

Main

Youngsters Children (Aged 15-17) (Aged < 15)

Young People Aged 18-24)

The Elderly (Aged > 64)

Pedestrians

Bicycles

Motorways

Junctions

Roads in urban areas

Roads outside urban areas

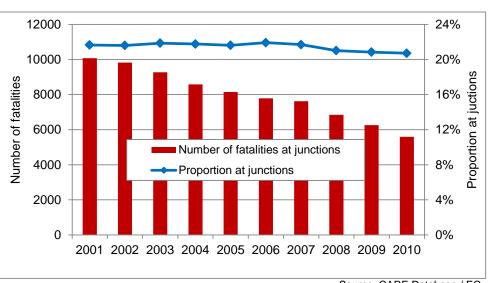


Traffic Safety Basic Facts 2012

Junctions

Almost 6.300 people were killed in road traffic accidents at junctions in 18^1 EU member states in 2010, a reduction of around a third since 2001. Figure 1 shows that slightly more than 20% of fatalities occurred at junctions throughout the decade, so the trend in junction accident fatalities broadly followed the trend in all fatalities.

Figure 1: Number and proportion of fatalities in EU-18 in road accidents at junctions¹



Source: CARE Database / EC Date of query: September 2012

Statistics related to junction accidents need to be treated carefully due to the presence of a high proportion of "unknown" entries in certain countries. The following countries had high proportions of unknown entries between 2001 and 2010: IE (83%), SE (49%), DE (39%) and AT (22%).

Table 1 shows the annual data for individual countries. Note that for certain countries the actual numbers are somewhat higher than the reported numbers because for a significant number of accidents it is unknown whether or not they occurred at a junction. The number of fatalities reported for 2010 for the 22 countries in Table 1 is 5.846 (incorporating 2009 data where necessary), but it is estimated that when account is taken of "unknown" entries then the actual number is 6.486.

```
<sup>1</sup> The country abbreviations used and definition of EU-level are shown on Page 15. Where a value is missing for an EU-18 country in a particular year, its contribution to the EU-18 total is estimated as the next known value. NI data for 2009 are used to estimate UK data for 2010.
```



It is estimated that

about 6.500 people

died in road traffic

accidents at junctions

in 2010 in the EU-22 countries listed in

Table 1.

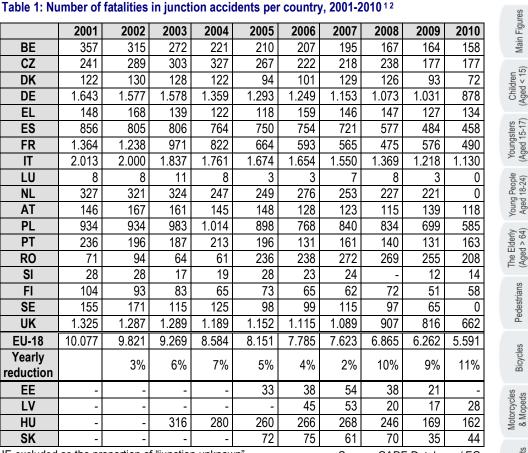
of fatalities at junctions over the past decade has broadly paralleled the fall for all fatalities.



Single vehicle Seasonality accidents







The number of fatalities at junctions has fallen every year since 2002.

> IE excluded as the proportion of "junction unknown' entries was high throughout the period

Source: CARE Database / EC Date of query: September 2012

DaCotA

Figures

Main I

Aged 15-17)

Pedestrians

Bicycles

Matarcvales

eavy Goods Vehicles

Motorways

Junctions

Roads

rban

Seasonality

Single vehicle

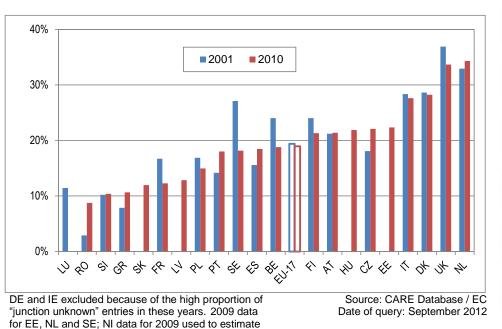
Gender

Causation

Youngsters

Figure 2 shows the proportion of fatalities in junction accidents per country in 2001 and 2010. Ireland and Germany have been excluded as they had a high proportion of "junction unknown" entries in 2010. The proportions have all been calculated on the basis of known entries. The proportions from 2010 are illustrated in Map 1.

