



RSA

Road Casualties and Collisions in Ireland 2017 Tables

Research Department

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Údarás Um Shábháilteacht Ar Bhóithre
Road Safety Authority

Road Casualties and Collisions in Ireland 2017 - 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 2017 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 2017; 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.

Notes on terminology:

- 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 (see Appendix: Notes and Definitions).
- 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 2017 and a rural area is one where the speed limit was greater than 60km/h in 2017.

All data referenced in this document is sourced from the road collision database of the Road Safety Authority for 2017 and previous years unless otherwise cited. If you wish to reference information from this document, please use the following citation:

Road Safety Authority (2020) *Road Casualties and Collisions in Ireland 2017 - Tables* [Online]. Available at: <http://www.rsa.ie/en/RSA/Road-Safety/Our-Research/Collision-Statistics/>.

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Section 1: Trends in collisions and casualties

Table 1 Collisions Classified by Type and Vehicles Licensed, 2008 – 2017

Collision Type	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Fatal	254	220	185	172	152	179	178	155	171	140
Injury	6,482	6,395	5,595	5,058	5,458	4,797	5,618	5,676	5,706	5,867
Material Damage	21,728	19,880	21,305	21,863	20,561	21,734	33,510	35,997	37,086	40,702
TOTAL	28,464	26,495	27,085	27,093	26,171	26,710	39,306	41,828	42,963	46,709
Vehicles current licences (thousands)	2,498	2,468	2,416	2,425	2,403	2,483	2,515	2,570	2,625	2,676

Table 2 Persons Killed and Injured, 2008 – 2017

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Killed	279	238	212	186	163	188	192	162	182	155
Injured	9,758	9,742	8,270	7,235	7,942	6,881	8,079	7,840	7,773	7,779
TOTAL	10,037	9,980	8,482	7,421	8,105	7,069	8,271	8,002	7,955	7,934

Table 3 Persons Killed Classified by Road User Type, 2008 – 2017

Road User Type	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Pedestrians	49	40	44	47	29	31	41	31	35	31
Pedal Cyclists	13	7	5	9	8	5	13	10	10	14
Motor Cyclists	29	25	17	18	19	26	24	22	22	19
Car Users	160	146	130	95	90	107	103	89	106	78
Other Road User*	28	20	16	17	17	19	11	10	9	13
TOTAL	279	238	212	186	163	188	192	162	182	155

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

Table 4 All Casualties Classified by Road User Type, 2008 – 2017

Road User Type	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Pedestrians	1,173	1,115	967	977	1,038	926	1,106	1,074	1,077	1,166
Pedal Cyclists	349	370	404	404	638	642	877	943	981	1,074
Motor Cyclists	523	467	408	342	357	299	315	360	405	374
Car Users	7,105	7,260	5,944	5,025	5,492	4,642	5,340	4,999	4,860	4,759
Other Road User*	887	768	759	673	580	560	633	626	632	561
TOTAL	10,037	9,980	8,482	7,421	8,105	7,069	8,271	8,002	7,955	7,934

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

Table 5 Persons Killed and Injured in Each County, 2013-2017

County	Persons Killed					Persons Injured				
	2013	2014	2015	2016	2017	2013	2014	2015	2016	2017
Leinster										
Carlow	2	5	4	0	3	89	103	95	86	76
Dublin	19	28	16	21	24	1,410	2,125	2,143	2,245	2,262
Kildare	15	4	9	7	6	337	335	343	387	338
Kilkenny	4	3	2	6	4	119	137	166	169	136
Laois	2	7	4	3	2	95	150	96	106	172
Longford	2	4	5	3	2	86	102	136	114	82
Louth	4	6	6	7	10	294	318	245	231	305
Meath	9	5	8	12	8	227	330	303	283	262
Offaly	5	2	5	4	2	135	107	94	116	148
Westmeath	5	6	5	4	1	105	161	160	167	145
Wexford	7	4	7	4	7	201	225	234	217	231
Wicklow	6	7	8	2	2	183	202	191	179	210
Munster										
Clare	2	5	2	4	4	182	173	158	161	190
Cork	18	19	15	21	14	707	816	717	693	772
Kerry	14	14	8	7	8	250	347	279	272	276
Limerick	6	10	4	14	7	401	400	355	350	346
Tipperary	12	14	4	13	7	248	266	237	234	232
Waterford	2	6	0	8	4	195	165	228	194	162
Connacht										
Galway	13	5	12	10	5	467	515	479	424	360
Leitrim	2	1	3	1	1	40	56	86	88	50
Mayo	6	12	13	4	13	216	216	227	209	193
Roscommon	4	6	1	7	4	119	141	114	142	136
Sligo	5	1	2	2	1	149	100	124	99	121
Ulster (part of)										
Cavan	3	1	4	3	2	163	166	168	179	153
Donegal	13	9	11	10	6	355	310	318	314	329
Monaghan	8	8	4	5	8	107	113	144	114	92
TOTAL	188	192	162	182	155	6,880	8,079	7,840	7,773	7,779

Section 2: General Tables

Table 6 Traffic Collisions and Casualties Classified by Month of Year

Month	Collisions				Casualties			
	Fatal	Injury	Total	%	Killed	Injured	Total	%
January	14	449	463	7.7	16	581	597	7.5
February	11	406	417	6.9	11	520	531	6.7
March	19	502	521	8.7	20	668	688	8.7
April	6	387	393	6.5	7	537	544	6.9
May	8	518	526	8.8	8	706	714	9.0
June	13	479	492	8.2	14	622	636	8.0
July	14	476	490	8.2	16	656	672	8.5
August	10	469	479	8.0	10	633	643	8.1
September	10	541	551	9.2	13	702	715	9.0
October	10	506	516	8.6	10	634	644	8.1
November	13	590	603	10.0	14	804	818	10.3
December	12	544	556	9.3	16	716	732	9.2
TOTAL	140	5,867	6,007	100	155	7,779	7,934	100

Table 7 Fatal and Injury Collisions and Casualties Classified by Hour of Day

Hour Beginning	Collisions				Casualties			
	Fatal	Injury	Total	%	Killed	Injured	Total	%
12 midnight	5	99	104	1.7	7	129	136	1.7
1	7	80	87	1.4	7	114	121	1.5
2	3	100	103	1.7	4	145	149	1.9
3	5	76	81	1.3	6	111	117	1.5
4	5	48	53	0.9	6	72	78	1.0
5	2	47	49	0.8	2	55	57	0.7
6	3	104	107	1.8	3	131	134	1.7
7	8	205	213	3.5	8	257	265	3.3
8	4	338	342	5.7	4	411	415	5.2
9	7	281	288	4.8	7	346	353	4.4
10	5	294	299	5.0	5	373	378	4.8
11	7	276	283	4.7	8	363	371	4.7
12	11	299	310	5.2	13	381	394	5.0
13	4	348	352	5.9	6	472	478	6.0
14	12	352	364	6.1	12	479	491	6.2
15	6	414	420	7.0	6	562	568	7.2
16	8	413	421	7.0	8	580	588	7.4
17	6	554	560	9.3	6	727	733	9.2
18	6	443	449	7.5	11	596	607	7.7
19	7	371	378	6.3	7	499	506	6.4
20	7	270	277	4.6	7	370	377	4.8
21	3	178	181	3.0	3	230	233	2.9
22	4	151	155	2.6	4	208	212	2.7
23	5	126	131	2.2	5	168	173	2.2
Unknown	0	0	0	0	0	0	0	0
TOTAL	140	5,867	6,007	100	155	7,779	7,934	100

