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How safe are children in cars on European roads?

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SafetyNet



- **Integrated EU project**
- **European Road Safety Observatory**
www.erso.eu
- **22 institutes from 17 countries**



CARE database

- **Work package 1**
 - Developing and exploiting CARE
- **European road accident database**
- **National datasets integrated into CARE**
- **Transformation rules applied**
- **High level of disaggregation**



CARE data

- Austria**
- Belgium**
- Denmark**
- Estonia***
- Finland**
- France**
- Greece**
- Hungary***
- Ireland**
- Italy**
- Luxembourg**
- Malta***
- The Netherlands**
- Poland***
- Portugal**
- Spain**
- Sweden**
- UK**

* new data from 2005

Traffic Safety Basic Facts 2006
Children (Aged <16)

In this Basic Fact Sheet, 'children' are defined as those who are aged below 15 years. (The age at which people are allowed to drive a motor vehicle varies across the EU, but 14 and 15 year olds appear, on the whole, to fit into this group rather than with 'young people'.) Children tend to be thought of as innocent victims of road accidents more often than is the case for adults.

The number of children killed in road traffic accidents fell from 1 848 in 1995 to 1 041 in 2004, a fall of more than 43%. Table 1 presents the number of children killed in each of the EU-14 countries for each year for which the data are available over the last ten years, with the totals presented in Figure 1¹.

Table 1: Fatalities aged <16 per country 1995-2004

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
EU-14	1 848	1 523	1 285	1 124	1 013	914	816	738	676	617
BE	35	31	21	24	22	23	21	18	16	15
DK	10	10	8	7	6	6	5	5	4	4
FR	24	20	18	14	14	14	13	11	10	10
GR	20	18	17	16	15	14	13	12	10	10
IE	40	40	40	40	42	41	43	38	34	33
IT	23	22	18	16	15	14	13	12	11	11
LU	2	2	1	1	1	1	1	1	1	1
NL	12	11	10	10	10	9	8	7	6	6
PT	15	14	13	12	11	10	9	8	7	7
ES	14	13	12	11	10	9	8	7	6	6
UK	64	57	48	48	51	50	54	53	48	45
EU-14	1 848	1 523	1 285	1 124	1 013	914	816	738	676	617
EU-18	1 934	1 613	1 349	1 174	1 052	949	849	769	707	647
EU-25	2 088	1 748	1 478	1 294	1 167	1 064	962	881	818	757
EU-27	2 208	1 872	1 574	1 387	1 254	1 148	1 044	962	900	839
EU-30	2 358	2 018	1 716	1 529	1 401	1 294	1 188	1 106	1 044	983
EU-32	2 508	2 168	1 866	1 679	1 551	1 444	1 338	1 256	1 194	1 133
EU-33	2 658	2 318	2 016	1 829	1 701	1 594	1 488	1 406	1 344	1 283
EU-35	2 808	2 468	2 166	1 979	1 851	1 744	1 638	1 556	1 494	1 433
EU-36	2 958	2 618	2 316	2 129	2 001	1 894	1 788	1 706	1 644	1 583
EU-38	3 108	2 768	2 466	2 279	2 151	2 044	1 938	1 856	1 794	1 733
EU-40	3 258	2 918	2 616	2 429	2 301	2 194	2 088	1 996	1 934	1 873
EU-42	3 408	3 068	2 766	2 579	2 451	2 344	2 238	2 156	2 094	2 033
EU-44	3 558	3 218	2 916	2 729	2 601	2 494	2 388	2 306	2 244	2 183
EU-46	3 708	3 368	3 066	2 879	2 751	2 644	2 538	2 456	2 394	2 333
EU-48	3 858	3 518	3 216	3 029	2 901	2 794	2 688	2 606	2 544	2 483
EU-50	4 008	3 668	3 366	3 179	3 051	2 944	2 838	2 756	2 694	2 633
EU-52	4 158	3 818	3 516	3 329	3 201	3 094	2 988	2 906	2 844	2 783
EU-54	4 308	3 968	3 666	3 479	3 351	3 244	3 138	3 056	2 994	2 933
EU-56	4 458	4 118	3 816	3 629	3 501	3 394	3 288	3 206	3 144	3 083
EU-58	4 608	4 268	3 966	3 779	3 651	3 544	3 438	3 356	3 294	3 233
EU-60	4 758	4 418	4 116	3 929	3 801	3 694	3 588	3 506	3 444	3 383
EU-62	4 908	4 568	4 266	4 079	3 951	3 844	3 738	3 656	3 594	3 533
EU-64	5 058	4 718	4 416	4 229	4 101	3 994	3 888	3 806	3 744	3 683
EU-66	5 208	4 868	4 566	4 379	4 251	4 144	4 038	3 956	3 894	3 833
EU-68	5 358	5 018	4 716	4 529	4 401	4 294	4 188	4 106	4 044	3 983
EU-70	5 508	5 168	4 866	4 679	4 551	4 444	4 338	4 256	4 194	4 133
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EU-74	5 808	5 468	5 166	4 979	4 851	4 744	4 638	4 556	4 494	4 433
EU-76	5 958	5 618	5 316	5 129	5 001	4 894	4 788	4 706	4 644	4 583
EU-78	6 108	5 768	5 466	5 279	5 151	5 044	4 938	4 856	4 794	4 733
EU-80	6 258	5 918	5 616	5 429	5 301	5 194	5 088	5 006	4 944	4 883
EU-82	6 408	6 068	5 766	5 579	5 451	5 344	5 238	5 156	5 094	5 033
EU-84	6 558	6 218	5 916	5 729	5 601	5 494	5 388	5 306	5 244	5 183
EU-86	6 708	6 368	6 066	5 879	5 751	5 644	5 538	5 456	5 394	5 333
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Basic Fact Sheets

