



SPECIAL CRASH INVESTIGATIONS

**COUNTS OF
FRONTAL AIR BAG RELATED
FATALITIES AND SERIOUSLY
INJURED PERSONS**

REPORT DATE: April 1, 2005

U.S. DEPARTMENT OF TRANSPORTATION
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
NATIONAL CENTER FOR STATISTICS AND ANALYSIS
CRASH INVESTIGATION DIVISION
WASHINGTON, D.C. 20590

The methods for estimating the number of “Registered Air Bag Equipped Vehicles”, and the “Fatalities Per Million Vehicle Years” have been modified to more accurately reflect the air bag exposure rates for drivers and passengers.

A new estimate for “Registered Air Bag Equipped Vehicles” was found by using R.L. Polk vehicle registration data. The new figures have been modified to consider the attrition rates¹ of vehicles on the road by model year, and the amount of time each vehicle was on the road during its first year. The current year’s estimate for the modified “Registered Air Bag Equipped Vehicles” is estimated to be the same as the previous year’s “Registered Air Bag Equipped Vehicles”. These numbers will be updated with the new R.L. Polk vehicle registration data the following year.

The quantity “Fatalities Per Million Vehicle Years” for a specific vehicle model year was previously calculated by dividing the count of occupants fatally injured by a deploying air bag for a given vehicle model year, by the product of the amount of newly registered air bag equipped vehicles of the given year and the number of years the vehicles of that year have been on the road. In the past when calculating the number of years vehicles of a given model year have been on the road, with the exception of the current MY, each vehicle was counted as being on the road for a full year. A new method of estimating the time each vehicle was on the road during its first year has been developed in which an even distribution of vehicle registrations is assumed throughout the year. Analysis of this distribution shows that a more accurate estimate of the time each vehicle was on the road in its first production year is one half of a year².

The quantity “Fatalities Per Million Vehicle Years” for a normalized 12-month period was previously calculated by dividing the count of occupants fatally injured by a deploying air bag for each 12-month production period by the total number of registered vehicles with air bags during that same interval. Each 12-month production period was aligned with the vehicle production year, September 1 through August 31. A change similar to the one made for the vehicle model year exposure estimate was made for the quantity “Fatalities Per Million Vehicle Years” for a normalized 12-month period. The new method divides the count of occupants fatally injured by a deploying air bag for each 12-month period by the sum of the total number of registered vehicles with air bags of the previous model years³ and one half the registered vehicles of the vehicle model year that corresponds to the production period of the crash.

¹The attrition rate of a vehicle is dependent on the amount of time a vehicle has been on the road. Different estimated attrition rates were initially calculated for automobiles and light trucks. Estimated attrition rates were used from “Updated Vehicle Survivability and Travel Mileage Schedules”, November 1995, Visibility and Controls Division, Safety Performance Standards, U.S. Department of Transportation, National Highway Traffic Safety Administration.

²The estimate for the amount time a vehicle of a given model year has been on the road during the current vehicle model year is multiplied by a correction factor that is based on the month the data is generated.

³ The term “the previous model years” refers to the vehicle model years before the vehicle model year of the production period of the crash.

COUNTS FOR FRONTAL AIR BAG RELATED FATALITIES AND SERIOUSLY INJURED PERSONS

Counts for Confirmed Air Bag Related Fatalities through 4/1/2005:

Children	160	(US = 159 ;Puerto Rico = 1)
- RFCSS	23	
- Not RFCSS	137	(US = 136 ;Puerto Rico = 1)
Drivers (Adults)	84	
Passengers (Adults)	12	
TOTAL	256	

Counts For Confirmed and Unconfirmed * Air Bag Related Fatalities By Crash Year

FATALS BY YEAR	Children In RFCSS	Children NOT In RFCSS	ADULT DRIVERS	ADULT PASSENGERS	TOTALS BY YEAR		FEMALES 62" OR LESS	
					CONFIRMED	[UNCONFIRMED]	DRIVERS	PASSENGERS
1990	0 [0]	0 [0]	1 [0]	0 [0]	1	[0]	1 [0]	0 [0]
1991	0 [0]	0 [0]	4 [0]	0 [0]	4	[0]	1 [0]	0 [0]
1992	0 [0]	0 [0]	3 [0]	0 [0]	3	[0]	2 [0]	0 [0]
1993	0 [0]	1 [0]	4 [0]	0 [0]	5	[0]	2 [0]	0 [0]
1994	0 [0]	5 [0]	8 [0]	0 [0]	13	[0]	1 [0]	0 [0]
1995	3 [0]	5 [0]	6 [0]	0 [0]	14	[0]	4 [0]	0 [0]
1996	6 [0]	19 [0]	7 [0]	2 [0]	34	[0]	2 [0]	0 [0]
1997	4 [0]	27 [0]	18 [0]	4 [0]	53	[0]	4 [0]	3 [0]
1998	5 [0]	27 [0]	14 [0]	2 [0]	48	[0]	6 [0]	1 [0]
1999	3 [0]	18 [1]	3 [0]	0 [0]	24	[1]	2 [0]	0 [0]
2000	0 [0]	9 [0]	8 [2]	2 [0]	19	[2]	3 [0]	0 [0]
2001	1 [0]	14 [1]	2 [1]	0 [0]	17	[2]	0 [0]	0 [0]
2002	1 [1]	8 [0]	1 [2]	1 [0]	11	[3]	1 [0]	1 [0]
2003	0 [0]	3 [3]	5 [1]	1 [0]	9	[4]	2 [1]	1 [0]
2004	0 [1]	1 [8]	0 [3]	0 [0]	1	[12]	0 [0]	0 [0]
2005	0 [0]	0 [1]	0 [0]	0 [0]	0	[1]	0 [0]	0 [0]
TOTAL	23 [2]	137 [14]	84 [9]	12 [0]	256	[25]	31 [1]	6 [0]

*Note: The unconfirmed counts are in brackets.

ESTIMATED GROSS NUMBER OF LIVES SAVED BY AIR BAGS AS OF 4/01/05:

17130 - 13858 drivers (3880 belted, 9978 not belted) - 3272 front-right passengers (916 belted, 2356 not belted)

Status of air bag related fatality and serious injury cases during the period 1/01/05 - 4/01/05:

- Four crash investigations were added to the summary tables: 3-fatal children (crash years 2001, 2001, and 2004), and 1-nonfatal child (crash year 2002).
- Eleven crash investigations were initiated by SCI: 1-fatal child driver, 3-fatal children, 2-fatal drivers, 3-nonfatal drivers, and 2-nonfatal adult passengers. Note: One crash investigation involving a nonfatal driver was both initiated and dropped during this period.
- Field investigations continued on 25 previously initiated and reported crash investigations: 2-fatal children in RFCSS, 2-fatal children in FFCSS, 1-fatal child in a CSS, 7-fatal children, 3-nonfatal children, 7-fatal drivers, and 3-nonfatal drivers.
- One crash investigation was dropped, 1-nonfatal driver.

Summary tables for Air Bag Related Fatality and Serious Injury cases are available through the following NHTSA websites:

www-nrd.nhtsa.dot.gov/departments/nrd-30/nca/SCI.html

CHILDREN CONFIRMED AS RECEIVING A FATAL INJURY RELATED TO AN AIR BAG

Children fatally injured by the PAB	154	(US=153 ;Puerto Rico= 1)
- Rear Facing child safety seats	23	
- Forward Facing child safety seats	7	
- Unrestrained or improperly restrained children ¹		
(with pre-impact braking)	101	
(without pre-impact braking)	16	(US=15 ;Puerto Rico= 1)
(unknown pre-impact braking)	2	
- Wearing lap and shoulder belt		
(with pre-impact braking)	1	
(without pre-impact braking)	4	
Children fatally injured by the DAB	6	

CHILDREN CONFIRMED AS RECEIVING A LIFE THREATENING INJURY RELATED TO AN AIR BAG

Children with life threatening injuries by the PAB	38	
- Rear Facing child safety seats	8	
- Forward Facing child safety seats	3	
- Unrestrained or improperly restrained children		
(with pre-impact braking)	18	
(without pre-impact braking)	4	
(unknown pre-impact braking)	2	
- Wearing lap and shoulder belt		
(with pre-impact braking)	2	
(without pre-impact braking)	1	
Children with life threatening injuries by the DAB	1	

DRIVERS CONFIRMED AS RECEIVING A FATAL INJURY RELATED TO AN AIR BAG

Fatal Drivers	84	
- Drivers belted	25	
- Drivers misused belt	4	
- Drivers not belted	52	
- Unknown if driver belted	3	

DRIVERS CONFIRMED AS RECEIVING A LIFE THREATENING INJURY RELATED TO AN AIR BAG

Driver Life Threatening Injuries	6	
- Drivers belted	1	
- Drivers misused belt	0	
- Drivers not belted ^{2,3}	5	
- Unknown if driver belted	0	

ADULT PASSENGERS CONFIRMED AS RECEIVING A FATAL INJURY RELATED TO AN AIR BAG

Fatal Passengers	12	
- Passengers belted	4	
- Passengers misused belt	1	
- Passengers not belted	7	
- Unknown if passenger belted	0	

ADULT PASSENGERS CONFIRMED AS RECEIVING A LIFE THREATENING INJURY RELATED TO AN AIR BAG

Seriously Injured Passengers	7	
- Passengers belted	4	
- Passengers misused belt	0	
- Passengers not belted	1	
- Unknown if passenger belted	2	

¹ A two year old, 33 pound female child was kneeling in the seat using the lap portion of the lap and shoulder belt. See case DS9718.

² An unbelted pregnant female sustained an abruption of the placenta from the uterine wall and the fetus subsequently expired. See case CA9509.

³ Driver expired approximately six weeks post crash of pneumonia. The NHTSA definition for the time to death in a fatal crash is "expired within 30 days or less after the crash." See case CA9729

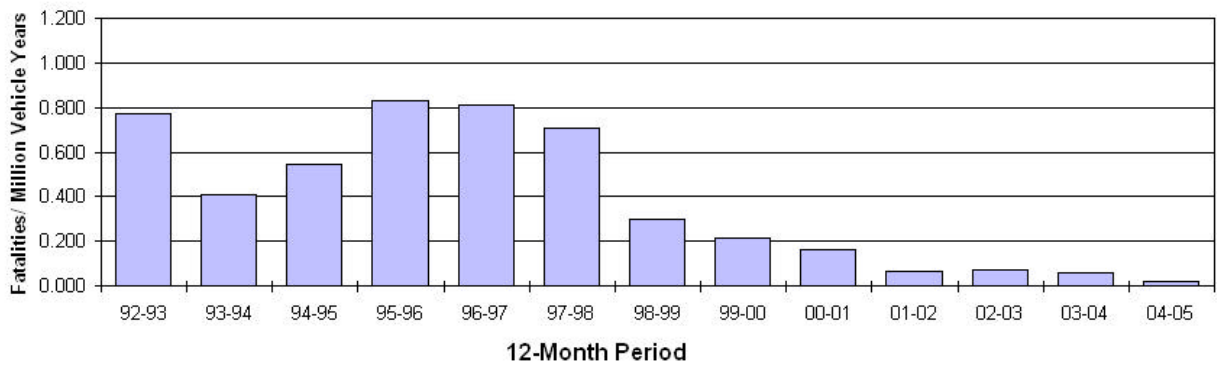
**NATIONAL CENTER FOR STATISTICS AND ANALYSIS
SPECIAL CRASH INVESTIGATIONS
CHILDREN FATALLY INJURED BY PAB
NORMALIZED BY VEHICLE REGISTRATIONS
Confirmed and Unconfirmed*
April 1, 2005**

	Vehicle Model Year (in millions of vehicles)																		
	1987-88	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Total
Registered Passenger Air Bag Equipped Vehicles	0.000	0.061	0.144	0.037	0.405	1.311	5.918	9.987	10.240	13.690	14.491	16.070	17.065	16.402	16.861	16.871	16.871	16.871	173.297

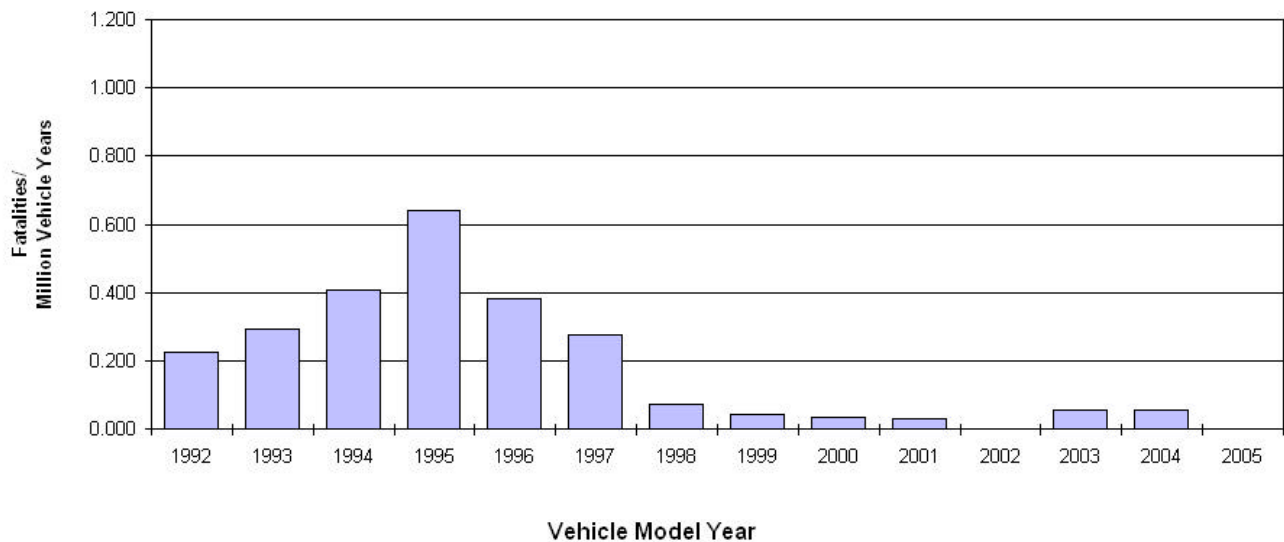
	Vehicle Model Year																		
Crash Date	1987-88	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Total
Sep 87 to Aug 88																			0
Sep 88 to Aug 89																			0
Sep 89 to Aug 90																			0
Sep 90 to Aug 91																			0
Sep 91 to Aug 92																			0
Sep 92 to Aug 93						1													1
Sep 93 to Aug 94						1	1												2
Sep 94 to Aug 95						1	2	4											7
Sep 95 to Aug 96					1		6	9	3										19
Sep 96 to Aug 97							4	12	7	5									28
Sep 97 to Aug 98							4	15	5	8	2								34
Sep 98 to Aug 99							2	7	3	3	3	1							19
Sep 99 to Aug 00							1	4	6	3	2	1							17
Sep 00 to Aug 01							1	5	5	2		1		1					15
Sep 01 to Aug 02						1	1	1	2	1			1						7
Sep 02 to Aug 03								2	2	3			1	1					9
Sep 03 to Aug 04							1			3		1				2	1		8
Sep 04 to Aug 05							1			1			1						3
Total	0	0	0	0	1	4	24	59	33	29	7	4	3	2	0	2	1	0	169
Fatalities/Million Vehicle Years	0.000	0.000	0.000	0.000	0.226	0.293	0.409	0.641	0.380	0.275	0.071	0.042	0.035	0.030	0.000	0.057	0.055	0.000	

*Confirmed cases are those where the air bag has been confirmed to be the injury mechanism. Unconfirmed cases are crashes under active investigation where the air bag is suspected of being the injury mechanism.

National Center for Statistics and Analysis
 Special Crash Investigations
 Children Fatally Injured by PAB
 Normalized for a 12-Month Period



National Center for Statistics and Analysis
 Special Crash Investigations
 Children Fatally Injured by Passenger Air Bags
 By Vehicle Model Year



Note: The bar charts above are shown using a different scale than the other two sets of bar charts

April 1, 2005

CASES FROM THE NATIONAL CENTER FOR STATISTICS AND ANALYSIS SPECIAL CRASH INVESTIGATIONS PROGRAM

INFANTS IN REAR FACING CHILD SAFETY SEATS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OR MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
	DS94023	AVAILABLE	Nov-94	Dec-94	CA	3 MO	FEMALE	20	13	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1994	COROLLA	TOYOTA	11-18	YES	NON-FATAL SKULL FXS	PAB FLAP; PAB; CHILD SEAT BACK
1	CA95016	AVAILABLE	Jul-95	Jul-95	PA	3 WK	FEMALE	24	11	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1995	FORD	ESCORT	20-25	YES	SKULL FXS; BRAIN INJURY	PAB FLAP; PAB; CHILD SEAT BACK
2	DS95019	AVAILABLE	Sep-95	Sep-95	CA	5 MO	FEMALE	27	20	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1994	TOYOTA	CAMRY	<10	YES	SKULL FXS; BRAIN INJURY	PAB FLAP; PAB; CHILD SEAT BACK
3	CA95022	AVAILABLE	Oct-95	Nov-95	LA	4 MO	MALE	24	17	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1995	SATURN	SL1	12-14	YES	SKULL FXS; BRAIN INJURY	PAB; CHILD SEAT BACK
	DS95022	AVAILABLE	Oct-95	Nov-95	CA	6 MO	MALE	UNK	15	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1995	FORD	ESCORT	<10	YES	NON-FATAL SKULL FXS	PAB; CHILD SEAT BACK

See end of document for definitions of terms, abbreviations and notes

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INFANTS IN REAR FACING CHILD SAFETY SEATS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OR MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
	DS95025	AVAILABLE	Nov-95	Dec-95	CO	3 MO	MALE	25	15	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1994	FORD	ASPIRE	9	YES	NON-FATAL SKULL FXS	PAB FLAP; PAB; CHILD SEAT BACK
	IN95021	AVAILABLE	Nov-95	Dec-95	WI	7 WK	MALE	22	10	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1996	DODGE	CARAVAN	12-17	YES	NON-FATAL SKULL FXS	PAB; CHILD SEAT BACK
4	CA96002	AVAILABLE	Jan-96	Feb-96	NJ	4 MO	MALE	24	20	MIS-USED - BELTS NOT USED PROPERLY; PROPERLY SECURED IN RFCSS	1995	ISUZU	TROOPER	15	NO	LARGE SUBDURAL AND EPIDURAL HEMATOMA; SKULL FXS; SUBARACHNOID HEMORRHAGE	PAB FLAP; PAB; CHILD SEAT BACK
5	LTC96018	AVAILABLE	May-96	May-96	FL	8 MO	FEMALE	27	19	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1994	TOYOTA	CAMRY	10	UNK	BRAIN INJURY	PAB
6	CA96008	AVAILABLE	Apr-96	May-96	FL	3 MO	MALE	23	18	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1995	HYUNDAI	ACCENT	19 - 24	YES	HEAD INJURIES	PAB; CHILD SEAT BACK

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Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
7	IN96017	AVAILABLE	Jun-96	Jul-96	IL	1 WK	FEMALE	18	8	NO - RFCSS HELD IN LAP OF PASSENGER; PROPERLY SECURED IN RFCSS	1995	FORD	ESCORT	8	YES	HEAD INJURIES	PAB
	CA96013	AVAILABLE	Sep-96	Oct-96	GA	5 MO	MALE	28	19	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1996	SATURN	SW2	6	YES	NON-FATAL SKULL FX; CONTUSION OF THE LEFT FRONTO TEMPORAL AREA WITH A SMALL SUBDURAL HEMATOMA	PAB FLAP; PAB; CHILD SEAT BACK
8	CA96015	AVAILABLE	Sep-96	Oct-96	OH	1 MO	MALE	21	8	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1995	MAZDA	PROTÉGÉ	12-14	YES	SKULL FXS; BRAIN INJURY	PAB FLAP; PAB; CHILD SEAT BACK
9	CA96016	AVAILABLE	Oct-96	Oct-96	FL	7 WK	FEMALE	21	10	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1996	DODGE	CARAVAN	12	YES	SKULL FXS; BRAIN INJURY	PAB FLAP; PAB; CHILD SEAT BACK
	CA96021	AVAILABLE	Nov-96	Nov-96	NH	3 WK	FEMALE	19	8	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1995	FORD	ESCORT	24	NO	NON-FATAL SKULL FXS; BRAIN SWELLING	PAB; CHILD SEAT BACK

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INFANTS IN REAR FACING CHILD SAFETY SEATS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OR MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
	CA96023	AVAILABLE	Dec-96	Dec-96	VA	3 MO	MALE	19	12	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1995	FORD	ESCORT	10	YES	NON-FATAL SKULL FXS; SMALL SUBARACHNOID HEMORRHAGE; SMALL EPIDURAL HEMATOMA	PAB; CHILD SEAT BACK
10	DS97009	AVAILABLE	May-97	May-97	CA	4 MO	MALE	26	20	MIS-USED - BELTS NOT USED PROPERLY; PROPERLY SECURED IN RFCSS	1994	MAZDA	626	13.0	NO	PARTIAL AND TEMPORAL BRAIN LACERATION	PAB FLAP; PAB; CHILD SEAT BACK
11	DS97008	AVAILABLE	May-97	May-97	NC	5 MO	FEMALE	28	21	MISUSED - BELTS USED; NOT PROPERLY SECURED IN RFCSS	1995	FORD	CROWN VICTORIA	7	YES	SKULL FXS; BRAIN INJURY	PAB; CHILD SEAT BACK
12	1997-75-085J	AVAILABLE	Jun-97	Jun-97	CO	3 MO	MALE	UNK	UNK	NO - RFCSS HELD IN LAP OF PASSENGER; NOT PROPERLY SECURED IN RFCSS	1997	FORD	ESCORT	15.5	YES	CEREBRAL DIFFUSE AXONAL INJURY	PAB; CHILD SEAT BACK
13	CA98007	AVAILABLE	Jan-98	Feb-98	GA	4 MO	FEMALE	UNK	UNK	NO - RFCSS HELD IN LAP OF PASSENGER; NOT PROPERLY SECURED IN RFCSS	1996	FORD	CONTOUR	8-10	NO	SKULL FXS; CLOSED HEAD INJURY	PAB FLAP; PAB; CHILD SEAT BACK

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Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
	CA97048	AVAILABLE	Sep-97	Nov-97	FL	3 MO	MALE	24	12	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1994	TOYOTA	CAMRY	7-10	YES	BILATERAL SUBDURAL & SUBARACHNOID HEMORRAGE	PAB; CHILD SEAT BACK
14	CA98028	AVAILABLE	Apr-98	Apr-98	FL	3 WK	FEMALE	19	9	MIS-USED - BELTS USED; NOT PROPERLY SECURED IN RFCSS	1995	SATURN	SC1	10	YES	MACERATED BRAIN; DEPRESSED SKULL FX; MULTIPLE HEMORRHAGES	PAB; CHILD SEAT BACK
15	CA98034	AVAILABLE	May-98	May-98	OH	2 MO	MALE	25	13	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1997	FORD	F150	10	YES	SUBDURAL & SUBARACHNOID HEMORRAGE	PAB; CHILD SEAT BACK
16	DS97013	AVAILABLE	Jun-97	Jun-97	UT	3 MO	FEMALE	25	17	YES - BELTS USED; PROPERLY SECURED IN RFCSS	1995	HYUNDAI	ACCENT	12	NO	HORIZONTAL SKULL FRACTURE OF THE OCCIPITAL BONE WITH LOSE OF BRAIN TISSUE	PAB; CHILD SEAT BACK
17	IN98014	AVAILABLE	Feb-98	Feb-98	TX	6 MO	FEMALE	24	24	NO - BELTS NOT USED; NOT PROPERLY SECURED IN RFCSS	1995	FORD	EXPLORER	13-17	YES	BASILAR AND OCCIPITAL SKULL FRACTURES WITH SUBARACHNOID HEMORRAGE	PAB; CHILD SEAT BACK

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Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
18	CA99007	AVAILABLE	Apr-99	Apr-99	AL	6 WK	FEMALE	23	10	MIS-USED - BELTS USED; NOT PROPERLY SECURED IN RFCSS	1995	SATURN	SC2	9	YES	PATCHY SUBDURAL AND INTRAVENTRICULAR HEMORRHAGE; CEREBRAL EDEMA WITH DIFFUSE SUBARACHNOID HEMORRHAGE	PAB FLAP; PAB; CHILD SEAT BACK
19	IN00009	AVAILABLE	Oct-99	Mar-00	TX	4 MO	MALE	26	17	UNKNOWN - UNKNOWN IF BELTS USED PROPERLY; PROPERLY SECURED IN RFCSS	1996	LEXUS	ES300	8	YES	SKULL FRACTURE WITH UNDERLYING SUBDURAL AND SUBARCHNOID HEMORRHAGE	PAB
20	CA01014	AVAILABLE	Oct-98	Jan-01	OH	2 MO	MALE	24	17	NO - RFCSS HELD IN LAP OF PASSENGER; UNKNOWN IF PROPERLY SECURED IN RFCSS	1996	TOYOTA	COROLLA	16.8	NO	LACERATION OF THE LEFT BASAL GANGLIA	PAB; PAB FLAP
21	IN99087	AVAILABLE	Aug-99	Sep-99	MS	4 MO	FEMALE	24	17	MIS-USED - BELTS NOT USED PROPERLY; NOT PROPERLY SECURED IN RFCSS	1996	HYUNDAI	ACCENT	13	NO	UNCONSCIOUS POST RESUSCIATION ON ADMISSION OR INITIAL OBSERVATION AT SCENE	PAB FLAP
22	DS01015	AVAILABLE	Aug-01	Aug-01	CA	2 MO	MALE	25	17	MIS-USED - BELTS NOT USED PROPERLY; UNKNOWN IF PROPERLY SECURED IN RFCSS	1994	FORD	PROBE	8.3	YES	LOSS OF CONSCIOUSNESS	PAB; CHILD SEAT BACK

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23	CA03001	AVAILABLE	Nov-02	Jan-03	GA	6 MO	MALE	28	17	UNKNOWN - UNKNOWN IF BELTS USED PROPERLY; UNKNOWN IF PROPERLY SECURED IN RFCSS	1996	DODGE	GRAND CARAVAN	10.5	YES	SKULL FRACTURE	PAB; CHILD SEAT BACK

REPORT NOTES

- ACTIVE – INVESTIGATION INITIATED AND CONTINUING; REPORT NOT YET RECEIVED AT NHTSA
- UNDER REVIEW – INVESTIGATION COMPLETE; REPORT UNDER REVIEW BY NHTSA STAFF; REPORT NOT AVAILABLE
- AVAILABLE – REPORT REVIEW COMPLETE; REPORT PLACED IN PUBLIC FILE AND AVAILABLE FROM OUR WEBSITE:
[HTTP://WWW-NRD.NHTSA.DOT.GOV/DEPARTMENTS/NRD-30/NRSA/SCI.HTML](http://www-nrd.nhtsa.dot.gov/departments/nrd-30/nrsa/sci.html)
- UNK - UNKNOWN
- PAB FLAP - PASSENGER'S AIR BAG COVER FLAP
- DAB - DRIVER'S AIR BAG
- N/A - NOT APPLICABLE
- PAB - PASSENGER'S AIR BAG
- FX – FRACTURE

