



CARE - GLOSSARY

CARE is a Community database on road accidents resulting in death or injury (no statistics on damage - only accidents). The major difference between CARE and most other existing international databases is the high level of disaggregation, i.e. CARE comprises detailed data on individual accidents as collected by the Member States. This structure allows for maximum flexibility and potential with regard to analysing the information contained in the system and opens up a whole set of new possibilities in the field of accident analysis.

The purpose of CARE system is to provide a powerful tool which would make it possible to identify and quantify road safety problems throughout the European roads, evaluate the efficiency of road safety measures, determine the relevance of Community actions and facilitate the exchange of experience in this field.



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Chapter 1 - CARE - Glossary

1.1 Basic definitions

1.1.1 Accident

Definition: Occurs on a public road or on a private road to which the public has right of access (except B, NL, P). Involves atleast one moving vehicle (except P, UK). Involves at least one injured or killed person. Is reported by the police. Self reporting possible (B, EL, IRL, I, UK). Self reporting not possible (DK, D, NL, A, P, FIN). Confirmed suicides excluded (B, D, DK, IRL, NL, A, P, UK). Confirmed suicides included (E, I, L).

Note : The variation in the types of road and the coverage of the injury categories included in injury accidents, together with differences in the level of self reported accidents, will lead to significant variations in the number of injury accidents reported, and their reporting rate, between Member States.

1.1.2 Person killed at 30 days

Definition: Death within 30 days of a road accident (UN/ECE Geneva 1995 – Statistics of Road Traffic Accidents in Europe and North America, annex 1). Suicide not included (except DK, E, F). Natural death not included (except L, S). The following correction coefficients (proposed by the concerned Member States) are used for EL (24 hours), E (24 hours in CARE ; 24 hours before 1993 in publication), F (6 days), I (7 days), A (3 days before 1992), P (24 hours).

1.1.3 Correction coefficients

Definition: A table of correction coefficient have been proposed by Member States. These coefficients are applied to absolute values for killed person in an accident in order for values to be in adequacy with the common definition of 'killed persons in 30 days as from the day of accident'.

The following correction coefficients (proposed by the concerned Member States) are used for A (3 days before 1992), E (24 hours in CARE ; 24 hours before 1993 in publication), F (6 days), GR (24 hours), I (7 days), P (24 hours).

Member State	Correcting factors		
Greece	K(30) = K * 1.18 up to 1995		
Spain	K(30) = K * 1.3 up to 1992		
	1993 up to 1996:	Outside urban area	Inside urban area
	Driver	K(30)=K+SI*2.46%	K(30)=K+SI*1.02%
	Passenger	K(30)=K+SI*2.29%	K(30)=K+SI*0.94%
	Pedestrian	K(30)=K+SI*7.22%	K(30)=K+SI*3.87%
	1997 up to 2000:	Outside urban area	Inside urban area
	Driver	K(30)=K+SI*2.44%	K(30)=K+SI*1.93%
	Passenger	K(30)=K+SI*2.17%	K(30)=K+SI*1.80%
	Pedestrian	K(30)=K+SI*4.76%	K(30)=K+SI*5.71%
	2001 up to 2004	Outside urban area	Inside urban area
	Driver	K(30)=K+SI*2.41%	K(30)=K+SI*2.17%
	Passenger	K(30)=K+SI*2.24%	K(30)=K+SI*2.15%
	Pedestrian	K(30)=K+SI*6.17%	K(30)=K+SI*4.34%
France	K(30) = K * 1.09 up to 1993 K(30) = K * 1.057 from 1994 onwards		
Italy	K(30) = K * 1.078 up to 1998		
Austria	K(30) = K * 1.12 only for 1991		
Portugal	K(30) = K * 1.3 up to 1997		
	K(30) = K * 1.14 from 1998 onwards		



Where K: number of persons killed, SI: number of persons seriously injured.

1.1.4 Coherence rules

Psychological circumstances is not applicable for passengers/pedestrians
 Driving license age is not applicable for pedestrians, passengers
 Security equipment is not applicable for pedestrians
 Alcohol level is not applicable for passengers/pedestrians
 Alcohol test is not applicable for passengers/pedestrians
 Movement pedestrian is not applicable for passengers/drivers
 Car passenger type is not applicable for drivers/pedestrians
 There is no junction when its type is "not at a junction"

1.2 Accident type items

1.2.1 ACCIDENT SEVERITY

Definition: The highest level of injury affecting one person involved in the accident injury severity from slightly injured, seriously injured up to killed) Values defined: fatal accident - injury accident - serious injury accident - slight injury accident - unknown.

fatal accident	<p>Definition: Accident with at least one killed person regardless the injury severity from any other involved persons.</p> <p>Note: see 'killed' definition from Injury Severity defined in Person type item.</p> <p>Data availability: All countries.</p>
injury accident	<p>Definition: Accident with at least one injured person among the person(s) involved without specification of type of injury</p> <p>Note: see 'injured' definition from Injury Severity defined in Person type item.</p> <p>Data availability: FI, IT, NL.</p>
serious injury accident	<p>Definition: Accident with at least one or more seriously injured person stated among the person(s) involved and wherein no other killed person was reported.</p> <p>Note: see 'seriously injured' definition from Injury Severity defined in Person type item.</p> <p>Data availability: All countries except FI, IT, NL.</p>
slight injury accident	<p>Definition: Accident with at least one or more slight injured person stated among the person(s) involved and wherein no other seriously injured or killed person was reported.</p> <p>Note: see 'seriously injured' definition from Injury Severity defined in Person type item.</p> <p>Data availability: All countries except FI, IT, NL.</p>
unknown	<p>Definition: Accident for which no injury severity was reported among the person(s) involved.</p> <p>Note: see 'unknown' definition from Injury Severity defined in Person type item.</p> <p>Data availability: BE, DK, SE</p>

**1.2.2 CARRIAGEWAY TYPE**

dual carriageway	Definition: A carriageway which is divided by a central reservation (e.g.: barrier).
	Data availability: All countries except ES (1993 onwards), FI, LU, NL, PT,EE and SE.
single carriageway	Definition: A carriageway which is not divided by a central reservation.
	Data availability: All countries except AT,ES (1993 onwards), IE (before 1995), LU,NL,PT,SE,EE
single carriageway, one way street	Definition: A carriageway with a one way street (with at least one lane) which is not divided by a central reservation.
	Data availability: All countries except BE,ES,FI,IE before 1997,LU,NL,PT 1999 onwards, SE,EE
single carriageway, two way street	Definition: a carriageway with a two way street (with at least one lane for each direction) which is only divided by road markings.
	Data availability: AT

1.2.3 COLLISION TYPE

angle collision	Definition: Collision between two moving vehicles. First vehicle has a side collision point, other vehicle has a frontal collision point (ES 1993 onwards, GR, IT, IE).
	Data availability: AT, DK, ES 1993 onwards, GR, IT, IE,EE
	Value included in another value: lateral collision
chain collision	Definition: Collision between more than two moving vehicles (BE, ES, FR). First vehicle has a rear collision point, other vehicle has a frontal collision point (ES, FR).
	Data availability: BE, ES, FR,EE
	Value included in another value: chain or rear collision
chain or rear collision	Definition: Collision between two or more vehicles travelling in the same direction on the same road. First vehicle has a rear collision point, other vehicle has a frontal collision point (ES, FR, GR, IT, IE, NL, PT).
	Data availability: All countries (except GB, LU, NI, SE 2003 onwards).
collision with animal	Definition: Collision between vehicle and animal.
	Data availability: All countries (except , GB, IE 1996 onwards, IT, NI).
collision with obstacle	Definition: Collision between moving vehicle and obstacle. On or off the road. Fixed or moving obstacle. Includes trees, posts, crash barriers.
	Data availability: All countries (except GB, NI, SE 2003 onwards).
collision with parked vehicle	Definition: Collision between moving vehicle and parked vehicle. Includes vehicle moving off (DK).
	Data availability: All countries (except B, GB, NI, P).



collision with pedestrian	<p>Definition: Collision between moving vehicle and pedestrian.</p> <p>Data availability: All countries (except GB, NI).</p>
frontal collision	<p>Definition: Collision between two vehicles travelling in the opposite direction on the same road. Both vehicles have a frontal collision point (BE, ES, FR, GR, IT, IE, NL, PT).</p> <p>Data availability: All countries (except GB, LU, NI, SE 2003 onwards).</p>
lateral collision	<p>Definition: Includes angle collision, side by side collision. First vehicle has a side collision point, other vehicle has a frontal or side collision point (BE, ES, FR, GR, IT, IE, PT).</p> <p>Data availability: All countries (except GB, LU, NI).</p>
rear collision	<p>Definition: Collision between two vehicles travelling in the same direction on the same road. First vehicle has a rear collision point, other vehicle has a frontal collision point (ES, FR).</p> <p>Data availability: AT, BE, DK, ES, FR,EE</p> <p>Value included in another value: chain or rear collision</p>
side by side collision	<p>Definition: Collision between two vehicles, where both vehicles have a side collision point (ES from 1993 onwards, GR, IT).</p> <p>Data availability: AT, DK, ES from 1993 onwards, GR, IT,EE</p> <p>Value included in another value: lateral collision</p>
single vehicle accident, no obstacle	<p>Definition: Accident in which only one vehicle was involved. Includes vehicle leaving the road, cyclist falling.</p> <p>Data availability: All countries (except DK,FI before 2003, GB,IE 1996 onwards, IT, LU, NI,,SE before 2002).</p>

