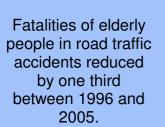


European Road Safety Observatory

In 2005¹, more than 4.900 seniors died in road traffic accidents in 14 European countries.



Traffic Safety Basic Facts 2007 The Elderly (Aged >64)

Due to their greater frailty, the elderly are more likely to be seriously injured in any given accident than younger people.

In 2005¹, 4.939 elderly people were killed in road traffic accidents in the EU-14² (EU-15 without Germany). This represents 19,0% of all fatalities in 2005. There was only a slight reduction of -0,9% of senior fatalities from 2004 to 2005. Table 1 presents the annual data by country that are available from CARE since 1996, with the totals¹ presented in Figure 1. The line is dashed for years where data up to 2005 is not available for all countries. Because the data for the new countries are only available for the year 2005, they are not considered in EU total trends.

Table 1: Elderly fatalities by country and year, 1996 – 2005¹

| | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BE | 267 | 237 | 260 | 233 | 238 | 264 | 210 | 240 | 201 | 186 |
| DK | 129 | 132 | 123 | 117 | 134 | 102 | 103 | 99 | 80 | 70 |
| EE | - | - | - | - | - | - | - | - | - | 20 |
| EL | 437 | 406 | 445 | 415 | 428 | 385 | 340 | 322 | 317 | 322 |
| ES | 855 | 900 | 890 | 910 | 849 | 867 | 835 | 817 | 746 | 719 |
| FR | 1.578 | 1.494 | 1.587 | 1.443 | 1.370 | 1.393 | 1.361 | 1.120 | 962 | 1.014 |
| IE | 61 | 66 | 80 | 71 | 44 | 47 | 60 | 53 | - | - |
| IT | 1.435 | 1.548 | 1.379 | 1.391 | 1.365 | 1.276 | 1.394 | 1.266 | 1.165 | - |
| LU | 3 | 9 | 7 | 7 | 10 | 7 | 5 | - | - | - |
| HU | - | - | - | - | - | - | - | - | - | 206 |
| MT | - | - | - | - | - | - | - | - | - | 3 |
| NL | 273 | 266 | 227 | 242 | 235 | 222 | 213 | 221 | - | - |
| AT | 195 | 212 | 208 | 225 | 190 | 186 | 211 | 197 | 177 | 151 |
| PL | - | - | - | - | - | - | - | - | - | 931 |
| PT | 485 | 441 | 365 | 340 | 342 | 320 | 304 | 304 | 230 | 222 |
| FI | 102 | 123 | 104 | 96 | 106 | 96 | 99 | 96 | 97 | 91 |
| SE | 181 | 171 | 148 | 173 | 154 | 147 | 139 | 118 | 139 | 104 |
| UK | 781 | 788 | 771 | 758 | 679 | 652 | 655 | 658 | 589 | 616 |
| EU-14 ¹ | 6.782 | 6.793 | 6.594 | 6.421 | 6.144 | 5.964 | 5.929 | 5.517 | 4.982 | 4.939 |
| Yearly ¹ Change | - | 0,2% | -2,9% | -2,6% | -4,3% | -2,9% | -0,6% | -7,0% | -9,7% | -0,9% |

Source: CARE Database / EC Date of query: October 2007

Children

Bicycles

Motorways

Junctions

Urban Areas

- ¹ Using latest data available, i.e. 2005 for all countries except LU (2002), IE and NL (2003) and IT (2004). The data from EE, HU, MT and PL are not considered.

² See table "Definition of EU-level and used Country abbreviations" on page 13





2005¹

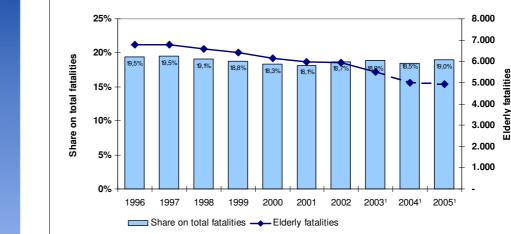


Figure 1: Number of elderly fatalities and their proportion on total fatalities in EU-14, 1996-

Nearly one in five road traffic fatalities is 65 or older.

> Source: CARE Database / EC Date of query: October 2007

The number of elderly fatalities in the EU-14 countries has decreased over the last decade, but the number in proportion to the total number of fatalities is stagnating.

