	51
				Large Pole	52	52	52	52	52	52	52	52	52	52	52	52	52	52
				Unk Size Pole	53	53	53	53	53	53	53	53	53	53	53	53	53	53
				Concrete Barrier	54	54	54	54	54	54	54	54	54	54	54	54	54	54
				Impact Atenuator	55	55	55	55	55	55	55	55	55	55	55	55	55	55
				Other Barrier	56	56	56	56	56	56	56	56	56	56	56	56	*	*
				Other Barrier	*	*	*	*	*	*	*	*	*	*	*	*	56	56
				Fence	57	57	57	57	57	57	57	57	57	57	57	57	57	57
				Wall	58	58	58	58	58	58	58	58	58	58	58	58	58	58
				Building	59	59	59	59	59	59	59	59	59	59	59	59	59	59
				Ditch/Culvert	60	60	60	60	60	60	60	60	60	60	60	60	60	60
				Ground	61	61	61	61	61	61	61	61	61	61	61	61	61	61
				Fire Hydrant	62	62	62	62	62	62	62	62	62	62	62	62	62	62
				Curb	63	63	63	63	63	63	63	63	63	63	63	63	63	63
				Bridge	64	64	64	64	64	64	64	64	64	64	64	64	64	64
				Oth Fixed Object	68	68	68	68	68	68	68	68	68	68	68	68	68	68
				Unk Fixed Object	69	69	69	69	69	69	69	69	69	69	69	69	69	69
				Not In Tran Lgtveh	70	70	70	70	70	70	70	70	70	70	70	*	*	*
				Not In Tran Hvyveh	71	71	71	71	71	71	71	71	71	71	71	*	*	*
				Pedestrian	72	72	72	72	72	72	72	72	72	72	72	72	72	72
				Cyclist	73	73	73	73	73	73	73	73	73	73	73	73	73	73
				Oth Nonmotorist	74	74	74	74	74	74	74	74	74	74	74	74	74	74
				Vehicle Occupant	75	75	75	75	75	75	75	75	75	75	75	75	75	75
				Animal	76	76	76	76	76	76	76	76	76	76	76	76	76	76
				Train	77	77	77	77	77	77	77	77	77	77	77	77	77	*
				Railway Vehicle	*	*	*	*	*	*	*	*	*	*	*	*	*	77
				Trailer, Disconn	78	78	78	78	78	78	78	78	78	78	78	78	78	78
				Obj Fell Frm Veh	79	79	79	79	79	79	79	79	79	79	79	79	79	79
				Oth Nonfixed Obj	88	88	88	88	88	88	88	88	88	88	88	88	88	88

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VE DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Unk Nonfixed Obj	89	89	89	89	89	89	89	89	89	89	89	89	89	89
				Other Event	98	98	98	98	98	98	98	98	98	98	98	98	98	98
VE	Original Average Track Width	ORIGAVTW	ORIGAVTW	VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Clock Direction For Pdof In Degrees (Highe	PDOF1	PDOF	Unknown	*	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Non Horizontal Impact	*	998	998	998	998	998	998	998	998	998	998	998	998	998
VE	Clock Direction For Pdof In Degrees (2nd H	PDOF2	PDOF	Unknown	*	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Non Horizontal Impact	*	998	998	998	998	998	998	998	998	998	998	998	998	998
VE	Primary Sampling Unit Number	PSU		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Ratio Inflation Factor	RATWGT		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Ratio Inflation Factor Untrimmed	RATWGT_U		VALUE	*	*	*	*	*	*	*	*	*	#	*	*	*	*
VE	Crush Profile C1 (2nd Highest)	SDVC1		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Crush Profile C2 (2nd Highest)	SDVC2		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Crush Profile C3 (2nd Highest)	SDVC3		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Crush Profile C4 (2nd Highest)	SDVC4		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Crush Profile C5 (2nd Highest)	SDVC5		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Crush Profile C6 (2nd Highest)	SDVC6		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Crush Profile D (2nd Highest)	SDVD		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Crush Profile L (2nd Highest)	SDVL		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Specific Longitudinal Location (Highest)	SHL1		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Specific Longitudinal Loc. (2nd Highest)	SHL2		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Case Stratum	STRATIF		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Specific Vertical Location (Highest)	SVL1		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Specific Vertical Location (2nd Highest)	SVL2		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Type Of Damage Distribution (Highest/2nd	TDD1, TDD2	$TDD	No CDC														
				Unknown	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Overhang Struct	A	A	A	A	A	A	A	A	A	A	A	A	A	A
				Corner	E	E	E	E	E	E	E	E	E	E	E	E	E	E
				Conversion Impact	K	K	K	K	K	K	K	K	K	K	K	K	K	K
				Narrow Impact	N	N	N	N	N	N	N	N	N	N	N	N	N	N
				Rollover	O	O	O	O	O	O	O	O	O	O	O	O	O	O
				Sideswipe	S	S	S	S	S	S	S	S	S	S	S	S	S	S
				No Residual Def	U	U	U	U	U	U	U	U	U	U	U	U	U	U
				Wide Impact Area	W	W	W	W	W	W	W	W	W	W	W	W	W	W
VE	Researcher Assessmnt Vehicle Disposition	TOWRES	TOWRES	Not Towed	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Towed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VE	Undeformed End Width	UNDENDW		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#

Legend for SAS Codes:

= actual numeric value

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VE DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
VE	Vehicle Number	VEHNO		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VE	Version Number	VERSION		VALUE	9	10	11	12	13	14	15	16	17	18	19	20	20	22
VE	Original Wheelbase	WHEELBAS		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#

Legend for SAS Codes:
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. = blank/missing data

VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
VI	Adaptive (Assistive) Driving Equipment	ADAPTEQ	ADAPTEQ	No Adapt Equip	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Yes Adapt Equip	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
	Knee Bolster Deformed - Occupant Contac	BOLSTDEF	BOLSTDEF	No Knee Bolster	0	0	0	0	0	0	0	0	0	0	0	*	*	*
				No Deformation	1	1	1	1	1	1	1	1	1	1	1	*	*	*
				Yes Deformation	2	2	2	2	2	2	2	2	2	2	2	*	*	*
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	*	*	*
VI	Type Of Knee Bolster Covering	BOLSTYPE	BOLSTYPE	No Knee Bolster	0	0	0	0	0	0	0	0	0	0	0	*	*	*
				Padded	1	1	1	1	1	1	1	1	1	1	1	*	*	*
				Rigid Plastic	2	2	2	2	2	2	2	2	2	2	2	*	*	*
				Other	8	8	8	8	8	8	8	8	8	8	8	*	*	*
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	*	*	*
VI	Case Number - Stratum	CASEID		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VI	Case Sequence Number	CASENO		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VI	1-10st Dominant Crush Direction	CDRIR1-10	CDRIR	Vertical	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Longitudinal	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Lateral	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Catastrophic	7	7	7	7	7	7	7	7	7	7	7	7	7	7
					*	*	*	*	*	*	*	*	*	*	*	*	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Telescoping Steering Column Adjustment	COLMTELE	COLMTELE	No Telesc Column	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Full Back	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Bet Fullbk & Mid	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Midpoint	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Bet Mid & Fulfwd	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Full Forward	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Tilt Steering Column Adjustment	COLMTILT	COLMTILT	No Tilt Column	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Full Up	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Bet Fullup & Ctr	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Center	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Bet Ctr & Fulldn	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Full Down	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Steering Column Type	COLUMTYP	COLUMTYP	Fixed Column	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Tilt Column	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Telescoping Col	3	3	3	3	3	3	3	3	3	3	3	3	3	3

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VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Tilt + Teles Col	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Other Column Type	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Lf Damage/Failure Associated W	FAILLF	DAMFAIL	None/Not Opened	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Operational	1	1	1	1	1	1	1	1	1	1	1	1	*	*
				Operational	*	*	*	*	*	*	*	*	*	*	*	*	1	1
				Latch/Strik Fail	2	2	2	2	2	2	2	2	2	2	2	2	*	*
				Latch/Strik Fail	*	*	*	*	*	*	*	*	*	*	*	*	2	2
				Hinge Failure	3	3	3	3	3	3	3	3	3	3	3	3	*	*
				Hinge Failure	*	*	*	*	*	*	*	*	*	*	*	*	3	3
				Door Struct Fail	4	4	4	4	4	4	4	4	4	4	4	4	*	*
				Door Struct Fail	*	*	*	*	*	*	*	*	*	*	*	*	4	4
				Dr Support Fail	5	5	5	5	5	5	5	5	5	5	5	5	*	*
				Dr Support Fail	*	*	*	*	*	*	*	*	*	*	*	*	5	5
				Ltc/Str+hng Fail	6	6	6	6	6	6	6	6	6	6	6	6	*	*
				Ltc/Str+hng Fail	*	*	*	*	*	*	*	*	*	*	*	*	6	6
				Other Failure	8	8	8	8	8	8	8	8	8	8	8	8	*	*
				Other Failure	*	*	*	*	*	*	*	*	*	*	*	*	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Lr Damage/Failure - Opening In Collision	FAILLR	DAMFAIL	None/Not Opened	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Operational	1	1	1	1	1	1	1	1	1	1	1	1	*	*
				Operational	*	*	*	*	*	*	*	*	*	*	*	*	1	1
				Latch/Strik Fail	2	2	2	2	2	2	2	2	2	2	2	2	*	*
				Latch/Strik Fail	*	*	*	*	*	*	*	*	*	*	*	*	2	2
				Hinge Failure	3	3	3	3	3	3	3	3	3	3	3	3	*	*
				Hinge Failure	*	*	*	*	*	*	*	*	*	*	*	*	3	3
				Door Struct Fail	4	4	4	4	4	4	4	4	4	4	4	4	*	*
				Door Struct Fail	*	*	*	*	*	*	*	*	*	*	*	*	4	4
				Dr Support Fail	5	5	5	5	5	5	5	5	5	5	5	5	*	*
				Dr Support Fail	*	*	*	*	*	*	*	*	*	*	*	*	5	5
				Ltc/Str+hng Fail	6	6	6	6	6	6	6	6	6	6	6	6	*	*
				Ltc/Str+hng Fail	*	*	*	*	*	*	*	*	*	*	*	*	6	6
				Other Failure	8	8	8	8	8	8	8	8	8	8	8	8	*	*
				Other Failure	*	*	*	*	*	*	*	*	*	*	*	*	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Rf Damage/Failure - Opening In Collision	FAILRF	DAMFAIL	None/Not Opened	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Operational	1	1	1	1	1	1	1	1	1	1	1	1	*	*