1.2.4 HIT AND RUN

no (not a hit and run accident)	<p>Definition: All persons and vehicles involved in the accident are recorded on the spot.</p> <p>Data availability: AT, FR, ES 1993 onwards,FR 1993 onwards,GB,IE before 1996,LU,IT,NI</p>
yes (hit and run accident)	<p>Definition: One or more persons and/or vehicles involved in the accident quit after the accident without being recorded on the spot.</p> <p>Data availability: AT, FR, ES 1993 onwards,FR 1993 onwards,GB,IE before 1996,LU,IT,NI</p>

1.2.5 JUNCTION CONTROL

authorised person	<p>Definition: Police officer or traffic warden in uniform who is controlling the traffic. Includes where an 'authorised person' is controlling the junction even if there are traffic signals or other junction controls present.</p> <p>Data availability: BE, ES, FR before 1993, GB, GR, NI</p>
automatic traffic signal	<p>Definition: Includes where traffic signals are present but out of action and no authorised person in control.</p> <p>Data availability: All countries except AT,FR 2004 onwards,IT,LU,NL,EE</p>



controlled	<p>Definition: A junction which is controlled by a authorised person (eg police men) or by a automatic traffic signal.</p> <p>Data availability: All countries (except IT, NL, LU, PT and SE,EE).</p>
give way sign or markings	<p>Definition: A junction which is not controlled by a authorised person (eg police men) or by a automatic traffic signal but controlled with a give way sign or with markings.</p> <p>Data availability: All countries except AT,ES,IT,NL,LU,PT,EE,SE 2003 onwards</p>
stop sign	<p>Definition: A junction which is not controlled by a authorised person (e.g. police men) or by a automatic traffic signal but controlled with a stop sign.</p> <p>Data availability: All countries except AT,BE,EE,ES,FR 2004 onwards,GR 1996 onwards,IT,LU,NL,PT,SE 2003 onwards.</p>
uncontrolled	<p>Definition: A junction which is not controlled by a authorised person (e.g. police men) or by a automatic traffic signal or by give way signs or markings or by stop signs.</p> <p>Data availability: All countries except ES,FI,EE,FR 2004 onwards,IT,LU,NL,SE 2003 onwards</p>

1.2.6 NUMBER OF LANES

1 lane	<p>Definition: The road in which the accident took place had one lane.</p> <p>Data availability: FR, GB, LU,NI,GR 1996 onwards</p>
2 lanes	<p>Definition: The road in which the accident took place had two lanes. It is not clear whether these lanes refer to one or two directions.</p> <p>Data availability: FR, GB, LU,NI,GR 1996 onwards</p>
3 lanes	<p>Definition: The road in which the accident took place had three lanes. It is not clear whether these lanes refer to one or two directions.</p> <p>Data availability: FR, GB, LU,NI,GR 1996 onwards</p>
>=4 lanes	<p>Definition: The road in which the accident took place had four or more lanes. It is not clear whether these lanes refer to one or two directions.</p> <p>Data availability: FR, GB, LU,NI,GR 1996 onwards</p>

1.2.7 ROAD MARKINGS

none	<p>Definition: A road with no road markings.</p> <p>Data availability: ES, FR, GR, IT, IE and PT.</p>
road markings	<p>Definition: Road with road markings (eg: broken centre line, continuous centre line, edge markings, lane markings).</p> <p>Data availability: ES, FR before 2004, GR,IE, IT,PT</p>

**1.2.8 ROAD SURFACE CONDITIONS**

dry	Definition: Dry road surface. Data availability: All countries.
frost,ice	Definition: frost or ice on the road. . Data availability: All countries except BE,DK,LU,NL,PT
other, unknown	Definition: none of these above. Data availability: All countries.
slippery	Definition: Slippery road surface. Includes gravel, mud, leaves on the road, snow or ice are not included in this value. Data availability: All countries excepted GB,IE,SE..
snow	Definition: Snow on the road. . Data availability: AT,IT,FI,GB,GR,SE,IE,ES,FR,NI,EE.
snow, frost or ice	Definition: Snow, frost or ice on the road. . Data availability: DK 2003 onwards,LU,SE,NL,BE,PT
wet, damp, flood	Definition: Wet road surface. Includes flood and damp. Data availability: All countries .

1.2.9 SPEED LIMIT GROUP

< 30 km/h	Definition: The speed limit group at the accident location is less than 30 km/h.
30-50 km/h	Definition: The speed limit group at the accident location is between 30 and 50 km/h.
51-80 km/h	Definition: The speed limit group at the accident location is between 51 and 80 km/h.
81-100 km/h	Definition: The speed limit group at the accident location is between 81 and 100 km/h.
+/- 110 km/h	Definition: The speed limit group at the accident location is around +/- 110 km/h.
120 km/h	Definition: The speed limit group at the accident location is equal than 120 km/h.

1.2.10 SPEED LIMIT

< 30 km/h	Definition: The speed limit at the accident location is less than 30 km/h.
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+/- 30 km/h	Definition:	The speed limit at the accident location is around +/-30 km/h.
40 km/h	Definition:	The speed limit at the accident location is equal than 40 km/h.
+/- 40 km/h	Definition:	The speed limit at the accident location is around +/-40 km/h.
50 km/h	Definition:	The speed limit at the accident location is equal than 50 km/h.
+/- 50 km/h	Definition:	The speed limit at the accident location is around +/-50 km/h.
60 km/h	Definition:	The speed limit at the accident location is equal than 60 km/h.
+/- 60 km/h	Definition:	The speed limit at the accident location is around +/-60 km/h.
70 km/h	Definition:	The speed limit at the accident location is equal than +/-70 km/h.
+/- 70 km/h	Definition:	The speed limit at the accident location is around +/-70 km/h.
80 km/h	Definition:	The speed limit at the accident location is equal than 80 km/h.
+/- 80 km/h	Definition:	The speed limit at the accident location is around +/-80 km/h.
90 km/h	Definition:	The speed limit at the accident location is equal than 90 km/h.
+/- 90 km/h	Definition:	The speed limit at the accident location is around +/-90 km/h.
100 km/h	Definition:	The speed limit at the accident location is equal than 100 km/h.
+/- 100 km/h	Definition:	The speed limit at the accident location is around +/-100 km/h.
110 km/h	Definition:	The speed limit at the accident location is equal than 110 km/h.
+/- 110 km/h	Definition:	The speed limit at the accident location is around +/-110 km/h.
120 km/h	Definition:	The speed limit at the accident location is equal than 120 km/h.
+/- 120 km/h	Definition:	The speed limit at the accident location is around +/-120 km/h.



130 km/h	Definition: The speed limit at the accident location is equal than 130 km/h.
+/- 130 km/h	Definition: The speed limit at the accident location is around +/-130 km/h.

1.2.11 WEATHER

dry	Definition: No hindrance from weather. Includes clear sky and cloudy. Data availability: All countries (ES prior to 1993).
fog or mist	Definition: Includes fog, mist. Includes smoke (DK, FR, FI, GR, IT, NL, PT). Opinion of the police. Data availability: All countries (ES prior to 1993).
rain	Definition: Opinion of the police. Data availability: All countries (, ES prior to 1993). Value included in another value: rain, storm, hail, sleet (LU).
snow	Definition: Opinion of the police. Includes sleet building up a deposit (AT, BE, GB, GR, IT, NI). Data availability: All countries (except DK from 1995 onwards, DK, ES prior to 1993, FR, NL, PT). Value included in another value: snow, sleet, hail
snow, sleet, hail	Definition: Includes snow, sleet, hail. Opinion of the police. Data availability: All countries (ES prior to 1993).
strong wind	Definition: Opinion of the police. Deemed to have an adverse affect on driving conditions (AT, DK, GB, GR, IT, NI). Data availability: All countries (except DK before 1994, ES prior to 1993,FI,GB,LU,NI,SE
other	Definition: Opinion of the police. None of the above definitions.

1.2.12 ACCIDENT TYPE

Please refer you to the document “Accident type glossary”.



