European Commission

European Road Safety Observatory

Annual statistical report on road safety in the EU 2021

Data up to and including the year 2020

Contract	This document has been prepared in the framework of the EC Service Contract MOVE/C2/SER/2019-100/SI2.822066 with Vias institute (BE) and SWOV Institute for Road Safety Research (NL).
Version	Version 2.0, April 2022
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1 Introduction

In 2020, road crashes in the Member States of the European Union claimed about 18 800 lives and left more than 0.5 million people injured. This report presents a wide range of statistical tables containing road safety data from the CARE database for the 27 EU Member States and the four EFTA countries. EFTA member Liechtenstein has limited data and is therefore only included in a small number of tables.

The report is divided into four sections. Section 1 contains this introduction and some general notes. Section 2 presents the main road safety trends in the number of crashes leading to death or injury and the absolute and relative development of the number of road fatalities. In this section, changes in the number of seriously injured are also included, but should be treated with caution as definitions vary significantly between countries. Section 3 contains detailed data on fatalities by age groups, gender and mode of transport where available. Section 4 provides an insight into time patterns and, light and weather conditions of fatal crashes.

1.1 The CARE Database

CARE is a Community database on road accidents (commonly referred to as “crashes”) resulting in death or injury (there are no statistics on damage-only accidents). The legal basis for CARE is the Council Decision on the creation of a Community database on road accidents (93/704/EC , OJ No L329 of 30.12.1993, pp. 63-65). The Decision obliges Member States to provide an-nual data on road accidents but does not specify the content. The variables to be collected and disseminated were subsequently discussed and agreed upon by Member States and the Commission. In this regard, a CARE expert group composed of national representatives meets 1-2 times per year to discuss issues related to the database, the variables as well as the col-lection, processing and dissemination of data. The major difference between CARE and most other existing international databases is the high level of disaggregation, i.e. CARE comprises detailed data on accidents, individuals and vehicles involved in the accident itself, 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 pos-sibilities in the field of accident analysis. The main purpose is to provide evidence to identify and quantify road safety problems throughout the EU roads, evaluate the efficiency of road safety measures, determine the relevance of EU actions and facilitate the exchange of experi-ence in this field. Member States officials have access to the disaggregated CARE data through a dedicated reporting tool.

National data sets are integrated into the CARE database using their original national structure and definitions, with confidential data blanked out. However, transformation rules are imple-mented in the CARE database in order to increase data compatibility and thus enhance the functioning of the system.

1.2 Notes

The statistical tables and figures contained in this report provide an overview of road accident data for 2010 and the last 9 years ending on 2020. For some figures, sources other than CARE have been used in order to give a more complete overview of EU road crash data.

In all tables and figures, the European Union refers to the present union of 27 countries. The data in this report result from a number of separate extractions of the CARE/Cadas-database. In case of missing years for some of the countries, the last reported year is shown in some of the tables.

Data in CARE/Cadas are not complete. Countries have their own registration systems that are not always compatible with the way data are recorded in the CARE/Cadas structure. Some countries have not provided data for certain years or are lagging behind. Reported data are sometimes incomplete, implying that some breakdowns of data are not possible or that certain categories are not visible in a breakdown. When, due to a lack of data, a breakdown table was impossible for a specific country, the country was removed from the table. A note below the table gives a list of the omitted countries. If categories are missing for a country, this is indicated in tables with a small dash, in contrast to zero cases which are shown as 0.

Missing data are a problem for the calculation of EU totals. In cases where variables were never reported for a country, the EU total is calculated without that country. In some cases, data are missing for only one or a few years. In these cases, the data are imputed to estimate the contribution of the country to the EU total. Imputed data for a single country are not shown in any of the tables or graphs.

Imputation rules are as follows:

- in case of data missing between available data for other years: linear interpolation. - in case of missing data in previous years of the time series: copy the value of the first available year in the time series.

- in case of missing data for the last year(s) in a time series: copy the values for the last available year. The EU totals were subsequently calculated using the imputed values.

Calculation of reliable percentages, e.g. for tables 27-34, requires a minimum number of cases. Countries with less than 10 fatalities per year for a transport mode will not be shown in these tables.

Production chain:
Data extractions from the CARE/Cadas database and additional data provided by the European Commission are stored in a local SQL (Structured Query Language) database, keeping track of different versions of the data, converting variable names to concise versions. Data are combined and enriched with metadata in an ETL (Extraction, Transform, Load) scheme. Data are subsquently extracted from this local database using R (studio)[1]. Data transformations and imputations are all executed in the R-environment. This report is generated in R Markdown and converted to PDF-format using Knitr[2]. Programming code is main-tained in a project-shared GIT-repository[3].

[1]https://rstudio.com/products/rstudio/

[2]A General-Purpose Package for Dynamic Report Generation in R

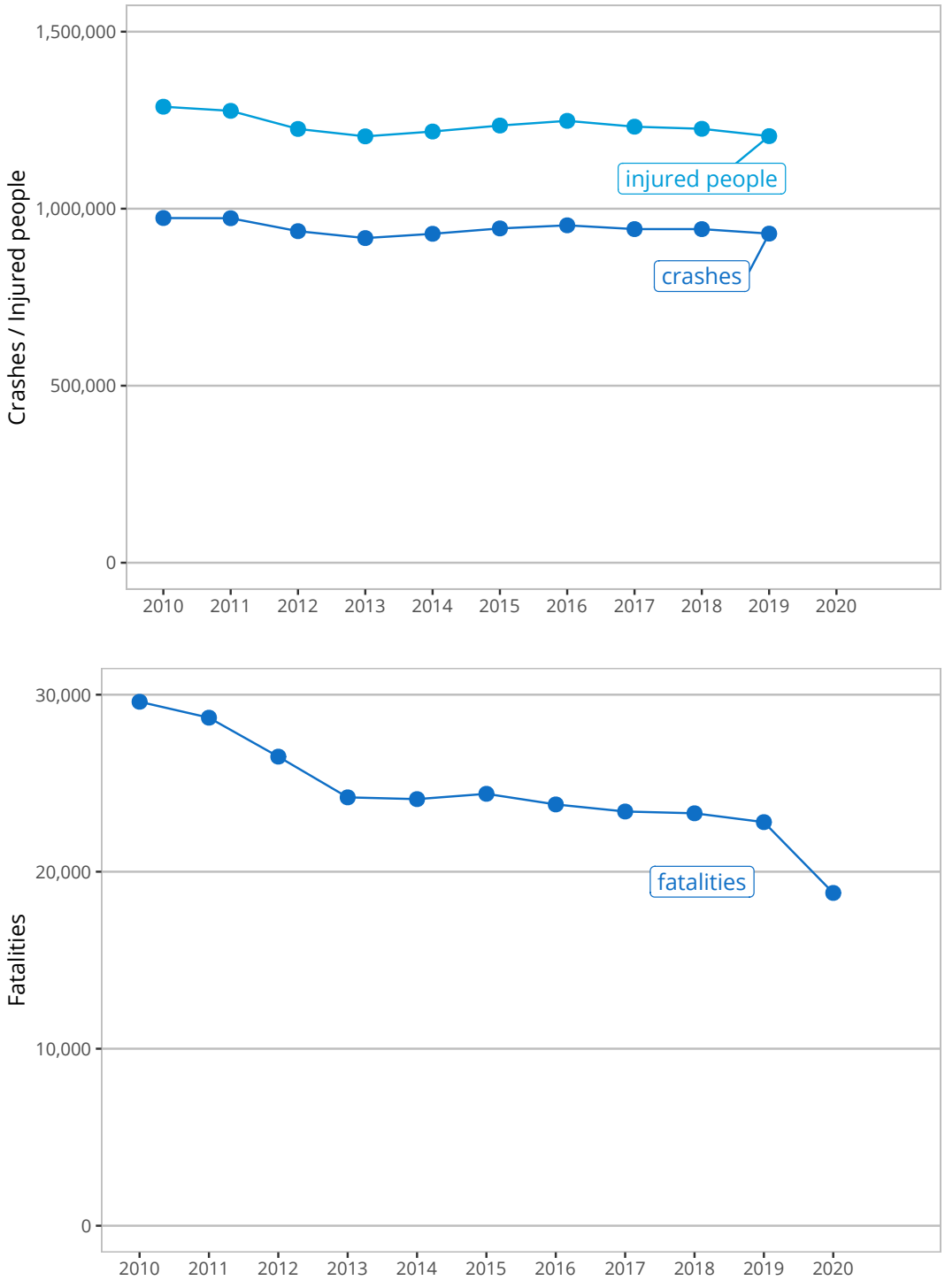
https://www.rdocumentation.org/packages/knitr

[3]https://git-scm.com/about

2 Overview

2.1 EU trends in the number of crashes, injuries and fatalities

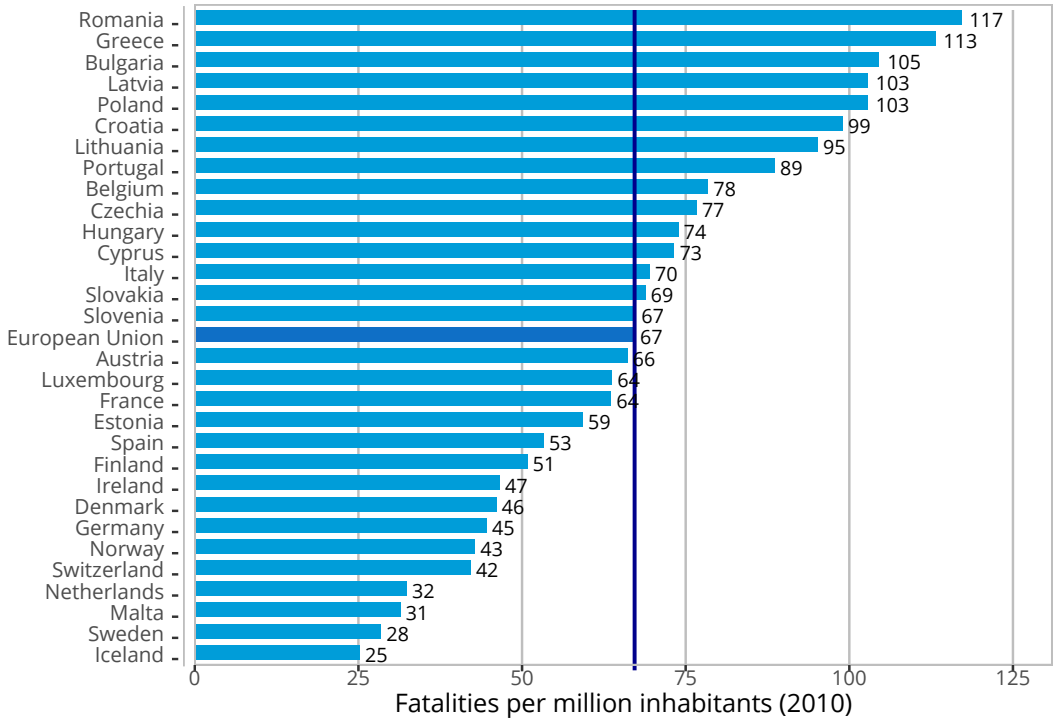
Figure 1. Road crashes, fatalities and injured people in the European Union.

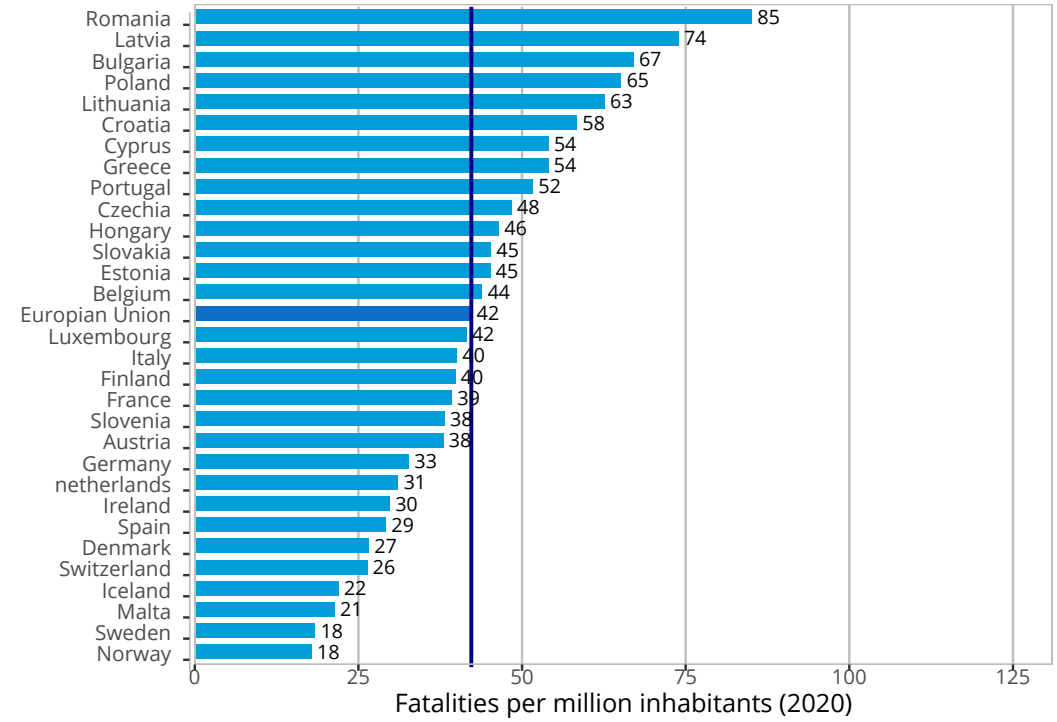


2.2 Trends in individual countries

2.2.1 Mortality

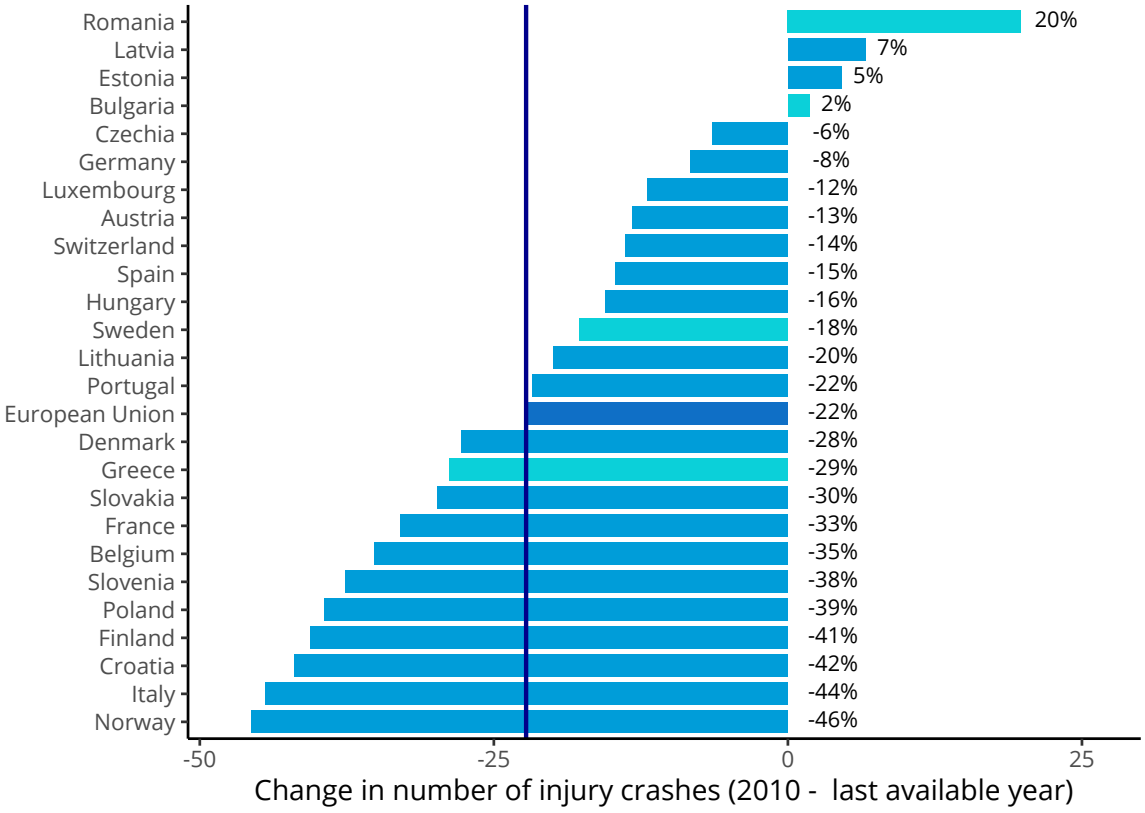
Figure 2. Fatalities per million inhabitants in the EU, 2020 compared to 2010.





