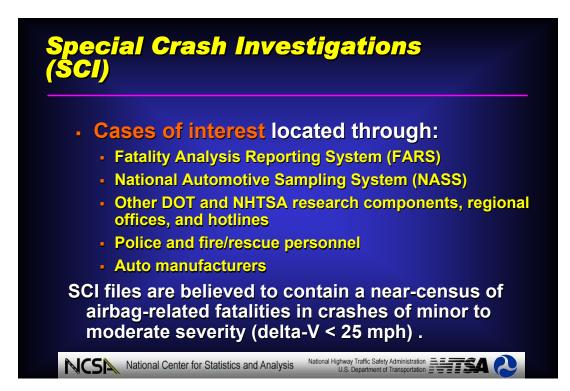


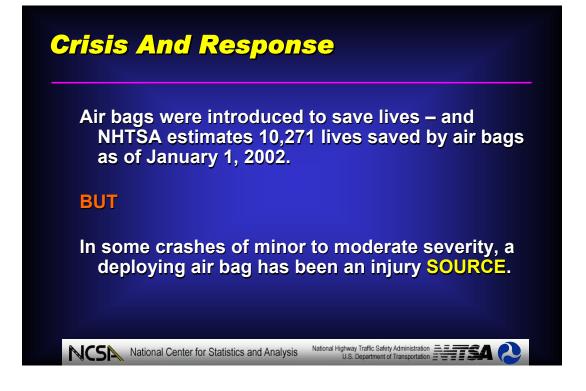
Collecting Data on Air Bag Crashes

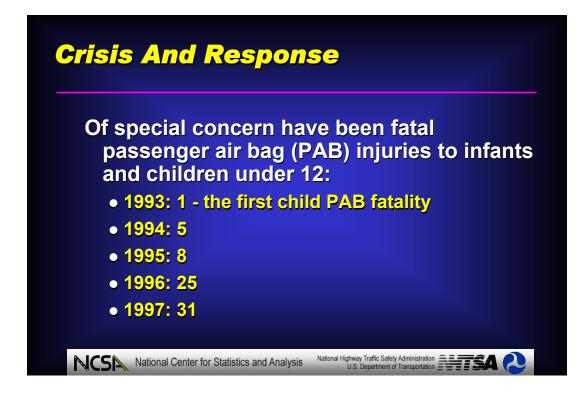
- The Special Crash Investigations (SCI) program is a component of the the National Center for Statistics and Analysis (NCSA) in the National Highway Traffic Safety Administration (NHTSA)
- SCI researchers perform special, intensive investigations of crashes selected for high interest
- Airbag-related fatal and serious injury cases are of particularly high interest

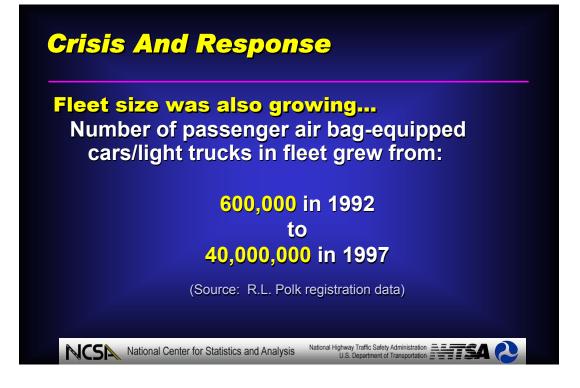
National Highway Traffic Safety Administration

NCSN National Center for Statistics and Analysis











Responses to the crisis:Public education

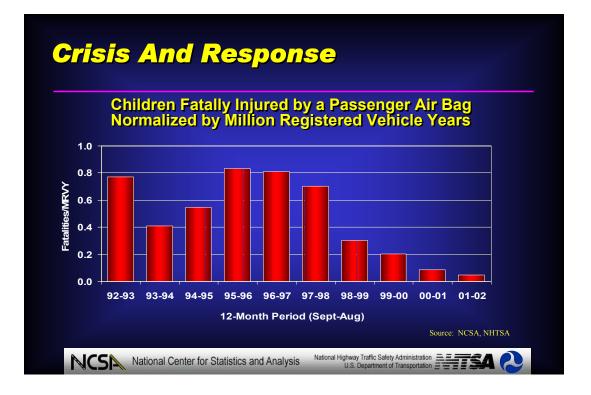
- 1996: Safety campaigns launched by NHTSA and its partners – manufacturers, insurance companies, and other organizations
 - A primary message:
 Children 12 and under are safer in the back