- Reporting CARE data
- EU-14 from 1995
- EU-18 from 2005
- 2005 data
 - Luxembourg 2002
 - Ireland and The Netherlands 2003
 - Italy 2004

Traffic Safety Basic Facts 2006
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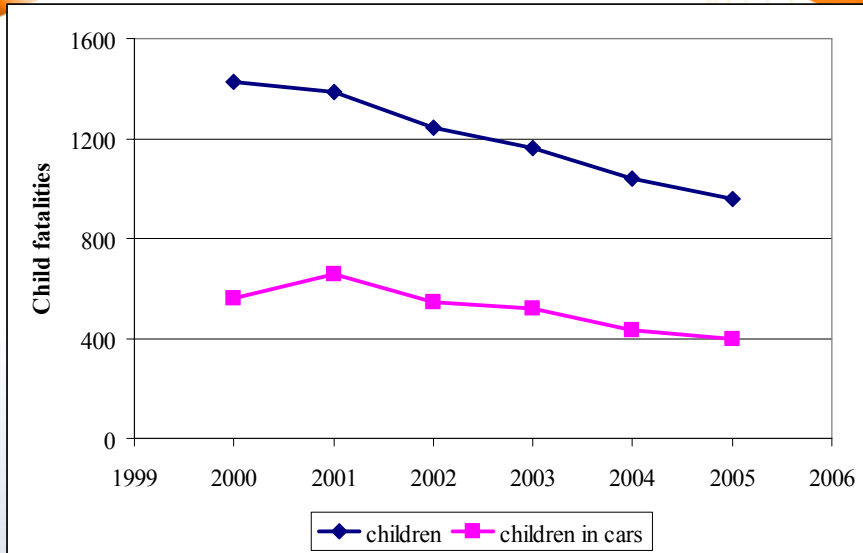
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Table 1: Fatalities aged <16 per country 1995-2004