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Operational	*	*	*	*	*	*	*	*	*	*	*	*	1	1
				Latch/Strik Fail	2	2	2	2	2	2	2	2	2	2	2	2	*	*
				Latch/Strik Fail	*	*	*	*	*	*	*	*	*	*	*	*	2	2
				Hinge Failure	3	3	3	3	3	3	3	3	3	3	3	3	*	*
				Hinge Failure	*	*	*	*	*	*	*	*	*	*	*	*	3	3
				Door Struct Fail	4	4	4	4	4	4	4	4	4	4	4	4	*	*
				Door Struct Fail	*	*	*	*	*	*	*	*	*	*	*	*	4	4
				Dr Support Fail	5	5	5	5	5	5	5	5	5	5	5	5	*	*
				Dr Support Fail	*	*	*	*	*	*	*	*	*	*	*	*	5	5
				Ltc/Str+hng Fail	6	6	6	6	6	6	6	6	6	6	6	6	*	*
				Ltc/Str+hng Fail	*	*	*	*	*	*	*	*	*	*	*	*	6	6
				Other Failure	8	8	8	8	8	8	8	8	8	8	8	8	*	*
				Other Failure	*	*	*	*	*	*	*	*	*	*	*	*	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Rr Damage/Failure - Opening In Collision	FAILRR	DAMFAIL	None/Not Opened	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Operational	1	1	1	1	1	1	1	1	1	1	1	1	*	*
				Operational	*	*	*	*	*	*	*	*	*	*	*	*	1	1
				Latch/Strik Fail	2	2	2	2	2	2	2	2	2	2	2	2	*	*
				Latch/Strik Fail	*	*	*	*	*	*	*	*	*	*	*	*	2	2
				Hinge Failure	3	3	3	3	3	3	3	3	3	3	3	3	*	*
				Hinge Failure	*	*	*	*	*	*	*	*	*	*	*	*	3	3
				Door Struct Fail	4	4	4	4	4	4	4	4	4	4	4	4	*	*
				Door Struct Fail	*	*	*	*	*	*	*	*	*	*	*	*	4	4
				Dr Support Fail	5	5	5	5	5	5	5	5	5	5	5	5	*	*
				Dr Support Fail	*	*	*	*	*	*	*	*	*	*	*	*	5	5
				Ltc/Str+hng Fail	6	6	6	6	6	6	6	6	6	6	6	6	*	*
				Ltc/Str+hng Fail	*	*	*	*	*	*	*	*	*	*	*	*	6	6
				Other Failure	8	8	8	8	8	8	8	8	8	8	8	8	*	*
				Other Failure	*	*	*	*	*	*	*	*	*	*	*	*	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Tg Damage/Failure - Opening In Collision	FAILTG	DAMFAIL	None/Not Opened	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Operational	1	1	1	1	1	1	1	1	1	1	1	1	*	*
				Operational	*	*	*	*	*	*	*	*	*	*	*	*	1	1
				Latch/Strik Fail	2	2	2	2	2	2	2	2	2	2	2	2	*	*
				Latch/Strik Fail	*	*	*	*	*	*	*	*	*	*	*	*	2	2
				Hinge Failure	3	3	3	3	3	3	3	3	3	3	3	3	*	*
				Hinge Failure	*	*	*	*	*	*	*	*	*	*	*	*	3	3

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Door Struct Fail	4	4	4	4	4	4	4	4	4	4	4	4	*	*
				Door Struct Fail	*	*	*	*	*	*	*	*	*	*	*	*	4	4
				Dr Support Fail	5	5	5	5	5	5	5	5	5	5	5	5	*	*
				Dr Support Fail	*	*	*	*	*	*	*	*	*	*	*	*	5	5
				Ltc/Str+hng Fail	6	6	6	6	6	6	6	6	6	6	6	6	*	*
				Ltc/Str+hng Fail	*	*	*	*	*	*	*	*	*	*	*	*	6	6
				Other Failure	8	8	8	8	8	8	8	8	8	8	8	8	*	*
				Other Failure	*	*	*	*	*	*	*	*	*	*	*	*	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Bl Glazing Damage From Impact Forces	GLIMPBL	GLIMP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Damage	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				In Place+cracked	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+holed	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Out-Of-Pl+no Hole	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Out-Of-Pl+holed	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Disintegrated	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				No Glazing	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Lf Glazing Damage From Impact Forces	GLIMPLF	GLIMP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Damage	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				In Place+cracked	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+holed	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Out-Of-Pl+no Hole	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Out-Of-Pl+holed	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Disintegrated	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				No Glazing	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Lr Glazing Damage From Impact Forces	GLIMPLR	GLIMP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Damage	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				In Place+cracked	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+holed	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Out-Of-Pl+no Hole	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Out-Of-Pl+holed	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Disintegrated	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7

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VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				No Glazing	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Other Glazing Damage From Impact Forces	GLIMPOTH	GLIMP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Damage	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				In Place+cracked	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+holed	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Out-Of-Pl+no Hole	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Out-Of-Pl+holed	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Disintegrated	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				No Glazing	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Rf Glazing Damage From Impact Forces	GLIMPRF	GLIMP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Damage	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				In Place+cracked	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+holed	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Out-Of-Pl+no Hole	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Out-Of-Pl+holed	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Disintegrated	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				No Glazing	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Rr Glazing Damage From Impact Forces	GLIMPRR	GLIMP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Damage	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				In Place+cracked	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+holed	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Out-Of-Pl+no Hole	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Out-Of-Pl+holed	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Disintegrated	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				No Glazing	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Roof Glazing Damage From Impact Forces	GLIMPRUF	GLIMP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Damage	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				In Place+cracked	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+holed	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Out-Of-Pl+no Hole	4	4	4	4	4	4	4	4	4	4	4	4	4	4

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VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Out-Of-Pl+holed	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Disintegrated	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				No Glazing	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Ws Glazing Damage From Impact Forces	GLIMPWS	GLIMP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Damage	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				In Place+cracked	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+holed	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Out-Of-Pl+no Hole	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Out-Of-Pl+holed	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Disintegrated	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				No Glazing	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Bl Glazing Damage From Occupant Contac	GLOCCBL	GLOCC	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Occ Contact	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Contact-No Damage	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+cracked	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				In Place+holed	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Out-Of-Pl+no Hole	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Out-Of-Pl+holed	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Disintegrated	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Lf Glazing Damage From Occupant Contac	GLOCCLF	GLOCC	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Occ Contact	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Contact-No Damage	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+cracked	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				In Place+holed	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Out-Of-Pl+no Hole	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Out-Of-Pl+holed	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Disintegrated	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Lr Glazing Damage From Occupant Contac	GLOCCLR	GLOCC	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Occ Contact	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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= actual numeric value
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. = blank/missing data

VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Contact-No Damage	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+cracked	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				In Place+holed	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Out-Of-Pl+no Hole	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Out-Of-Pl+holed	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Disintegrated	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Other Glazing Damage From Occ. Contact	GLOCCOTH	GLOCC	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Occ Contact	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Contact-No Damage	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+cracked	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				In Place+holed	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Out-Of-Pl+no Hole	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Out-Of-Pl+holed	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Disintegrated	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Rf Glazing Damage From Occupant Contac	GLOCCRF	GLOCC	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Occ Contact	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Contact-No Damage	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+cracked	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				In Place+holed	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Out-Of-Pl+no Hole	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Out-Of-Pl+holed	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Disintegrated	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Rr Glazing Damage From Occupant Contac	GLOCCRR	GLOCC	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Occ Contact	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Contact-No Damage	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+cracked	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				In Place+holed	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Out-Of-Pl+no Hole	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Out-Of-Pl+holed	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Disintegrated	8	8	8	8	8	8	8	8	8	8	8	8	8	8

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Roof Glazing Damage From Occ. Contact	GLOCCRUF	GLOCC	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Occ Contact	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Contact-No Damage	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+cracked	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				In Place+holed	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Out-Of-Pl+no Hole	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Out-Of-Pl+holed	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Disintegrated	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Ws Glazing Damage From Occupant Conta	GLOCCWS	GLOCC	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Occ Contact	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Contact-No Damage	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				In Place+cracked	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				In Place+holed	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Out-Of-Pl+no Hole	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Out-Of-Pl+holed	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Disintegrated	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
	Did Glove Compartment Door Open	GLOVOPEN	GLOVOPEN	No Glove Door	0	0	0	0	0	0	0	0	0	0	0	*	*	*
				Door Not Open	1	1	1	1	1	1	1	1	1	1	1	*	*	*
				Door Opened	2	2	2	2	2	2	2	2	2	2	2	*	*	*
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	*	*	*
VI	Bl Window Precrash Glazing Status	GLPREBL	GLPRE	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Fixed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Closed	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Partially Opened	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Fully Opened	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Fixed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Closed	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Partially Opened	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Fully Opened	4	4	4	4	4	4	4	4	4	4	4	4	4	4

Legend for SAS Codes:
= actual numeric value
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. = blank/missing data

VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Fixed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Closed	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Partially Opened	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Fully Opened	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Other Window Precrash Glazing Status	GLPREOTH	GLPRE	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Fixed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Closed	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Partially Opened	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Fully Opened	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Rf Window Precrash Glazing Status	GLPRERF	GLPRE	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Fixed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Closed	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Partially Opened	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Fully Opened	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Rr Window Precrash Glazing Status	GLPRERR	GLPRE	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Fixed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Closed	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Partially Opened	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Fully Opened	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Roof Window Precrash Glazing Status	GLPRERUF	GLPRE	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Fixed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Closed	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Partially Opened	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Fully Opened	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
VI	Ws Window Precrash Glazing Status	GLPREWS	GLPRE	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Fixed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Closed	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Partially Opened	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Fully Opened	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Removed Prior	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Bl Type Of Window/Windshield Glazing	GLTYPBL	GLTYP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				AS-1 - Laminated	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				AS-2 - Tempered	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				AS3Temptint Orig	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				AS2TEMPAFTMK TNT	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				AS3TEMPTINT AFT	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				AS-14 GL/PLASTIC	6	6	6	6	6	6	6	6	6	6	6	*	*	*
				REMOVED PRIOR	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other	8	8	8	8	8	8	8	8	8	8	8	*	*	*
				As-2 Laminated	*	*	*	*	*	*	*	*	*	*	*	11	11	11
				As-2 Lamatm Tint	*	*	*	*	*	*	*	*	*	*	*	12	12	12
				As3 Lamtint Orig	*	*	*	*	*	*	*	*	*	*	*	13	13	13
				As3 Lamtint Amt	*	*	*	*	*	*	*	*	*	*	*	14	14	14
				As6 Flexplastic	*	*	*	*	*	*	*	*	*	*	*	15	15	15
				Other	*	*	*	*	*	*	*	*	*	*	*	98	98	98
VI	Lf Type Of Window/Windshield Glazing	GLTYPLF	GLTYP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				AS-1 - Laminated	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				AS-2 - Tempered	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				AS3Temptint Orig	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				AS2TEMPAFTMK TNT	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				AS3TEMPTINT AFT	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				AS-14 GL/PLASTIC	6	6	6	6	6	6	6	6	6	6	6	*	*	*
				REMOVED PRIOR	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other	8	8	8	8	8	8	8	8	8	8	8	*	*	*
				As-2 Laminated	*	*	*	*	*	*	*	*	*	*	*	11	11	11
				As-2 Lamatm Tint	*	*	*	*	*	*	*	*	*	*	*	12	12	12
				As3 Lamtint Orig	*	*	*	*	*	*	*	*	*	*	*	13	13	13
				As3 Lamtint Amt	*	*	*	*	*	*	*	*	*	*	*	14	14	14