Table 2 compares the fatality rates of elderly people and middleaged people (45-64 years) with the fatality rate of the whole population. The ratios of elderly to middle-aged and of elderly to all fatalities clearly show that the risk of being killed in an accident is higher for the elderly than for the middle-aged and that the elderly have a higher fatality risk than the average in almost all EU-14 countries. Some of the countries with the best overall road safety records, such as Sweden, Finland, The Netherlands and Denmark, have rather high proportions of elderly fatalities.

Car Occupants

Urban Areas





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In most European countries, the elderly are at greater risk of being killed in a road accident than the overall population. Middle-aged people (age 45-64) are at a lower risk of being killed than seniors.



 Table 2: Fatalities per million inhabitants (fatality rates) of the middle-aged and the elderly by country, 2005

| | Fatalities per n | nillion inhabitan | ts (fatality rate) | Compa | arisons |
|-------|------------------|-------------------|--------------------|-----------------|-------------------|
| | | | | Eldery/ | |
| | Middle-aged | Elderly | Total | Middle- aged | Elderly/ Total |
| BE | 91 | 103 | 104 | 1,13 | 0,99 |
| DK | 52 | 86 | 61 | 1,65 | 1,40 |
| EE | 143 | 89 | 126 | 0,63 | 0,71 |
| EL | 109 | 158 | 149 | 1,45 | 1,06 |
| ES | 96 | 99 | 102 | 1,04 | 0,97 |
| FR | 67 | 100 | 85 | 1,49 | 1,18 |
| IE** | 54 | 115 | 81 | 2,12 | 1,41 |
| IT* | 71 | 101 | 96 | 1,43 | 1,06 |
| LU*** | 80 | 76 | 136 | 0,95 | 0,56 |
| HU | 150 | 130 | 127 | 0,87 | 1,03 |
| МТ | 0 | 56 | 42 | - | 1,32 |
| NL** | 46 | 96 | 63 | 2,09 | 1,52 |
| AT | 79 | 113 | 93 | 1,43 | 1,21 |
| PL | 151 | 184 | 143 | 1,22 | 1,29 |
| PT | 112 | 123 | 118 | 1,11 | 1,04 |
| FI | 62 | 109 | 72 | 1,77 | 1,51 |
| SE | 46 | 67 | 49 | 1,44 | 1,37 |
| UK | 41 | 64 | 55 | 1,56 | 1,15 |
| EU-18 | 80 | 104 | 93 | 1,30 | 1,13 |

* Data from 2004 ** Data from 2003

*** Data from 2002

Source: CARE Database / EC Date of query: October 2007 Source of population data: EUROSTAT

The fatality rates for the middle-aged and the elderly are illustrated in Figure 2, with countries being sorted by the fatality rate for the elderly. Fatality rates, both for the elderly and for the middle-aged, vary greatly in the member states. In 2005 Poland and Greece have the highest rates of fatalities per million inhabitants for elderly.



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The rate of elderly fatalities per million inhabitants ranges from 56 in Malta to 184 in Poland.

EL 158 150 HU РТ IE** AT F BE IT* FR ES NL* EE 126 DK LU**' 136 SF UK мт EU-18 175 200 0 25 50 75 100 125 150 Fatalities/million inhabitants □ Middle-aged (age 45-64) ■ Elderly (age >64) □ All fatalities

Figure 2: Fatalities per million inhabitants for middle-aged, elderly and total fatalities, 2005

* Data from 2004

** Data from 2003 *** Data from 2002

PL

Source: CARE Database / EC Date of query: October 2007 Source of population data: EUROSTAT

Age and gender

Table 3 and Figure 3 give more details of the age groups and of gender distribution of elderly fatalities, using three age ranges. About two third (64%) of senior fatalities are men.