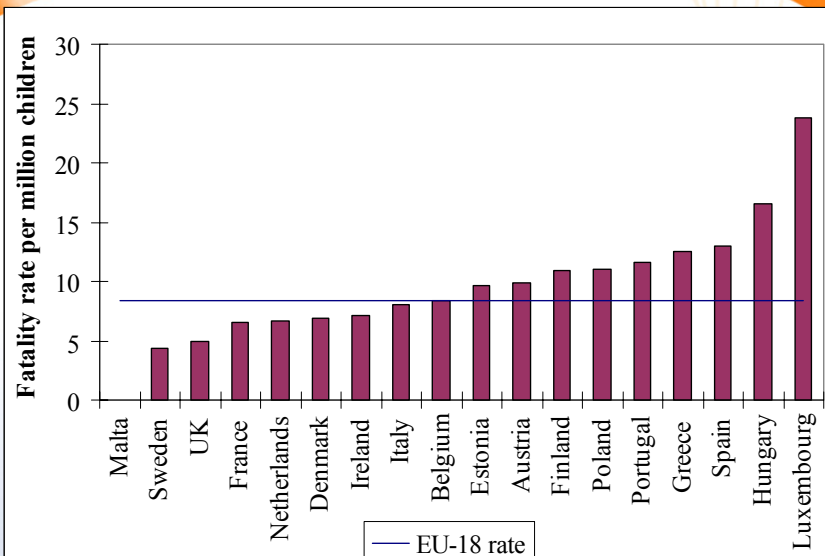
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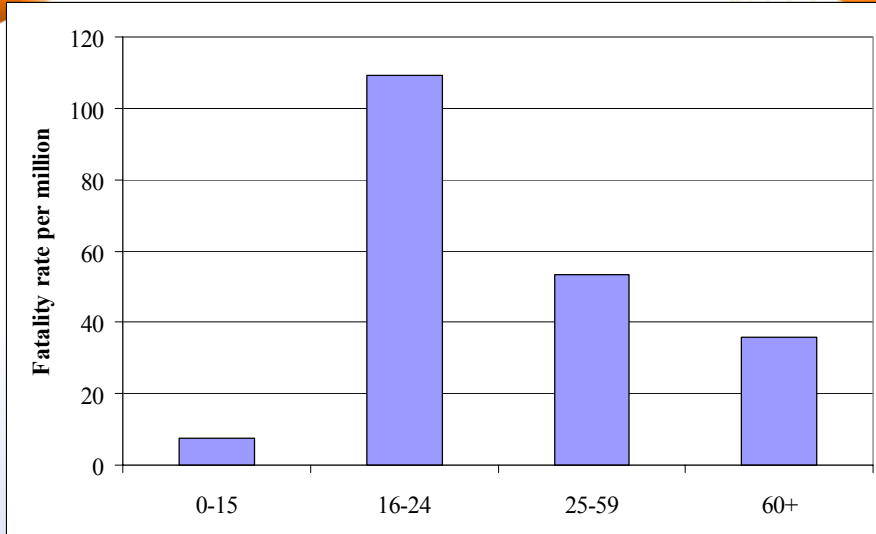
Child fatalities (EU-14)



Fatality rate of children in cars



Fatality rate of car occupants



Gender and age

- **54% of children killed in cars are male**
- **62% of children killed on roads are male**

- **30% children killed in cars are 0-4 years**
- **23% 5-9 year olds**
- **47% 10-15 year olds**
- **Smallest proportion of 0-4 year olds:**
Hungary
- **Smallest proportion of 10-15 year olds:**
Netherlands

Modes of transport

- **41% in car or taxi**
- **28% pedestrians**
- **Large proportion of remaining children riding mopeds or pedal cycles**

- **Highest proportion of child pedestrian fatalities:**
Malta and Ireland
- **Highest proportion of car or taxi child fatalities:**
Luxembourg and Hungary



Summary

- **Fatally injured children in EU-14 decreased steadily since 2000**
- **41% of fatally injured children were in cars**
- **23% of fatally injured children were pedestrians**
- **Age distribution: 30% 0-4 years, 47% 10-15 year olds**
- **Gender distribution: 54% of children killed in cars are male**
- **Children in cars less than a fifth of the risk of dying**





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