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				As6 Flexplastic	*	*	*	*	*	*	*	*	*	*	*	15	15	15
				Other	*	*	*	*	*	*	*	*	*	*	*	98	98	98
VI	Lr Type Of Window/Windshield Glazing	GLTYPLR	GLTYP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				AS-1 - Laminated	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				AS-2 - Tempered	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				AS3Temptint Orig	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				AS2TEMPAFTMK TNT	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				AS3TEMPTINT AFT	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				AS-14 GL/PLASTIC	6	6	6	6	6	6	6	6	6	6	6	*	*	*
				REMOVED PRIOR	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other	8	8	8	8	8	8	8	8	8	8	8	*	*	*
				As-2 Laminated	*	*	*	*	*	*	*	*	*	*	*	11	11	11
				As-2 Lamatm Tint	*	*	*	*	*	*	*	*	*	*	*	12	12	12
				As3 Lamtint Orig	*	*	*	*	*	*	*	*	*	*	*	13	13	13
				As3 Lamtint Amt	*	*	*	*	*	*	*	*	*	*	*	14	14	14
				As6 Flexplastic	*	*	*	*	*	*	*	*	*	*	*	15	15	15
				Other	*	*	*	*	*	*	*	*	*	*	*	98	98	98
VI	Other Type Of Window/Windshield Glazin	GLTYPOTH	GLTYP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				AS-1 - Laminated	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				AS-2 - Tempered	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				AS3Temptint Orig	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				AS2TEMPAFTMK TNT	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				AS3TEMPTINT AFT	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				AS-14 GL/PLASTIC	6	6	6	6	6	6	6	6	6	6	6	*	*	*
				REMOVED PRIOR	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other	8	8	8	8	8	8	8	8	8	8	8	*	*	*
				As-2 Laminated	*	*	*	*	*	*	*	*	*	*	*	11	11	11
i				As-2 Lamatm Tint	*	*	*	*	*	*	*	*	*	*	*	12	12	12
				As3 Lamtint Orig	*	*	*	*	*	*	*	*	*	*	*	13	13	13
				As3 Lamtint Amt	*	*	*	*	*	*	*	*	*	*	*	14	14	14
				As6 Flexplastic	*	*	*	*	*	*	*	*	*	*	*	15	15	15
				Other	*	*	*	*	*	*	*	*	*	*	*	98	98	98
VI	Rf Type Of Window/Windshield Glazing	GLTYPRF	GLTYP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				AS-1 - Laminated	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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= actual numeric value
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. = blank/missing data

VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				AS-2 - Tempered	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				AS3Temptint Orig	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				AS2TEMPAFTMK TNT	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				AS3TEMPTINT AFT	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				AS-14 GL/PLASTIC	6	6	6	6	6	6	6	6	6	6	6	*	*	*
				REMOVED PRIOR	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other	8	8	8	8	8	8	8	8	8	8	8	*	*	*
				As-2 Laminated	*	*	*	*	*	*	*	*	*	*	*	11	11	11
				As-2 Lamatm Tint	*	*	*	*	*	*	*	*	*	*	*	12	12	12
				As3 Lamtint Orig	*	*	*	*	*	*	*	*	*	*	*	13	13	13
				As3 Lamtint Amt	*	*	*	*	*	*	*	*	*	*	*	14	14	14
				As6 Flexplastic	*	*	*	*	*	*	*	*	*	*	*	15	15	15
				Other	*	*	*	*	*	*	*	*	*	*	*	98	98	98
VI	Rr Type Of Window/Windshield Glazing	GLTYPRR	GLTYP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				AS-1 - Laminated	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				AS-2 - Tempered	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				AS3Temptint Orig	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				AS2TEMPAFTMK TNT	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				AS3TEMPTINT AFT	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				AS-14 GL/PLASTIC	6	6	6	6	6	6	6	6	6	6	6	*	*	*
				REMOVED PRIOR	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other	8	8	8	8	8	8	8	8	8	8	8	*	*	*
				As-2 Laminated	*	*	*	*	*	*	*	*	*	*	*	11	11	11
				As-2 Lamatm Tint	*	*	*	*	*	*	*	*	*	*	*	12	12	12
				As3 Lamtint Orig	*	*	*	*	*	*	*	*	*	*	*	13	13	13
				As3 Lamtint Amt	*	*	*	*	*	*	*	*	*	*	*	14	14	14
				As6 Flexplastic	*	*	*	*	*	*	*	*	*	*	*	15	15	15
				Other	*	*	*	*	*	*	*	*	*	*	*	98	98	98
VI	Roof Type Of Window/Windshield Glazing	GLTYPRUF	GLTYP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				AS-1 - Laminated	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				AS-2 - Tempered	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				AS3Temptint Orig	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				AS2TEMPAFTMK TNT	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				AS3TEMPTINT AFT	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				AS-14 GL/PLASTIC	6	6	6	6	6	6	6	6	6	6	6	*	*	*

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. = blank/missing data

VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				REMOVED PRIOR	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other	8	8	8	8	8	8	8	8	8	8	8	*	*	*
				As-2 Laminated	*	*	*	*	*	*	*	*	*	*	*	11	11	11
				As-2 Lamatm Tint	*	*	*	*	*	*	*	*	*	*	*	12	12	12
				As3 Lamtint Orig	*	*	*	*	*	*	*	*	*	*	*	13	13	13
				As3 Lamtint Amt	*	*	*	*	*	*	*	*	*	*	*	14	14	14
				As6 Flexplastic	*	*	*	*	*	*	*	*	*	*	*	15	15	15
				Other	*	*	*	*	*	*	*	*	*	*	*	98	98	98
VI	Ws Type Of Window/Windshield Glazing	GLTYPWS	GLTYP	No Glazing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				AS-1 - Laminated	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				AS-2 - Tempered	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				AS3Temptint Orig	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				AS2TEMPAFTMK TNT	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				AS3TEMPTINT AFT	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				AS-14 GL/PLASTIC	6	6	6	6	6	6	6	6	6	6	6	*	*	*
				REMOVED PRIOR	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other	8	8	8	8	8	8	8	8	8	8	8	*	*	*
				As-2 Laminated	*	*	*	*	*	*	*	*	*	*	*	11	11	11
				As-2 Lamatm Tint	*	*	*	*	*	*	*	*	*	*	*	12	12	12
				As3 Lamtint Orig	*	*	*	*	*	*	*	*	*	*	*	13	13	13
				As3 Lamtint Amt	*	*	*	*	*	*	*	*	*	*	*	14	14	14
				As6 Flexplastic	*	*	*	*	*	*	*	*	*	*	*	15	15	15
				Other	*	*	*	*	*	*	*	*	*	*	*	98	98	98
VI	1-10st Intruding Component	INCOMP1-10	INCOMP	Steer Assembly	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Instr Panel Left	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Instr Panel Ctr	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Instr Panel Rt	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Toe Pan	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				A-Pillar	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				B-Pillar	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				C-Pillar	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				D-Pillar	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Front Side Panel	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				Door Panel	11	11	11	11	11	11	11	11	11	11	11	11	*	*
				Rear Side Panel	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Legend for SAS Codes:
= actual numeric value
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. = blank/missing data

VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Roof/Convert Top	13	13	13	13	13	13	13	13	13	13	13	13	13	13
				Roof Side Rail	14	14	14	14	14	14	14	14	14	14	14	14	14	14
				Windshield	15	15	15	15	15	15	15	15	15	15	15	15	15	15
				Windshield Hdr	16	16	16	16	16	16	16	16	16	16	16	16	16	16
				Window Frame	17	17	17	17	17	17	17	17	17	17	17	17	17	17
				Floor Pan	18	18	18	18	18	18	18	18	18	18	18	18	18	18
				Backlight Header	19	19	19	19	19	19	19	19	19	19	19	19	19	19
				Front Seat Back	20	20	20	20	20	20	20	20	20	20	20	20	20	20
				Second Seat Back	21	21	21	21	21	21	21	21	21	21	21	21	21	21
				Third Seat Back	22	22	22	22	22	22	22	22	22	22	22	22	22	22
				Fourth Seat Back	23	23	23	23	23	23	23	23	23	23	23	23	23	23
				Fifth Seat Back	24	24	24	24	24	24	24	24	24	24	24	24	24	24
				Seat Cushion	25	25	25	25	25	25	25	25	25	25	25	25	25	25
				Back Door/Panel	26	26	26	26	26	26	26	26	26	26	26	26	26	26
				Other Component	27	27	27	27	27	27	27	27	27	27	27	27	27	27
				Hood	30	30	30	30	30	30	30	30	30	30	30	30	30	30
				Outside Surface	31	31	31	31	31	31	31	31	31	31	31	31	31	31
				Oth Exterior Obj	32	32	32	32	32	32	32	32	32	32	32	32	32	32
				Unk Exterior Obj	33	33	33	33	33	33	33	33	33	33	33	33	33	33
				Door/Forward Upper Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	35	35
				Door/Forward Lower Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	36	36
				Door/Rear Upper Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	37	37
				Door/Rear Lower Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	38	38
				Door/Undetermined Location	*	*	*	*	*	*	*	*	*	*	*	*	41	41
				Multiple/Other Severe Intrusions	*	*	*	*	*	*	*	*	*	*	*	*	96	96
				Catastrophic	97	97	97	97	97	97	97	97	97	97	97	97	97	97
				Unlist Component	98	98	98	98	98	98	98	98	98	98	98	98	98	98
VI	1-10st Location Of Intrusion	INLOC1-10	INLOC	Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Front Left	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				Front Middle	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Front Right	13	13	13	13	13	13	13	13	13	13	13	13	13	13
				Second Left	21	21	21	21	21	21	21	21	21	21	21	21	21	21
				Second Middle	22	22	22	22	22	22	22	22	22	22	22	22	22	22
				Second Right	23	23	23	23	23	23	23	23	23	23	23	23	23	23
				Third Left	31	31	31	31	31	31	31	31	31	31	31	31	31	31
				Third Middle	32	32	32	32	32	32	32	32	32	32	32	32	32	32
				Third Right	33	33	33	33	33	33	33	33	33	33	33	33	33	33

Legend for SAS Codes:
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VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Fourth Left	41	41	41	41	41	41	41	41	41	41	41	41	41	41
				Fourth Middle	42	42	42	42	42	42	42	42	42	42	42	42	42	42
				Fourth Right	43	43	43	43	43	43	43	43	43	43	43	43	43	43
				Multiple/Other Severe Intrusions	*	*	*	*	*	*	*	*	*	*	*	*	88	88
				Catastrophic	97	97	97	97	97	97	97	97	97	97	97	97	97	97
				Oth Enclose Area	98	98	98	98	98	98	98	98	98	98	98	98	98	98
VI	1-10st Magnitude Of Intrusion	INMAG1-10	INMAG	3-7 Centimeters	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				8-14 Centimeters	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				15-29 Centimeter	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				30-45 Centimeter	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				46-60 Centimeter	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				61 Or More Cm	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Catastrophic	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Multiple/Other Severe Intrusions	*	*	*	*	*	*	*	*	*	*	*	*	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	National Inflation Factor	NATWGT		VALUE	*	*	*	*	*	*	*	*	#	*	*	*	*	*
VI	Odometer Reading	ODOMETER	ODOMETER	No Odometer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Less Than 150okm	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				499500km Or More	500	500	500	500	500	500	500	500	500	500	500	500	500	500
VI	Lf Door, Tailgate Or Hatch Opening	OPENLF	OPEN	No Dr/Gate/Hatch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Remained Closed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Came Open	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Jammed Shut	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				No Dr/Gate/Hatch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VI	Lr Door, Tailgate Or Hatch Opening	OPENLR	OPEN	Remained Closed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Came Open	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Jammed Shut	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Rf Door, Tailgate Or Hatch Opening	OPENRF	OPEN	No Dr/Gate/Hatch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Remained Closed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Came Open	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Jammed Shut	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8

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VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Rr Door, Tailgate Or Hatch Opening	OPENRR	OPEN	No Dr/Gate/Hatch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Remained Closed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Came Open	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Jammed Shut	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Tg Door, Tailgate Or Hatch Opening	OPENTG	OPEN	No Dr/Gate/Hatch	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Remained Closed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Came Open	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Jammed Shut	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
VI	Instrument Panel Damage - Occ. Contact	PANELDAM	PANELDAM	Not Collected	*	*	*	*	*	*	*	*	*	*	*	*	.	*
				No	0	0	0	0	0	0	0	0	0	0	0	0	0	*
				Yes	1	1	1	1	1	1	1	1	1	1	1	1	1	*
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	2	*
VI	Passenger Compartment Integrity	PASINTEG	PASINTEG	No Loss	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Windshield	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Side Door	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Back Door/Hatch	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Roof	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Roof Glass	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Side Window	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Rear Window	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Roof+roof Glass	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Windshield+door	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Windshield+roof	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				Side+rear Window	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				Ws + Side Window	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Door+side Window	13	13	13	13	13	13	13	13	13	13	13	13	13	13
				Oth Combination	98	98	98	98	98	98	98	98	98	98	98	98	98	98
VI	Post Crash Integrity Loss	POSTINT	POSTINT	No/Unknown	*	*	*	*	*	*	*	*	*	*	*	*	*	0
				Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	0
VI	Primary Sampling Unit Number	PSU		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VI	Ratio Inflation Factor	RATWGT		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#