Table 3: Elderly fatalities by age group, by gender and by country, 2005

| | 65-74 years | 75-84 years | 85+ years | Elderly | fatalities (>64 | years) | Total |
|-------|-------------|-------------|------------|---------|-----------------|--------|------------|
| | fatalities | fatalities | fatalities | total | male | female | fatalities |
| BE | 90 | 83 | 13 | 186 | 102 | 84 | 1.089 |
| DK | 25 | 29 | 16 | 70 | 41 | 29 | 331 |
| EE | 13 | 7 | - | 20 | 13 | 7 | 169 |
| EL | 179 | 115 | 28 | 322 | 218 | 104 | 1.658 |
| ES | 384 | 274 | 61 | 719 | 475 | 244 | 4.442 |
| FR | 384 | 491 | 139 | 1.014 | 612 | 402 | 5.318 |
| IE** | 22 | 24 | 7 | 53 | 29 | 24 | 337 |
| IT* | 511 | 533 | 121 | 1.165 | 840 | 325 | 5.625 |
| LU*** | 3 | 2 | - | 5 | 2 | 3 | 62 |
| HU | 108 | 81 | 17 | 206 | 138 | 68 | 1.278 |
| МТ | 1 | 1 | 1 | 3 | 2 | 1 | 17 |
| NL** | 82 | 100 | 39 | 221 | 136 | 83 | 1.028 |
| AT | 71 | 57 | 23 | 151 | 100 | 51 | 768 |
| PL | 482 | 375 | 74 | 931 | 547 | 381 | 5.444 |
| PT | 146 | 67 | 9 | 222 | 161 | 60 | 1.247 |
| FI | 35 | 46 | 10 | 91 | 59 | 32 | 379 |
| SE | 39 | 49 | 16 | 104 | 70 | 34 | 440 |
| UK | 217 | 285 | 114 | 616 | 365 | 251 | 3.336 |
| EU-18 | 2.792 | 2.619 | 688 | 6.099 | 3.909 | 2.184 | 32.968 |
| Share | 46% | 43% | 11% | 100% | 64% | 36% | |

11% of all elderly fatalities are aged 85+.





*** Data from 2002

Source: CARE Database / EC Date of query: October 2007 Main Figures

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Motorways



Around two thirds of

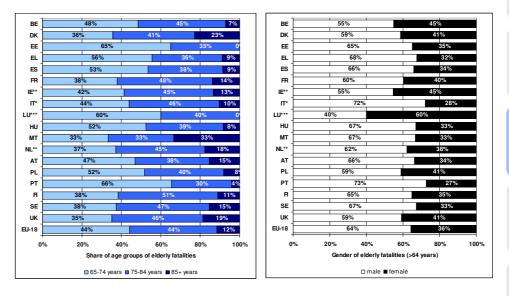
elderly people killed

in road accidents

are men.

Among the elderly, women are more likely to be killed in road accidents (36%) than within the whole population (23%). In Belgium, Denmark, France, Ireland, Luxembourg (due to small numbers not significant), Poland and the UK, the proportion of women among elderly fatalities is greater than 40%.

Figure 3: Elderly fatalities by age group, by gender and by country, 2005



Data from 2004 ** Data from 2003

*** Data from 2002

*

Source: CARE Database / EC Date of query: October 2007

Motorcycles & Mopeds

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| Elderly people |
|-----------------------|
| between 75 and 84 |
| years have the |
| highest death risk of |
| all elderly people. |



| | | Fatalities by r | million inhabit | tants |
|-------|-------------|-----------------|-----------------|------------------|
| | 65-74 years | 75-84 years | 85+ years | total population |
| BE | 94 | 123 | 75 | 104 |
| DK | 57 | 104 | 157 | 61 |
| EE | 98 | 93 | - | 126 |
| EL | 150 | 165 | 194 | 149 |
| ES | 101 | 104 | 75 | 102 |
| FR | 75 | 127 | 120 | 85 |
| IE** | 85 | 155 | 145 | 81 |
| IT* | 83 | 128 | 101 | 96 |
| LU*** | 83 | 85 | - | 136 |
| HU | 120 | 143 | 143 | 127 |
| МТ | 31 | 57 | 213 | 42 |
| NL** | 65 | 125 | 160 | 63 |
| AT | 101 | 114 | 171 | 93 |
| PL | 163 | 214 | 216 | 143 |
| PT | 143 | 108 | 57 | 118 |
| FI | 78 | 153 | 117 | 72 |
| SE | 51 | 85 | 72 | 49 |
| UK | 43 | 81 | 104 | 55 |
| EU-18 | 116 | 162 | 153 | 93 |

Table 4: Fatality rates of the elderly by age group and by country, 2005

Data from 2004 ** Data from 2003

*** Data from 2002 Source: CARE Database / EC Date of query: October 2007

The age group 75-84 years, compared to its proportion of the population, has the highest average fatality rate of all elderly people





More than one third of elderly people dying in road

> accidents were pedestrians (37,5%).

