



ROAD COLLISION FACTS

I R E L A N D

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*THIS REPORT IS BASED ON
ROAD COLLISION INFORMATION
PROVIDED BY
AN GARDA SÍOCHÁNA*

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Acknowledgements

This is the latest in a series of annual reviews of road collision data dating back to 1968. All previous reviews (undertaken by either the Road Safety and Research Section of the National Roads Authority, the Environmental Research Unit or An Foras Forbartha) were called 'Road Accident Facts'. A decision was reached to henceforth change the name of the publication to 'Road Collision Facts'.

Particular thanks are due to Tara Sharpe of the Garda National Traffic Bureau and Irene O'Shea, Cynthia Tobin, Anne Blake and Robert d'Arcy of the NRA's Road Collision Bureau.

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SUMMARY

Persons Killed

A total of 335 persons were killed in 301 fatal collisions on public roads in the Republic of Ireland in 2003.

This represents a reduction of 41 fatalities and 45 fatal crashes over the 2002 figures. This trend was influenced by the introduction of the Penalty Points system on 31st October, 2002. While the initial focus of the system related to speeding offences, the penalty points system was extended during 2003 to cover seat-belt wearing and insurance offences.

Road User Category

Compared with 2002, there was a significant reduction in the number of both pedestrian fatalities (which fell by 22 to 64) and in car user fatalities (which fell from 200 to 172) recorded in 2003. The number of pedal cyclists killed fell from 18 to 11, while the number of motorcyclists killed rose from 44 to 55. The number of 'other road users' killed increased from 28 to 33 in 2003.

Primary Collision Type

Thirty-three per cent of all fatal collisions in 2003 were single vehicle only collisions. This represents an increase of 3 percentage points over the 2002 situation. By means of contrast, single vehicle only collisions accounted for just 19 per cent of injury collisions. Head-on collisions accounted for one third (32%) of fatal crashes and almost a fifth (18%) of injury collisions. Collisions where pedestrian fatalities resulted, accounted for 21 per cent of all fatal collisions and 17 per cent of injury collisions. Single vehicle, head-on and pedestrian collisions all accounted for a greater percentage of fatal than injury crashes, indicating that these types are, on average, more severe than other collision types. Angle, rear-end or 'other' road collision types, together accounted for 45 per cent of injury crashes and 15 per cent of fatal collisions.

Date and Time

The worst month for fatalities in 2003 was May when 38 persons died in 32 collisions. January and September jointly recorded the fewest fatalities with 20 persons killed in 17 collisions in each month.

The number of fatal collisions between the hours of 9.00 pm and 3.00 am, the hours most strongly associated with drinking and driving, was 79 in 2003, with 89 persons being killed in these collisions. This period accounted for 26 per cent of collisions and 27 per cent of fatalities in 2003.

The number of persons killed during the later hours of darkness (between 3.00 am and 6.00 am), i.e. 34, decreased by 6 from the 2002 level. Fatalities that occurred during these hours accounted for approximately 10 per cent of all road collision fatalities in 2003, a decrease of one percentage point over the total for the corresponding time period in 2002.

The worst days of the week for fatalities during 2003 were Saturdays and Sundays. These two days together accounted for 129 fatalities, or 39 per cent of total. The days of the week with fewest associated fatalities were Tuesday and Wednesday, on which days 60 persons, or 18 per cent of total, died.

Location

Twenty-eight per cent of all fatal collisions in 2003 occurred on urban roads with the remaining 72 per cent occurring on rural roads. The percentage of fatal collisions on both urban and rural roads remained unchanged in 2003 from 2002.

Forty-two per cent of all fatal accidents occurred on national roads, a decrease of one percentage point on the 2002 figure.

On a county-by-county basis, Cavan experienced the highest number of collisions per population (2.6 per 1,000 persons).

Louth experienced the highest number of collisions per 1,000 registered vehicles (5.9) and per ten million vehicle kilometers of travel (3.1).

International Comparisons

On the basis of road deaths per 100,000 population, Ireland's rate at 9.6 in 2002, the latest year for which international comparative information is available, ranked seventh out of the EU-15 (excluding accession countries).

Coverage of the Report

This report covers all road traffic collisions reported to the Garda Síochána, where details were recorded and forwarded to the National Roads Authority, involving fatalities, personal injury or material damage which occurred on public roads in Ireland (exclusive of Northern Ireland) in 2003.

Collisions on private property, such as railway station approaches or private lanes, are excluded.

All Road Collisions

By 'all reported road collisions' is meant all collisions investigated by or brought to the notice of the 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 provisional licence.