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VI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
VI	Ratio Inflation Factor Untrimmed	RATWGT_U		VALUE	*	*	*	*	*	*	*	*	*	#	*	*	*	*
VI	Location Steering Rim/Spoke Deformation	RDEFLOC	RDEFLOC	No Deformation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Section A	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Section B	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Section C	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Section D	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Upper Half	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Lower Half	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Left Half	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Right Half	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Complete Colapse	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Undetermined	10	10	10	10	10	10	10	10	10	10	10	10	10	10
VI	Steering Rim/Spoke Deformation	RIMDEF	RIMDEF	No Deformation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				1 Centimeter	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				2 Centimeters	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				3 Centimeters	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				4 Centimeters	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				5 Centimeters	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				6 Centimeters	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				7 Centimeters	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				8 Centimeters	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				9 Centimeters	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				10 Centimeters	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				11 Centimeters	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				12 Centimeters	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				13 Centimeters	13	13	13	13	13	13	13	13	13	13	13	13	13	13
				14 Centimeters	14	14	14	14	14	14	14	14	14	14	14	14	14	14
				15 Cm Or More	15	15	15	15	15	15	15	15	15	15	15	15	15	15
				Cannot Measure	98	98	98	98	98	98	98	98	98	98	98	98	98	98
VI	Case Stratum	STRATIF		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VI	Vehicle Number	VEHNO		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
VI	Version Number	VERSION		VALUE	9	10	11	12	13	14	15	16	17	18	19	20	20	22

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OA DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
OA	Automatic Belt System Availability/Func	ABELTAVL	ABELTAVL	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				2 Point Belts	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				3 Point Belts	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Unk Type Belts	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Belts Destr/Disc	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Automatic Belt (Passive) System Use	ABELTUSE	ABELTUSE	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Belt In Use	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Belt Not In Use	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Belt Use Unknown	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Automatic (Passive) Belt System Type	ABELTYPE	ABELTYPE	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Non-Motorized	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Motorized System	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Automatic (Passive) Belt Malfunctions Modes During Cras	ABLTFAIL	ABLTFAIL	Not Used/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Belt Failure	1	1	1	1	1	1	1	1	1	1	1	1	*	*
				No Belt Failure	*	*	*	*	*	*	*	*	*	*	*	*	1	1
				Torn Webbing	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Brok Bukle/Latch	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Up Anchorage Sep	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Oth Anchor Sep	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Broken Retractor	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Combination	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Oth Belt Failure	8	8	8	8	8	8	8	8	8	8	8	8	*	*
				Oth Belt Failure	*	*	*	*	*	*	*	*	*	*	*	*	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Structural Fail	*	*	*	*	*	*	*	*	*	*	*	10	*	*
				Structural Fail	*	*	*	*	*	*	*	*	*	*	*	*	10	10
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
	Proper Use Of Auto (Passive) Belt System	ABLTPROP	ABLTPROP	Not Equip/Avail	0	0	0	0	0	0	0	.	.	.	*	*	*	*
				Used Properly	1	1	1	1	1	1	1	.	.	.	*	*	*	*
				Use Ok W/Ch Seat	2	2	2	2	2	2	2	.	.	.	*	*	*	*
				Shbelt Under Arm	3	3	3	3	3	3	3	.	.	.	*	*	*	*
				Shbelt Behind Bk	4	4	4	4	4	4	4	.	.	.	*	*	*	*
				Around >1 Person	5	5	5	5	5	5	5	.	.	.	*	*	*	*
				Belt On Abdomen	6	6	6	6	6	6	6	.	.	.	*	*	*	*
				Improp W/Ch Seat	7	7	7	7	7	7	7	.	.	.	*	*	*	*
				Oth Improper Use	8	8	8	8	8	8	8	.	.	.	*	*	*	*
				Unknown	.U	.U	.U	.U	.U	.U	.U	.	.	.	*	*	*	*
OA	Age Of Occupant	AGE	AGE	Less Than One Yr	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				97 Years + Over	97	97	97	97	97	97	97	97	97	97	97	97	97	97
OA	Air Bag System Availability	BAGAVAIL	BAGAVAIL	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Airbag	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Bag Disconnected	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Bag Not Reinstal	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
OA	Other Frontal Air Bag Availability/Function	BAGAVOTH	BAGAVOTH	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Airbag	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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OA DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Bag Disconnected	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Bag Not Reinstal	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Police Reported Airbag Availability/Function	BAGAVRPT	BAGAVRPT	None Available	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Not Indicated	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Deployed	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Not Deployed	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Unk If Deployed	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
OA	CDC For Air Bag Deployment Impact	BAGCDC	BAGCDC	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Highest Delta V	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				2nd High Delta V	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Other Delta V	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Deploy/Unk Event	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Not Deployed	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unk If Deployed	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Air Bag Contacted By Another Occupant	BAGCONOT	BAGCONOT	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	*	*	*
				No	1	1	1	1	1	1	1	1	1	1	1	*	*	*
				Yes	2	2	2	2	2	2	2	2	2	2	2	*	*	*
				Deploy/Unk Contk	3	3	3	3	3	3	3	3	3	3	3	*	*	*
				Not Deployed	7	7	7	7	7	7	7	7	7	7	7	*	*	*
				Unk If Deployed	8	8	8	8	8	8	8	8	8	8	8	*	*	*
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	*	*	*
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Was There Damage To The Air Bag	BAGDAMAG	BAGDAMAG	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Not Damaged	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Ruptured	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Cut	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Torn	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Holed	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Burned	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Abraded	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Other Damage	88	88	88	88	88	88	88	88	88	88	88	88	88	88
				Damaged Det Unk	95	95	95	95	95	95	95	95	95	95	95	95	95	95
				Deploy/Unk Dam	96	96	96	96	96	96	96	96	96	96	96	96	96	96
				Not Deployed	97	97	97	97	97	97	97	97	97	97	97	97	97	97
				Unk If Deployed	98	98	98	98	98	98	98	98	98	98	98	98	98	98
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Source Of Air Bag Damage	BAGDAMSO	BAGDAMSO	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Not Damaged	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Obj Worn By Occ	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Obj Carry By Occ	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Adapt/Assist Ctl	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Fire In Vehicle	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Thermal Burns	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Rescue/Emer Efrt	7	7	7	7	7	7	7	7	7	7	7	7	*	*
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Oth Damage Sou	88	88	88	88	88	88	88	88	88	88	88	88	88	88
				Post Crash Damage	*	*	*	*	*	*	*	*	*	*	*	*	*	94

Legend for SAS Codes:
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OA DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Damaged Unk Sou	95	95	95	95	95	95	95	95	95	95	95	95	95	95
				Deploy/Unk Dam	96	96	96	96	96	96	96	96	96	96	96	96	96	96
				Not Deployed	97	97	97	97	97	97	97	97	97	97	97	97	97	97
				Unk If Deployed	98	98	98	98	98	98	98	98	98	98	98	98	98	98
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Air Bag System Deployed	BAGDEPLY	BAGDEPLY	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Bag Deployed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Bag Deply Inadv	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Bag Deploy Undet	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Bag Deploy-Nocol	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Unk If Deployed	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Nondeployed	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Other Air Bag System Deployment	BAGDEPOT	BAGDEPLY	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Bag Deployed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Bag Deply Inadv	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Bag Deploy Undet	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Bag Deploy-Nocol	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Unk If Deployed	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Nondeployed	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Air Bag Deployment Accident Event Sequence Number	BAGEVENT	BAGEVENT	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Deploy/Unk Event	96	96	96	96	96	96	96	96	96	96	96	96	96	96
				Not Deployed	97	97	97	97	97	97	97	97	97	97	97	97	97	97
				Unk If Deployed	98	98	98	98	98	98	98	98	98	98	98	98	98	98
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Air Bag System Failure	BAGFAIL	BAGFAIL	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Failure	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Yes Failure	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Were Air Bag Module Cover Flaps Damaged	BAGFLDAM	BAGFLDAM	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Yes	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Deploy/Unk Fldam	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Not Deployed	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unk If Deployed	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Did Air Bag Module Cover Flaps Open At Desg Tear Pts	BAGFLOPN	BAGFLOPN	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Yes	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Deploy/Unk Flopn	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Not Deployed	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unk If Deployed	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Prior Maintenance/Service On Air Bag	BAGMAINT	BAGMAINT	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Prior Maint	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Yes Prior Maint	2	2	2	2	2	2	2	2	2	2	2	2	2	2

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OA DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Was The Air Bag Tethered	BAGTETHR	BAGTETHR	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	*	*	*	*
				No	1	1	1	1	1	1	1	1	1	1	*	*	*	*
				Yes	2	2	2	2	2	2	2	2	2	2	*	*	*	*
				Deploy/Unk Tethr	3	3	3	3	3	3	3	3	3	3	*	*	*	*
				Not Deployed	7	7	7	7	7	7	7	7	7	7	*	*	*	*
				Unk If Deployed	8	8	8	8	8	8	8	8	8	8	*	*	*	*
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	*	*	*	*
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Type of Air Bag	BAGTYPE	BAGTYPE	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Original Air Bag	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Retrofit Air Bag	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Replaced Air Bag	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Unk Type Air Bag	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Did The Airbag Have Vent Ports	BAGVENTS	BAGVENTS	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	*	*	*	*
				No	1	1	1	1	1	1	1	1	1	1	*	*	*	*
				Yes	2	2	2	2	2	2	2	2	2	2	*	*	*	*
				Deploy/Unk Vents	3	3	3	3	3	3	3	3	3	3	*	*	*	*
				Not Deployed	7	7	7	7	7	7	7	7	7	7	*	*	*	*
				Unk If Deployed	8	8	8	8	8	8	8	8	8	8	*	*	*	*
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	*	*	*	*
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Shoulder Belt Upper Anchorage Adjustment	BELTANCH	BELTANCH	No Shoulder Belt	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Upper Anchor	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Full Up	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Mid Position	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Full Down	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Position Unk	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Primary Source Of Belt Use Determination	BELTSOU	BELTSOU	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Vehicle Inspect	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Off Injury Data	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Dr/Occ Interview	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unk If Belt Used	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Arterial Blood Gases (Abg) Hc03	BICARB	BICARB	Not Injured	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Inj-Abg Not Meas	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Unk If Injured	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Abg Rpt-Hco Unk	96	96	96	96	96	96	96	96	96	96	96	96	96	96
				Injured-Det Unk	97	97	97	97	97	97	97	97	97	97	97	97	97	97
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Was The Occupant Given Blood?	BLOOD	BLOOD	No	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Yes	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Case Number - Stratum	CASEID		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OA	Case Sequence Number	CASENO		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OA	1st Medically Reported Cause Of Death	CAUSE1, CAUSE2, CAUSE3	CAUSE	Not Fatal/No Add	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