2.2.2 Trend in the number of crashes leading to injury or death.

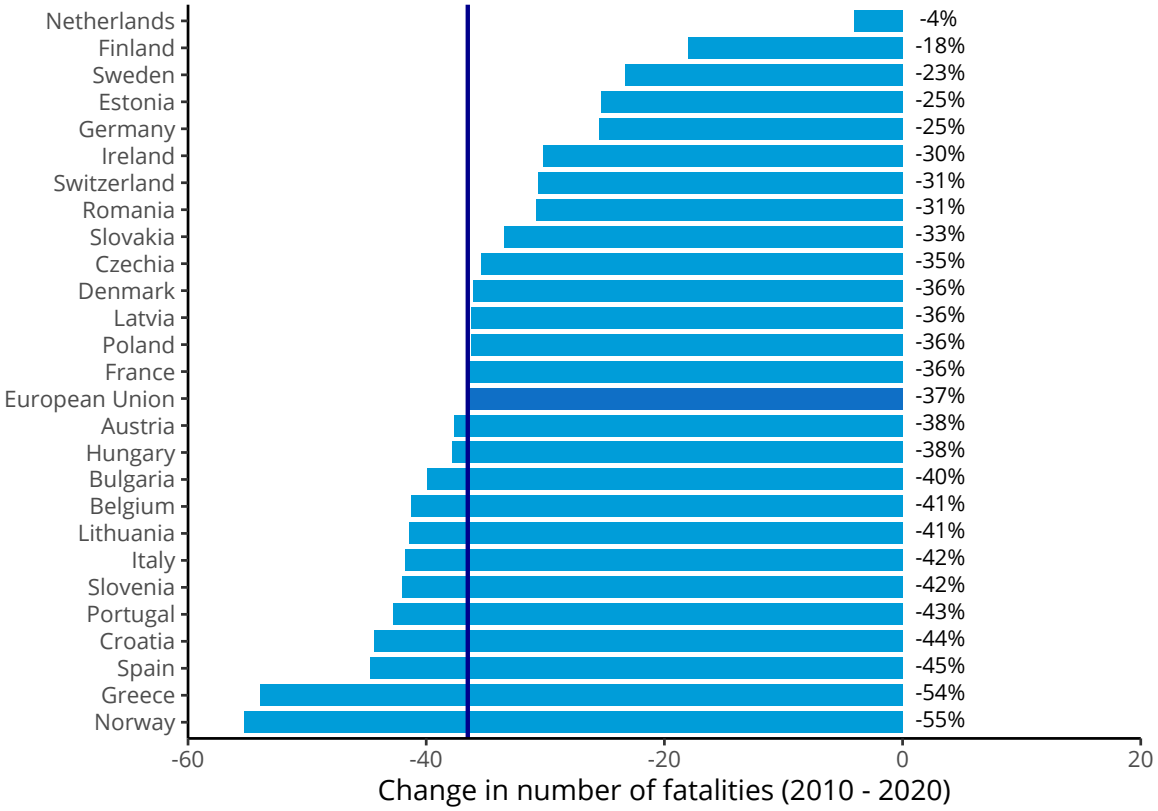
Figure 3. Long-term change in the number of crashes leading to injury or death in the 27 EU countries and 3 EFTA countries (2010 : 2020*)



Missing crash data for Ireland in one or both of these years.
The number of crashes for Cyprus, Iceland and Malta are too small to show reliable changes, the results were omitted from the graph.
The total number of crashes in the EU for 2020 is still uncertain because it is based on data from a limited number of Member States.
The changes in the number of crashes for Netherlands (58%) were omitted from the graph to ensure readability.
*For countries with missing crash data in 2020 the reduction was calculated for period 2010-2019, these countries are depicted in cyan.

2.2.3 Trend in the number of fatalities

Figure 4. Long-term change in the number of road fatalities in the 27 EU countries and 3 EFTA countries (2010-2020)



The change in the number of fatalities for Cyprus (-20%), Iceland (0%), Luxembourg (-19%) and Malta (-15%) were omitted because the numbers of fatalities are small and subject to annual fluctuations.

Table 1. Annual number of crashes resulting in injuries or death by country (2010, 2012-2020).

country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	46 603	51 067	42 133	42 447	41 259	41 154	40 599	41 850	42 122	30 232
Bulgaria	6 610	6 716	7 016	7 019	7 226	7 404	6 888	6 684	6 730	-
Czechia	19 675	20 503	20 342	21 054	21 561	21 387	21 263	21 890	20 806	18 419
Denmark	3 498	3 124	2 984	2 881	2 853	2 882	2 789	2 964	2 808	2 527
Germany	288 297	299 637	291 105	302 435	305 659	308 145	302 656	308 721	300 143	264 499
Estonia	1 348	1 383	1 382	1 436	1 391	1 467	1 405	1 474	1 413	1 409
Ireland	5 779	5 610	4 976	5 796	5 831	5 877	0	0	0	-
Greece	15 032	12 398	12 109	11 690	11 440	11 318	10 848	10 737	10 712	-
Spain	85 503	83 115	89 519	91 570	97 756	102 362	102 233	102 299	104 080	72 959
France	67 288	60 437	56 812	58 191	56 600	57 515	58 609	108 476	109 051	45 117
Croatia	13 274	11 774	11 228	10 607	11 038	10 779	10 939	10 450	9 694	7 709
Italy	212 997	188 228	181 660	177 031	174 539	175 791	174 933	172 553	172 183	118 298
Cyprus	1 198	919	774	758	660	650	608	499	490	341
Latvia	3 193	3 358	3 489	3 728	3 692	3 792	3 875	3 975	3 729	3 403
Lithuania	3 530	3 392	3 391	3 256	3 031	3 186	3 051	2 925	3 189	2 826
Luxembourg	876	1 019	949	908	983	941	955	947	987	771
Hungary	16 308	15 174	15 691	15 847	16 331	16 627	16 489	16 951	16 627	13 778
Malta	577	1 270	1 208	1 449	1 377	1 437	1 497	1 346	1 342	-
Netherlands	10 778	4 966	9 522	13 358	18 523	18 749	18 706	19 270	19 046	17 043
Austria	35 348	40 831	38 502	37 957	37 960	38 466	37 402	36 846	35 736	30 670
Poland	38 832	37 046	35 847	34 970	32 967	33 664	32 760	31 674	30 288	23 540
Portugal	35 426	29 867	30 339	30 604	31 953	32 299	34 416	35 816	37 251	27 725
Romania	25 995	26 928	24 827	25 355	28 944	30 751	31 106	30 202	31 146	-
Slovenia	7 659	6 857	6 568	6 263	6 578	6 494	6 185	6 013	6 023	4 776
Slovakia	6 131	5 370	5 111	5 064	5 172	5 273	5 330	5 335	5 105	4 302
Finland	6 072	5 725	5 334	5 299	5 185	4 752	4 432	4 312	4 002	3 608
Sweden	16 627	16 636	14 942	13 091	14 703	14 086	14 951	14 233	13 684	-
European Union	974 454	943 350	917 760	930 064	945 212	957 248	944 925	998 442	988 387	757 566
Iceland	883	742	822	808	912	986	952	868	770	727
Norway	6 434	6 153	5 241	4 972	4 563	4 195	4 086	3 895	3 580	3 502
Switzerland	19 609	18 148	17 473	17 803	17 736	17 577	17 799	18 033	17 761	16 897

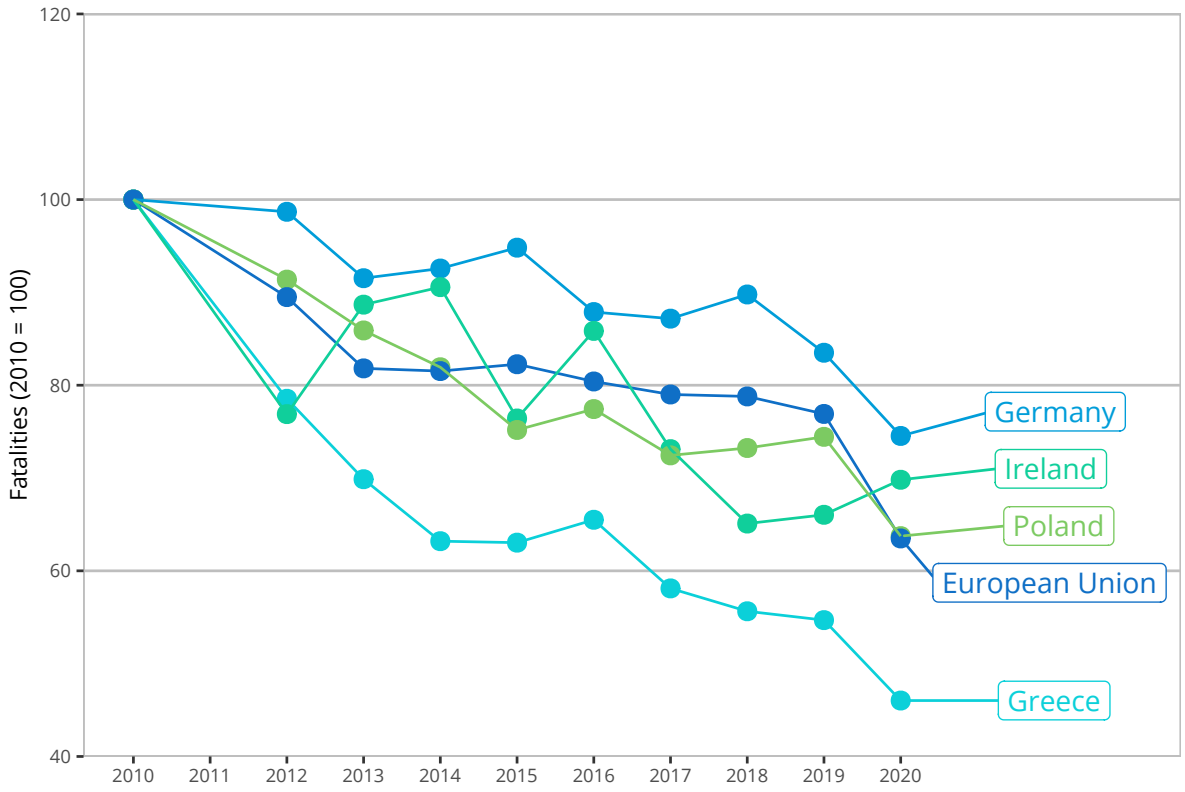
EU totals were derived by imputation.
Missing data for some countries and years are marked with a dash (-).
The total number of crashes in the EU for 2020 is still uncertain because it is based on data from a limited number of Member States.

Table 2. Annual number of fatalities by country (2010, 2012-2020).

country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	850	827	764	745	762	670	609	604	646	499
Bulgaria	776	601	601	661	708	708	682	610	628	466
Czechia	802	742	654	688	734	611	577	656	618	518
Denmark	255	167	191	182	178	211	175	171	199	163
Germany	3 648	3 600	3 339	3 377	3 459	3 206	3 180	3 275	3 046	2 719
Estonia	79	87	81	78	67	71	48	67	52	59
Ireland	212	163	188	192	162	182	155	138	140	148
Greece	1 258	988	879	795	793	824	731	700	688	579
Spain	2 479	1 902	1 680	1 688	1 689	1 810	1 830	1 806	1 755	1 370
France	3 992	3 653	3 268	3 384	3 459	3 471	3 444	3 246	3 237	2 538
Croatia	426	393	368	308	348	307	331	317	297	237
Italy	4 114	3 753	3 401	3 381	3 428	3 283	3 378	3 334	3 173	2 395
Cyprus	60	51	44	45	57	46	53	49	52	48
Latvia	218	177	179	212	188	158	136	148	132	139
Lithuania	299	302	256	267	242	188	191	173	186	175
Luxembourg	32	34	45	35	36	32	25	36	22	26
Hungary	740	605	591	626	644	607	625	633	602	460
Malta	13	9	17	10	11	23	19	18	32	11
Netherlands	537	562	476	476	531	533	535	598	586	515
Austria	552	531	455	430	479	432	414	409	416	344
Poland	3 908	3 571	3 357	3 202	2 938	3 026	2 831	2 862	2 909	2 491
Portugal	937	718	637	638	593	563	602	700	688	536
Romania	2 377	2 042	1 861	1 818	1 893	1 913	1 951	1 867	1 864	1 646
Slovenia	138	130	125	108	120	130	104	91	102	80
Slovakia	371	352	251	295	310	275	276	260	270	247
Finland	272	255	258	229	270	258	238	239	211	223
Sweden	266	285	260	270	259	270	253	324	221	204
European Union	29 611	26 500	24 226	24 140	24 358	23 808	23 393	23 331	22 772	18 800
Iceland	8	9	15	4	16	18	16	18	6	8
Liechtenstein	0	1	2	3	2	0	2	0	0	1
Norway	208	145	187	147	117	135	106	108	108	93
Switzerland	327	339	269	243	253	216	230	233	187	227

Missing values were supplemented by the EC.
Provisional figures for Greece 2020, Ireland 2018-2020, Finland 2020
Netherlands - The number of fatalities registered by the police is under-reported and equates to around 85-90% of the total number of fatalities published nationally by CBS-Statistics Netherlands. In 2020, the overall total was 610.
Portugal - From 2018 onwards, data includes the NUTS I regions Região Autónoma dos Açores (PT2) and Região Autónoma da Madeira (PT3).