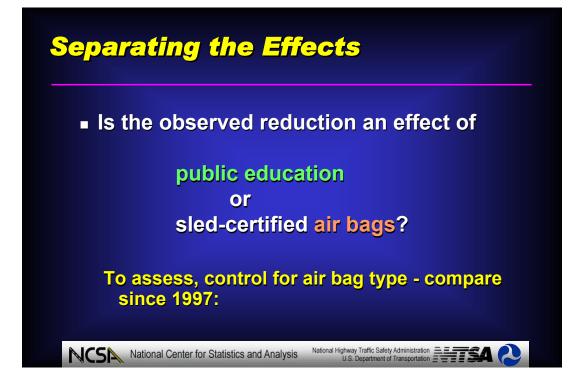
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Crisis And Response

		MRVY	Fatals/ MRVY	Period (Sept- Aug)	Child PAB Fatals	MRVY	Fatals/ MRVY
92-93	1	1.294	.773	97-98	34	48.303	.704
93-94	2	4.893	.409	98-99	19	63.018	.302
94-95	7	12.797	.547	99-00	16	78.718	.203
95-96	19	22.801	.833	00-01	8	94.140	.085
96-97	28	34.562	.810	01-02	5	108.701	.046



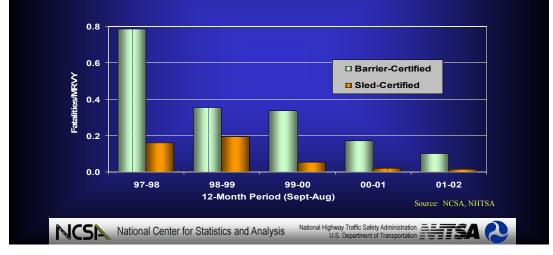


Separating the Effects

Non-Redesigned				Redesigned			
12-Month Period (Sept- Aug)	Child PAB Fatals	MRVY	Fatals/ MRVY	12-Month Period (Sept- Aug)	Child PAB Fatals	MRVY	Fatals/ MRVY
97-98	33	42.006	0.786	97-98	1	6.297	0.159
98-99	15	42.429	0.354	98-99	4	20.588	0.194
99-00	14	41.689	0.336	99-00	2	37.029	0.054
00-01	7	40.685	0.172	00-01	1	53.455	0.019
01-02	4	39.395	0.102	01-02	1	69.306	0.014

Separating the Effects

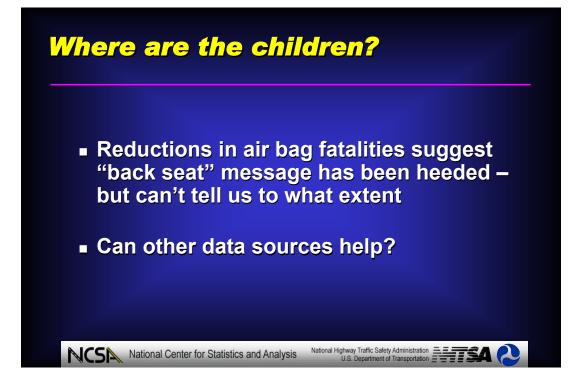
Children Fatally Injured by a PAB: Barrier-Certified vs. Sled-Certified Normalized by MRVY