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CHILDREN NOT IN REAR FACING CHILD SAFETY SEATS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OF MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
1	CA93007	AVAILABLE	Apr-93	Apr-93	OH	6	FEMALE	44	51	NO	1993	VOLVO	850	7	YES	BRAIN INJURY	PAB FLAP; PAB; WINDSHIELD
2	DS94020	AVAILABLE	Sep-94	Dec-94	UT	4	FEMALE	41	35	NO	1994	DODGE	CARAVAN	8	YES	SKULL FX	PAB; INSTRUMENT PANEL
3	CA94043	AVAILABLE	Jul-94	Dec-94	VA	4	MALE	44	54	NO	1994	FORD	MUSTANG	10-12	YES	BRAIN; NECK INJURY	PAB
4	IN95008	AVAILABLE	Mar-95	May-95	TX	9	MALE	55	65	MIS-USED - USED LAP BELT ONLY	1995	PLYMOUTH	VOYAGER	16	YES	BRAIN; NECK INJURY	PAB

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CHILDREN NOT IN REAR FACING CHILD SAFETY SEATS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OF MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

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5	CA95015	AVAILABLE	Mar-94	Aug-95	TX	7	FEMALE	53	78	NO	1993	LEXUS	LS400	11-18	YES	ATLANTO-OCCIPITAL; C-SPINE TRANSECTION	PAB
6	CA95020	AVAILABLE	Oct-95	Oct-95	UT	5	MALE	41	55	NO	1994	CHEVROLET	CAMARO	10	YES	C-SPINE INJURY	PAB FLAP
7	CA95021	AVAILABLE	Oct-95	Oct-95	MD	7	FEMALE	51	55	MIS-USED - USED LAP BELT ONLY	1995	DODGE	CARAVAN	11	YES	CLOSED HEAD INJURY; BRAIN DEAD	PAB
	IN95018	AVAILABLE	Oct-95	Oct-95	PA	3	MALE	41	37	YES - BELTS USED; PROPERLY SECURED IN BOOSTER SEAT	1995	JAGUAR	XJS	<10	YES	NON-FATAL BRAIN INJURY	PAB

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8	IN95020	AVAILABLE	May-95	Dec-95	MI	5	FEMALE	42	45	NO	1995	FORD	CONTOUR	10-15	YES	ATLANTO OCCIPITAL; C-SPINE; BRAIN INJURY	PAB FLAP
9	CA95023	AVAILABLE	Apr-95	Dec-95	VT	5	FEMALE	46	45	NO	1993	DODGE	INTREPID	12-18	YES	BRAIN; NECK INJURY	PAB
10	ID95001	AVAILABLE	Dec-94	Dec-95	MS	6	FEMALE	UNK	UNK	NO	1995	TOYOTA	CAMRY	<10	YES	CLOSED HEAD INJURY	PAB FLAP
11	CA96001	AVAILABLE	Jan-96	Jan-96	MI	9	MALE	54	90	NO	1995	DODGE	CARAVAN	12-18	YES	ATLANTO OCCIPITAL DISLOCATION; SPINAL CORD INJURY	PAB

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12	DS96005	AVAILABLE	Apr-96	Apr-96	MD	3	FEMALE	39	29	NO - ON LAP OF PASSENGER	1995	GEO	METRO	10	NO	ATLANTO OCCIPITAL; SPINAL CORD INJURY; SKULL FX; CORTICAL CONTUSION; SUBARACHNOID HEMORRHAGE	PAB; PAB FLAP
13	IN96010	AVAILABLE	Dec-94	Apr-96	VA	4	FEMALE	46	50	NO	1994	FORD	ASPIRE	12-16	YES	CONCUSSION; CEREBRAL EDEMA; INTRAVENTRICULAR HEMORRHAGE; SUBARACHNOID HEMORRHAGE; ATLANTO-OCCIPITAL DISLOCATION	PAB
14	IN96012	AVAILABLE	May-96	May-96	NC	4	FEMALE	43	45	NO	1994	PLYMOUTH	VOYAGER	8	YES	BRAIN; NECK INJURY	PAB
15	CA96007	AVAILABLE	May-96	May-96	NY	7	MALE	48	50	NO	1996	FORD	CONTOUR	10	YES	NECK TRANSECTED	PAB FLAP; PAB

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16	IN96018	AVAILABLE	Jun-96	Jul-96	KS	5	MALE	UNK	42	NO	1995	CHEVROLET	LUMINA	12	YES	NECK FX	PAB
17	IN96019	AVAILABLE	Jun-96	Aug-96	MO	4	MALE	48	50	NO	1995	DODGE	CARAVAN	15-20	YES	BASAL SKULL FX	PAB
18	CA96010	AVAILABLE	Sep-96	Sep-96	TN	5	FEMALE	41	35	MISUSED	1996	DODGE	CARAVAN	13	YES	DIFFUSE AXONAL INJURY; CEREBRAL EDEMA	PAB
19	CA96012	AVAILABLE	Sep-96	Sep-96	NH	5	MALE	46	62	NO	1995	HYUNDAI	SONATA	12-14	YES	C-SPINE FX; SPINAL CORD INJURY	PAB FLAP

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	CA96011	AVAILABLE	Sep-96	Sep-96	PA	5	MALE	42	40	MIS-USED - USED LAP BELT ONLY	1995	FORD	CONTOUR	9	YES	CLOSED HEAD INJURY - CONCUSSIVE SYNDROME WITH DEFICIT	PAB
	NS96001	AVAILABLE	Aug-96	Sep-96	MI	3	MALE	42	32	MIS-USED - USED LAP BELT ONLY	1996	FORD	ESCORT	22	NO	NON-FATAL BRAIN INJURY	PAB
20	IN96022	AVAILABLE	Jun-96	Sep-96	OK	5	MALE	46	39	YES	1996	MITSUBISHI	GALANT	12	YES	CLOSED HEAD INJURY; DEPRESSED SKULL FX	PAB
21	IN96025	AVAILABLE	Oct-96	Oct-96	MS	6	MALE	46	50	NO	1995	FORD	MUSTANG	8-11	YES	NECK FX	PAB

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Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
	IN96026	AVAILABLE	Oct-96	Oct-96	OH	4	FEMALE	42	31	NO	1995	CHEVROLET	CAMARO	7	YES	NON-FATAL BRAIN INJURY; SKULL FX	PAB, CENTER FLOOR CONSOLE
22	IN96024	AVAILABLE	Jul-96	Oct-96	NM	6	FEMALE	47	65	NO	1996	PLYMOUTH	NEON	11-18	YES	CERVICAL FX	PAB
	DS96009	AVAILABLE	Nov-96	Nov-96	UT	4	MALE	43	40	MIS-USED - USED LAP BELT ONLY	1995	PONTIAC	GRAND PRIX	8	YES	NON-FATAL BRAIN INJURY; ARM FX	PAB, MODULE COVER
23	DS96011	AVAILABLE	Nov-96	Nov-96	ID	1	FEMALE	28	18	NO - BELTS NOT USED; PROPERLY SECURED IN FFCSS	1995	VOLKSWAGEN	JETTA	7	YES	DECAPITATION; ARM FXS	PAB

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	NS96004	AVAILABLE AS NASS 96-74-195J	Dec-96	Dec-96	NE	6	MALE	52	55	NO	1995	PLYMOUTH	VOYAGER	8	YES	NON-FATAL NECK FX	PAB FLAP
	DS96014	AVAILABLE	Dec-96	Dec-96	CO	7 mo	FEMALE	28	18	NO - INFANT HELD IN LAP OF PASSENGER; NOT IN RFCSS	1996	FORD	ESCORT	12	YES	NON-FATAL BRAIN HEMORRHAGE	PAB
24	IN96029	AVAILABLE	Dec-96	Dec-96	KY	4	MALE	45	40	NO	1995	GEO	METRO	11-18	YES	NECK FX	PAB
25	DS96012	AVAILABLE	Dec-96	Dec-96	NM	4	FEMALE	44	38	MIS-USED - USED LAP BELT ONLY	1996	OLDSMOBILE	CUTLASS	14	YES	HEAD INJURIES; POSTERIOROMEDIAL FRACTURES TO RIBS; EXTENSION INJURY C2 AND C3	PAB

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26	IN97001	AVAILABLE	Dec-96	Jan-97	TX	2	MALE	36	24	NO - ON LAP OF PASSENGER	1995	GEO	METRO	10	YES	DECAPITATION	PAB
27	CA97002	AVAILABLE	Jan-97	Jan-97	PA	1	FEMALE	34	25	NO - ON LAP OF PASSENGER	1994	FORD	ASPIRE	19	NO	SPINAL CORD SEVERED AT ATLANTO-OCCIPITAL; SKULL FRACTURE; SUBARACHNOID HEMORRHAGE	PAB FLAP; PAB
28	CA96024	AVAILABLE	Dec-96	Dec-96	GA	1	FEMALE	36	22	NO - ON LAP OF PASSENGER	1997	SATURN	SL2	10-12	YES	CLOSED HEAD INJURY	PAB
	CA97006	AVAILABLE	Jan-97	Feb-97	ME	3	MALE	41	35	MIS-USED - BELTS NOT USED PROPERLY; NOT PROPERLY SECURED IN BOOSTER SEAT	1994	DODGE	CARAVAN	11	YES	NON-FATAL SKULL FX; BRAIN INJURY	PAB; MODULE COVER

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29	IN97005	AVAILABLE	Feb-97	Feb-97	OH	4	MALE	42	42	NO	1997	HYUNDAI	ACCENT	13	YES	CERVICAL FX	PAB
	DS97001	AVAILABLE	Jan-97	Mar-97	CO	7	MALE	UNK	60	YES	1995	DODGE	CARAVAN	10	NO	NON-FATAL HEAD INJURY	PAB
30	CA97016	AVAILABLE	Apr-97	Apr-97	PR	1	FEMALE	34	27	NO	1996	HYUNDAI	ACCENT	11-18	YES	C1/C2 FX/DISPLACEMENT; COMPLETE CORD TRANSECTION	PAB FLAP; PAB
	DS97002	AVAILABLE	Feb-97	Feb-97	CA	6	FEMALE	45	49	YES	1996	DODGE	GRAND CARAVAN	14	YES	NON-FATAL CLOSED HEAD INJURY; BRAIN SWELLING	PAB

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31 SEE NOTE 1	1997-41-049A	AVAILABLE	Apr-97	Oct-97	FL	2	MALE	32	21	NO - ON LAP OF PASSENGER	1995	SATURN	SL2	14.2	UNK	TRANSECTION OF THE CERVICAL SPINAL CORD	PAB
32	IN97018	AVAILABLE	May-96	Jul-97	IL	4	FEMALE	45	44	MIS-USED - USED LAP BELT ONLY	1994	PLYMOUTH	VOYAGER	11	YES	C1/C2 SUBLUXATION; BRAIN INJURY	PAB
33	CA97028	AVAILABLE	Aug-97	Aug-97	NC	8	FEMALE	53	83	MIS-USED - SHOULDER BELT UNDER THE RIGHT ARM	1994	JAGUAR	XJ6	11.8	YES	CEREBRAL SUBARACHNOID HEMORRHAGE	PAB; PAB FLAP
	CA97012	AVAILABLE	Feb-97	Mar-97	FL	3	FEMALE	42	30	MIS-USED - USED LAP BELT ONLY	1997	GEO	METRO	21	YES	NON-FATAL BRAIN INJURY; SKULL FX	PAB; CENTER INSTRUMENT PANEL

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	IN97027	AVAILABLE	Nov-96	Sep-97	WI	8	FEMALE	49	55	NO	1996	PLYMOUTH	VOYAGER	24	NO	NON-FATAL ATLANTO-OCCIPITAL; C-SPINE; NONANATOMIC BRAIN INJURY; DIFFUSE CEREBRAL EDEMA; INTRAVENTRICULAR AND	PAB
34 SEE NOTE 2	DS97018	AVAILABLE	Aug-97	Sep-97	NM	2	FEMALE	38	33	MIS-USED - USED LAP BELT ONLY	1995	HYUNDAI	ACCENT	14	YES	TRANSECTION OF CERVICAL SPINAL CORD	PAB
35	IN97032	AVAILABLE	Aug-97	Sep-97	OK	2	FEMALE	37	23	NO	1995	MITSUBISHI	GALANT	14	YES	ATLANTO-OCCIPITAL AND ATLANTO-AXIAL DISLOCATIONS	PAB
36	IN97033	AVAILABLE	May-97	Sep-97	TX	4	FEMALE	39	39	NO	1997	CHEVROLET	CAMARO	11	YES	FX/DISLOCATION AT C1 WITH CORD SYNDROME	PAB

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37	DS97017	AVAILABLE	Jul-97	Aug-97	AZ	5	MALE	44	42	NO	1997	MERCURY	TRACER	6	YES	FX/DISLOCATION OF CERVICAL SPINE; PARTIAL SPINAL CORD TRANSECTION	PAB FLAP
	IN97021	AVAILABLE	Jul-97	Jul-97	OK	3	FEMALE	42	36	MIS-USED - USED LAP BELT ONLY	1995	DODGE	NEON	18	YES	OCCIPITAL CERVICAL DISLOCATION AT C1/C2 WITH SPINAL CORD INJURY	PAB
	IN97017	AVAILABLE	Jun-97	Jun-97	IN	4	MALE	36	40	YES - USED LAP BELT ONLY; CENTER FRONT PASSENGER	1992	FORD	TAURUS	10-15	NO	FX/SUBLUXATION AT C2	DAB
	IN97015	AVAILABLE	Jun-97	Jun-97	MO	6	MALE	40	44	NO	1997	VOLKSWAGEN	JETTA	18	YES	CLOSED HEAD INJURY	PAB

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38	CA97045	AVAILABLE	Oct-97	Nov-97	FL	1	FEMALE	32	28	MIS-USED - BELTS NOT USED PROPERLY; UNKNOWN IF PROPERLY SECURED IN FCSS	1997	GEO	METRO	8 - 10	NO	CEREBRAL EDEMA; SUBARACHNOID HEMORRHAGE	PAB
39	IN97035	AVAILABLE	Oct-97	Oct-97	AL	6	MALE	49	48	NO	1994	PONTIAC	GRAND PRIX	14	YES	FX/SUBLUXATION AT C2-C3 WITH SPINAL CORD INJURY	PAB
40	IN97029	AVAILABLE	Sep-97	Sep-97	MN	11	MALE	60	70	YES	1994	DODGE	GRAND CARAVAN	7	NO	NONANATOMIC BRAIN INJURY; BRAIN STEM HERNIATION; SUBDURAL HEMATOMA; SUBARACHNOID HEMORRHAGE; EDEMA	PAB
41	IN97042	AVAILABLE	Nov-97	Nov-97	MS	5	FEMALE	37	40	NO	1995	FORD	CONTOUR	8	YES	FX/DISLOCATION AT C1 WITH SPINAL CORD TRANSECTION	PAB FLAP

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42	CA97033	AVAILABLE	Sep-97	Oct-97	OH	4	FEMALE	39	34	NO	1994	FORD	CROWN VICTORIA	12-15	YES	CERVICAL SPINE CORD CONTUSION COMPLETE CORD SYNDROME C-3 OR ABOVE WITH DISLOCATION	PAB
	1997-06-140K	AVAILABLE	Oct-97	Oct-97	PA	5	FEMALE	UNK	UNK	NO	1997	GEO	METRO	16	NO	RIGHT FRONTAL CEREBRAL CONTUSION	PAB
43	IN97034	AVAILABLE	Oct-97	Oct-97	TX	4	FEMALE	44	28	NO	1997	HYUNDAI	ACCENT	11	YES	FX C2; SPINAL CORD TRANSECTION / COMPRESSION	PAB
44	DS97021	AVAILABLE	Oct-97	Oct-97	OR	7	MALE	UNK	UNK	NO	1996	MERCURY	SABLE	11	YES	C1/C2 SEPARATION; CRUSHED LARYNX AND TRACHEA	PAB

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45	CA98024	AVAILABLE	Apr-98	Apr-98	VA	3	FEMALE	42	45	NO	1997	FORD	EXPLORER	12	YES	C1/C2 FX/DISLOCATION; SPINAL CORD TRANSECTION	PAB FLAP; PAB
46	1998-05-050A	AVAILABLE	Apr-98	Apr-98	PA	6	MALE	46	52	MIS-USED - USED LAP BELT ONLY	1995	MITSUBISHI	ECLIPSE	18	YES	DIFFUSE SUBDURAL HEMORRHAGE	PAB
47	CA97042	AVAILABLE	Oct-97	Oct-97	NY	7	MALE	48	48	NO	1995	TOYOTA	AVALON	20	YES	HIGH CERVICAL INJURY WITH PROBABLE CORD TRANSECTION	PAB
48	CA98027	AVAILABLE	Apr-98	Apr-98	MS	10	FEMALE	56	75	NO	1995	VOLKSWAGEN	JETTA	12	YES	C1/C2 FX: COMPLETE SPINAL CORD TRANSECTION	PAB

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49	CA97047	AVAILABLE	Nov-97	Nov-97	NC	3	FEMALE	36	39	NO - ON LAP OF PASSENGER	1996	PLYMOUTH	NEON	9	YES	C3/C4 ANTERIOR SUBLUXATION; BRAIN STEM HERNIATION; LUNG CONTUSIONS	PAB
50	IN97014	AVAILABLE	May-97	May-97	LA	7	FEMALE	53	48	NO	1996	SUBARU	IMPREZA	10	YES	DIFFUSE CEREBRAL EDEMA; DIFFUSE SUBARACHNOID HEMORRHAGE; SUBDURAL HEMATOMA; C1 DISLOCATION	PAB
51	CA98035	AVAILABLE	Apr-98	May-98	KY	9	FEMALE	56	60-70	MISUSED	1995	MERCURY	COUGAR	3-5	YES	LEFT SUBDURAL HEMATOMA; MASSIVE CEREBRAL EDEMA; C1/C2 ROTARY SUBLUXATION	PAB
52	CA98047	AVAILABLE	Aug-98	Sep-98	GA	3	MALE	43	40	NO	1995	TOYOTA	COROLLA	12	YES	SEPARATION OF SKULL FROM C1 SPINAL VERTEBRA	PAB FLAP

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CHILDREN NOT IN REAR FACING CHILD SAFETY SEATS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OF MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
53	IN98020	AVAILABLE	Feb-97	Aug-98	TX	7	MALE	48	49	NO	1994	FORD	PROBE	6-9	NO	BRAIN STEM COMPRESSION; SEVERE EDEMA	PAB; WINDSHIELD HEADER
	IN98024	AVAILABLE	Dec-94	Oct-98	TX	4	MALE	40	44	NO	1994	PONTIAC	FIREBIRD	13.7	YES	ANTERIOR DISLOCATION C1/C2; COMPLETE CORD SYNDROME	PAB COVER FLAP
54	IN98030	AVAILABLE	Nov-98	Nov-98	AR	8	MALE	46	44	NO	1998	DODGE	RAM 1500	18.2	YES	LACERATION UPPER CERVICAL SPINAL CORD WITH ATLANTO-OCCIPITAL DISLOCATION	PAB
55	DS98014	AVAILABLE	Mar-96	Apr-98	KY	4	FEMALE	40	35	NO	1994	PLYMOUTH	VOYAGER	9	YES	CEREBRAL EDEMA; SUBARACHNOID HEMORRHAGE; DISPLACED C1/C2 CERVICAL SPINE INJURY	PAB; WINDSHIELD

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	CA98019	AVAILABLE	Mar-98	Mar-98	FL	7	FEMALE	UNK	42	MIS-USED - USED LAP BELT ONLY	1996	ACURA	TL	15	YES	COMPLETE SPINAL CORD INJURY C1/C2 RESULTING IN QUADRIPLÉGIA; SUBARACHNOID HEMORRHAGE, CLOSED HEAD INJURY	PAB
56	IN98027	AVAILABLE	Sep-98	Oct-98	AR	1	FEMALE	28	30	NO - BELTS NOT USED; PROPERLY SECURED IN FFCSS	1995	TOYOTA	COROLLA	10-14	YES	NONANATOMIC BRAIN INJURY- UNCONSCIOUSNESS, UNRESPONSIVE, AND FLACCID	PAB
57	LTC9831	ACTIVE	Jun-98	Jul-98	FL	3	MALE	36	37	NO - ON LAP OF PASSENGER	1994	DODGE	CARAVAN	10	NO	DISTRACTION OF C1/C2 WITH COMPLETE SPINAL CORD TRANSECTION	PAB
58	DS98025	AVAILABLE	Sep-98	Sep-98	CA	2	MALE	37	40	MIS-USED - BELTS NOT USED PROPERLY; NOT PROPERLY SECURED IN FFCSS	1995	GEO	PRIZM	12	YES	CERVICAL SPINE CORD LACERATION COMPLETE CORD SYNDROME C-3 OR ABOVE WITH FRACTURE	PAB

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59	IN99002	AVAILABLE	Jan-99	Feb-99	IL	4	MALE	42	35	NO	1999	PONTIAC	GRAND AM	13	NO	ATLANTO-OCCIPITAL DISLOCATION; SPINAL CORD LACERATION; SUBARACHNOID HEMORRHAGE	PAB FLAP; PAB
60	IN99070	AVAILABLE	Jan-97	Apr-99	LA	3	FEMALE	40	33	NO	1996	FORD	TAURUS	13	YES	NONANATOMIC BRAIN INJURY	PAB
61	DS99018	AVAILABLE	Mar-99	Mar-99	WA	5	FEMALE	43	43	NO	1995	FORD	ASPIRE	11	YES	SUBLUXATION C1/C2 CERVICAL SPINE	PAB
	IN98031	AVAILABLE	Nov-98	Dec-98	IA	10	FEMALE	57	65	NO	1997	DODGE	CARAVAN	7.5	NO	CRITICAL NON-ANATOMIC BRAIN INJURY	PAB

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62	CA99004	AVAILABLE	Mar-99	Apr-99	NC	6	FEMALE	47	48	NO	1995	HYUNDAI	SONATA	13	YES	DIFFUSE SUBDURAL HEMORRHAGE; CEREBRAL CONTUSIONS	PAB FLAP; PAB
63	DS99020	AVAILABLE	Jun-99	Jul-99	AZ	3	FEMALE	41	48	MIS-USED - BELTS NOT USED PROPERLY; NOT PROPERLY SECURED IN FFCSS	1997	FORD	TAURUS	8	YES	ATLANTO-OCCIPITAL DISLOCATION WITH LACERATION OF THE BRAIN INVOLVING THE PONS MEDULLARY JUNCTION	PAB
64	DS98028	AVAILABLE	Nov-98	Jan-99	CA	10	MALE	UNK	UNK	NO	1995	PLYMOUTH	VOYAGER	10	YES	RIGHT SUBDURAL HEMATOMA; CEREBRAL HERNIATION; BRAIN DEAD	PAB
65	CA99025	AVAILABLE	Jul-99	Aug-99	OH	7	MALE	52	46	NO	1998	PONTIAC	GRAND PRIX	12	YES	SUBDURAL HEMORRHAGE; BRAIN SWELLING	PAB FLAP; PAB; WINDSHIELD HEADER

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66	CA98038	AVAILABLE	Jul-98	Jul-98	SC	4	MALE	UNK	UNK	NO - ON LAP OF PASSENGER	1998	PLYMOUTH	NEON	18	YES	UPPER CERVICAL SPINAL FRACTURE	PAB
67	IN99080	AVAILABLE	Dec-97	Aug-99	MS	7	FEMALE	36	43	MIS-USED - USED LAP BELT ONLY	1995	DODGE	NEON	12-16	YES	SEVERE CEREBRAL EDEMA; NONANATOMIC BRAIN INJURY	PAB
68	CA99043	AVAILABLE	Sep-99	Sep-99	GA	7	FEMALE	52	60	NO - ON LAP OF PASSENGER	1996	CHRYSLER	CONCORDE	6	YES	C1/C2 FX/SEPARATION	PAB
69	IN97047	AVAILABLE	Nov-97	Nov-97	LA	4	FEMALE	36	35	NO - ON LAP OF PASSENGER	1995	FORD	WINDSTAR	19	NO	SEVERE CEREBRAL EDEMA; SUBARACHNOID HEMORRHAGE NON ANATOMIC BRAIN INJURY	PAB

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	IN98023	AVAILABLE	Oct-98	Oct-98	IN	8	MALE	UNK	63	YES	1995	MITSUBISHI	ECLIPSE	13	YES	NON-ANATOMIC BRAIN INJURY; SUBDURAL HEMATOMA	PAB; CENTER CONSOLE
70	CA00001	AVAILABLE	Dec-99	Jan-00	VA	4 mo	FEMALE	23	16	NO - ACROSS DRIVER'S CHEST	1997	NISSAN	SENTRA	5-10	NO	SUB-DURAL, SUB-ARACHNOID AND, INTRA-PARENCHYMAL HEMORRHAGE	DAB
71	CA99046	AVAILABLE	Sep-99	Sep-99	VA	7	FEMALE	50	91	NO	1996	VOLKSWAGEN	GOLF	15	YES	COMPLETE TRANSECTION SPINAL CORD	PAB
72	IN99113	AVAILABLE	Dec-99	Dec-99	WI	2	MALE	36	27	NO	1995	CHEVROLET	CAVALIER	10-15	NO	SPINAL CORD INJURY; HIGH CERVICAL FRACTURE; DISTRACTION / SEPERATION BETWEEN C2/C3	PAB FLAP

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73	CA99044	AVAILABLE	Dec-97	Sep-99	PA	2	MALE	38	34	NO	1997	HYUNDAI	ACCENT	9	YES	SEPARATION OF SPINAL COLUMN; SEPARATION OF SPINAL CORD	PAB
74	CA97025	AVAILABLE	Jun-97	Jul-97	PA	3	MALE	38	45	NO - ON LAP OF PASSENGER	1995	FORD	ASPIRE	15	YES	CEREBRAL EDEMA; BRAIN SWELLING; SUBDURAL HEMATOMA	PAB
75	CA00009	AVAILABLE	Feb-00	Mar-00	FL	3	MALE	41	36	NO	1995	FORD	THUNDERBIRD	7	YES	TRANSECTION OF SKULL BASE FROM FIRST CERVICAL VERTEBRA (WITH TRANSECTION OF THE SPINAL CORD)	PAB
76	DS98018	AVAILABLE	May-98	May-98	AZ	5	FEMALE	48	52	MIS-USED - USED LAP BELT ONLY	1995	HYUNDAI	ACCENT	11	YES	DISLOCATION OF OCCIPITAL BONE AND FIRST CERVICAL VERTEBRA; TRANSECTION OF THE PONS AND MEDULLA	PAB