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. Motor Cycle

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

3. Car

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

4. Public Service Vehicle (P.S.V.)

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 Vehicles

Other motor vehicles are miscellaneous types of motor vehicle not falling into any of the main categories.

Rural Area

A rural area is defined as an area where the speed limit zone was greater than 40 m.p.h (approx. 64 kph) in 2003.

Urban Area

An urban area is defined as an area where the speed limit zone was less than or equal to 40 m.p.h. (approx. 64 kph) in 2003.

Built-up Area

A built-up area means an area which was within a 30 to 40 m.p.h. (48-64 kph) speed limit zone in 2003.

Dark

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

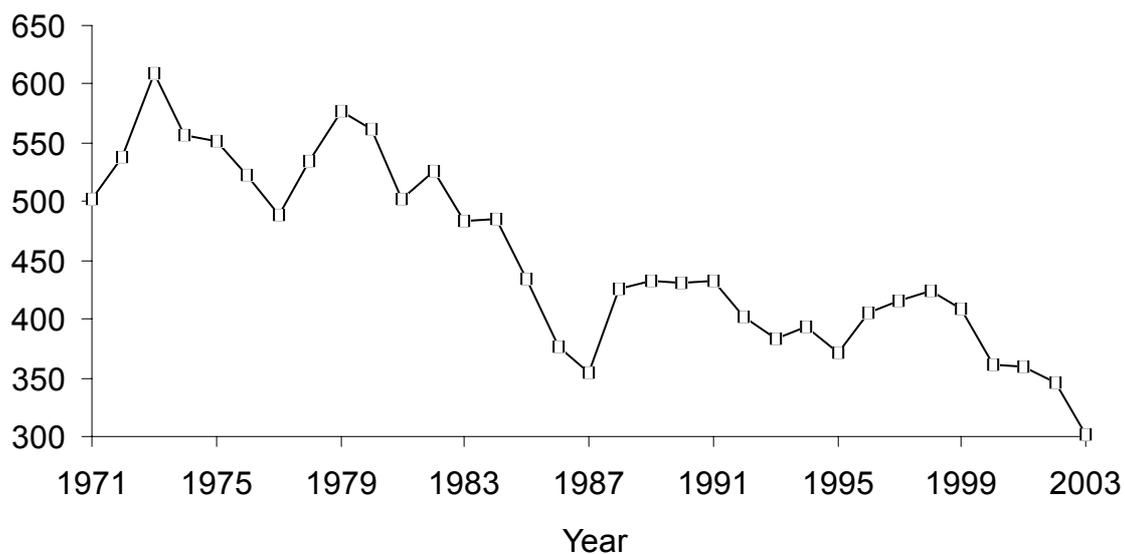
Section 1: Collisions

Persons Killed

A total of 335 persons were killed in 301 fatal collisions on public roads in the Republic of Ireland in 2003.

This represents a reduction of 41 fatalities and 45 fatal crashes over the 2002 figures. This trend was influenced by the introduction of the Penalty Points system on 31st October, 2002. While the initial focus of the system related to speeding offences, the penalty points system was extended during 2003 to cover seat-belt wearing and insurance offences.

Figure 1: Number of Fatal Collisions, 1971-2003



The fatality rate, as measured by the number of persons killed per million registered vehicles, fell by approximately 15 per cent in the year 2003 compared to 2002.

Figure 2: Number of Persons Killed and Killed Rate per Million Registered Vehicles, 1993-2003

