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RSA

Road Casualties and Collisions in Ireland 2018 Tables

Research Department

June 2022

Údarás Um Shábháilteacht Ar Bhóithre
Road Safety Authority

Road Casualties and Collisions in Ireland 2018 - Tables

Introduction

These tables include all road traffic collisions reported to An Garda Síochána and forwarded to the RSA via an electronic data transfer of collision records (see Appendix: Methodological Note). The information provided in the records are based on information collected at the scene of a collision and do not encompass definitive results where a forensic collision investigation took place. This information is used to populate the 2018 road collision database which was then analysed to produce this report. It contains details of fatalities and personal injury collisions which occurred on public roads in Ireland in 2018; it also contains overall figures for all material damage collisions that year. Injury collisions on private property, such as private lanes and car parks, are excluded.

Terminology used in this document:

- Casualties are persons killed or injured in a road collision.
- Injured persons can be further divided by severity into those who were seriously injured and those with minor injuries.
- Goods vehicles include light goods vehicles, such as vans, and heavy goods vehicles, such as articulated trucks.
- The vehicle category 'other' includes vehicles that are not accounted for in other options and would include vehicles such as agricultural tractors.
- An urban area is one where the speed limit was 60km/h or less in 2018 and a rural area is one where the speed limit was greater than 60km/h in 2018.

Note: This is an abridged version of the Road Collision Tables providing final information on road traffic collisions for the year 2018. This report is updated as of June 2022. In some cases, table numbers have changed compared to previous versions of the publication.

All data referenced in this document is sourced from the road collision database of the Road Safety Authority for 2018 and previous years unless otherwise cited. If you wish to reference information from this document, please use the following citation:

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	Pg. No.
Table 1 Collisions Classified by Type and Vehicles Licensed, 2009 – 2018	4
Table 2 Persons Killed and Injured, 2009 – 2018	4
Table 3 Persons Killed Classified by Road User Type, 2009 – 2018	4
Table 4 All Casualties Classified by Road User Type, 2009 – 2018	5
Table 5 Persons Killed and Injured in Each County, 2014-2018	6
Table 6 Traffic Collisions and Casualties Classified by Month of Year	7
Table 7 Fatal and Injury Collisions and Casualties by Day of Week	7
Table 8 Fatal and Injury Collisions and Casualties Classified by Hour of Day	8
Table 9 Fatal and Injury Collisions and Casualties by Light Condition	9
Table 10 All Casualties Classified by Age and Sex	10
Table 11 All Casualties Classified by Age, Inside and Outside Built-up Areas	10
Appendix: Notes and Definitions	11

Table 1 Collisions Classified by Type and Vehicles Licensed, 2009 – 2018

Collision Type	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Fatal	220	185	172	152	179	178	155	172	140	128
Injury	6,395	5,595	5,058	5,458	4,797	5,618	5,676	5,706	5,867	5,928
Material Damage	19,880	21,305	21,863	20,561	21,734	33,510	35,997	37,085	40,702	41,389
TOTAL	26,495	27,085	27,093	26,171	26,710	39,306	41,828	42,963	46,709	47,445
Vehicles current licences (thousands)	2,468	2,416	2,425	2,403	2,483	2,515	2,570	2,625	2,676	2,718

Table 2 Persons Killed and Injured, 2009 – 2018

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Killed	238	212	186	163	188	192	162	182	154	135
Injured	9,742	8,270	7,235	7,942	6,881	8,079	7,840	7,773	7,779	7,998
TOTAL	9,980	8,482	7,421	8,105	7,069	8,271	8,002	7,955	7,933	8,133

Table 3 Persons Killed Classified by Road User Type, 2009 – 2018

Road User Type	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Pedestrians	40	44	47	29	31	41	31	35	31	40
Pedal Cyclists	7	5	9	8	5	13	10	10	14	9
Motor Cyclists	25	17	18	19	26	24	22	22	19	15
Car Users	146	130	95	90	107	103	89	106	78	59
Other Road User*	20	16	17	17	19	11	10	9	12	12
TOTAL	238	212	186	163	188	192	162	182	154	135

*(PSV, Goods vehicle and other or unknown road users)