Figure 2: Proportion of fatalities in junction accidents per country, 2001 and 2010¹



The proportion of fatalities occurring in road accidents at junctions has tended to fall in some countries, but to rise in others.

² The country abbreviations are shown on Page 15



Mobility & Transport

UK data for 2010.

DaCoTA | Project co-financed by the European Commission, Directorate-General for Mobility & Transpor





Children (Aged < 15)

Youngsters (Aged 15-17)

g People I 18-24)

The Elderly (Aged > 64)

Pedestrians

Bicycles

Motorcycles & Mopeds

Car

eavy Goods

Motorways

Junctions

Roads in urban areas

Roads outside urban areas

Seasonality

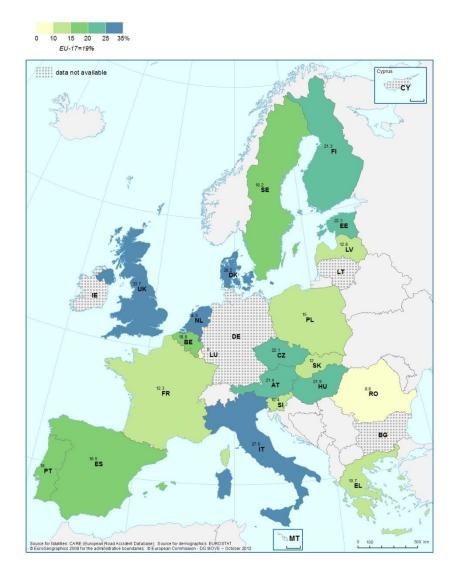
Single vehicle accidents

Gender

Causation

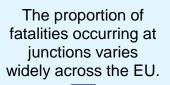
Traffic Safety Basic Facts 2012

Map 1 Proportion of fatalities in junction accidents per country, 2010



Type of Junction

Several types of junction are recorded in the CARE data, and Table 2 shows the data for 2010. Junction type is not available for several countries, and there are wide variations among the others.





Mobility & Transport

DaCoTA | Project co-financed by the European Commission, Directorate-General for Mobility & Transport

3 / 15





DaCoTA

Main Figures

Children (Aged < 15)

Youngsters (Aged 15-17)

The Elderly (Aaed > 64)

Pedestrians

Bicycles

eavy Goods

Motorways

Junctions

Roads in urban areas

Seasonality

vehicle Single

Gender

		Accide	ents at jun	Accidents		TICL		
	Cross- road	T or Y Junction	Round- about	Level	Other/ Unknown	not at junctions	Not known	Total (100%)
BE	0%	0%	1%	0%	18%	81%	0%	840
CZ	8%	4%	0%	9%	0%	78%	0%	802
DK	13%	1%	0%	0%	14%	72%	0%	255
EE	6%	4%	2%	7%	2%	74%	4%	98
EL	0%	0%	0%	0%	11%	89%	0%	1.258
ES	7%	0%	2%	7%	2%	82%	0%	2.479
FR	5%	0%	1%	4%	2%	88%	0%	3.992
IT	11%	0%	2%	0%	14%	72%	0%	4.090
LV	0%	0%	0%	0%	13%	87%	0%	218
LU	0%	0%	0%	0%	0%	100%	0%	32
HU	17%	4%	1%	0%	0%	78%	0%	740
NL	31%	2%	2%	0%	0%	66%	0%	644
AT	13%	3%	0%	5%	0%	79%	0%	552
PL	15%	0%	0%	0%	0%	85%	0%	3.908
PT	6%	0%	1%	8%	2%	79%	3%	937
RO	8%	1%	0%	0%	0%	91%	0%	2.377
SI	7%	3%	0%	0%	0%	88%	2%	138
SK	5%	0%	1%	7%	0%	87%	1%	371
FI	0%	0%	0%	0%	21%	79%	0%	272
SE	0%	0%	1%	0%	17%	82%	0%	358
UK	6%	0%	2%	19%	7%	66%	0%	1.965
EU-21	9%	1%	1%	3%	5%	81%	0%	26.326

Table 2: Proportion of fatalities in junction accidents, by type of junction per country, 2010

EU-21 2009 data for EE, NL and SE; NI data for 2009 used to estimate UK data for 2010. DE and IE excluded as the proportion of "junction unknown" entries was high in this year.