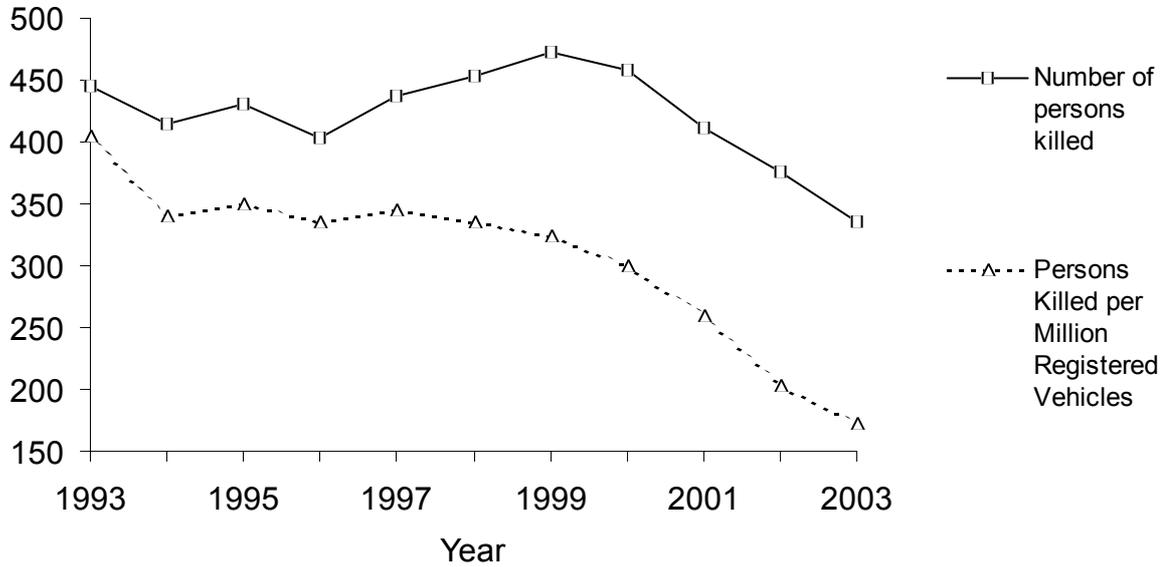
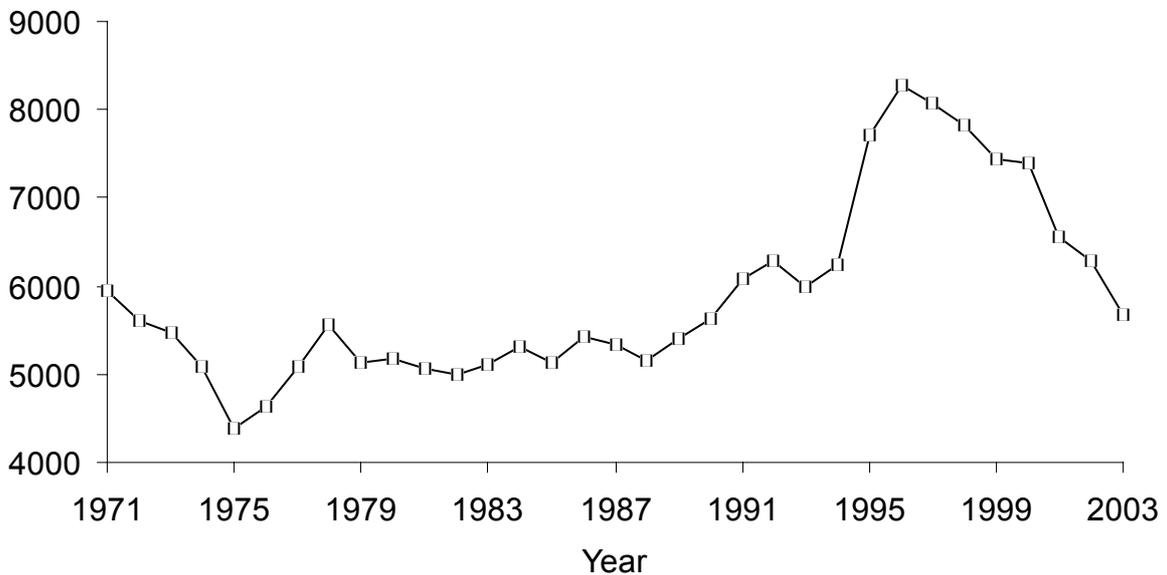
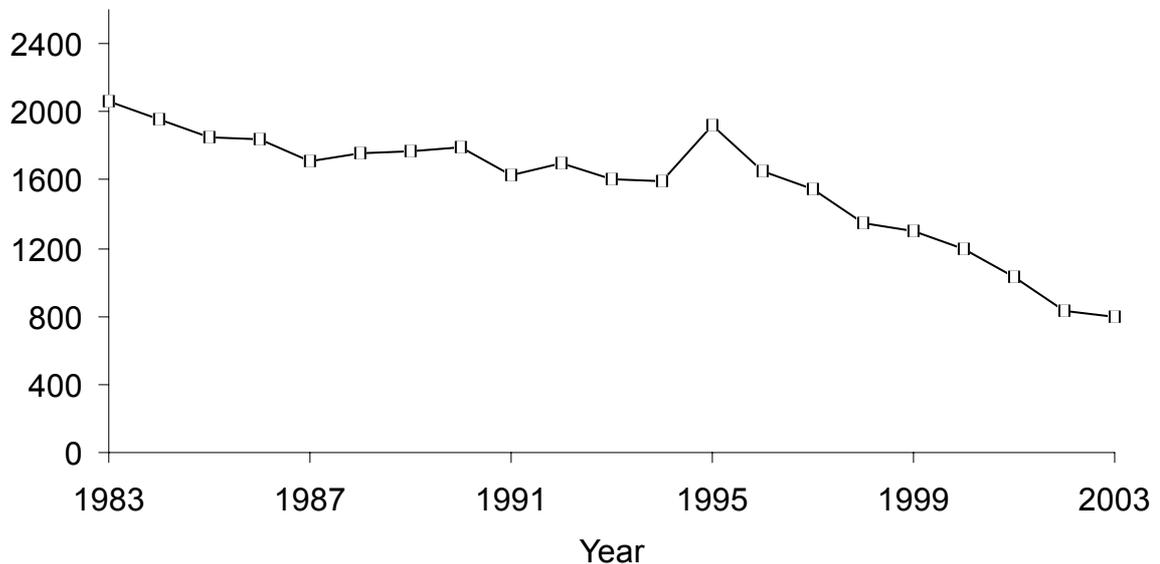