Table 8 Fatal and Injury Collisions and Casualties by Day of Week

Day	Collisions				Casualties			
	Fatal	Injury	Total	%	Killed	Injured	Total	%
Sunday	30	756	786	13.1	31	1,063	1,094	13.8
Monday	29	825	854	14.2	37	1,064	1,101	13.9
Tuesday	17	826	843	14.0	17	1,075	1,092	13.8
Wednesday	16	883	899	15.0	17	1,133	1,150	14.5
Thursday	9	881	890	14.8	10	1,162	1,172	14.8
Friday	17	893	910	15.1	20	1,164	1,184	14.9
Saturday	22	803	825	13.7	23	1,118	1,141	14.4
TOTAL	140	5,867	6,007	100	155	7,779	7,934	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	23	2,427	2,450	66.8	55	1,442	1,497	64.2
Day - Poor visibility	0	100	100	2.7	1	111	112	4.8
Dark - Good lighting	12	756	768	20.9	2	104	106	4.5
Dark - Poor lighting	3	202	205	5.6	5	70	75	3.2
Dark - Unlit lighting	1	4	5	0.1	4	54	58	2.5
Dark - No Lighting	3	55	58	1.6	31	442	473	20.3
Unknown	0	73	73	2.0	0	12	12	0.5
Not Stated	0	9	9	0.2	0	0	0	0.0
TOTAL	42	3,626	3,668	100.0	98	2,235	2,333	100.0

CASUALTIES

Light Condition	Inside Built-up Areas				Outside Built-up Areas			
	Killed	Injured	Total	%	Killed	Injured	Total	%
Day - Good visibility	23	2,907	2,930	66.1	61	2,207	2,268	64.8
Day - Poor visibility	0	118	118	2.7	1	169	170	4.9
Dark - Good lighting	12	949	961	21.7	2	164	166	4.7
Dark - Poor lighting	3	240	243	5.5	5	96	101	2.9
Dark - Unlit lighting	1	6	7	0.2	7	81	88	2.5
Dark - No Lighting	4	77	81	1.8	36	659	695	19.9
Unknown	0	78	78	1.8	0	12	12	0.3
Not Stated	0	12	12	0.3	0	0	0	0.0
TOTAL	43	4,387	4,430	100	112	3,388	3,500	100

Note: collisions omitted when speed limit is unknown

Table 10 Fatal and Injury Collisions Classified by Primary Weather Conditions

Weather	Fatal	Serious Injury	Minor Injury	Total	%
Dry	110	727	3,713	4,550	75.7
Wet	26	159	920	1,105	18.4
Frost/Ice	2	8	36	46	0.8
Snow	1	3	12	16	0.3
Fog/Mist	0	7	31	38	0.6
High Winds	1	3	11	15	0.2
Other	0	0	0	0	0.0
Unknown	0	31	191	222	3.7
Not Specified	0	0	15	15	0.2
TOTAL	140	938	4,929	6,007	100.0

Table 11 Fatal and Injury Collisions Classified by Road Surface Conditions

Road Surface	Fatal	Serious Injury	Minor Injury	Total	%
Dry	88	589	3,180	3,857	64.2
Wet	49	300	1,450	1,799	29.9
Frost/Ice	3	13	70	86	1.4
Snow	0	2	7	9	0.1
Other	0	3	9	12	0.2
Unknown	0	31	198	229	3.8
Not Specified	0	0	15	15	0.2
TOTAL	140	938	4,929	6,007	100.0

Table 12 Fatal and Injury Collisions Classified by Road Character and Road Gradient

Road Character	Fatal	Serious Injury	Minor Injury	Total	%
Straight	99	722	3,973	4,794	79.8
Bend	41	216	947	1,204	20.0
Not Specified	0	0	9	9	0.1
TOTAL	140	938	4,929	6,007	100.0

Road Gradient	Fatal	Serious Injury	Minor Injury	Total	%
Hillcrest	0	4	27	31	0.5
Some Gradient	32	101	527	660	11.0
Up Hill	9	45	276	330	5.5
Down Hill	11	60	286	357	5.9
No Gradient	88	728	3,798	4,614	76.8
Not Specified	0	0	15	15	0.2
TOTAL	140	938	4,929	6,007	100.0

Table 13 Collisions classified by Road Surface Conditions and by Occurrence of Skidding

Road Surface	Skidding Occurred	No Skidding	Not Stated	Total	Skidding Rate (%)*
Dry	302	3,201	354	3,857	8.6
Wet	258	1,171	370	1,799	18.1
Frost/Ice	40	30	16	86	57.1
Snow	5	4	0	9	55.6
Other	5	6	1	12	45.5
Unknown	1	58	170	229	1.7
Not Specified	0	0	15	15	0.0
TOTAL	611	4,470	926	6,007	12.0

Table 14 Collisions on Wet Roads Classified by Road Character & Road Gradient and by Occurrence of Skidding

Road Character	Skidding Occurred	No Skidding	Not Stated	Total	Rate (%)*
Straight	141	899	277	1,317	13.6
Bend	117	272	93	482	30.1
TOTAL	258	1,171	370	1,799	18.1

*Excludes not specified category

Road Gradient	Skidding Occurred	No Skidding	Not Stated	Total	Rate (%)*
Hillcrest	3	8	2	13	27.3
Some Gradient	44	133	54	231	24.9
Up Hill	11	79	17	107	12.2
Down Hill	27	82	22	131	24.8
No Gradient	173	869	275	1,317	16.6
TOTAL	258	1,171	370	1,799	18.1

*Excludes not specified category

Table 15 Fatal and Injury Collisions Inside and Outside Built-up Areas Classified by Collision Type

Collision Type	Inside Built-up Areas				Outside Built-up Areas			
	Fatal	Injury	Total	%	Fatal	Injury	Total	%
Single Vehicle and Pedestrian	16	958	974	26.6	9	77	86	3.7
Single Vehicle Only	10	418	428	11.7	41	814	855	36.6
Two or more Vehicle Collisions	16	2,249	2,265	61.8	48	1,344	1,392	59.7
TOTAL	42	3,625	3,667	100	98	2,235	2,333	100

Breakdown of two or more vehicle accidents	Inside Built-up Areas				Outside Built-up Areas			
	Killed	Injured	Total	%	Killed	Injured	Total	%
Rear End	0	605	605	26.7	2	391	393	28.2
Angle	2	264	266	11.7	4	231	235	16.9
Head On	7	183	190	8.4	21	325	346	24.9
Other/ Not Known	7	1,197	1,204	53.2	21	397	418	30.0
TOTAL	16	2,249	2,256	100	48	1,344	1,392	100

*Note: Collisions omitted when speed limit is unknown

Table 16 Single Vehicle Collisions not Involving Pedestrians Classified by Type of Collision

Type of collision	Fatal	Injury	Total	%
Bollard/Island	0	14	14	1.1
Parked Vehicle	0	1	1	0.1
Parked Trailer/Skip	0	1	1	0.1
Pole	2	81	83	6.5
Tree	9	72	81	6.3
Animal	0	22	22	1.7
Wall/Gate	17	185	202	15.7
Ditch	8	367	375	29.2
Other/Unknown	13	491	504	39.2
Not Stated	2	0	2	0.2
TOTAL	51	1,234	1,285	100

Table 17 Fatal and Injury Collisions Classified by Possible Contributory Factor Where Specified

TO BE UPDATED - PLEASE SEE METHODOLOGICAL NOTE

Section 3: Casualties

Table 18 All Casualties Classified by Road User Type

Casualty Class	Killed	Serious Injury	Minor Injury	Total	%
Pedestrians	31	262	873	1,166	14.7
Pedal Cycle Users	14	189	875	1,078	13.6
Motorcycle Users	19	122	233	374	4.7
Car Users	78	419	4,262	4,759	60.0
PSV Users	0	5	60	65	0.8
Goods Vehicle Users	10	45	342	397	5.0
Other	3	10	82	95	1.2
TOTAL	155	1,052	6,727	7,934	100