(162 fatalities by million inhabitants), followed by the oldest group aged 85+ (153). Also the fatality rate of people between 65 and 74 years (116) is higher than the fatality rate of the population as a whole (93). An explanation for the lower risk for people of 85 and more years might be the reduced mobility in this age group.

Road user type

Table 5 shows the distribution of elderly fatalities by road user type. About 37,5% of elderly fatalities were pedestrians. In Estonia, Malta, Hungary and Poland the share of senior pedestrian fatalities is high. The proportion of elderly fatalities who were car drivers ranged from almost 10% in Poland and Estonia up to nearly 40% in France, Sweden and Austria. The results from Table 5 are illustrated in Figure 4 (sorted by the share of killed senior pedestrians).

Table 5: Elderly fatalities by road user type, 2005

| | Pedestrian | Moped rider | Motor- | Car driver | Car | Others | Total |
|-------|------------|-------------|---------|------------|-----------|--------|--------|
| | | - | cyclist | | passenger | | |
| BE | 54 | 2 | - | 60 | 25 | 45 | 186 |
| DK | 18 | 5 | 1 | 23 | 10 | 13 | 70 |
| EE | 10 | 1 | - | 2 | 2 | 5 | 20 |
| EL | 126 | 16 | 18 | 63 | 54 | 45 | 322 |
| ES | 285 | 43 | 2 | 184 | 121 | 85 | 719 |
| FR | 325 | 17 | 19 | 398 | 168 | 87 | 1.014 |
| IE** | 22 | - | - | 14 | 7 | 10 | 53 |
| IT* | 381 | 69 | 27 | 346 | 158 | 184 | 1.165 |
| LU*** | 3 | - | - | 2 | - | - | 5 |
| HU | 90 | 9 | 1 | 32 | 19 | 55 | 206 |
| МТ | 2 | - | - | 1 | - | - | 3 |
| NL** | 39 | 27 | - | 44 | 24 | 87 | 221 |
| AT | 43 | 9 | 3 | 57 | 13 | 26 | 151 |
| PL | 512 | 12 | 4 | 96 | 94 | 213 | 931 |
| PT | 87 | 29 | - | 36 | 18 | 52 | 222 |
| FI | 20 | 1 | - | 24 | 15 | 31 | 91 |
| SE | 22 | - | 2 | 44 | 15 | 21 | 104 |
| UK | 250 | 1 | 16 | 189 | 102 | 58 | 616 |
| EU-18 | 2.288 | 240 | 93 | 1.615 | 845 | 1.018 | 6.099 |
| Share | 37,5% | 3,9% | 1,5% | 26,5% | 13,9% | 16,7% | 100,0% |

* Data from 2004 ** Data from 2003

*** Data from 2002

Source: CARE Database / EC Date of query: October 2007

ople Children

y Young People

Main Figures

Pedes trians

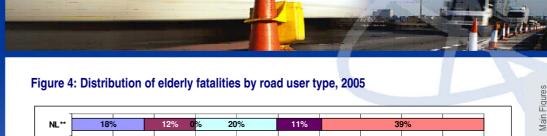
Urban Areas

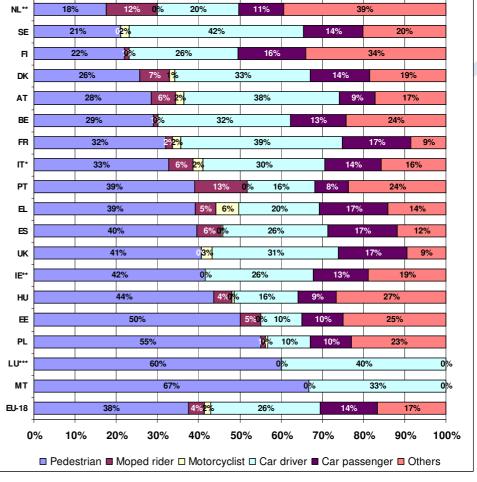


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About 40% of elderly fatalities died as car occupants.





- * Data from 2004
- ** Data from 2003

*** Data from 2002

Source: CARE Database / EC Date of query: October 2007

Table 6 shows the percentage of all elderly fatalities by road user type. The percentages reflect the reduced mobility options and the greater frailty of elderly persons. Across the 18 countries, about 40% of fatalities aged 65 years or older were pedestrians, the percentage being lowest in Poland, Estonia and Hungary.