Figure 3: Number of Injury Collisions, 1971-2003*



* Trends seen in 1995 and 2001 may have been influenced by alterations to the collision recording system in these years.

Figure 4: Number of Serious Injury Collisions, 1983-2003*



* Trends seen in 1995 and 2001 may have been influenced by alterations to the collision recording system in these years.

Material Damage Collisions

The number of material damage collisions (where no injuries or fatalities are sustained but material damage is caused to the vehicle and / or property) both reported to and recorded by An Garda Síochána increased marginally from 17,915 in 2002 to 17,930 in 2003.

Road User Category

Compared with 2002, there was a significant reduction in the number of both pedestrian fatalities (which fell by 22 to 64) and in car user fatalities (which fell from 200 to 172) recorded in 2003. The number of pedal cyclists killed from 18 to 11, while the number of motorcyclists killed rose from 44 to 55. The number of 'other road users' killed increased from 28 to 33 in 2003.

Figure 5: Motor Cyclists and Pedal Cyclists Killed, percentage of total, 1971-2003

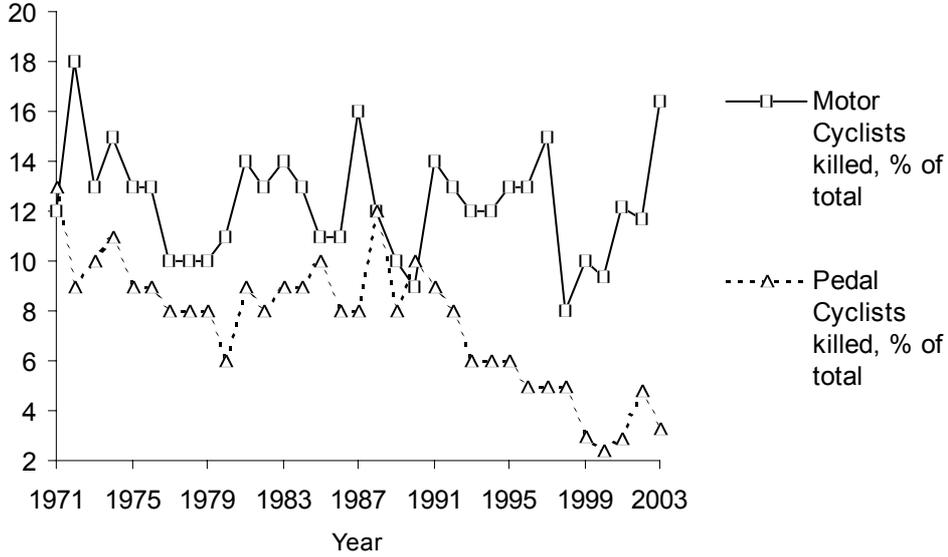
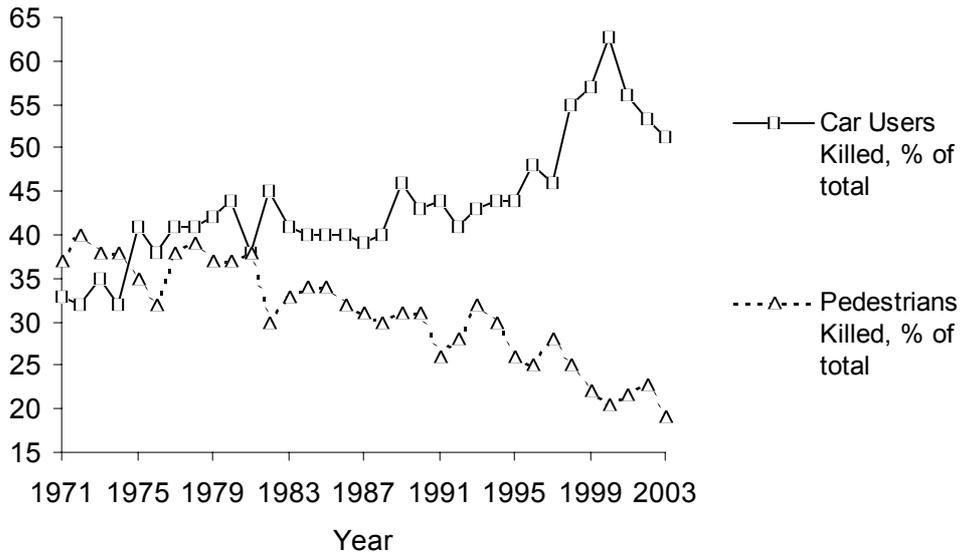