Note: Collisions omitted when injury severity or casualty class is unknown

Table 19 All Casualties Classified by Road User Type and by Age

Age Groups	Pedestrians				Pedal Cyclists				Motor Cyclists			
	Killed	Injured	Total	%	Killed	Injured	Total	%	Killed	Injured	Total	%
0-5	0	50	50	4.3	0	6	6	0.6	0	0	0	0.0
6-9	1	67	68	5.8	0	16	16	1.5	0	1	1	0.3
10-14	0	93	93	8.0	0	48	48	4.5	0	1	1	0.3
15-17	1	58	59	5.1	0	50	50	4.6	0	7	7	1.9
18-20	1	69	70	6.0	0	49	49	4.5	1	25	26	7.0
21-24	1	84	85	7.3	0	98	98	9.1	0	29	29	7.8
25-34	7	198	205	17.6	3	262	265	24.6	8	95	103	27.5
35-44	5	150	155	13.3	2	270	272	25.2	3	75	78	20.9
45-54	6	105	111	9.5	6	138	144	13.4	6	71	77	20.6
55-64	1	98	99	8.5	1	88	89	8.3	0	37	37	9.9
65 and over	8	153	161	13.8	2	32	34	3.2	1	12	13	3.5
Unknown	0	10	10	0.9	0	7	11	0.6	0	2	2	0.5
TOTAL	31	1,135	1,166	100	14	1,064	1,078	100	19	355	374	100

Age Groups	Car Drivers				Car Passengers				Total Car Users				Other Road Users			
	K	I	T	%	K	I	T	%	K	I	T	%	K	I	T	%
0-5	0	0	0	0.0	1	103	104	6.5	1	103	104	2.2	0	2	2	0.4
6-9	0	0	0	0.0	2	101	103	6.4	2	101	103	2.2	0	6	6	1.1
10-14	0	0	0	0.0	0	129	129	8.0	0	129	129	2.7	0	18	18	3.2
15-17	0	13	13	0.4	2	108	110	6.8	2	121	123	2.6	1	12	13	2.3
18-20	4	153	157	5.0	5	176	181	11.3	9	329	338	7.1	0	25	25	4.5
21-24	9	278	287	9.1	0	164	164	10.2	9	442	451	9.5	1	42	43	7.7
25-34	10	716	726	23.0	1	254	255	15.9	11	970	981	20.6	4	120	124	22.3
35-44	10	680	690	21.9	3	155	158	9.8	13	835	848	17.8	0	141	141	25.3
45-54	3	546	549	17.4	1	149	150	9.3	4	695	699	14.7	0	98	98	17.6
55-64	4	327	331	10.5	3	99	102	6.3	7	426	433	9.1	4	47	51	9.2
65 and over	13	380	393	12.5	7	139	146	9.1	20	519	539	11.3	3	31	34	6.1
Unknown	0	5	5	0.2	0	6	6	0.4	0	11	11	0.2	0	2	2	0.4
TOTAL	53	3,098	3,151	100	25	1,583	1,608	100	78	4,681	4,759	100	13	544	557	100

Table 20 Male Casualties Classified by Road User Type and by Age, Where Specified

Age Groups	Pedestrians				Pedal Cyclists				Motor Cyclists			
	Killed	Injured	Total	%	Killed	Injured	Total	%	Killed	Injured	Total	%
0-5	0	33	33	5.1	0	6	6	0.8	0	0	0	0.0
6-9	1	33	34	5.2	0	11	11	1.4	0	1	1	0.3
10-14	0	54	54	8.3	0	42	42	5.3	0	1	1	0.3
15-17	1	36	37	5.7	0	47	47	5.9	0	7	7	2.1
18-20	1	40	41	6.3	0	43	43	5.4	1	23	24	7.0
21-24	1	47	48	7.4	0	65	65	8.2	0	25	25	7.3
25-34	6	115	121	18.6	2	168	170	21.5	7	88	95	27.9
35-44	5	86	91	14.0	1	202	203	25.6	3	71	74	21.7
45-54	3	51	54	8.3	5	109	114	14.4	6	64	70	20.5
55-64	1	54	55	8.5	1	62	63	8.0	0	30	30	8.8
65 and over	5	74	79	12.2	0	25	25	3.2	1	12	13	3.8
Unknown	0	3	3	0.5	0	3	3	0.4	0	1	1	0.3
TOTAL	24	626	650	100	9	783	792	100	18	323	341	100

Age Groups	Car Drivers				Car Passengers				Total Car Users				Other Road Users			
	K	I	T	%	K	I	T	%	K	I	T	%	K	I	T	%
0-5	0	0	0	0.0	0	49	49	7.1	0	49	49	2.1	0	1	1	0.2
6-9	0	0	0	0.0	2	43	45	6.5	2	43	45	1.9	0	2	2	0.4
10-14	0	0	0	0.0	0	57	57	8.2	0	57	57	2.5	0	13	13	2.8
15-17	0	11	11	0.7	2	48	50	7.2	2	59	61	2.6	1	9	10	2.1
18-20	4	109	113	6.9	3	92	95	13.7	7	201	208	9.0	0	21	21	4.5
21-24	9	163	172	10.5	0	88	88	12.7	9	251	260	11.2	1	34	35	7.5
25-34	8	340	348	21.3	1	129	130	18.8	9	469	478	20.6	4	103	107	22.8
35-44	7	318	325	19.9	2	62	64	9.2	9	380	389	16.7	0	119	119	25.4
45-54	2	278	280	17.2	1	42	43	6.2	3	320	323	13.9	0	82	82	17.5
55-64	2	153	155	9.5	1	25	26	3.8	3	178	181	7.8	4	43	47	10.0
65 and over	6	220	226	13.9	1	43	44	6.3	7	263	270	11.6	3	28	31	6.6
Unknown	0	1	1	0.1	0	2	2	0.3	0	3	3	0.1	0	1	1	0.2
TOTAL	38	1,593	1,631	100	13	680	693	100	51	2,273	2,324	100	13	456	469	100

Table 21 Female Casualties Classified by Road User Type and by Age, Where Specified

Age Groups	Pedestrians				Pedal Cyclists				Motor Cyclists			
	Killed	Injured	Total	%	Killed	Injured	Total	%	Killed	Injured	Total	%
0-5	0	17	17	3.3	0	0	0	0.0	0	0	0	0.0
6-9	0	34	34	6.6	0	5	5	1.8	0	0	0	0.0
10-14	0	39	39	7.6	0	6	6	2.1	0	0	0	0.0
15-17	0	22	22	4.3	0	3	3	1.1	0	0	0	0.0
18-20	0	29	29	5.7	0	6	6	2.1	0	2	2	6.3
21-24	0	37	37	7.2	0	33	33	11.7	0	4	4	12.5
25-34	1	83	84	16.4	1	94	95	33.6	1	7	8	25.0
35-44	0	64	64	12.5	1	68	69	24.4	0	4	4	12.5
45-54	3	54	57	11.1	1	29	30	10.6	0	7	7	21.9
55-64	0	44	44	8.6	0	26	26	9.2	0	7	7	21.9
65 and over	3	79	82	16.0	2	7	9	3.2	0	0	0	0.0
Unknown	0	3	3	0.6	0	1	1	0.4	0	0	0	0.0
TOTAL	7	505	512	100	5	278	283	100	1	31	32	100

Age Groups	Car Drivers				Car Passengers				Total Car Users				Other Road Users			
	K	I	T	%	K	I	T	%	K	I	T	%	K	I	T	%
0-5	0	0	0	0.0	1	54	55	6.1	1	54	55	2.3	0	1	1	1.1
6-9	0	0	0	0.0	0	58	58	6.4	0	58	58	2.4	0	4	4	4.6
10-14	0	0	0	0.0	0	72	72	7.9	0	72	72	3.0	0	5	5	5.7
15-17	0	2	2	0.1	0	60	60	6.6	0	62	62	2.6	0	3	3	3.4
18-20	0	44	44	2.9	2	84	86	9.5	2	128	130	5.4	0	4	4	4.6
21-24	0	115	115	7.6	0	75	75	8.3	0	190	190	7.9	0	8	8	9.2
25-34	2	375	377	25.0	0	123	123	13.6	2	498	500	20.7	0	17	17	19.5
35-44	3	359	362	24.0	1	93	94	10.4	4	452	456	18.9	0	22	22	25.3
45-54	1	267	268	17.7	0	107	107	11.8	1	374	375	15.5	0	16	16	18.4
55-64	2	174	176	11.6	2	73	75	8.3	4	247	251	10.4	0	4	4	4.6
65 and over	7	158	165	10.9	6	95	101	11.1	13	253	266	11.0	0	3	3	3.4
Unknown	0	2	2	0.1	0	1	1	0.1	0	3	3	0.1	0	0	0	0.0
TOTAL	15	1,496	1,511	100	12	895	907	100	27	2,391	2,418	100	0	87	87	100