Table 4 All Casualties Classified by Road User Type, 2009 – 2018

Road User Type	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Pedestrians	1,115	967	977	1,038	926	1,106	1,074	1,077	1,166	1,135
Pedal Cyclists	370	404	404	638	642	877	943	981	1,074	1,087
Motor Cyclists	467	408	342	357	299	315	360	405	374	475
Car Users	7,260	5,944	5,025	5,492	4,642	5,340	4,999	4,860	4,759	4,750
Other Road User*	768	759	673	580	560	633	626	632	560	686
TOTAL	9,980	8,482	7,421	8,105	7,069	8,271	8,002	7,955	7,933	8,133

**(PSV, Goods vehicle and other or unknown road or vehicle users)*

Table 5 Persons Killed and Injured in Each County, 2014-2018

County	Persons Killed					Persons Injured				
	2014	2015	2016	2017	2018	2014	2015	2016	2017	2018
Leinster										
Carlow	5	4	0	3	2	103	95	86	76	56
Dublin	28	16	21	24	14	2,125	2,143	2,245	2,262	2,336
Kildare	4	9	7	6	4	335	343	387	338	386
Kilkenny	3	2	6	3	2	137	166	169	136	122
Laois	7	4	3	2	4	150	96	106	172	160
Longford	4	5	3	2	3	102	136	114	82	81
Louth	6	6	7	10	6	318	245	231	305	247
Meath	5	8	12	8	7	330	303	283	262	251
Offaly	2	5	4	2	2	107	94	116	148	143
Westmeath	6	5	4	1	5	161	160	167	145	123
Wexford	4	7	4	7	2	225	234	217	231	237
Wicklow	7	8	2	2	5	202	191	179	210	164
Munster										
Clare	5	2	4	4	6	173	158	161	190	133
Cork	19	15	21	14	14	816	717	693	772	867
Kerry	14	8	7	8	3	347	279	272	276	322
Limerick	10	4	14	7	9	400	355	350	346	410
Tipperary	14	4	13	7	10	266	237	234	232	252
Waterford	6	0	8	4	3	165	228	194	162	220
Connacht										
Galway	5	12	10	5	7	515	479	424	360	402
Leitrim	1	3	1	1	1	56	86	88	50	50
Mayo	12	13	4	13	9	216	227	209	193	212
Roscommon	6	1	7	4	2	141	114	142	136	107
Sligo	1	2	2	1	1	100	124	99	121	108
Ulster (part of)										
Cavan	1	4	3	2	2	166	168	179	153	155
Donegal	9	11	10	6	10	310	318	314	329	361
Monaghan	8	4	5	8	2	113	144	114	92	93
TOTAL	192	162	182	154	135	8,079	7,840	7,773	7,779	7,998

Table 6 Traffic Collisions and Casualties Classified by Month of Year

Month	Collisions				Casualties			
	Fatal	Injury	Total	%	Killed	Injured	Total	%
January	11	457	468	7.7	12	595	607	7.5
February	10	435	445	7.3	10	575	585	7.2
March	12	425	437	7.2	13	595	608	7.5
April	15	443	458	7.6	17	598	615	7.6
May	4	529	533	8.8	4	737	741	9.1
June	15	517	532	8.8	16	706	722	8.9
July	8	538	546	9.0	8	727	735	9.0
August	11	469	480	7.9	12	632	644	7.9
September	10	504	514	8.5	10	682	692	8.5
October	7	539	546	9.0	7	724	731	9.0
November	10	541	551	9.1	11	719	730	9.0
December	15	531	546	9.0	15	708	723	8.9
TOTAL	128	5,928	6,056	100	135	7,998	8,133	100

Table 7 Fatal and Injury Collisions and Casualties by Day of Week

Day	Collisions				Casualties			
	Fatal	Injury	Total	%	Killed	Injured	Total	%
Sunday	29	694	723	11.9	31	987	1,018	12.5
Monday	15	868	883	14.6	17	1,140	1,157	14.2
Tuesday	21	845	866	14.3	22	1,141	1,163	14.3
Wednesday	15	836	851	14.1	16	1,102	1,118	13.7
Thursday	14	918	932	15.4	15	1,206	1,221	15.0
Friday	17	1000	1,017	16.8	17	1,313	1,330	16.4
Saturday	17	767	784	12.9	17	1,109	1,126	13.8
TOTAL	128	5,928	6,056	100	135	7,998	8,133	100