1.2.13 AREA

1.2.13.1 AREA TYPE

inside urban area	<p>Definition: Area inside urban area boundary signs (except GB, IE, NI). Includes dual carriageways and national roads. Can include motorways (except DK, DK, GR, IT). Opinion of the police (DK, SE).</p> <p>Note: Data approximated from speed limit of 40 mph or less (GB, IE, NI).</p> <p>Data availability: All countries.</p>
outside urban area	<p>Definition: Area outside urban area boundary signs. Opinion of the police (DK, SE). Includes motorways.</p> <p>Note: Data approximated from speed limit of over 40 mph (GB, IE, NI).</p> <p>Data availability: All countries.</p>

1.2.13.2 MOTORWAY

Definition: Public road with dual carriageways, and at least two lanes each way. Entrance and exit signposted. Road with grade separated interchanges. Road with a central barrier or central reservation. No crossing permitted. No stopping permitted unless in an emergency. Entry prohibited for pedestrians, animals, pedal cycles, mopeds, agricultural vehicles ; learner drivers (BE, GB, GR, IE, NI, PT). Access restricted to motor vehicles (AT, DK, FI). Minimum speed between 50 km/h and 80 km/h (except FR, GB, NI). Maximum speed between 100 km/h and 130 km/h (except DK recommended 130 km/h).

Data availability: All countries.

motorway	<p>Definition: The public road is a motorway as defined here above.</p> <p>Data availability: All Countries.</p>
no motorway	<p>Definition: The public road is not a motorway as defined here above.</p> <p>Data availability: All Countries.</p>

1.2.14 JUNCTION

1.2.14.1 JUNCTION

Definition: The road is an intersection . Not grade separated. Includes t junction, y junction, crossroad, level crossing (except DK, FI, GB, NI), roundabout (except FR), multiple junction.

Data availability: All countries except GR before 1996



no	Definition:	There is no road intersection as defined here above.
	Data availability:	All Countries except GR before 1996
yes	Definition:	The accident takes place on a road intersection as defined here above.
	Data availability:	All Countries except GR before 1996

1.2.14.2 JUNCTION TYPE

Definition: Road intersection with three or more arms. Not grade separated. Includes t junction, y junction, crossroad, level crossing (except DK, FI, GB, NI), roundabout (except FR), multiple junction.

Data availability: All countries (except GR).

crossroad	Definition:	Road intersection with four arms. Opinion of the police (DK, DK, ES, FI ; not AT).
	Data availability:	All countries (except BE, GR, FI 2003 onwards).
not at a junction	Definition:	Position on road more than 20m from a junction or roundabout (AT, GB, IE, NI, NL). Position on road more than 50m from a junction (FR). Opinion of the police (BE, DK, DK, ES, FI, IT, LU, SE).
	Data availability:	All countries (except GR before 1996, IE 1996 onwards,EE).
roundabout	Definition:	Circular highway. Includes sections of the road leading into it, within 20m (AT, GB, IE, NI). Opinion of the police (DK, ES, FR, IT).
	Data availability:	All countries (except, FI, FR before 1993, GR, LU, PT before 1998).
t or y junction	Definition:	Road intersection with three arms. Includes t junction, y junction, staggered junction.
	Data availability:	All countries (except BE, FI, GR, IT, PT before 1999, SE 2003 onwards).
Level crossing	Definition:	
	Data availability:	All countries (except ES,FI,GB,GR,IE,EE,NI, SE 2003 onwards).

1.2.15 NUMBER INVOLVED

1.2.15.1 NR OF VEHICLES

Definition: The number of vehicles involved in the accident. Not counting a pedestrian as a vehicle.

Data availability: All countries

1.2.15.2 NR OF PERSONS

Definition: The number of persons involved in the accident.

Data availability: All countries

1.2.15.3 NR OF PEDESTRIANS

Definition: The number of pedestrians involved in the accident.

Data availability: All countries

**1.2.16 LIGHT****1.2.16.1 LIGHTING**

darkness, lights unlit or no lights	Note:	see 'darkness' definition in 'Natura light' and see 'street lights unlit or no lights' definition in Street light item.
darkness, no street lights	Note:	see 'darkness' definition in 'Natura light' and see 'no street lights' definition in Street Light item.
darkness, street lights lit	Note:	see 'darkness' definition in 'Natura light' and see 'street lights lit' definition in Street Light item.
darkness, street lights unlit	Note:	see 'darkness' definition in 'Natura light' and see 'street lights unlit' definition in Street Light item.
daylight	Note:	see 'daylight' definition in Natural Light item.
daylight or twilight	Definition:	includes 'daylight', 'twilighit', 'daylight or twilight'.
	Note:	see 'daylight', 'twilight' definitions in Natural Light item.
twilight	Definition:	Daytime light. Opinion of the police. Corrected by monthly hour tables (GR ; IE in 'natural light' variable prior to 1996).
	Note:	see 'twilight' definition in Natural Light item.
	Data availability:	All countries (except GB, IT, IE, NI 1993 onwards, PT 1998-2003).

1.2.16.2 LIGHTING CONDITIONS

darkness, lights unlit or no lights	Definition:	includes 'darkness, lights unlit or no lights', 'darkness, no street lights', 'darkness, street lights unlit'.
darkness, street lights lit		
daylight or twilight	Definition:	includes 'daylight', 'twilighit', 'daylight or twilight'.
	Note:	see 'daylight', 'twilight' definitions in Natural Light item..
unknown	Definition:	None of the above or not available.

1.2.16.3 NATURAL LIGHT

daylight	<p>Definition: Daytime light. Opinion of the police. Corrected by monthly hour tables (GR ; IE in 'natural light' variable prior to 1996).</p> <p>Data availability: All countries (except GB, IT, IE, NI).</p> <p>Value included in another value: daylight or twilight (IE,NI).</p>
daylight or twilight	<p>Definition: Includes daylight, twilight.</p> <p>Data availability: All countries (except IT).</p>
darkness	<p>Definition: Period of the day when the lighting is dark. Opinion of the police.</p> <p>Data availability: All countries (except IT).</p>
twilight	<p>Definition: Period of half light between daybreak and sunrise, or between sunset and darkness. Opinion of the police.</p> <p>Data availability: All countries (except GB, IT, IE, NI, PT 1998-2003).</p>

1.2.16.4 STREET LIGHTS

no street lights	<p>Definition: Roadside not equipped with lights. Opinion of the police. Information only collected if darkness (ES, FR, GR, IE, SE).</p> <p>Data availability: All except BE,ES,FI,IT</p> <p>Value included in another value: darkness, lights unlit or no lights included in 'unknown' (BE, ES, FI) ; darkness, lights unlit or no lights included in 'no street lights' (AT, LU); darkness, no lighting or no moonlight included in 'street lights unlit' (PT).</p>
street lights lit	<p>Definition: Street lights are lit. Opinion of the police. Includes alternate lamps lit (AT, GB, LU, NI). Includes poor and good lighting (AT, DK, ES, FR, GR, IE, NL). Information only collected if darkness (AT, BE, ES, FR, GB, GR, IE, SE).</p> <p>Data availability: All countries (except IT).</p>
street lights unlit	<p>Definition: Opinion of the police. Street lights not switched on (DK, FR, GB, GR, IE, NI, NL). Street lights not working (DK, GB, GR, IE, NI, NL). Scattered or isolated lamps lit (GB, GR, NI). Information only collected if darkness (FR, GB, GR, IE, PT, SE).</p> <p>Data availability: All countries (except BE, ES, FI, IT, LU).</p> <p>Value included in another value: darkness, lights unlit or no lights (AT) ; darkness, lights unlit or no lights included in 'unknown' (ES, FI) ; darkness, no lighting or no moonlight (PT).</p>



1.2.17 REGION/PROVINCE

Individual regions / provinces

Definition: Individual regions / provinces according to the Eurostat NUTS region classifications, with levels 1 and 2.

Data availability: All countries except DK 1991-1996,2000, GB level 1 only, IE (NUTS level 1 only)

1.3 Country items

1.3.1 COUNTRY AREA

Definition: Country Name identifying the country reporting the accident. As it represents the state, the reader has to consider that value as a geographical area definition (eg Great-Britain and North Ireland)

Data Availability: All countries

1.3.2 COUNTRY CODE

Definition: Code identifying the authorities reporting the accident. It has to be considered as an administrative area definition (eg GB for Great-Britain and NI for North Ireland) and is usefull to retrieve the source of informations.

Data Availability: All countries

1.3.3 MEMBER STATE NAME

Definition: Official names of the Member States of the European Union according to decision of the permanent representatives of the Member States; protocol order is based on the name of the country in that country's official language(s).

Data Availability: All countries

1.3.4 PROTOCOL ORDER

Definition: Order of the Country in the Protocol.

Data Availability: All countries

1.3.5 STATE NAME (EN)

Definition: Common State Name expressed in English.

Data Availability: All countries

1.3.6 STATE PROTOCOL CODE

Definition: Codes of the Member States of the European Union as abbreviated by decision of the permanent representatives of the Member States and protocol order based on the name of the country in that country's official language(s).



Data Availability: All countries

1.3.7 STATE SIGN

Definition: Distinguishing sign of vehicles in accordance with the 1968 Convention on road traffic (Vienna Convention) art45 as stated in the status notified to the U.N.E.C.E (valid at 1 May 2001) valid for States (<> Country)

Data Availability: All countries

1.4 Person type items

1.4.1 AGE

Definition: Length of life of person. Rounded down to whole number of years (except GR, IT, NI : rounded to nearest year).