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77	DS96010	AVAILABLE	Aug-96	Nov-96	CA	7	MALE	54	57	YES	1992	MERCURY	SABLE	24	NO	MASSIVE BRAIN EDEMA; SUBDURAL AND VENTRICULAR HEMORRAGE	PAB
78	CA00010	AVAILABLE	Mar-00	Mar-00	DE	11	FEMALE	56	110	YES	1995	CHRYSLER	CONCORDE	21	NO	CERVICAL SPINE CORD CONTUSION COMPLETE CORD SYNDROME C-3 OR ABOVE WITH NO FRACTURE	PAB
	DS99040	AVAILABLE	Apr-97	Dec-99	CO	5	MALE	42	44	MIS-USED - TWO CHILDREN RESTRAINED BY SAME LAP BELT	1994	JAGUAR	XJS	11	UNK	DIFFUSE BRAIN SWELLING WITH OBLITERATION OF SUPRASELLAR CISTERN AND THIRD VENTRICLE	PAB; DOOR
79	IN00010	AVAILABLE	Dec-99	May-00	TX	1	MALE	UNK	UNK	NO - ON LAP OF PASSENGER	1996	HYUNDAI	ACCENT	11	YES	CEREBRUM HEMATOMA; LARGE SUBDURAL HEMORRHAGE	PAB

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80	CA00011	AVAILABLE	Apr-00	Apr-00	MA	9	MALE	51	50	NO	1995	MERCURY	MARQUIS	8-10	NO	HINGE FRACTURE AT BASE OF SKULL WITH EXTENSION ONTO THE LEFT OCCIPITAL; ACUTE SUBDURAL HEMORRHAGE, CEREBRUM	DAB
81	IN00007	AVAILABLE	Feb-98	Apr-00	OK	4	FEMALE	UNK	UNK	NO	1997	HYUNDAI	ACCENT	15	YES	FRACTURE, CERVICAL SPINE	PAB
	1997-52-29	ACTIVE	Aug-97	Aug-97	MI	7	MALE	47	55	NO	1997	FORD	F150	13	UNK	SHEARING INJURY OF WHITE MATTER OF THE BRAIN	PAB
82	IN97023	AVAILABLE	Aug-97	Aug-97	OK	3	MALE	41	35	MIS-USED - SEATED BETWEEN FATHER'S LEGS IN RIGHT FRONT PASSENGER SEAT; SHARED LAP BELT WITH FATHER	1996	GMC	SAFARI	17	YES	NON-ANATOMIC BRAIN INJURY WITH LOSS OF CONCIIOUSNESS, PUPILS FIXED AND DILATED, ASYSTOLE, AND APNEA	PAB

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83	IN97030	AVAILABLE	Sep-97	Sep-97	MS	4	FEMALE	36	42	NO - ON LAP OF PASSENGER	1997	DODGE	NEON	9	YES	NON-ANATOMIC BRAIN INJURY WITH MINIMAL FLEXION TO PAINFUL STIMULI AND NEUROLOGIC DEFICIT; SEVERE EDEMA	PAB; WINDSHIELD HEADER; FRONT RIGHT HEADER
	IN97028	AVAILABLE	Aug-97	Sep-97	TX	6	FEMALE	46	51	NO	1997	TOYOTA	CAMRY	11.7	YES	NON-ANATOMIC BRAIN INJURY WITH LOSS OF CONCIOUSNESS AND NEUROLOGICAL DEFICIT	PAB
84	2000-49-068A	AVAILABLE	Apr-00	Apr-00	TX	11 mo	FEMALE	28	20	NO - STANDING ON THE LAP OF DRIVER	1997	PLYMOUTH	GRAND VOYAGER	10	NO	NON-ANATOMIC BRAIN INJURY WITH LOSS OF CONCIOUSNESS; SUBDURAL HEMHORRAGE	DAB, FRONT LEFT HEADER
85	DS98020	AVAILABLE	Jul-98	Jul-98	CO	9	MALE	54	70	MIS-USED - USED LAP BELT ONLY	1996	FORD	TAURUS	6.5	YES	SMALL LACERATION TO THE BRAIN STEM INVOLVING THE JUNCTION BETWEEN PONS AND MEDULLA C1 AND C2 ARE INTACT	PAB

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86	DS98019	AVAILABLE	May-98	May-98	CO	3	MALE	40	45	NO	1997	NISSAN	QUEST	10.2	YES	COMPLETE TRANSECTION OF THE BRAINSTEM AT THE PONTINE-MEDULLARY JUNCTION	PAB
87	CA00036	AVAILABLE	May-00	Aug-00	WV	6	FEMALE	50	90	NO	1995	PLYMOUTH	VOYAGER	13	YES	BASILAR SKULL FRACTURE (NFS); SEVERE HEAD TRAUMA (NFS)	PAB
88	CA98042	AVAILABLE	Jul-98	Jul-98	PA	7	MALE	UNK	UNK	NO	1994	MERCURY	SABLE	11	NO	BRAIN STEM INJURY; DISLOCATION OF THE CERVICAL SPINE AT C1	DAB; UPPER AIR BAG MODULE COVER FLAP
89	CA00029	AVAILABLE	Jun-98	Aug-00	LA	3	FEMALE	UNK	UNK	MIS-USED - USED LAP BELT ONLY	1995	HYUNDAI	ACCENT	12-14	YES	CERVICAL DISLOCATION (SUBLUXATION) WITHOUT FRACTURE, NFS	PAB

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90	CA00046	AVAILABLE	Dec-99	Nov-00	AZ	5	FEMALE	47	47	NO - ON LAP OF PASSENGER	1998	FORD	F150	14.5	YES	CONTUSION TO THE LEFT INFERIOR GYRUS WITH DIFFUSE SUBARACHNOID HEMORRHAGE	PAB
91	CA00053	AVAILABLE	Oct-99	Nov-00	TX	7	MALE	47	43	MIS-USED - USED LAP BELT ONLY	1996	JAGUAR	XJS	15	YES	EXTENSIVE BASILAR SKULL FRACTURE	PAB FLAP
92	CA00049	AVAILABLE	May-99	Nov-00	IL	7	MALE	52	65	NO	1997	MITSUBISHI	GALANT	11.3	YES	WIDE SEPARATION OF C1 AND OCCIPITAL BONE	PAB
	CA98065	AVAILABLE	Nov-98	Nov-98	FL	6	FEMALE	49	52	MIS-USED - SHOULDER BELT INCORRECTLY POSITIONED UNDER ARM	1996	TOYOTA	COROLLA	13.2	YES	CLOSED HEAD INJURY, CONCUSSION WITH BRIEF LOSS OF CONSCIOUSNESS, 1-3 MINUTES	PAB

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93	CA99051	AVAILABLE	Nov-98	Sep-99	TN	2	MALE	UNK	UNK	NO - ON LAP OF FRONT RIGHT PASSENGER	1998	CHEVROLET	CAVALIER	14	YES	BRAIN STEM INJURY(NFS)	PAB; MODULE COVER FLAP
94	CA99038	AVAILABLE	Feb-98	Sep-99	FL	4	FEMALE	UNK	UNK	MISUSED	1998	MITSUBISHI	ECLIPSE	10.6	YES	SUBLUXATION OF C1-C2 WITH SPINAL CORD INJURY	PAB; COVER FLAP
95	CA00003	AVAILABLE	Jan-00	Jan-00	OH	5	MALE	46	40	NO	1996	FORD	CONTOUR	9	NO	DIFFUSE AXONAL INJURY/PARENCHYMAL HEMORRHAGE; HEMORRHAGIC CONTUSION RIGHT HIPPOCAMPUS; SUBDURAL HEMORRHAGE CEREBRUM	PAB
96	CA00055	AVAILABLE	Dec-99	Nov-00	WV	10	MALE	54	77	NO - ON LAP OF FRONT RIGHT PASSENGER	1997	CHEVROLET	CAVALIER	10.6	NO	FRACTURE OF THE C-1 WITH DISPLACEMENT FROM OCCIPITAL BONE WITH TRANSECTION INJURY TO SPINAL CORD	PAB

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97	CA01003	AVAILABLE	Jan-98	Jan-01	CA	4	MALE	42	38	NO	1996	NISSAN	QUEST	12	YES	CONTUSIONS OF THE RIGHT BASAL GANGLION POSTERIORLY	PAB; WINDSHIELD HEADER
98	CA00026	AVAILABLE	Sep-99	Jul-00	GA	8	FEMALE	50	86	MIS-USED - SHOULDER BELT UNDER RIGHT ARM	1999	GEO	METRO	13	YES	FRACTURE DISLOCATION BETWEEN C1 AND C2 WITH CORD CONTUSION; SUBDURAL HEMORRHAGE	PAB
99	CA00052	AVAILABLE	Dec-99	Nov-00	SC	6	MALE	UNK	UNK	NO - ON LAP OF PASSENGER	1994	NISSAN	ALTIMA	10.6	YES	CERVICAL DISLOCATION	PAB
100	IN01016	AVAILABLE	May-01	Jun-01	TN	1	MALE	31	32	NO - BELTS NOT USED; PROPERLY SECURED IN FFCSS	1995	DODGE	NEON	8.7	YES	DECAPITATION	PAB FLAP

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101	IN01021	AVAILABLE	Aug-01	Aug-01	TX	1	FEMALE	32	31	NO - ON LAP OF PASSENGER	1996	GEO	METRO	17.5	YES	LACERATION OF THE CERVICAL SPINAL CORD AT THE C5-C6 LEVEL WITH CERVICAL FRACTURE	PAB
102	IN00013	AVAILABLE	Apr-00	May-00	TX	2	FEMALE	35	29	NO - ON LAP OF PASSENGER	1997	PLYMOUTH	NEON	7-11	NO	SPINAL CORD LACERATION AT THE C3 WITH FRACTURE OF C3	PAB
103	IN01011	AVAILABLE	Sep-00	Apr-01	IL	3	MALE	35	UNK	NO - SITTING BETWEEN THE LEGS OF THE FRONT RIGHT PASSENGER	1996	GEO	METRO	18	YES	LACERATION OF BRAINSTEM ANTERIOR TO PONS	PAB; MODULE COVER FLAP
104	CA01015	AVAILABLE	Nov-98	Jan-01	GA	4	MALE	42	38	NO	1994	PLYMOUTH	VOYAGER	10-15	YES	BRAIN STEM INJURY INVOLVING HEMORRHAGE	PAB

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105	CA98049	AVAILABLE	Sep-98	Sep-98	VA	5	MALE	UNK	UNK	NO	1997	FORD	EXPLORER	11.2	YES	CERVICAL FRACTURE	PAB; COVER FLAP
106	CA98067	AVAILABLE	Jun-98	Nov-98	GA	6	FEMALE	UNK	UNK	NO	1995	TOYOTA	COROLLA	10-12	YES	ATLANTO-OCCIPITAL DISLOCATION	PAB
107	IN98016	AVAILABLE	Feb-98	Feb-98	IL	4	FEMALE	43	45	NO	1995	HYUNDAI	SONATA	14	YES	LACERATION OF CERVICAL SPINAL CORD	PAB
	CA01049	AVAILABLE	May-01	Nov-01	NC	9	MALE	58	70	NO	1997	NISSAN	QUEST	11	YES	CRUSH INJURY RIGHT SUBCLAVIAN ARTERY	PAB

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Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
108	DS01008	AVAILABLE	Mar-01	Apr-01	AZ	10 mo	FEMALE	28	17	NO - ON LAP OF DRIVER	2001	CHEVROLET	1500	15.8	YES	DIFFUSE SUBARACHNOID HEMORRHAGE; SEVERE CEREBRAL EDEMA	DAB
109	IN99037	AVAILABLE	Mar-99	Mar-99	TX	2	FEMALE	38	32	NO	1994	PLYMOUTH	VOYAGER	12.7	YES	DECAPITATION	PAB FLAP
110	CA98058	AVAILABLE	Oct-98	Oct-98	NC	4	MALE	44	45	NO	1996	GEO	METRO	14	YES	LARGE ATLATO-OCCIPITAL FRACTURE DISLOCATION	PAB
111	DS98012	AVAILABLE	Mar-98	Mar-98	UT	4	FEMALE	UNK	45	NO	1995	FORD	ASPIRE	10.6	NO	CEREBRUM BRAIN SWELLING SEVERE	PAB; RIGHT WINDOW GLASS, FRAME AND SILL AREAS

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Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
	IN99078	AVAILABLE	Dec-98	Jul-99	TX	11 mo	FEMALE	30	27	MIS-USED - BELTS NOT USED PROPERLY; NOT PROPERLY SECURED IN FFCSS	1995	FORD	MUSTANG	12.2	YES	NONANATOMIC BRAIN INJURY WITH PERSISTANT COMA	PAB
	CA00018	AVAILABLE	Jun-00	Jun-00	FL	3	FEMALE	47	44	MIS-USED - USED LAP BELT ONLY	2000	KIA	SPORTAGE	15.8	YES	FRACTURE / DISLOCATION OF THE ODONTOID PROCESS WITH UNSPECIFIED CORD INJURY THAT RESULTED IN QUADRIPLÉGIA	PAB
112	CA98070	AVAILABLE	Dec-98	Dec-98	SC	3	MALE	37	45	NO - ON LAP OF PASSENGER	1995	PONTIAC	SUNFIRE	10.6	NO	FRACTURE SEPARATION AT C1/C2 OF THE CERVICAL VERTEBRA WITH TRAUMATIC DISRUPTION OF THE CERVICAL SPINAL CORD.	PAB
113	CA99050	AVAILABLE	Dec-99	Dec-99	MI	7	FEMALE	52	72	MIS-USED - USED LAP BELT ONLY	1998	CHEVROLET	TRACKER	14.3	YES	TRANSECTION OF THE UPPER SPINAL CORD WITH EXTENSIVE HEMORRHAGE INTO THE BILATERAL NECK SOFT TISSUE AND POSTERIOR MEDIASTINUM	PAB; PAB COVER FLAP

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Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
114	DS02005	AVAILABLE	Mar-02	Mar-02	CO	3	FEMALE	46	42	NO	1996	MAZDA	PROTÉGÉ	13	YES	COMPLETE ATLANTO-OCCIPITAL DISLOCATION WITH CORD TRANSECTION	PAB
115	DS02007	AVAILABLE	Apr-02	Apr-02	AZ	1	MALE	35	26	MISUSED-USED LAP BELT ONLY	1997	NISSAN	ALTIMA	14.9	NO	PARTIAL PONTOMEDULLARY JUNCTION TEAR	PAB
116	IN02004	AVAILABLE	Jul-02	Jul-02	IN	7	FEMALE	54	55	YES	1994	VOLKSWAGEN	JETTA	8.1	NO	NONANATOMIC BRAIN INJURY WITH LOSS CONSCIOUSNESS	PAB
117	IN01015	AVAILABLE	May-01	May-01	TX	2	FEMALE	36	40	NO	2001	FORD	F-150	8.2	YES	FRACTURE, HINGE TYPE, COMPLETE, BASILAR SKULL, LOCATION NFS	PAB FLAP

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CHILDREN NOT IN REAR FACING CHILD SAFETY SEATS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OF MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
118	IN01008	AVAILABLE	Apr-01	Apr-01	TX	2	FEMALE	36	32	NO	1995	DODGE	NEON	13.7	YES	NONANATOMIC BRAIN INJURY WITH LOSS OF CONSCIOUSNESS	PAB
119	IN00019	AVAILABLE	Dec-00	Dec-00	TX	5	MALE	40	60	NO	1996	FORD	CONTOUR	12.7	YES	NONANATOMIC BRAIN INJURY WITH LOSS OF CONSCIOUSNESS; CEREBRAL EDEMA	PAB; FRONT RIGHT WINDSHIELD GLAZING
120	CA01029	AVAILABLE	May-01	May-01	FL	3	MALE	40	33	NO	1997	MITSUBISHI	MONTERO	13	YES	COMPLETE FRACTURE BETWEEN C1 AND C2 WITH LACERATION OF THE SPINAL CORD	PAB; MODULE COVER FLAP
121	CA02020	AVAILABLE	May-02	May-02	MI	6	MALE	46	40	NO	1995	CHEVROLET	LUMINA	15.2	YES	BRAIN STEM CONTUSIONS	PAB; RIGHT A-PILLAR

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Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
122	CA03018	AVAILABLE	Feb-03	Feb-03	FL	4	FEMALE	44	36	NO	1997	CHEVROLET	VENTURE	9.3	YES	SEVERE COMMUNUTED FRACTURE OF C2 VERTEBRA WITH A DISLOCATION OF C2 ON C3 AND CRUSHING INJURY TO THE SPINAL CORD	PAB; MODULE COVER FLAP
	CA02058	AVAILABLE	Nov-02	Nov-02	NY	1	MALE	36	30	NO	1995	TOYOTA	CAMRY	10.6	YES	RIGHT LUNG CONTUSION	PAB; MODULE COVER FLAP
123	IN03019	UNDER REVIEW	Mar-01	Jul-03	AK	5	MALE	43	38	NO	1995	MERCURY	MYSTIQUE	9 TO 14	YES	TRANSECTION OF THE SPINAL CORD JUST BELOW FORAMEN MAGNUM WITH POSTERIOR DISPLACEMENT OF THE CORD AND ATLANTO-OCCIPITAL DISLOCATION	PAB; MODULE COVER FLAP
124	DS03016	UNDER REVIEW	Apr-03	Apr-03	CA	1	FEMALE	31	30	MIS-USED - BELTS NOT USED PROPERLY; NOT PROPERLY SECURED IN FFCSS	2001	KIA	SPECTRA	11.8	NO	C2-C3 SUBLUXATION WITH SPINAL CORD INJURY. HEMORRHAGE, ANTERIOR CERVICAL SPINE.	PAB

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Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
125	CA02055	UNDER REVIEW	Nov-02	Nov-02	OH	5	FEMALE	UNK	45	NO	1995	PLYMOUTH	VOYAGER	11.2	YES	CENTRAL TRANSTENTORIAL HERNIATION	PAB
126	DS03028	UNDER REVIEW	Jul-03	Jul-03	OH	5	MALE	44	47	NO	1992	FORD	TAURUS	18.0	UNK	BLUNT TRAUMATIC CERVICAL SPINE INJURY NFS	DAB
	CA03026	UNDER REVIEW	May-03	May-03	NY	6	FEMALE	UNK	44	MISUSED-USED LAP BELT ONLY	1996	DODGE	CARAVAN	10.3	YES	CEREBRAL DIFFUSE AXONAL INJURY IN FRONTAL TEMPORAL LOBE	PAB
127	CA02041	UNDER REVIEW	Sep-02	Sep-02	PA	3	FEMALE	UNK	33	NO - ON LAP OF FRONT PASSENGER	1996	CHEVROLET	CAVALIER	15.6	NO	CERVICAL SPINE CORD CONTUSION COMPLETE CORD SYNDROME C-3 OR ABOVE WITH DISLOCATION	PAB

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128	IN03030	UNDER REVIEW	Jun-01	Jul-03	NY	5	FEMALE	45	46	NO	1995	FORD	ESCORT	8.1	YES	NONANATOMIC BRAIN INJURY WITH LOSS OF CONSCIOUSNESS INVOLVING A FIVE-DAY PERIOD	PAB
129	IN03031	UNDER REVIEW	Dec-01	Jul-03	FL	3	FEMALE	38	22	NO	1993	LINCOLN	TOWN CAR	14.9	YES	CERVICAL SPINAL CORD CONTUSION; COMPLETE CORD SYNDROME C3 OR ABOVE WITH FRACTURE	PAB
130	IN02009	UNDER REVIEW	Oct-02	Oct-02	TX	3	FEMALE	39	28	NO	2000	HYUNDAI	ELANTRA	7.5	YES	COMPLETE TRANSECTION, UPPER SPINAL CORD WITH WIDE ATLANTO-OCCIPITAL DISLOCATION	PAB
131	DS02006	UNDER REVIEW	Mar-02	Apr-02	OK	3	MALE	36	36	NO	2000	SUZUKI	ESTEEM	9.3	YES	EXPOSED DEPRESSED SKULL FRACTURE (ROUND PUNCTURE WOUND) INTRA-CRANIAL CONTENTS NOTED	PAB; SAFETY BELT UPPER ANCHORAGE ADJUSTMENT KNOB

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132	IN03024	UNDER REVIEW	Oct-01	Jul-03	MO	3	FEMALE	UNK	35	NO	1996	CHRYSLER	CONCORDE	9.9	YES	BLUNT/TRAUMATIC CERVICAL SPINE INJURY, NOT FURTHER SPECIFIED	PAB
	IN02003	UNDER REVIEW	Jul-02	Jul-02	OH	3	FEMALE	42	35	NO	1993	DODGE	INTREPID	15.5	YES	CERVICAL SPINE CORD LACERATION; COMPLETE CORD SYNDROME WITH FRACTURE AND DISLOCATION	PAB
133	IN03028	UNDER REVIEW	Mar-01	Jul-03	TX	5	FEMALE	42	45	NO	1996	MERCURY	COUGAR	10.6	YES	SUBDURAL HEMATOMA	PAB
134	IN03021	UNDER REVIEW	Jun-01	Jul-03	GA	1	MALE	UNK	UNK	NO	1999	DODGE	NEON	9-14	NO	NONANATOMIC BRAIN INJURY	PAB; MODULE COVER FLAP

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135	DS04010	UNDER REVIEW	Jan-04	Jun-04	NM	7 MO	FEMALE	25	12	NO - ON LAP OF FRONT PASSENGER	1997	FORD	ESCORT	15.9	NO	CEREBRUM LACERATION	PAB; MODULE COVER FLAP
136	IN03026	UNDER REVIEW	Jun-01	Jul-03	TX	4	FEMALE	41	40	NO	1997	CHEVROLET	LUMINA	10.6	UNK	CONTUSION SPINAL CORD WITH COMPLETE ATLANTO-OCCIPITAL DISLOCATION	PAB
137	IN03027	UNDER REVIEW	Apr-01	Jul-03	TX	6	FEMALE	UNK	40	NO	1995	FORD	CONTOUR	9 TO 14	YES	NONANATOMIC BRAIN INJURY WITH LOSS OF CONSCIOUSNESS	PAB; WINDSHIELD ROOF HEADER
	IN02021	UNDER REVIEW	Dec-02	Jan-03	MN	6	MALE	46	55	NO	1995	VOLKSWAGEN	JETTA	10.6	YES	CERVICAL SPINAL CORD CONTUSION; COMPLETE CORD SYNDROME C-3 OR ABOVE WITH DISLOCATION	PAB

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REPORT NOTES

- ACTIVE – INVESTIGATION INITIATED AND CONTINUING; REPORT NOT YET RECEIVED AT NHTSA
- UNDER REVIEW – INVESTIGATION COMPLETE; REPORT UNDER REVIEW BY NHTSA STAFF; REPORT NOT AVAILABLE
- AVAILABLE – REPORT REVIEW COMPLETE; REPORT PLACED IN PUBLIC FILE AND AVAILABLE FROM OUR WEBSITE:
[HTTP://WWW-NRD.NHTSA.DOT.GOV/DEPARTMENTS/NRD-30/NRSA/SCL.HTML](http://www-nrd.nhtsa.dot.gov/departments/nrd-30/nrsa/scl.html)
- UNK - UNKNOWN
- PAB FLAP - PASSENGER'S AIR BAG COVER FLAP
- DAB - DRIVER'S AIR BAG
- N/A - NOT APPLICABLE
- PAB - PASSENGER'S AIR BAG
- FX – FRACTURE

NOTES

- 1 CASE 1997-41-049A WAS PREVIOUSLY LISTED AS LTC9712A.
- 2 A TWO YEAR OLD, 33 POUND FEMALE CHILD WAS KNEELING IN THE SEAT USING THE LAP PORTION OF THE LAP AND SHOULDER BELT. SEE CASEDS97018.

**NATIONAL CENTER FOR STATISTICS AND ANALYSIS
SPECIAL CRASH INVESTIGATIONS
ADULT DRIVERS FATALLY INJURED BY DAB
NORMALIZED BY VEHICLE REGISTRATIONS
Confirmed and Unconfirmed
April 1, 2005**

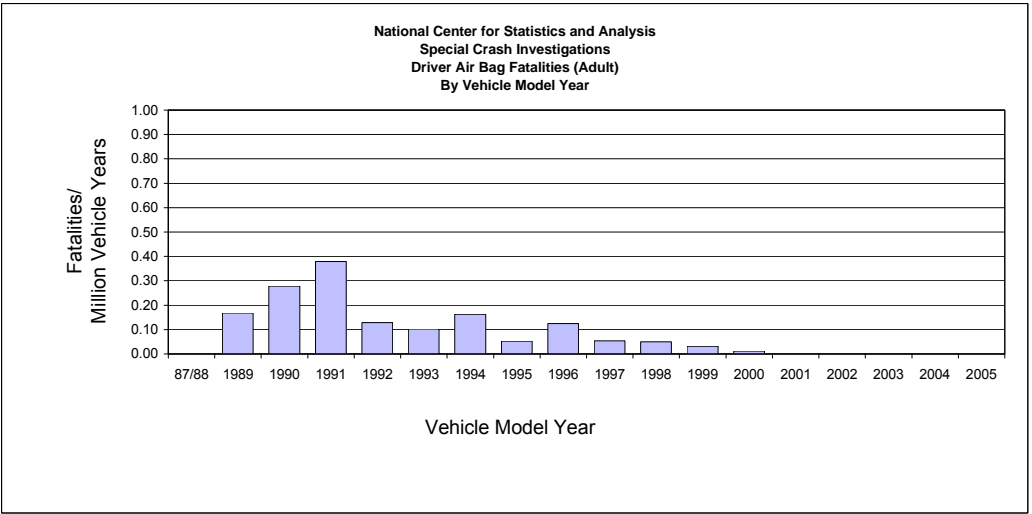
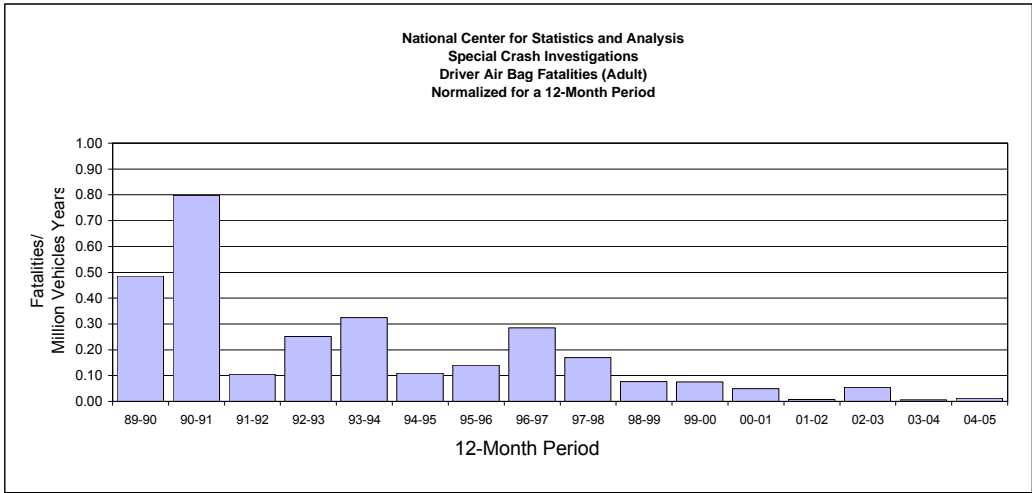
Vehicle Model Year (in millions of vehicles)

	1987-88	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Total
Registered Driver Air Bag Equipped Vehicles	0.326	0.502	2.476	3.470	5.616	7.348	10.420	14.225	13.222	14.596	14.657	16.125	17.136	16.402	16.871	16.871	16.871	16.871	204.006

Vehicle Model Year

Crash Date	87/88	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Total
Sep 87 to Aug 88																			0
Sep 88 to Aug 89																			0
Sep 89 to Aug 90			1																1
Sep 90 to Aug 91			1	3															4
Sep 91 to Aug 92			1																1
Sep 92 to Aug 93			1	2	1														4
Sep 93 to Aug 94			1	2	2		3												8
Sep 94 to Aug 95			3	1															4
Sep 95 to Aug 96		1			1	1	3	1											7
Sep 96 to Aug 97				1	1	2	6		5	3									18
Sep 97 to Aug 98				2	1	1	2	4	2		1								13
Sep 98 to Aug 99				2		1				1									7
Sep 99 to Aug 00			1	1	1	1	2	1	1		3								8
Sep 00 to Aug 01							1	1	2				2						6
Sep 01 to Aug 02											1								1
Sep 02 to Aug 03					1	1			2	2			1						8
Sep 03 to Aug 04						1													1
Sep 04 to Aug 05									2										2
Total	0	1	8	15	8	8	17	7	14	6	5	3	1	0	0	0	0	0	93
Fatalities/Million Vehicle Years	0.000	0.168	0.278	0.379	0.128	0.103	0.163	0.053	0.124	0.053	0.050	0.031	0.012	0.000	0.000	0.000	0.000	0.000	

*Confirmed cases are those where the air bag has been confirmed to be the injury mechanism. Unconfirmed cases are crashes under active investigation where the air bag is suspected of being the injury mechanism.