Table 8 Fatal and Injury Collisions and Casualties Classified by Hour of Day

Hour Beginning	Collisions				Casualties			
	Fatal	Injury	Total	%	Killed	Injured	Total	%
12 midnight	6	121	127	2.1	6	167	173	2.1
1	7	74	81	1.3	7	116	123	1.5
2	1	94	95	1.6	1	137	138	1.7
3	4	67	71	1.2	5	104	109	1.3
4	6	38	44	0.7	7	57	64	0.8
5	3	48	51	0.8	3	61	64	0.8
6	2	92	94	1.6	2	107	109	1.3
7	2	246	248	4.1	2	284	286	3.5
8	6	359	365	6.0	6	459	465	5.7
9	5	321	326	5.4	5	398	403	5.0
10	2	271	273	4.5	2	332	334	4.1
11	3	275	278	4.6	4	354	358	4.4
12	6	353	359	5.9	6	489	495	6.1
13	5	347	352	5.8	6	462	468	5.8
14	8	374	382	6.3	9	532	541	6.7
15	6	408	414	6.8	6	603	609	7.5
16	7	446	453	7.5	7	601	608	7.5
17	7	503	510	8.4	8	655	663	8.2
18	7	424	431	7.1	7	573	580	7.1
19	7	353	360	5.9	7	461	468	5.8
20	4	268	272	4.5	4	403	407	5.0
21	10	192	202	3.3	10	274	284	3.5
22	3	135	138	2.3	3	194	197	2.4
23	11	119	130	2.1	12	175	187	2.3
Unknown	0	0	0	0	0	0	0	0
TOTAL	128	5,928	6,056	100	135	7,998	8,133	100

Table 9 Fatal and Injury Collisions and Casualties by Light Condition

COLLISIONS

Light Condition	Inside Built-up Areas				Outside Built-up Areas			
	Fatal	Injury	Total	%	Fatal	Injury	Total	%
Day - Good visibility	24	2,544	2,568	68.6	37	1,483	1,520	65.7
Day - Poor visibility	0	101	101	2.7	3	103	106	4.6
Dark - Good lighting	7	733	740	19.8	4	66	70	3.0
Dark - Poor lighting	10	188	198	5.3	3	83	86	3.7
Dark - Unlit lighting	0	12	12	0.3	7	70	77	3.3
Dark - No Lighting	3	56	59	1.6	30	414	444	19.2
Unknown	0	65	65	1.7	0	10	10	0.4
Not Stated	0	0	0	0.0	0	0	0	0.0
TOTAL	44	3,699	3,743	100.0	84	2,229	2,313	100.0

CASUALTIES

Light Condition	Inside Built-up Areas				Outside Built-up Areas			
	Killed	Injured	Total	%	Killed	Injured	Total	%
Day - Good visibility	25	3,094	3,119	67.9	39	2,305	2344	66.3
Day - Poor visibility	0	122	122	2.7	4	162	166	4.7
Dark - Good lighting	7	922	929	20.2	4	93	97	2.7
Dark - Poor lighting	13	236	249	5.4	3	136	139	3.9
Dark - Unlit lighting	0	18	18	0.4	7	100	107	3.0
Dark - No Lighting	3	85	88	1.9	30	639	669	18.9
Unknown	0	70	70	1.5	0	16	16	0.5
Not Stated	0	0	0	0.0	0	0	0	0.0
TOTAL	48	4,547	4,595	100	87	3,451	3,538	100

Note: collisions omitted when speed limit is unknown

Table 10 All Casualties Classified by Age and Sex

Age Groups	Male			Female			Overall Total	%
	Killed	Injured	Total	Killed	Injured	Total		
0-5	0	79	79	1	58	59	138	1.7
6-9	0	92	92	0	77	77	169	2.1
10-14	2	153	155	0	123	123	278	3.4
15-17	3	168	171	1	120	121	292	3.6
18-20	7	288	295	2	176	178	473	5.9
21-24	13	377	390	0	288	288	678	8.4
25-34	16	960	976	2	694	696	1,672	20.7
35-44	13	886	899	2	606	608	1,507	18.7
45-54	17	682	699	3	478	481	1,180	14.6
55-64	16	471	487	9	338	347	834	10.3
65 and Over	18	408	426	10	421	431	857	10.6
Unknown	0	2	2	0	0	0	2	0.0
TOTAL	105	4,566	4,671	30	3,379	3,409	8,080	100

Note: Collisions omitted where sex of casualty is not specified.