OA DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				No Specific Inj	96	96	96	96	96	96	96	96	96	96	96	96	96	96
				Other Result	97	97	97	97	97	97	97	97	97	97	97	97	97	97
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Child Safety Seat Harness Usage	CHHARNES	CHHARNES	No child safety seat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Not designed w/harness, after market H added, not used	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Not designed w/harness, after market H added, used	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Not designed w/harness, CSS used, but no after market H added	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Not designed w/harness, unk. if H added or used	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Designed w/harness, H not used	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				Designed w/harness, H used	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Designed w/harness, unk. If H used	19	19	19	19	19	19	19	19	19	19	19	19	19	19
				Unk if designed w/harness, H not used	21	21	21	21	21	21	21	21	21	21	21	21	21	21
				Unk if designed w/harness, H used	22	22	22	22	22	22	22	22	22	22	22	22	22	22
				Unk if designed w/harness, unk. if H used	29	29	29	29	29	29	29	29	29	29	29	29	29	29
				Unknown if child safety seat used	99	99	99	99	99	99	99	99	99	99	99	99	99	99
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Child Safety Seat Make/Model	CHMAKE	CHMAKE		#	#	#	#	#	#	#	#	#	#	#	#	#	#
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Child Safety Seat Orientation	CHORIENT	CHORIENT	No child safety seat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Rear facing design, rear facing	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Rear facing design, forward facing	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Rear facing design, other orientation	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Rear facing design, unknown orientation	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Forward facing design, rear facing	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				Forward facing design, forward facing	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Forward facing design, other orientation	18	18	18	18	18	18	18	18	18	18	18	18	18	18
				Forward facing design, unknown orientation	19	19	19	19	19	19	19	19	19	19	19	19	19	19
				Unknown design, rear facing	21	21	21	21	21	21	21	21	21	21	21	21	21	21
				Unknown design, forward facing	22	22	22	22	22	22	22	22	22	22	22	22	22	22
				Unknown design, other orientation	28	28	28	28	28	28	28	28	28	28	28	28	28	28
				Unknown design, unknown orientation	29	29	29	29	29	29	29	29	29	29	29	29	29	29
				Unknown if child safety seat used	99	99	99	99	99	99	99	99	99	99	99	99	99	99
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Child Safety Seat Shield Usage	CHSHIELD	CHSHIELD	No child safety seat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Not designed w/shield, after market S added, not used	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Not designed w/shield, after market S added, used	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Not designed w/shield, CSS used, but no after market S added	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Not designed w/shield, unk. if S added or used	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Designed w/shield, S not used	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				Designed w/shield, S used	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Designed w/shield, unk. if S used	19	19	19	19	19	19	19	19	19	19	19	19	19	19
				Unk if designed w/shield, S not used	21	21	21	21	21	21	21	21	21	21	21	21	21	21
				Unk if designed w/shield, S used	22	22	22	22	22	22	22	22	22	22	22	22	22	22
				Unk if designed w/shield, unk. if S used	29	29	29	29	29	29	29	29	29	29	29	29	29	29
				Unknown if child safety seat used	99	99	99	99	99	99	99	99	99	99	99	99	99	99
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Child Safety Seat Tether Usage	CHTETHER	CHTETHER	No child safety seat	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Not designed w/tether, after market T added, not used	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Not designed w/tether, after market T added, used	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Not designed w/tether, CSS used, but no after market T added	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Not designed w/tether, unk. if T added or used	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Designed w/tether, T not used	11	11	11	11	11	11	11	11	11	11	11	11	11	11

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

OA DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Designed w/tether, T used	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Designed w/tether, unk. if T used	19	19	19	19	19	19	19	19	19	19	19	19	19	19
				Unk if designed w/tether, T not used	21	21	21	21	21	21	21	21	21	21	21	21	21	21
				Unk if designed w/tether, T used	22	22	22	22	22	22	22	22	22	22	22	22	22	22
				Unk if designed w/tether, unk. if T used	29	29	29	29	29	29	29	29	29	29	29	29	29	29
				Unknown if child safety seat used	99	99	99	99	99	99	99	99	99	99	99	99	99	99
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Type of Child Safety Seat	CHTYPE	CHTYPE	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Infant Seat	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Toddler Seat	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Convertible	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Booster W/ Shld	4	*	*	*	*	*	*	*	*	*	*	*	4	4
				Booster W/O Shld	5	*	*	*	*	*	*	*	*	*	*	*	5	5
				Booster	*	4	4	4	4	4	4	4	4	4	4	4	*	*
				Other Seat	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unknown Type	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown If Used	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Child Seat Used	CHUSED	CHUSED	No	*	*	*	*	*	*	*	*	*	*	*	*	*	0
				Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	1
				Unknown	*	*	*	*	*	*	*	*	*	*	*	*	*	.U
OA	Time To Death	DEATH		Not fatal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				Fatal - ruled disease	96	96	96	96	96	96	96	96	96	96	96	96	96	96
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Longitudinal Component Of Delta V For Air Bag	DVBAG		Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				Deploy/Unk D V	996	996	996	996	996	996	996	996	996	996	996	996	996	996
				Not Deployed	997	997	997	997	997	997	997	997	997	997	997	997	997	997
				Unk If Deployed	998	998	998	998	998	998	998	998	998	998	998	998	998	998
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Ejection Area	EJCTAREA	EJCTAREA	No Ejection	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Windshield	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Left Front	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Right Front	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Left Rear	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Right Rear	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Rear	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Roof	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other Area	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Ejection Medium	EJCTMED	EJCTMED	No Ejection	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Dr/Htch/Tailgate	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Nonfixed Roof	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Fixed Glazing	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Nonfixed Glazing	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Integral Struct	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Other Medium	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.

Legend for SAS Codes:
= actual numeric value
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. = blank/missing data

OA DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
OA	Ejection	EJECTION	EJECTION	No Ejection	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Complete Eject	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Partial Ejection	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Ejection Unk Deg	*	*	*	*	*	*	*	*	*	*	*	3	3	3
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Entrapment	ENTRAP	ENTRAP	Not Entrapped	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Entrapped	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Jammed Door/Fire	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Ext Circumstanc	*	*	*	*	*	*	*	*	*	*	*	3	3	3
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Was The Occupant Wearing Eye-Wear	EYEWEAR	EYEWEAR	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Eye/Sun Glasses	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Contact Lenses	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Deploy/Unk Eyew	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Not Deployed	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unk If Deployed	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
OA	Fetal Mortality	FETALDOA	FETALDOA	Yes	*	*	*	*	*	*	*	*	*	*	*	*	1	1
				No Or Unknown	*	*	*	*	*	*	*	*	*	*	*	*	2	2
				Not Applicable	*	*	*	*	*	*	*	*	*	*	*	*	8	8
OA	Glasgow Coma Scale (GCS) Score	GLASGOW	GLASGOW	Not Injured	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Injured-No Treat	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				No Gcs Score	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Unk If Injured	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Injured-Det Unk	97	97	97	97	97	97	97	97	97	97	97	97	97	97
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Head Restraint Type/Damage By Occupant	HEADREST	HEADREST	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Integ/No Damage	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Integral/Damaged	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Adjust/No Damage	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Adjust/Damaged	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Add-On/No Damage	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Add-On/Damaged	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Height Of Occupant	HEIGHT	HEIGHT	VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				219.5 Cm + Over	220	220	220	220	220	220	220	220	220	220	220	220	220	220
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
OA	Hospital Stay	HOSPSTAY	HOSPSTAY	Not Hospitalized	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				61 Days Or More	61	61	61	61	61	61	61	61	61	61	61	61	61	61
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Number Recorded Injuries This Occupant	INJNUM	INJNUM	No Rec Injuries	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				Unknown If Inj	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Injured Det Unk	97	97	97	97	97	97	97	97	97	97	97	97	97	97
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Injury Severity (Police Rating)	INJSEV	INJSEV	O No Injury	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Legend for SAS Codes:
= actual numeric value
* = attribute not valid for this data year
. = blank/missing data

OA DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				C Possible Inj	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				B Nonincapac	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				A Incapacitating	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				K Killed	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				U Severity Unk	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Died Prior	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
OA	Injury Severity Score	ISS		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Maximum Known Occupant AIS	MAIS	AIS	Not Injured	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Minor Injury	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Moderate Injury	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Serious Injury	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Severe Injury	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Critical Injury	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Maximum Injury	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Injured, Unk Sev	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Unk If Injured	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Manual Belt System Availability	MANAVAIL	MANAVAIL	Not Available	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Remove/Destroyed	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Shoulder Belt	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Lap Belt	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Lap And Shoulder	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Type Unknown	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Shbelt/Lap Destr	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Lap Belt/Sh Destr	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other Belt	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Manual Belt Malfunction Modes During Accident	MANFAIL	MANFAIL	Not Used/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Failure	1	1	1	1	1	1	1	1	1	1	1	1	*	*
				No Failure	*	*	*	*	*	*	*	*	*	*	*	*	1	1
				Torn Webbing	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Brok Bukle/Latch	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Up Anchorage Sep	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Oth Anchor Separ	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Broken Retractor	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Combination	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other Failure	8	8	8	8	8	8	8	8	8	8	8	8	*	*
				Other Failure	*	*	*	*	*	*	*	*	*	*	*	*	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Proper Use of Manual Belts	MANPROPR	MANPROPR	None Used/Avail	0	0	0	0	0	0	0	.	.	.	*	*	*	*
				Used Properly	1	1	1	1	1	1	1	.	.	.	*	*	*	*
				Use OK W/Ch Seat	2	2	2	2	2	2	2	.	.	.	*	*	*	*
				Shbelt Under Arm	3	3	3	3	3	3	3	.	.	.	*	*	*	*
				Shbelt Behind St	4	4	4	4	4	4	4	.	.	.	*	*	*	*
				Around>1 Person	5	5	5	5	5	5	5	.	.	.	*	*	*	*
				Belt On Abdomen	6	6	6	6	6	6	6	.	.	.	*	*	*	*
				Improp W/Ch Seat	7	7	7	7	7	7	7	.	.	.	*	*	*	*
				Oth Improper Use	8	8	8	8	8	8	8	.	.	.	*	*	*	*
				Unknown	.U	.U	.U	.U	.U	.U	.U	.	.	.	*	*	*	*

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OA DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Manual Belt System Use	MANUSE	MANUSE	None Used/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Inoperative	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Shoulder Belt	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Lap Belt	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Lap And Shoulder	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Type Unknown	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Other Belt	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown If Used	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Shlder W/Ch Seat	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Lap W/Ch Seat	13	13	13	13	13	13	13	13	13	13	13	13	13	13
				Lap+sh W/Ch Seat	14	14	14	14	14	14	14	14	14	14	14	14	14	14
				W/Ch Seat-Tp Unk	15	15	15	15	15	15	15	15	15	15	15	15	15	15
				W/Ch Seat-Other	18	18	18	18	18	18	18	18	18	18	18	18	18	18
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Type Medical Facility Initial Treatment	MEDFACIL	MEDFACIL	Not Med Facility	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Trauma Center	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Hospital	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Medical Clinic	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Physician Office	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Later At Facility	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Medium Status (Prior To Impact)	MEDSTA	MEDSTA	No Ejection	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Open	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Closed	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Integral Struct	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	National Inflation Factor	NATWGT		VALUE	*	*	*	*	*	*	*	*	#	*	*	*	*	*
OA	Occupant Mobility	OCCMOBIL	OCCMOBIL	Occupant Fatal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Removed Unconsc	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Removed Injured	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Exited W/ Assist	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Exited Own Power	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Fully Ejected	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Removed from vehicle for other reasons	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Occupant Race	OCCRACE	OCCRACE	White	*	*	*	*	*	*	*	*	*	*	*	*	*	1
				Black	*	*	*	*	*	*	*	*	*	*	*	*	*	2
				Asian	*	*	*	*	*	*	*	*	*	*	*	*	*	3
				Native Hawaiian or other Pacific Islander	*	*	*	*	*	*	*	*	*	*	*	*	*	4
				American Native or Alaskan Native	*	*	*	*	*	*	*	*	*	*	*	*	*	5
				Other	*	*	*	*	*	*	*	*	*	*	*	*	*	7
				No driver present	*	*	*	*	*	*	*	*	*	*	*	*	*	8
				Unknown	*	*	*	*	*	*	*	*	*	*	*	*	*	.U
OA	Occupant Number	OCCNO		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OA	Occupant Ethnicity	OCETHNIC	OCETHNIC	Hispanic or Latino	*	*	*	*	*	*	*	*	*	*	*	*	*	1
				Not Hispanic or Latino	*	*	*	*	*	*	*	*	*	*	*	*	*	2
				No driver present	*	*	*	*	*	*	*	*	*	*	*	*	*	8
				Unknown	*	*	*	*	*	*	*	*	*	*	*	*	*	.U