Table 22 All Casualties Classified by Age and Sex

Age Groups	Male			Female			Overall Total	%
	Killed	Injured	Total	Killed	Injured	Total		
0-5	0	89	89	1	72	73	162	2.0
6-9	3	90	93	0	100	100	193	2.4
10-14	0	167	167	0	122	122	289	3.7
15-17	4	158	162	0	90	90	252	3.2
18-20	9	328	337	2	169	171	508	6.4
21-24	11	422	433	0	271	271	704	8.9
25-34	28	943	971	5	697	702	1,673	21.2
35-44	18	858	876	5	610	615	1,491	18.9
45-54	17	626	643	5	480	485	1,128	14.3
55-64	9	367	376	4	328	332	708	9.0
65 and over	16	402	418	18	342	360	778	9.8
Unknown	0	11	11	0	7	7	18	0.2
TOTAL	115	4,461	4,576	40	3,288	3,328	7,904	100.0

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

Table 23 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	99	99	2.2	1	62	63	1.8	162	2.0	404	0.4
6-9	1	125	126	2.8	2	65	67	1.9	193	2.4	283	0.7
10-14	0	183	183	4.1	0	106	106	3.0	289	3.6	319	0.9
15-17	1	153	154	3.5	3	95	98	2.8	252	3.2	184	1.4
18-20	3	275	278	6.3	8	222	230	6.6	508	6.4	175	2.9
21-24	1	375	376	8.5	10	319	329	9.4	705	8.9	217	3.2
25-34	14	969	983	22.2	19	674	693	19.8	1,676	21.1	659	2.5
35-44	7	861	868	19.6	16	613	629	18.0	1,497	18.9	747	2.0
45-54	8	605	613	13.8	14	504	518	14.8	1,131	14.3	626	1.8
55-64	1	362	363	8.2	12	335	347	9.9	710	9.0	509	1.4
65 and over	7	364	371	8.4	27	383	410	11.7	781	9.8	638	1.2
Unknown	0	16	16	0.4	0	10	10	0.3	26	0.3		
TOTAL	43	4,387	4,430	100	112	3,388	3,500	100	7,930	100	4,761	1.7

Note: Collisions omitted when speed limit is unknown

Table 24 Casualties Classified by Road User Type, Inside and Outside Built-up Areas

Casualty Class	Inside Built-up Areas				Outside Built-up Areas			
	Killed	Injured	Total	%	Killed	Injured	Total	%
Pedestrians	18	1,034	1,052	23.8	13	98	111	3.2
Pedal Cycle Users	5	947	952	21.5	9	117	126	3.6
Motorcycle Users	8	229	237	5.4	11	126	137	3.9
Car Users	9	1,987	1,996	45.1	69	2,693	2762	78.9
PSV Users	0	20	20	0.5	0	45	45	1.3
Goods Vehicle Users	2	123	125	2.8	8	264	272	7.8
Other	1	46	47	1.1	2	45	47	1.3
Unknown	0	0	0	0.0	0	0	0	0.0
TOTAL	43	4,386	4,429	100	112	3,388	3,500	100

Note: Collisions omitted when speed limit is unknown

Table 25 Pedestrian Casualties Classified by Light Condition and by Location Type

Light Condition	Inside Built-up Areas				Outside Built-up Areas			
	Killed	Injured	Total	%	Killed	Injured	Total	%
Day - Good visibility	7	632	639	60.7	2	44	46	41.4
Day - Poor visibility	0	26	26	2.5	0	10	10	9.0
Dark - Good lighting	8	246	254	24.1	2	6	8	7.2
Dark - Poorly lighting	1	91	92	8.7	2	1	3	2.7
Dark - Unlit lighting	0	0	0	0.0	0	5	5	4.5
Dark - No Lighting	2	15	17	1.6	7	31	38	34.2
Unknown	0	21	21	2.0	0	1	1	0.9
Not Stated	0	3	3	0.3	0	0	0	0.0
TOTAL	18	1,034	1,052	100	13	98	111	100

Note: Collisions omitted when speed limit is unknown

Table 26 Pedestrian Casualties Classified by Pedestrian Action, Age of Pedestrian and by Darkness or Daylight

Pedestrian Action	Age								
	0-14		15-64		65 & over		All ages		Total
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured	
DAYLIGHT									
Crossing masked by Parked Car	0	15	0	14	0	3	0	32	32
Otherwise crossing	0	30	0	59	0	32	0	121	121
Walking with traffic	0	0	0	12	0	1	0	13	13
Walking against traffic	0	1	0	1	0	0	0	2	2
Standing in roadway	0	1	0	16	0	1	0	18	18
Playing in roadway	0	6	0	1	0	0	0	7	7
Lying on roadway	0	0	0	1	0	0	0	1	1
Other	0	91	2	161	2	24	4	276	280
Unknown	1	32	3	152	1	44	5	228	233
TOTAL	1	176	5	417	3	105	9	698	707
DARKNESS									
Crossing masked by Parked Car	0	3	0	4	0	0	0	7	7
Otherwise crossing	0	2	3	42	1	10	4	54	58
Walking with traffic	0	0	1	9	0	0	1	9	10
Walking against traffic	0	0	1	3	0	0	1	3	4
Standing in roadway	0	0	0	10	0	0	0	10	10
Playing in roadway	0	1	0	0	0	0	0	1	1
Lying on roadway	0	0	2	1	0	0	2	1	3
Other	0	20	6	150	1	21	7	191	198
Unknown	0	2	4	102	3	11	7	115	122
TOTAL	0	28	17	321	5	42	22	391	413
OVERALL TOTAL	1	204	22	738	8	147	31	1,089	1,120

Note: Collisions omitted where age or light conditions not specified

Section 4: Drivers and Vehicles

Table 27 Drivers Involved in Fatal and Injury Collisions Classified by Vehicle Type

All Drivers	Drivers				
	Killed	Injured	Uninjured	Total	%
Pedal Cycle	14	1060	34	1,108	11.4
Motorcycle	18	334	26	378	3.9
Car	53	3098	3775	6,926	71.3
PSV	0	22	105	127	1.3
Goods Vehicle	9	286	692	987	10.2
Other or Unknown	3	61	118	182	1.9
TOTAL	97	4,861	4,750	9,708	100

Table 28 Male Drivers Involved in Fatal and Injury Collisions Classified by Vehicle Type

Male Drivers*	Drivers				
	Killed	Injured	Uninjured	Total	%
Pedal Cycle	9	783	25	817	12.7
Motorcycle	18	313	25	356	5.5
Car	38	1593	2397	4,028	62.7
PSV	0	17	102	119	1.9
Goods Vehicle	9	272	660	941	14.7
Other or Unknown	3	53	103	159	2.5
TOTAL	77	3,031	3,312	6,420	100

*Where gender specified

Table 29 Female Drivers Involved in Fatal and Injury Collisions Classified by Vehicle Type

Female Drivers*	Drivers				
	Killed	Injured	Uninjured	Total	%
Pedal Cycle	5	274	2	281	8.8
Motorcycle	0	20	0	20	0.6
Car	15	1496	1338	2,849	88.9
PSV	0	5	3	8	0.2
Goods Vehicle	0	13	16	29	0.9
Other or Unknown	0	6	13	19	0.6
TOTAL	20	1,814	1,372	3,206	100

*Where gender specified

Table 30 Drivers of Cars Involved in Fatal and Injury Collisions Classified by Age and by Sex

