

October, 1, 2004

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

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	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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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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	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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	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 HEMORRHAGE	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 HEMORRHAGE	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 HEMORRHAGE	PAB; CHILD SEAT BACK

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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 SUBARACHNOID 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