Source: CARE Database / EC Date of query: September 2012

Type of Road

The CARE data show whether or not each accident occurs on a motorway, and, if not, whether it occurs on an urban or rural road. Table 3 shows the number of fatalities on each road type per country, together with the proportion of fatalities occurring at junctions. The seventeen countries are those for which the reporting of junction accidents and road type was relatively good in 2010.

When people die in road traffic accidents at junctions, crossroad is the most common type of junction.





The proportion of

fatalities occurring at junctions is higher on urban roads than on rural roads or

motorways.



Traffic Safety Basic Facts 2012

Table 3: Distribution of fatalities at junctions per country by road type, 2010

	Motor	way		Non-moto	All roads			
	Fatalities	% at junction	Rural Fatalities	% at junction	Urban Fatal- ities	% at junction	Fatalities	% at junction
BE	106	2%	449	20%	246	27%	840	19%
CZ	28	4%	483	19%	291	29%	802	22%
DK	27	4%	151	25%	77	43%	255	28%
ES	418	8%	1.516	15%	545	37%	2.479	18%
FR	238	2%	2.618	9%	1.132	22%	3.992	12%
IT	376	0%	1.955	28%	1.759	33%	4.090	28%
LV	0		140	4%	78	28%	218	13%
LU	7	0%	22	0%	3	0%	32	0%
HU	44	0%	424	17%	272	34%	740	22%
NL	83	2%	327	26%	222	58%	644	34%
PL	28	0%	1.913	8%	1.262	21%	3.908	15%
PT	111	3%	339	14%	482	25%	937	18%
RO	18	0%	866	4%	1.493	11%	2.377	9%
SI	19	0%	59	2%	60	23%	138	10%
SK	14	0%	200	8%	157	18%	371	12%
FI	4		205	16%	63	40%	272	21%
UK	118	9%	1.023	26%	553	51%	1.965	34%
EU-17	1.661	4%	12.668	15%	8.695	27%	24.060	19%

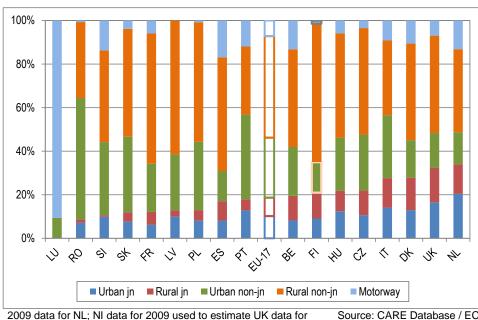
Percentages only for cells with at least 10 fatalities. DE and IE excluded as the proportion of "junction unknown" entries was high in these years, 2009 da Source: CARE Database / EC Date of query: September 2012

unknown" entries was high in these years. 2009 data for NL; NI data for 2009 used to estimate UK data for 2010.

overall proportion of fatalities at junctions.

Figure 3 illustrates this information. Countries are ordered by the

Figure 3: Distribution of fatalities by road type and junction, 2010



2009 data for NL; NI data for 2009 used to estimate UK data for 2010. DE and IE excluded as the proportion of "junction unknown" E entries was high.

Source: CARE Database / EC Date of query: September 2012 Heavy Goods Car Motorcycles Bicycles Pedestrians The Elderly Young People Youngsters Children Vehicles occupants & Mopeds Bicycles Pedestrians (Aged > 64) Aged 19-24) (Aged 15-17) (Aged < 15)

Main Figures

Roads outside Roads in Junctions urban areas urban areas

Motorways

Single vehicle Gender accidents

Causation

Seasonality





Over one third of fatalities at junctions

were travelling by car or taxi.

Traffic Safety Basic Facts 2012



Mode of Transport

Table 4 shows, of the fatalities recorded in CARE data as occurring at junctions, the distribution of fatalities by mode of transport. Table 5 then shows, of the fatalities recorded for each mode of transport the proportion that occurred at junctions. For example, 20 pedestrians were killed in Belgium at junctions, 13% of the 158 fatalities at junctions. 106 pedestrians were killed in total, so this represents 19% of pedestrian fatalities (Table 5).