Age Group	Drivers									
	Male				Female				Overall Total	% of Total
	Killed	Injured	Uninjured	Total	Killed	Injured	Uninjured	Total		
0-5	0	0	0	0	0	0	0	0	0	0.0
6-9	0	0	0	0	0	0	0	0	0	0.0
10-14	0	0	0	0	0	0	0	0	0	0.0
15-17	0	11	13	24	0	2	3	5	29	0.4
18-20	4	109	152	265	0	44	40	84	349	5.1
21-24	9	163	209	381	0	115	90	205	586	8.5
25-34	8	340	498	846	2	375	312	689	1,535	22.3
35-44	7	318	506	831	3	359	343	705	1,536	22.3
45-54	2	278	464	744	1	267	267	535	1,279	18.6
55-64	2	153	288	443	2	174	149	325	768	11.2
65 and over	6	220	261	487	7	158	130	295	782	11.4
Unknown	0	1	6	7	0	2	4	6	13	0.2
TOTAL	38	1,593	2,397	4,028	15	1,496	1,338	2,849	6,877	100

Table 31 Motorcycle Drivers Involved in Fatal and Injury Collisions Classified by Age and by Sex

Age Group	Male				Female				Overall Total	% of Total
	Killed	Injured	Uninjured	Total	Killed	Injured	Uninjured	Total		
0-5	0	0	0	0	0	0	0	0	0	0.0
6-9	0	0	0	0	0	0	0	0	0	0.0
10-14	0	0	0	0	0	0	0	0	0	0.0
15-17	0	4	0	4	0	0	0	0	4	1.1
18-20	1	22	1	24	0	2	0	2	26	6.9
21-24	0	23	2	25	0	4	0	4	29	7.7
25-34	7	88	8	103	0	4	0	4	107	28.5
35-44	3	69	7	79	0	2	0	2	81	21.5
45-54	6	64	2	72	0	5	0	5	77	20.5
55-64	0	30	4	34	0	3	0	3	37	9.8
65 and over	1	12	0	13	0	0	0	0	13	3.5
Unknown	0	1	1	2	0	0	0	0	2	0.5
TOTAL	18	313	25	356	0	20	0	20	376	100

Table 32 Drivers of Other Vehicles Involved in Fatal and Injury Collisions Classified by Age and by Sex

Age Group	Male				Female				Overall Total	% of Total
	Killed	Injured	Uninjured	Total	Killed	Injured	Uninjured	Total		
0-5	0	0	0	0	0	0	0	0	0	0.0
6-9	0	0	0	0	0	0	0	0	0	0.0
10-14	0	0	1	1	0	0	0	0	1	0.1
15-17	1	6	5	12	0	0	1	1	13	1.0
18-20	0	12	16	28	0	0	0	0	28	2.2
21-24	1	19	46	66	0	0	3	3	69	5.4
25-34	3	81	176	260	0	6	8	14	274	21.5
35-44	0	91	249	340	0	5	10	15	355	27.8
45-54	0	65	190	255	0	8	6	14	269	21.1
55-64	4	42	123	169	0	3	1	4	173	13.6
65 and over	3	26	59	88	0	2	1	3	91	7.1
Unknown	0	0	3	3	0	0	0	0	3	0.2
TOTAL	12	342	868	1,222	0	24	30	54	1,276	100

Note: Pedal Cyclists excluded from this table

Table 33 Users of Cars Involved in Fatal and Injury Collisions Classified by Seat Belt Usage

Seat Belt Usage	Killed	Injured	Uninjured	Total	%
Car Drivers					
Seat Belt in Use	31	2,273	2,439	4,743	68.0
Seat Belt Not in Use	15	95	34	144	2.1
Unknown	7	726	1,267	2,000	28.7
Not Stated	0	4	85	89	1.3
TOTAL	53	3,098	3,825	6,976	100
Passengers (front seat)					
Seat Belt in Use	9	661	-	670	73.2
Seat Belt Not in Use	0	42	-	42	4.6
Unknown	2	198	-	200	21.9
Not Stated	0	3	-	3	0.3
TOTAL	11	904	-	915	100

Table 34 Users of Motorcycles Involved in Fatal and Injury Collisions Classified by Crash Helmet Usage

Crash Helmet Usage	Killed	Injured	Uninjured	Total	%
Crash Helmet in Use	16	306	23	345	91.3
Crash Helmet Not in Use	2	15	2	19	5.0
Unknown	0	11	0	11	2.9
Not Stated	0	2	1	3	0.8
TOTAL	18	334	26	378	100
Pillion					
Crash Helmet in Use	1	16		17	77.3
Crash Helmet Not in Use	0	4		4	18.2
Unknown	0	1		1	4.5
Not Stated	0	0		0	0.0
TOTAL	1	21		22	100

Table 35 Cars and Goods Vehicles Involved in Fatal and Injury Collisions Classified by Driver's Country of Residence*

	Fatal	Injury	Total	%
CARS				
Ireland	129	6,499	6,628	96.3
Northern Ireland	4	101	105	1.5
Britain	0	37	37	0.5
Other	3	113	116	1.7
TOTAL	136	6,750	6,886	100
GOODS				
Ireland	31	910	941	96.1
Northern Ireland	1	31	32	3.3
Britain	0	1	1	0.1
Other	0	5	5	0.5
TOTAL	32	947	979	100

**where specified*

Table 36 Two Vehicle Collisions: Contributory Action, where Specified

TO BE UPDATED – PLEASE SEE METHODOLOGICAL NOTE

Table 37 Vehicles Involved in Fatal and Injury Collisions Classified by Vehicle Type and by Location Type

Vehicle Type	Inside Built-up Areas				Outside Built-up Areas			
	Fatal	Injury	Total	%	Fatal	Injury	Total	%
Pedal Cycles	5	966	971	17.8	8	103	111	3.3
Motorcycles	8	215	223	4.1	9	110	119	3.6
Cars	29	3,621	3,650	67.0	81	2,449	2,530	75.9
PSVs	0	76	76	1.4	3	36	39	1.2
Goods Vehicles	10	399	409	7.5	17	414	431	12.9
Other or Unknown	2	118	120	2.2	7	97	104	3.1
TOTAL	54	5,395	5,449	100	125	3,209	3,334	100

**Note: Table contains information relating to a maximum of two vehicles per collision. Collisions omitted when speed limit is unknown*

Table 38 Single Vehicle Collisions, with or without Pedestrians, Classified by Vehicle Type

Vehicle Type	Pedestrian Involved				No Pedestrian Involved			
	Fatal	Injury	Total	%	Fatal	Injury	Total	%
Pedal Cycles	0	33	33	3.4	0	173	173	13.4
Motorcycles	0	12	12	1.2	9	87	96	7.4
Cars	19	742	761	78.5	35	864	899	69.7
PSVs	0	29	29	3.0	0	8	8	0.6
Goods Vehicles	5	101	106	10.9	6	86	92	7.1
Other or Unknown	0	28	28	2.9	1	21	22	1.7
TOTAL	24	945	969	100	51	1,239	1,290	100

Table 39 Two-Vehicle Collisions Classified by Vehicle Type

	Fatal	Injury	Total	Fatalities	Injuries	Total
Pedal Cycle-Pedal Cycle	0	10	10	0	11	11
Pedal Cycle-Motorcycle	0	4	4	0	4	4
Pedal Cycle-Car	8	704	712	8	709	717
Pedal Cycle-PSV	0	23	23	0	24	24
Pedal Cycle-Goods	2	91	93	2	92	94
Pedal Cycle-Other/Unknown	3	21	24	3	21	24
TOTAL	13	853	866	13	861	874

	Fatal	Injury	Total	Fatalities	Injuries	Total
Motorcycle-Pedal Cycle	0	4	4	0	4	4
Motorcycle-Motorcycle	0	3	3	0	4	4
Motorcycle-Car	7	184	191	7	199	206
Motorcycle-PSV	0	2	2	0	2	2
Motorcycle-Goods	1	25	26	1	25	26
Motorcycle-Other/Unknown	0	5	5	0	5	5
TOTAL	8	223	231	8	239	247

	Fatal	Injury	Total	Fatalities	Injuries	Total
Car-Pedal Cycle	8	704	712	8	709	717
Car-Motorcycle	7	184	191	7	199	206
Car-Car	12	1,504	1,516	13	2,444	2,457
Car-PSV	3	41	44	3	64	67
Car-Goods	12	418	430	19	633	652
Car-Other/Unknown	2	111	113	2	168	170
TOTAL	44	2,962	3,006	52	4,217	4,269