Note: Age 0 to 1 is exceptionally rounded up (FR, IT, IE, LU, NI, PT). Age over 99 only available for ES, FR (1993 on), NL.

Data availability: All countries.

1.4.2 AGE GROUP

Definition: Age of person. Values have been grouped as follows :

- From 0 to 13 years old : '<14'
- From 14 to 17 years old : '14-17'
- From 18 to 24 years old : '18-25'
- From 25 to 30 years old : '26-50'
- From 31 to 39 years old : '51-65'
- From 66 years old and more : '>65'

Data availability : All countries.

1.4.3 AGE GROUP05

Definition: Age of person. Rounded down to whole number of years (except GR, IT, NI : rounded to nearest year) and group by 5 years.

Note: Age 0 to 1 is exceptionally rounded up (FR, IT, IE, LU, NI, PT). Age over 99 only available for ES, FR (1993 on), NL.

Data availability: All countries.

1.4.4 AGE GROUP10

Definition: Age of person. Rounded down to whole number of years (except GR, IT, NI : rounded to nearest year) and group by 10 years.

Note: Age 0 to 1 is exceptionally rounded up (FR, IT, IE, LU, NI, PT). Age over 99 only available for ES, FR (1993 on), NL.

Data availability: All countries.

**1.4.5 CAR PASSENGER TYPE**

front passenger	<p>Definition: Person in the front of a vehicle and who is not a driver. Can be more than one front passenger. Seating immediately prior to the accident (DK, GB, IE, LU, NI). Collected mainly for car passengers (GB, NI).</p> <p>Data availability: All countries except AT,FI,FR 1993 onwards,GR before 1996,IT,NL,PT,SE before 1993</p>
not a passenger	<p>Definition: not applicable as being not a passenger.</p>
rear passenger	<p>Definition: Person in the rear of a vehicle. Seating immediately prior to the accident (DK, GB, IE, LU, NI). Collected mainly for car passengers (GB, NI).</p> <p>Data availability: All countries except AT,FI,FR 1993 onwards,GR before 1996,IT,NL,PT,SE before 1993</p>

1.4.6 DRIVING LICENCE AGE

individual driving licence ages	<p>Definition: Individual ages of the first driving licence.</p> <p>Data availability: AT,DK, ES, FI 2003 onwards, FR, GR 1996 onwards, IT, LU, PT.,EE</p>
not applicable	<p>Data availability: All countries</p>

1.4.7 DRIVING LICENCE AGE GROUP

Grouped driving licence ages

Definition: Groups of individual ages of the first driving licence.

Data availability: AT,DK, ES, EE, FI 2003 onwards, FR, GR 1996 onwards, IT, LU, PT. Driving licence age groups available in GR. First driving licence for vehicle driven in ES, FR, NI. Last driving licence in AT, PT.

**1.4.8 GENDER**

female	Definition:	Determined by the police (except AT, ES, IT, LU, PT : on the basis of identity documents ; DK, FI, SE : on the basis of personal id number).
	Data availability:	All countries.
male	Definition:	Determined by the police (except AT, ES, IT, LU, PT : on the basis of identity documents ; DK, FI, SE : on the basis of personal id number).
	Data availability:	All countries.
unknown	Definition:	Sex could not be determined (hit and run accident , police unable to trace person, not specified).
	Data availability:	All countries (except FR before 1993).

1.4.9 MOVEMENT PEDESTRIAN

crossing	Definition:	Pedestrian crossing road. Includes crossing masked (BE,GB,IE,NI), crossing not masked (BE,GB) and crossing on pedestrian crossing (BE,DK,FR,GR,PT)
	Data availability:	All Countries (except AT,FI,EE,GR before 1996,IT,LU,SE 2003 onwards)
not applicable	Definition:	the information 'movement pedestrian' is not applicable to the situation.
	Data availability:	All countries
not crossing	Definition:	the pedestrian is not crossing. Includes stationary in carriageway (BE, DK,ES,FR,GB,IE,NI), walking in cw with traffic (BE,GB,GR,IE,NI) and walking in cw facing traffic (BE,GB,IE,NI,PT,SE)
	Data availability:	All countries except AT, FI,GB,EE,IE,LU,NI,SE

1.4.10 NATIONALITY

Individual nationality

Definition: The nationality country name of the person involved

Data availability: AT,ES,FR,GR,LU,NL

1.4.11 NATIONALITY GROUP

foreigner	Definition:	The person involved has a different nationality of the country where the accident takes place.
	Data availability:	All countries
national	Definition:	The person involved has the same nationality of the country where the accident takes place.



	Data availability:	AT,ES,FR,GR,LU,NL
unknown	Definition:	The person involved has 'unknown' as nationality.
	Data availability:	AT,ES,FR,GR,LU,NL

1.4.12 PERSON CLASS

driver	<p>Definition: Person driving or riding any motorised vehicle or pedal cycle. Person herding animals is not a driver (except AT, BE). Learner driver is a driver (except ES, PT). Learner driver is a driver during a driving test, but not in a driving lesson (DK). Driving instructor is not a driver (except ES, PT). Driving instructor is a driver during a driving lesson, but not during a driving test (DK).</p> <p>Note: Uninjured drivers are included in the database (except GB, NI, NL : implicitly included in vehicle records only). Data on driving instructors and learner drivers collected separately from 1993 onwards (SE).</p> <p>Data availability: All countries.</p>
passenger	<p>Definition: Person on or in a vehicle, who is not the driver. Includes person in the act of boarding or alighting from a vehicle (except DK). Learner driver is not a passenger (except ES, PT). Learner driver is a passenger during a driving lesson, but not during a driving test (DK). Driving instructor is a passenger (except ES, PT). Driving instructor is a passenger during a driving test, but not in a driving lesson (DK).</p> <p>Note: Uninjured passengers not included in the database (except FR, IE, LU ; AT, ES, FI in some cases).</p> <p>Data availability: All countries.</p>
pedestrian	<p>Definition: Person on foot. Person pushing or holding bicycle (except DK). Person pushing a pram or pushchair. Person leading or herding an animal (except AT, DK). Person riding a toy cycle on the footway (except AT). Person on roller skates, skateboard or skis (except AT). Does not include person in the act of boarding or alighting from a vehicle (except DK, ES).</p> <p>Note: Uninjured pedestrians not included in the database (except BE, IE, LU ; NL implicitly included in element records ; AT, DK, DK, FR, FI, SE if they caused the accident ; ES not consistently).</p> <p>Data availability: All countries.</p>

**1.4.13 PERSON INJURY**

injured	<p>Definition: Injured in a road accident. Hospitalisation or medical treatment not necessarily required (except FR). Self declaration of injury (DK if slight ; FI, GB, IT, IE, NI). Opinion of the police.</p> <p>Note: see ‘seriously injured’, ‘slightly injured’ definitions.</p> <p>Data availability: FI,IE 1996 onwards,IT,EE</p>
killed	<p>Definition: Death within 30 days of a road accident (UN/ECE Geneva 1995 – Statistics of Road Traffic Accidents in Europe and North America, annex 1), except AT (3 days before 1992), ES (24 hours in CARE ; 24 hours before 1993 in publication), FR (6 days), GR (24 hours), IT (7 days), PT (24 hours). Suicide not included (except DK, ES, FR). Natural death not included (except LU, SE).</p> <p>Data availability: All countries.</p>
not injured	<p>Definition: Not injured in an accident. Person does not require medical treatment (AT, DK, ES, FR, FI, IE, LU). Opinion of the police (AT, BE, DK, IE, SE).</p> <p>Note: Uninjured drivers are included. Uninjured passengers may be included (AT, ES, FR, FI, IE, LU). Uninjured pedestrians may be included (except GR, IT, PT).</p> <p>Data availability: All countries (except GB, IE 1996 onwards, NI, NL : not injured drivers implicitly included in vehicle record).</p>
seriously injured	<p>Definition: Injured in a road accident. Hospitalised at least 6 days (FR). Hospitalised at least 24 hours (BE, DK, ES from 1993 onwards, GR, LU, PT). Hospitalised as in-patient (DK, NL). Not hospitalised, hospitalised for observation or as in-patient (GB, IE, NI). No reference to hospitalisation (AT, SE). Opinion of the police (except BE, ES from 1993 onwards, FR, LU, NL, PT). Police guidance provided (DK, ES before 1993, GB, IE, NI). Persons died 30 days after accident included (except FR, LU, PT).</p> <p>Data availability: All countries (except FI, IT,EE).</p>
slightly injured	<p>Definition: Injured in a road accident. Hospitalised 6 days or less (FR). Hospitalised less than 24 hours (BE, DK, ES, GR, PT). Not hospitalised (DK, GB, IE, NI, NL). Medical treatment required (DK, FR, LU, PT). Police guidance provided (DK, ES before 1993, GB, IE, NI). Opinion of the police.</p> <p>Data availability: All countries (except FI, IT,EE).</p>