Table 4: Distribution of junction fatalities per country by mode of transport, 2010

	Car or Taxi	Pedestrian	Motor Cycle	Pedal Cycle	Moped	Lorry	Other	Total (=100%)
BE	42%	13%	17%	20%	5%	1%	2%	158
CZ	50%	21%	12%	12%	0%	6%	0%	177
DK	39%	18%	10%	22%	8%	3%	0%	72
EE	48%	38%	5%	0%	5%	5%	0%	21
EL	34%	20%	32%	1%	2%	7%	3%	134
ES	33%	27%	21%	3%	9%	5%	1%	447
FR	35%	17%	29%	6%	10%	2%	1%	488
IT	38%	10%	31%	10%	7%	2%	2%	1.129
LV	50%	29%	11%	4%	4%	0%	4%	28
LU	0%	0%	0%	0%	0%	0%	0%	0
HU	30%	27%	12%	21%	5%	2%	2%	162
NL	23%	14%	10%	40%	11%	1%	1%	216
AT	34%	29%	16%	12%	7%	1%	2%	118
PL	37%	34%	9%	11%	4%	4%	1%	582
PT	31%	16%	20%	3%	18%	9%	2%	163
RO	38%	31%	4%	11%	6%	4%	5%	208
SI	18%	36%	0%	18%	27%	0%	0%	11
SK	27%	32%	18%	20%	0%	2%	0%	44
FI	48%	12%	9%	19%	9%	2%	2%	58
SE	42%	9%	29%	11%	5%	3%	2%	65
UK	37%	26%	25%	7%	0%	2%	2%	662
EU-21	36%	21%	21%	11%	6%	3%	2%	4.943

2009 data for EE, NL and SE; NI data for 2009 used to estimate UK data for 2010. DE and IE excluded because of the high proportion of "junction unknown" entries.

Source: CARE Database / EC Date of query: September 2012







Children (Aged < 15)

Aged 15-17) Youngsters



Table 5: Proportion of fatalities at junctions per country, by mode of transport, 2010

							-	
	Car or		Motor	Pedal				
	Taxi	Pedestrian	Cycle	Cycle	Moped	Lorry	Other	Total
BE	15%	19%	26%	44%	36%	4%		20%
CZ	22%	22%	23%	26%		22%		22%
DK	21%	30%	32%	62%	55%	13%		28%
EE	19%	38%						23%
EL	8%	15%	12%	4%	8%	13%	13%	11%
ES	13%	25%	25%	23%	39%	12%	13%	18%
FR	8%	17%	19%	19%	19%	5%	15%	12%
IT	24%	19%	37%	42%	38%	15%	26%	28%
LV	15%	10%	18%	8%			7%	13%
LU	0%							0%
HU	15%	22%	41%	37%	42%	11%	17%	22%
NL	17%	48%	31%	63%	49%	7%		34%
AT	14%	35%	28%	44%	44%	6%	8%	21%
PL	12%	16%	20%	23%	31%	15%	13%	15%
PT	14%	14%	26%	15%	40%	15%	11%	18%
RO	8%	7%	15%	12%	11%	10%	11%	9%
SI	5%	17%	0%	12%				10%
SK	7%	11%	30%	35%		5%		12%
FI	18%	20%	28%	42%		6%		21%
SE	12%	14%	40%	35%	27%	20%		18%
UK	27%	41%	40%	43%		19%	34%	34%
EU-21	15%	19%	27%	32%	30%	12%	17%	19%

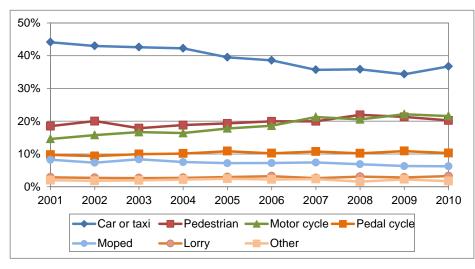
The proportion of fatalities occurring at junctions is highest for pedal cyclists and moped riders, and lowest for lorry occupants.

Percentages only for cells with at least 10 fatalities. 2009 data for EE, NL and SE; NI data for 2009 used to estimate UK data for 2010. DE and IE excluded because of the high proportion of "junction unknown" entries.