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OA DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
OA	Police Reported Restraint Use	PARUSE	PARUSE	None Used	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Not Indicated	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Shoulder Belt	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Lap Belt	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Lap/Shoulder	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Belt Used-Tp Unk	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Child Seat	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Automatic Belt	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other Type Belt	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown If Used	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
OA	Occupant's Posture	POSTURE	POSTURE	Normal Posture	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Kneeling On Seat	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Lying On Seat	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Kneel/Fr Of Seat	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Sitting Sideways	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Sit On Console	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Lying-Seat Back	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Bracing W/Feet	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other Ab Posture	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Had Vehicle Been In Previous Accidents	PREVACC	PREVACC	Not Equip/Avail	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Previous Acc	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Prevacc W/O Depl	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				1 Prevacc W/ Dep	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				>1 Prevac W/ Dep	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Prevacc Unk Depl	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Primary Sampling Unit Number	PSU		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OA	Ratio Inflation Factor	RATWGT		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OA	Ratio Inflation Factor Untrimmed	RATWGT_U		VALUE	*	*	*	*	*	*	*	*	*	#	*	*	*	*
OA	Occupant's Role	ROLE	ROLE	Driver	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Passenger	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
OA	Rollover Protection	ROLLPROT	ROLLPROT	No/Unknown	*	*	*	*	*	*	*	*	*	*	*	*	*	0
				Yes	*	*	*	*	*	*	*	*	*	*	*	*	*	1
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Seat Performance (This Position)	SEATPERF	SEATPERF	Not Seated/No St	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				No Failure	1	1	1	1	1	1	1	1	1	1	1	1	*	*
				No Failure	*	*	*	*	*	*	*	*	*	*	*	*	1	1
				Adjusters Failed	2	2	2	2	2	2	2	2	2	2	2	2	*	*
				Adjusters Failed	*	*	*	*	*	*	*	*	*	*	*	*	2	2
				Fold Lock Fail	3	3	3	3	3	3	3	3	3	3	3	3	*	*
				Fold Lock Fail	*	*	*	*	*	*	*	*	*	*	*	*	3	3
				Trak/Anchor Fail	4	4	4	4	4	4	4	4	4	4	4	4	*	*
				Trak/Anchor Fail	*	*	*	*	*	*	*	*	*	*	*	*	4	4
				Deformed By Occ	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Deformed By Intr	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Combination	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other	8	8	8	8	8	8	8	8	8	8	8	*	*	*
				Deformed By Cargo	*	*	*	*	*	*	*	*	*	*	*	10	10	10
				Def By Oth Occ	*	*	*	*	*	*	*	*	*	*	*	11	11	11

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OA DATA SET

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					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Other	*	*	*	*	*	*	*	*	*	*	*	98	98	98
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Occupant's Seat Position	SEATPOS	SEATPOS	Front Left Side	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				Front Middle	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Front Right Side	13	13	13	13	13	13	13	13	13	13	13	13	13	13
				Front Other	14	14	14	14	14	14	14	14	14	14	14	14	14	14
				Front On/In Lap	15	15	15	15	15	15	15	15	15	15	15	15	15	15
				Second Left	21	21	21	21	21	21	21	21	21	21	21	21	21	21
				Second Middle	22	22	22	22	22	22	22	22	22	22	22	22	22	22
				Second Right	23	23	23	23	23	23	23	23	23	23	23	23	23	23
				Second Other	24	24	24	24	24	24	24	24	24	24	24	24	24	24
				Second On/In Lap	25	25	25	25	25	25	25	25	25	25	25	25	25	25
				Third Left	31	31	31	31	31	31	31	31	31	31	31	31	31	31
				Third Middle	32	32	32	32	32	32	32	32	32	32	32	32	32	32
				Third Right	33	33	33	33	33	33	33	33	33	33	33	33	33	33
				Third Other	34	34	34	34	34	34	34	34	34	34	34	34	34	34
				Third On/In Lap	35	35	35	35	35	35	35	35	35	35	35	35	35	35
				Fourth Left	41	41	41	41	41	41	41	41	41	41	41	41	41	41
				Fourth Middle	42	42	42	42	42	42	42	42	42	42	42	42	42	42
				Fourth Right	43	43	43	43	43	43	43	43	43	43	43	43	43	43
				Fourth Other	44	44	44	44	44	44	44	44	44	44	44	44	44	44
				Fourth On/In Lap	45	45	45	45	45	45	45	45	45	45	45	45	45	45
				Unenclosed Area	97	97	97	97	97	97	97	97	97	97	97	97	97	97
				Other Seat	98	98	98	98	98	98	98	98	98	98	98	98	98	98
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Seat Track Adjusted Position Prior To Impact	SEATRACK	SEATRACK	Not Seated/No St	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Not Adjustable	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Forward Most Pos	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Bet Fwd&mid Pos	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Middle Position	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Bet Mid&rear Pos	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Rear Most Pos	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Seat Type (This Occupant Position)	SEATTYPE	SEATTYPE	Not Seated/No St	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Bucket	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Bucket/Fold Back	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Bench	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Bench/Separ Back	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Bench/Fold Back	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Spl Bnch/Sep Bak	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Spl Bnch/Fol Bak	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Pedestal	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Box Mounted	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Other	10	10	10	10	10	10	10	10	10	10	10	10	10	10
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Occupant's Sex	SEX	SEX	Male	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Female-Not Preg	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Fem-Preg 1st Tri	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Fem-Preg 2nd Tri	4	4	4	4	4	4	4	4	4	4	4	4	4	4

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OA DATA SET

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				Fem-Preg 3rd Tri	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Fem-Preg Unkterm	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
OA	Seat Back Incline Prior And Post Impact	STBACINC	STBACINC	Not Seated/No St	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Not Adjustable	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Up/Tot Rear Pos	11	11	11	11	11	11	11	11	11	11	11	11	11	11
				Up/Rear Mid Pos	12	12	12	12	12	12	12	12	12	12	12	12	12	12
				Up/Part Rear Po	13	13	13	13	13	13	13	13	13	13	13	13	13	13
				Up/Pre-Imp Pos	14	14	14	14	14	14	14	14	14	14	14	14	14	14
				Up/Part Fwd Pos	15	15	15	15	15	15	15	15	15	15	15	15	15	15
				Up/Fwd Mid Pos	16	16	16	16	16	16	16	16	16	16	16	16	16	16
				Up/Tot Fwd Pos	17	17	17	17	17	17	17	17	17	17	17	17	17	17
				Partrec/Tot Rear	21	21	21	21	21	21	21	21	21	21	21	21	21	21
				Partrec/Rear Mid	22	22	22	22	22	22	22	22	22	22	22	22	22	22
				Partrec/Pre-Imp	23	23	23	23	23	23	23	23	23	23	23	23	23	23
				Partrec/Tot Up	24	24	24	24	24	24	24	24	24	24	24	24	24	24
				Partrec/Part Fwd	25	25	25	25	25	25	25	25	25	25	25	25	25	25
				Partrec/Fwd Mid	26	26	26	26	26	26	26	26	26	26	26	26	26	26
				Partrec/Tot Fwd	27	27	27	27	27	27	27	27	27	27	27	27	27	27
				Totrec/Pre-Imp	31	31	31	31	31	31	31	31	31	31	31	31	31	31
				Totrec/Rear Mid	32	32	32	32	32	32	32	32	32	32	32	32	32	32
				Totrec/Part Rear	33	33	33	33	33	33	33	33	33	33	33	33	33	33
				Totrec/Tot Up	34	34	34	34	34	34	34	34	34	34	34	34	34	34
				Totrec/Part Fwd	35	35	35	35	35	35	35	35	35	35	35	35	35	35
				Totrec/Fwd Mid	36	36	36	36	36	36	36	36	36	36	36	36	36	36
				Totrec/Tot Fwd	37	37	37	37	37	37	37	37	37	37	37	37	37	37
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Seat Orientation (This Occupant Pos.)	STORIENT	STORIENT	Not Seated/No St	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Fwd Facing Seat	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Rear Facing Seat	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Side Fac St-In	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Side Fac St-Out	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Other	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Case Stratum	STRATIF		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OA	Treatment - Mortality	TREATMNT	TREATMNT	No Treatment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Fatal	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Fatal-RI Disease	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Hospitalized	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Trans/Released	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Treat-Scne-Ntrans	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Treatment-Later	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Treatment-Other	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Trans-Unk Treat	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Not Collected	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.
OA	Vehicle Number	VEHNO		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OA	Version Number	VERSION		VALUE	9	10	11	12	13	14	15	16	17	18	19	20	20	22
OA	Occupant's Weight	WEIGHT	WEIGHT	VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				149.5kg And Over	150	150	150	150	150	150	150	150	150	150	150	150	150	150

Legend for SAS Codes:
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OA DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
OA	Working Days Lost	WORKDAYS	WORKDAYS	No Work Day Lost	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
				61 Days Or More	61	61	61	61	61	61	61	61	61	61	61	61	61	61
				Fatally Injured	62	62	62	62	62	62	62	62	62	62	62	62	62	62
				Not Working Pr	97	97	97	97	97	97	97	97	97	97	97	97	97	97
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Not collected for this occupant	*	*	*	*	*	*	*	*	*	*	*	*	*	.