Figure 5. Relative number of fatalities by selected countries[4] (2010-2020).



[4]Data, pivot table and graphs for all countries can be found in the Excel workbook accompanying this report.

Table 3. Annual number of fatal accidents by country (2010, 2012-2020).

country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	805	823	719	711	720	640	597	597	648	468
Bulgaria	659	527	520	572	612	616	574	517	557	-
Czechia	742	687	606	623	668	560	544	597	564	471
Denmark	231	156	173	168	172	195	165	164	193	150
Germany	3 387	3 375	3 131	3 187	3 277	3 016	2 977	3 096	2 877	2 582
Estonia	70	82	74	72	61	63	44	64	51	55
Ireland	185	152	179	178	155	171	-	-	-	-
Greece	1 142	908	814	739	741	772	679	645	656	-
Spain	1 953	1 709	1 488	1 512	1 559	1 663	1 672	1 679	1 651	1 275
France	3 706	3 386	3 020	3 146	3 158	3 222	3 217	3 048	3 125	2 400
Croatia	402	355	328	284	317	279	307	297	279	214
Italy	3 871	3 515	3 161	3 175	3 236	3 105	3 178	3 086	2 982	2 275
Cyprus	56	51	41	44	56	45	49	44	52	48
Latvia	198	161	169	182	172	144	125	132	119	130
Lithuania	-	-	230	243	223	178	178	161	170	156
Luxembourg	29	34	41	31	33	29	24	31	22	24
Hungary	649	541	540	573	585	565	575	567	530	423
Malta	13	-	-	-	11	23	17	17	15	-
Netherlands	500	532	456	455	505	506	510	554	552	496
Austria	515	501	435	411	445	415	394	394	381	322
Poland	3 504	3 246	3 062	2 954	2 687	2 757	2 623	2 638	2 672	2 286
Portugal	857	667	585	603	554	529	578	652	601	511
Romania	2 103	1 833	1 657	1 621	1 685	1 713	1 742	1 698	1 701	-
Slovenia	127	122	116	97	112	125	101	87	91	73
Slovakia	345	-	-	-	-	259	245	241	239	226
Finland	241	235	244	208	246	239	219	216	195	208
Sweden	249	258	247	254	240	243	233	298	200	-
European Union	26 769	24 426	22 359	22 348	22 506	22 072	21 738	21 691	21 294	18 093
Iceland	7	9	14	3	16	18	13	15	6	7
Norway	190	139	170	135	102	128	102	100	100	89
Switzerland	313	301	257	229	238	208	219	228	179	224

Limited data available for Ireland, Malta and Slovakia.
EU totals were derived by imputation.
Missing data for some countries and years are marked with a dash (-).

Table 4. Annual number of seriously injured by country (2010, 2012-2020).

country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	5 606	4 736	4 581	4 484	4 181	4 095	3 762	3 636	3 600	2 968
Bulgaria	2 451	2 204	2 304	2 175	2 295	2 503	1 951	1 983	1 937	-
Czechia	2 788	2 934	2 721	2 714	2 487	2 530	2 287	2 395	2 061	1 760
Denmark	2 063	1 809	1 736	1 556	1 465	1 505	1 378	1 436	1 277	1 203
Germany	62 620	66 279	64 057	67 732	67 706	67 426	66 513	67 967	65 244	58 005
Ireland	561	474	508	755	826	956	-	-	-	-
Greece	1 709	1 399	1 212	1 016	999	879	706	727	652	-
Spain	11 994	10 445	10 086	9 574	9 495	9 755	9 546	8 935	8 613	6 681
France	30 393	27 142	25 966	26 635	26 593	27 174	27 732	-	-	-
Croatia	3 184	3 051	2 831	2 675	2 822	2 746	2 776	2 731	2 488	2 295
Cyprus	586	551	407	467	377	406	388	348	340	211
Latvia	569	493	452	434	479	525	496	542	461	490
Lithuania	-	-	579	536	426	742	368	165	308	376
Luxembourg	266	339	316	245	319	249	256	273	248	217
Hungary	5 671	4 921	5 369	5 331	5 575	5 541	5 630	5 559	5 485	4 655
Malta	204	299	265	292	306	293	312	317	305	-
Netherlands	4 119	2 330	2 442	2 131	13 327	13 502	13 075	13 470	12 425	10 222
Austria	10 777	8 017	7 344	7 434	7 486	7 566	7 664	7 631	7 384	6 650
Poland	11 491	12 049	11 672	11 696	11 200	12 078	11 103	10 941	10 633	8 805
Portugal	2 475	1 941	1 946	2 010	2 148	1 999	2 117	2 195	2 383	1 877
Romania	8 476	8 860	8 158	8 122	9 056	8 285	8 183	8 144	8 125	-
Slovenia	886	848	708	826	932	850	851	821	814	678
Slovakia	1 195	1 122	1 088	1 098	1 121	1 027	1 103	1 247	1 030	894
Finland	-	-	-	-	477	460	409	485	390	408
Sweden	2 887	2 976	2 716	2 389	2 445	2 347	2 275	2 195	1 951	-
Iceland	205	136	177	177	178	215	189	183	182	149
Norway	714	699	703	674	693	656	665	602	565	627
Switzerland	4 458	4 202	4 129	4 043	3 830	3 785	3 654	3 873	3 639	3 793

No data available for Estonia and Italy.
Limited data available for Ireland and Finland.
Definitions and registration differ significantly between countries. Trends within a country are usually meaningful unless registration changed during the reporting period (e.g. The Netherlands).
EU totals were omitted due to missing data for several Member Countries
Missing data for some countries and years are marked with a dash (-).

3 Fatalities: details

3.1 Fatalities by mode of transport

3.1.1 Pedestrians

Table 5. Annual number of pedestrian fatalities by country (2010, 2012-2020).

country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	108	117	109	107	94	81	95	74	92	65
Bulgaria	174	135	108	156	164	118	157	123	154	-
Czechia	168	163	162	130	150	130	129	142	111	95
Denmark	44	31	34	22	27	36	20	30	30	23
Germany	476	527	561	527	545	500	489	464	421	379
Estonia	14	29	23	26	24	22	10	12	11	14
Ireland	44	29	31	41	31	35	-	-	-	-
Greece	179	170	151	125	128	149	118	146	145	-
Spain	471	370	371	336	367	389	351	386	381	260
France	485	489	465	499	466	553	480	468	476	388
Croatia	105	72	69	73	61	67	56	65	61	38
Italy	621	576	551	578	602	570	600	612	534	409
Cyprus	13	10	8	10	16	14	15	8	13	13
Latvia	79	62	70	71	63	55	51	50	40	43
Lithuania	-	-	96	109	81	72	69	71	59	52
Luxembourg	1	6	5	3	7	8	4	3	2	4
Hungary	192	156	147	152	149	152	170	165	144	109
Malta	-	-	-	-	5	8	7	2	5	-
Netherlands	62	64	51	50	60	44	64	50	49	35
Austria	98	81	82	71	84	73	73	47	69	51
Poland	1 236	1 157	1 140	1 116	915	868	873	803	793	631
Portugal	195	159	144	145	146	123	130	163	140	101
Romania	868	728	726	697	649	717	733	690	729	-
Slovenia	26	19	20	14	16	22	10	13	15	7
Slovakia	126	-	-	-	-	80	55	72	80	49
Finland	35	29	34	36	32	29	27	25	15	22
Sweden	31	50	42	52	28	42	37	34	27	-
European Union	5 952	5 447	5 313	5 249	4 999	4 957	4 858	4 753	4 631	3 883
Iceland	2	2	1	0	1	2	0	0	1	0
Norway	24	22	18	18	12	15	11	13	13	15
Switzerland	75	75	69	43	58	50	47	43	37	36

EU totals were derived by imputation.
Missing data for some countries and years are marked with a dash (-).
Crashes involving pedestrians may be subject to under-registration.

3.1.2 Bicycles

Table 6. Annual number of bicycle fatalities by country (2010, 2012-2020).

country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	73	84	83	82	90	81	76	89	95	87
Bulgaria	27	32	31	29	29	35	22	21	27	-
Czechia	80	78	74	68	84	53	57	56	53	51
Denmark	26	22	33	30	26	31	27	28	31	27
Germany	381	406	354	396	383	393	382	445	445	426
Estonia	0	0	0	0	0	4	1	3	2	1
Ireland	5	8	5	13	10	10	-	-	-	-
Greece	23	21	15	19	11	18	11	12	22	-
Spain	67	74	70	75	58	67	78	58	80	71
France	147	164	147	159	149	162	173	175	187	178
Croatia	28	21	23	19	34	27	23	22	16	9
Italy	265	292	251	273	251	275	254	219	253	175
Cyprus	2	1	2	1	1	0	4	1	1	1
Latvia	13	18	13	16	9	7	11	9	9	17
Lithuania	-	-	18	19	22	12	13	8	10	12
Luxembourg	1	0	0	0	0	1	0	3	0	3
Hungary	92	84	68	98	83	73	81	68	63	40
Malta	0	-	-	-	0	1	0	1	0	-
Netherlands	119	145	112	133	125	131	138	160	148	158
Austria	32	52	52	45	39	48	32	41	33	40
Poland	280	300	306	286	300	271	220	285	258	249
Portugal	33	32	29	35	25	33	25	26	27	19
Romania	182	154	161	151	162	176	191	181	198	-
Slovenia	17	12	16	13	14	12	11	8	9	8
Slovakia	27	-	-	-	-	21	23	19	17	24
Finland	26	19	20	27	31	26	23	21	23	31
Sweden	21	28	14	33	17	22	26	23	17	-
European Union	1 985	2 091	1 922	2 044	1 975	1 990	1 912	1 992	2 034	1 901
Iceland	0	0	0	0	1	0	2	0	0	0
Norway	5	12	10	12	5	12	9	7	6	3
Switzerland	34	36	21	34	39	33	37	39	27	44

EU totals were derived by imputation.
Missing data for some countries are marked with a dash (-).
Crashes involving bicycles may be subject to under-registration.

3.1.3 Mopeds

Table 7. Annual number of moped fatalities by country (2010, 2012-2020).

country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	23	17	14	19	20	16	24	18	19	13
Bulgaria	5	4	6	8	11	8	11	7	2	-
Czechia	7	7	6	8	6	1	2	5	2	4
Denmark	11	14	11	13	19	8	9	10	13	8
Germany	74	93	73	87	62	68	59	78	63	53
Estonia	0	1	0	0	0	3	1	0	1	0
Greece	36	35	25	20	32	25	32	27	19	-
Spain	99	67	56	54	56	54	49	62	49	32
France	248	179	159	165	155	121	117	133	134	100
Croatia	15	16	14	11	14	10	8	4	9	5
Italy	206	127	125	112	105	116	92	108	88	59
Cyprus	3	3	0	4	2	2	2	2	0	0
Latvia	4	3	3	6	6	6	6	4	1	2
Lithuania	-	-	4	1	3	0	4	1	0	1
Luxembourg	0	0	0	0	0	0	0	0	1	0
Hungary	19	25	24	17	27	16	17	13	10	16
Malta	-	-	-	-	0	0	0	0	0	-
Netherlands	32	40	41	32	35	34	36	31	35	26
Austria	18	19	15	16	8	8	14	8	12	4
Poland	83	82	62	71	65	77	55	76	87	71
Portugal	77	57	51	43	42	44	43	42	36	26
Romania	114	99	39	30	34	33	17	18	18	-
Slovenia	7	3	4	2	1	3	4	2	3	6
Slovakia	-	-	-	-	-	8	2	3	2	10
Finland	9	7	5	3	2	5	5	3	3	2
Sweden	8	8	3	8	5	8	1	7	6	-
European Union	1 110	918	748	738	718	674	610	662	613	483
Iceland	0	0	0	0	0	0	0	0	0	0
Norway	0	4	3	2	1	1	1	2	0	1
Switzerland	4	3	8	1	3	6	2	5	5	6

No data available for Ireland.
EU totals were derived by imputation.
Missing data for some countries and years are marked with a dash (-).

3.1.4 Motorcycles

Table 8. Annual number of motorcycle fatalities by country (2010, 2012-2020).

country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	103	99	106	85	105	79	77	87	84	78
Bulgaria	42	48	49	47	50	-	2	4	5	-
Czechia	92	86	66	88	91	62	69	94	84	58
Denmark	22	10	15	18	19	26	11	21	27	11
Germany	635	586	568	587	639	536	583	619	542	499
Estonia	0	0	0	0	0	1	0	6	3	3
Ireland	17	19	26	24	22	22	-	-	-	-
Greece	367	282	271	278	237	240	216	190	228	-
Spain	386	304	302	287	329	343	359	359	417	313
France	734	692	658	649	614	613	669	627	615	479
Croatia	51	62	49	44	58	38	42	55	46	44
Italy	950	847	728	704	773	657	735	687	698	586
Cyprus	18	11	15	9	13	10	14	14	16	14
Latvia	17	7	10	10	7	12	1	3	1	6
Lithuania	-	-	15	13	13	10	10	13	19	17
Luxembourg	1	5	8	8	6	3	7	9	3	7
Hungary	49	39	58	58	50	48	43	49	64	42
Malta	3	-	-	-	2	9	2	8	4	-
Netherlands	60	53	29	51	43	44	53	42	45	44
Austria	68	68	87	76	83	85	83	102	79	74
Poland	259	261	253	237	208	244	231	238	295	244
Portugal	126	104	78	91	73	59	106	112	127	116
Romania	59	62	52	45	55	46	52	55	51	-
Slovenia	17	18	17	15	25	22	25	16	20	16
Slovakia	27	-	-	-	-	-	-	-	-	-
Finland	18	21	24	17	20	17	13	24	25	20
Sweden	37	31	40	31	44	36	39	47	29	-
European Union	4 173	3 760	3 553	3 501	3 606	3 315	3 491	3 530	3 576	3 037
Iceland	1	0	1	0	1	2	2	0	1	3
Norway	26	17	21	20	20	22	20	14	16	18
Switzerland	68	74	55	53	66	43	51	42	30	52

EU totals were derived by imputation.
Missing data for some countries and years are marked with a dash (-).