Source: CARE Database / EC Date of query: September 2012

CARE data are not available for several of the 21 countries in these two tables throughout the period 2001-2010. To analyse trends consistently over this period, trends have been calculated for these EU-14 countries, and Figure 4 presents the trends that correspond to Table 4. The proportion of fatalities in junction accidents who were travelling by car or taxi fell from 2001, but rose in 2010. The proportion who were walking or motorcycling rose until 2008.

Figure 4: Distribution of junction fatalities by mode of transport, EU-14



2009 data for NI, NL and SE used to estimate 2010 data

Source: CARE Database / EC Date of query: September 2012 The Elderly (Aaed > 64) Pedestrians Bicycles Motorcycles & Mopeds Car eavy Goods Vehicles Motorways Junctions Roads in rban Seasonality Single vehicle Gender





Children (Aged < 15)

Youngsters (Aged 15-17)

Young People Aged 18-24)

The Elderly (Aged > 64)

Pedestrians

Bicycles

Antorcycles

Heavy Goods Vehicles

Motorways

Junctions

Roads in rban areas

Seasonality

Single vehicle

Gender

Causation

Age and Gender

Table 6 examines CARE data from the EU-21 countries in 2010 to see whether the incidence of fatalities in junction accidents varies with age and gender. It begins with the numbers of fatalities in junction and non-junction accidents. The distributions of junction and non-junction fatalities are then presented; for example, 26% of fatalities in junction accidents were female, compared with 23% in non-junction accidents. Finally, the table presents the proportion of each group of fatalities that was killed at a junction.

 Table 6: Distribution of junction fatalities by age and gender, EU-21, 2010

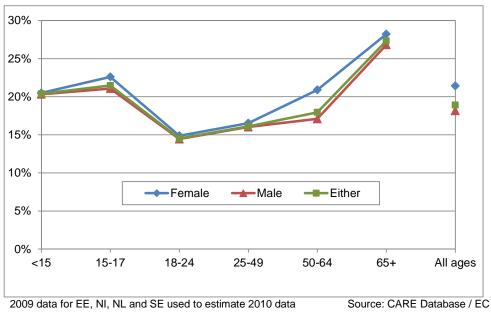
								not	
		<15	15-17	18-24	25-49	50-64	65+	known	Total
Number of fatalities in:									
junction accidents	female	56	46	116	280	222	573	15	1.308
	male	85	125	492	1.327	630	949	34	3.641
non-junction accidents	female	219	160	668	1.413	837	1.454	40	4.789
	male	334	467	2.928	6.928	3.045	2.597	121	16.419
Distribution of fatalities in:									
junction accidents	female	1%	1%	2%	6%	4%	12%	0%	26%
	male	2%	3%	10%	27%	13%	19%	1%	74%
non-junction accidents	female	1%	1%	3%	7%	4%	7%	0%	23%
	male	2%	2%	14%	33%	14%	12%	1%	77%
Proportion of fatalities	female	20%	23%	15%	17%	21%	28%	25%	21%
occurring at junctions	male	20%	21%	14%	16%	17%	27%	22%	18%

2009 data for EE, NI, NL and SE used to estimate 2010 data

Source: CARE Database / EC Date of query: September 2012

Overall, the table shows that the elderly (at least 65 years) are more likely than others to be killed at a junction. The variation of this proportion is illustrated in Figure 5.

Figure 5: The proportion of fatalities killed at a junction, by age and gender, EU-21, 2010



Date of query: September 2012

The proportion of fatalities occurring at junctions is highest for the elderly.





Lighting and Weather conditions

Table 7 examines CARE data from the EU-21 countries in 2010 to see whether the incidence of fatalities in junction accidents varies with weather condition. The numbers of fatalities in junction and non-junction accidents are shown first, followed by the distributions of junction and non-junction fatalities. The table also presents for each weather condition, the proportion of fatalities that were killed at a junction. This was highest for dry conditions (20%) and lowest in adverse conditions such as snow (12%).