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OI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
OI	A.I.S. Severity	AIS	AIS	Not Injured	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Minor Injury	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Moderate Injury	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Serious Injury	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Severe Injury	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Critical Injury	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Maximum Injury	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Injured, Unk Sev	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Not Collected	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N
				Unk If Injured	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
OI	Aspect90	ASPECT90	ASPECT	Whole Region	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Right	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Left	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Bilateral	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Central	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Anterior	5	5	5	5	5	5	5	5	5	5	5	5	5	.
				Anterior/Front/Ventral	.	.	.	.	.	.	.	.	.	.	.	.	.	5
				Posterior	6	6	6	6	6	6	6	6	6	6	6	6	6	.
				Posterior/Back/Dorsal	.	.	.	.	.	.	.	.	.	.	.	.	.	6
				Superior	7	7	7	7	7	7	7	7	7	7	7	7	7	.
				Superior/Upper	.	.	.	.	.	.	.	.	.	.	.	.	.	7
				Inferior	8	8	8	8	8	8	8	8	8	8	8	8	8	.
				Inferior/Lower	.	.	.	.	.	.	.	.	.	.	.	.	.	8
				Not Collected	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
OI	Case Number - Stratum	CASEID		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OI	Case Sequence Number	CASENO		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OI	Direct/Indirect Injury	DIRINJ	DIRINJ	Direct Contact	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Indirect Contact	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Noncontact Inj	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Air Bag Rel Inj	*	4	4	4	4	4	4	4	4	4	4	*	*	*
				Unknown Source	7	7	7	7	7	7	7	7	7	7	7	7	7	7
OI	Injury Level	INJLEVEL		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OI	Injury Number	INJNO		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OI	Injury Source	INJSOU	INJSOU	Windshield	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Mirror	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Sunvisor	3	3	3	3	3	3	3	3	3	3	3	3	3	3

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OI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Steering Rim	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Steering Hub	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Steering Comb	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Steering Column	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Celltelp/Cbradio	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Add On Equipment	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Left Panel	10	10	10	10	10	10	10	10	10	10	10	*	*	*
				Center Panel	11	11	11	11	11	11	11	11	11	11	11	*	*	*
				Right Panel	12	12	12	12	12	12	12	12	12	12	12	*	*	*
				Glove Door	13	13	13	13	13	13	13	13	13	13	13	13	13	13
				Knee Bolster	14	14	14	14	14	14	14	14	14	14	14	*	*	*
				Windshld Dr Side	15	15	15	15	15	15	15	15	15	15	15	15	15	15
				Windshld Ps Side	16	16	16	16	16	16	16	16	16	16	16	16	16	16
				Reinforced Wndsh	17	17	17	17	17	17	17	17	17	17	17	17	17	17
				Other Front Obj	19	19	19	19	19	19	19	19	19	19	19	19	19	19
				Sunvisor/Ft Hdr	*	*	*	*	*	*	20	20	20	20	20	20	20	20
				Left Instr Panel	*	*	*	*	*	*	*	*	*	*	*	21	21	21
				Center Ins Panel	*	*	*	*	*	*	*	*	*	*	*	22	22	22
				Right Ins Panel	*	*	*	*	*	*	*	*	*	*	*	23	23	23
				Ll Instru Panel	*	*	*	*	*	*	*	*	*	*	*	24	24	24
				Ce Instru Panel	*	*	*	*	*	*	*	*	*	*	*	25	25	25
				Rl Instru Panel	*	*	*	*	*	*	*	*	*	*	*	26	26	26
				Left Interior	51	51	51	51	51	51	51	51	51	51	51	51	*	*
				Left Hardware	52	52	52	52	52	52	52	52	52	52	52	52	*	*
				Left A Pillar	53	53	53	53	53	53	53	53	53	53	53	53	53	53
				Left B Pillar	54	54	54	54	54	54	54	54	54	54	54	54	54	54
				Oth Left Pillar	55	55	55	55	55	55	55	55	55	55	55	55	55	55
				Left Window Glas	56	56	56	56	56	56	56	56	56	56	56	56	56	56
				Left Window Fram	57	57	57	57	57	57	57	57	57	57	57	57	57	57
				Left Window Sill	58	58	58	58	58	58	58	58	58	58	58	58	58	58
				Left Window+oth	59	59	59	59	59	59	59	59	59	59	59	59	59	59
				Left Side Glass	60	60	60	60	60	60	60	60	60	60	60	*	*	*
				Left Side Glass	*	*	*	*	*	*	*	*	*	*	*	60	60	60
				Oth Left Obj	*	*	*	*	*	*	*	*	*	*	*	61	61	61
				Left Side Panel Forward Of A1/A2 Pillar	*	*	*	*	*	*	*	*	*	*	*	*	62	62
				Left Side Panel Rear Of The B-Pillar	*	*	*	*	*	*	*	*	*	*	*	*	63	63
				Left Forward Upper Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	73	73

Legend for SAS Codes:
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OI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Left Forward Lower Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	74	74
				Left Rear Upper Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	75	75
				Left Rear Lower Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	76	76
				Left Armrest/Hardware In Forward Upper Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	77	77
				Left Armrest/Hardware In Forward Lower Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	78	78
				Left Armrest/Hardware In Rear Upper Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	79	79
				Left Armrest/Hardware In Rear Lower Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	80	80
				Right Interior	101	101	101	101	101	101	101	101	101	101	101	101	*	*
				Right Hardware	102	102	102	102	102	102	102	102	102	102	102	102	*	*
				Right A Pillar	103	103	103	103	103	103	103	103	103	103	103	103	103	103
				Right B Pillar	104	104	104	104	104	104	104	104	104	104	104	104	104	104
				Oth Right Pillar	105	105	105	105	105	105	105	105	105	105	105	105	105	105
				Right Wind Glass	106	106	106	106	106	106	106	106	106	106	106	106	106	106
				Right Wind Frame	107	107	107	107	107	107	107	107	107	107	107	107	107	107
				Right Windowsill	108	108	108	108	108	108	108	108	108	108	108	108	108	108
				Right Window+oth	109	109	109	109	109	109	109	109	109	109	109	109	109	109
				Right Side Glass	110	110	110	110	110	110	110	110	110	110	110	*	*	*
				Right Side Glass	*	*	*	*	*	*	*	*	*	*	*	110	110	110
				Oth Right Obj	*	*	*	*	*	*	*	*	*	*	*	111	111	111
				Right Side Panel Forward Of A1/A2 Pillar	*	*	*	*	*	*	*	*	*	*	*	*	112	112
				Right Side Panel Rear Of The B-Pillar	*	*	*	*	*	*	*	*	*	*	*	*	113	113
				Right Forward Upper Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	121	121
				Right Forward Lower Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	122	122
				Right Rear Upper Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	123	123
				Right Rear Lower Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	124	124
				Right Armrest/Hardware In Forward Upper Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	125	125
				Right Armrest/Hardware In Forward Lower Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	126	126
				Right Armrest/Hardware In Rear Upper Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	127	127
				Right Armrest/Hardware In Rear Lower Quadrant	*	*	*	*	*	*	*	*	*	*	*	*	128	128
				Seat, Back	151	151	151	151	151	151	151	151	151	151	151	151	151	151
				Belt Webb/Buckle	152	152	152	152	152	152	152	152	152	152	152	152	152	152
				Belt B Pill Atch	153	153	153	153	153	153	153	153	153	153	153	153	153	153
				Oth Restr Compon	154	154	154	154	154	154	154	154	154	154	154	154	154	154
				Head Restraint	155	155	155	155	155	155	155	155	155	155	155	155	155	155
				Other Occupants	160	160	160	160	160	160	160	160	160	160	160	160	160	160
				Int Loose Obj	161	161	161	161	161	161	161	161	161	161	161	161	161	161
				Child Seat	162	162	162	162	162	162	162	162	162	162	162	*	*	*

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OI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Oth Interior Obj	163	163	163	163	163	163	163	163	163	163	163	163	163	163
				Ctr Cons/1st Row	*	*	*	*	*	*	164	164	164	164	164	164	164	164
				Ctr Cons/2nd Row	*	*	*	*	*	*	165	165	165	165	165	165	165	165
				Ctr Cons/Oth Row	*	*	*	*	*	*	166	166	166	166	166	166	166	166
				Fldwn Armrst/1 R	*	*	*	*	*	*	167	167	167	167	167	167	167	167
				Fldwn Armrst/2 R	*	*	*	*	*	*	168	168	168	168	168	168	168	168
				Fldwn Armrst/O R	*	*	*	*	*	*	169	169	169	169	169	169	169	169
				Air Bag-Dr Side	170	170	170	170	170	170	170	170	170	170	170	170	170	170
				Bag-Dr Side+eyew	171	171	171	171	171	171	171	171	171	171	171	171	171	171
				Bag-Dr Side+jlry	172	172	172	172	172	172	172	172	172	172	172	172	172	172
				Bag-Dr Side+obj	173	173	173	173	173	173	173	173	173	173	173	173	173	173
				Bag-Dr Side+mout	174	174	174	174	174	174	174	174	174	174	174	174	174	174
				Bagcover-Dr Side	175	175	175	175	175	175	175	175	175	175	175	175	175	175
				Bagcvr-Drside+ey	176	176	176	176	176	176	176	176	176	176	176	176	176	176
				Bagcvr-Drside+jl	177	177	177	177	177	177	177	177	177	177	177	177	177	177
				Bagcvr-Drside+ob	178	178	178	178	178	178	178	178	178	178	178	178	178	178
				Bagcvr-Drside+mo	179	179	179	179	179	179	179	179	179	179	179	179	179	179
				Air Bag-Ps Side	180	180	180	180	180	180	180	180	180	180	180	180	180	180
				Bag-Ps Side+eyew	181	181	181	181	181	181	181	181	181	181	181	181	181	181
				Bag-Ps Side+jry	182	182	182	182	182	182	182	182	182	182	182	182	182	182
				Bag=ps Side+obj	183	183	183	183	183	183	183	183	183	183	183	183	183	183
				Bag=ps Side+mout	184	184	184	184	184	184	184	184	184	184	184	184	184	184
				Bagcover-Ps Side	185	185	185	185	185	185	185	185	185	185	185	185	185	185
				Bagcvr-Psside+ey	186	186	186	186	186	186	186	186	186	186	186	186	186	186
				Bagcvr-Psside+jl	187	187	187	187	187	187	187	187	187	187	187	187	187	187
				Bagcvr-Psside+ob	188	188	188	188	188	188	188	188	188	188	188	188	188	188
				Bagcvr-Psside+mo	189	189	189	189	189	189	189	189	189	189	189	189	189	189
				Other Air Bag	190	190	190	190	190	190	190	190	190	190	190	190	190	190
				Bagcover-Oth Bag	195	195	195	195	195	195	195	195	195	195	195	195	195	195
				Front Header	201	201	201	201	201	201	201	201	201	201	201	201	201	201
				Rear Header	202	202	202	202	202	202	202	202	202	202	202	202	202	202
				Roof Left Rail	203	203	203	203	203	203	203	203	203	203	203	203	203	203
				Roof Right Rail	204	204	204	204	204	204	204	204	204	204	204	204	204	204
				Roof	205	205	205	205	205	205	205	205	205	205	205	205	205	205
				Roof Maplight	*	*	*	*	*	*	206	206	206	206	206	206	206	206
				Sunroof/Comp	*	*	*	*	*	*	207	207	207	207	207	207	207	207
				Roll-Bar	*	*	*	*	*	*	208	208	208	208	208	208	208	208