3.1.5 Cars

Table 9. Annual number of car occupant fatalities by country (2010, 2012-2020).

country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	450	402	367	392	375	343	285	275	306	221
Bulgaria	478	335	367	379	396	456	369	341	348	-
Czechia	403	368	308	347	365	328	279	333	329	269
Denmark	135	81	79	89	74	96	99	65	87	80
Germany	1 840	1 791	1 588	1 579	1 624	1 537	1 437	1 424	1 364	1 170
Estonia	44	42	41	33	35	33	27	21	20	7
Ireland	129	90	107	103	89	106	-	-	-	-
Greece	545	383	347	289	314	340	285	267	202	-
Spain	1 194	871	716	722	693	754	799	732	641	544
France	2 117	1 881	1 615	1 664	1 796	1 760	1 767	1 637	1 622	1 243
Croatia	205	186	195	141	164	148	187	154	141	126
Italy	1 832	1 695	1 491	1 497	1 476	1 477	1 472	1 423	1 411	1 018
Cyprus	19	18	16	15	24	10	14	15	14	18
Latvia	91	72	71	91	85	71	59	70	62	64
Lithuania	-	-	108	118	115	85	84	73	84	78
Luxembourg	27	22	30	24	16	19	13	19	16	9
Hungary	330	253	254	256	304	269	277	291	273	219
Malta	9	-	-	-	4	5	9	5	7	-
Netherlands	219	218	180	171	214	225	194	245	240	198
Austria	291	282	194	191	241	191	182	181	200	146
Poland	1 853	1 615	1 448	1 346	1 332	1 417	1 295	1 291	1 333	1 162
Portugal	367	255	214	223	214	225	204	238	235	198
Romania	973	798	721	724	787	785	812	737	682	-
Slovenia	44	53	40	41	38	45	30	32	28	29
Slovakia	171	-	-	-	-	127	156	120	124	128
Finland	159	147	152	121	159	150	133	146	123	127
Sweden	151	142	144	122	144	138	131	181	103	-
European Union	14 184	12 278	10 953	10 828	11 214	11 140	10 705	10 422	10 101	8 502
Iceland	4	6	11	3	12	13	9	12	3	5
Norway	127	73	105	72	67	67	57	61	61	41
Switzerland	129	104	103	97	75	75	78	79	65	71

EU totals were derived by imputation.
Missing data for some countries and years are marked with a dash (-).
Data include taxis.

3.1.6 Heavy goods vehicles

Table 10. Annual number of heavy goods vehicle (>3.5t) occupant fatalities by country (2010, 2012-2020).

country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	14	18	15	14	16	24	16	19	11	17
Bulgaria	30	21	24	23	32	-	0	0	0	-
Czechia	27	25	19	23	9	18	20	19	17	35
Denmark	2	0	1	1	2	3	2	3	2	2
Germany	87	154	148	72	84	70	72	95	80	61
Estonia	1	1	2	3	0	2	1	3	5	4
Ireland	2	2	2	3	1	3	-	-	-	-
Greece	14	11	7	12	11	6	9	10	4	-
Spain	71	50	43	48	59	55	57	58	55	45
France	65	56	57	56	56	55	51	44	36	33
Croatia	4	2	2	4	6	3	0	2	1	4
Italy	53	46	43	46	44	83	92	50	67	36
Cyprus	0	1	2	0	0	0	0	0	0	1
Latvia	0	4	3	5	5	3	4	3	3	3
Lithuania	-	-	6	4	3	3	3	2	3	2
Luxembourg	1	0	2	0	1	0	0	0	0	0
Hungary	11	15	13	14	11	12	7	14	12	9
Malta	0	-	-	-	0	0	0	0	0	-
Netherlands	4	7	7	6	9	6	7	7	5	4
Austria	7	4	6	9	8	13	8	4	2	5
Poland	142	104	90	92	74	114	-	36	26	31
Portugal	12	16	18	8	10	7	4	7	7	9
Romania	13	21	18	17	15	11	12	14	5	-
Slovenia	1	0	1	1	1	3	3	6	2	1
Slovakia	19	-	-	-	-	4	3	3	1	2
Finland	9	10	6	4	4	5	10	3	3	3
Sweden	5	2	5	5	5	6	3	4	3	-
European Union	600	592	553	480	473	525	462	409	353	322
Iceland	1	0	0	0	0	1	0	0	0	0
Norway	8	2	11	7	4	5	2	3	4	5
Switzerland	2	1	3	2	3	1	2	2	2	2

EU totals were derived by imputation.
Missing data for some countries and years are marked with a dash (-).

3.1.7 Lorries (<3.5t)

Table 11. Annual number of lorry occupant fatalities by country (2010, 2012-2020).

country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	39	31	38	27	37	38	29	30	17	11
Bulgaria	-	-	-	-	-	-	1	0	0	-
Czechia	18	7	15	16	15	17	12	2	13	0
Denmark	14	6	17	9	9	6	5	13	9	8
Germany	75	-	-	71	62	63	95	79	72	63
Ireland	8	10	12	5	5	5	-	-	-	-
Greece	62	51	38	35	44	31	43	31	49	-
Spain	116	98	69	111	93	88	98	93	86	57
France	146	145	132	142	120	130	99	92	98	59
Croatia	5	15	2	5	5	5	9	4	7	4
Italy	141	118	102	109	118	58	64	139	70	81
Cyprus	5	4	1	4	0	5	4	7	6	0
Latvia	0	4	5	6	3	2	1	2	8	1
Lithuania	-	-	1	2	1	3	2	1	1	5
Luxembourg	-	1	0	0	6	1	1	1	0	2
Hungary	24	20	17	25	17	15	24	25	31	20
Malta	0	-	-	-	0	0	0	0	0	-
Netherlands	22	16	15	7	15	24	21	21	22	21
Austria	10	15	15	10	12	10	16	11	10	15
Poland	-	-	-	-	-	-	-	83	84	73
Portugal	88	48	61	49	46	41	55	61	55	41
Romania	73	72	61	67	77	63	64	73	74	-
Slovenia	2	5	5	0	0	0	0	0	2	1
Slovakia	1	-	-	-	-	14	9	19	11	9
Finland	9	11	9	10	13	14	12	6	10	10
Sweden	7	16	5	8	10	6	5	12	26	-
European Union	951	855	782	811	803	723	757	810	766	635
Iceland	0	1	1	1	0	0	1	4	0	0
Norway	9	9	9	1	4	1	2	6	5	5
Switzerland	6	6	3	3	1	1	2	2	8	3

Data for Estonia was not available.
EU totals were derived by imputation.
Missing data for some countries and years are marked with a dash (-).

3.1.8 Buses and coaches

Table 12. Annual number of bus and coach occupant fatalities by country (2010, 2012-2020).

country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	1	4	5	4	4	0	1	2	1	1
Bulgaria	3	2	1	4	3	5	15	28	3	-
Czechia	1	2	2	3	1	0	4	3	3	3
Denmark	0	1	0	0	0	3	0	0	0	0
Germany	32	3	11	13	5	4	22	9	7	10
Estonia	4	2	2	8	1	1	0	1	2	0
Ireland	1	1	0	0	0	0	-	-	-	-
Greece	2	8	2	2	3	0	0	0	0	-
Spain	5	3	11	26	2	21	3	12	3	3
France	4	7	7	9	43	12	14	3	4	3
Croatia	0	8	1	0	1	2	1	0	0	0
Italy	9	7	48	5	6	3	18	5	5	1
Cyprus	0	0	0	0	0	1	0	0	0	0
Latvia	5	3	1	1	2	0	0	1	0	0
Lithuania	-	-	1	0	1	0	1	0	0	0
Luxembourg	0	0	0	0	0	0	0	0	0	0
Hungary	12	3	6	1	1	10	4	3	1	2
Malta	0	-	-	-	0	0	0	2	0	-
Netherlands	1	1	0	1	1	0	0	0	0	0
Austria	8	2	0	1	0	1	0	2	1	1
Poland	14	18	18	12	14	8	3	19	10	9
Portugal	0	2	11	2	8	0	1	1	29	1
Romania	10	10	8	9	18	23	7	11	27	-
Slovenia	0	0	0	0	0	0	0	0	1	0
Slovakia	0	-	-	-	-	3	1	2	12	1
Finland	0	1	1	0	0	0	2	5	0	0
Sweden	2	2	1	2	0	1	4	0	0	-
European Union	115	92	139	105	116	98	101	109	109	65
Iceland	0	0	0	0	0	0	2	1	0	0
Norway	4	2	5	7	1	1	2	0	1	1
Switzerland	4	32	0	2	1	1	1	3	1	1

EU totals were derived by imputation.
Missing data for some countries and years are marked with a dash (-).

3.2 Change in fatalities by age group

Table 13. Annual number of fatalities by age group and by country for 2010 and 2020.

	2010							2020						
	<15	15 - 17	18 - 24	25 - 49	50 - 64	65+	unknown	<15	15 - 17	18 - 24	25 - 49	50 - 64	65+	unknown
Belgium	28	21	173	344	123	155	6	5	10	61	190	108	118	7
Bulgaria	19	20	116	322	147	147	5	-	-	-	-	-	-	-
Czechia	17	17	125	329	142	172	0	11	3	55	209	103	134	3
Denmark	9	8	42	81	48	67	-	6	10	18	49	23	57	0
Germany	104	101	690	1 218	624	910	1	48	64	326	770	616	894	1
Estonia	1	2	10	24	25	17	-	2	0	6	25	13	13	0
Ireland	6	7	56	83	26	30	4	-	-	-	-	-	-	-
Greece	30	39	186	521	190	268	24	-	-	-	-	-	-	-
Spain	79	49	311	1 087	407	527	20	17	21	114	526	318	362	12
France	130	161	831	1 513	592	765	0	74	77	449	825	471	642	0
Croatia	12	9	58	170	80	97	0	3	5	46	80	47	56	0
Italy	70	121	547	1 573	645	1 064	94	37	47	236	729	546	756	44
Cyprus	1	2	12	27	7	11	0	0	0	10	14	8	16	-
Latvia	9	2	35	75	53	36	8	6	2	16	46	32	29	8
Lithuania	-	-	-	-	-	-	-	2	4	18	59	45	45	2
Luxembourg	0	0	10	13	6	3	0	0	2	2	10	7	5	0
Hungary	20	10	73	304	184	137	12	10	6	39	180	113	111	1
Malta	1	0	4	7	1	0	-	-	-	-	-	-	-	-
Netherlands	16	20	90	171	86	154	0	17	11	69	145	82	189	2
Austria	10	27	102	178	95	140	0	2	9	43	96	88	106	0
Poland	112	122	677	1 419	871	674	33	44	52	374	951	521	545	4
Portugal	18	7	88	378	168	277	1	10	7	49	204	121	144	1
Romania	95	50	307	849	577	494	5	-	-	-	-	-	-	-
Slovenia	2	4	19	54	29	30	0	3	3	9	28	21	16	0
Slovakia	11	7	59	126	67	48	53	7	3	31	106	55	40	5
Finland	7	13	48	93	47	64	0	3	14	23	73	41	69	0
Sweden	9	5	47	82	52	71	0	-	-	-	-	-	-	-
European Union	823	828	4 757	11 136	5 348	6 410	267	421	418	2 351	6 527	4 189	5 356	119
Iceland	0	0	3	1	2	2	0	0	0	0	4	3	1	0
Norway	3	7	42	75	39	42	0	2	2	16	33	19	21	0
Switzerland	8	12	36	105	65	101	0	4	5	18	57	46	97	0

Data for Bulgaria, Ireland, Greece, Lithuania, Malta, Romania and Sweden was missing for one of the years.
EU totals were derived by imputation.
Missing data are marked with a dash (-).

3.3 Mode of transport by age group

3.3.1 Pedestrians

Table 14. Percentage of pedestrian fatalities by age group and by country for the last available year.

Country	Year	<15	15 - 17	18 - 24	25 - 49	50 - 64	65+	Unknown
Belgium	2020	0	6	5	18	22	43	6
Bulgaria	2019	5	1	1	18	21	53	1
Czechia	2020	3	0	3	31	19	44	0
Denmark	2020	9	13	9	9	4	57	0
Germany	2020	4	1	5	16	18	55	0
Estonia	2020	7	0	7	7	43	36	0
Ireland	2016	6	3	3	31	17	40	0
Greece	2019	4	1	3	24	17	46	6
Spain	2020	3	1	3	19	22	50	1
France	2020	4	2	8	20	14	52	0
Croatia	2020	0	0	3	16	21	61	0
Italy	2020	1	2	3	15	16	62	2
Cyprus	2020	0	-	0	15	31	54	-
Latvia	2020	7	0	2	33	19	33	7
Lithuania	2020	0	2	0	19	29	46	4
Luxembourg	2020	0	0	0	25	50	25	-
Hungary	2020	2	1	4	30	23	39	1
Malta	2019	0	0	0	0	0	100	-
Netherlands	2020	14	3	6	29	9	37	3
Austria	2020	0	0	6	25	20	49	0
Poland	2020	2	1	3	28	30	36	0
Portugal	2020	0	3	3	16	24	54	-
Romania	2019	5	1	1	21	30	41	1
Slovenia	2020	0	14	0	0	29	57	-
Slovakia	2020	2	4	4	22	22	37	8
Finland	2020	9	0	5	27	5	55	0
Sweden	2019	7	0	4	30	15	44	0
European Union	2020	3	1	3	21	23	47	1
Iceland	2020	-	-	-	-	-	-	-
Norway	2020	13	0	7	20	33	27	0
Switzerland	2020	6	0	0	17	8	69	0

EU totals were derived by imputation on available country data.
Age distribution is shown for the last year with available data for that country.
Missing data are marked with a dash (-).

3.3.2 Bicycles

Table 15. Percentage of cyclist fatalities by age group and by country for the last available year.