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About two out of five elderly fatalities were pedestrian.



Table 6: Share of elderly fatalities on total fatalities by road user type by country, 2005

| | _ | | | | | | | |
|-------|------------|-------------|-------------------|------------|------------------|--------|-------|---|
| | Pedestrian | Moped rider | Motor- cyclist | Car driver | Car passenger | Others | Total | |
| BE | 50% | 7% | 0% | 13% | 16% | 22% | 17% | |
| DK | 41% | 17% | 6% | 19% | 21% | 18% | 21% | |
| EE | 22% | 50% | 0% | 4% | 7% | 16% | 12% | |
| EL | 54% | 28% | 5% | 12% | 18% | 30% | 19% | |
| ES | 42% | 14% | 0% | 12% | 15% | 15% | 16% | × |
| FR | 51% | 5% | 2% | 18% | 20% | 24% | 19% | |
| IE** | 34% | - | 0% | 13% | 11% | 23% | 16% | |
| IT* | 54% | 18% | 3% | 19% | 17% | 29% | 21% | |
| LU*** | 50% | - | - | 5% | 0% | 0% | 8% | |
| HU | 31% | 23% | 1% | 9% | 8% | 24% | 16% | |
| МТ | 33% | - | 0% | 50% | 0% | 0% | 18% | |
| NL** | 40% | 29% | 0% | 13% | 18% | 33% | 21% | |
| AT | 44% | 22% | 3% | 17% | 13% | 26% | 20% | |
| PL | 29% | 23% | 3% | 7% | 9% | 22% | 17% | |
| PT | 40% | 27% | 0% | 12% | 10% | 21% | 18% | |
| FI | 44% | 25% | 0% | 15% | 22% | 46% | 24% | |
| SE | 44% | 0% | 4% | 23% | 19% | 33% | 24% | |
| UK | 36% | 4% | 3% | 16% | 18% | 19% | 18% | |
| EU-18 | 40% | 15% | 2% | 14% | 15% | 20% | 18% | |

* Data from 2004

** Data from 2003

*** Data from 2002

Source: CARE Database / EC Date of query: October 2007

Type of road

Table 7 and Figure 5 show the distribution of elderly fatalities by type of road, and compare it with the distribution for the middle-aged. (Data for Greece an United Kingdom have a high share of "Unknown"). Compared to the overall population and to the middle-aged the elderly have a lower share of fatalities on motorways and on rural roads, but a higher share of fatalities on urban roads. This is a result of the lower mobility and higher emphasis on pedestrians in the modal split of the elderly. The distributions vary greatly between the EU-18 member states.

Table 7: Distribution of middle-aged and elderly fatalities by road type, 2005

| | | Elderly (a | age >64) | | | Middle-aged | (age 45-64) | |
|-------|----------|------------|----------|---------|----------|-------------|-------------|---------|
| | Motorway | Non-mo | otorway | unknown | Motorway | Non-mo | otorway | unknown |
| | | Rural | Urban | | - | Rural | Urban | |
| BE | 8 | 102 | 65 | 11 | 44 | 128 | 51 | 18 |
| DK | 2 | 43 | 25 | - | 7 | 50 | 18 | - |
| EE | - | 16 | 4 | - | - | 34 | 14 | - |
| EL | 9 | 43 | 8 | 262 | 27 | 42 | 9 | 220 |
| ES | 22 | 498 | 199 | - | 56 | 779 | 136 | - |
| FR | 53 | 540 | 421 | - | 78 | 685 | 270 | - |
| IE** | 1 | 33 | 19 | - | 1 | 30 | 18 | - |
| IT* | 73 | 440 | 652 | - | 153 | 527 | 370 | - |
| LU*** | 1 | - | 4 | - | - | 5 | 4 | - |
| HU | 1 | 70 | 135 | - | 14 | 233 | 161 | - |
| МТ | - | - | 3 | - | - | - | - | - |
| NL** | 9 | 100 | 112 | - | 27 | 105 | 64 | - |
| AT | 8 | 73 | 70 | - | 22 | 107 | 34 | - |
| PL | 3 | 296 | 632 | - | 8 | 793 | 690 | - |
| PT | 8 | 106 | 108 | - | 34 | 137 | 117 | - |
| FI | 1 | 56 | 34 | - | 5 | 67 | 19 | - |
| SE | 3 | 65 | 32 | 4 | 10 | 80 | 18 | 1 |
| UK | 16 | 230 | 241 | 129 | 45 | 343 | 155 | 61 |
| EU-18 | 218 | 2.711 | 2.764 | 406 | 531 | 4.145 | 2.148 | 300 |
| Share | 4% | 44% | 45% | 7% | 7% | 58% | 30% | 4% |