Figure 6: Pedestrians and Car Users Killed, percentage of total, 1971-2003



Primary Collision Type

Thirty-three per cent of all fatal collisions in 2003 were single vehicle only collisions. This represents an increase of three percentage points over the 2002 situation. This collision type, which involves no other road user is strongly associated with two causal factors, namely excessive speed and / or alcohol consumption. By means of contrast, single vehicle only collisions accounted for just 19 per cent of injury collisions.

Head-on collisions accounted for one third (32%) of fatal collisions and almost a fifth (18%) of injury collisions. Collisions involving pedestrians accounted for 21 per cent of fatal collisions and 17 per cent of injury collisions.

Single vehicle, head-on and pedestrian collisions all accounted for a greater percentage of fatal than injury collisions, indicating that these types are, on average, more severe than at angle, rear-end or 'other' road collision types, which together accounted for 45 per cent of injury collisions but only 15 per cent of fatal collisions.

Figure 7: Percentage of Fatal and Personal Injury Collisions by Primary Collision Type

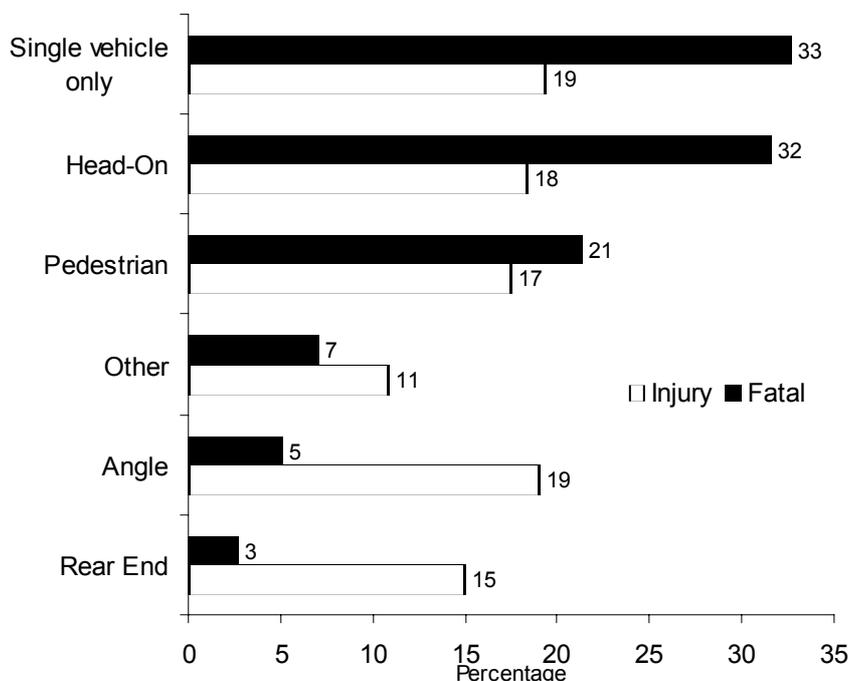
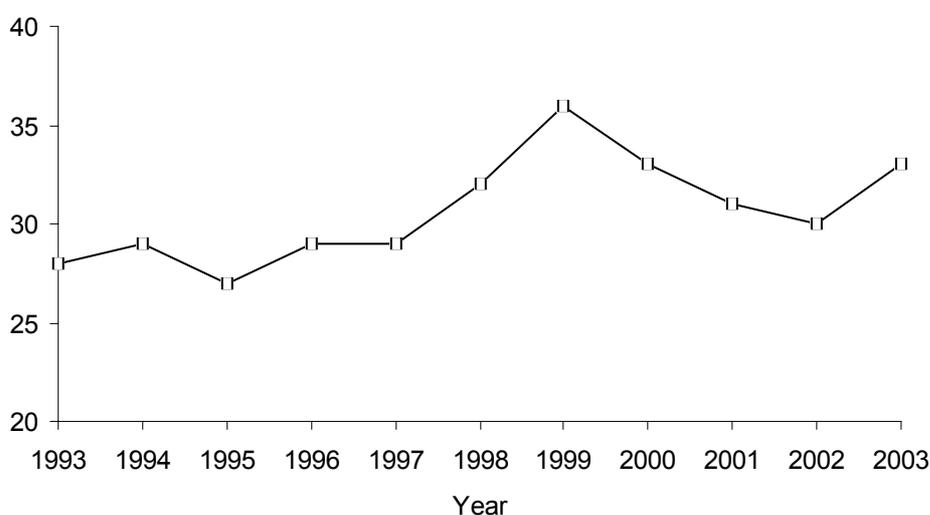