Note: The bar charts above are shown using a different scale than the other two sets of bar charts

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Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
1	CA91009	AVAILABLE	Jun-91	Jun-91	IL	79	FEMALE	62	120	YES	1991	FORD	TAURUS	8	YES	MULTIPLE BILATERAL RIB FXS; 2 STERNUM FXS; ATRIUM/PERICARDIUM/SPLEEN LACERATION	DAB; STEERING WHEEL
2	CA91012	AVAILABLE	Aug-91	Sep-91	PA	36	FEMALE	64	112	YES	1990	DODGE	SHADOW	14	NO	MULTIPLE BILATERAL RIB FXS; ABDOMINAL AORTA RUPTURE; RUPTURED SPLEEN	DAB; STEERING WHEEL
3	NC92008	AVAILABLE	Aug-90	Aug-90	TX	64	FEMALE	56	95	UNK	1990	FORD	TAURUS	12	UNK	MULTIPLE RIB FXS; RIGHT & LEFT HEMOTHORACES; BILATERAL PULMONARY CONTUSIONS	DAB; STEERING WHEEL
4	CA93008	AVAILABLE	Dec-92	May-93	SC	37	FEMALE	62	130	NO	1991	CHEVROLET	CORSICA	16	YES	BASILAR SKULL FX; BRAINSTEM LACERATION	DAB

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5	CA93009	AVAILABLE	Aug-93	Aug-93	CO	71	FEMALE	62	129	NO	1990	FORD	TAURUS	10	YES	C-SPINE FX; BRAIN STEM LACERATION; SUBDURAL HEMATOMA; SUBARACHNOID HEMORRHAGE; BILATERAL RIB FXS; LACERATION TO AORTA, HEART & LIVER	DAB
6	CA94005	AVAILABLE	Apr-93	Feb-94	NY	76	FEMALE	62	115	NO	1992	CHEVROLET	CORSICA	13	UNK	MULTIPLE RIB FXS; RIGHT HUMERUS FX; ATLANTO-OCCIPITAL DISLOCATION; SKULL FX	DAB
7	DS94022	AVAILABLE	Feb-94	Dec-94	CA	74	FEMALE	59	128	YES	1992	CHEVROLET	CORSICA	7	YES	MASSIVE INTRATHORACIC HEMORRHAGE	DAB
8	IN95005	AVAILABLE	Sep-94	Feb-95	IL	51	FEMALE	64	148	NO	1990	CADILLAC	ELDORADO	13	NO	MULTIPLE RIB FXS; STERNUM FX; BRAIN STEM/AORTA/LIVER LACERATIONS; C1/C2 FX/DISLOCATION; SUBARACHNOID HEMORRHAGE	DAB

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9	IN95006	AVAILABLE	Feb-95	Feb-95	IN	38	FEMALE	62	110	NO	1990	LINCOLN	CONTINENTAL	11	NO	BASILAR SKULL FX; MEDULLA TRANSECTION; LEFT RIB FXS; LUNG CONTUSIONS; HEART VALVE LACERATION	DAB
10	DS95023	AVAILABLE	Nov-95	Dec-95	WA	17	FEMALE	59	126	NO	1989	DODGE	DAYTONA	9	NO	MASSIVE BASILAR SKULL FX; LACERATION CAVERNOUS SINUSES	DAB
11	IN95019	AVAILABLE	Nov-94	Nov-95	SC	36	FEMALE	65	126	NO	1990	FORD	TAURUS	10-15	TBD	RIGHT VENTRICULAR HEART LACERATIONS; LUNG CONTUSIONS	DAB
12	IN96009	AVAILABLE	May-94	Apr-96	IL	46	FEMALE	63	140	NO	1994	TOYOTA	CAMRY	<10	UNK	NONANATOMIC BRAIN INJURY WITH LOSS OF CONSCIOUSNESS	DAB

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13	CA91010	AVAILABLE	Jun-91	Jun-91	CO	46	MALE	72	230	YES	1991	PONTIAC	FIREBIRD	19	NO	MULTIPLE BILATERAL RIB FXS; SEVERE MYOCARDIAL CONTUSION	DAB; STEERING WHEEL
14	NC93007	AVAILABLE	Nov-92	Nov-92	PA	78	MALE	70	230	NO	1991	CHEVROLET	CORSICA	8-10	TBD	MULTIPLE BILATERAL RIB FXS; SEVERE MYOCARDIAL CONTUSION	DAB; STEERING WHEEL
15	CA95002	AVAILABLE	Aug-94	Jan-95	MS	56	MALE	71	208	NO	1994	FORD	F150	12	YES	MULTIPLE BILATERAL RIB FXS; STERNUM FX; MULTIPLE INTERNAL INJURIES	DAB
16	LTC95026	AVAILABLE	Oct-93	Mar-95	FL	45	FEMALE	64	112	YES	1991	MAZDA	MIATA	10	YES	C2 FX; LEFT OCCIPITAL CONDYLE FX; CEREBRAL AND SUBARACHNOID HEMORRHAGE; PONS CONTUSION	DAB

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Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
17	LTC95030	AVAILABLE	Sep-95	Sep-95	FL	41	FEMALE	58	199	YES	1994	TOYOTA	TERCEL	15	NO	MEDULLA AND SUBARACHNOID HEMORRHAGE; SUBDURAL HEMATOMA; LEFT SIDE PNEUMOTHORAX	DAB
18	UMTRI/FMA-077	AVAILABLE	Feb-95	Sep-95	OH	22	FEMALE	61	UNK	NO	1991	FORD	TAURUS	10	YES	PONS AND BRAIN STEM HEMORRHAGE; BASILAR SKULL FX; SUBARACHNOID HEMORRHAGE	DAB
19	NS96002	AVAILABLE	Mar-96	Apr-96	FL	79	MALE	69	180	YES	1995	FORD	ESCORT	13	NO	MULTIPLE BILATERAL RIB FXS; LUNG CONTUSIONS; STERNUM FX; MYOCARDIUM AND PERICARDIUM LACERATION	DAB
	CA96017	AVAILABLE	Jun-96	Oct-96	MD	28	FEMALE	63	108	YES	1990	MAZDA	MIATA	LOW	NO	ODONTOID BONE FX AND DISLOCATION	DAB

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See Note 3	CA95009	AVAILABLE	Oct-94	Apr-95	GA	29	FEMALE	62	165	NO	1992	FORD	TAURUS	8	YES	ABRUPTED PLACENTA WITH FATAL FETUS	DAB
20	CA96019	AVAILABLE	Oct-96	Oct-96	MD	26	FEMALE	64	153	NO	1996	FORD	WINDSTAR	18.9	YES	LACERATION OF THE RIGHT ATRIAL ENDOCARDIUM AND THE ADJACENT INTER-ATRIAL SEPTUM	DAB
21	IN96028	AVAILABLE	Sep-96	Nov-96	WV	71	MALE	72	176	MIS-USED - USED SHOULDER BELT ONLY	1994	NISSAN	MAXIMA	14	NO	TRANSECTED AORTIC ARCH	DAB
22	CA97013	AVAILABLE	Mar-97	Mar-97	ME	51	MALE	68	200	NO	1994	FORD	PROBE	8-10	YES	RIGHT RIB FXS; BLUNT TRAUMA TO CHEST; SUBARACHNOID HEMORRHAGE	DAB

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23	IN97012	AVAILABLE	Jun-96	Apr-97	OK	39	FEMALE	60	250	NO	1994	FORD	ASPIRE	13	YES	HEMOPNEUMOTHORAX LACERATION OF THE THORACIC AORTA	DAB
24	IN97003	AVAILABLE	May-92	Feb-97	KS	74	FEMALE	61	117	YES	1991	MERCURY	GRAND MARQUIS	8	NO	MULTIPLE BILATERAL RIB FXS; LACERATED AORTA; C2 FX	DAB
25	DS97012	AVAILABLE	Nov-96	Jun-97	CA	58	FEMALE	63	150	YES	1996	INFINITI	I30	11	NO	MULTIPLE BILATERAL RIB FXS; LACERATED AORTA; BILATERAL LUNG CONTUSIONS; STERNUM FX	DAB
26	CA97023	AVAILABLE	Feb-97	Jun-97	NJ	37	FEMALE	64	145	YES	1996	FORD	EXPLORER	15	YES	BLUNT TRAUMA TO NECK WITH ASPHYXIA	DAB

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27	CA97024	AVAILABLE	Jun-97	Jun-97	DE	53	FEMALE	64	167	YES	1997	MITSUBISHI	GALANT	11.2	NO	THIN SUBDURAL HEMORRHAGE OVER THE LEFT CEREBRAL HEMISPHERE AND MODERATELY ON THE RIGHT CEREBRAL HEMISPHERE	DAB
28	CA97022	AVAILABLE	Jun-91	Jun-97	FL	36	FEMALE	66	160	NO	1991	CHEVROLET	CAPRICE	17	YES	MULTIPLE BILATERAL RIB FXS; LACERATED AORTA; MULTIPLE INTERNAL INJURIES	DAB; STEERING WHEEL
29	IN97019	AVAILABLE	Jan-97	Jun-97	FL	56	FEMALE	64	142	NO	1994	BUICK	CENTURY	12	NO	LACERATED AORTA; MULTIPLE BILATERAL RIB FXS; STERNUM FX	DAB FLAP; DAB; STEERING WHEEL RIM
30	CA97021	AVAILABLE	Nov-96	May-97	FL	78	FEMALE	62	142	NO	1994	OLDSMOBILE	CUTLASS	15	YES	RIGHT RIB FXS; LACERATIONS TO TRICUSPID VALVE LEAFLET AND INTRAVENTRICULAR SEPTUM; AORTIC DISSECTION	DAB

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31	UMTRI/FMA-059	AVAILABLE	Nov-93	Dec-93	MI	40	MALE	68	201	NO	1990	FORD	TAURUS	19	NO	BLUNT FORCE TRAUMA TO THE CHEST RESULTING IN SUDDEN HEART STOPPAGE STERNUM FX; BILATERAL LUNG LACERATIONS; LIVER LACERATIONS	DAB
32	DS97015	AVAILABLE	Aug-94	Jun-97	WA	58	MALE	64	115	MIS-USED - USED SHOULDER BELT ONLY	1994	NISSAN	SENTRA	14.4	UNK	RIB FRACTURES	DAB
33	IN97007	AVAILABLE	Jan-94	Feb-97	MI	80	MALE	72	133	NO	1991	FORD	CROWN VICTORIA	8-10	YES	LACERATED ASCENDING AORTA WITH HEMOPERICARDIUM	DAB
34	UM97036	ACTIVE	Apr-97	Jul-97	MI	60	FEMALE	63	187	YES	1994	LINCOLN	MARK VIII	21	NO	C1/C2 DISLOCATION WITH SPINAL CORD COMPRESSION	DAB

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35	DS97019	AVAILABLE	Jul-97	Sep-97	WA	77	FEMALE	63	151	YES	1993	CHEVROLET	CORSICA	13	NO	BILATERAL SUBDURAL HEMATOMA; SUBDURAL SUBARACHNOID, AND SMALL INTRA-VENTRICULAR HEMORRHAGES	DAB
	CA97029	AVAILABLE	May-97	Sep-97	NC	80	MALE	73	185	NO	1991	FORD	TAURUS	11	YES	C4/C5 FX/DISLOCATION RESULTING IN QUADRIPLÉGIA; RIGHT TEMPORAL HEMORRHAGE	DAB
36	IN97044	AVAILABLE	May-97	Nov-97	TX	63	MALE	66	156	NO	1996	FORD	CONTOUR	4.5	UNK	NONANATOMIC BRAIN INJURIES WITH LOSS OF CONSCIOUSNESS AND CARDIOPULMONARY ARREST; SUBARACHNOID HEMORRHAGE DIFFUSE OVER ENTIRE BRAIN	PAB
37	1997-45-042	AVAILABLE	Apr-97	Nov-97	TN	78	FEMALE	64	120	NO	1992	BUICK	LESABRE	21	YES	BLUNT FORCE TRAUMA TO THE CHEST RESULTING IN SUDDEN HEART STOPPAGE	DAB FLAP; DAB

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38	1998-04-004B	AVAILABLE	Jan-98	Feb-98	NJ	71	FEMALE	62	140	NO	1993	BUICK	CENTURY	9	YES	MULTIPLE BILATERAL RIB FXS WITH HEMOTHORACES; STERNUM FX; AORTIC AND PERICARDIAL LACERATION	DAB
39	1997-04-146A	AVAILABLE	Oct-97	Nov-98	NJ	84	FEMALE	UNK	UNK	MIS-USED - USED LAP BELT ONLY	1996	GEO	METRO	19	NO	MULTIPLE RIGHT RIB FXS WITH PNEUMOTHORAX	DAB
40	IN97038	AVAILABLE	Nov-97	Nov-97	MN	17	FEMALE	47	80	NO	1992	TOYOTA	CELICA	13	NO	DIFFUSE SUBDURAL & SUBARACHNOID HEMORRHAGES; MINIMAL ATLANTO-OCCIPITAL SEPARATION	DAB
41	IN97022	AVAILABLE	Jun-97	Jul-97	MS	79	FEMALE	62	155	NO	1993	FORD	TAURUS	16	NO	MULTIPLE RIB FXS; LUNG LACERATIONS WITH HEMOPNEUMOTHORACES; STERNUM FX; LACERATED LIVER AND SPLEEN	DAB FLAP; DAB

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42	CA98030	AVAILABLE	May-98	May-98	DE	38	FEMALE	63	196	NO	1995	MINITUBISHI	MIRAGE	13	NO	RIGHT VENTRICLE PERFORATION; PULMONARY LACERATION WITH HEMOTHORAX; CLOSED HEAD INJURY	DAB
43	CA98044	AVAILABLE	Jul-98	Aug-98	VA	45	MALE	71	200	NO	1991	DODGE	SPIRIT	18	YES	ATLANTO-OCCIPITAL DISLOCATION WITH COMPLETE TRANSECTION OF THE SPINAL CORD; PONTINE CONTUSIONS; SUB-ARACHNOID HEMORRHAGE INVOLVING CEREBELLUM AND BRAIN STEM	DAB
44	IN98021	AVAILABLE	Aug-97	Oct-98	TX	18	FEMALE	62	123	YES	1991	FORD	TAURUS	11.7	YES	DIFFUSE AXONAL INJURY; NONANATOMIC BRAIN INJURY; BRAIN CONTUSION	DAB
45	CA98050	AVAILABLE	Jun-98	Sep-98	CT	62	FEMALE	61	125	UNK	1995	FORD	ESCORT	14	NO	MULTIPLE ANTERIOR RIB FXS WITH HEMOTHORACES; STERNUM FX	DAB

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46	CA98051	AVAILABLE	Feb-96	Sep-98	VA	86	MALE	65	142	NO	1992	LINCOLN	CONTINENTAL	14-18	NO	MULTIPLE BILATERAL RIB FXS WITH BILATERAL HEMOTHORAX; SUPERIOR VENA CAVA RUPTURE; LIVER LACERATIONS	DAB FLAP; DAB
47	CA98032	AVAILABLE	Jul-97	May-98	PA	88	MALE	67	180	NO	1997	LINCOLN	CONTINENTAL	7-9	YES	MULTIPLE BILATERAL RIB FXS WITH BILATERAL HEMOTHORAX; STERNUM FX; RIGHT VENTRICLE LACERATION	DAB FLAP
	CA98055	AVAILABLE	Oct-98	Oct-98	PA	19	FEMALE	62	138	NO	1998	MITSUBISHI	MIRAGE	10	YES	ABRUPTED PLACENTA WITH FATAL FETUS	DAB FLAP; DAB
48	DS98026	AVAILABLE	Jun-98	Sep-98	OR	74	FEMALE	65	220	NO	1995	PLYMOUTH	VOYAGER	11	YES	CRUSHING CHEST INJURY WITH MULTIPLE RIB FRACTURES	DAB

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49	CA98048	AVAILABLE	Aug-98	Sep-98	NC	61	FEMALE	60	140	YES	1996	OLDSMOBILE	98	14 TO 18	NO	BRAINSTEM CONTUSION AND AN ATLANTO-OCCIPITAL DISLOCATION, RIB FRACTURE; SUBARACHNOID HEMORRHAGE CEREBELLUM	DAB
50	1997-72-103A	AVAILABLE	Aug-97	Aug-97	IL	62	FEMALE	64	146	NO	1996	FORD	TAURUS	19	UNK	FRACTURED RIBS	DAB
51	CA98063	AVAILABLE	Oct-98	Nov-98	NJ	52	FEMALE	62	115	YES	1993	TOYOTA	COROLLA	11	NO	FRACTURE C2/C3 WITH COMPLETE CORD TRANSECTION	DAB
52	IN98013	AVAILABLE	Jan-98	Jan-98	IL	26	FEMALE	64	130	NO	1995	JEEP	GRAND CHEROKEE	6	NO	ATLANTO-OCCIPITAL DISLOCATION WITH CONTUSION TO THE SPINAL CORD	DAB

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53	IN98032	AVAILABLE	Dec-98	Dec-98	IL	39	FEMALE	66	130	NO	1998	DODGE	CARAVAN	23	NO	MULTIPLE BILATERAL RIB FRACTURES LACERATED LEFT PULMONARY VEIN	DAB
54	DS98021	AVAILABLE	Oct-97	Jul-98	CO	80	MALE	66	140	NO	1991	DODGE	DYNASTY	11	NO	SKULL FRACTURE WITH SUBDURAL HEMORRHAGE; BILATERAL SUBARACHNOID HEMORRHAGE	DAB
	CA98054	AVAILABLE	Mar-94	Sep-98	VA	58	FEMALE	64	UNK	NO	1990	CHRYSLER	LEBARON	17	NO	C1/C2 FX; SPINAL CORD DAMAGE RESULTING IN QUADRIPLÉGIA	DAB
55	CA99012	AVAILABLE	Dec-98	May-99	PA	80	FEMALE	67	175	NO	1998	BUICK	REGAL	18.6	UNK	HEART LACERATION	DAB

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56	DS99048	AVAILABLE	Dec-95	Oct-99	OR	37	FEMALE	66	175	YES	1993	JEEP	GRAND CHEROKEE	16	NO	DEVASTATING INFRA- AND SUPRADIAPHRAGMATIC CAVAL INJURIES	DAB
57	CA99049	AVAILABLE	Nov-99	Nov-99	NC	79	FEMALE	59	117	NO	1991	FORD	TAURUS	13	YES	MULTIPLE BILATERAL RIB FRACTURES WITH PULMONARY CONTUSION	DAB FLAP; DAB
58	IN99076	AVAILABLE	Jun-99	Jul-99	IL	19	FEMALE	60	115	NO	1991	CHEVROLET	CORSICA	7.5	NO	CONTUSION CERVICAL SPINAL CORD AT C2 WITH FRACTURE AT C2 AND DISLOCATION BELOW C2	DAB FLAP
59	CA00006	AVAILABLE	Feb-00	Feb-00	FL	45	FEMALE	62	170	YES	1994	PONTIAC	BONNEVILLE	18	NO	TRANSVERSE BASILAR SKULL FRACTURE, SUB-DURAL HEMORRHAGE, FX SINUSES	DAB

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60	CA00012	AVAILABLE	Jan-00	May-00	MA	24	FEMALE	62	110	NO	1994	GEO	PRIZM	11	YES	HINGE FRACTURE AT BASE OF SKULL	DAB
61	CA00015	AVAILABLE	Mar-00	May-00	NC	57	FEMALE	64	116	NO	1992	BUICK	ROADMASTER	18	NO	BASILAR SKULL FX	DAB
62	IN00002	AVAILABLE	Feb-00	Apr-00	WV	16	FEMALE	63	102	NO	1990	PLYMOUTH	SUNDANCE	7.3	NO	TRAUMATIC CERVICAL SPINE INJURY, NOT FURTHER SPECIFIED	DAB
63	DS98013	AVAILABLE	Jun-97	Apr-98	TX	52	FEMALE	61	111	NO	1994	TOYOTA	COROLLA	13.4	NO	TWO IRREGULAR LACERATIONS TO ATRIAL SEPTUM	DAB

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64	CA98071	AVAILABLE	Apr-98	Dec-98	FL	79	FEMALE	62	144	YES	1994	TOYOTA	CAMRY	15-20	UNK	BILATERAL RIB FRACTURES 2-8, ORIGINATING Laterally and Extending Anteriorly with Bilateral Hemothoraces and Complete Collapse of the Left Lung and Partial of the Right	DAB
65	IN01001	AVAILABLE	Nov-98	Jan-01	TX	84	FEMALE	56	108	NO	1991	FORD	CROWN VICTORIA	9 -13	NO	LACERATIONS MYOCARDIUM, (2.0 IN), GAPING, POSTERIOR RIGHT VENTRICLE WITH HEMOMEDIASTINUM	DAB; MODULE COVER FLAP
66	CA97035	AVAILABLE	Oct-97	Oct-97	NH	61	FEMALE	64	177	NO	1994	CHEVROLET	CORSICA	14.1	UNK	COMPLETE HINGE-TYPE FRACTURE OF THE BASE OF SKULL	DAB
	IN97051	AVAILABLE	Dec-97	Dec-97	KY	61	FEMALE	68	155	NO	1996	BUICK	CENTURY	22	NO	C2 TEARDROP FRACTURE RESULTING FROM HYPEREXTENSION	DAB

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67	DS01001	AVAILABLE	Dec-00	Jan-01	ID	34	FEMALE	64	UNK	NO	1995	PLYMOUTH	GRAND VOYAGER	23	NO	BROKEN NECK	DAB
68	CA01027	AVAILABLE	Jun-94	May-01	VA	36	FEMALE	66	119	NO	1992	MAZDA	MIATA	6 TO 16	UNK	MULTIPLE BRAIN STEM HEMORRHAGES	DAB
69	CA98064	AVAILABLE	Aug-97	Nov-98	PA	53	FEMALE	66	160	NO	1997	TOYOTA	CAMRY	15 TO 20 (LONG.)	NO	PARTIAL VENTRAL DISTRACTION OF THE PONS FROM THE BRAIN STEM WITH WIDESPREAD FOCAL SUBARACHNOID HEMORRHAGE OF ALL ASPECTS OF CEREBRAL HEMISPHERES	DAB; FLAP
70	CA99064	AVAILABLE	Jul-98	Sep-99	NY	70	MALE	UNK	UNK	NO	1998	MERCURY	MOUNTAINEER	MODERATE	NO	CARDIAC TAMPONADE	DAB

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71	CA01038	AVAILABLE	Jun-01	Jul-01	PA	78	MALE	67	180	NO	1996	GEO	METRO	23.6	YES	PUNCTURED RIGHT VENTRICLE	DAB
72	CA00022	AVAILABLE	Jun-00	Jun-00	NY	86	FEMALE	58	100	MIS-USED - USED LAP BELT ONLY	1993	CHEVROLET	CORSICA	11	NO	BILATERAL SUBDURAL HYGROMAS WITH ACUTE SUBDURAL HEMORRHAGE ANTERIOR TO THE FRONTAL LOBE	DAB
73	CA99048	AVAILABLE	Jul-99	Nov-99	KY	44	FEMALE	65	140	YES	1997	MERCURY	SABLE	10.2	NO	MASSIVE EDEMA WITH OBLITERATED BASAL CISTERNS	DAB
74	CA02016	AVAILABLE	Jun-01	Apr-02	PA	41	MALE	67	170	NO	1996	FORD	F-150	11.6	YES	CRUSH TRAUMA OF THE PONS AND TRANSECTION OF THE PONS FROM THE CEREBRUM AND MULTIPLE TRAUMATIC INJURIES TO THE BRAINSTEM	DAB

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75	CA02008	UNDER REVIEW	Nov-98	Feb-02	IL	48	FEMALE	65	143	YES	1998	FORD	RANGER	18.1	UNK	PONTOMEDULLARY AVULSION	DAB
76	CA00060	AVAILABLE	Dec-00	Dec-00	NY	40	MALE	69	212	NO	1994	FORD	F150	10.7	UNK	BILATERAL UNCAL GROOVING AND TONSILLAR CONING	DAB
77	CA03016	UNDER REVIEW	Feb-03	Feb-03	OH	78	MALE	65	145	YES	1996	MERCURY	SABLE	6.5	UNK	SUBDURAL HEMATOMA; INTRACRANIAL HEMORRHAGE	DAB
78	DS03018	AVAILABLE	May-03	May-03	CO	16	FEMALE	62	105	NO	1992	FORD	TAURUS	7.5	YES	BASILAR SKULL FRACTURE	DAB

See end of document for definitions of terms, abbreviations and notes

April 1, 2005

CASES FROM THE NATIONAL CENTER FOR STATISTICS AND ANALYSIS SPECIAL CRASH INVESTIGATIONS PROGRAM

DRIVERS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OR MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
79	CA02026	AVAILABLE	Dec-95	Jun-02	MA	60	FEMALE	66	175	NO	1994	GEO	PRIZM	6 TO 16	UNK	2.5 CM VERTICALLY ORIENTED LACERATION TO THE ANTERIOR BASE OF THE RIGHT VENTRICLE WITH EXTENSIVE PERICARDIAL HEMORRHAGE	DAB
80	IN02016	AVAILABLE	Nov-02	Nov-02	TX	82	FEMALE	61	148	YES	1993	FORD	CROWN VICTORIA	9.9	NO	RIB CAGE FRACTURE >3 RIBS ON EACH OF TWO SIDES, WITH BILATERAL HEMOTHORACES	DAB
81	CA03066	UNDER REVIEW	Mar-00	Nov-03	FL	27	FEMALE	69	150	UNK	1996	FORD	TAURUS	8.3	UNK	BILATERAL RIB FRACTURES WITH BILATERAL HEMOTHORAX	DAB
82	2003-49-115	UNDER REVIEW	May-03	Sep-03	TX	44	FEMALE	63	190	YES	1999	CHEVROLET	SILVERADO	23.0	UNK	BRAIN STEM TEAR/LACERATION WITH ASSOCIATED SUBARACHNOID HEMORRHAGE	DAB

See end of document for definitions of terms, abbreviations and notes

April 1, 2005

CASES FROM THE NATIONAL CENTER FOR STATISTICS AND ANALYSIS SPECIAL CRASH INVESTIGATIONS PROGRAM

DRIVERS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OR MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
83	CA03047	UNDER REVIEW	Aug-03	Aug-03	NJ	79	FEMALE	54	134	NO	2000	CHEVROLET	PRIZM	23.6	UNK	SYMMETRICAL BILATERAL RIB FRACTURES 1-9 WITH FLAIL CHEST AND 1000CC OF BLOOD IN THE RIGHT CHEST	DAB
84	2003-82-086B	UNDER REVIEW	Jul-03	Mar-04	WA	59	MALE	65	156	YES	1997	TOYOTA	CAMRY	21.1	UNK	RIB FRACTURES, LEFT 4TH THROUGH 6TH ANTERIOR, RIGHT 4TH THROUGH 7TH ANTERIOR	DAB

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CASES FROM THE NATIONAL CENTER FOR STATISTICS AND ANALYSIS SPECIAL CRASH INVESTIGATIONS PROGRAM

DRIVERS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OR MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
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REPORT NOTES

- ACTIVE – INVESTIGATION INITIATED AND CONTINUING; REPORT NOT YET RECEIVED AT NHTSA
- UNDER REVIEW – INVESTIGATION COMPLETE; REPORT UNDER REVIEW BY NHTSA STAFF; REPORT NOT AVAILABLE
- AVAILABLE – REPORT REVIEW COMPLETE; REPORT PLACED IN PUBLIC FILE AND AVAILABLE FROM OUR WEBSITE:
[HTTP://WWW-NRD.NHTSA.DOT.GOV/DEPARTMENTS/NRD-30/NCSA/SCI.HTML](http://www-nrd.nhtsa.dot.gov/departments/nrd-30/nrsa/sci.html)
- UNK - UNKNOWN
- PAB FLAP - PASSENGER'S AIR BAG COVER FLAP
- DAB - DRIVER'S AIR BAG
- N/A - NOT APPLICABLE
- PAB - PASSENGER'S AIR BAG
- FX – FRACTURE

NOTES

- 3 AN UNBELTED PREGNANT FEMALE SUSTAINED AN ABRUPTION OF THE PLACENTA FROM THE UTERINE WALL AND THE FETUS SUBSEQUENTLY EXPIRED. SEE CASE CA9509.
- 4 DRIVER EXPIRED APPROXIMATELY SIX WEEKS POST CRASH OF PNEUMONIA. THE NHTSA DEFINITION FOR THE TIME TO DEATH IN A FATAL CRASH IS "EXPIRED WITHIN 30 DAYS OR LESS AFTER THE CRASH." SEE CASE CA9729.