*** Data from 2002

**

Data from 2004

Data from 2003

s Motorways

Pedes trians

Bicycles

Motorcycles &

Mopeds

Car Occupants

Heavy Goods Vehicles

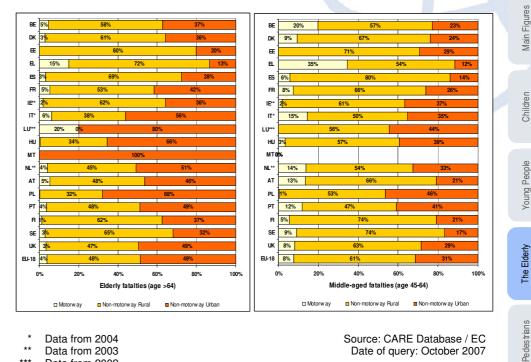
Urban Areas



Elderly people are proportionately more likely than middleaged people to be killed in an accident on a non-motorway urban road.



Figure 5: Distribution of middle-aged and elderly fatalities by road type, 2005



^{*} Data from 2004

Source: CARE Database / EC Date of query: October 2007

** Data from 2003

Data from 2002

Day of week and time of day

More than 80% of elderly fatalities die between 8am and 8pm (see Table 8). While elderly fatalities generally decrease after 8pm, they stay high during evening hours in southern countries Greece and Spain as well as in Estonia and Ireland.

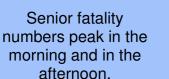
Table 8: Elderly fatalities by time of day by country, 2005

| | 00:00-03:59 | 04:00-07:59 | 08:00-11:59 | 12:00-15:59 | 16:00-19:59 | 20:00-23:59 | Total |
|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------|
| BE | 3 | 10 | 35 | 56 | 64 | 17 | 186 |
| DK | 1 | 4 | 20 | 20 | 20 | 5 | 70 |
| EE | 2 | 1 | 5 | 2 | 6 | 4 | 20 |
| EL | 8 | 28 | 85 | 77 | 74 | 50 | 322 |
| ES | 20 | 41 | 183 | 200 | 168 | 107 | 719 |
| FR | 11 | 51 | 289 | 282 | 319 | 62 | 1.014 |
| IE** | 3 | 1 | 11 | 15 | 13 | 10 | 53 |
| IT* | 36 | 48 | 343 | 215 | 395 | 118 | 1.165 |
| LU*** | - | - | 1 | 3 | 1 | - | 5 |
| HU | 2 | 27 | 46 | 50 | 62 | 19 | 206 |
| МТ | - | - | 1 | - | 2 | - | 3 |
| NL** | 1 | 2 | 65 | 81 | 57 | 15 | 221 |
| AT | 6 | 7 | 47 | 33 | 44 | 14 | 151 |
| PL | 18 | 74 | 222 | 225 | 301 | 91 | 931 |
| PT | 1 | 21 | 59 | 47 | 65 | 30 | 222 |
| FI | 1 | 8 | 21 | 34 | 23 | 4 | 91 |
| SE | 2 | 6 | 20 | 45 | 24 | 7 | 104 |
| UK | 9 | 12 | 157 | 210 | 164 | 64 | 616 |
| EU-18 | 124 | 341 | 1.610 | 1.595 | 1.802 | 616 | 6.099 |
| Share | 2% | 6% | 26% | 26% | 30% | 10% | 100% |

- Data from 2004 ++ Data from 2003
- Data from 2002



Transport



Source: CARE Database / EC Date of query: October 2007 Junctions

Bicycles

Motorcycles & Mopeds

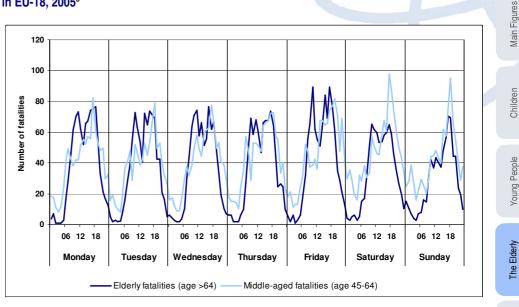
Car Occupants

Heavy Goods Vehicles

Motorways



While middle-aged people are more often killed during evening and night hours than elderly, elderly are more often killed in the morning. Figure 6: Middle-aged (age 45-64) elderly (age >64) fatalities by day of week and time of day in EU-18, 2005³