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OI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
				Floor	251	251	251	251	251	251	251	251	251	251	251	251	251	251
				Transmiss Lever	252	252	252	252	252	252	252	252	252	252	252	252	252	252
				Brake Handle	253	253	253	253	253	253	253	253	253	253	253	253	253	253
				Foot Controls	254	254	254	254	254	254	254	254	254	254	254	254	254	254
				Ch Seat Shell	*	*	*	*	*	*	*	*	*	*	*	271	271	271
				Child Harness	*	*	*	*	*	*	*	*	*	*	*	272	272	272
				Unk Ch Ss Comp	*	*	*	*	*	*	*	*	*	*	*	273	273	273
				Backlight	301	301	301	301	301	301	301	301	301	301	301	301	301	301
				Back Storage	302	302	302	302	302	302	302	302	302	302	302	302	302	302
				Other Rear Obj	303	303	303	303	303	303	303	303	303	303	303	303	303	303
				Adapt Hand Ctl	401	401	401	401	401	401	401	401	401	401	401	401	401	401
				Adapt Steer Ctl	402	402	402	402	402	402	402	402	402	402	402	402	402	402
				Adapt Ster Knob	403	403	403	403	403	403	403	403	403	403	403	403	403	403
				Repl Steer Whl	405	405	405	405	405	405	405	405	405	405	405	405	405	405
				Joy Stick Ctl	406	406	406	406	406	406	406	406	406	406	406	406	406	406
				Whlchair Tiedwn	407	407	407	407	407	407	407	407	407	407	407	407	407	407
				Mod Seat Belts	408	408	408	408	408	408	408	408	408	408	408	408	408	408
				Add Switches	409	409	409	409	409	409	409	409	409	409	409	409	409	409
				Raised Roof	410	410	410	410	410	410	410	410	410	410	410	410	410	410
				Wall Mtd Headrs	411	411	411	411	411	411	411	411	411	411	411	411	411	411
				Oth Adpt Device	412	412	412	412	412	412	412	412	412	412	412	412	412	412
				Hood	451	451	451	451	451	451	451	451	451	451	451	451	451	451
				Outside Hardware	452	452	452	452	452	452	452	452	452	452	452	452	452	452
				Other Exterior	453	453	453	453	453	453	453	453	453	453	453	453	453	453
				Unk Exterior Obj	454	454	454	454	454	454	454	454	454	454	454	454	454	454
				Omv Front Bumper	501	501	501	501	501	501	501	501	501	501	501	501	501	501
				Omv Hood Edge	502	502	502	502	502	502	502	502	502	502	502	502	502	502
				Omv Other Front	503	503	503	503	503	503	503	503	503	503	503	503	503	503
				Omv Hood	504	504	504	504	504	504	504	504	504	504	504	504	504	504
				Omv Ornament	505	505	505	505	505	505	505	505	505	505	505	505	505	505
				Omv Windshield	506	506	506	506	506	506	506	506	506	506	506	506	506	506
				Omv Side Surface	507	507	507	507	507	507	507	507	507	507	507	507	507	507
				Omv Side Mirrors	508	508	508	508	508	508	508	508	508	508	508	508	508	508
				Omv Side Protrus	509	509	509	509	509	509	509	509	509	509	509	509	509	509
				Omv Rear Surface	510	510	510	510	510	510	510	510	510	510	510	510	510	510
				Omv Und/Carriage	511	511	511	511	511	511	511	511	511	511	511	511	511	511
				Omv Tires/Wheels	512	512	512	512	512	512	512	512	512	512	512	512	512	512

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OI DATA SET

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				Omv Oth Exterior	513	513	513	513	513	513	513	513	513	513	513	513	513	513
				Omv Unk Exterior	514	514	514	514	514	514	514	514	514	514	514	514	514	514
				Ground	551	551	551	551	551	551	551	551	551	551	551	551	551	551
				Same Occ Contact	*	*	*	*	*	*	570	570	570	570	570	570	570	570
				Int Loose Obj	*	*	*	*	*	*	571	571	571	571	571	571	*	*
				St Ltch Pt/Ch Res	*	*	*	*	*	*	572	572	572	572	572	572	572	572
				Grab Handles	*	*	*	*	*	*	573	573	573	573	573	573	573	573
				Engine Shroud	*	*	*	*	*	*	574	574	574	574	574	574	574	574
				Seatback Trays	*	*	*	*	*	*	575	575	575	575	575	575	575	575
				Cargo In Veh	*	*	*	*	*	*	*	*	*	*	*	576	576	576
				Tree,pole,trafbar Or Other	598	598	598	598	598	598	598	598	598	598	598	598	*	*
				Tree,pole,trafbar Or Other	*	*	*	*	*	*	*	*	*	*	*	*	598	598
				Unknown Object	599	599	599	599	599	599	599	599	599	599	599	599	*	*
				Unknown Object	*	*	*	*	*	*	*	*	*	*	*	*	599	599
				Fire In Vehicle	601	601	601	601	601	601	601	601	601	601	601	601	601	601
				Flying Glass	602	602	602	602	602	602	602	602	602	602	602	602	602	602
				Other Noncontact	603	603	603	603	603	603	603	603	603	603	603	603	603	603
				Air Bag Exh Gas	604	604	604	604	604	604	604	604	604	604	604	604	604	604
				Unknown Source	697	697	697	697	697	697	697	697	697	697	697	697	697	697
OI	Occupant Area Intrusion No.	INTRUNO	INTRUNO	No Intrusion	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
				Inj/Noncode Int	97	97	97	97	97	97	97	97	97	97	97	97	97	97
OI	National Inflation Factor	NATWGT		VALUE	*	*	*	*	*	*	*	*	#	*	*	*	*	*
OI	Occupant Number	OCCNO		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OI	Primary Sampling Unit Number	PSU		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OI	Ratio Inflation Factor	RATWGT		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OI	Ratio Inflation Factor Untrimmed	RATWGT_U		VALUE	*	*	*	*	*	*	*	*	*	#	*	*	*	*
OI	Body Region (O.I.C. - A.I.S.)	REGION90	BODYREG	Head	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Face	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Neck	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Thorax	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Abdomen	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Spine	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Upper Extremity	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Lower Extremity	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Unspecified	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Not Collected	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N

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OI DATA SET

Data Set	Variable Name	SAS Name	SAS Format Name	Format Label	SAS Code													
					1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
OI	Injury Source Confidence Level	SOUCON	SOUCON	Certain	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Probable	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Possible	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Unknown	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U	.U
OI	Source Of Injury Data	SOUDAT	SOUDAT	Autopsy Records	1	1	1	1	1	1	1	1	1	1	1	*	*	*
				Hosp/Med Records	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Emerg Rm Records	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Priv Phys/Clinic	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Lay Coroner Rept	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				E.M.S. Personnel	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Interviewee	7	7	7	7	7	7	7	7	7	7	7	7	7	7
				Other Source	8	8	8	8	8	8	8	8	8	8	8	8	8	8
				Police	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Not Collected	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N
				Internal Autopsy	*	*	*	*	*	*	*	*	*	*	*	16	16	16
				External Autopsy	*	*	*	*	*	*	*	*	*	*	*	17	17	17
OI	Case Stratum	STRATIF		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OI	Specific Anatomic Structure	STRUSPEC		VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
	Type Of Anatomic Structure	STRUTYPE	STRUTYPE	Whole Area	1	1	1	1	1	1	1	1	1	1	1	1	1	1
				Vessels	2	2	2	2	2	2	2	2	2	2	2	2	2	2
				Nerves	3	3	3	3	3	3	3	3	3	3	3	3	3	3
				Organs	4	4	4	4	4	4	4	4	4	4	4	4	4	4
				Skeletal	5	5	5	5	5	5	5	5	5	5	5	5	5	5
				Head Loc	6	6	6	6	6	6	6	6	6	6	6	6	6	6
				Skin	9	9	9	9	9	9	9	9	9	9	9	9	9	9
				Not Collected	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N	.N
OI	Vehicle Number	VEHNO	VEHNO	VALUE	#	#	#	#	#	#	#	#	#	#	#	#	#	#
OI	Version Number	VERSION		VALUE	9	10	11	12	13	14	15	16	17	18	19	20	20	22
OI	Body Region	BODYREG	$BDYREGN	Arm	A	A	A	A	A	A	A	A	A	A	A	A	A	A
				Back	B	B	B	B	B	B	B	B	B	B	B	B	B	B
				Chest	C	C	C	C	C	C	C	C	C	C	C	C	C	C
				Elbow	E	E	E	E	E	E	E	E	E	E	E	E	E	E
				Face	F	F	F	F	F	F	F	F	F	F	F	F	F	F
				Head	H	H	H	H	H	H	H	H	H	H	H	H	H	H
				Knee	K	K	K	K	K	K	K	K	K	K	K	K	K	K
				Leg/Lower	L	L	L	L	L	L	L	L	L	L	L	L	L	L
				Abdomen	M	M	M	M	M	M	M	M	M	M	M	M	M	M

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				Neck	N	N	N	N	N	N	N	N	N	N	N	N	N	N
				Pelvic/Hip	P	P	P	P	P	P	P	P	P	P	P	P	P	P
				Ankle/Foot	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
				Forearm	R	R	R	R	R	R	R	R	R	R	R	R	R	R
				Shoulder	S	S	S	S	S	S	S	S	S	S	S	S	S	S
				Thigh	T	T	T	T	T	T	T	T	T	T	T	T	T	T
				Injured/Unk Reg	U	U	U	U	U	U	U	U	U	U	U	U	U	U
				Wrist/Hand	W	W	W	W	W	W	W	W	W	W	W	W	W	W
				Upper Limbs	X	X	X	X	X	X	X	X	X	X	X	X	X	X
				Lower Limbs	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
OI	Lesion (A.I.S. - O.I.C.)	LESION	$LESION	Abrasion	A	A	A	A	A	A	A	A	A	A	A	A	A	A
				Burn	B	B	B	B	B	B	B	B	B	B	B	B	B	B
				Contusion	C	C	C	C	C	C	C	C	C	C	C	C	C	C
				Dislocation	D	D	D	D	D	D	D	D	D	D	D	D	D	D
				Total Severance	E	E	E	E	E	E	E	E	E	E	E	E	E	E
				Fracture	F	F	F	F	F	F	F	F	F	F	F	F	F	F
				Detachment	G	G	G	G	G	G	G	G	G	G	G	G	G	G
				Concussion	K	K	K	K	K	K	K	K	K	K	K	K	K	K
				Laceration	L	L	L	L	L	L	L	L	L	L	L	L	L	L
				Amputation	M	M	M	M	M	M	M	M	M	M	M	M	M	M
				Crush	N	N	N	N	N	N	N	N	N	N	N	N	N	N
				Other	O	O	O	O	O	O	O	O	O	O	O	O	O	O
				Rupture	R	R	R	R	R	R	R	R	R	R	R	R	R	R
				Sprain	S	S	S	S	S	S	S	S	S	S	S	S	S	S
				Strain	T	T	T	T	T	T	T	T	T	T	T	T	T	T
				Injured/Unk Les	U	U	U	U	U	U	U	U	U	U	U	U	U	U
				Avulsion	V	V	V	V	V	V	V	V	V	V	V	V	V	V
OI	System/Organ (O.I.C. - A.I.S.)	SYSORG	$SYSORG	Arteries/Veins	A	A	A	A	A	A	A	A	A	A	A	A	A	A
				Brain	B	B	B	B	B	B	B	B	B	B	B	B	B	B
				Spinal Cord	C	C	C	C	C	C	C	C	C	C	C	C	C	C
				Digestive	D	D	D	D	D	D	D	D	D	D	D	D	D	D
				Ears	E	E	E	E	E	E	E	E	E	E	E	E	E	E
				Urogenital	G	G	G	G	G	G	G	G	G	G	G	G	G	G
				Heart	H	H	H	H	H	H	H	H	H	H	H	H	H	H
				Integumentary	I	I	I	I	I	I	I	I	I	I	I	I	I	I
				Joints	J	J	J	J	J	J	J	J	J	J	J	J	J	J
				Kidneys	K	K	K	K	K	K	K	K	K	K	K	K	K	K

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				Liver	L	L	L	L	L	L	L	L	L	L	L	L	L	L
				Muscles	M	M	M	M	M	M	M	M	M	M	M	M	M	M
				Nervous System	N	N	N	N	N	N	N	N	N	N	N	N	N	N
				Eye	O	O	O	O	O	O	O	O	O	O	O	O	O	O
				Pulmonary-Lungs	P	P	P	P	P	P	P	P	P	P	P	P	P	P
				Spleen	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
				Respiratory	R	R	R	R	R	R	R	R	R	R	R	R	R	R
				Skeletal	S	S	S	S	S	S	S	S	S	S	S	S	S	S
				Thyroid	T	T	T	T	T	T	T	T	T	T	T	T	T	T
				Injured/Unk Sys	U	U	U	U	U	U	U	U	U	U	U	U	U	U
				Vertebrae	V	V	V	V	V	V	V	V	V	V	V	V	V	V
				Allsys In Region	W	W	W	W	W	W	W	W	W	W	W	W	W	W

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