Table 39 Two-Vehicle Collisions Classified by Vehicle Type

	Fatal	Injury	Total	Fatalities	Injuries	Total
PSV-Pedal Cycle	0	23	23	0	24	24
PSV-Motorcycle	0	2	2	0	2	2
PSV-Car	3	41	44	3	64	67
PSV-PSV	0	1	1	0	1	1
PSV-Goods	0	6	6	0	6	6
PSV-Other/Unknown	0	1	1	0	3	3
TOTAL	3	74	77	3	100	103

	Fatal	Injury	Total	Fatalities	Injuries	Total
Goods-Pedal Cycle	2	91	93	2	92	94
Goods-Motorcycle	1	25	26	1	25	26
Goods-Car	12	418	430	19	633	652
Goods-PSV	0	6	6	0	6	6
Goods-Goods	0	37	37	0	55	55
Goods-Other/Unknown	2	19	21	2	26	28
TOTAL	17	596	613	24	837	861

	Fatal	Injury	Total	Fatalities	Injuries	Total
Other-Pedal Cycle	3	21	24	3	21	24
Other-Motorcycle	0	5	5	0	5	5
Other-Car	2	111	113	2	168	170
Other-PSV	0	1	1	0	3	3
Other-Goods	2	19	21	2	26	28
Other-Other/Unknown	1	2	3	1	2	3
TOTAL	8	159	167	8	225	233

Section 5: Location

Table 40 Traffic Collisions and Casualties in each County

County and Province	Pop. (000's) 2016	Reg. Motor Vehicle (000's) 2017	Collisions				Casualties			
			Fatal	Injury	Total	%	Killed	Injured	Total	%
Leinster										
Carlow	57	39	3	54	57	0.9	3	76	79	1.0
Dublin	1,347	647	24	1,931	1,955	32.5	24	2,262	2,286	28.8
Kildare	223	126	6	240	246	4.1	6	338	344	4.3
Kilkenny	99	59	4	91	95	1.6	4	136	140	1.8
Laois	85	45	2	112	114	1.9	2	172	174	2.2
Longford	41	24	2	55	57	0.9	2	82	84	1.1
Louth	129	64	7	202	209	3.5	10	305	315	4.0
Meath	195	110	7	189	196	3.3	8	262	270	3.4
Offaly	78	46	2	106	108	1.8	2	148	150	1.9
Westmeath	89	53	1	107	108	1.8	1	145	146	1.8
Wexford	150	98	3	176	179	3.0	7	231	238	3.0
Wicklow	142	84	2	150	152	2.5	2	210	212	2.7
Munster										
Clare	119	73	4	125	129	2.1	4	190	194	2.4
Cork	543	327	13	591	604	10.1	14	772	786	9.9
Kerry	148	93	8	193	201	3.3	8	276	284	3.6
Limerick	195	113	6	258	264	4.4	7	346	353	4.4
Tipperary	160	102	7	166	173	2.9	7	232	239	3.0
Waterford	116	71	4	127	131	2.2	4	162	166	2.1
Connacht										
Galway	258	148	5	273	278	4.6	5	360	365	4.6
Leitrim	32	20	1	42	43	0.7	1	50	51	0.6
Mayo	131	81	9	137	146	2.4	13	193	206	2.6
Roscommon	65	45	4	85	89	1.5	4	136	140	1.8
Sligo	66	39	1	74	75	1.2	1	121	122	1.5
Ulster (Part of)										
Cavan	76	45	2	105	107	1.8	2	153	155	2.0
Donegal	159	89	5	216	221	3.7	6	329	335	4.2
Monaghan	61	37	8	62	70	1.2	8	92	100	1.3
TOTAL	4,763	2,678	140	5,867	6,007	100	155	7,779	7,934	100

Table 41 Fatal and Injury Collisions and Casualties Classified by Garda Division

Garda Division	Collisions				Casualties			
	Fatal	Injury	Total	%	Killed	Injured	Total	%
Carlow/Kilkenny	6	148	154	2.6	6	215	221	2.8
Cavan/Monaghan	10	166	176	2.9	10	244	254	3.2
Clare	3	117	120	2.0	3	181	184	2.3
Cork City	4	288	292	4.9	5	372	377	4.8
Cork North	5	158	163	2.7	5	201	206	2.6
Cork West	4	151	155	2.6	4	205	209	2.6
DMR East	5	193	198	3.3	5	216	221	2.8
DMR North	4	331	335	5.6	4	404	408	5.1
DMR North Central	2	301	303	5.0	2	327	329	4.1
DMR South	4	349	353	5.9	4	408	412	5.2
DMR South Central	4	370	374	6.2	4	416	420	5.3
DMR West	5	389	394	6.6	5	493	498	6.3
Donegal	5	216	221	3.7	6	329	335	4.2
Galway	5	272	277	4.6	5	359	364	4.6
Kerry	8	188	196	3.3	8	271	279	3.5
Kildare	6	241	247	4.1	6	342	348	4.4
Laois/Offaly	4	208	212	3.5	4	301	305	3.8
Limerick	7	266	273	4.5	8	355	363	4.6
Louth	7	202	209	3.5	10	305	315	4.0
Mayo	9	137	146	2.4	13	193	206	2.6
Meath	7	189	196	3.3	8	262	270	3.4
Roscommon/Longford	6	138	144	2.4	6	214	220	2.8
Sligo/Leitrim	2	118	120	2.0	2	174	176	2.2
Tipperary	7	170	177	2.9	7	241	248	3.1
Waterford	5	127	132	2.2	5	162	167	2.1
Westmeath	1	108	109	1.8	1	148	149	1.9
Wexford	3	176	179	3.0	7	231	238	3.0
Wicklow	2	150	152	2.5	2	210	212	2.7
TOTAL	140	5,867	6,007	100	155	7,779	7,934	100

Table 42 Fatal and Injury Collisions at or near Pedestrians Crossings

	Fatal	Injury	Total
Total at or near Pedestrian Crossing	2	175	177

Table 43 Fatal and Injury Collisions Inside and Outside Built-up Areas where Road Works were in progress at the Collision Scene

Inside Built-up Area			Outside Built-up Areas		
Fatal	Injury	Total	Fatal	Injury	Total
0	70	70	0	18	18

Note: Collision omitted when speed limit is unknown

Table 44 Fatal and Injury Collisions Classified by Junction Type

Road Layout	Inside Built-up Areas				Outside Built-up Areas			
	Fatal	Injury	Total	%	Fatal	Injury	Total	%
T-Junction	6	856	862	50.5	10	270	280	48.8
Crossroads	5	427	432	25.3	4	167	171	29.8
Y-Junction	1	80	81	4.7	0	42	42	7.3
Roundabout	2	263	265	15.5	0	26	26	4.5
Complex Junction	2	37	39	2.3	0	31	31	5.4
Other	0	28	28	1.6	1	23	24	4.2
TOTAL	16	1,691	1,707	100	15	559	574	100

Note: Collisions omitted when speed limit is unknown

Table 45 Fatal and Injury Collisions at Intersections Classified by Control Type

Junction Control	Fatal	Injury	Total	%
Traffic Light	4	571	575	25.2
Stop Sign	11	751	762	33.4
Yield Sign	4	402	406	17.8
Road Markings Only	4	103	107	4.7
Roundabout	0	0	0	0.0
Pedestrian Crossing	0	62	62	2.7
Within 50ft of Pedestrian X	0	6	6	0.3
No Control	8	355	363	15.9
Other / Not Stated	0	0	0	0.0
TOTAL	31	2,250	2,281	100

Table 46 Fatal and Injury Collisions Classified by Road Type

Road Type	Fatal	Injury	Total	%
Two-Way Single Carriageway	128	4,997	5,125	85.3
One-Way Single Carriageway	1	315	316	5.3
Dual Carriageway	6	182	188	3.1
Motorway	4	179	183	3.0
Other/Unknown	1	194	195	3.2
TOTAL	140	5,867	6,007	100