**NATIONAL CENTER FOR STATISTICS AND ANALYSIS
SPECIAL CRASH INVESTIGATIONS
ADULT PASSENGERS FATALLY INJURED BY PAB
NORMALIZED BY VEHICLE REGISTRATIONS
Confirmed and Unconfirmed
April 1, 2005**

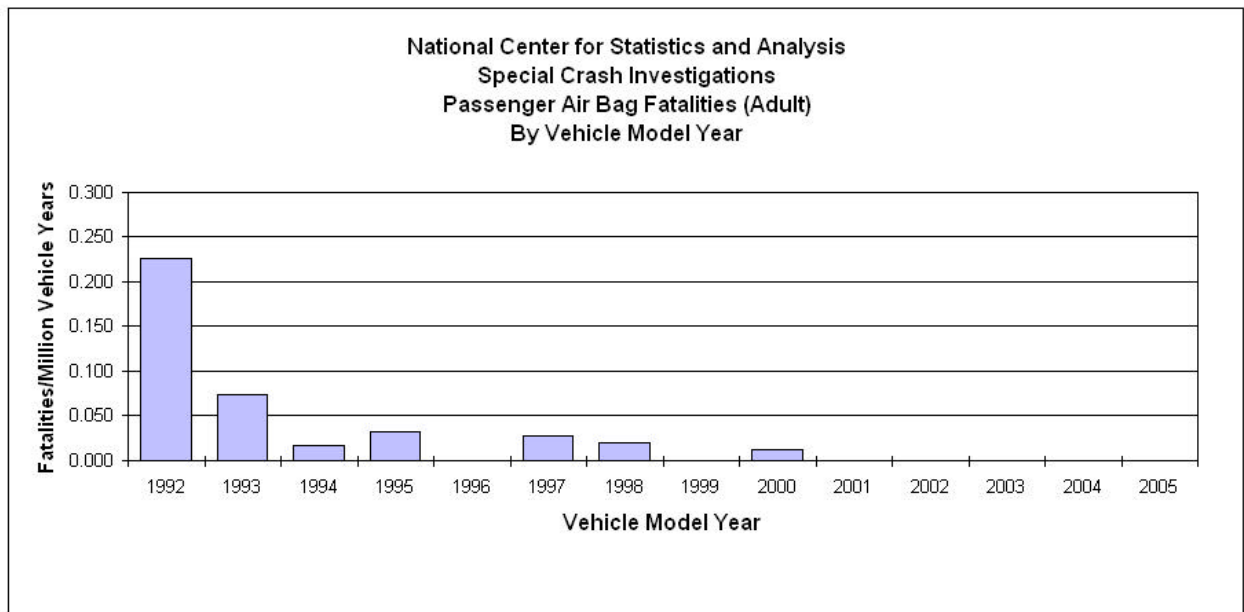
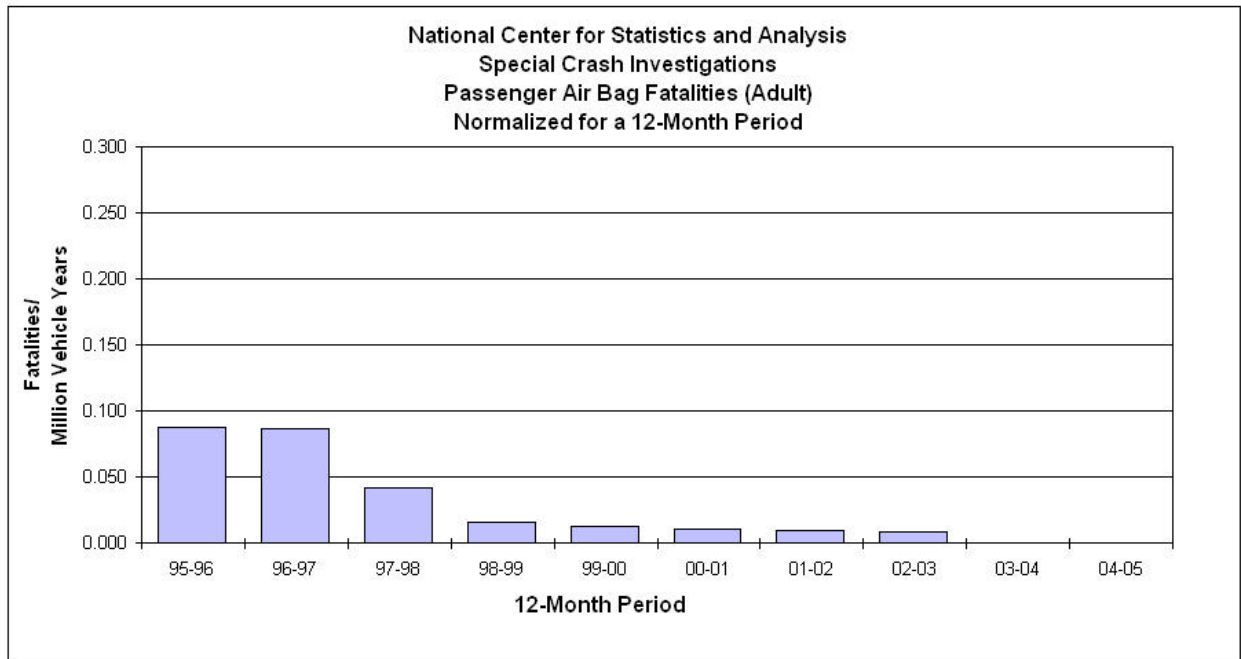
Vehicle Model Year (in millions of vehicles)

	1987-88	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Total
Registered Passenger Air Bag Equipped Vehicles	0.000	0.061	0.144	0.037	0.405	1.311	5.918	9.987	10.240	13.690	14.491	16.070	17.065	16.402	16.861	16.871	16.871	16.871	173.297

Vehicle Model Year

Crash Date	1987-88	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Total
Sep 87 to Aug 88																			0
Sep 88 to Aug 89																			0
Sep 89 to Aug 90																			0
Sep 90 to Aug 91																			0
Sep 91 to Aug 92																			0
Sep 92 to Aug 93																			0
Sep 93 to Aug 94																			0
Sep 94 to Aug 95																			0
Sep 95 to Aug 96							1	1											2
Sep 96 to Aug 97								2		1									3
Sep 97 to Aug 98					1						1								2
Sep 98 to Aug 99										1									1
Sep 99 to Aug 00							1												1
Sep 00 to Aug 01										1									1
Sep 01 to Aug 02													1						1
Sep 02 to Aug 03											1								1
Sep 03 to Aug 04																			0
Sep 04 to Aug 05																			0
Total	0	0	0	0	1	1	1	3	0	3	2	0	1	0	0	0	0	0	12
Fatalities/Million Vehicle Years	0.000	0.000	0.000	0.000	0.226	0.073	0.017	0.033	0.000	0.028	0.020	0.000	0.012	0.000	0.000	0.000	0.000	0.000	

*Confirmed cases are those where the air bag has been confirmed to be the injury mechanism. Unconfirmed cases are crashes under active investigation where the air bag is suspected of being the injury mechanism.



Note: The bar charts above are shown using a different scale than the other two sets of bar charts

April 1, 2005

CASES FROM THE NATIONAL CENTER FOR STATISTICS AND ANALYSIS SPECIAL CRASH INVESTIGATIONS PROGRAM

ADULT PASSENGERS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OR MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
1	IN96008	AVAILABLE	Mar-96	Mar-96	PA	98	FEMALE	63	126	YES	1994	DODGE	CARAVAN	12-16	YES	BRAIN UPPER EXT	PAB
2	CA97003	AVAILABLE	Jan-97	Jan-97	VA	57	MALE	69	190	NO	1995	MITSUBISHI	EXPO	15	YES	FRACTURE WITH SUBLUXATION OF THE CERVICAL SPINE	PAB
3	CA97007	AVAILABLE	Feb-97	Feb-97	PA	66	FEMALE	62	140	NO	1995	CHRYSLER	NEW YORKER	10	YES	CERVICAL SPINE FX AND COMPLETE TRANSECTION OF C-SPINE CORD	PAB
	CA97043	AVAILABLE	Jul-97	Oct-97	PA	55	FEMALE	61	130	YES	1995	GEO	METRO	11	YES	C6/C7 FRACTURE / DISLOCATION WITH COMPLETE CORD INJURY RESULTING IN QUADRIPLEGIA	PAB
4	CA98002	AVAILABLE	Sep-97	Jan-98	PA	88	FEMALE	58	140	NO	1992	LINCOLN	CONTINENTAL	17	NO	TRANSECTION OF THE TRACHEA, TRANSECTION OF THE BRAINSTEM AND SPINAL CORD C1	PAB

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April 1, 2005

CASES FROM THE NATIONAL CENTER FOR STATISTICS AND ANALYSIS SPECIAL CRASH INVESTIGATIONS PROGRAM

ADULT PASSENGERS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OR MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
	DS97026	AVAILABLE	Oct-97	Dec-97	CO	74	FEMALE	60	110	YES	1995	FORD	WINDSTAR	11-18	YES	EPIDURAL HEMATOMA CLOSED HEAD INJURY; CEREBRAL CONTUSIONS	PAB
5	IN97045	AVAILABLE	Apr-96	Nov-97	TX	64	FEMALE	64	135	YES	1995	FORD	CROWN VICTORIA	8-12	NO	LARGE SUBDURAL HEMATOMA	PAB
	CA98068	AVAILABLE	Jul-96	Dec-98	DE	15	FEMALE	63	110	YES	1994	PLYMOUTH	VOYAGER	15	YES	PERIOD OF UNCONSCIOUSNESS, INCOMPLETE BRACHIAL PLEXUS INJURY	PAB
6	DS98005	AVAILABLE	May-97	Feb-98	CA	79	FEMALE	62	108	NO	1997	TOYOTA	CAMRY	11	YES	CEREBRUM HEMATOMA/ HEMORRHAGE SUBDURAL NFS	PAB
	CA99013	AVAILABLE	Dec-97	May-99	FL	16	FEMALE	65	105	NO	1994	PLYMOUTH	VOYAGER	9	YES	DEFUSE CEREBRAL EDEMA; AVULSION OF THE SMALL NERVES AT C7-T1 WITH STRETCHING AT C6	PAB

April 1, 2005

CASES FROM THE NATIONAL CENTER FOR STATISTICS AND ANALYSIS SPECIAL CRASH INVESTIGATIONS PROGRAM

ADULT PASSENGERS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OR MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
	IN98026	AVAILABLE	Sep-97	Oct-98	MS	42	MALE	UNK	UNK	UNK	1998	VOLVO	S70	9-14	UNK	C5/C6 FRACTURE; CERVICAL SPINAL CORD INJURY WITH QUADRIPLÉGIA	PAB
	DS99022	AVAILABLE	Jul-99	Aug-99	NV	64	FEMALE	62	112	YES	1997	TOYOTA	4-RUNNER	13	YES	SUBDURAL HEMATOMA	PAB
7	IN00017	AVAILABLE	Oct-00	Oct-00	IA	22	FEMALE	67	145	NO	1997	HYUNDAI	SONATA	13.4	YES	CRITICAL NONANATOMIC BRAIN INJURY WITH UNCONCIOUSNESS	PAB
8	CA99039	AVAILABLE	May-98	Sep-99	PA	85	MALE	UNK	UNK	NO	1998	MERCURY	MYSTIQUE	8	YES	INTRA-CEREBRAL HEMORRHAGE	PAB AND RIGHT B-PILLER
9	CA99011	AVAILABLE	Oct-98	May-99	PA	90	FEMALE	62	170	YES	1997	PONTIAC	TRANSPORT	10-12	YES	LARGE RIGHT PARIETAL SUBDURAL HEMATOMA	PAB

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April 1, 2005

CASES FROM THE NATIONAL CENTER FOR STATISTICS AND ANALYSIS SPECIAL CRASH INVESTIGATIONS PROGRAM

ADULT PASSENGERS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OR MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
10	CA00002	AVAILABLE	Jan-00	Jan-00	MD	85	FEMALE	63	140	MIS-USED - SHOULDER BELT INCORRECTLY POSITIONED UNDER ARM	1993	MERCURY	GRAND MARQUIS	14.4	NO	LEFT SUBDURAL HEMATOMA, NOT FURTHER SPECIFIED	PAB
11	2002-75-053A	AVAILABLE	May-02	May-02	CO	71	FEMALE	59	120	YES	2000	TOYOTA	4-RUNNER	14.3	NO	CEREBRAL HEMATOMA	PAB; HEAD REST
	CA03010	UNDER REVIEW	Sep-98	Feb-03	GA	50	FEMALE	65	137	UNK	1997	FORD	F-150	10.6	YES	BRAIN STEM INJURY INVOLVING HEMORRHAGE	PAB
12	CA03049	UNDER REVIEW	Aug-03	Sep-03	PA	85	FEMALE	61	165	NO	1998	DODGE	NEON	11.8	YES	CEREBRUM HEMATOMA; SMALL BILATERAL SUBDURAL HEMORRHAGE	PAB

April 1, 2005

CASES FROM THE NATIONAL CENTER FOR STATISTICS AND ANALYSIS SPECIAL CRASH INVESTIGATIONS PROGRAM

ADULT PASSENGERS WHO SUSTAINED FATAL OR SERIOUS INJURIES IN MINOR OR MODERATE SEVERITY AIR BAG DEPLOYMENT CRASHES

Fatal Count	Case Number	Case Status	Crash Date	Invest Date	St	Age	Sex	Ht (IN)	Wt (LB)	Restraint Use	Vehicle Model Year	Vehicle Make	Vehicle Model	Change In Velocity (MPH)	Pre-Impact Braking	Injury Descriptions	Injury Source
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- UNK - UNKNOWN
- PAB FLAP - PASSENGER'S AIR BAG COVER FLAP
- DAB - DRIVER'S AIR BAG
- N/A - NOT APPLICABLE
- PAB - PASSENGER'S AIR BAG
- FX – FRACTURE

**SPECIAL CRASH INVESTIGATIONS
ADVANCED OCCUPANT PROTECTION CASES**

April 1, 2005

1. CASES

1. Total Number of Cases:	119
2. Number of cases under active investigation:	18
3. Number of cases under review:	21
4. Number of cases available to public:	80

2. VEHICLES BY MANUFACTURER

1	AUDI	3
2	BMW	3
3	DAIMLER - CHRYSLER	5
4	FORD	63
5	GM	14
6	HONDA	8
7	HYUNDAI	1
8	JAGUAR	1
9	NISSAN	1
10	SUBARU	1
11	TOYOTA	15
12	VOLKSWAGEN	2
13	VOLVO	2
	TOTAL	119

3. IMPACT PLANE

1	FRONT	105
2	LEFT	4
3	RIGHT	5
4	TOP	4
5	UNDERCARRIAGE	1
	TOTAL	119

4. CASE SELECTION CRITERIA

February 2001 to Present

The crash configuration must be an impact where an advanced component is designed to protect the occupant(s). Not including back plane impacts.

The vehicle must be towed due to crash induced damage.

5. NHTSA CASE SUMMARY

The Advanced Occupant Protection Systems Study case summary can be viewed on the SCI Internet web site at

<http://www-nrd.nhtsa.dot.gov/departments/nrd-30/ncsa/SCI.html>

6. COORDINATION OF INFORMATION WITH INDUSTRY

The Agency is sharing the field data with those automobile manufacturers that are currently sharing their technologies surrounding the Advanced Occupant Protection Systems available in their production vehicles.

Particularly noteworthy is the technical analysis of data recording device outputs. This data has provided invaluable information relating to the occupant status, severity assessment and deployment controls in researching crashes with advanced systems.

April 1, 2005

NHTSA NCSA ADVANCED OCCUPANT PROTECTION SYSTEMS CASE SUMMARY

CRASH											DRIVER						FRONT RIGHT PASSENGER								
Total No.	Case Number	Case Status	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Damage based Delta V	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity	
1	CA00013	AVAILABLE	Mar-00	May-00	MI	2000	FORD	TAURUS	12FZEW1	-10.0 LONGITUDINAL	31	MALE	73	183	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	CA00014	AVAILABLE	Mar-00	Mar-00	VA	2000	HONDA	ACCORD	01FDEW1	-9.8 LONGITUDINAL	27	FEMALE	62	140	YES	CERVICAL SPINE	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3	00-12-093G	AVAILABLE	Jun-00	Jun-00	MI	2000	FORD	TAURUS	12FDEW1	21.7	37	MALE	75	260	YES	UPPER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
4	CA00019	AVAILABLE	Jun-00	Jul-00	TN	2000	FORD	TAURUS	01RYAW3	-12.2 LONGITUDINAL	86	MALE	71	150	NO	THORAX	4 - SEVERE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	DS00002	AVAILABLE	Feb-00	Jun-00	CA	2000	FORD	TAURUS	12FDEW1	11.6	70	FEMALE	64	130	NO	FACE	3 - SERIOUS	69	MALE	74	275	NO	LOWER EXTREMITY	1 - MINOR	
6	DS00003	AVAILABLE	Mar-00	Jun-00	TX	2000	FORD	TAURUS	12FDEW1	-38.4 LONGITUDINAL	33	MALE	70	190	YES	THORAX	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7	DS00004	AVAILABLE	Feb-00	Jul-00	WA	2000	FORD	TAURUS	00RDAO2	N/A	30	FEMALE	63	150	YES	THORAX	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	DS00005	AVAILABLE	Mar-00	Jul-00	TX	2000	MERCURY	SABLE	10FYEW1	-1.9 LONGITUDINAL	40	MALE	UNK	UNK	YES	N/A	0 - NOT INJURED	20	FEMALE	UNK	UNK	YES	N/A	0-NOT INJURED	
9	CA00020	AVAILABLE	Apr-00	Jul-00	AL	2000	FORD	TAURUS	12FCEN4	42.8	78	MALE	71	180	YES	HEAD	7 - INJURED UNKNOWN SEVERITY	76	FEMALE	67	159	YES	LOWER EXTREMITY	2 - MODERATE	
10	CA00021	AVAILABLE	May-00	Jul-00	TN	2000	FORD	TAURUS	12FCEN1	-11.5 LONGITUDINAL	20	MALE	UNK	UNK	YES	NOT INJURED	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	DS00006	AVAILABLE	May-00	Jul-00	CA	2000	FORD	TAURUS	12FDEW1	-11.4 LONGITUDINAL	40	FEMALE	66	110	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	DS00007	AVAILABLE	Apr-00	Jul-00	MO	2000	FORD	TAURUS	11FDEW2	-14.5 LONGITUDINAL	44	MALE	68	145	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13	DS00008	AVAILABLE	May-00	Jul-00	CA	2000	MERCURY	SABLE	12FDEW1	11.7	59	MALE	72	179	YES	FACE	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14	CA00023	AVAILABLE	Jun-00	Jul-00	TN	2000	FORD	TAURUS	11FYEW1	UNK	18	FEMALE	70	180	NO	LOWER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Total No.	Case Number	Case Status	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Damage based Delta V	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity
15	CA00025	AVAILABLE	Apr-00	Jul-00	MD	2000	FORD	TAURUS	12FLEE9	UNK	62	FEMALE	UNK	UNK	YES	HEAD	7 - INJURED UNKNOWN SEVERITY	65	MALE	UNK	UNK	NO	HEAD	7 - INJURED UNKNOWN SEVERITY
16	DS00009	AVAILABLE	Jun-00	Aug-00	WI	2000	FORD	TAURUS	12FDEW4	41.0	63	MALE	70	200	YES	CHEST	4 - SEVERE	62	FEMALE	65	150	YES	CHEST	2 - MODERATE
17	DS00010	AVAILABLE	Jun-00	Aug-00	MO	2000	FORD	TAURUS	12FDEW1	-11.9 LONGITUDINAL	67	MALE	68	200	NO	ABDOMEN	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
18	DS00011	AVAILABLE	May-00	Aug-00	TX	2000	MERCURY	SABLE	12FLEN2	14.3	39	FEMALE	64	135	YES	BACK	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	DS00013	AVAILABLE	Jul-00	Aug-00	WI	2000	FORD	TAURUS	12FREE2	18.0	24	MALE	68	250	NO	HEAD	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	DS00014	AVAILABLE	May-00	Aug-00	MO	2000	FORD	TAURUS	12FYEW1	-15.7 LONGITUDINAL	48	FEMALE	UNK	UNK	YES	NOT INJURED	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21	DS00016	AVAILABLE	Jun-00	Aug-00	AR	2000	FORD	TAURUS	10LYEW2	-3.3 LONGITUDINAL	30	MALE	70	180	YES	CHEST	1 - MINOR	46	FEMALE	66	200	YES	CHEST	1-MINOR
22	CA00035	AVAILABLE	Aug-00	Aug-00	NJ	2000	FORD	TAURUS	12FDEW1	11.6	35	MALE	72	205	YES	UPPER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23	DS00019	AVAILABLE	Jul-00	Sep-00	IL	2000	FORD	TAURUS	12FDEW1	-22.6 LONGITUDINAL	29	FEMALE	59	115	YES	LOWER EXTREMITY	1 - MINOR	50	MALE	68	170	YES	THORAX	1-MINOR
24	DS00018	AVAILABLE	Jun-00	Sep-00	TX	2000	FORD	TAURUS	11FDEW1	15.5	51	MALE	66	185	YES	UPPER EXTREMITY	1 - MINOR	38	FEMALE	62	160	NO	HEAD	1 - MINOR
25	CA00038	AVAILABLE	Sep-00	Oct-00	MI	2000	FORD	TAURUS	12FDEW1	-8.6 LONGITUDINAL	46	MALE	71	215	NO	NOT INJURED	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
26	00-11-075E	AVAILABLE	Jun-00	Oct-00	VA	2000	MERCURY	SABLE	12FLEE6	13.3	35	MALE	70	175	YES	NECK	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
27	CA00044	AVAILABLE	Sep-00	Oct-00	MI	2000	FORD	TAURUS	11FYEW1	-9.9 LONGITUDINAL	22	MALE	UNK	UNK	NO	N/A	0 - NOT INJURED	20	MALE	UNK	UNK	NO	N/A	0-NOT INJURED
28	CA00043	AVAILABLE	Aug-00	Oct-00	MI	2000	FORD	TAURUS	02RFWE2	-9.7 LONGITUDINAL	85	FEMALE	UNK	UNK	YES	UPPER EXTREMITY	2 - MODERATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	00-11-145K	AVAILABLE	Oct-00	Oct-00	MI	2000	FORD	TAURUS	01FZEW1	7.6	17	MALE	76	175	YES	N/A	0 - NOT INJURED	17	MALE	76	230	YES	FACE	1 - MINOR