Table 11 All Casualties Classified by Age, Inside and Outside Built-up Areas

Age Groups	Inside Built-up Areas				Outside Built-up Areas				Overall Total	%	Pop. (000s) (2016 Census)	Cas. per 1000 pop
	Killed	Injured	Total	%	Killed	Injured	Total	%				
0-5	0	81	81	1.8	1	56	57	1.6	138	1.7	404	0.3
6-9	0	108	108	2.4	0	61	61	1.7	169	2.1	283	0.6
10-14	0	167	167	3.6	2	110	112	3.2	279	3.4	319	0.9
15-17	2	166	168	3.7	2	122	124	3.5	292	3.6	184	1.6
18-20	7	246	253	5.5	2	218	220	6.2	473	5.8	175	2.7
21-24	6	400	406	8.8	7	267	274	7.7	680	8.4	217	3.1
25-34	6	988	994	21.6	12	669	681	19.2	1,675	20.6	659	2.5
35-44	3	842	845	18.4	12	651	663	18.7	1,508	18.5	747	2.0
45-54	5	674	679	14.8	15	494	509	14.4	1,188	14.6	626	1.9
55-64	8	409	417	9.1	17	405	422	11.9	839	10.3	509	1.6
65 and Over	11	445	456	9.9	17	385	402	11.4	858	10.5	638	1.3
Unknown	0	21	21	0.5	0	13	13	0.4	34	0.4		
TOTAL	48	4,547	4,595	100	87	3,451	3,538	100	8,133	100	4,761	1.7

Note: Collisions omitted when speed limit is unknown

Appendix: Notes and Definitions

All Road Collisions

'All reported Road collisions' means all collisions investigated by or brought to the notice of An Garda Síochána where the exact location of the collision can be determined.

Collisions and Casualties

Road Collisions are classified as fatal, personal injury or material damage: casualties are classified as either killed or injured.

Fatal Collision:

Where at least one person is killed as a result of the collision and death occurs within 30 days.

Serious Injury Collision:

Where there are no deaths but a person or persons are seriously injured.

The definition of "serious injury" is an injury for which the person is detained in hospital as an 'in-patient', or any of the following injuries whether or not detained in hospital: fractures, concussion, internal injuries, crushings, severe cuts and lacerations, severe general shock requiring medical treatment.

Minor Injury Collision:

Where there are no deaths or serious injuries. The definition of a "minor injury" is an injury of a minor character such as a sprain or bruise.

Material Damage Collision:

Where no deaths or injuries occur but damage is caused to a vehicle or property.

Vehicles

Vehicles are classified as follows

1. Pedal Cycle

A pedal cycle is a two or three-wheeled road vehicle fitted with pedals deriving its sole means of propulsion from human power.

2. Motorcycle

A motorcycle is any mechanically propelled two-wheeled machine and includes mopeds and motor scooters.

3. Car

A passenger road motor vehicle, other than a motor, seating not more than eight passengers (excluding the driver).

4. Public Service Vehicle (PSV)

A passenger road motor vehicle having seating accommodation for more than eight passengers (excluding the driver), and used for the carriage of passengers for reward.

5. Goods Vehicle

A road motor vehicle designed, exclusively or primarily, to carry goods.

6. Other Motor Vehicle

Other motor vehicles are miscellaneous types of motor vehicle not falling into any of the main categories (e.g. Agricultural Tractors).

Rural Area

A rural area is defined as an area where the speed limit zone was greater than 60km/h in 2018.

Urban Areas

An urban area is defined as an area where the speed limit zone was less than or equal to 60km/h in 2018.

Built-up Area

A built up area means an area which was within a 50 to 60km/h. speed limit zone in 2018.

Dark

By 'dark' is meant the hours of darkness which begin half an hour after sunset and end half an hour before sunrise.

Trend Analysis

There is a break in the trends for injury collision and casualty numbers from 2014 onwards due to a change to electronic data capture. This break does not affect the trend figures for fatalities.

Working To Save Lives