Figure 8: Percentage of Fatal Collisions Involving a Single Vehicle Only, 1993-2003



Contributory Factors to Road Collisions

The contributory factors listed by members of An Garda Síochána on collision report forms changed little from 2002. Driver error accounted for approximately 86 per cent of all contributory factors identified, while the next most-listed factor, pedestrian error, accounted for 10 per cent. Road factors accounted for 2.8 per cent of all listed contributory factors, while the figures for vehicle and environmental factors were 0.3 and 1.4 per cent respectively. In two-vehicle only fatal accidents - see Figure 9 - the most frequently cited contributory factor is 'went to the wrong side of the road' (35%), followed in turn by 'other action' (29%), 'exceeded safe speed limit' (22%), 'drove through stop / yield' (6%), 'improper overtaking' (6%), 'failed to signal' (2%) and 'drove through traffic signal' (1%).

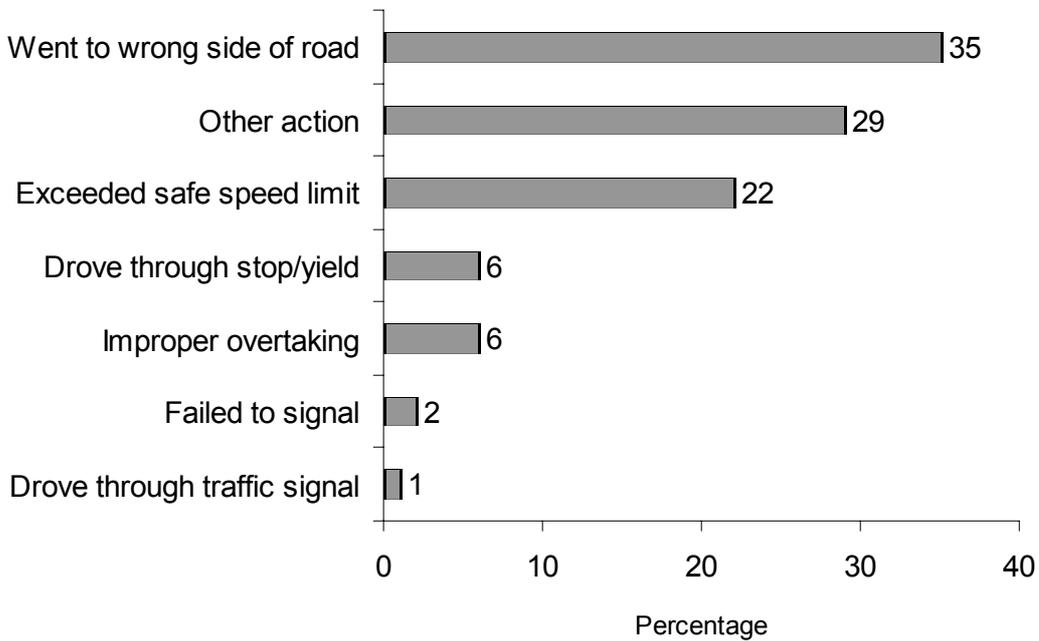
Collision Costs

Revised costs for each category of collision, i.e. fatality, serious and minor injury, are available in a report in 2004 by Goodbody Economic Consultants entitled 'Cost Benefit Parameters and Application Rules for Transport Project Appraisal' for the Department of Transport. Based on these, the estimated cost of all road collisions reported to and recorded by An Garda Síochána in 2003 is €1.104 billion.