Table 7: Distribution of junction fatalities by weather condition, EU-21, 2010

			Fog or			not	
	Dmr	Rain	mist	-	Other		Total
	Dry	Rain	mist	Snow	Other	known	TOLAI
Number of fatalities in:							
junction accidents	4.154	432	47	69	182	83	4.968
non-junction accidents	16.791	2.568	298	531	711	418	21.317
Distribution of fatalities in:							
junction accidents	84%	9%	1%	1%	4%	2%	100%
non-junction accidents	79%	12%	1%	2%	3%	2%	100%
Proportion of fatalities							
occurring at junctions	20%	14%	14%	12%	20%	17%	19%
2009 data for EE, NI, NL and SE used to estimate Source: CARE Database /						base / EC	

2009 data for EE, NI, NL and SE used to estimate 2010 data

Source: CARE Database / EC Date of query: September 2012

Table 8 repeats the analysis for lighting condition. This is poorly recorded for Italy and Slovenia so these are excluded, leaving the EU-17 countries. The proportion of fatalities occurring at junctions was highest for accidents in the dark with lighting, and lowest in the dark with no lighting. This probably reflects the tendency for street lighting to be installed at junctions.

Table 8: Distribution of junction fatalities by lighting condition, EU-19, 2010

	Darkness. no lights	Darkness. with lights	Daylight or twilight	not known	Total
Number of fatalities in:					
junction accidents	298	769	2.713	44	3.824
non-junction accidents	4.087	2.622	11.022	504	18.236
Distribution of fatalities in:					
junction accidents	8%	20%	71%	1%	100%
non-junction accidents	22%	14%	60%	3%	100%
Proportion of fatalities	7%	23%	20%	8%	17%
occurring at junctions	1 %	23%	20%	070	1770
2009 data for EE, NI, NL and SE used to estimate Source: CARE Database / EC					

2009 data for EE, NI, NL and SE used to estimate 2010 data. IT and SI excluded.

Source: CARE Database / EC Date of query: September 2012

Day of week and time of day

Figure 6 shows the distribution of fatalities in junction accidents in 2008 by hour of day in the EU-19 countries, and compares this with the distribution of fatalities in non-junction accidents. This comparison shows that proportionately fewer people died at junctions during the night (8pm-6am) and proportionately more during the day (8am-5pm).

Proportionately more fatalities occur in daylight or twilight at junctions than away from junctions.



9 / 15

Seasonality

Single vehicl. accidents

Gender





Children Aged < 15)

Youngsters Aged 15-17)

The Elderly (Aged > 64)

Pedestrians

Bicycles

Motorcycles & Mopeds

eavy Goods

Motorways

Junctions

Roads in urban areas

Roads outside

urban

Seasonality

Single vehicle

Gender

Figure 6: Distribution of fatalities by hour, EU-21, 2010

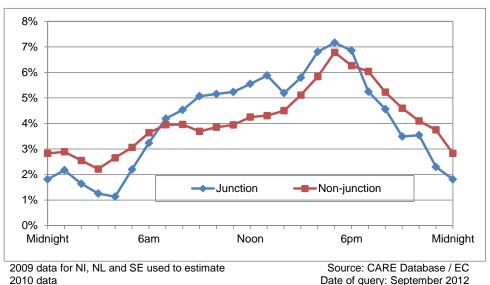
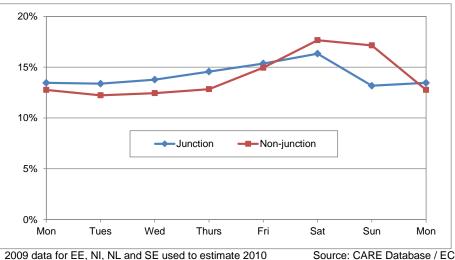


Figure 7 shows the distribution of fatalities in junction accidents in 2010 by day of week in the EU-19 countries, and compares this with the distribution of fatalities in non-junction accidents. The number of fatalities per day is less variable at junctions than away from junctions. By comparison with non-junction accidents, relatively few people died at junctions at weekends and relatively many on weekdays (Monday -Thursday).

Figure 7: Distribution of fatalities by day of week, EU-21, 2010



 2009 data for EE, NI, NL and SE used to estimate 2010
 Source: CARE Database / EC

 data
 Date of query: September 2012

Proportionately more fatalities occur between 8am and 5pm at junctions than away from junctions, and proportionately fewer between 8pm and 6am.

Proportionately more fatalities occur between Monday and Thursday at junctions than away from junctions, and proportionately fewer on Saturday and Sunday.