Country	Year	<15	15 - 17	18 - 24	25 - 49	50 - 64	65+	Unknown
Belgium	2020	2	1	2	23	20	52	0
Bulgaria	2019	0	0	4	26	33	37	0
Czechia	2020	2	0	0	31	24	43	0
Denmark	2020	4	4	0	22	15	56	0
Germany	2020	2	1	2	13	23	59	0
Estonia	2020	0	0	0	0	0	100	0
Ireland	2016	20	0	10	30	10	30	0
Greece	2019	9	14	14	18	27	18	0
Spain	2020	3	0	4	28	32	32	0
France	2020	3	1	3	23	24	46	0
Croatia	2020	0	11	0	11	22	56	0
Italy	2020	2	2	4	15	26	50	0
Cyprus	2020	0	0	-	0	100	-	-
Latvia	2020	0	6	6	35	24	24	6
Lithuania	2020	0	0	8	0	50	42	0
Luxembourg	2020	0	0	33	0	33	33	0
Hungary	2020	2	2	8	28	28	32	0
Malta	2019	-	-	-	-	-	-	-
Netherlands	2020	5	3	4	9	18	60	0
Austria	2020	0	2	2	20	22	52	0
Poland	2020	2	2	4	20	31	41	0
Portugal	2020	11	5	0	21	42	21	0
Romania	2019	3	1	3	24	32	38	0
Slovenia	2020	0	0	0	50	38	12	-
Slovakia	2020	4	0	0	21	42	33	0
Finland	2020	0	0	0	13	29	58	0
Sweden	2019	0	0	6	18	6	71	0
European Union	2020	3	2	3	19	26	48	0
Iceland	2020	-	-	-	-	-	-	-
Norway	2020	0	0	0	0	33	67	0
Switzerland	2020	0	0	2	16	25	57	0

EU totals were derived by imputation on available country data.
Age distribution is shown for the last year with available data for that country.
Missing data are marked with a dash (-).

3.3.3 Mopeds

Table 16. Percentage of moped fatalities by age group and by country for the last recorded year.

Country	Year	<15	15 - 17	18 - 24	25 - 49	50 - 64	65+	Unknown
Belgium	2020	0	0	8	38	46	8	0
Bulgaria	2019	0	0	50	0	0	50	0
Czechia	2020	0	0	0	50	0	50	-
Denmark	2020	0	38	0	25	25	12	0
Germany	2020	2	8	6	17	25	43	0
Estonia	2020	-	-	-	-	-	-	-
Greece	2019	0	5	11	21	21	42	0
Spain	2020	3	16	6	25	16	34	0
France	2020	3	25	25	33	10	4	0
Croatia	2020	20	0	0	40	20	20	0
Italy	2020	3	12	22	24	10	24	5
Cyprus	2020	-	-	-	-	-	-	-
Latvia	2020	0	0	0	0	100	0	0
Lithuania	2020	0	0	0	100	0	0	-
Luxembourg	2020	-	-	-	-	-	-	-
Hungary	2020	0	0	0	31	31	38	0
Malta	2019	-	-	-	-	-	-	-
Netherlands	2020	0	8	27	27	23	15	0
Austria	2020	0	75	0	0	0	25	0
Poland	2020	3	3	4	31	35	24	0
Portugal	2020	0	0	12	23	42	23	0
Romania	2019	0	0	0	39	22	39	-
Slovenia	2020	0	17	17	0	17	50	-
Slovakia	2020	0	0	0	80	10	10	0
Finland	2020	0	50	0	0	0	50	0
Sweden	2019	0	17	17	17	33	17	0
European Union	2020	2	11	13	28	22	23	1
Iceland	2020	-	-	-	-	-	-	-
Norway	2020	0	0	0	100	0	0	-
Switzerland	2020	0	17	0	0	0	83	-

Data for Ireland was not available.
EU totals were derived by imputation on available country data.
Age distribution is shown for the last year with available data for that country.
Missing data are marked with a dash (-).

3.3.4 Motorcycles

Table 17. Percentage of motorcycle fatalities by age group and by country for the last available year.

Country	Year	<15	15 - 17	18 - 24	25 - 49	50 - 64	65+	Unknown
Belgium	2020	0	0	9	51	29	10	0
Bulgaria	2019	-	0	40	60	0	-	-
Czechia	2020	0	0	12	55	29	3	-
Denmark	2020	0	9	27	36	9	18	-
Germany	2020	0	6	16	36	33	8	0
Estonia	2020	-	0	0	100	0	-	0
Ireland	2016	0	0	14	64	14	9	0
Greece	2019	0	2	15	51	21	9	2
Spain	2020	0	2	9	60	25	4	1
France	2020	1	2	16	51	26	5	0
Croatia	2020	0	5	18	52	25	0	0
Italy	2020	1	3	12	44	30	9	1
Cyprus	2020	-	0	36	50	7	7	-
Latvia	2020	0	0	17	83	0	0	0
Lithuania	2020	0	0	29	65	6	0	0
Luxembourg	2020	-	14	14	57	0	14	0
Hungary	2020	0	0	14	52	29	5	0
Malta	2019	0	0	25	75	0	0	-
Netherlands	2020	0	0	9	59	23	9	0
Austria	2020	1	1	12	31	41	14	0
Poland	2020	0	2	19	67	10	2	0
Portugal	2020	0	1	13	69	14	3	0
Romania	2019	0	6	14	71	6	4	0
Slovenia	2020	0	0	6	62	25	6	0
Finland	2020	0	20	10	30	35	5	-
Sweden	2019	0	3	3	52	28	14	0
European Union	2020	0	3	14	50	25	7	1
Iceland	2020	0	-	0	33	67	0	-
Norway	2020	0	11	6	39	33	11	-
Switzerland	2020	0	6	15	38	27	13	0

Data for Slovakia was not available.
EU totals were derived by imputation on available country data.
Age distribution is shown for the last year with available data for that country.
Missing data are marked with a dash (-).

3.3.5 Cars

Table 18. Percentage of car fatalities by age group and by country for the last available year.

Country	Year	<15	15 - 17	18 - 24	25 - 49	50 - 64	65+	Unknown
Belgium	2020	1	2	20	44	18	13	1
Bulgaria	2019	4	2	20	34	22	18	0
Czechia	2020	3	1	15	39	18	23	1
Denmark	2020	4	2	16	36	16	25	0
Germany	2020	2	2	17	33	18	28	0
Estonia	2020	0	0	14	57	14	14	0
Ireland	2016	3	1	24	39	10	23	1
Greece	2019	1	2	13	37	17	27	2
Spain	2020	1	1	12	37	19	28	1
France	2020	4	2	24	30	14	25	0
Croatia	2020	2	2	28	33	16	20	0
Italy	2020	2	1	12	32	20	31	2
Cyprus	2020	0	0	28	22	11	39	-
Latvia	2020	5	2	20	30	23	16	5
Lithuania	2020	1	4	15	38	23	18	0
Luxembourg	2020	0	11	0	33	33	22	0
Hungary	2020	3	2	11	42	23	20	0
Malta	2019	14	0	0	43	14	29	0
Netherlands	2020	1	1	22	36	14	26	1
Austria	2020	1	3	20	30	20	27	0
Poland	2020	2	3	24	41	15	15	0
Portugal	2020	4	1	11	37	18	28	1
Romania	2019	3	3	18	38	20	18	0
Slovenia	2020	0	0	14	41	28	17	-
Slovakia	2020	4	1	20	45	20	9	1
Finland	2020	1	6	16	37	14	26	0
Sweden	2019	2	3	13	31	19	32	0
European Union	2020	2	2	18	36	18	23	1
Iceland	2020	0	0	0	60	20	20	0
Norway	2020	0	0	29	32	12	27	0
Switzerland	2020	1	1	11	27	18	41	0

Data include taxis.

Age distribution is shown for the last year with available data for that country.

EU totals were derived by imputation on available country data.
Missing data are marked with a dash (-).

Breakdown of other modes of transport was omitted from this section because of low numbers of fatalities among occupants of these vehicles.

3.4 Mortality by gender

3.4.1 Male mortality

Table 19. Annual male mortality (fatalities per million male inhabitants) by country (2010, 2012-2020).

Country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	119	114	105	102	103	90	81	79	89	67
Bulgaria	-	-	-	-	-	156	144	132	137	-
Czechia	118	109	95	98	108	87	81	92	89	74
Denmark	62	44	45	50	47	54	46	42	54	42
Germany	66	68	62	63	64	58	58	61	56	50
Estonia	89	104	88	83	72	79	50	76	56	64
Ireland	71	47	62	57	53	57	-	-	-	-
Greece	186	149	129	122	124	126	118	108	111	-
Spain	83	63	56	56	57	61	61	61	60	48
France	97	86	79	79	81	82	83	77	77	61
Croatia	156	157	138	119	134	120	134	127	121	94
Italy	114	105	94	90	94	89	92	91	88	67
Cyprus	125	88	83	77	87	87	108	93	93	90
Latvia	125	137	148	181	156	136	111	125	121	107
Lithuania	-	-	142	142	123	104	103	93	107	90
Luxembourg	96	99	127	105	103	73	71	102	58	60
Hungary	117	93	91	97	100	98	97	100	92	73
Malta	39	-	-	-	36	75	43	54	44	-
Netherlands	48	50	42	41	48	46	47	49	48	44
Austria	101	92	83	76	83	73	72	72	69	59
Poland	162	148	139	132	121	123	113	114	121	106
Portugal	145	112	100	101	96	89	97	114	104	90
Romania	182	158	141	140	147	146	151	145	149	-
Slovenia	103	95	92	76	88	100	76	68	80	59
Slovakia	106	-	-	-	-	80	77	74	77	76
Finland	78	72	72	62	73	77	67	65	60	63
Sweden	43	46	41	40	41	42	39	49	33	-
European Union	104	94	86	85	86	83	82	82	80	69
Iceland	25	44	43	12	73	78	53	68	27	37
Norway	65	43	53	42	33	42	28	31	29	28
Switzerland	64	63	48	46	46	37	39	41	33	42

EU totals were derived by imputation.
Missing data are marked with a dash (-).

3.4.2 Female mortality

Table 20. Annual female mortality (fatalities per million female inhabitants) by country (2010, 2012-2020).

Country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	37	34	32	29	33	27	26	26	23	19
Bulgaria	-	-	-	-	-	44	51	44	45	-
Czechia	33	31	28	31	29	27	27	28	24	22
Denmark	30	16	23	15	16	20	15	17	15	14
Germany	24	23	22	21	22	21	20	19	18	16
Estonia	34	33	38	39	33	30	24	29	24	27
Ireland	20	23	20	25	17	20	-	-	-	-
Greece	43	32	33	26	25	30	21	25	20	-
Spain	24	19	17	17	17	17	18	17	15	11
France	29	27	23	25	25	24	23	22	21	16
Croatia	46	31	38	29	34	30	29	31	28	24
Italy	28	24	23	23	21	21	21	21	20	15
Cyprus	24	32	20	30	48	23	18	23	27	20
Latvia	23	42	36	42	43	33	35	35	24	43
Lithuania	-	-	38	47	47	31	35	34	32	38
Luxembourg	32	30	41	22	25	38	14	17	13	22
Hungary	34	31	31	32	34	28	33	32	33	23
Malta	24	-	-	-	14	27	39	21	21	-
Netherlands	17	17	15	16	15	17	16	20	20	15
Austria	33	35	26	26	30	27	23	22	25	19
Poland	47	43	40	39	36	39	38	39	35	27
Portugal	37	28	25	25	22	24	23	26	34	18
Romania	55	48	47	45	46	50	50	48	45	-
Slovenia	33	32	30	29	29	27	25	20	18	17
Slovakia	33	-	-	-	-	22	26	23	23	14
Finland	25	23	24	22	27	18	20	23	17	18
Sweden	14	14	14	16	12	13	11	15	10	-
European Union	31	28	26	26	25	25	24	24	23	19
Iceland	25	13	50	12	24	30	42	35	6	6
Norway	21	15	21	15	12	9	12	10	11	7
Switzerland	21	22	19	14	16	15	16	14	11	11

EU totals were derived by imputation.
Missing data are marked with a dash (-).

3.5 Mortality in crashes by gender and by road user type for cars

3.5.1 Female car drivers

Table 21. Annual mortality for female car drivers by country (2010, 2012-2020).

Country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	13	11	7	11	11	8	9	9	9	5
Bulgaria	-	-	-	-	-	5	8	5	8	-
Czechia	7	7	6	8	10	8	6	7	8	7
Denmark	11	5	3	5	2	7	7	6	4	4
Germany	8	8	6	7	8	7	7	6	6	4
Estonia	10	3	6	7	6	6	3	6	4	1
Ireland	8	12	8	9	7	7	-	-	-	-
Greece	8	4	6	4	3	6	4	5	5	-
Spain	5	4	4	3	3	3	4	4	3	3
France	10	10	8	9	9	9	8	8	7	6
Croatia	8	5	5	5	5	5	7	5	6	5
Italy	7	6	6	5	6	6	6	5	6	4
Cyprus	0	14	4	7	11	2	5	2	9	4
Latvia	3	8	5	5	5	2	5	7	4	6
Lithuania	-	-	4	3	6	9	7	3	7	9
Luxembourg	16	4	26	11	7	10	0	10	10	16
Hungary	6	5	6	5	5	6	5	7	5	6
Malta	5	-	-	-	5	4	0	4	-	-
Netherlands	4	4	3	5	3	5	4	4	6	5
Austria	10	13	7	9	11	9	8	8	9	7
Poland	7	8	6	6	6	5	8	8	6	6
Portugal	5	5	5	5	4	3	4	4	5	5
Romania	4	4	3	2	5	4	4	4	3	-
Slovenia	11	10	9	10	6	11	7	9	5	6
Slovakia	5	-	-	-	-	5	5	6	5	3
Finland	8	6	7	8	9	5	6	8	8	8
Sweden	5	4	5	5	4	5	3	4	3	-
European Union	7	7	6	6	6	6	6	6	6	5
Iceland	0	6	25	0	0	18	18	6	0	0
Norway	7	8	10	5	4	5	5	3	5	2
Switzerland	5	4	4	2	1	4	3	2	2	3

Data include taxis.

EU totals were derived by imputation.
Missing data are marked with a dash (-).

3.5.2 Male car drivers

Table 22. Annual mortality of male car drivers by country (2010, 2012-2020).