1.4.14 PSYCHOPHYSICAL CIRCUMSTANCES

drugs or medicine	<p>Definition: A person (driver, user) who is influenced by (legal or illegal) drugs (eg: cannabis, alcohol) or medicine or an accident which was caused by influence of (legal or illegal) drugs (e.g.: cannabis, alcohol) or medicine or fatigue.</p>
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	Data availability:	BE, DK before 1997,ES, FI, FR,EE, IE before 1996, IT
fatigue	Definition:	A person (driver, user) who is influenced by fatigue or tiredness or an accident which was caused by influence of fatigue or tiredness.
	Data availability:	BE, ES, FR before 2003, IE (before 1996), IT, LU and NI (before 1996).
not applicable	Data availability:	All countries
others	Data availability:	only NI (1991-1998)
others, none	Data availability:	IT, LU
sudden illness	Definition:	A person (driver, user) which sudden illness (eg: heart attack) caused the accident.
	Data availability:	DK before 1997, ES

1.4.15 SECURITY EQUIPMENT

crash helmet not used	Definition:	Crash helmet was not worn during the accident.
	Data availability:	DK,ES,EE,FR,GR 1996 onwards,IT,NI (except 1994-1998) NL,PT
crash helmet used	Definition:	Crash helmet was worn during the accident.
	Data availability:	All countries except BE,FI,GB,IE,LU,NI 1994-1998,SE
crash helmet use unknown	Definition:	It is unknown whether the crash helmet was worn during the accident.
	Data availability:	AT, FR (1993-2003), NL, PT (1991-1997).
not applicable	Data availability:	All countries
seat belt not used	Definition:	Seat belt was not worn during the accident.
	Data availability:	All countries except AT, BE, FI,GR before 1996, SE,FR before 1993
seat belt used	Definition:	Seat belt was worn during the accident.
	Data availability:	All countries except BE,FI,SE
seat belt use unknown	Definition:	It is unknown whether the seat belt was worn during the accident.
	Data availability:	AT, FR 1993 onwards, IE1996 onwards, NL; PT before 1998)

1.4.16 ALCOHOL



Due to the fact that only a few countries provided information about alcohol test and alcohol level, these data are not enough representative of the variables. For all those reasons, these variables have been temporarily deactivated.

However, here were definitions of the two variables related to alcohol.

1.4.16.1 ALCOHOL TEST

not tested	Definition: Data availability:	The driver was not breath or blood tested. BE, EE,DK (1991-1999, 2001-2004), FI, FR, GB (1991-2002), GR, IE (1996-1997,1999), NI (1994, 1997-1998), NL, PT
tested	Definition: Data availability:	The driver was breath or blood tested to determine whether he/she was driving under the influence of alcohol. AT, BE, EE,DK (1991-1999 & 2001 - 2004), FI, FR, GB (1991-2002), GR, IE (1991-1994, 1996 – 1997,1999), NI (1994,1997-1998), NL, PT

1.4.16.2 ALCOHOL LEVEL

0.0 to 1.5	Definition: Data availability:	The driver's blood alcohol level was 0.0 , 0.1, .. or 1.5 DK, FR, PT,EE.
less than 0.5 g/l	Definition: Data availability:	The driver's blood alcohol level was less than 0.5 grams per litre of blood (or breath equivalent). BE, GR, NL
less than 0.8 g/l	Definition: Data availability:	The driver's blood alcohol level was less than 0.8 grams per litre of blood (or breath equivalent).. GB (from 1991 to 2002), IE (from 1991 to 1994, from 1996 to 1997 and 1999)
more than 0.5 g/l	Definition: Data availability:	The driver's blood alcohol level was more than 0.5 grams per litre of blood (or breath equivalent). AT (1999 onwards), BE, GR, NL.
more than 0.8 g/l	Definition: Data availability:	The driver's blood alcohol level was more than 0.8 grams per litre of blood (or breath equivalent).. AT (before 1999), FR (1991 - 1992), GB (1991-2002), GR (1991-1995), IE (from 1991 to 1994, from 1996 to 1997 and 1999)
more than 1.5 g/l	Definition: Data availability:	The driver's blood alcohol level was more than 1.5 grams per litre of blood (or breath equivalent).. DK (1991-1999 & 2001 - 2004), FR (1993 - 2004), GR (1991-1995), PT.



not applicable	Definition: Not applicable as being not tested.
	Data availability: All countries.

1.5 Time type items

1.5.1 DAY OF WEEK

Definition: 24 hour day within 7 day week.

Note: Data calculated by the CARE system from the date of accident, where data is not available in national files (AT from 1992 onwards, BE, FR prior to 1993, PT, SE).

Data availability: All countries.

1.5.2 HOUR

Definition: Period of 60 minutes. Rounded down to whole hours (except ES, GR, IT : rounded to nearest hour).

Note: Winter time is:

- GMT from November to March (DK from 1996 onwards, GB, IE, NI, PT)
- GMT +1 hour from October to March (AT, BE, DK prior to 1996, DK, ES, FR, IT, LU, NL, SE)
- GMT +2 hours from October to March (FI, GR).

Summer time is one hour ahead of winter time :

- GMT +1 hour from April to October (DK from 1996 onwards, GB, IE, NI, PT)
- GMT +2 hours from April to September (AT, BE, DK prior to 1996, DK, ES, FR, IT, LU, NL, SE)
- GMT +3 hours from April to September (FI, GR).

For PT, unknown hour coded as '12' during daytime and '0' during night time

Data availability: All countries (except DK).

1.5.3 MONTH

Definition: Calendar month.

Data availability: All countries

1.5.4 YEAR

Definition: YEAR expressed in format yyyy (four digits) from year 1990 up to the latest year of data available.

Data availability: All countries.

**1.6 Vehicle type items****1.6.1 MANŒUVRE VEHICLE OR DRIVER**

changing lane	Definition: Vehicle changing lane Data availability: DK, FR (1991-1992), GB, GR, IE (1996-2003), NI
not applicable	Data availability: All countries.
other	Definition: other vehicle manoeuvre Data availability: BE, DK, ES, FR, GB, GR, IE (1991-1994;1996-2003), NI, PT
overtaking	Definition: Vehicle overtaking another vehicle Data availability: GB, IE (1991-1994;1996-2003), NI, PT
overtaking on the left	Definition: Vehicle overtaking another vehicle on the left Data availability: BE, ES (1993-2004), FR, GR, IE (1991-1994), PT.
overtaking on the right	Definition: Vehicle overtaking another vehicle on the right Data availability: BE, ES (1993-2004), FR, GR, IE (1991-1995), PT.
reversing	Definition: Vehicle reversing Data availability: BE, ES, FR, GB, GR, IE (1991-1994;1996-2003), NI, PT
stopped	Definition: Vehicle stopped Data availability: BE, DK, ES, GB, IE (1991-1994), NI, NL
stopped/stopping	Definition: Vehicle stopped/stopping Data availability: FR, NI, PT
stopping	Definition: Vehicle stopping Data availability: ES, GB, GR, IE (1991-1994), NI
straight ahead	Definition: Going straight ahead Data availability: BE, DK, ES, FR, GB, GR, IE (1991-1994), NI, NL, PT
turning left (turning right GB, IE, NI)	Definition: Vehicle turning left (near side of driver) Data availability: BE, DK, ES, FR, GB, GR, IE (1991-1994;1996-2003), NI, NL, PT
turning right (turning left GB, IE, NI)	Definition: Vehicle turning right (far side of driver) Data availability: DK, ES, FR, GB, GR, IE (1991-1994;1996-2003), NI, NL, PT



u-turn	Definition:	Vehicle making a U-turn
	Data availability:	BE, ES, FR, GB, GR, IE (1991-1994), NI, PT (1998-2003)

1.6.2 REGISTRATION COUNTRY

Individual registration countries

Definition: The country name in which the vehicle was registered.

Data availability: AT, BE, DK 1997 onwards, ES before 1993, FR 1993 onwards, GR 1996 onwards, LU, NL, SE

1.6.3 REGISTRATION COUNTRY GROUP

Grouped registration countries

Definition: The country group name in which the vehicle was registered.

Data availability: AT, BE, DK 1997 onwards, ES before 1993, FR 1993 onwards, GR 1996 onwards, LU, NL, SE

home	Definition:	The vehicle is registered in the EEA country, in which the accident took place.
other countries	Definition:	The vehicle is registered in a country other than the EEA countries.
other EEA countries	Definition:	The vehicle is registered in the another EEA country, in which the accident took place.
unknown	Definition:	The vehicle is registered in an unknown country.

1.6.4 VEHICLE AGE

Data availability: AT, DK, ES, FI 2003 onwards, FR, GR 1996 onwards, IT, LU, PT

0	Definition:	Individual vehicle ages being less than 1 year old since its first registration.
1 – 2	Definition:	Individual vehicle ages from 1 to 2 years since its first registration.
3 – 5	Definition:	Individual vehicle ages from 3 to 5 years since its first registration.
6 – 10	Definition:	Individual vehicle ages from 6 to 10 years since its first registration.