Source: CARE Database / EC Date of query: October 2007

Figure 6 illustrates the EU-18 distribution for day of week and hour, including data for middle-aged fatalities (45 to 64 years old) for comparison. Clear differences can be identified between middle-aged and elderly fatalities: the middle-aged have an obvious daily peak in the afternoon, higher fatality numbers during the weekends and on Friday, Saturday and Sunday nights, whereas more elderly people are killed in road accidents from Monday to Friday, with a morning and an afternoon peak and have very low fatality numbers during the night hours, even on weekend nights.

The number of elderly people killed per day in road accidents is higher between Monday and Friday than on Saturday or Sunday.



Pedes trians

Bicycles

Motorcycles &

Car Occupants

Mopeds



³ Using last data available, i.e. 2005 for all countries except LU (2002), IE and NL (2003) and IT (2004).

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Three quarters of elderly fatalities are killed between Monday and Friday.

| | Monday | Tuesday | Wednes- | Thursday | Friday | Saturday | Sunday | Total |
|-------|--------|---------|---------|----------|--------|----------|--------|--------|
| | - | - | day | - | - | - | | |
| BE | 28 | 18 | 40 | 32 | 28 | 22 | 18 | 18 |
| DK | 12 | 13 | 5 | 8 | 18 | 8 | 6 | 7 |
| EE | 2 | 2 | 2 | 4 | 4 | 3 | 3 | 2 |
| EL | 37 | 44 | 40 | 53 | 45 | 57 | 46 | 32 |
| ES | 116 | 105 | 94 | 106 | 108 | 91 | 98 | 71 |
| FR | 151 | 154 | 165 | 134 | 168 | 138 | 104 | 1.01 |
| IE** | 5 | 6 | 7 | 7 | 14 | 8 | 6 | 5 |
| IT* | 170 | 162 | 158 | 169 | 178 | 163 | 165 | 1.16 |
| LU*** | 1 | 1 | - | 1 | 2 | - | - | |
| HU | 33 | 33 | 22 | 30 | 31 | 33 | 24 | 20 |
| MT | - | 1 | 2 | - | - | - | - | |
| NL** | 39 | 34 | 29 | 24 | 37 | 38 | 20 | 22 |
| AT | 19 | 32 | 26 | 20 | 34 | 14 | 6 | 15 |
| PL | 139 | 135 | 122 | 138 | 176 | 116 | 105 | 93 |
| PT | 40 | 24 | 31 | 36 | 34 | 32 | 25 | 22 |
| FI | 13 | 13 | 20 | 16 | 13 | 12 | 4 | 9 |
| SE | 20 | 15 | 18 | 23 | 14 | 8 | 6 | 10 |
| UK | 93 | 83 | 97 | 93 | 95 | 87 | 68 | 61 |
| EU-18 | 918 | 875 | 878 | 894 | 999 | 830 | 704 | 6.09 |
| Share | 15,1% | 14,3% | 14,4% | 14,7% | 16,4% | 13,6% | 11,5% | 100,09 |

* Data from 2004

** Data from 2003

Data from 2004

Data from 2003

Data from 2002

**

*** Data from 2002

Source: CARE Database / EC Date of query: October 2007

Seasonality

Table 10 shows the number of elderly fatalities by quarter with the overall distribution. The number peaks in the winter months, with the highest fatality numbers in most countries in December, although the peak period varies between the different countries. In Spain and Greece the highest number of elderly fatalities occurs in the summer (July to September).