Proportionately more fatalities occur

between March and

July at junctions than

away from junctions, and proportionately

> fewer between September and

> > January.

Traffic Safety Basic Facts 2012

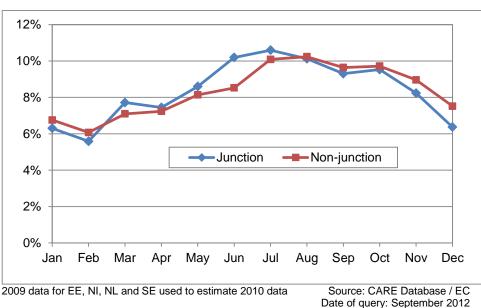


Main Figures

Seasonality

Figure 8 shows the distribution of fatalities in junction accidents in 2010 through the year in the EU-19 countries, and compares this with the distribution of fatalities in accidents that occurred elsewhere (non-junction). The two distributions are similar, but there were relatively many fatalities in junction accidents between March and July, and relatively few between September and January.





Accident Causation

During the EC SafetyNet project, in-depth data were collected using a common methodology for samples of accidents that occurred in Germany, Italy, The Netherlands, Finland, Sweden and the UK^{3 4}. The SafetyNet Accident Causation Database was formed between 2005 and 2008, and contains details of 1.006 accidents covering all injury severities. A detailed process for recording causation (SafetyNet Accident Causation System – SNACS) attributes one specific critical event to each driver, rider or pedestrian. Links then form chains between the critical event and the causes that led to it. For example, the critical event of late action could be linked to the cause observation missed, which was a consequence of fatigue, itself a consequence of an extensive driving spell.

48% (483) of accidents in the database occur at junctions. Figure 9 compares the distribution of specific critical events for drivers and riders in junction accidents to those in non-junction accidents.



³ SafetyNet D5.5, Glossary of Data Variables for Fatal and Accident Causation Databases
 ⁴ SafetyNet D5.8, In-Depth Accident Causation Database and Analysis Report

11 / 15

Gender



Specific critical events relating to

'timing' are recorded

for 60% of drivers

and riders in junction

accidents in the

sample.

Traffic Safety Basic Facts 2012



Main Figures

Children (Aged < 15)

Aged 15-17)

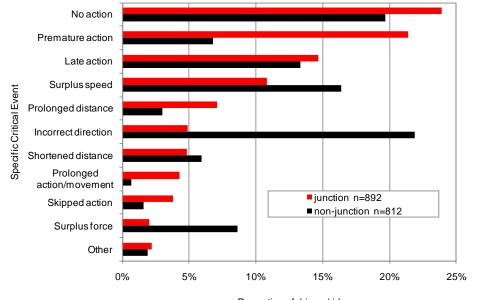
The Elderly (Aged > 64)

Pedestrians

Bicycles

leavy Goods

Figure 9: Distribution of specific critical events - drivers or riders by junction presence



N=1704

Proportion of drivers/riders Source: SafetyNet Accident Causation Database 2005 to 2008 / EC Date of query: 2010

The distributions are quite different for the most often recorded specific critical events. The specific critical events under the general category of 'timing', no action, premature action and late action, are recorded more frequently in junction accidents, especially acting prematurely. A premature action is one undertaken before a signal has been given or the required conditions are established, for example entering a junction before it is clear of other traffic.

On the other hand, incorrect direction, surplus speed and surplus force are recorded more frequently in non-junction accidents. Surplus speed describes speed that is too high for the conditions or manoeuvre being carried out, travelling above the speed limit and also if the driver is travelling at a speed unexpected by other road Similarly, surplus force describes excess acceleration or users. braking for conditions or actions. Incorrect direction refers to a manoeuvre being carried out in the wrong direction (for example, turning left instead of right) or leaving the road (not following the intended direction of the road). Here it is likely that the wrong direction element will appear in junction accidents and the leaving road element in non-junction accidents.