Country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	49	47	43	45	42	39	30	30	33	25
Bulgaria	-	-	-	-	-	76	56	56	56	-
Czechia	49	42	36	43	39	35	31	36	37	30
Denmark	23	17	15	17	16	20	21	11	19	17
Germany	25	26	23	23	23	22	20	21	20	17
Estonia	35	37	44	33	28	24	29	27	14	6
Ireland	27	16	27	20	20	24	-	-	-	-
Greece	58	44	41	34	39	42	36	32	26	-
Spain	29	21	18	18	17	19	20	19	17	14
France	39	32	29	29	32	31	33	30	30	23
Croatia	56	61	54	44	48	47	57	47	43	39
Italy	38	36	31	31	31	31	32	31	30	23
Cyprus	33	24	21	17	32	17	19	26	16	28
Latvia	37	42	46	40	50	48	35	43	47	41
Lithuania	-	-	42	41	42	33	33	30	29	25
Luxembourg	68	53	67	58	46	31	30	36	29	6
Hungary	34	27	27	29	32	30	33	31	28	26
Malta	15	-	-	-	5	4	13	12	-	-
Netherlands	16	16	15	12	16	16	14	17	14	14
Austria	46	39	29	28	33	26	24	24	27	19
Poland	54	48	40	40	40	41	38	37	40	37
Portugal	38	28	23	25	27	26	27	30	24	24
Romania	45	36	36	34	39	40	41	38	36	-
Slovenia	33	36	30	30	31	33	22	22	22	22
Slovakia	34	-	-	-	-	26	29	26	24	32
Finland	37	38	36	26	34	39	32	34	27	29
Sweden	18	16	16	13	17	16	15	21	10	-
European Union	37	33	29	29	30	29	28	28	27	23
Iceland	13	25	25	6	42	42	12	34	5	21
Norway	33	15	22	16	15	15	12	16	13	10
Switzerland	20	17	15	16	12	10	10	12	10	10

Data include taxis.

EU totals were derived by imputation.
Missing data are marked with a dash (-).

3.5.3 Female car passengers

Table 23. Annual mortality for female car passengers by country (2010, 2012-2020).

Country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	8	6	8	6	8	7	3	4	4	4
Bulgaria	-	-	-	-	-	22	21	17	19	-
Czechia	9	10	8	8	6	9	6	9	7	6
Denmark	7	2	6	4	4	5	2	3	3	2
Germany	6	5	5	5	5	5	4	4	4	3
Estonia	14	8	9	6	13	11	1	-	6	1
Ireland	5	3	3	6	5	7	-	-	-	-
Greece	17	11	9	9	8	10	7	6	4	-
Spain	8	7	5	6	5	6	5	5	4	3
France	8	7	6	6	7	6	6	6	5	3
Croatia	14	9	15	8	12	9	9	11	6	9
Italy	9	7	6	7	5	6	5	5	5	3
Cyprus	10	5	2	7	11	2	5	7	4	7
Latvia	7	13	10	18	20	11	9	15	9	10
Lithuania	-	-	8	13	11	9	10	9	11	13
Luxembourg	16	19	4	11	0	14	10	7	3	3
Hungary	12	11	9	11	11	8	11	10	13	7
Malta	14	-	-	-	5	13	22	0	17	-
Netherlands	2	3	2	2	1	-	-	-	-	-
Austria	6	9	6	4	7	5	5	5	6	4
Poland	16	13	12	11	11	15	11	11	11	8
Portugal	12	6	8	6	5	8	5	6	11	4
Romania	19	17	14	17	15	17	17	16	14	-
Slovenia	-	3	0	-	-	-	-	0	-	-
Slovakia	10	-	-	-	-	6	13	5	8	5
Finland	7	6	6	5	7	4	5	7	5	4
Sweden	4	2	3	4	3	3	3	6	4	-
European Union	9	8	7	7	7	7	7	6	6	5
Iceland	13	0	12	12	18	12	18	23	6	0
Norway	6	2	5	3	5	2	4	2	2	1
Switzerland	3	2	3	3	2	3	2	3	2	1

EU totals were derived by imputation.
Missing data for some countries and years are marked with a dash (-).
Data includes passengers in taxis.

3.5.4 Male car passengers

Table 24. Annual mortality for male car passengers by country (2010, 2012-2020).

Country	2010	2012	2013	2014	2015	2016	2017	2018	2019	2020
Belgium	13	8	8	6	6	7	7	5	7	4
Bulgaria	-	-	-	-	-	26	21	20	19	-
Czechia	11	10	8	7	13	9	10	8	8	7
Denmark	8	5	4	5	4	3	5	2	4	4
Germany	6	6	5	4	5	5	4	4	3	3
Estonia	8	18	6	7	8	10	10	-	5	2
Ireland	15	7	9	10	6	7	-	-	-	-
Greece	15	11	8	6	8	7	8	9	4	-
Spain	10	5	4	4	4	4	5	4	4	3
France	10	9	7	7	8	7	7	6	6	6
Croatia	20	15	20	12	14	11	19	13	16	11
Italy	9	9	8	7	7	7	7	7	7	4
Cyprus	5	0	10	5	2	2	5	0	2	2
Latvia	13	11	11	33	14	15	15	10	8	14
Lithuania	-	-	23	28	23	9	11	12	15	11
Luxembourg	8	8	15	7	4	10	3	10	10	3
Hungary	15	9	11	9	15	12	9	13	11	6
Malta	5	-	-	-	5	0	4	4	12	-
Netherlands	4	3	2	2	2	-	-	-	-	-
Austria	9	7	5	4	5	5	4	5	4	4
Poland	22	19	18	14	15	15	13	12	15	11
Portugal	16	11	6	8	6	8	5	8	6	8
Romania	29	24	20	20	22	20	21	18	18	-
Slovenia	-	3	0	0	-	-	0	-	0	-
Slovakia	15	-	-	-	-	10	11	8	10	8
Finland	8	4	8	5	8	8	6	5	5	5
Sweden	4	3	5	4	5	4	4	4	3	-
European Union	12	10	8	8	8	8	7	7	7	6
Iceland	0	6	6	0	12	6	6	6	5	5
Norway	7	4	5	4	2	4	1	1	3	2
Switzerland	4	3	4	3	3	2	3	2	1	2

EU totals were derived by imputation.
Missing data for some countries are marked with a dash (-).
Data includes passengers in taxis.

3.5.5 Female fatalities by age group

Table 25. Percentage of female fatalities by age group and by country for the last available year.

Country	Year	<15	15 - 17	18 - 24	25 - 49	50 - 64	65+	Unknown
Belgium	2020	1	4	4	35	21	35	1
Bulgaria	2019	9	1	9	20	19	42	1
Czechia	2020	-	1	8	33	18	39	1
Denmark	2020	5	7	12	19	17	40	-
Germany	2020	4	2	9	20	18	46	0
Estonia	2020	11	0	11	11	42	26	-
Ireland	2016	2	2	10	40	12	33	0
Greece	2019	5	2	8	24	13	43	6
Spain	2020	3	4	6	31	18	37	2
France	2020	5	3	16	23	16	38	0
Croatia	2020	4	0	6	29	14	47	0
Italy	2020	2	4	9	21	19	42	3
Cyprus	2020	0	0	33	11	22	33	-
Latvia	2020	7	2	9	23	23	32	5
Lithuania	2020	2	5	4	35	23	32	0
Luxembourg	2020	0	14	0	29	43	14	0
Hungary	2020	7	0	9	30	20	35	0
Malta	2019	20	0	20	40	20	0	0
Netherlands	2020	4	2	10	17	18	49	0
Austria	2020	1	2	7	24	19	46	0
Poland	2020	4	3	16	23	18	36	0
Portugal	2020	2	3	6	26	17	45	0
Romania	2019	7	2	6	22	21	42	0
Slovenia	2020	11	6	6	22	28	28	-
Slovakia	2020	2	2	18	25	30	22	-
Finland	2020	2	8	16	27	14	33	0
Sweden	2019	0	2	8	29	10	52	0
European Union	2020	4	3	10	24	18	40	1
Iceland	2020	0	0	0	0	100	0	0
Norway	2020	0	0	17	22	17	44	0
Switzerland	2020	0	0	4	19	19	58	0

EU totals were derived by imputation on available country data.
Age distribution is shown for the last year with available data for that country.
Missing data for some countries and years are marked with a dash (-).

3.5.6 Male fatalities by age group

Table 26. Percentage of male fatalities by age group and by country for the last available year.

Country	Year	<15	15 - 17	18 - 24	25 - 49	50 - 64	65+	Unknown
Belgium	2020	1	2	15	39	22	21	1
Bulgaria	2019	2	2	14	39	23	20	0
Czechia	2020	0	1	12	44	21	23	1
Denmark	2020	3	6	11	34	13	33	0
Germany	2020	1	2	13	31	24	29	0
Estonia	2020	0	0	10	58	12	20	-
Ireland	2016	5	2	20	41	11	22	0
Greece	2019	1	2	12	40	20	23	2
Spain	2020	1	1	9	40	24	24	1
France	2020	2	3	18	35	19	22	0
Croatia	2020	1	3	23	35	22	17	0
Italy	2020	1	2	10	33	24	29	2
Cyprus	2020	0	0	18	33	15	33	-
Latvia	2020	3	1	13	38	23	16	5
Lithuania	2020	1	1	14	33	27	23	1
Luxembourg	2020	0	5	11	42	21	21	0
Hungary	2020	1	2	8	42	26	20	0
Malta	2019	0	0	0	36	0	64	0
Netherlands	2020	3	2	15	32	15	32	1
Austria	2020	0	3	14	29	28	26	0
Poland	2020	1	2	15	42	22	18	0
Portugal	2020	2	1	10	41	24	23	0
Romania	2019	3	2	9	34	27	25	1
Slovenia	2020	2	3	13	39	26	18	-
Slovakia	2020	3	1	12	48	21	15	-
Finland	2020	1	6	9	34	20	30	0
Sweden	2019	2	2	9	38	20	28	0
European Union	2020	2	2	13	37	23	24	1
Iceland	2020	0	0	0	57	29	14	0
Norway	2020	3	3	17	39	21	17	0
Switzerland	2020	2	3	9	27	21	39	0

EU totals were derived by imputation on available country data.
Age distribution is shown for the last year with available data for that country.
Missing data for some countries and years are marked with a dash (-).

3.6 Mode of transport by crash area

The following tables show the percentage of fatalities by crash area and by transport mode for the major groups. The percentages for countries with less than 10 fatalities per year were omitted from these tables.

3.6.1 Pedestrians

Table 27. Percentage of fatalities by crash area and by country for the last available year, pedestrians.

country	year	urban	rural	motorway	unknown
Belgium	2020	68	22	11	0
Bulgaria	2019	80	15	5	0
Czechia	2020	65	31	4	0
Denmark	2020	65	30	4	0
Germany	2020	73	22	5	0
Estonia	2020	57	43	0	0
Ireland	2016	51	49	0	0
Greece	2019	72	25	3	0
Spain	2020	59	24	17	0
France	2020	68	25	7	0
Croatia	2020	79	18	3	0
Italy	2020	79	19	2	0
Cyprus	2020	77	8	15	0
Latvia	2020	47	53	0	0
Lithuania	2020	54	46	0	0
Hungary	2020	57	38	6	0
Netherlands	2020	63	31	3	3
Austria	2020	71	24	6	0
Poland	2020	67	30	2	0
Portugal	2020	81	11	8	0
Romania	2019	82	16	2	0
Slovakia	2020	73	20	6	0
Finland	2020	64	23	14	0
Sweden	2019	63	30	7	0
European Union	2020	70	23	5	3
Norway	2020	60	40	0	0
Switzerland	2020	92	6	3	0

Area distribution is shown for the last year with available data for that country.

Numbers for Luxembourg, Malta, Slovenia and Iceland are too small to calculate reliable percentages.
EU totals were derived by imputation on available country data for the last recorded year.
Summation of values for individual EU states does not add up to this total because the values represent different years.
Percentages may not add up to 100% due to rounding, please refer to exact data in Excel-sheet.

3.6.2 Cyclists

Table 28. Percentage of fatalities by crash area and by country for the last available year, cyclists.

country	year	urban	rural	motorway	unknown
Belgium	2020	52	47	1	0
Bulgaria	2019	44	52	4	0
Czechia	2020	35	65	0	0
Denmark	2020	70	30	0	0
Germany	2020	60	40	0	0
Estonia	2020	0	100	0	0
Ireland	2016	40	60	0	0
Greece	2019	50	50	0	0
Spain	2020	30	66	4	0
France	2020	46	54	1	0
Croatia	2020	67	33	0	0
Italy	2020	51	49	0	0
Cyprus	2020	100	0	0	0
Latvia	2020	24	76	0	0
Lithuania	2020	67	33	0	0
Luxembourg	2020	33	67	0	0
Hungary	2020	75	25	0	0
Malta	2018	100	0	0	0
Netherlands	2020	53	44	0	3
Austria	2020	40	60	0	0
Poland	2020	58	42	0	0
Portugal	2020	79	21	0	0
Romania	2019	83	17	0	0
Slovenia	2020	62	38	0	0
Slovakia	2020	62	38	0	0
Finland	2020	74	26	0	0
Sweden	2019	65	24	0	12
European Union	2020	56	42	0	2
Iceland	2017	50	50	0	0
Norway	2020	33	67	0	0
Switzerland	2020	61	39	0	0

Area distribution is shown for the last year with available data for that country.

Numbers for Estonia, Croatia, Cyprus, Luxembourg, Malta, Slovenia, Iceland and Norway are too small to calculate reliable percentages.
EU totals were derived by imputation on available country data for the last recorded year. Summation of values for individual EU states does not add up to this total because the values represent different years.
Percentages may not add up to 100% due to rounding, please refer to exact data in Excel-sheet.

3.6.3 Moped drivers and passengers

Table 29. Percentage of fatalities by crash area and by country for the last available year, drivers and passengers on mopeds.

country	year	urban	rural	motorway	unknown
Belgium	2020	46	46	8	0
Germany	2020	49	51	0	0
Greece	2019	63	37	0	0
Spain	2020	41	59	0	0
France	2020	54	45	1	0
Italy	2020	53	47	0	0
Hungary	2020	69	31	0	0
Netherlands	2020	77	23	0	0
Poland	2020	51	49	0	0
Portugal	2020	65	35	0	0
Romania	2019	72	28	0	0
Slovakia	2020	50	50	0	0
European Union	2020	54	44	1	1

Area distribution is shown for the last year with available data for that country.
Data for Ireland was not available.

Numbers for Bulgaria, Czechia, Denmark, Estonia, Croatia, Cyprus, Latvia, Lithuania, Luxembourg, Austria, Slovenia, Finland, Sweden, Norway and Switzerland are too small to calculate reliable percentages.
EU totals were derived by imputation on available country data for the last recorded year. Summation of values for individual EU states does not add up to this total because the values represent different years.
Percentages may not add up to 100% due to rounding, please refer to exact data in Excel-sheet.