Table 10: Elderly fatalities by quarter of year by country, 2005

| | January - March | April - June | July - September | October - December | Total |
|-------|--------------------|-----------------|---------------------|-----------------------|--------|
| BE | 45 | 51 | 38 | 52 | 186 |
| DK | 20 | 15 | 16 | 19 | 70 |
| EE | 4 | 5 | 2 | 9 | 20 |
| EL | 75 | 70 | 106 | 71 | 322 |
| ES | 181 | 165 | 204 | 170 | 719 |
| FR | 241 | 236 | 267 | 270 | 1.014 |
| IE** | 14 | 14 | 11 | 14 | 53 |
| IT* | 242 | 280 | 312 | 331 | 1.165 |
| LU*** | 1 | 1 | - | 3 | 5 |
| HU | 38 | 55 | 51 | 62 | 206 |
| МТ | 1 | 1 | - | 1 | 3 |
| NL** | 44 | 64 | 63 | 50 | 221 |
| AT | 31 | 31 | 46 | 43 | 151 |
| PL | 210 | 206 | 252 | 263 | 931 |
| PT | 50 | 52 | 58 | 62 | 222 |
| FI | 17 | 22 | 31 | 21 | 91 |
| SE | 34 | 15 | 24 | 31 | 104 |
| UK | 155 | 135 | 151 | 175 | 616 |
| EU-18 | 1.403 | 1.419 | 1.632 | 1.646 | 6.099 |
| Share | 23,0% | 23,3% | 26,8% | 27,0% | 100,0% |

In general the peak season for senior fatalities is winter.





Source: CARE Database / EC Date of query: October 2007 Children

Main Figures

Young People

Heavy Goods Vehicles

Junctions

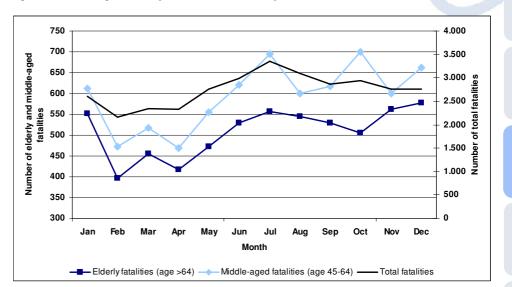
Urban Areas

🔵 Transport



Figure 7 compares the distribution of fatalities by month for the elderly and middle-aged with the overall distribution. For all three, the period from February to April has the lowest proportions. The peak for elderly fatalities is during winter, while for all fatalities the peak is during the summer (July and August).

Figure 7: Middle-aged, elderly, and total fatalities by month in EU-18, 2005³



Source: CARE Database / EC Date of query: October 2007 Main Figures

Children

Young People

The Elderly

Pedes trians

Bicycles

Motorcycles & Mopeds

Car Occupants

Heavy Goods Vehicles

Motorways

Junctions

Urban Areas

The distribution of middle-aged fatalities, elderly fatalities and total fatalities through the year are different.





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Disclaimer

The information in this document is provided as it is and no guarantee or warranty is given that the information is fit for any particular purpose. Therefore, the reader uses the information at their own risk and liability.

For more information

Further statistical information about fatalities is available from the CARE database at the Directorate-General for Energy and Transport of the European Commission, 28 Rue de Mot, B-1040 Brussels (see

ec.europa.eu/transport/roadsafety/road safety observatory/care reports en.htm).

Traffic Safety Basic Fact Sheets available from the European Commission concern:

- Main Figures
- Children (Aged <16)
- Young People (Aged 16-24)
- The Elderly (Aged >64)
- Pedestrians
- Bicycles
- Motorcycle and Mopeds
- Car-Occupants
- Heavy Goods Vehicles
- Motorways
- Junctions
- Urban Areas

Definition of EU-level and used Country abbreviations

| EU 14 | | EU 18 = EU | 14 + |
|-------|----------------|------------|----------------|
| BE | Belgium | EE | Estonia |
| DK | Denmark | HU | Hungary |
| EL | Greece | MT | Malta |
| ES | Spain | PL | Poland |
| FR | France | | |
| IE | Ireland | EU 27 = EU | 18 + |
| IT | Italy | BG | Bulgaria |
| LU | Luxembourg | CZ | Czech Republic |
| NL | Netherlands | DE | Germany |
| AT | Austria | CY | Cyprus |
| PT | Portugal | LV | Latvia |
| FI | Finland | LT | Lithuania |
| SE | Sweden | RO | Romania |
| UK | United Kingdom | SI | Slovenia |
| | | SK | Slovakia |

Detailed data on traffic accidents are published annually by the European Commission in the **Annual Statistical Report**. This includes a glossary of definitions on all variables used.

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The Elderly

Main Figures

Children

Bicycles

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All these reports and more information on the Integrated Project SafetyNet, co-financed by the European Commission, Directorate-General Energy and Transport are also available at the SafetyNet Website: www.erso.eu/.

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TRL, United Kingdom

INTRAS-UVEG, Spain