Table 9 shows the most frequent links recorded between causes for drivers and riders in junction accidents. There are 1.001 such links in total for this group

Car occupants Vehicles Motorways Junctions Roads in urban areas Roads outside urban areas Seasonality



Single vehicle

Gender



DaCoTA

Main Figures

Children (Aged < 15)

ged 15-17)

The Elderly (Aaed > 64)

Pedestrians

Bicycles

leavy Goods Vehicles

Motorways

Junctions

Roads in

Seasonality

Gender

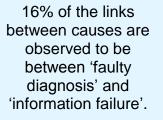
Table 9: Ten most frequent links between causes - drivers/riders, junction accidents

Links between causes	Frequency				
Faulty diagnosis - Information failure (between driver and traffic environment or driver and vehicle)	158				
Observation missed - Temporary obstruction to view	92				
Observation missed - Permanent obstruction to view	76				
Observation missed - Faulty diagnosis	73				
Observation missed - Distraction	62				
Observation missed - Inadequate plan	55				
Faulty diagnosis - Communication failure	55				
Inadequate plan - Insufficient knowledge	53				
Observation missed - Inattention	44				
Observation missed -	24				
Others	309				
Total	1.001				
Source: SafetyNet Accident Causation Database 2005 to 2008 / EC					

Source: SafetyNet Accident Causation Database 2005 to 2008 / EC Date of query: 2010

Observation missed is recorded most frequently and the causes leading to can be seen to fall into two groups, physical 'obstruction to view' type causes (for example, parked cars at a junction) and human factors (for example, not observing a red light due to distraction or inattention). Following observation missed, faulty diagnosis is an incorrect or incomplete understanding of road conditions or another road user's actions. It is linked to both information failure (for example, a driver/rider thinking another vehicle was moving when it was in fact stopped and colliding with it) and communication failure (for example, pulling out in the continuing path of a driver who has indicated for a turn too early).

Inadequate plan (a lack of all the required details or that the road user's ideas do not correspond to reality) is seen to lead to observation missed and be a result of insufficient knowledge.









Youngsters Children (Aged 15-17) (Aged < 15)

Young People Aged 18-24)

The Elderly (Aged > 64)

Pedestrians

Bicycles

savy Goods

Motorways

Junctions

Roads in urban areas

Seasonality

Single vehicle

Gender

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

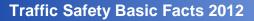
Further statistical information about fatalities is available from the CARE database at the Directorate General for Mobility and Transport of the European Commission, 28 Rue de Mot, B -1040 Brussels.

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

- Main Figures
- Children (Aged <15)
- Youngsters (Aged 15-17)
- Young People (Aged 18-24)
- The Elderly (Aged >64)
- Pedestrians
- Cyclists
- Motorcycles and Mopeds
- Car occupants
- Heavy Goods Vehicles and Buses
- Motorways
- Junctions
- Urban areas
- Roads outside urban areas
- Seasonality
- Single vehicle accidents
- Gender
- Accident causation









Country abbreviations used and definition of EU-level

EU - 14

EU-21= EU-14 +

BE	Belgium	Ε
CZ	Czech Republic	Ľ
DK	Denmark	Н
EL	Greece	A
ES	Spain	S
FR	France	S
IT	Italy	S
LU	Luxembourg	
NL	Netherlands	
PL	Poland	
PT	Portugal	
RO	Romania	
FI	Finland	
UK	United Kingdom (GB+NI)	

EE	Estonia
LV	Latvia
HU	Hungary
AT	Austria
SE	Sweden
SI	Slovenia
SK	Slovakia

Pedestrians The Elderly (Aged > 64)

Main Figures

Children (Aged < 15)

Youngsters (Aged 15-17)

Bicycles Pe

Motorcycles & Mopeds

Car occupants

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.

More information on the DaCoTA Project, co-financed by the European Commission, Directorate-General for Mobility and Transport is available at the DaCoTA Website: <u>http://www.dacota-project.eu/index.html</u>.

Authors

Jeremy Broughton	TRL, UK
Pete Thomas, Alan Kirk, Laurie Brown	Loughborough University, UK
George Yannis, Petros Evgenikos, Panagiotis Papantoniou	NTUA, Greece
Nimmi Candappa, Michiel Christoph, Kirsten van Duijvenvoorde, Martijn Vis	SWOV, The Netherlands
Jean-François Pace, María Teresa Tormo, Jaime Sanmartín	INTRAS-UVEG, Spain
Mouloud Haddak, Léa Pascal, Marie Lefèvre, Emmanuelle Amoros	IFSTTAR, France
Christian Brandstatter	KfV, Austria