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30	CA00041	AVAILABLE	Sep-00	Sep-00	MI	2000	FORD	TAURUS	01FREE5	-21.1 LONGITUDINAL	46	MALE	69	245	NO	UNK	UNK	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	CA00059	AVAILABLE	Nov-00	Dec-00	VA	2000	FORD	TAURUS	11FDEW2	-12.6 LONGITUDINAL	40	MALE	76	250	YES	N/A	0 - NOT INJURED	60	FEMALE	63	200	NO	HEAD	1-MINOR
32	DS00017	AVAILABLE	Jun-00	Sep-00	OR	2000	FORD	TAURUS	12FDEW1	-19.5 LONGITUDINAL	50	MALE	74	200	YES	HEAD	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33	CA01011	AVAILABLE	Dec-00	Jan-01	NY	2001	CHRYSLER	TOWN AND COUNTRY	12FDEW1	-14.9 LONGITUDINAL	36	FEMALE	62	108	YES	NOT INJURED	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
34	DS01003	AVAILABLE	Dec-00	Feb-01	CA	2000	FORD	TAURUS	01FZEW1	-21.0 LONGITUDINAL	30	MALE	67	185	YES	UPPER EXTREMITY	1 - MINOR	39	MALE	UNK	UNK	YES	N/A	0-NOT INJURED
35	CA01022	AVAILABLE	Jan-01	Feb-01	VA	2000	FORD	TAURUS	91LYEW3	-19.9 LONGITUDINAL	48	FEMALE	64	156	YES	LOWER EXTREMITY	3 - SERIOUS	N/A	N/A	N/A	N/A	N/A	N/A	N/A
36	IN01003	AVAILABLE	Feb-00	Feb-01	MS	2001	LEXUS	GS300	12FZLW2	12.7	20	MALE	UNK	UNK	YES	FACE	1 - MINOR	18	FEMALE	67	170	NO	HEAD	6 - MAXIMUM
37	DS01004	AVAILABLE	Nov-00	Mar-01	NC	2000	FORD	TAURUS	12FDEW2	28.8	42	MALE	UNK	UNK	YES	UNK	7 - INJURED UNKNOWN SEVERITY	46	FEMALE	UNK	UNK	YES	UNK	7 - INJURED UNKNOWN SEVERITY
38	DS01005	AVAILABLE	Jan-01	Mar-01	TX	2000	FORD	TAURUS	12FDEW1	15.1	49	MALE	68	185	NO	NECK	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
39	IN01006	AVAILABLE	Mar-01	Mar-01	IL	2001	FORD	TAURUS	12FYEK6	25.5	25	MALE	73	175	YES	LOWER EXTREMITY	2 - MODERATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40	DS01006	AVAILABLE	Dec-00	Mar-01	CA	2000	FORD	TAURUS	12FDEW3	20.5	70	FEMALE	63	125	YES	FACE	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
41	DS01007	AVAILABLE	Jan-01	Mar-01	KS	2001	MERCURY	SABLE	01FDEW1	11.3	20	FEMALE	64	165	NO	LOWER EXTREMITY	2 - MODERATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A
42	CA01020	AVAILABLE	Jan-01	Feb-01	PA	2000	FORD	TAURUS	11FDEW1	-7.1 LONGITUDINAL	48	MALE	72	275	YES	UPPER EXTREMITY	1 - MINOR	47	FEMALE	62	150	YES	UPPER EXTREMITY	1-MINOR
43	CA00042	AVAILABLE	Aug-00	Oct-00	PA	2000	FORD	TAURUS	81FZEW1	-18.6 LONGITUDINAL	70	FEMALE	61	140	YES	UPPER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
44	DS01009	AVAILABLE	Dec-00	Apr-01	TX	2000	FORD	TAURUS	11FYEW2	20.3	56	FEMALE	67	180	YES	CHEST	2 - MODERATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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45	CA01031	AVAILABLE	May-00	Jun-01	MD	2001	TOYOTA	RAV 4	12FLEW1	11.0	35	MALE	71	181	YES	UPPER EXTREMITY	1 - MINOR	30	FEMALE	63	139	YES	CHEST	1 - MINOR
46	CA01033	AVAILABLE	Apr-01	Jun-01	MI	2001	FORD	TAURUS	01RZAW4	15.5	25	MALE	UNK	UNK	NO	FACE	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
47	CA01034	AVAILABLE	Apr-01	Jun-01	MI	2001	FORD	TAURUS	11FDEW1	17.7	51	FEMALE	UNK	UNK	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
48	CA01028	AVAILABLE	May-01	May-01	NY	2000	FORD	TAURUS	12FDEW1	-8.5 LONGITUDINAL	69	FEMALE	67	170	YES	THORAX	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
49	IN01017	AVAILABLE	Jun-01	Jun-01	IN	2000	FORD	TAURUS	00UFDW2	UNK	29	MALE	UNK	UNK	NO	UNK	7 - INJURED UNKNOWN SEVERITY	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50	01-02-057E	AVAILABLE	Jun-01	Jun-01	NY	2001	FORD	TAURUS	01FDEW2	11.5	60	MALE	67	260	NO	FACE	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
51	IN01012	AVAILABLE	Apr-01	Apr-01	MO	2001	FORD	TAURUS	12FDAA7	82.3	37	FEMALE	68	123	YES	CHEST	3 - SERIOUS	N/A	N/A	N/A	N/A	N/A	N/A	N/A
52	CA01039	AVAILABLE	Jun-01	Jul-01	NY	2001	MERCURY	SABLE	71FDEW1	14.1	57	FEMALE	UNK	UNK	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
53	IN01019	AVAILABLE	Jul-01	Aug-01	LA	2001	FORD	CROWN VICTORIA	12FDEW2	14	36	MALE	71	180	NO	HEAD	2 - MODERATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A
54	01-41-005K	AVAILABLE	Jan-01	Jan-01	FL	2001	AUDI	TT	UNK	-15.5 LONGITUDINAL	32	MALE	70	181	NO	FACE	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
55	01-43-019E	AVAILABLE	Feb-01	Feb-01	NC	2000	BMW	328CI	09LYEW9	UNK	15	MALE	68	152	YES	FACE	1 - MINOR	16	MALE	67	159	YES	UPPER EXTREMITY	2-MODERATE
56	DS01018	UNDER REVIEW	Nov-02	Dec-02	AZ	2001	CHRYSLER	TOWN AND COUNTRY	12FYEW1	-9.7 LONGITUDINAL	78	FEMALE	60	115	TBD	CHEST	1 - MINOR	83	FEMALE	66	200	TBD	CHEST & UPPER EXTREMITIES	1-MINOR
57	IN01026	AVAILABLE	Oct-01	Dec-01	WI	2001	HONDA	CIVIC	12FYEW3	21.7	18	MALE	73	180	YES	UPPER EXTREMITY	1 - MINOR	18	MALE	82	220	YES	UPPER EXTREMITY	1-MINOR
58	IN02001	AVAILABLE	Dec-01	Dec-01	TX	2000	CADILLAC	DEVILLE	12FLEE6	13.3	70	MALE	72	235	YES	NECK	1 - MINOR	68	FEMALE	61	140	YES	CHEST	1 - MINOR
59	01-75-113A	AVAILABLE	Oct-01	Oct-01	CO	2001	TOYOTA	AVALON	12FDEW3	47.0	53	MALE	67	220	YES	HEAD	6 - MAXIMUM	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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60	CA02007	AVAILABLE	Jan-02	Feb-02	DC	2001	FORD	CROWN VICTORIA	12FYEW2	10.4	39	MALE	UNK	UNK	YES	UNK	UNK	N/A	N/A	N/A	N/A	N/A	N/A	N/A
61	DS02004	AVAILABLE	Feb-02	Feb-02	CA	2002	JAGUAR	X-TYPE	12FDEW1	29.0	55	MALE	81	260	YES	CHEST	2 - MODERATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A
62	CA01053	AVAILABLE	Dec-01	Dec-01	NY	2002	FORD	WINDSTAR	12FLEE2	-16.0 LONGITUDINAL	38	FEMALE	UNK	UNK	YES	NOT INJURED	0 - NOT INJURED	12	MALE	UNK	95	YES	NOT INJURED	0-NOT INJURED
63	CA01037	AVAILABLE	Jun-01	Jun-01	NY	2001	FORD	TAURUS	11LYAW3	UNK	20	FEMALE	68	145	YES	HEAD	5 - CRITICAL	14	FEMALE	62	125	YES	UPPER EXTREMITY	1 - MINOR
64	CA01030	AVAILABLE	May-01	May-01	MD	2001	FORD	WINDSTAR	01FZEW1	8.1	39	MALE	UNK	UNK	YES	LOWER EXTREMITY	2 - MODERATE	15	MALE	160	100	YES	CHEST	1 - MINOR
65	DS02009	UNDER REVIEW	May-02	Jun-02	CA	2002	FORD	TAURUS	12FLEE3	15.5	60	MALE	69	253	NO	HEAD	2 - MODERATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A
66	DS02014	UNDER REVIEW	Jul-02	Jul-02	CO	2001	VOLKSWAGEN	JETTA	05RDAW3	UNK	21	FEMALE	TBD	TBD	YES	TBD	TBD	24	MALE	TBD	TBD	YES	TBD	TBD
67	CA02018	AVAILABLE	Mar-02	May-02	PA	2002	DODGE	CARAVAN	12FREW1	11.2	36	MALE	67	220	YES	UPPER EXTREMITY	1 - MINOR	35	FEMALE	67	130	YES	UPPER EXTREMITY	1 - MINOR
68	CA02013	AVAILABLE	Apr-02	May-02	CO	2002	AUDI	QUATTRO	12FDEW1	21.9	37	MALE	72	220	YES	LOWER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69	IN02005	AVAILABLE	Jul-02	Aug-02	TX	2003	TOYOTA	COROLLA	01FDEW1	18.0	18	MALE	61	130	YES	NECK	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
70	DS02020	AVAILABLE	Aug-02	Oct-02	WA	2003	TOYOTA	COROLLA	81FDEW2	23.0	23	FEMALE	60	120	YES	LOWER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
71	CA02037	UNDER REVIEW	Sep-02	Sep-02	PA	2003	PONTIAC	BONNEVILLE	12FYEW3	23.0	23	MALE	69	160	NO	HEAD	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
72	CA02039	AVAILABLE	Aug-02	Sep-02	MI	2002	CADILLAC	DEVILLE	71FDEW2	9.9	49	FEMALE	70	170	YES	UPPER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
73	IN02006	AVAILABLE	Aug-02	Oct-02	TX	2002	TOYOTA	COROLLA	12FLEE4	8.1	37	MALE	67	150	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
74	CA02047	UNDER REVIEW	Oct-02	Oct-02	TN	2002	LEXUS	ES300	01FREE6	25.5	47	FEMALE	UNK	UNK	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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75	CA02040	UNDER REVIEW	Aug-02	Sep-02	MD	2001	HONDA	ACCORD	12FDEW2	14.3	24	FEMALE	UNK	UNK	YES	NECK	1 - MINOR	21	MALE	UNK	UNK	NO	N/A	0 - NOT INJURED	
76	DS02028	AVAILABLE	Oct-02	Nov-02	CO	2001	SUBARU	LEGACY OUTBACK	12FDEW3	24.9	33	FEMALE	63	112	YES	LOWER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
77	02-05-013A	AVAILABLE	Jan-02	Jan-02	PA	2001	VOLVO	S40	12FDEW4	42.3	78	FEMALE	60	97	NO	CHEST	6 - MAXIMUM	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
78	IN02007	AVAILABLE	Sep-02	Oct-02	TX	2003	FORD	CROWN VICTORIA	11FDEW3	14.3	33	MALE	72	180	NO	HEAD	2 - MODERATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
79	DS03003	UNDER REVIEW	Dec-02	Feb-03	WA	2003	BMW	Z3	00TDDO2	UNK	47	MALE	UNK	UNK	YES	TBD	TBD	43	MALE	68	170	YES	N/A	0 - NOT INJURED	
80	DS02029	UNDER REVIEW	Oct-02	Nov-02	WA	2003	GMC	SAFARI	01FDEW2	12.4	27	MALE	UNK	UNK	NO	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
81	DS02012	AVAILABLE	May-02	Jun-02	CA	2003	TOYOTA	MATRIX	10FDEW2	20.5	47	FEMALE	60	115	YES	NECK	1 - MINOR	45	FEMALE	62	140	YES	NECK	1 - MINOR	
82	DS03004	ACTIVE	Nov-02	Jan-03	CA	2003	CHEVROLET	VENTURE	01FDEW2	12.0	34	FEMALE	70	140	YES	TBD	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
83	IN02014	UNDER REVIEW	Oct-02	Oct-02	MO	2002	VOLKSWAGEN	GOLF	12FDEW2	18.6	44	FEMALE	71	180	YES	NECK	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
84	IN02017	UNDER REVIEW	Nov-02	Nov-02	TX	2002	CHEVROLET	TAHOE	12FDEW2	20.5	46	MALE	67	190	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
85	IN03002	UNDER REVIEW	Dec-02	Jan-03	TX	2001	HONDA	ACCORD	01FYEW1	9.9	35	FEMALE	66	200	YES	TBD	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
86	IN03003	UNDER REVIEW	Nov-02	Jan-03	TX	2002	FORD	WINDSTAR	12FDEW2	19.3	35	FEMALE	64	170	YES	TBD	TBD	10	MALE	68	92	YES	TBD	TBD	
87	IN03014	ACTIVE	Mar-03	Mar-03	TX	2001	BUICK	LESABRE	12FDEW2	10.6	37	MALE	UNK	UNK	YES	TBD	TBD	34	FEMALE	UNK	UNK	YES	TBD	TBD	
88	IN03015	AVAILABLE	Mar-03	Apr-03	WI	2002	CHEVROLET	MONTE CARLO	01FDEW2	12.4	45	FEMALE	66	210	YES	LOWER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
89	DS03014	UNDER REVIEW	Mar-03	May-03	AZ	2001	FORD	CROWN VICTORIA	11FDEW2	27.3	29	MALE	71	240	YES	UPPER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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90	IN03013	ACTIVE	Mar-03	Mar-03	TX	2003	LINCOLN	NAVIGATOR	11FZEW1	8.1	19	FEMALE	65	140	YES	UPPER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
91	IN03004	ACTIVE	Dec-02	Jan-03	TX	2003	NISSAN	ALTIMA	11FYEW3	17.1	78	FEMALE	TBD	TBD	YES	TBD	7 - INJURED UNKNOWN SEVERITY	N/A	N/A	N/A	N/A	N/A	N/A	N/A
92	CA01045	AVAILABLE	Aug-01	Sep-01	CO	2001	HONDA	CIVIC	00TDD02	UNK	19	MALE	72	155	YES	HEAD	1 - MINOR	19	MALE	69	180	YES	FACE	1 - MINOR
93	CA03030	ACTIVE	May-03	May-03	FL	2001	VOLVO	S40	10FDEW1	11.8	22	MALE	UNK	UNK	YES	TBD	7 - INJURED UNKNOWN SEVERITY	N/A	N/A	N/A	N/A	N/A	N/A	N/A
94	IN03017	ACTIVE	Mar-03	May-03	AL	2003	HONDA	ACCORD	12FZEW3	19.9	39	MALE	72	215	YES	TBD	7 - INJURED UNKNOWN SEVERITY	7	FEMALE	44	60	YES	TBD	7 - INJURED UNKNOWN SEVERITY
95	DS03015	ACTIVE	Mar-03	Apr-03	CA	2003	AUDI	A4	UNK	UNK	42	MALE	70	185	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
96	CA02011	AVAILABLE	Feb-02	Mar-02	TX	2000	FORD	TAURUS	12FLEE4	11.2	17	FEMALE	UNK	UNK	YES	UNK	UNK	N/A	N/A	N/A	N/A	N/A	N/A	N/A
97	CA03032	ACTIVE	May-03	Jun-03	NJ	2001	FORD	CROWN VICTORIA	01FDEW1	8.7	23	FEMALE	63	148	NO	UPPER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
98	02-48-070C	AVAILABLE	May-02	Jan-03	AL	2001	MERCEDES-BEN	ML320	11FDEW1	14.9	41	MALE	70	215	YES	UPPER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
99	DS03026	ACTIVE	May-03	Jun-03	TX	2003	HONDA	ACCORD	81FZEW1	13.7	18	FEMALE	TBD	TBD	YES	TBD	7 - INJURED UNKNOWN SEVERITY	17	FEMALE	TBD	TBD	YES	TBD	7 - INJURED UNKNOWN SEVERITY
100	02-48-074J	AVAILABLE	May-02	Jan-03	AL	2001	LEXUS	LS430	12FLEE3	UNK	34	FEMALE	67	137	YES	LOWER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
101	02-08-148E	AVAILABLE	Aug-02	Oct-02	PA	2003	DODGE	STRATUS	12FRES6	UNK	36	MALE	UNK	UNK	NO	HEAD	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
102	DS03007	AVAILABLE	Jan-03	Feb-03	TX	2003	TOYOTA	MATRIX	12FDEW2	15.5	38	MALE	71	168	NO	FACE	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
103	IN03041	ACTIVE	Aug-03	Sep-03	OK	2003	CHEVROLET	SILVERADO	00TYDO3	10.5	24	MALE	TBD	TBD	NO	TBD	7 - INJURED UNKNOWN SEVERITY	N/A	N/A	N/A	N/A	N/A	N/A	N/A
104	DS03033	ACTIVE	Sep-03	Oct-03	CA	2004	TOYOTA	COROLLA	12FDEW1	19.3	50	MALE	66	190	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Total No.	Case Number	Case Status	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Damage based Delta V	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity
105	DS03034	ACTIVE	Aug-03	Oct-03	CA	2004	TOYOTA	COROLLA	12FREE9	UNK	20	FEMALE	TBD	TBD	YES	TBD	TBD	20	FEMALE	TBD	TBD	YES	TBD	TBD
106	02-08-035E	UNDER REVIEW	Dec-02	Mar-03	PA	2003	HONDA	ODYSSEY	12FDEW1	12.5	40	FEMALE	68	130	YES	FACE	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
107	CA03039	UNDER REVIEW	Jul-03	Jul-03	NJ	2003	HYUNDAI	ELANTRA	12FREE1	9.9	18	FEMALE	62	102	YES	N/A	0 - NOT INJURED	86	FEMALE	63	140	YES	LOWER EXTREMITY	1 - MINOR
108	CA03044	ACTIVE	Jul-03	Aug-03	FL	2003	LEXUS	SC430	12FDEW3	26.7	52	MALE	UNK	UNK	YES	UNK	UNK	N/A	N/A	N/A	N/A	N/A	N/A	N/A
109	03-09-006C	UNDER REVIEW	Jan-03	Jul-03	MD	2003	GMC	ENVOY	10FYEW2	10.6	39	MALE	68	161	YES	LOWER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
110	02-47-111C	UNDER REVIEW	Sep-02	Sep-02	AL	2003	FORD	CROWN VICTORIA	10FDEW2	13.0	63	MALE	68	201	YES	FACE	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
111	IN04004	ACTIVE	Jan-04	Feb-04	OK	2004	SATURN	ION	12FYEW6	70.1	17	MALE	72	152	NO	TBD	TBD	17	MALE	72	152	NO	TBD	TBD
112	CA04007	ACTIVE	Feb-04	Mar-04	NY	2004	LEXUS	LS430	12FREW1	10.6	34	MALE	TBD	TBD	YES	N/A	0 - NOT INJURED	34	FEMALE	TBD	TBD	YES	N/A	0 - NOT INJURED
113	CA04014	ACTIVE	Feb-04	Mar-04	PA	2004	SATURN	ION	12FCEN3	21.7	23	MALE	UNK	UNK	NO	N/A	0 - NOT INJURED	25	MALE	UNK	UNK	NO	N/A	0 - NOT INJURED
114	IN04020	ACTIVE	May-04	Jun-04	TX	2004	GMC	ENVOY	00TDDO3	UNK	35	FEMALE	70	128	YES	UPPER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
115	IN03029	UNDER REVIEW	Jun-01	Jul-03	TX	2001	FORD	ESCAPE	12FZAW6	30.4	24	FEMALE	UNK	UNK	NO	FACE	1 - MINOR	4	MALE	41	35	NO	HEAD	5 - CRITICAL
116	02-45-137E	UNDER REVIEW	Aug-02	Oct-02	TN	2002	LEXUS	SC430	12FLAA6	UNK	40	MALE	67	174	NO	FACE	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
117	03-73-059A	UNDER REVIEW	Apr-03	Apr-03	IN	2001	CHEVROLET	MONTE CARLO	12FYEN3	24.8	63	MALE	73	201	YES	HEAD	4 - SEVERE	N/A	N/A	N/A	N/A	N/A	N/A	N/A
118	IN04042	ACTIVE	Oct-04	Dec-04	TX	2004	MAZDA	6	11FYEW1	7.5	22	MALE	UNK	UNK	NO	N/A	0 - NOT INJURED	24	MALE	UNK	UNK	YES	TBD	TBD
119	02-11-011C	UNDER REVIEW	Jan-02	Jan-02	MI	2001	BMW	X5	12FDEW2	15.5	46	MALE	71	194	NO	NECK	3 - SERIOUS	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Total No.	Case Number	Case Status	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Damage based Delta V	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity
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REPORT NOTES

- ACTIVE – INVESTIGATION INITIATED AND CONTINUING; REPORT NOT YET RECEIVED AT NHTSA
- UNDER REVIEW – INVESTIGATION COMPLETE; REPORT UNDER REVIEW BY NHTSA STAFF; REPORT NOT AVAILABLE
- AVAILABLE – REPORT REVIEW COMPLETE; REPORT PLACED IN PUBLIC FILE AND AVAILABLE FROM OUR WEBSITE:
[HTTP://WWW-NRD.NHTSA.DOT.GOV/DEPARTMENTS/NRD-30/NRSA/SCI.HTML](http://www-nrd.nhtsa.dot.gov/departments/nrd-30/nrsa/sci.html)
- TBD – TO BE DETERMINED
- UNK – UNKNOWN
- N/A - NOT APPLICABLE
- LOC – LOSS OF CONSCIOUSNESS
- NFS – NOT FURTHER SPECIFIED
- PAB FLAP - PASSENGER'S AIR BAG COVER FLAP
- DAB - DRIVER'S AIR BAG
- PAB - PASSENGER'S AIR BAG
- FX – FRACTURE

**SPECIAL CRASH INVESTIGATIONS
CERTIFIED ADVANCED 208 COMPLIANT**

April 1, 2005

1. CASES

1. Total Number of Cases:	84
2. Number of cases under active investigation:	56
3. Number of cases under review:	23
4. Number of cases available to public:	5

2. VEHICLES BY MANUFACTURER

1	BMW	1
2	DAIMLER - CHRYSLER	3
3	FORD	9
4	GM	52
5	HONDA	11
6	HYUNDAI	1
7	NISSAN	1
8	TOYOTA	6
	TOTAL	84

3. IMPACT PLANE

1	FRONT	73
2	LEFT	2
3	RIGHT	7
4	TOP	2
	TOTAL	84

4. CASE SELECTION CRITERIA

- INITIAL (2003)
 - Certified Advanced 208 Compliant Vehicle involved in a crash.
 - There is no current deployment criteria.
 - There is no current towing requirement.

5. NHTSA CASE SUMMARY

The Certified Advanced 208 Compliant Study case summary can be viewed on the SCI internet web site at <http://www-nrd.nhtsa.dot.gov/departments/nrd-30/ncsa/SCI.html>

6. COORDINATION OF INFORMATION WITH INDUSTRY

The Agency is sharing the field data with those automobile manufacturers that are currently sharing their technologies surrounding the Certified Advanced 208 Compliant Vehicles.

Case focus centers around the technical analysis of data recording device outputs. This data has provided invaluable information relating to the occupant status, severity assessment and deployment controls in researching crashes with certified advanced 208 compliant systems.

April 1, 2005

CERTIFIED ADVANCED 208 COMPLIANT

CRASH													DRIVER							FRONT RIGHT PASSENGER						
Total No.	Case Number	Case Status	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Damage based Delta V (mph)	Air Bag Switch	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity	
1	IN03005	ACTIVE	Jan-03	Jan-03	IL	2003	CHEVROLET	TAHOE	UNKNOWN	UNK	NO SWITCH PRESENT	23	FEMALE	54	140	YES	N/A	0 - NOT INJURED	26	MALE	69	190	YES	N/A	0 - NOT INJURED	
2	DS02030	UNDER REVIEW	Oct-02	Dec-02	TX	2003	CHEVROLET	TAHOE	12FLEW1	12.0	NO SWITCH PRESENT	28	MALE	UNK	UNK	NO	N/A	0 - NOT INJURED	28	MALE	UNK	UNK	NO	N/A	0 - NOT INJURED	
3	DS03008	AVAILABLE	Feb-03	Mar-03	TX	2003	CHEVROLET	AVALANCHE	12FYLW1	UNK	NO SWITCH PRESENT	44	MALE	72	210	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
4	IN03006	UNDER REVIEW	Jan-03	Feb-03	TX	2003	CHEVROLET	SILVERADO	03RFEW2	6.8	SWITCH PRESENT - AUTO POSITION	19	MALE	TBD	TBD	YES	TBD	TBD	44	FEMALE	TBD	TBD	YES	TBD	TBD	
5	03-42-050E	UNDER REVIEW	Apr-03	May-03	FL	2003	HONDA	ODESSEY	TBD	TBD	NO SWITCH PRESENT	39	FEMALE	TBD	TBD	YES	TBD	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
6	03-79-039J	UNDER REVIEW	Feb-03	Mar-03	CA	2003	GMC	YUKON	TBD	UNK	NO SWITCH PRESENT	23	FEMALE	67	153	NO	HEAD	3 - SERIOUS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
7	DS03005	UNDER REVIEW	Jan-03	Feb-03	CO	2003	CHEVROLET	TAHOE	12FDEW1	4.3	NO SWITCH PRESENT	26	FEMALE	TBD	TBD	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
8	DS03011	AVAILABLE	Mar-03	Apr-03	CO	2003	CHEVROLET	AVALANCHE	UNK	UNK	NO SWITCH PRESENT	37	MALE	71	180	YES	N/A	0 - NOT INJURED	37	FEMALE	72	120	YES	N/A	0 - NOT INJURED	
9	DS03021	ACTIVE	May-03	Jun-03	TX	2003	CHEVROLET	SILVERADO	01FZEW1	9.3	SWITCH PRESENT - AUTO POSITION	20	MALE	TBD	TBD	NO	TBD	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
10	DS03020	ACTIVE	Apr-03	Jun-03	TX	2003	GMC	YUKON	02RZAW2	8.7	NO SWITCH PRESENT	45	MALE	TBD	TBD	YES	UNK	7 - INJURED UNKNOWN SEVERITY	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	CA03042	UNDER REVIEW	Jul-03	Jul-03	MI	2003	CHEVROLET	AVALANCHE	12FREW3	13.0	NO SWITCH PRESENT	38	MALE	TBD	TBD	YES	TBD	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	IN03037	ACTIVE	Jul-03	Aug-03	OK	2003	GMC	YUKON	11FZEW1	7.9	NO SWITCH PRESENT	23	FEMALE	69	320	NO	UPPER EXTREMITY	1 - MINOR	55	FEMALE	68	230	NO	CHEST	1 - MINOR	
13	IN03036	ACTIVE	Jun-03	Aug-03	TX	2003	CHEVROLET	TAHOE	11FYEW3	9.3	NO SWITCH PRESENT	46	MALE	68	250	YES	HEAD	1 - MINOR	29	MALE	59	165	NO	LOWER EXTREMITY	1 - MINOR	