11 – 15	Definition:	Individual vehicle ages from 11 to 15 years since its first registration.
> 10	Definition:	Individual vehicle ages from 11 years since its first registration.
> 15	Definition:	Individual vehicle ages from 16 years since its first registration.
unknown	Definition:	Individual vehicle age unknown.

1.6.5 VEHICLE GROUP

Definition: Typical grouping of several Vehicle Type

agricultural tractor	Definition:	Motor vehicle for agricultural use, with wheels or caterpillar tracks, with at least two axles. Driving licence required (AT, DK, ES, FI, GB, GR, IT, IE, LU ; not in FR). Maximum speed 30 km/h or 40 km/h.
	Data availability:	All countries (except IE 1996 onwards).
bus or coach	Definition:	Motor vehicle with at least four wheels, used for transporting people. Public or private use. Type DK driving licence required (BE, GB, IE, NI). Includes bus, more than 8 and 16 seats, minibus, trolley-bus (except LU), scheduled bus, unscheduled bus, school bus.
	Data availability:	All countries
car + taxi	Definition:	includes CAR , TAXI , CAR OR TAXI (not specified),
heavy goods vehicle	Definition:	INCLUDES road tractor , road tractor with semi trailer , ‘lorry, over 3.5 tonnes’
lorry, under 3.5 tonnes	Definition:	Motor vehicle with a permissible gross vehicle weight of less than 3.5 tonnes, used only for the transport of goods. Type BE driving licence required.
	Note:	Lorries cannot systematically be categorised as less than 3.5 tonnes (DK, IT).
	Data availability:	All countries (except DK, IT, LU).
moped	Definition:	Motor vehicle with two wheels, with an engine size of less than 50 cc. Design speed between 25 km/h and 50 km/h. One or two seats. Minimum age for driver between 14 and 18 (except IT). No driving licence required (ES, FR, FI, GB, IT, PT, SE). Unregistered vehicle (BE, DK, DK, ES, FR, SE).
	Data availability:	All countries (except IE from 1996 onwards).



	Value included in another value: two wheeled motor vehicle (IE from 1996 onwards).
motor cycle	<p>Definition: Motor vehicle with two or three wheels (not three wheeled in DK), with an engine size of more than 50 cc. With a trailer possible (except DK). With a sidecar possible. Registered vehicle (except PT). Type A driving licence required. Includes motor scooter (except FR).</p> <p>Data availability: All countries (except IE from 1996 onwards).</p> <p>Value included in another value: two wheeled motor vehicle (IE from 1996 onwards).</p>
other	<p>Definition: INCLUDES other, other motor vehicle , other non motor vehicle , other vehicle</p>
pedal cycle	<p>Definition: Vehicle with at least two wheels, without engine, moved by pedals or hand cranks. With or without a trailer. With or without passengers. Ridden in the carriageway. Ridden on the pavement (except DK, LU).</p> <p>Data availability: All countries.</p>
pedestrian	<p>Definition: Wherever a person's person class has been identified as being pedestrian, its vehicle type is "pedestrian". This as opposed to older version of Care where a pedestrian didn't have a vehicle type.</p> <p>Data availability: All countries</p>

1.6.6 VEHICLE TYPE

Alongside oldest version of Care's vehicle types, following vehicle type now exists.

agricultural tractor	<p>Definition: Motor vehicle for agricultural use, with wheels or caterpillar tracks, with at least two axles. Driving licence required (AT, DK, ES, FI, GB, GR, IT, IE, LU ; not in FR). Maximum speed 30 km/h or 40 km/h.</p> <p>Data availability: All countries IE 1996 onwards).</p> <p>Value included in another value: construction or agricultural machine included in 'agricultural tractor' (AT, DK), agricultural or industrial tractor included in 'agricultural tractor'(LU).</p>
bus or coach	<p>Definition: Motor vehicle with at least four wheels, used for transporting people. Public or private use. Type DK driving licence required (BE, GB, IE, NI). Includes bus, more than 8 and 16 seats, minibus, trolley-bus (except LU), scheduled bus, unscheduled bus, school bus.</p> <p>Data availability: All countries.</p>
car	<p>Definition: Motor vehicle with three or four wheels. Used to transport only or mainly people. Seating for no more than 8 passengers. Type BE driving licence required. Includes minibus (GB, NI).</p>



	<p>Note: Light vehicle used to approximate car (LU).</p> <p>Data availability: All countries except FI, IE before 1996, LU, PT</p> <p>Value included in another value: car or taxi (IE prior to 1996).</p>
car or taxi (not specified)	<p>Definition: Includes car, taxi. Motor vehicle with four wheels. Used to transport only or mainly people. Seating for no more than 8 passengers. Type BE driving licence required. Includes taxi-bus (NL).</p> <p>Data availability: AT, BE, FI, IE, LU, PT, SE.</p>
Heavy goods vehicle	<p>Definition: Motor vehicle with at least four wheels, with a permissible gross vehicle weight of over 3.5 tonnes, used only for the transport of goods. With or without a trailer. Type C driving licence required. Includes lorry, over 3.5 tonnes ; road tractor ; road tractor with semi-trailer ; lorry with trailer ; tanker (except FI).</p> <p>Note: Lorries cannot systematically be categorised as over 3.5 tonnes (D, IT).</p> <p>Data availability: All countries.</p>
lorry, under 3,5 tonnes	<p>Definition: Motor vehicle with a permissible gross vehicle weight of less than 3.5 tonnes, used only for the transport of goods. Type BE driving licence required.</p> <p>Note: Lorries cannot systematically be categorised as less than 3.5 tonnes (D, IT).</p> <p>Data availability: All countries (except LU).</p>
lorry, over 3,5 tonnes	<p>Definition: Motor vehicle with at least four wheels, with a permissible gross vehicle weight of over 3.5 tonnes, used only for the transport of goods. With or without a trailer. Type C driving licence required.</p> <p>Note: Lorries cannot systematically be categorised as over 3.5 tonnes (DK, IT).</p> <p>Data availability: All countries.</p>
moped	<p>Definition: Motor vehicle with two wheels, with an engine size of less than 50 cc. Design speed between 25 km/h and 50 km/h. One or two seats. Minimum age for driver between 14 and 18 (except IT). No driving licence required (ES, FR, FI, GB, IT, PT, SE). Unregistered vehicle (BE, DK, DK, ES, FR, SE).</p> <p>Data availability: All countries (except IE from 1996 onwards).</p>
motor cycle	<p>Definition: Motor vehicle with two or three wheels (not three wheeled in DK), with an engine size of more than 50 cc. With a trailer possible (except DK). With a sidecar possible. Registered vehicle (except PT). Type AT driving licence required. Includes motor scooter (except FR).</p>



	Data availability: All countries.
other	<p>Definition: Other vehicle</p> <p>Data availability: AT (1992-2005), BE, DK, ES, FI, FR, GB (1999-2004), GR, IE (1996-2003), IT, NI (1991-1998), NL, PT (1991-2000;2002), SE.</p>
other motor vehicle	<p>Definition: Other vehicle with an engine. Includes ambulance (DK, GB, IE, LU), fire engine (DK, GB, IE, LU).</p> <p>Data availability: AT, DK (1997-2004), FI, GB,EE, IE (1991-2005), IT, LU, NI (1999-2002), NL, PT, SE.</p>
other non motor vehicle	<p>Definition: Other vehicle without an engine. Includes animal or horse drawn vehicle (DK, DK, ES, FI, GB, IT, IE, NL, PT, SE), horse with rider (DK, DK, GB, NL, SE), train or tram (DK, ES, FI, GR, IT, NL, PT, SE).</p> <p>Data availability: All countries (except FR,GR,IE 1996 onwards,NI before 2000)</p>
pedal cycle	<p>Definition: Vehicle with at least two wheels, without engine, moved by pedals or hand cranks. With or without a trailer. With or without passengers. Ridden in the carriageway. Ridden on the pavement (except DK, LU).</p> <p>Data availability: All countries.</p>
pedestrian	<p>Definition: Wherever a person's person class has been identified as being pedestrian, its vehicle type is "pedestrian". This as opposed to oldest version of Care where a pedestrian didn't have a vehicle type.</p> <p>Data availability: All countries</p>
road tractor	<p>Definition: Motor vehicle with at least four wheels. Without a semi-trailer. Used for towing semi-trailers. Used for towing other vehicles (except AT, FR). Type ES or C+ES driving licence required.</p> <p>Data availability: All countries except ES,FI,GB,IE before 1996,LU,NI,PT 1998 onwards,SE.</p>
taxi	<p>Definition: Motor vehicle with four wheels for public use in the transport of people.</p> <p>Data availability: All countries except AT,BE,EE,FI,IE before 1996,PT,SE</p>