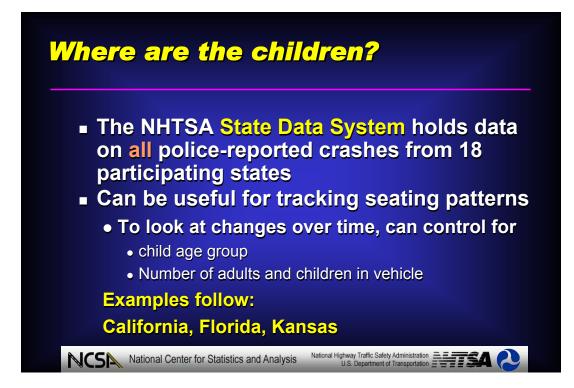


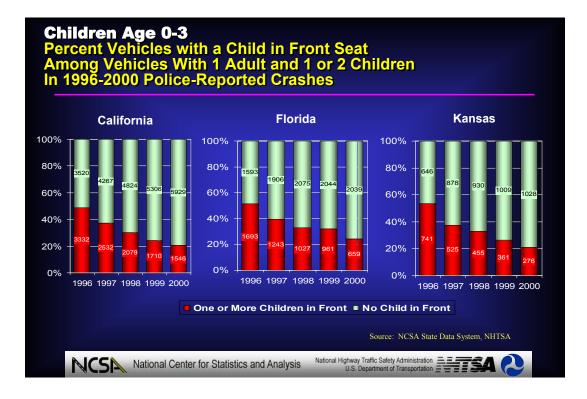
Separating the Effects

Public education effect – across years

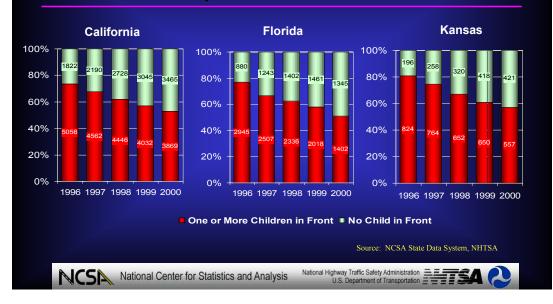
- Redesign effect within years
- Graph suggests both effects are positive.

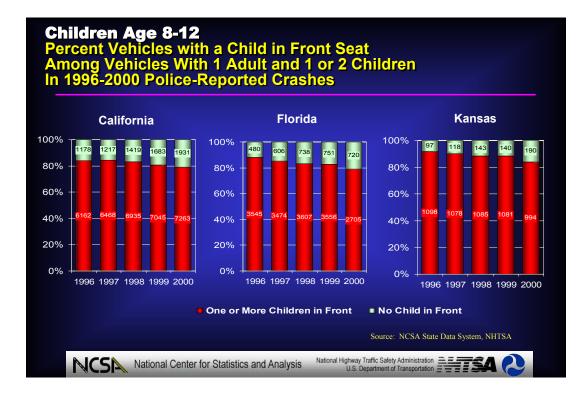




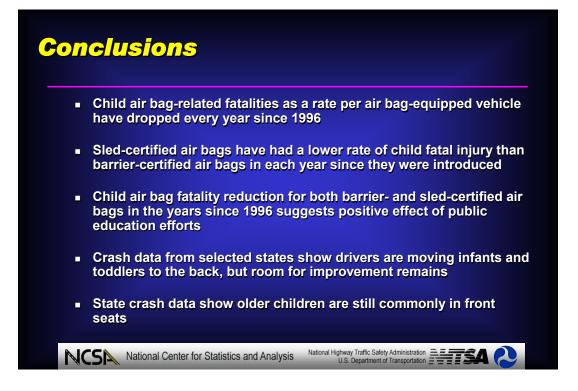


Children Age 4-7 Percent Vehicles with a Child in Front Seat Among Vehicles With 1 Adult and 1 or 2 Children In 1996-2000 Police-Reported Crashes









NHTSA SCI Web Site

http://wwwnrd.nhtsa.dot.gov/departments/nrd-30/ncsa/SCI.html

- Summary tables and quarterly charts
- Full case studies for all published cases
- Query interface

National Center for Statistics and Analysis National Highway Traffic Safety Administration