Total No.	Case Number	Case Status	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Damage based Delta V (mnh)	Air Bag Switch	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity
14	CA03055	AVAILABLE	Sep-03	Sep-03	MI	2003	CHEVROLET	SILVERADO	12UFCN1	UNK	SWITCH PRESENT - AUTO POSITION	45	MALE	74	235	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
15	IN03038	ACTIVE	Jul-03	Aug-03	TX	2003	CHEVROLET	SILVERADO	10FYEW1	5.4	SWITCH PRESENT - AUTO POSITION	29	MALE	72	180	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
16	CA03041	UNDER REVIEW	Jul-03	Jul-03	MI	2003	ACURA	MDX	TBD	UNK	NO SWITCH PRESENT	34	MALE	66	150	YES	FACE	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17	CA03043	UNDER REVIEW	Jul-03	Aug-03	MI	2003	CADILLAC	ESCALADE	12LDES2	UNK	NO SWITCH PRESENT	57	MALE	72	180	YES	N/A	0 - NOT INJURED	56	FEMALE	66	150	YES	ABDOMEN	1 - MINOR
18	CA03040	UNDER REVIEW	Apr-03	Jul-03	TX	2003	CHEVROLET	SILVERADO	12FYEW3	18.9	SWITCH PRESENT - AUTO POSITION	20	MALE	UNK	UNK	NO	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
19	IN03042	ACTIVE	Aug-03	Oct-03	KY	2003	CHEVROLET	SILVERADO	11FLEE8	UNK	SWITCH PRESENT - AUTO POSITION	60	MALE	72	195	YES	FACE	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20	CA03065	UNDER REVIEW	Oct-03	Nov-03	NJ	2004	GMC	YUKON	11FDEW1	10.6	NO SWITCH PRESENT	51	MALE	71	209	YES	UPPER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
21	02-09-239J	AVAILABLE	Dec-02	Jan-03	MD	2003	GMC	YUKON	12FLEE3	14.0	NO SWITCH PRESENT	66	MALE	68	194	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
22	CA03048	UNDER REVIEW	May-03	Aug-03	FL	2003	CHEVROLET	SILVERADO	12FYMW2	TBD	SWITCH PRESENT - AUTO POSITION	30	MALE	UNK	140	NO	FACE	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
23	IN03044	ACTIVE	Oct-03	Nov-03	TX	2004	LEXUS	RX330	12FDEW1	9.0	NO SWITCH PRESENT	30	MALE	72	190	YES	UPPER EXTREMITY	1 - MINOR	30	FEMALE	62	105	YES	NECK	1 - MINOR
24	03-74-186G	UNDER REVIEW	Oct-03	Dec-03	NE	2004	HONDA	ODYSSEY	12FRLE4	UNK	NO SWITCH PRESENT	16	MALE	68	143	YES	N/A	0 - NOT INJURED	15	MALE	69	UNK	YES	N/A	0 - NOT INJURED
25	03-75-084E	UNDER REVIEW	Aug-03	Dec-03	CO	2004	ACURA	MDX	12FLEE3	UNK	NO SWITCH PRESENT	32	MALE	62	119	YES	TBD	TBD	30	FEMALE	62	90	YES	TBD	TBD
26	IN03048	ACTIVE	Oct-03	Nov-03	TX	2003	CHEVROLET	SUBURBAN	11FDEW2	11.9	NO SWITCH PRESENT	43	MALE	73	250	YES	UPPER EXTREMITY	1 - MINOR	40	FEMALE	63	135	YES	LOWER EXTREMITY	1 - MINOR
27	CA04001	ACTIVE	Dec-03	Jan-04	MD	2003	CHEVROLET	SILVERADO	11FDEW2	8.9	SWITCH PRESENT - AUTO POSITION	50	MALE	UNK	UNK	NO	N/A	0 - NOT INJURED	60	FEMALE	UNK	UNK	NO	TBD	TBD

Total No.	Case Number	Case Status	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Damage based Delta V (mnh)	Air Bag Switch	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity
28	DS03006	AVAILABLE	Jan-03	Feb-03	AZ	2003	CHEVROLET	SILVERADO	12FYEW1	8.7	SWITCH PRESENT - AUTO POSITION	48	MALE	UNK	190	NO	UPPER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	CA03045	UNDER REVIEW	Jun-03	Aug-03	AL	2003	CHEVROLET	TAHOE	71FDEW2	24.8	NO SWITCH PRESENT	32	FEMALE	63	120	YES	LOWER EXTREMITY	2 - MODERATE	33	MALE	68	200	YES	FACE	1 - MINOR
30	IN04001	ACTIVE	Dec-03	Jan-04	OK	2003	CHEVROLET	TAHOE	12FDEW1	12.1	NO SWITCH PRESENT	37	FEMALE	60	134	YES	HEAD	2 - MODERATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	IN04002	ACTIVE	Jan-04	Jan-04	TX	2003	CHEVROLET	SILVERADO	01FDEW2	28.4	SWITCH PRESENT - AUTO POSITION	44	MALE	68	140	YES	CHEST	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
32	03-82-156E	ACTIVE	Dec-03	Feb-04	WA	2003	HONDA	ODYSSEY	12FZEW3	11.8	NO SWITCH PRESENT	56	MALE	68	181	YES	UPPER EXTREMITY	1 - MINOR	55	FEMALE	66	134	YES	CHEST	1 - MINOR
33	CA04009	ACTIVE	Jan-04	Mar-04	MI	2004	CADILLAC	ESCALADE	12FYEW2	UNK	SWITCH PRESENT - AUTO POSITION	67	MALE	67	175	YES	CHEST	2 - MODERATE	N/A	N/A	N/A	N/A	N/A	N/A	N/A
34	IN04005	ACTIVE	Dec-03	Feb-04	MO	2004	CHEVROLET	SILVERADO	11FYEW1	9.6	SWITCH PRESENT - AUTO POSITION	43	FEMALE	65	211	NO	CHEST	1 - MINOR	57	MALE	71	215	NO	FACE	1 - MINOR
35	IN04003	ACTIVE	Dec-03	Jan-04	TX	2003	CHEVROLET	SILVERADO	12FYEW1	9.3	SWITCH PRESENT - AUTO POSITION	18	FEMALE	61	102	YES	UPPER EXTREMITY	1 - MINOR	16	FEMALE	61	102	YES	N/A	0 - NOT INJURED
36	CA04013	UNDER REVIEW	Feb-04	Mar-04	TN	2003	CHEVROLET	AVALANCHE	12FREW2	8.7	NO SWITCH PRESENT	35	FEMALE	61	180	NO	LOWER EXTREMITY	1 - MINOR	11	FEMALE	59	146	NO	LOWER EXTREMITY	1 - MINOR
37	IN04008	ACTIVE	Mar-04	Apr-04	TX	2004	NISSAN	QUEST	02RZEW3	5.6	NO SWITCH PRESENT	59	MALE	65	150	YES	N/A	0 - NOT INJURED	57	FEMALE	63	180	YES	NECK	1 - MINOR
38	CA04021	ACTIVE	Mar-04	Apr-04	WV	2004	FORD	TAURUS	12FDEW1	11.8	NO SWITCH PRESENT	31	MALE	76	400	YES	CHEST	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
39	IN04007	ACTIVE	Feb-04	Mar-04	TX	2004	FORD	F-150	01RYEW2	24.2	NO SWITCH PRESENT	27	MALE	68	190	YES	N/A	0 - NOT INJURED	26	FEMALE	64	160	NO	FACE	1 - MINOR
40	CA04011	ACTIVE	Feb-04	Mar-04	OH	2004	HONDA	ACCORD	00TDD03	UNK	NO SWITCH PRESENT	25	FEMALE	TBD	TBD	YES	TBD	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A
41	IN04009	ACTIVE	Apr-04	Apr-04	IN	2004	HYUNDAI	ELANTRA	12FLEE6	11.5	NO SWITCH PRESENT	48	MALE	73	230	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Total No.	Case Number	Case Status	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Damage based Delta V (mnh)	Air Bag Switch	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity
42	IN04012	ACTIVE	Mar-04	May-04	TX	2004	HONDA	ACCORD	82FDEW1	11.2	NO SWITCH PRESENT	31	MALE	72	200	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
43	CA04019	ACTIVE	Mar-04	Apr-04	GA	2004	HONDA	ACCORD	02FDEW2	16.8	NO SWITCH PRESENT	21	FEMALE	TBD	TBD	YES	TBD	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A
44	04-75-046G	ACTIVE	Apr-04	May-04	CO	2004	FORD	F-150	02RZEW2	6.2	SWITCH PRESENT - AUTO POSITION	29	MALE	72	201	YES	LOWER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
45	IN04010	ACTIVE	Mar-04	May-04	TX	2004	TOYOTA	CAMRY	12FDEW1	15.8	NO SWITCH PRESENT	47	FEMALE	63	125	YES	CHEST	TBD	19	MALE	65	110	YES	N/A	0 - NOT INJURED
46	IN04014	UNDER REVIEW	Apr-04	May-04	TX	2004	FORD	TAURUS	12FDEW1	13.8	NO SWITCH PRESENT	26	MALE	66	145	YES	FACE	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
47	IN04016	ACTIVE	Apr-04	May-04	TX	2004	DODGE	DURANGO	12FYEW3	29.9	NO SWITCH PRESENT	45	MALE	71	180	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
48	CA04025	ACTIVE	Apr-04	Jun-04	PA	2004	HONDA	ACCORD	81FREW2	9.3	NO SWITCH PRESENT	39	FEMALE	TBD	TBD	YES	TBD	7 - INJURED UNKNOWN SEVERITY	N/A	N/A	N/A	N/A	N/A	N/A	N/A
49	IN04019	ACTIVE	May-04	Jun-04	TX	2003	GMC	SIERRA	12FREE5	UNK	SWITCH PRESENT - AUTO POSITION	38	MALE	UNK	UNK	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50	IN04011	ACTIVE	Apr-04	May-04	TX	2003	CHEVROLET	SILVERADO	12FDEW2	18.6	SWITCH PRESENT - AUTO POSITION	40	MALE	72	205	YES	UPPER EXTREMITY	1 - MINOR	6	FEMALE	42	50	YES	FACE	1 - MINOR
51	CA04033	ACTIVE	Jun-04	Jul-04	DE	2004	GMC	YUKON	12FLEW3	14.7	NO SWITCH PRESENT	12	MALE	63	200	NO	FACE	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
52	CA04031	ACTIVE	May-04	Jul-04	GA	2004	TOYOTA	CAMRY	01FDEW2	20.5	NO SWITCH PRESENT	25	FEMALE	TBD	TBD	YES	TBD	7 - INJURED UNKNOWN SEVERITY	N/A	N/A	N/A	N/A	N/A	N/A	N/A
53	CA04034	ACTIVE	Jun-04	Jul-04	CT	2004	LEXUS	ES330	12FDEW2	13.7	NO SWITCH PRESENT	42	MALE	TBD	TBD	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
54	DS04019	ACTIVE	Jul-04	Aug-04	CO	2005	FORD	ESCAPE	11FDEW1	17.7	NO SWITCH PRESENT	48	MALE	TBD	TBD	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
55	IN04021	ACTIVE	May-04	Jun-04	TX	2003	CHEVROLET	TAHOE	10LYEW3	8.1	NO SWITCH PRESENT	41	FEMALE	TBD	TBD	YES	TBD	7 - INJURED UNKNOWN SEVERITY	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Total No.	Case Number	Case Status	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Damage based Delta V (mnh)	Air Bag Switch	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity
56	IN04023	ACTIVE	Jun-04	Jul-04	TX	2004	GMC	YUKON	02RYEW3	9.3	NO SWITCH PRESENT	56	FEMALE	TBD	TBD	YES	TBD	7 - INJURED UNKNOWN SEVERITY	N/A	N/A	N/A	N/A	N/A	N/A	N/A
57	IN04024	ACTIVE	Jun-04	Jul-04	TX	2003	CHEVROLET	SILVERADO	01FDEW1	18.4	SWITCH PRESENT - AUTO POSITION	32	FEMALE	68	285	YES	NECK	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
58	CA04018	ACTIVE	Mar-04	Apr-04	VA	2003	ACURA	MDX	01FDEW1	6.8	NO SWITCH PRESENT	30	FEMALE	TBD	TBD	NO	TBD	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A
59	03-41-043B	UNDER REVIEW	Feb-03	Mar-03	FL	2003	CHEVROLET	SILVERADO	12FLES4	8.0	SWITCH PRESENT - AUTO POSITION	28	MALE	69	159	YES	N/A	0 - NOT INJURED	24	FEMALE	67	130	YES	HEAD	1 - MINOR
60	03-43-022G	UNDER REVIEW	Jan-03	Mar-03	NC	2003	CHEVROLET	SILVERADO	12FLEE1	6.2	SWITCH PRESENT - AUTO POSITION	33	MALE	80	276	YES	LOWER EXTREMITY	1 - MINOR	28	MALE	71	203	YES	NECK	1 - MINOR
61	CA04042	ACTIVE	Aug-04	Oct-04	TN	2004	LEXUS	ES330	12FZEN2	28.6	NO SWITCH PRESENT	83	FEMALE	61	119	YES	CHEST	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
62	DS02032	UNDER REVIEW	Dec-02	Dec-02	WA	2003	CHEVROLET	SILVERADO	12FDEW1	14.9	SWITCH PRESENT - AUTO POSITION	62	MALE	70	229	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
63	IN04027	ACTIVE	Jun-04	Aug-04	MS	2004	CHEVROLET	AVALANCHE	12FREE6	UNK	NO SWITCH PRESENT	37	MALE	70	240	NO	UPPER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
64	IN04029	ACTIVE	Jun-04	Sep-04	TX	2004	GMC	YUKON	12FYEW3	26.1	NO SWITCH PRESENT	33	FEMALE	UNK	UNK	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
65	IN04031	ACTIVE	Aug-04	Oct-04	TX	2004	LEXUS	RX330	02RZEW1	7.5	NO SWITCH PRESENT	58	MALE	69	170	YES	LOWER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
66	IN04034	ACTIVE	Sep-04	Oct-04	TX	2004	MAZDA	3	02FDEW2	13.7	NO SWITCH PRESENT	32	FEMALE	UNK	UNK	YES	UNK	UNK	N/A	N/A	N/A	N/A	N/A	N/A	N/A
67	IN04032	ACTIVE	Aug-04	Oct-04	TX	2004	FORD	TAURUS	12FDEW1	16.8	NO SWITCH PRESENT	20	MALE	UNK	UNK	YES	UNK	UNK	14	MALE	UNK	UNK	YES	UNK	UNK
68	CA04041	ACTIVE	Sep-04	Sep-04	NY	2005	GMC	YUKON	11FLEE9	9.9	NO SWITCH PRESENT	18	MALE	UNK	UNK	YES	TBD	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A
69	DS04023	UNDER REVIEW	Oct-04	Dec-04	WA	2004	CHEVROLET	SILVERADO	12FLEW2	12.3	SWITCH PRESENT - AUTO POSITION	64	MALE	TBD	TBD	YES	TBD	TBD	61	FEMALE	TBD	TBD	YES	TBD	TBD

Total No.	Case Number	Case Status	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Damage based Delta V (mnh)	Air Bag Switch	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity
70	IN04033	ACTIVE	Sep-04	Oct-04	TX	2003	CHEVROLET	SILVERADO	12FDLW1	9.8	SWITCH PRESENT - AUTO POSITION	22	FEMALE	UNK	UNK	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
71	IN04035	ACTIVE	Sep-04	Nov-04	TX	2004	BMW	530I	12FCEN2	14.5	NO SWITCH PRESENT	60	FEMALE	61	115	YES	N/A	0 - NOT INJURED	84	FEMALE	57	128	YES	CHEST	1 - MINOR
72	IN04036	ACTIVE	Oct-04	Nov-04	TX	2004	FORD	TAURUS	12FZEN2	19.3	NO SWITCH PRESENT	51	MALE	UNK	UNK	NO	TBD	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A
73	04-75-153E	ACTIVE	Nov-04	Dec-04	CO	2004	CHEVROLET	SILVERADO	12FYAA6	TBD	SWITCH PRESENT - OFF POSITION	42	MALE	68	220	YES	LOWER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
74	04-78-124C	UNDER REVIEW	Aug-04	Oct-04	AZ	2004	CADILLAC	ESCALADE	12FCEW2	TBD	SWITCH PRESENT - AUTO POSITION	20	MALE	73	220	YES	HEAD	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A
75	IN04040	ACTIVE	Oct-04	Dec-04	TX	2004	GMC	SIERRA	12FDEW1	11.2	SWITCH PRESENT - AUTO POSITION	44	MALE	TBD	TBD	YES	TBD	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A
76	CA05002	ACTIVE	Dec-04	Jan-05	MI	2004	CHEVROLET	SILVERADO	71FDEW3	16.2	SWITCH PRESENT - OFF POSITION	38	MALE	TBD	TBD	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A
77	04-50-129G	UNDER REVIEW	Oct-04	Nov-04	TX	2004	CHEVROLET	1500	81FDEW2	18.6	SWITCH PRESENT - AUTO POSITION	24	MALE	71	157	NO	LOWER EXTREMITY	1 - MINOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A
78	IN04030	ACTIVE	Sep-04	Oct-04	MO	2004	CHEVROLET	SILVERADO	00FDAW6	25.0	SWITCH PRESENT - AUTO POSITION	19	MALE	75	150	NO	TBD	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A
79	IN04041	ACTIVE	Oct-04	Dec-04	TX	2005	FORD	F-150	01FZEW2	14.3	SWITCH PRESENT - AUTO POSITION	47	FEMALE	67	145	NO	CHEST	TBD	N/A	N/A	N/A	N/A	N/A	N/A	N/A
80	IN05006	ACTIVE	Jan-05	Feb-05	TX	2004	JEEP	LIBERTY	12FDEW2	16.7	NO SWITCH PRESENT	29	FEMALE	65	123	YES	FACE	1 - MINOR	7	FEMALE	48	62	YES	CHEST	1 - MINOR
81	CA05011	ACTIVE	Dec-04	Feb-05	VA	2004	CHEVROLET	SUBURBAN	12FDEW2	18.0	NO SWITCH PRESENT	50	MALE	TBD	TBD	YES	HEAD	1 - MINOR	11	FEMALE	TBD	TBD	YES	UPPER EXTREMITY	7 - INJURED UNKNOWN SEVERITY
82	IN05007	ACTIVE	Jan-05	Feb-05	OH	2005	HONDA	ACCORD	02FYEW2	4.3	NO SWITCH PRESENT	24	FEMALE	62	125	YES	N/A	0 - NOT INJURED	26	FEMALE	37	40	YES	N/A	0 - NOT INJURED
83	CA05014	ACTIVE	Jan-05	Feb-05	VA	2005	DODGE	GRAND CARAVAN	12FZEW2	16.2	NO SWITCH PRESENT	66	MALE	TBD	TBD	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Total No.	Case Number	Case Status	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Damage based Delta V (mph)	Air Bag Switch	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Body Region	Injury Severity	
84	03-12-136G	UNDER REVIEW	Aug-03	Aug-03	MI	2003	CHEVROLET	SILVERADO	12FDEW2	16.7	SWITCH PRESENT - AUTO POSITION	47	FEMALE	69	200	YES	N/A	0 - NOT INJURED	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

REPORT NOTES

- ACTIVE – INVESTIGATION INITIATED AND CONTINUING; REPORT NOT YET RECEIVED AT NHTSA
- UNDER REVIEW – INVESTIGATION COMPLETE; REPORT UNDER REVIEW BY NHTSA STAFF; REPORT NOT AVAILABLE
- AVAILABLE – REPORT REVIEW COMPLETE; REPORT PLACED IN PUBLIC FILE AND AVAILABLE FROM OUR WEBSITE:
[HTTP://WWW-NRD.NHTSA.DOT.GOV/DEPARTMENTS/NRD-30/NRSA/SCI.HTML](http://www-nrd.nhtsa.dot.gov/departments/nrd-30/nrsa/sci.html)
- TBD – TO BE DETERMINED
- UNK – UNKNOWN
- N/A - NOT APPLICABLE
- NFS – NOT FURTHER SPECIFIED

THIS REPORT CONTAINS ONLY CASES IN WHICH PRELIMINARY INFORMATION HAS BEEN RECEIVED

**SPECIAL CRASH INVESTIGATIONS
SIDE AIR BAG CASES**

April 1, 2005

1. CASES

1. Total Number of Cases:	109
2. Number of cases under active investigation:	20
3. Number of cases under review	7
4. Number of cases available to public:	82

2. VEHICLES BY MAKE

1 AUDI	2
2 BMW	17
3 DAIMLER-CHRYSLER	11
4 FORD	10
5 GM	20
6 HONDA	5
7 HYUNDAI	1
8 JAGUAR	1
9 KIA	1
10 NISSAN	5
11 PORSCHE	2
12 TOYOTA	9
13 VOLKSWAGEN	11
14 VOLVO	14
TOTAL	109

3. IMPACT PLANE

1 FRONT	8
2 LEFT	63
3 NO IMPACT	2
4 RIGHT	24
5 TOP	12
TOTAL	109

4. CASE SELECTION CRITERIA

February 1995 to January 2000
Any side air bag and /or side curtain deployment

February 2000 to Present

Any side air bag and/or side curtain deployment into an occupied position

Data has provided invaluable information relating to the occupant status severity assessment and deployment controls in researching crashes with advanced systems.

April 1, 2005

NHTSA NCSA SIDE AIR BAG CASE SUMMARY

CRASH													DRIVER						PASSENGER							
No.	Case Number	Case Status	Occupant Disposition	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Delta V (mph)	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Injuries	Injury Source	Age	Sex	Ht (in)	Wt (lbs)	Belt Use	Seat Loc.	Injuries	Injury Source
1	00-09-004C	AVAILABLE	NOT FATAL	Jan-00	Jan-00	MD	2000	MERCEDES-BENZ	S500	10LFEW3	8.3	25	FEMALE	65	160	YES	YES	KNEE BOLSTER	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
2	CA97020	AVAILABLE	NOT FATAL	May-96	May-97	NC	1996	MERCEDES-BENZ	E320	02RDEW4	UNK	61	MALE	71	195	YES	NO	FRONT - LEFT INSTRUMENT PANEL AND BELOW	58	FEMALE	61	140	YES	FR	YES	UNK
3	CA97027	AVAILABLE	NOT FATAL	May-97	Aug-97	MA	1995	VOLVO	850 SEDAN	NO IMPACT	NO IMPACT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	15	MALE	70	140	NO	FR	YES	SIDE AIR BAG
4	CA97032	AVAILABLE	NOT FATAL	Sep-97	Sep-97	NJ	1998	CADILLAC	DEVILLE	07LPES2	13	53	MALE	UNK	UNK	YES	NO	N/A	50	FEMALE	UNK	UNK	YES	FR	NO	N/A
5	CA97037	AVAILABLE	NOT FATAL	Oct-97	Oct-97	MO	1998	BMW	740IL	10LYEW3	12	46	FEMALE	67	140	YES	YES	KNEE BOLSTER	13	MALE	67	141	NO	2L	YES	AIR BAG - SIDE AIRBAG - LEFT SIDE
6	CA98003	AVAILABLE	NOT FATAL	Jan-98	Jan-98	AL	1998	MERCEDES-BENZ	ML320	00RDAO2	UNK	30	FEMALE	61	120	YES	YES	LEFT SIDE - LEFT SIDE HARDWARE OR ARMRESTS	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
7	CA98013	AVAILABLE	NOT FATAL	Dec-97	Mar-98	FL	1998	VOLVO	S90	09LPEW3	10-15	16	FEMALE	62	110	YES	YES	LEFT SIDE AIR BAG	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
8	IN95004	AVAILABLE	NOT FATAL	Nov-94	Feb-95	TX	1995	VOLVO	850	11LDEW3	20-25	41	FEMALE	65	125	YES	YES	AIR BAG - AIR BAG - DRIVER SIDE	10	FEMALE	64	130	YES	FR	NO	N/A

No.	Case Number	Case Status	Occupant Disposition	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Delta V (mph)	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Injuries	Injury Source	Age	Sex	Ht (in)	Wt (lbs)	Belt Use	Seat Loc.	Injuries	Injury Source
9	IN98008	AVAILABLE	NOT FATAL	Oct-97	Jan-98	AK	1997	MERCEDES-BENZ	E320	10LPEW2	10	48	FEMALE	64	128	NO	YES	DRIVER STEERING WHEEL RIM	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
10	DS97020	AVAILABLE	FATAL	Feb-97	Sep-97	CA	1995	VOLVO	850 WAGON	01RDEW2	8.2	37	FEMALE	62	115	NO	YES	OTHER	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
11	DS97023	AVAILABLE	NOT FATAL	Sep-97	Oct-97	CA	1996	MERCEDES-BENZ	E320	10LZEW3	12	17	FEMALE	66	106	YES	YES	IMPACT FORCES	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
12	97-49-150C	AVAILABLE	NOT FATAL	Sep-97	Oct-97	TX	1997	VOLVO	960	10LYEW3	13	48	MALE	66	200	YES	YES	LEFT SIDE IINTERIOR	45	FEMALE	65	130	YES	FR	YES	AIR BAG - AIR BAG - PASSENGER SIDE
13	DS98011	AVAILABLE	NOT FATAL	Mar-98	Mar-98	TX	1998	BMW	740I	02FZEW1	8	39	MALE	72	175	YES	YES	FLYING GLASS	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
14	96-05-066C	AVAILABLE	NOT FATAL	Jul-96	Jul-96	PA	1996	VOLVO	850	02RYAW4	15	29	FEMALE	66	128	YES	YES	STEERING WHEEL RIM	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
15	CA98023	AVAILABLE	FATAL	Mar-98	Apr-98	FL	1998	CADILLAC	DEVILLE	02RYEW4	19	62	MALE	72	190	YES	YES	LEFT SIDE - LEFT B - PILLAR	74	FEMALE	65	130	YES	FR	YES	RIGHT SIDE - RIGHT SIDE INTERIOR SURFACE, EXCLUDING
16	98-43-031F	AVAILABLE	NOT FATAL	Feb-98	Mar-98	NC	1998	VOLVO	S70	09LYEW2	9	40	FEMALE	64	119	YES	NO	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A	
17	CA98045	AVAILABLE	FATAL	Aug-98	Aug-98	OH	1997	CADILLAC	DEVILLE	LEFT SIDE	20.5	58	FEMALE	UNK	UNK	YES	YES	LEFT SIDE - LEFT SIDE INTERIOR SURFACE, EXCLUDING	64	MALE	UNK	UNK	YES	FR	NO	N/A

