





Euro NCAP´s	Members Dest				
Serec C	ADAC (Allgemeiner Deutscher Automobil Club)				
EURO	• BMVBS (German MOT represented by BASt)				
www.euroncap.com	 DfT (Department for Transport, UK) 				
7 Governments	Dutch Ministry of Transport (NL)				
5 NGU S	• European Commission (no member !)				
	 FIA Foundation (Federation International de L'automobile) 				
Generalitat de Catalunya (ES)					
 ICRT (International Consumer Research and Testing) 					
Ministère de l'Equiment (F)					
	 SRA (Swedish Road Administration) 				
	 Thatcham (representing British car insurers) 				
	Luxembourg (new member!)				
ADAC	Thatcham 🤌 kerner a stater				
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Background / Ac	cident Data		bast Bardecandell (dr Stacharsecon		
Doc Fi-07-03e Fron	Doc Fi-07-03e Frontal Impact Group				
European Commission fr Initial results and way fo David Richards on behal	European Commission frontal impact accident analysis study – Initial results and way forwards; David Richards on behalf of TRL, BASt and LAB				
Frontal Impact dataset (Identification of target po Rear seat occupant Frontal	Frontal Impact dataset (2008) GB and FR) Identification of target populations Rear seat occupant Frontal impact dataset (2008)				
Position All	Position All	10.00			
Fatal Serious Slight 526 4730 43467 Driver (72%) (67.6%) (67.7%) 142 1455 1307 (50.7%) FSP (19.4%) (20.3%) (20.7%) 63 807 7366 (8.6%) (11.5%)	Fatal Seriou 1054 6526 Driver (75%) (50%) 198 1983 FSP (14%) (20%) 136 1146 (10%) (12%)	s Skght 10397 (60%) 3000 (20%) 3824 (12%)			
Rear seat occupants 9-10% of fatalities in frontal impacts Bernd Lorenz 8. September 16					

Background / Accident Data	
Opportunities to Improve Rear Seat Child Safety; K. Digges, E. Sahraei, R. Samaha; Protection of children in cars, 2009	
 Findings: The benefit of the rear seat position has decreased in recent model year vehicles Paired comparison of FARS 1991-2007: all vehicle model years: fatality effectiveness of rear seat protection, compared to front seat protection: about 50% for restraint children < 8 years about 30% for restraint children 9 – 15 years 	
model years 2000 and later: average rear seat effectiveness was less than 10% (not statistically significant)	
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Background / Accident Data	ast
Opportunities to Improve Rear Seat Child Safety; K. Digges, E. Sahraei, R. Samaha; Protection of children in cars, 2009	
Reasons:	
 newer vehicles have become stiffer safety design of newer vehicles may be beneficial to front occupants (advanced air bag- and belt systems) advanced restraint technology has not been introduced in the rear seat 	
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	Backgroun	d / Accide	ent Data			Bundesse shell for Shellar secon
GI •	DAS All accident	s in GIE	DAS fror	n 2001 to	2008:	
		All	All [%]	Fatal [%]		
	Driver	14866	68%	77,9%		
	Front Passenger	4605	21%	13,9%		
	Rear Passenger	2397	11%	8,2%		
	Total	21868	100%	100%		
				·		
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Child Safety	Working Group	
 Mandated by BoD in June Chaired by Bernd Lorenz Secretary Britta Schnottal 	e (BASt)	
 Delegates/members: Meetings: 1st July 2009 29th September 2009 23rd November 2009 16th February 2010 15th April 2010 1st/2nd June 2010 Work 	 Andreas Ratzek / Volker Sandner (ADAC) Jim Hand (DfT) Rob Wegman (Dutch MOT) Michiel van Ratingen / James Ellway (Euro NCAP) Ronald Vroman (ICRT) Hans Ammerlaan (RDW) Anders Lie (SRA) Francois Minne (UTAC) Fahrid Bendjellal / Francois Renaudin (CLEPA) Christoph Weimar / Joachim Fausel (ACEA/JAMA/KAMA)
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