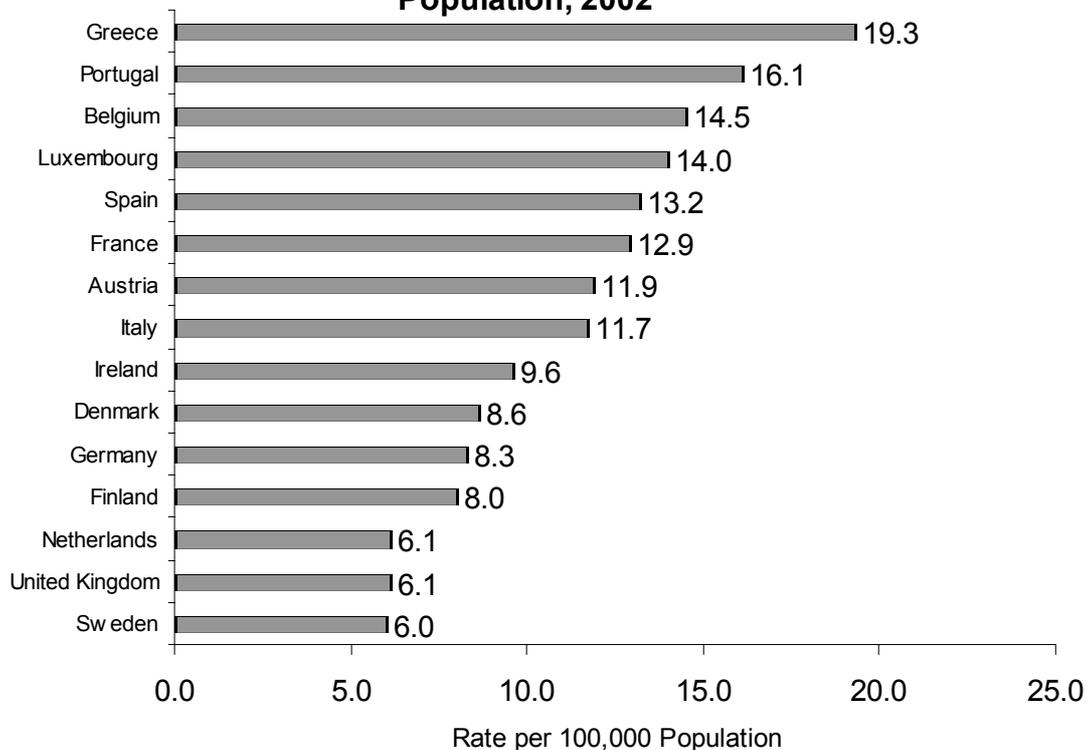
International Comparisons

On the basis of road deaths per 100,000 population, Ireland's rate at 9.6 in 2002, the latest year for which international comparative information is available, ranked seventh out of the EU-15 (excluding accession countries).