No.	Case Number	Case Status	Occupant Disposition	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Delta V (mph)	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Injuries	Injury Source	Age	Sex	Ht (in)	Wt (lbs)	Belt Use	Seat Loc.	Injuries	Injury Source
18	CA98041	AVAILABLE	NOT FATAL	Jul-98	Jul-98	AL	1998	MERCEDES-BENZ	ML320	FRONT/ ROLLOVER	UNK	40	FEMALE	UNK	UNK	YES	YES	WINDSHIELD	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
19	98-03-063A	AVAILABLE	FATAL	Sep-98	Oct-98	NY	1998	BMW	528i	00TDD04	UNK	26	MALE	72	209	NO	YES	OTHER	46	MALE	72	209	YES	FR	YES	RIGHT SIDE - RIGHT SIDE INTERIOR SURFACE, EXCLUDING
20	IN98029	AVAILABLE	FATAL	Nov-98	Dec-98	TX	1999	INFINITI	G20	10LYAW5	27.1	39	FEMALE	67	166	YES	YES	LEFT SIDE - LEFT SIDE HARDWARE OR ARMRESTS	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
21	98-41-086C	AVAILABLE	NOT FATAL	Jun-98	Jan-99	FL	1997	BMW	328i	10LYEW3	15	43	MALE	67	150	YES	YES	LEFT SIDE - LEFT B - PILLAR	89	FEMALE	58	100	YES	FR	YES	RIGHT SIDE - RIGHT SIDE INTERIOR SURFACE, EXCLUDING
22	98-43-280A	AVAILABLE	FATAL	Nov-98	Nov-98	NC	1997	MERCEDES-BENZ	SL320	09LYAW3	20	46	FEMALE	68	115	YES	YES	FRONT OF OTHER VEHICLE & LEFT SIDE INTRUDING DOOR	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
23	DS99017	AVAILABLE	NOT FATAL	Feb-99	Mar-99	AZ	1999	BMW	325i	09LZAW3	28.0	26	FEMALE	UNK	UNK	YES	YES	LEFT SIDE - LEFT SIDE INTERIOR SURFACE, EXCLUDING	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
24	IN99071	AVAILABLE	FATAL	Apr-99	Apr-99	IL	1999	TOYOTA	AVALON	03RDEW3	28.5	17	MALE	69	160	YES	YES	FRONT - CENTER INSTRUMENT PANEL AND BELOW	32	MALE	68	185	YES	FR	YES	RIGHT SIDE - RIGHT SIDE INTERIOR SURFACE, EXCLUDING
25	CA99019	AVAILABLE	FATAL	Jun-99	Jun-99	VA	1999	MERCEDES-BENZ	C280	00TPDO4	UNK	50	FEMALE	68	UNK	YES	YES	ROOF - ROOF OR CONVERTIBLE TOP	62	FEMALE	UNK	UNK	YES	FR	YES	RIGHT INTERIOR SURFACE
26	CA99020	AVAILABLE	NOT FATAL	Jul-99	Jul-99	NY	1999	BMW	M COUPE	00TPDO2	UNK	25	MALE	UNK	UNK	YES	YES	UNK	25	MALE	UNK	UNK	YES	FR	NO	N/A

No.	Case Number	Case Status	Occupant Disposition	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Delta V (mph)	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Injuries	Injury Source	Age	Sex	Ht (in)	Wt (lbs)	Belt Use	Seat Loc.	Injuries	Injury Source	
27	CA99021	AVAILABLE	NOT FATAL	Jul-99	Jul-99	NY	1997	CADILLAC	DEVILLE	10LYEW2	17	88	MALE	72	180	YES	YES	LEFT DOOR/ SHOULDER BELT	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A	
28	98-09-904E	AVAILABLE	NOT FATAL	Oct-98	Oct-98	MD	1998	VOLKSWAGEN	BEETLE	01FREE9	11	27	MALE	69	185	NO	YES	INTERIOR - OTHER INTERIOR OBJECT (SPECIFY):	18	FEMALE	UNK	UNK	YES	FR	YES	AIR BAG - AIR BAG - PASSENGER SIDE	
29	IN99073	AVAILABLE	NOT FATAL	Apr-99	Apr-99	TX	1998	VOLVO	C70	NO IMPACT	NO IMPACT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	79	FEMALE	64	170	NO	FR	YES	SEAT MOUNTED AIR BAG
30	99-79-058A	AVAILABLE	FATAL	May-99	May-99	CA	1998	TOYOTA	CAMRY	12FRAA9	UNK.	17	FEMALE	64	119	NO	YES	FLYING GLASS	17	FEMALE	67	126	YES	FR	YES	REAR SURFACE	
31	99-43-021G	UNDER REVIEW	UNK	Jan-99	Jan-99	NC	1997	BMW	5-SERIES	02RFWE2	7	UNK	UNK	UNK	UNK	UNK	UNK	UNK	UNK	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
32	98-43-319E	ACTIVE	NOT FATAL	Dec-98	Dec-98	NC	1999	VOLKSWAGEN	PASSAT	09LYEW2	14	30	MALE	70	130	YES	YES	INTERIOR - BELT RESTRAINT WEBBING / BUCKLE	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A	
33	99-09-032C	AVAILABLE	NOT FATAL	Mar-99	Mar-99	MD	1998	TOYOTA	COROLLA	12FLEE9	13	19	MALE	64	119	YES	YES	AIR BAG - AIR BAG - DRIVER SIDE	18	FEMALE	UNK	UNK	YES	FR	YES	AIR BAG - AIR BAG - PASSENGER SIDE	
34	99-09-071J	AVAILABLE	NOT FATAL	Jun-99	Jun-99	MD	1998	TOYOTA	CAMRY	10LZAW4	17	43	FEMALE	65	209	YES	YES	BELT RESTRAINT	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A	
35	99-11-082E	AVAILABLE	NOT FATAL	May-99	May-99	MI	1997	BMW	740IL	03RYEW3	10	32	MALE	70	181	YES	NO	N/A	41	MALE	67	159	YES	FR	YES	INTERIOR - BELT RESTRAINT WEBBING / BUCKLE	

No.	Case Number	Case Status	Occupant Disposition	Crash Date	Invest. Date	St.	Model Year	Vehicle Make	Vehicle Model	Plane (CDC)	Delta V (mph)	Age	Sex	Ht. (in.)	Wt. (lbs.)	Belt Use	Injuries	Injury Source	Age	Sex	Ht (in)	Wt (lbs)	Belt Use	Seat Loc.	Injuries	Injury Source
36	99-11-117C	AVAILABLE	NOT FATAL	Jul-99	Jul-99	MI	1998	MERCEDES-BENZ	ML320	10LPEW3	17	30	FEMALE	68	140	YES	YES	LEFT ROOF SIDE RAIL	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
37	99-12-081G	AVAILABLE	NOT FATAL	May-99	May-99	MI	1998	OLDSMOBILE	SILHOUETTE	11LZEW2	8	36	MALE	66	209	YES	NO	N/A	36	FEMALE	65	150	YES	FR	NO	N/A
38	99-13-079E	AVAILABLE	NOT FATAL	May-99	May-99	MI	1998	NISSAN	MAXIMA	01RDAW1	19	63	MALE	64	163	YES	YES	DRIVER'S AIR BAG	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
39	99-41-042J	AVAILABLE	NOT FATAL	Mar-99	Mar-99	FL	1998	TOYOTA	AVALON	03RYEW4	29	76	MALE	UNK	UNK	YES	UNK	UNK	41	FEMALE	UNK	UNK	YES	FR	YES	UNK
40	IN99114	AVAILABLE	NOT FATAL	Dec-99	Jan-00	IA	1999	PONTIAC	MONTANA	09LYEW3	14.6	37	FEMALE	67	196	YES	YES	DOOR PANEL INTRUSION	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
41	CA99026	AVAILABLE	NOT FATAL	Jul-99	Jul-99	TN	1998	LEXUS	LS400	10LYAW3	20	41	FEMALE	66	UNK	YES	YES	IMPACT FORCES	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
42	CA99075	AVAILABLE	FATAL	Dec-99	Dec-99	NJ	2000	CADILLAC	SLS	09LPEW4	24	88	MALE	67	185	NO	YES	IMPACT FORCES AND INTRUSION OF THE LEFT DOOR PANEL	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
43	CA00016	AVAILABLE	NOT FATAL	Nov-98	May-00	CA	1997	CADILLAC	DEVILLE	09LPEW3	15.0	76	MALE	74	180	YES	YES	AIR BAG - SIDE AIR BAG COMPARTMENT COVER - LEFT SIDE	76	FEMALE	UNK	UNK	YES	FR	YES	UNK
44	00-09-071C	AVAILABLE	NON-FATAL	May-00	May-00	MD	2000	LINCOLN	TOWN CAR	09LPAW4	23.6	17	MALE	68	150	NO	YES	LEFT SIDE INTERIOR SURFACES	17	MALE	71	219	NO	FR	YES	DRIVER

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45	DS00015	AVAILABLE	NOT FATAL	May-00	Aug-00	CA	1999	PORSCHE	BOXTER	10LZEW1	4.7	5	MALE	68	200	YES	YES	AIR BAG - SIDE AIRBAG - LEFT SIDE	31	FEMALE	63	120	YES	FR	NO	N/A
46	00-74-008E	AVAILABLE	NOT FATAL	Jan-00	Jul-00	NE	2000	HONDA	ACCORD	10LYEW3	15	31	FEMALE	65	141	YES	YES	RESTRAINT WEBBING	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
47	99-79-176A	AVAILABLE	FATAL	Dec-99	Dec-99	CA	1996	VOLVO	850	01RYAW4	27	72	FEMALE	61	130	YES	YES	OTHER OCCUPANT	72	FEMALE	66	150	YES	FR	YES	RIGHT SIDE INTERIOR SURFACE
48	99-11-205J	AVAILABLE	FATAL	Dec-99	Dec-99	MI	1998	VOLKSWAGEN	BEETLE	09LPAW3	13	33	MALE	69	155	NO	YES	LEFT SIDE - INTERIOR SURFACES / GROUND	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
49	CA01021	AVAILABLE	NOT FATAL	Jan-01	Feb-01	NJ	2000	BMW	328CI	10LPAW4	19.5	25	MALE	72	185	NO	YES	LEFT SIDE - LEFT SIDE HARDWARE OR ARMRESTS	26	MALE	UNK	UNK	NO	FR	NO	N/A
50	99-04-051J	AVAILABLE	NOT FATAL	Aug-99	Aug-99	NJ	1999	VOLKSWAGEN	JETTA	10LPAN3	13	21	MALE	UNK	UNK	NO	YES	LEFT SIDE INTERIOR SURFACES	19	FEMALE	UNK	UNK	YES	FR	UNK	UNK
51	99-82-120K	AVAILABLE	NOT FATAL	Nov-99	Jan-01	WA	1998	VOLKSWAGEN	PASSAT	11LPEW2	9	54	MALE	70	174	YES	NO	N/A	11	MALE	62	130	YES	FR	YES	INTERIOR SURFACES
52	99-08-167C	AVAILABLE	NOT FATAL	Sep-99	Jan-01	PA	1998	JAGUAR	XJ8	02RYEW4	21	25	MALE	UNK	UNK	NO	UNK	UNK	29	MALE	UNK	UNK	NO	FR	YES	B-PILLAR
53	CA01028	AVAILABLE	NOT FATAL	May-01	May-01	NY	2001	BMW	325XI	09LYEW2	9	17	FEMALE	68	100	YES	YES	LEFT SIDE INTERIOR SURFACES	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A

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54	CA01041	AVAILABLE	NOT FATAL	Feb-01	Jul-01	NY	2001	VOLKSWAGEN	PASSAT	09LPEN2	3.3	43	MALE	70	200	YES	YES	AIR BAG - INFLATABLE CURTAIN - LEFT SIDE	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
55	CA01018	AVAILABLE	NON-FATAL	Jan-01	Jan-01	MI	2000	MERCEDES-BENZ	E320	09LBEW2	9	46	FEMALE	UNK	UNK	YES	NO	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A	
56	CA01047	AVAILABLE	NON-FATAL	Oct-01	Oct-01	MI	2000	PONTIAC	MONTANA	09LYAW2	7.0	61	MALE	73	175	YES	YES	LEFT SIDE - LEFT SIDE HARDWARE OR ARMRESTS	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
57	DS98131	UNDER REVIEW	NON-FATAL	Jun-98	Mar-99	NJ	1998	BMW	328i	07LYEW2	14	21	MALE	70	210	NO	YES	LEFT SIDE AIR BAG	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
58	99-75-176G	AVAILABLE	NON-FATAL	Dec-99	Jan-00	CO	1999	VOLKSWAGEN	JETTA	12FLEE9	UNK	49	MALE	UNK	UNK	YES	UNK	UNK	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
59	CA01013	AVAILABLE	NON-FATAL	Jan-01	Jan-01	NJ	2001	GMC	YUKON	10LZEW2	7	37	FEMALE	62	115	YES	NO	N/A	60	FEMALE	69	125	YES	FR	NO	N/A
60	CA01012	AVAILABLE	NON-FATAL	Jan-01	Jan-01	NJ	2000	INFINITI	I30	09LYEW1	8	50	FEMALE	66	160	YES	NO	N/A	51	MALE	71	210	NO	FR	YES	RIGHT INTERIOR SURFACE
61	CA01050	AVAILABLE	NON-FATAL	Nov-01	Dec-01	NY	2001	HONDA	CIVIC	08LPEW3	22.4	50	FEMALE	66	163	YES	YES	LEFT SIDE - LEFT SIDE HARDWARE OR ARMRESTS	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
62	CA01048	AVAILABLE	NON-FATAL	Oct-01	Nov-01	NJ	1999	BMW	328i	03RPEW2	9.0	22	MALE	UNK	UNK	YES	NO	N/A	21	FEMALE	UNK	UNK	YES	FR	NO	N/A

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63	CA01045	AVAILABLE	NON-FATAL	Aug-01	Oct-01	CO	2001	HONDA	CIVIC	00TDD02	UNK	19	MALE	72	155	YES	YES	LEFT SIDE - LEFT SIDE WINDOW GLASS	19	MALE	69	180	YES	FR	YES	RIGHT SIDE - RIGHT SIDE WINDOW GLASS
64	CA01019	AVAILABLE	NON-FATAL	Nov-00	Feb-01	NJ	1998	INFINITI	I30	10LYAW3	16	28	MALE	UNK	UNK	NO	YES	LEFT B-PILLAR	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
65	01-45-044A	AVAILABLE	FATAL	Apr-01	Apr-01	TN	2000	LINCOLN	TOWN CAR	02RZAW4	21	88	MALE	74	201	YES	YES	LEFT B-PILLAR	88	FEMALE	64	154	YES	FR	YES	RIGHT SIDE INTERIOR SURFACE
66	CA01044	AVAILABLE	FATAL	Jul-01	Aug-01	MI	2001	SATURN	SL1	04RZAW4	22.7	22	FEMALE	67	150	NO	UNK	UNK	57	FEMALE	67	149	NO	FR	YES	OTHER
67	00-12-177J	AVAILABLE	NON-FATAL	Oct-00	Oct-00	MI	2000	CHEVROLET	VENTURE	02RYEW4	15	42	FEMALE	68	106	YES	YES	RESTRAINT WEBBING	14	MALE	65	140	YES	FR	YES	RIGHT INTERIOR SURFACE
68	01-74-010J	AVAILABLE	NON-FATAL	Jan-01	Feb-01	NE	2001	VOLVO	V70	11LPAW3	UNK	48	FEMALE	62	106	YES	YES	LEFT SIDE INTERIOR SURFACES	13	FEMALE	56	88	YES	FR	NO	N/A
69	99-05-103G	AVAILABLE	NON-FATAL	Sep-99	Sep-99	PA	2000	MERCEDES-BENZ	S430	11LYEW1	8	43	MALE	74	194	YES	YES	AIR BAG - SIDE AIRBAG - LEFT SIDE	11	MALE	59	66	YES	FR	NO	N/A
70	CA02029	ACTIVE	NON-FATAL	Jul-02	Jul-02	VA	2002	VOLKSWAGEN	PASSAT	10LPEW4	11.0	41	FEMALE	UNK	UNK	YES	NO	N/A	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
71	CA02023	UNDER REVIEW	NON-FATAL	Jun-02	Jul-02	PA	1999	AUDI	A6	07LYAW2	13.6	46	MALE	TBD	TBD	YES	TBD	TBD	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A

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72	CA02024	AVAILABLE	NON-FATAL	May-02	Jul-02	NC	2001	VOLVO	V70	10LZEW2	8.7	46	FEMALE	64	145	YES	YES	AIR BAG - SIDE AIRBAG - LEFT SIDE	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
73	IN02002	ACTIVE	FATAL	Jul-02	Jul-02	IL	2001	CHEVROLET	IMPALA	10LPEW4	24.9	54	MALE	72	190	YES	YES	TBD	54	FEMALE	60	140	YES	FR	YES	TBD
74	DS02017	AVAILABLE	NON-FATAL	Jun-02	Aug-02	CA	2002	TOYOTA	CAMRY	09LZEW2	TBD	57	FEMALE	61	110	YES	YES	LEFT SIDE - LEFT SIDE INTERIOR SURFACE, EXCLUDING	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
75	DS02018	ACTIVE	NON-FATAL	Jun-02	Aug-02	CA	2002	LEXUS	GS300	10LPEW3	12.4	31	MALE	TBD	TBD	YES	TBD	TBD	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
76	CA97011	AVAILABLE	NON-FATAL	Dec-96	Jul-02	NE	1997	BMW	528i	02RZAW3	16.0	39	MALE	71	190	NO	YES	FRONT - MIRROR	3	MALE	36	32	NO	FR	YES	AIR BAG - SIDE AIR BAG COMPARTMENT COVER - RIGHT SIDE
77	CA02042	ACTIVE	NON-FATAL	Sep-02	Oct-02	PA	2000	VOLVO	S80	02RPEW2	13.7	41	MALE	UNK	UNK	YES	NO	N/A	8	MALE	UNK	UNK	YES	2R	NO	N/A
78	DS02022	AVAILABLE	NON-FATAL	Oct-02	Nov-02	CA	2001	SATURN	SL2	09LYEW3	13.7	38	MALE	70	160	YES	YES	LEFT SIDE - LEFT SIDE INTERIOR SURFACE, EXCLUDING	22	MALE	73	170	YES	FR	YES	INTERIOR - BELT RESTRAINT WEBBING / BUCKLE
79	DS02021	AVAILABLE	NON-FATAL	Oct-02	Nov-02	CA	2002	KIA	OPTIMA	10LYEW3	14.3	39	MALE	70	145	NO	NO	N/A	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
80	CA02048	AVAILABLE	NON-FATAL	Oct-02	Oct-02	PA	2001	SAAB	9-5	10LPEW2	6.8	46	FEMALE	61	140	YES	NO	N/A	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A

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81	DS00020	AVAILABLE	NON-FATAL	Oct-00	Oct-00	WA	2000	VOLVO	V70XC	10LYEW2	6.2	42	MALE	67	190	YES	YES	AIR BAG - AIR BAG - DRIVER SIDE	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
82	IN02010	ACTIVE	NON-FATAL	Oct-02	Nov-02	TX	2003	FORD	EXPEDITION	00TDD03	UNK	29	FEMALE	62	140	YES	TBD	TBD	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
83	02-82-104F	AVAILABLE	NON-FATAL	Dec-02	Jan-03	WA	2003	VOLKSWAGEN	PASSAT	11FLEE1	6.0	22	MALE	72	195	YES	NO	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A	
84	CA03012	AVAILABLE	NON-FATAL	Feb-03	Feb-03	NY	2003	FORD	CROWN VICTORIA	11LPEW1	5.6	UNK	MALE	71	235	YES	NO	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A	
85	CA03021	UNDER REVIEW	NON-FATAL	Feb-03	Apr-03	MI	2002	CHEVROLET	VENTURE	10LZAW5	32.3	34	MALE	75	205	YES	YES	TBD	34	FEMALE	65	110	YES	FR	YES	TBD
86	CA03011	AVAILABLE	NON-FATAL	Jan-03	Sep-03	TN	2003	GMC	ENVOY	11LDAW3	UNK	54	MALE	70	212	YES	YES	OTHER	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
87	03-79-057E	AVAILABLE	NON-FATAL	Mar-03	Apr-03	CA	2003	VOLVO	XC90	00TDD02	UNK	46	FEMALE	62	119	YES	YES	OTHER	9	MALE	UNK	UNK	YES	FR	YES	OTHER
88	DS03027	AVAILABLE	NON-FATAL	Jun-03	Jul-03	CO	1999	BMW	328i	01FREE6	20.5	22	MALE	UNK	185	YES	YES	INTERIOR - BELT RESTRAINT WEBBING / BUCKLE	21	FEMALE	60	105	YES	FR	YES	RIGHT SIDE INTERIOR SURFACE
89	CA02030	AVAILABLE	NON-FATAL	Jul-02	Jul-02	NY	2001	BMW	740L	01RYEW3	11.7	49	MALE	70	180	YES	YES	UNK	11	FEMALE	58	98	NO	FR	YES	ROOF GLAZING

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90	02-04-076E	AVAILABLE	NON-FATAL	Oct-02	Nov-02	NJ	2003	BMW	525I	09LPAW3	UNK	17	MALE	66	110	YES	YES	INTERIOR - BELT RESTRAINT WEBBING / BUCKLE	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
91	DS02014	UNDER REVIEW	NON-FATAL	Jul-02	Jul-02	CO	2001	VOLKSWAGEN	JETTA	04RDAW3	UNK.	21	FEMALE	UNK	UNK	YES	YES	LEFT SIDE - LEFT SIDE WINDOW FRAME	24	MALE	UNK	UNK	YES	FR	YES	RIGHT SIDE - RIGHT SIDE INTERIOR SURFACE, EXCLUDIN
92	CA03050	ACTIVE	NON-FATAL	Aug-03	Sep-03	FL	2003	HYUNDAI	SANTE FE	09LDEW1	TBD	48	FEMALE	64	145	YES	YES	AIR BAG - SIDE AIRBAG - LEFT SIDE	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
93	IN03046	ACTIVE	NON-FATAL	Oct-03	Nov-03	MN	1998	NISSAN	MAXIMA	01RZAW2	8.5	16	MALE	69	138	YES	NO	N/A	17	MALE	68	210	YES	FR	YES	TBD
94	CA04002	ACTIVE	NON-FATAL	Jan-04	Jan-04	NY	2003	FORD	CROWN VICTORIA	10LPEW2	9.9	29	MALE	TBD	TBD	YES	YES	OTHER	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
95	CA04005	ACTIVE	FATAL	Feb-04	Feb-04	MD	2002	FORD	EXPLORER	89LPAW4	27.3	60	FEMALE	TBD	TBD	YES	YES	LEFT B - PILLAR	35	FEMALE	TBD	TBD	YES	FR	YES	INTERIOR - BELT RESTRAINT WEBBING / BUCKLE
96	CA04010	ACTIVE	NON-FATAL	Mar-04	Mar-04	NY	2003	FORD	EXPLORER	02RZEW1	11.2	46	FEMALE	TBD	TBD	YES	YES	TBD	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
97	04-74-059F	ACTIVE	NON-FATAL	Mar-04	May-04	NE	2000	CHEVROLET	IMPALA	11LZEW3	9.9	57	FEMALE	68	134	YES	YES	AIR BAG - SIDE AIRBAG - LEFT SIDE	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
98	CA04015	UNDER REVIEW	NON-FATAL	Mar-04	Apr-04	PA	2002	GMC	YUKON	09LPAW3	11.4	38	FEMALE	TBD	TBD	NO	TBD	TBD	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A

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99	CA02036	AVAILABLE	NON-FATAL	Apr-99	Apr-02	FL	1999	PORSCHE	911	12RPLS1	UNK	42	MALE	UNK	UNK	NO	YES	FRONT - LEFT INSTRUMENT PANEL AND BELOW	52	MALE	UNK	UNK	YES	FR	YES	CENTER INSTRUMENT PANEL
100	IN04013	ACTIVE	FATAL	Apr-04	May-04	NE	2002	VOLKSWAGEN	PASSAT	00TDD03	UNK	37	FEMALE	66	300	NO	YES	TBD	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
101	DS04009	ACTIVE	NON-FATAL	May-04	May-04	CA	2003	FORD	EXPEDITION	TBD	UNK	47	MALE	TBD	TBD	YES	NO	N/A	10	MALE	TBD	TBD	YES	2L	NO	N/A
102	DS04020	ACTIVE	NON-FATAL	Aug-04	Sep-04	WA	2004	HONDA	ACCORD	09LPEW3	16.2	36	FEMALE	TBD	TBD	YES	YES	TBD	60	FEMALE	TBD	TBD	YES	FR	YES	TBD
103	04-82-082B	ACTIVE	NON-FATAL	Aug-04	Sep-04	WA	2004	ACURA	MDX	02RZEW2	10.6	49	FEMALE	66	238	YES	YES	TBD	49	FEMALE	64	119	YES	FR	NO	N/A
104	IN04026	ACTIVE	FATAL	May-04	Aug-04	OK	2002	LEXUS	IS300	10LYAW3	25.5	29	FEMALE	UNK	UNK	YES	YES	TBD	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A
105	DS03030	AVAILABLE	NON-FATAL	Aug-03	Sep-03	CO	2003	MINI	COOPER	00TDZO2	UNK	53	MALE	70	180	YES	YES	RIGHT SIDE - RIGHT SIDE WINDOW GLASS	52	MALE	73	210	YES	FR	NO	N/A
106	DS04016	ACTIVE	NON-FATAL	Jul-04	Jul-04	CA	2003	FORD	EXPEDITION	00TDD03	UNK	27	MALE	TBD	TBD	TBD	YES	TBD	32	MALE	TBD	TBD	TBD	FR	YES	TBD
107	DS04017	ACTIVE	NON-FATAL	Jun-04	Jul-04	NM	2004	FORD	EXPEDITION	00TDD03	UNK	48	MALE	TBD	TBD	YES	YES	TBD	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A

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108	DS04022	ACTIVE	NON-FATAL	Nov-04	Nov-04	CO	2004	SATURN	VUE	12FLEE4	TBD	17	FEMALE	TBD	TBD	YES	TBD	TBD	15	FEMALE	TBD	TBD	YES	FR	TBD	TBD
109	CA02023	UNDER REVIEW	NON-FATAL	Jun-02	Jun-02	PA	1999	AUDI	A6	07LYAW2	14.3	46	FEMALE	UNK	UNK	YES	YES	FRONT - STEERING WHEEL HUB/SPOKE	N/A	N/A	N/A	N/A	N/A	FR	N/A	N/A

REPORT NOTES

- ACTIVE – INVESTIGATION INITIATED AND CONTINUING; REPORT NOT YET RECEIVED AT NHTSA
- UNDER REVIEW – INVESTIGATION COMPLETE; REPORT UNDER REVIEW BY NHTSA STAFF; REPORT NOT AVAILABLE
- AVAILABLE – REPORT REVIEW COMPLETE; REPORT PLACED IN PUBLIC FILE AND AVAILABLE FROM OUR WEBSITE:
[HTTP://WWW-NRD.NHTSA.DOT.GOV/DEPARTMENTS/NRD-30/NRSA/SCI.HTML](http://www-nrd.nhtsa.dot.gov/departments/nrd-30/nrsa/sci.html)
- TBD – TO BE DETERMINED
- UNK – UNKNOWN
- N/A - NOT APPLICABLE
- LOC – LOSS OF CONSCIOUSNESS
- NFS – NOT FURTHER SPECIFIED
- PAB FLAP - PASSENGER'S AIR BAG COVER FLAP
- DAB - DRIVER'S AIR BAG
- PAB - PASSENGER'S AIR BAG
- FX – FRACTURE