Table 47 Traffic Collisions and Casualties in the Main Centres of Population

	Road Length(km)	Fatal	Injury	Total	%	Killed	Injured	Total	%
Dublin Co. Borough	1055	9	1,110	1,119	50.5	9	1,247	1,256	48.5
Dun Laoghaire-Rathdown	309	6	206	212	9.6	6	233	239	9.2
Fingal County	177	2	282	284	12.8	2	360	362	14.0
South Dublin County	153	7	333	340	15.3	7	422	429	16.6
Cork Co. Borough	104	1	172	173	7.8	1	201	202	7.8
Galway Co. Borough		1	88	89	4.0	1	100	101	3.9
TOTAL		26	2,191	2,217	100	26	2,563	2,589	100

Table 48 Road Users Killed and Injured in the Main Centres of Population

Road User	Dublin Co. Borough		Dun Laoghaire - Rathdown		Fingal		South Dublin	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Pedestrians	3	278	4	51	0	50	2	63
Pedal Cycle Users	1	458	0	63	0	57	3	52
Motorcycle Users	4	109	0	26	0	16	0	19
Car Users	1	349	2	89	2	209	2	263
PSV Users	0	10	0	0	0	9	0	0
Goods Vehicle Users	0	0	0	0	0	2	0	3
Other or Unknown	0	43	0	4	0	17	0	22
TOTAL	9	1,247	6	233	2	360	7	422

Road User	Cork		Galway	
	Killed	Injured	Killed	Injured
Pedestrians	1	68	0	32
Pedal Cycle Users	0	33	0	21
Motorcycle Users	0	9	0	2
Car Users	0	85	1	43
PSV Users	0	3	0	0
Goods Vehicle Users	0	0	0	0
Other or Unknown	0	3	0	2
TOTAL	1	201	1	100

Table 49 Vehicles Involved in Fatal and Injury Collisions in the Main Centres of Population

Vehicle Type	Dublin Co. Borough		Dun Laoghaire Rathdown		Fingal		South Dublin	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
Pedal Cycle	1	486	0	66	0	57	3	53
Motorcycle	4	112	0	27	0	15	0	18
Car	5	1,064	5	236	4	377	4	473
PSV	0	52	0	5	0	5	0	2
Goods	2	142	1	20	0	41	3	64
Other or Unknown	0	36	0	6	0	8	0	7
TOTAL	12	1,892	6	360	4	503	10	617

Vehicle Type	Cork		Galway	
	Fatal	Injury	Fatal	Injury
Pedal Cycle	0	34	0	21
Motorcycle	0	9	0	1
Car	0	214	1	99
PSV	0	4	0	3
Goods Vehicle	1	12	0	9
Other or Unknown	0	4	0	3
TOTAL	1	277	1	136

Table contains information relating to a maximum of two vehicles per collision.

Table 50 Fatal and Injury Collisions in Towns

TO BE UPDATED – PLEASE SEE METHODOGOGICAL NOTE

Table 51 Fatal and Injury Collisions on National Routes Classified by Route and by Location Type

National Route	Inside Built-up Areas				Outside Built-up Areas				Overall Total	Collision Rate per km*
	F	SI	MI	Total	F	SI	MI	Total		
N1	0	4	39	43	2	1	20	23	66	0.73
N2	0	3	7	10	6	10	14	30	40	0.30
N3	0	1	9	10	1	4	24	29	39	0.31
N4	0	2	10	12	2	4	25	31	43	0.22
N5	0	2	4	6	0	4	19	23	29	0.22
N6	0	3	7	10	0	3	8	11	21	0.14
N7	0	0	2	2	4	6	49	59	61	0.33
N8	0	3	14	17	0	2	11	13	30	0.20
N9	0	0	0	0	0	3	10	13	13	0.11
N10	0	0	1	1	0	0	3	3	4	0.23
N11	0	4	15	19	0	7	28	35	54	0.42
N12	0	0	0	0	0	0	3	3	3	0.44
N13	0	1	1	2	0	3	5	8	10	0.23
N14	0	0	1	1	0	1	5	6	7	0.40
N15	0	1	9	10	2	5	20	27	37	0.33
N16	0	0	1	1	0	0	6	6	7	0.15
N17	0	1	5	6	1	2	21	24	30	0.24
N18	0	0	4	4	1	2	9	12	16	0.16
N19	0	0	1	1	0	0	0	0	1	0.29
N20	0	3	20	23	2	5	14	21	44	0.46
N21	0	0	8	8	2	2	13	17	25	0.30
N22	1	1	14	16	1	7	21	29	45	0.39
N23	0	0	0	0	0	0	0	0	0	0.00
N24	1	2	11	14	0	2	7	9	23	0.20
N25	0	3	12	15	4	6	26	36	51	0.27
N26	0	0	2	2	0	0	4	4	6	0.20
N27	0	1	3	4	0	0	3	3	7	1.11
N28	0	0	2	2	1	1	2	4	6	0.51
N29	0	0	0	0	0	0	1	1	1	0.28
N30	0	1	3	4	0	2	2	4	8	0.24
N31	0	4	9	13	0	0	0	0	13	1.83
N33	0	0	0	0	0	0	2	2	2	0.26
N40	0	0	3	3	1	0	9	10	13	0.84
M50	0	2	5	7	0	3	42	45	52	1.14
TOTAL	2	42	222	266	30	85	423	538	807	0.30

**Table 51 Fatal and Injury Collisions on National Routes Classified by Route and by Location Type
(continued)**

National Route	Inside Built-up Areas				Outside Built-up Areas				Overall Total	Collision Rate per km*
	F	SI	MI	Total	F	SI	MI	Total		
N51	0	1	4	5	0	1	5	6	11	0.21
N52	0	1	15	16	1	6	16	23	39	0.22
N53	0	0	5	5	1	0	5	6	11	0.61
N54	0	0	2	2	0	0	3	3	5	0.15
N55	0	0	8	8	1	2	13	16	24	0.30
N56	0	0	8	8	1	0	14	15	23	0.15
N58	0	0	0	0	0	0	2	2	2	0.18
N59	0	4	9	13	2	7	22	31	44	0.15
N60	0	0	3	3	1	3	8	12	15	0.16
N61	0	0	5	5	0	1	5	6	11	0.15
N62	0	1	5	6	0	0	11	11	17	0.18
N63	0	0	9	9	0	2	5	7	16	0.17
N65	0	0	0	0	0	0	4	4	4	0.08
N66	0	1	0	1	0	0	3	3	4	0.14
N67	0	1	5	6	0	8	14	22	28	0.22
N68	0	0	1	1	0	3	3	6	7	0.17
N69	0	1	6	7	0	2	8	10	17	0.17
N70	0	1	3	4	0	5	14	19	23	0.16
N71	0	1	12	13	0	5	11	16	29	0.15
N72	0	1	5	6	2	4	12	18	24	0.14
N73	0	0	0	0	0	0	5	5	5	0.15
N74	0	0	0	0	0	0	4	4	4	0.20
N75	0	0	3	3	0	1	0	1	4	0.53
N76	0	1	2	3	0	1	7	8	11	0.25
N77	0	0	1	1	0	3	2	5	6	0.12
N78	0	0	8	8	1	0	4	5	13	0.26
N80	0	0	19	19	0	4	12	16	35	0.31
N81	0	1	15	16	1	5	17	23	39	0.51
N82	0	0	2	2	0	0	0	0	2	0.78
N83	0	0	3	3	1	0	5	6	9	0.20
N84	0	0	4	4	0	1	5	6	10	0.14
N85	0	0	2	2	1	1	4	6	8	0.25
N86	0	0	4	4	1	0	5	6	10	0.20
N87	0	1	1	2	0	0	2	2	4	0.14
TOTAL	0	16	169	185	14	65	250	329	514	0.19
OVERALL TOTAL	2	58	391	451	44	150	676	870	1,321	0.25

*Based on 2015 road lengths including motorway sections. Note: Collisions omitted when speed limit is unknown