3.6.4 Motor cycle drivers and passengers

Table 30. Percentage of fatalities by crash area and by country for the last available year, drivers and passengers on motor cycles.

country	year	urban	rural	motorway	unknown
Belgium	2020	38	55	6	0
Czechia	2020	26	67	7	0
Denmark	2020	18	82	0	0
Germany	2020	16	78	6	0
Ireland	2016	41	55	5	0
Greece	2019	60	34	6	0
Spain	2020	39	46	16	0
France	2020	37	56	7	0
Croatia	2020	66	34	0	0
Italy	2020	46	48	5	0
Cyprus	2020	64	29	7	0
Lithuania	2020	59	35	6	0
Hungary	2020	24	74	2	0
Netherlands	2020	25	59	16	0
Austria	2020	11	85	4	0
Poland	2020	46	52	2	0
Portugal	2020	54	35	10	0
Romania	2019	71	27	2	0
Slovenia	2020	25	75	0	0
Finland	2020	45	55	0	0
Sweden	2019	24	66	7	3
European Union	2020	39	54	7	1
Norway	2020	17	83	0	0
Switzerland	2020	25	71	4	0

Area distribution is shown for the last year with available data for that country.
Data for Bulgaria and Slovakia was not available.

Numbers for Estonia, Latvia, Luxembourg, Malta and Iceland are too small to calculate reliable percentages.
EU totals were derived by imputation on available country data for the last recorded year. Summation of values for individual EU states does not add up to this total because the values represent different years.
Percentages may not add up to 100% due to rounding, please refer to exact data in Excel-sheet.

3.6.5 Car occupants

Table 31. Percentage of fatalities by crash area and by country for the last available year, occupants of cars (including taxis).

country	year	urban	rural	motorway	unknown
Belgium	2020	23	54	24	0
Bulgaria	2019	16	76	8	0
Czechia	2020	17	78	5	0
Denmark	2020	9	78	14	0
Germany	2020	11	73	16	0
Ireland	2016	17	79	4	0
Greece	2019	39	47	14	0
Spain	2020	12	72	16	0
France	2020	18	73	8	0
Croatia	2020	54	36	10	0
Italy	2020	32	59	9	0
Cyprus	2020	50	44	6	0
Latvia	2020	23	77	0	0
Lithuania	2020	24	73	3	0
Hungary	2020	16	78	7	0
Netherlands	2020	17	65	18	1
Austria	2020	18	74	8	0
Poland	2020	29	69	2	0
Portugal	2020	43	39	17	0
Romania	2019	46	52	3	0
Slovenia	2020	24	66	10	0
Slovakia	2020	23	68	9	0
Finland	2020	10	85	5	0
Sweden	2019	9	78	12	2
European Union	2020	23	66	9	2
Norway	2020	12	88	0	0
Switzerland	2020	34	49	17	0

Area distribution is shown for the last year with available data for that country.

Numbers for Estonia, Luxembourg, Malta and Iceland are too small to calculate reliable percentages.
EU totals were derived by imputation on available country data for the last recorded year. Summation of values for individual EU states does not add up to this total because the values represent different years.
Percentages may not add up to 100% due to rounding, please refer to exact data in Excel-sheet.

3.6.6 Lorry occupants

Table 32. Percentage of fatalities by crash area and by country for the last available year, occupants of lorries.

country	year	urban	rural	motorway	unknown
Belgium	2020	18	36	45	0
Czechia	2019	8	85	8	0
Germany	2020	6	49	44	0
Greece	2019	35	61	4	0
Spain	2020	9	70	21	0
France	2020	27	54	19	0
Italy	2020	15	47	38	0
Hungary	2020	10	55	35	0
Netherlands	2020	14	52	33	0
Austria	2020	7	53	40	0
Poland	2020	14	81	5	0
Portugal	2020	51	41	7	0
Romania	2019	36	50	14	0
Finland	2020	10	90	0	0
Sweden	2019	8	81	12	0
European Union	2020	21	58	21	0

Area distribution is shown for the last year with available data for that country.
Data for Bulgaria, Estonia and Poland was not available.

Numbers for Denmark, Ireland, Croatia, Cyprus, Latvia, Lithuania, Luxembourg, Slovenia, Slovakia, Iceland, Norway and Switzerland are too small to calculate reliable percentages.
EU totals were derived by imputation on available country data for the last recorded year. Summation of values for individual EU states does not add up to this total because the values represent different years.
Percentages may not add up to 100% due to rounding, please refer to exact data in Excel-sheet.

3.6.7 Heavy goods vehicle occupants

Table 33. Percentage of fatalities by crash area and by country for the last available year, occupants of heavy goods vehicles.

country	year	urban	rural	motorway	unknown
Belgium	2020	0	18	82	0
Czechia	2020	26	43	31	0
Germany	2020	3	16	80	0
Spain	2020	2	44	53	0
France	2020	15	39	45	0
Italy	2020	6	28	67	0
Poland	2020	19	74	6	0
European Union	2020	10	40	49	1

Area distribution is shown for the last year with available data for that country.

No recent data available for Bulgaria and Luxembourg.
Numbers for Denmark, Estonia, Ireland, Greece, Croatia, Cyprus, Latvia, Lithuania, Hungary, The Netherlands, Austria, Portugal, Romania, Slovenia, Slovakia, Finland, Sweden, Iceland, Norway and Switzerland are too small to calculate reliable percentages.

EU totals were derived by imputation on available country data for the last recorded year. Summation of values for individual EU states does not add up to this total because the values represent different years.
Percentages may not add up to 100% due to rounding, please refer to exact data in Excel-sheet.

3.6.8 Occupants of buses and coaches

Table 34. Percentage of fatalities by crash area and by country for the last available year, occupants of buses and coaches.

country	year	urban	rural	motorway	unknown
Germany	2020	60	40	0	0
Romania	2019	30	67	4	0
European Union	2020	36	54	7	3

Area distribution is shown for the last year with available data for that country.

No recent data available for Ireland, Greece and Netherlands
Numbers for Belgium, Bulgaria, Czechia, Denmark, Estonia, Spain, France, Croatia, Italy, Cyprus, Latvia, Lithuania, Hungary, Malta, Austria, Poland, Portugal, Slovenia, Slovakia, Finland, Sweden, Iceland, Norway and Switzerland are too small to calculate reliable percentages.

EU totals were derived by imputation on available country data for the last recorded year. Summation of values for individual EU states does not add up to this total because the values represent different years.
Percentages may not add up to 100% due to rounding, please refer to exact data in Excel-sheet.

4 Crash characteristics

4.1 Time of crash

4.1.1 Time of crash: monthly pattern

Table 35. Percentage of fatalities by month of crash and by country for the last available year.

Country	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Belgium	2020	7	11	8	5	8	8	7	10	15	8	6	7
Bulgaria	2019	6	5	7	5	7	11	10	11	10	13	9	7
Czechia	2020	7	8	7	9	7	9	8	12	9	8	7	8
Denmark	2020	11	6	6	9	3	7	10	7	13	9	8	11
Germany	2020	8	7	6	9	9	9	10	10	10	9	7	7
Estonia	2020	15	7	3	5	5	14	5	12	7	7	12	8
Greece	2019	6	6	6	7	9	11	10	12	10	9	6	7
Spain	2020	9	9	7	3	5	6	12	10	11	11	7	10
France	2020	10	9	6	4	8	8	12	10	10	8	7	8
Croatia	2020	10	8	5	7	8	11	16	9	8	5	8	5
Italy	2020	10	9	5	2	7	9	12	11	10	11	6	7
Cyprus	2020	10	8	6	0	6	6	15	8	10	8	4	17
Latvia	2020	12	5	6	4	4	9	4	12	13	8	12	10
Lithuania	2020	11	5	7	1	10	6	7	8	14	7	11	11
Luxembourg	2020	15	4	0	12	4	8	19	8	12	12	4	4
Hungary	2020	6	7	7	5	7	6	11	10	13	13	7	9
Malta	2019	0	0	3	9	3	6	0	3	6	6	3	9
Netherlands	2020	7	7	9	10	10	9	9	9	8	6	9	7
Austria	2020	5	8	7	8	6	10	10	11	12	10	7	6
Poland	2020	8	8	7	6	7	8	9	10	9	12	9	9
Portugal	2020	9	7	6	4	9	10	13	10	10	10	6	7
Romania	2019	6	6	6	6	6	9	9	11	9	10	10	12
Slovenia	2020	4	6	10	9	10	18	5	19	11	6	2	0
Slovakia	2020	8	6	9	10	10	10	11	12	9	6	6	4
Finland	2020	8	8	9	7	8	9	12	12	9	8	7	4
Sweden	2019	12	8	5	7	9	9	9	11	7	10	6	8
European Union	2020	8	8	6	6	7	9	10	10	10	10	8	8
Iceland	2020	12	0	12	0	0	25	25	12	0	12	0	0
Norway	2020	9	10	8	6	8	10	10	10	2	11	8	11
Switzerland	2020	6	8	5	7	10	8	11	11	13	8	7	6

Data for Ireland was not available.
EU totals were derived by imputation on available country data for the last recorded year. Summation of values for individual EU states does not add up to this total because the values represent different years.

4.1.2 Time of crash: weekly pattern

Table 36. Weekly pattern (percentage of total) in fatalities by country for the last available year.

Country	Year	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Belgium	2020	12	15	11	16	14	15	16
Bulgaria	2019	15	12	12	15	16	12	18
Czechia	2020	16	12	13	15	18	14	12
Denmark	2020	13	12	16	12	22	10	15
Germany	2020	14	15	15	15	15	14	12
Estonia	2020	20	7	12	8	10	29	14
Greece	2019	15	12	12	11	16	14	20
Spain	2020	14	13	13	14	14	16	15
France	2020	13	14	15	12	16	16	14
Croatia	2020	18	7	16	12	13	19	14
Italy	2020	12	13	13	15	15	16	16
Cyprus	2020	15	8	15	17	15	15	17
Latvia	2020	14	14	12	14	17	18	12
Lithuania	2020	13	18	17	14	12	16	10
Luxembourg	2020	12	15	19	12	15	19	8
Hungary	2020	13	15	14	14	16	14	13
Malta	2019	0	9	3	6	3	16	12
Netherlands	2020	15	11	15	14	15	17	14
Austria	2020	11	12	15	16	16	15	15
Poland	2020	14	13	13	14	17	17	13
Portugal	2020	16	12	13	15	16	15	13
Romania	2019	14	13	12	14	15	16	16
Slovenia	2020	12	8	8	18	21	20	14
Slovakia	2020	12	18	18	11	18	12	11
Finland	2020	13	11	16	14	15	17	14
Sweden	2019	15	13	9	14	17	19	12
European Union	2020	14	13	14	14	16	16	14
Iceland	2020	0	12	0	12	12	12	50
Norway	2020	14	16	14	14	11	15	16
Switzerland	2020	15	11	14	17	15	17	11

Data for Ireland was not available.
EU totals were derived by imputation on available country data for the last recorded year. Summation of values for individual EU states does not add up to this total because the values represent different years.
Percentages may not add up to 100% due to rounding, please refer to exact data in Excel-sheet

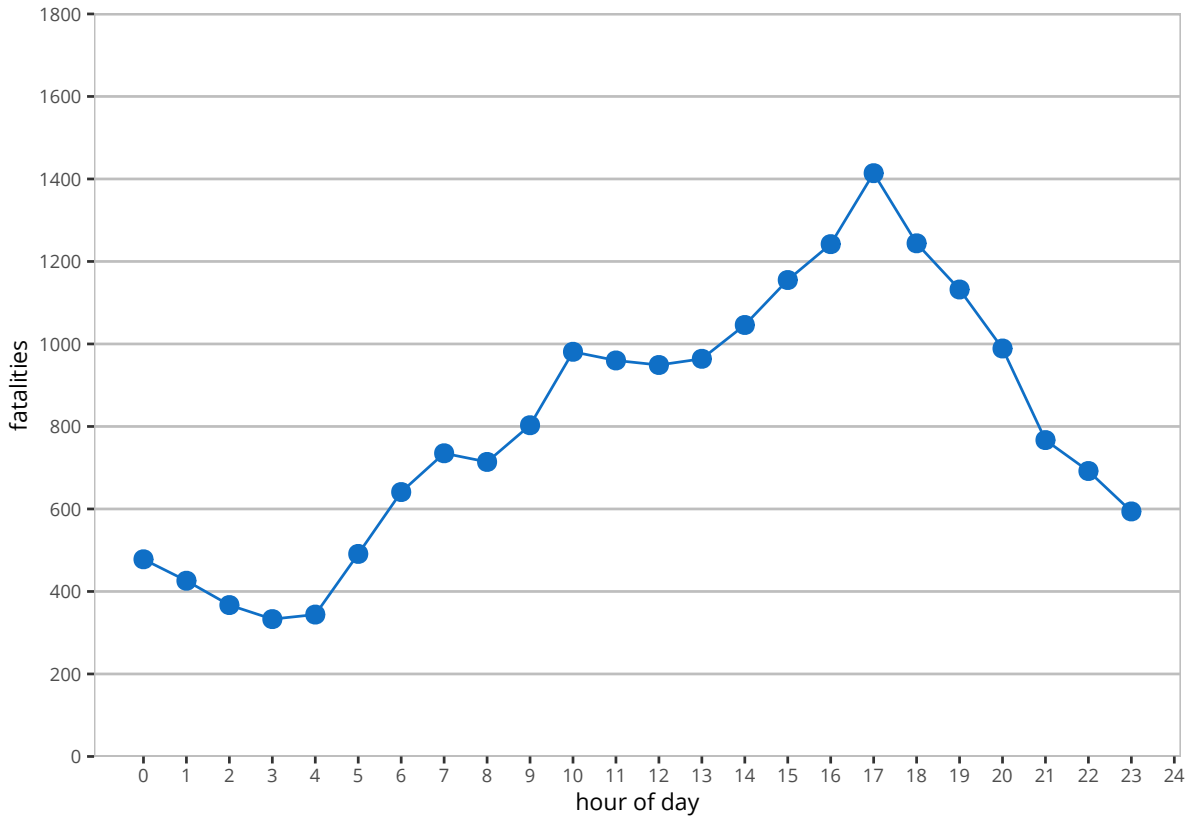
4.1.3 Time of crash: diurnal pattern

Table 37. Diurnal pattern in fatalities (percentage) by country for the last available year.