**Chapter 2 – Predefined conditions classes****1.7 Accident type items**

Class / Sub-Class	Universe's predefined conditions	Description	Definition
Carriageway Type	Dual Carriageway	All accidents happening on a dual carriageway	Carriageway Type= 'dual carriageway'
Carriageway Type	Single Carriageway	All accidents happening on a single carriageway	Carriageway Type IN ('one way street','single carriageway')
Carriageway Type	Carriageway Type - Unknown	All accidents happening on an unknown carriageway	Carriageway Type IN ('no data collected','unknown')
Carriageway Type	Carriageway Type - Others	All accidents happening on an other carriageway types	Carriageway Type IN ('not applicable','others')
Junction Control	JC - Controlled	All accidents happening at controlled junction	Junction Control IN ('controlled','authorised person','automatic traffic signal','give way sign or markings','stop sign','give way sign or stop sign')
Junction Control	JC - Uncontrolled or unknown	All accidents happening at uncontrolled or unknown junction	Junction Control IN ('uncontrolled','unknown')
Junction Control	JC - Others	All accidents happening at other types of junction	Junction Control = 'others'

1.8 Country items

Universe's predefined conditions	Description	Definition
EU15	Group of the European Member States before the enlargement	DIMENSION_GEOGRAPHY.DIM_COUNTRY_KEY IN ('AT','BE','DE','DK','FR','FI','GR','IE','ES','IT','LU','NL','PT','SE','GB','NI')

1.9 Person type items

Class / Sub-Class	Universe's predefined conditions	Description	Definition
Alcohol	Alcohol Level - Less than 0.5 g/l	All accidents with driver's blood alcohol level was less than 0.5 grams per litre of blood (or breath equivalent).	Alcohol Level IN ('0.0','0.1','0.2','0.3','0.4','less than 0.5')
Alcohol	Alcohol Level - Less than 0.8 g/l	All accidents with driver's blood alcohol level was less than 0.5 grams per litre of blood (or breath equivalent).	Alcohol Level IN ('0.0','0.1','0.2','0.3','0.4','0.5','0.6','0.7','less than 0.5','less than 0.8')
Alcohol	Alcohol Level - More than 0.5 g/l	All accidents with driver's blood alcohol level was more than 0.5 grams per litre of blood (or breath equivalent).	Alcohol Level IN ('0.5','0.6','0.7','0.8','0.9','1.0','1.1','1.2','1.3','1.4','1.5','more than 0.5','more than 0.8','more than 1.5')
Alcohol	Alcohol Level - More than 0.8 g/l	All accidents with driver's blood alcohol level was more than 0.8 grams per litre of blood (or breath equivalent).	Alcohol Level IN ('0.8','0.9','1.0','1.1','1.2','1.3','1.4','1.5','more than 0.8','more than 1.5')
Alcohol	Alcohol Level - More than 1.5 g/l	All accidents with driver's blood alcohol level was more than 1.5 grams per litre of blood (or breath equivalent).	Alcohol Level IN ('1.5','more than 1.5')
Alcohol	Alcohol Level - Unknown or others	All accidents with driver's blood alcohol level was unknown, no collected or other.	Alcohol Level IN ('unknown','others')
Psychophysical Circumstances	PC - Drugs or medicine or fatigue	All accidents with driver influenced by (legal or illegal) drugs, medicine or fatigue.	Psychophysical Circumstances IN ('drugs or medicine','drugs or medicine or fatigue','fatigue')
Psychophysical Circumstances	PC - Others, none	All accidents with driver which sudden illness (e.g.: heart attack) caused the accident.	Psychophysical Circumstances IN ('sudden illness','others, none')
Psychophysical	PC - Others	All accidents with driver's	Psychophysical Circumstances IN ('others')



Circumstances		psychophysical circumstances are others than above situation.	
Psychophysical Circumstances	PC – Unknown	All accidents with driver’s psychophysical circumstances are unknown.	Psychophysical Circumstances IN ('unknown')
Security Equipment	SE - Crash helmet (Driver)	All accidents wherein a crash helmet is used/not used or unknown.	Security Equipment IN ('crash helmet not used', 'crash helmet unknown','crash helmet used') and Person Class = 'driver'
Security Equipment	SE - Seat Belt (Driver)	All accidents wherein a seat belt is used/not used or unknown.	Security Equipment IN ('seat belt not used', 'seat belt unknown','seat belt used') and Person Class = 'driver'
Security Equipment	SE – Unknown	All accidents wherein a security equipment is unknown.	Security Equipment IN ('unknown')
Security Equipment	SE – Others	All accidents wherein a security equipment is not collected or not applicable.	Security Equipment IN ('no data collected','not applicable')

1.10 Special complex conditions

Universe’s predefined conditions	Description	Definition
At least one type of veh. in Acc	All accidents in which a vehicle of type given in the user prompt is involved.	DIMENSION_VEHICLE2.VEHICLE_TYPE in @Prompt('Choose vehicle type involved in the accident','A','Vehicle type',MULTI,CONSTRAINED)
At least one group of veh. in Acc	All accidents in which a vehicle of group given in the user prompt is involved.	fact_accident.accident_key in (select fact_accident.accident_key from fact_accident, dimension_vehicle where Vehicle Group in @Prompt('01-factChoose vehicle group involved in the accident ','A','Vehicle Group',MULTI,CONSTRAINED) and fact_accident.dim_vehicle_key = dimension_vehicle.dim_vehicle_key)
At least one pedestrian	All accidents in which only one pedestrian is involved!	DIMENSION_VEHICLE2.VEHICLE_TYPE = 'pedestrian'
Without pedestrian	All accidents in which no pedestrian is involved!	fact_accident.accident_key not in (select fact_accident.accident_key from fact_accident, dimension_person_1 where dimension_person_1.person_class = 'pedestrian' and fact_accident.dim_person_1_key = dimension_person_1.dim_person_1_key)

1.11 Vehicle type items

Class / Sub-Class	Universe’s predefined conditions	Description	Definition
Manoeuvre (Vehicle or Driver)	VM - Changing Lanes, Overtaking	All accidents wherein a vehicle is changing lanes or overtaking another vehicle.	Manoeuvre (Vehicle or Driver) IN ('changing lane','overtaking','overtaking on the left','overtaking on the right')
Manoeuvre (Vehicle or Driver)	VM - Reversing	All accidents wherein a vehicle is reversing.	Manoeuvre (Vehicle or Driver) = 'reversing'
Manoeuvre (Vehicle or Driver)	VM - Stopped/Stopping	All accidents wherein a vehicle is stopping or stopped.	Manoeuvre (Vehicle or Driver) IN ('stopped','stopped/stopping','stopping')
Manoeuvre (Vehicle or Driver)	VM - Straight Ahead	All accidents wherein a vehicle is moving straight ahead.	Manoeuvre (Vehicle or Driver)= 'straight ahead'
Manoeuvre (Vehicle or Driver)	VM - Turning	All accidents wherein a vehicle is turning.	Manoeuvre (Vehicle or Driver) IN ('turning left','turning right','u turn')
Manoeuvre (Vehicle or Driver)	VM - Other	All accidents wherein a vehicle manoeuvre is not all of above cases (other) or not applicable.	Manoeuvre (Vehicle or Driver) IN ('other','not applicable')
Manoeuvre (Vehicle or Driver)	VM - Unknown	All accidents wherein a vehicle manoeuvre is unknown.	Manoeuvre (Vehicle or Driver) IN ('unknown')



Chapter 3 : Notes

1.12 Type of involved person

Killed	<p>Definition: Death within 30 days of a road accident (UN/ECE Geneva 1995 - Statistics of Road Traffic Accidents in Europe and North America, annex 1), except A (3 days before 1992), E (24 hours in CARE; 24 hours before 1993 in publication), F (6 days), GR (24 hours), I (7 days), P (24 hours). Suicide not included (except DK, E, F). Natural death not included (except L, S).</p> <p>Data availability:: All countries.</p>
Injured	<p>Definition: Injured in a road accident. Hospitalisation or medical treatment not necessarily required (except F). Self declaration of injury (D if slight; FIN, GB, I, IRL, NI). Opinion of the police.</p> <p>Note : see 'seriously injured', 'slightly injured' definitions.</p> <p>Data availability : All countries.</p>
Seriously injured	<p>Definition: Injured in a road accident. Hospitalised at least 6 days (F). Hospitalised at least 24 hours (B, D, E from 1993 onwards, GR, L,.P). Hospitalised as inpatient (DK, NL). Not hospitalised, hospitalised for observation or as inpatient (GB, IRL, NI). No reference to hospitalisation (A, S). Opinion of the police (except B, E from 1993 onwards, F, L, NL, P). Police guidance provided (DK, E before 1993, GB, IRL, NI). Persons died 30 days after accident included (except F, L, P).</p> <p>Data availability: All countries (except FIN, I).</p>
Slightly injured	<p>Definition: Injured in a road accident. Hospitalised 6 days or less (F). Hospitalised less than 24 hours (B, D, E, GR, P). Not hospitalised (DK, GB, IRL, NI, NL). Medical treatment required (DK, F, L, P). Police guidance provided (DK, E before 1993, GB, IRL, NI). Opinion of the police.</p> <p>Data availability: All countries (except FIN, I).</p>

1.13 Definition of measures

1.13.1 Accident

Definition: Occurs on a public road or on a private road to which the public has right of access (except B, NL, P). Involves atleast one moving vehicle (except P, UK). Involves at least one injured or killed person. Is reported by the police. Self reporting possible (B, EL, IRL, I, UK). Self reporting not possible (DK, D, NL, A, P, FIN). Confirmed suicides excluded (B, D, DK, IRL, NL, A, P, UK). Confirmed suicides included (E, I, L).