Table 52 Material Damage Collisions Classified by Month and by County

2017													
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Carlow	30	39	40	33	45	42	36	34	49	35	43	48	474
Cavan	41	50	54	39	65	50	54	62	55	70	74	69	683
Clare	85	69	71	77	107	101	98	94	83	74	74	89	1,022
Cork	423	380	479	410	439	461	404	405	496	467	444	469	5,277
Donegal	83	67	84	103	117	138	104	108	87	103	107	103	1,204
Dublin	858	887	977	804	979	878	831	892	1,016	1,005	1,099	1,002	11,228
Galway	174	171	171	153	205	172	168	199	186	162	197	179	2,137
Kerry	88	95	89	105	119	133	142	165	135	100	108	97	1,376
Kildare	123	126	115	119	136	120	124	129	144	152	161	147	1,596
Kilkenny	77	46	56	55	75	57	72	62	83	70	73	51	777
Laois	38	47	40	46	41	52	58	50	71	70	59	67	639
Leitrim	13	19	21	11	18	21	31	17	17	16	19	14	217
Limerick	180	170	195	152	157	175	171	175	220	173	196	206	2,170
Longford	34	22	31	29	25	39	36	39	25	29	38	29	376
Louth	92	88	95	78	82	88	94	81	107	96	104	97	1,102
Mayo	95	69	77	81	108	103	88	104	109	86	95	80	1,095
Meath	132	111	129	95	111	136	97	118	118	130	139	128	1,444
Monaghan	37	47	34	37	38	27	40	40	52	61	51	47	511
Offaly	42	46	34	42	51	57	36	46	52	64	53	48	571
Roscommon	47	40	40	37	48	64	48	47	39	41	52	45	548
Sligo	52	50	50	42	44	39	45	65	37	67	64	54	609
Tipperary	105	106	115	80	106	91	89	111	126	95	113	152	1,289
Waterford	73	73	93	94	103	86	104	72	89	115	93	89	1,084
Westmeath	54	55	75	63	58	54	72	72	65	64	79	79	790
Wexford	99	86	85	68	99	103	102	101	96	98	109	109	1,155
Wicklow	58	73	85	62	99	85	93	92	88	93	72	91	991
Total	3,133	3,032	3,335	2,915	3,475	3,372	3,237	3,380	3,645	3,536	3,716	3,589	40,365

Table 53: International Comparisons

	Number of Road Deaths¹ 2017	Road Deaths per 100,000 inhabitants 2017
E.U. Countries		
Austria	413	4.7
Belgium	609	5.4
Czech Republic	577	5.5
Denmark	175	3.0
Finland	238	4.3
France	3,444	5.3
Germany	3,180	3.9
Great Britain	1,793	2.8
Greece	731	6.8
Hungary	625	6.4
Iceland	16	4.7
Ireland	155	3.2
Italy	3,378	5.6
Luxemburg	25	4.2
Netherlands	613	3.6
Northern Ireland	63	3.4
Poland	2,831	7.5
Portugal	602	5.8
Slovakia	276	5.1
Slovenia	104	5.0
Spain	1,830	3.9
Sweden	253	2.5
United Kingdom	1,856	2.8
Other Countries		
Australia	1,223	5.0
Canada	1,856	5.1
Israel	364	4.2
Japan	4,431	3.5
New Zealand	378	7.9
Norway	106	2.0
Switzerland	230	2.7
U.S.A.	37,133	11.4

¹ Most countries adopt the 30-day definition of death due to a road collision. In cases where the 30-day rule is not used, a correction factor was applied to the figures to ensure comparability between countries.

(Sources: International Road Traffic and Accident Database (OECD) ETSC, EUROSTAT, CARE (EU road accidents database))

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.

Learner Driver

A learner driver is a driver holding a learner permit.

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 2017.

Urban Areas

An urban area is defined as an area where the speed limit zone was less than or equal to 60km/h in 2017.

Built-up Area

A built up area means an area which was within a 50 to 60km/h. speed limit zone in 2017.

Dark

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

Appendix: Methodological Note

Introduction

The Road Safety Authority (RSA) has a statutory remit to collect, compile, prepare, publish or distribute information and statistics relating to road safety and the functions of the Authority for national or international planning, policy research and development, monitoring and reporting purposes.

As part of this remit, the RSA provide analysis of road traffic injury incidents on an annual basis. A road collision is a collision investigated by or brought to the notice of An Garda Síochána (AGS) where the location of the collision can be determined and where it has occurred on a public road. These incidents have been reported to AGS and forwarded to the RSA. Injury collisions on private property, such as private lanes and car parks are excluded.

New Method of Receiving Collision Records

The RSA and, before that, the National Roads Authority (now Transport Infrastructure Ireland) received collision data using a paper form, called a C(T)68, from AGS. This form was sent by post to the RSA and provided details on the initial report of the collision.

Since 2014, the system by which information was provided to the RSA, was updated. The RSA now receives an electronic copy of individual traffic collision incidents on a daily basis. The paper form was previously considered the record of note for the collision whereas the electronic record is now considered the record of note for the collision.

The dataset of road collision incidents will be updated in time to reflect new variables and the way in which collision reporting is conducted by the RSA will also reflect these improvements.

In the meantime, and to allow for comparison of data over the long term, these set of tables have been produced in a format as close as possible to the historic tables. When comparing the variables available in the C(T)68 with those available electronically from AGS, it is the case that not all the new variables map exactly onto the old set of variables. Where it is possible to accommodate the updated variables in the old format this has been done. It does mean, however, that in some cases, such as contributory factor, not all the information is replicable in the new format. As a result these tables have been omitted from this report.

The change to an electronic transfer of data has resulted in improvements in a number of areas of data capture which will have a positive impact on collision reporting. The improvements are that the RSA has

- The complete set of traffic injury and material damage records recorded on PULSE which can now be used for analysis
- Access to more fields in the electronic traffic incident record
- Access to more up to date information about the collision
- Two-way communication with the Garda Information Services Centre (GISC)

Enhanced Validation Process

Records received are divided into those classed as material damage and those classed as injury collisions. Once received, injury collision records are thoroughly reviewed by the Research Department of the RSA. This review utilises the information in the detailed narrative and data fields and interim updates. It looks for data anomalies and any possible data input errors.

As part of this process there is two-way communication with GISC. Feedback can then be received from GISC via an update to the incident record.

There will still be limitations to the information that can be ascertained from the electronic collision records as the level of detail contained in the collision investigation file, where one exists, is not recorded on the electronic collision record.

Injury Collisions

The definitions of fatal, serious, and minor injuries outlined at the end of this document have not changed from previous years. Increases seen in injury numbers in the 2014 data are likely to be due to the enhancements in the validation process outlined. It will take around five years before any appreciable trends in the data can be confirmed. As a result, this should be considered as a break in the time series for the data on the number of injuries and injury collisions. This does not affect time series data for the number of fatalities or fatal collisions.

Material Damage

The RSA provide an overview of the number of material damage incidents on an annual basis but a detailed review of these is not conducted as it is for injury collisions. As a result of the changes outlined above there has been an increase in the number of records for material damage collisions available to the RSA. From 2014, changes implemented will lead to an increase in the number of material damage collisions reported overall. Again, as a result, this should be considered as a break in the time series for the data on the number of material damage collisions.

The following needs to be considered when reporting or using these material damage figures in any analysis.

- The definition of a traffic injury or material damage collision as reported by the RSA is one that happens on a public road. This definition has not changed.
- Reporting requirements for material damage collisions are not as stringent as those for injury collisions. This means all the details of the collision may not be reported and captured by AGS and it may not be possible to establish an exact location for the collision.
- As an example, in 2014 there were 33,261 material damage collisions reported of which 21% were not investigated at the scene, i.e. reporting of these incidents was done either in person or by phone to the station.
- The location of these collisions is determined as being the place identified in the report to the station. However, as an example, if no further investigation was required there may be no other information available to assess the location.
- Therefore, it is accepted that the number of material damage collisions reported from now on will overstate the number that have happened on a public road. That is some will have occurred in places other than on a public road, e.g. public car park.

Previously, figures for material damage collisions have been reported based on the county and month in which they occurred and this will continue but the above notes must be taken into account.

Working To Save Lives

Údarás Um Shábháilteacht Ar Bhóithre
Road Safety Authority

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