Country	Year	0-2h	3-5h	6-8h	9-11h	12-14h	15-17h	18-20h	21-23h
Belgium	2020	8	7	10	16	16	20	19	13
Bulgaria	2019	8	4	11	16	18	15	21	16
Czechia	2020	5	6	13	20	19	18	16	7
Denmark	2020	3	4	15	15	16	21	15	14
Germany	2020	5	5	10	16	20	28	13	8
Estonia	2020	7	9	5	18	22	20	18	7
Ireland	2016	12	9	9	14	12	24	16	17
Greece	2019	10	8	14	15	19	15	16	14
Spain	2020	8	5	11	16	17	18	21	12
France	2020	8	7	12	15	13	22	18	12
Croatia	2020	9	7	16	14	12	19	19	12
Italy	2020	10	5	10	16	17	18	22	12
Cyprus	2020	7	7	9	20	13	24	13	13
Latvia	2020	8	3	11	16	14	19	25	12
Lithuania	2020	3	4	16	12	13	28	19	9
Luxembourg	2020	8	0	12	4	12	50	17	4
Hungary	2020	4	7	19	16	13	19	18	8
Malta	2019	14	7	14	14	0	7	50	7
Netherlands	2020	8	6	11	13	22	26	14	8
Austria	2020	6	5	15	18	20	24	13	5
Poland	2020	5	8	11	13	14	21	20	12
Portugal	2020	7	4	11	15	15	19	21	14
Romania	2019	6	8	13	12	13	18	22	14
Slovenia	2020	7	4	5	16	24	21	16	13
Slovakia	2020	5	3	12	14	20	26	16	9
Finland	2020	11	7	11	14	21	18	17	10
Sweden	2019	9	7	7	19	18	26	15	8
European Union	2020	7	6	11	15	16	21	18	11
Iceland	2020	14	0	0	14	14	43	0	29
Norway	2020	12	7	12	20	8	30	13	8
Switzerland	2020	5	2	12	14	21	33	12	6

EU totals were derived by imputation on available country data for the last recorded year. Summation of values for individual EU states does not add up to this total because the values represent different years.
Percentages may not add up to 100% due to rounding, please refer to exact data in Excel-sheet.

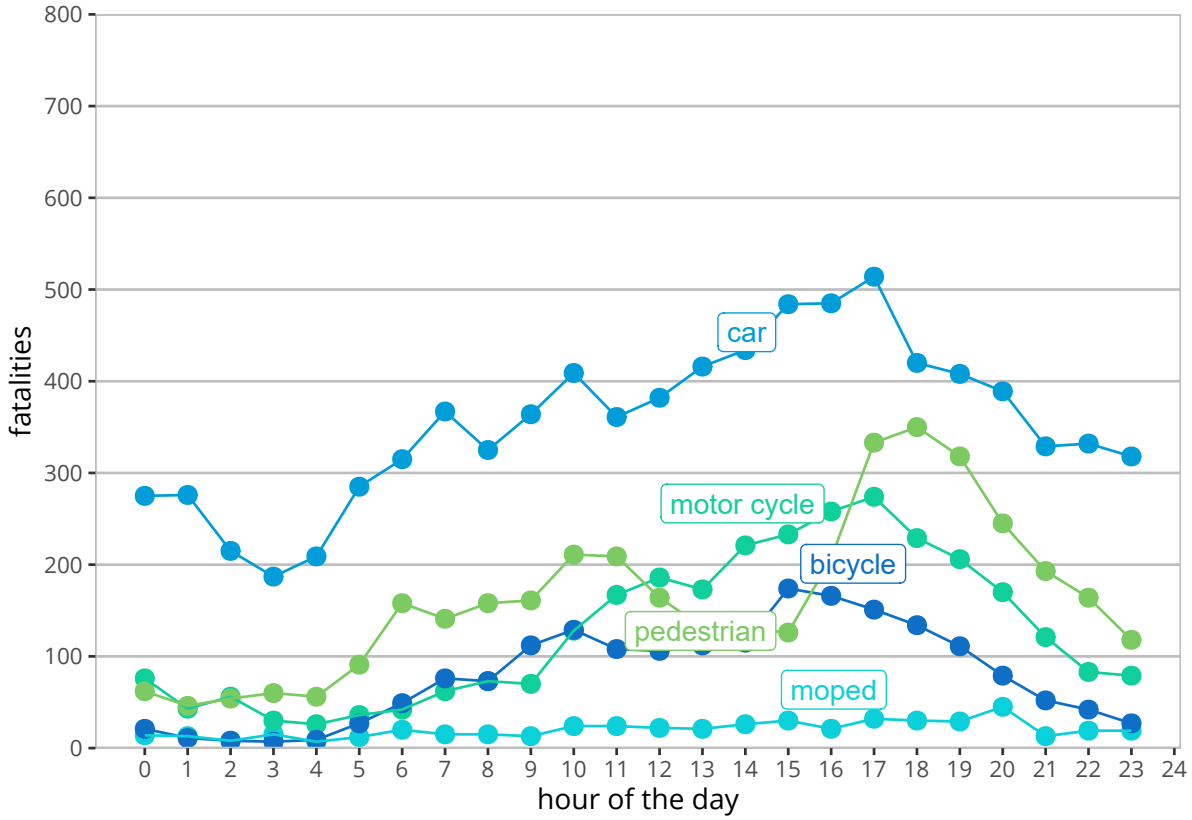
Figure 6. Number of fatalities by hour of day in the European Union[5] 2020



[5]Data, pivot table and graphs for all countries can be found in the corresponding Excel workbook on this website.

4.1.4 Diurnal crash pattern by transport mode

Figure 7. Diurnal pattern in the number of fatalities by transport modes for the European Union[6] 2020



[6]Data, pivot table and graphs for all countries and transport modes can be found in the corresponding Excel workbook on this website.

4.3 Crash conditions

4.3.1 Weather conditions

Table 39. Crash conditions: weather at the time of the crash (percentage of crashes resulting in fatalities) by country for the last available year.

Country	Year	Dry / Clear	Rain	Sleet, Hail	Fog, Mist, Smoke	Snow	Snow or Sleet, Hail	Severe winds	Other	Unknown
Belgium	2018	87	7	-	1	1	-	1	1	3
Bulgaria	2018	84	10	1	3	3	-	-	-	-
Czechia	2018	85	10	1	1	1	-	-	2	-
Denmark	2019	82	15	-	1	-	-	2	-	1
Germany	2018	-	-	-	0	-	-	0	2	98
Estonia	2018	56	36	-	3	2	-	2	-	2
Ireland	2016	80	16	1	3	-	-	-	-	-
Greece	2018	89	9	-	-	-	-	1	2	-
Spain	2018	83	9	0	3	0	-	1	-	4
France	2018	85	11	-	2	-	1	0	1	0
Croatia	2019	84	11	-	-	3	-	-	2	-
Italy	2018	84	8	0	1	0	-	0	6	-
Cyprus	2018	93	7	-	-	-	-	-	-	-
Latvia	2019	85	12	-	1	3	-	-	-	-
Lithuania	2015	84	9	5	-	-	-	1	-	1
Luxembourg	2019	73	23	-	-	-	-	5	-	-
Hungary	2019	90	8	-	2	1	-	-	-	-
Malta	2018	94	-	-	-	-	-	-	-	6
Netherlands	2019	81	10	-	1	0	-	0	-	8
Austria	2019	84	13	-	1	3	-	0	-	-
Poland	2019	66	12	-	1	2	-	1	18	-
Portugal	2018	83	16	-	1	-	-	-	-	0
Romania	2019	89	8	-	2	1	-	0	-	-
Slovenia	2018	89	8	-	1	-	-	-	-	2
Slovakia	2018	83	11	2	1	2	-	-	1	-
Finland	2018	80	6	1	0	2	-	-	-	10
Sweden	2018	78	9	1	3	3	-	-	-	6
European Union	2019	78	11	-	1	1	-	0	8	1
Iceland	2019	50	33	-	-	-	-	-	-	17
Norway	2017	54	8	-	2	6	-	-	25	5
Switzerland	2018	64	6	-	3	3	-	-	24	-

EU totals are the sum of available country data.
Categories by country may not add up to 100% due to rounding.
Missing data for some countries and years are marked with a dash (-).

4.3.2 Light conditions

Table 40. Crash conditions: light at the time of the crash (percentage of crashes resulting in fatalities) by country for the last available year.

		Daylight		Dark, street lights:				
Country	**Year**	**Daylight**	**Twilight**	**Lights lit**	**Lights unlit**	**No lights**	**None/unlit**	**Unknown**
Belgium	2018	59	5	26	6	-	3	1
Bulgaria	2018	64	3	9	-	23	-	-
Czechia	2018	65	5	11	19	-	-	-
Denmark	2019	62	4	15	-	19	-	1
Germany	2018	68	5	-	-	-	-	27
Estonia	2018	72	-	8	3	16	-	2
Ireland	2016	56	-	13	2	28	-	-
Greece	2018	59	5	25	1	9	-	-
Spain	2018	60	7	11	3	19	-	-
France	2018	59	7	9	1	24	-	-
Croatia	2019	54	5	24	2	15	-	0
Cyprus	2018	52	-	41	-	7	-	-
Latvia	2019	46	8	9	-	37	-	-
Lithuania	2015	-	6	13	1	29	-	51
Luxembourg	2019	36	5	14	23	23	-	-
Hungary	2019	61	3	17	0	19	-	-
Malta	2018	53	-	41	-	-	-	6
Netherlands	2019	63	5	20	-	9	-	4
Austria	2019	62	5	9	24	-	-	-
Poland	2019	56	9	15	-	21	-	-
Portugal	2018	63	4	18	-	16	-	-
Romania	2019	52	7	21	3	17	-	-
Slovenia	2018	59	10	-	-	-	-	31
Slovakia	2018	56	8	11	-	25	-	-
Finland	2018	60	9	12	-	-	18	1
Sweden	2018	64	6	8	-	16	-	6
European Union	2019	56	7	17	2	17	-	0
Iceland	2019	50	17	-	-	17	-	17
Norway	2017	65	5	15	-	10	-	6
Switzerland	2018	68	-	-	-	-	-	32

Data for Italy was not available.
Categories ‘Unknown’ and ‘Darkness street lights unknown’ are grouped as ‘Unknown’.
EU percentages are calculated on the sum of available country data.
Missing data for some countries and years are marked with a dash (-).

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7 Definitions

The CARE glossary provides short definitions for variables used in the database and in this report.

ACCIDENT / CRASH
Definition: any accident involving at least one road vehicle in motion on a public road or private road to which the public has right of access, resulting in at least one injured or killed person (Source: UNECE/ITF/Eurostat Glossary).
Note: the definition of "injury" varies considerably among EU countries thus affecting the reliability of cross country comparisons.

CRASH AREA TYPE
Definition: the variable indicates the crash area: "Motorway", "Urban Area" and "Rural area". Some manipulation rules are adopted to filter unknown data.

AGE (of person)
Definition: the age (in years and months) of the person is filled in, derived from the date of birth.

BICYCLE/PEDAL CYCLE
Definition: vehicle with at least 2 wheels, without engine. In some cases it can also use electric power.

BUS OR COACH
Definitions Bus: passenger-carrying vehicle, most commonly used for public transport, having more than 16 seats for passengers. Coach: passenger-carrying vehicle, having more than 16 seats for passengers. Most commonly used for interurban movements and touristic trips.

CAR
Definition: motor vehicle with 3 or 4 wheels, mainly used to transport people, seating for no more than 8 occupants. Motor vehicles with these characteristics that are used as taxis as well as motor caravans are also included.

CROSSROAD
Definition: road intersection with four arms. Includes arm sections within 20m distance.

DRIVER
Definition: person driving or riding any motorised vehicle or bicycle. Includes person riding an animal.

FATAL CRASH
Definition: crash with at least one person killed regardless the injury severity of any other persons involved.

FATALITIES
Definition: total number of persons fatally injured; correction factors applied when needed. Death within 30 days of the road crash are included. Confirmed suicides and natural deaths are not included.

FEMALE
Definition: on the basis of identification documents/ personal ID number or determined by the police.

HEAVY GOODS VEHICLE
Definition: includes road tractor, road tractor with semi trailer, lorry over 3.5 tonnes. 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.

HOUR OF DAY
Definition: period of 60 minutes (24 hour notation) of the crash time.

INJURY SEVERITY
Definition: indicates to what extent a person (driver, passenger or pedestrian) was injured or not during a road crash. The CARE database contains data based on national definitions of 'serious injury' and is often subject to the judgement of the police records. The recommended definition is where the person required 24 hours hospitalisation. Values: Fatally injured, Seriously injured. Slightly injured, Not injured, Unknown.

JUNCTION TYPE
Definition: if the crash occurred at a junction, this variable indicates whether the crash occurred at an at-grade junction or at an interchange and the type of junction / interchange. Values: Not at junction, At-grade - crossroad, At-grade - roundabout, At-grade - T or staggered junction, At-grade - multiple junction, Not at grade (interchange), Other, At level crossing, Unknown, At a junction-Not specified.

LORRY, LESS THAN 3.5 TONNES
Definition: goods vehicle under 3.5t maximum gross weight. Smaller motor vehicle used only for the transport of goods.

MALE
Definition: on the basis of identification documents/ personal ID number or determined by the police.

MONTH
Definition: calendar month of the crash date.

MOPED
Definition: two or three wheeled vehicle equipped with internal combustion engine, with size less than 50 cc and maximum speed that does not exceed 45 km/h. The minimum age at which a road user can drive a moped differs between countries.

MOTORCYCLE
Definition: motor vehicle with two or three wheels, with an engine size of more than 50 cc. With a trailer possible. With a sidecar possible. Type A driving license required.

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, bicycles, mopeds, agricultural vehicles.

NOT AT JUNCTION
Definition: the crash has not occurred at a junction (or it has occurred at a distance greater than 20m from a junction).

PASSENGER
Definition: person on or in a vehicle, who is not the driver. Includes person in the act of boarding or alighting from a vehicle.

PEDESTRIAN
Definition: person on foot; person pushing or holding bicycle, person who uses a wheel chair, a pram or a pushchair, leading or herding an animal, riding a toy cycle on the footway, person on roller skates, skateboard or skis. Does not include persons in the act of boarding or alighting from a vehicle.

ROAD USER TYPE
Definition: classifies the person involved in a road crash. Values: Driver, Passenger, Pedestrian, Unknown

ROUNDABOUT
Definition: circular road. Includes sections leading to it, within 20 meter distance.

SERIOUSLY INJURED
Definition: total number of seriously injured persons corrected by correction factors when needed. Injured (although not killed) in the road crash and, in principle, hospitalised at least 24 hours within 30 days from the crash. The Commission is also working with Member States to collect data using the MAIS3+ classification which takes account of the severity of the injured person. See https://www.safetycube-project.eu/wp-content/uploads/SafetyCube-D7.1-Leaflet.pdf

TRAFFIC UNIT TYPE
Definition: indicates the type of traffic unit involved in the crash. Important to assess the variations in road crash risk for the various traffic unit types.

TRANSPORT MODE - TRANSPORT UNIT TYPE GROUP
Definition: grouping traffic unit types. These groups are mainly used in this report. values: agricultural tractor, bus or coach, car, heavy goods vehicle, lorry under 3.5 tonnes, moped, motorcycle, bicycle, pedestrian, other, unknown.

WEEKDAY - date of crash
Definition: 24 hour day within 7 day week. Note: data calculated by the CARE system from the date of crash, where data are not available in national files.

Publications Office