Note : The variation in the types of road and the coverage of the injury categories included in injury accidents, together with differences in the level of self reported accidents, will lead to significant variations in the number of injury accidents reported, and their reporting rate, between Member States.

1.13.2 All Persons

Definition: Sum of all victims and all unknowns. Therefore, aggregation of the following injury severities:

- SERIOUSLY INJURED AS REPORTED
- SLIGHTLY INJURED
- INJURED



- KILLED AS REPORTED
- UNKNOWN

1.13.3 Injured (not specified)

Definition: INJURED (no specification of slight or serious injury). Injured in a road accident. Hospitalisation or medical treatment not necessarily required (except F). Self declaration of injury (D if slight; FIN, GB, I, IRL, NI). Opinion of the police.
Aggregation of the following. injury severities:
- SERIOUSLY_INJURED_AS_REPORTED + SLIGHTLY_INJURED + INJURED

Note : see 'seriously injured', 'slightly injured' definitions.

Data availability : All countries.

1.13.4 Injured at 30 days

Definition : Injured with application of correcting coefficient as stated for the 'Killed at 30 days'.
Aggregation of the following. injury severities:
- SERIOUSLY INJURED AS REPORTED + SLIGHTLY INJURED + INJURED - 1 COEFFICIENT

1.13.5 Killed

Definition : Death within 30 days of a road accident (UN/ECE Geneva 1995 - Statistics of Road Traffic Accidents in Europe and North America, annex 1), except A (3 days before 1992), E (24 hours in CARE ; 24 hours before 1993 in publication), F (6 days), GR (24 hours), I (7 days), P (24 hours). Suicide not included (except DK, E, F). Natural death not included (except L, S).

Data availability : All countries.

1.13.6 Killed at 30 days

Definition : Death within 30 days with application of correcting factors. Aggregation of the following. injury severities:
- KILLED AS REPORTED + 1 COEFFICIENT

1.13.7 Not Injured

Definition: Not injured in an accident. Person does not require medical treatment (A, DK, E, F, FIN, IRL, L). Opinion of the police (A, B, DK, IRL, S).

Note : Uninjured drivers are included. Uninjured passengers may be included (A, E, F, FIN, IRL, L). Uninjured pedestrians may be included (except GR, I, P).

Data availability : All countries (except GB, NI, NL : not injured drivers implicitly included in vehicle record).

1.13.8 Seriously Injured

Definition: Injured in a road accident. Hospitalised at least 6 days (F). Hospitalised at least 24 hours (B, D, E from 1993 onwards, GR, L, P). Hospitalised as in-patient (DK, NL). Not hospitalised, hospitalised for observation or as in-patient (GB, IRL, NI). No reference to hospitalisation (A, S). Opinion of the police (except B, E from 1993 onwards, F, L, NL, P). Police guidance provided (DK, E before 1993, GB, IRL, NI). Persons died 30 days after accident included (except F, L, P).



Data availability : All countries (except FIN, I)

1.13.9 Seriously Injured at 30 days

Definition: Seriously injured with application of correcting coefficient as stated for the 'Killed at 30 days'.
Aggregation of the following injury severities:
- SERIOUSLY_INJURED_AS_REPORTED + 1 COEFFICIENT

1.13.10 Slightly Injured

Definition: Injured in a road accident. Hospitalised 6 days or less (F). Hospitalised less than 24 hours (B, D, E, GR, P). Not hospitalised (DK, GB, IRL, NI, NL). Medical treatment required (DK, F, L, P). Police guidance provided (DK, E before 1993, GB, IRL, NI). Opinion of the police.

Data availability : All countries (except FI, IT,EE).

1.13.11 Unknown

Definition: Sum of the cases for which no injury severities were reported.

1.13.12 Vehicles

Definition: Number of vehicles reported regardless its type.

1.13.13 Victims

Definition: Aggregation of the following injury severities:
- SERIOUSLY INJURED AS REPORTED
- SLIGHTLY INJURED
- INJURED
- KILLED AS REPORTED

**Chapter 4 : History Document**

Version	Comments/Remarks/what changed?
1.8	AB (17/1/2007) : Added EE.
1.7	AB (24/8/2006) : Changed data availability all variables.
1.6	<p>- In chapter 3, the '1.12 Summarizing measures' section has been removed from the document</p> <p>- In Chapter 3, sections 'type of involved persons' and 'Definition of measures' are given in another way. First the definition of type of involved persons and next, the definition of measures.</p> <p>- A text 'Situation at: 15/07/2006' has been added in the footer. The situation date is the date when the definitions of all objects/variables/values were updated in the Glossary.</p> <p>- Due to the fact that only a few countries provided information about alcohol test and alcohol level, those data are not enough representative of the variables. For all those reasons, these variables have been temporarily deactivated. Their definition are set in grey in the glossary</p>
1.5	<p>- Change description of Road Surface condition variable: add value "snow", "frost/ice" and "snow, frost or ice"</p> <p>- Reference to Care Plus 1 and Care Plus 2 have been removed and changed into 'Care'.</p> <p>- The old glossary provided short definitions for each common variable derived in both the CARE PLUS 1 and CARE PLUS 2 projects, and includes short definitions of CARE common values. The glossary was being implemented in the CARE system as an important on-line support for users.</p> <p>The CARE PLUS glossary had been derived from CARE PLUS definition grids which contain detailed information on each common value for each Member State.</p> <p>The glossary has two components:</p> <p>a) A definition of the common value</p> <p>b) The availability of the common value in the data file for each Member State.</p> <p>From now on, Care Plus 1 and Care Plus 2 variables have been merged in one section and the glossary has been renamed in 'Care glossary'.</p> <p>- Add definition of Care on the first page</p> <p>- Take out "Sum of xxxx" and "Number of xxxx" from the glossary and BO objects</p> <p>- Reorder the variables in the document taking into account the importance, and group the variables by their meaning (see BO order)</p> <p>- Vehicle group values : all "includes "must be converted in Uppercase format.</p>
1.4	<p>- Content table changed.</p> <p>- Nationality and Nationality group have been moved to section 'Person Type Item'</p> <p>- add sentence about coefficient for accidents</p> <p>- add definition of accidents, killed</p> <p>- Merge of CPI and CP2 sections</p> <p>- Person Severity/Severity renamed in Person Injury/Accident Severity</p> <p>- Motorway definition</p> <p>- 'not applicable' mentioned for Car passenger type, Alcohol level, Alcohol test, Alcohol Level,</p>



	<p><i>Psychophysical circumstances, Pedestrian movement, Driving license age, Security equipment in the glossary.</i></p> <ul style="list-style-type: none"> - <i>'Not a passenger' is a value of car passenger type</i> - <i>Pedestrian movement <> not a pedestrian</i>
1.3	<p><i>Here are modifications made in the glossary document :</i></p> <ul style="list-style-type: none"> - <i>change definition of following variables:</i> <ul style="list-style-type: none"> - <i>Carriageway Type</i> - <i>Registration Country Group</i> - <i>Psychophysical Circumstances</i> - <i>add chapter about predefined conditions</i> - <i>format changes of table of content</i>
1.2	<p><i>Here are modifications made in the glossary document :</i></p> <ul style="list-style-type: none"> - <i>format changes of table of content</i> - <i>add new variables and new definitions :</i> <ul style="list-style-type: none"> - <i>Severity</i> - <i>Junction</i> - <i>Age Group</i> - <i>Age Group05</i> - <i>Age Group10</i> - <i>Driving Licence Age Group</i> - <i>Speed Limit Group</i> - <i>Vehicle Group</i> - <i>Registration Country Group</i> - <i>Nationality Group</i> - <i>Lighting</i> - <i>Change definition of following variables :</i> <ul style="list-style-type: none"> - <i>Road Surface Condition : add value 'Wet, damp, flood'</i> - <i>Junction Control : add 'authorised person' and 'Automatic traffic system'</i> - <i>Movement Pedestrian : new values replacing old ones.</i> - <i>Alcohol Test : 'refused' value has been removed</i> - <i>Vehicle Age</i> - <i>Registration Country</i> - <i>Speed Limit</i> - <i>Manoeuvre Vehicle or Driver</i> - <i>Vehicle Type : Bus or Coach replaces 'bus, more...' and pedestrian has been added</i> - <i>Nationality</i>
1.1	<i>Correction made</i>
1.0	<i>initial version</i>