**Figure 9: Two Vehicle Fatal Collisions in 2003
Classified by Contributory Action**



**Figure 10: European Union Fatality Rate per 100,000
Population, 2002***

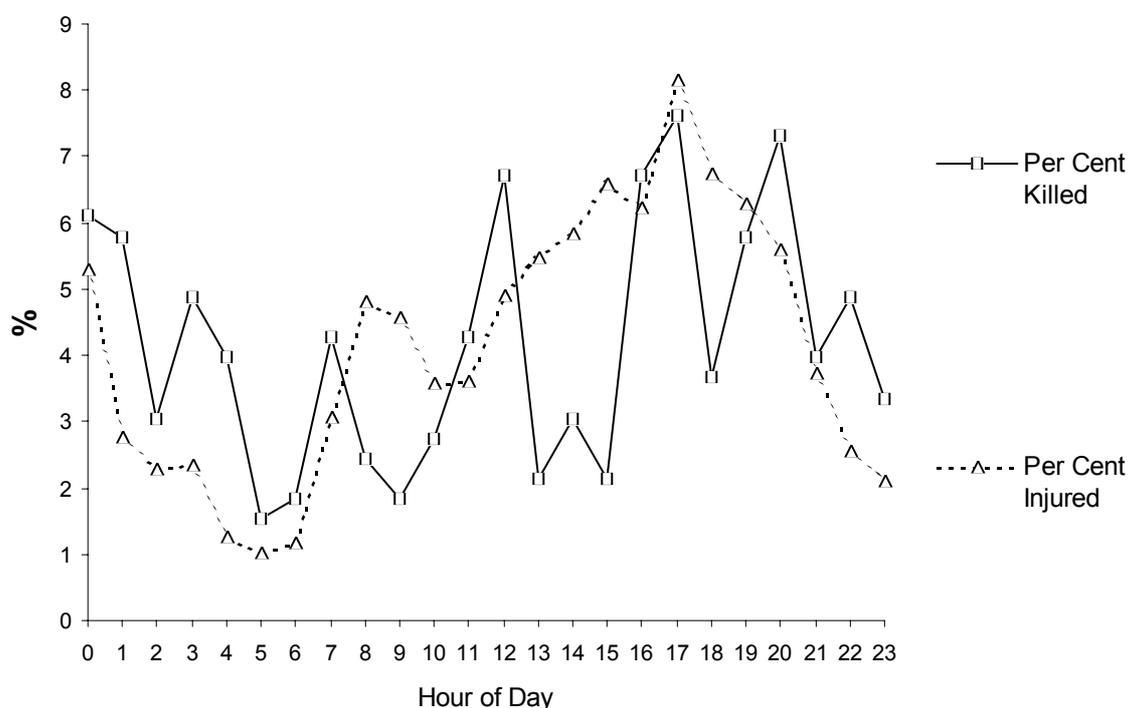


* Figure for Belgium refers to 2001 data and data for Greece refers to 2000.

Section 2: Date and Time

The worst month for fatalities in 2003 was May when 38 persons died in 32 collisions. January and September jointly recorded the fewest fatalities with 20 persons killed in 17 collisions in each month.

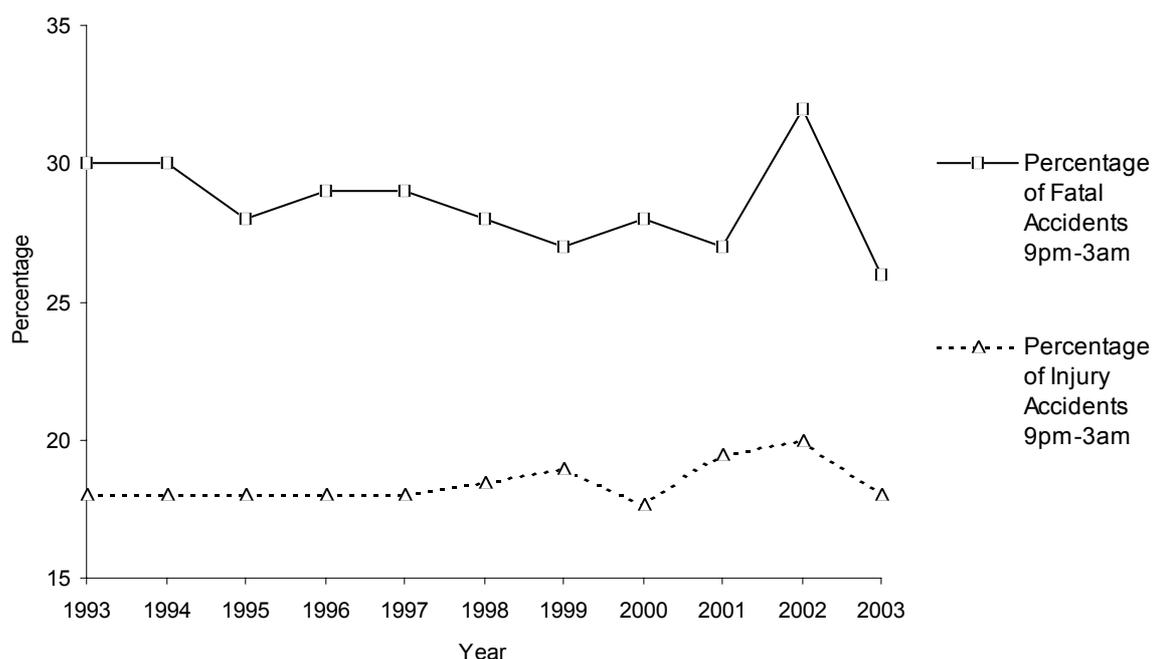
Figure 11: Percentage of Persons Killed and Injured Classified by Hour of Day



The number of fatal collisions between the hours of 9.00 pm and 3.00 am, the hours most strongly associated with drinking and driving, was 79 in 2003, with 89 persons being killed in these collisions. This period accounted for 26 per cent of collisions and 27 per cent of fatalities in 2003.

The number of persons killed during the later hours of darkness (between 3.00 am and 6.00 am), i.e. 34, decreased by 6 from the 2002 level. Fatalities that occurred during these hours accounted for approximately 10 per cent of all road collision fatalities in 2003, a decrease of one percentage point over the total for 2002.

Figure 12: Percentage of Fatal and Injury Accidents 9pm - 3am, 1993-2003.

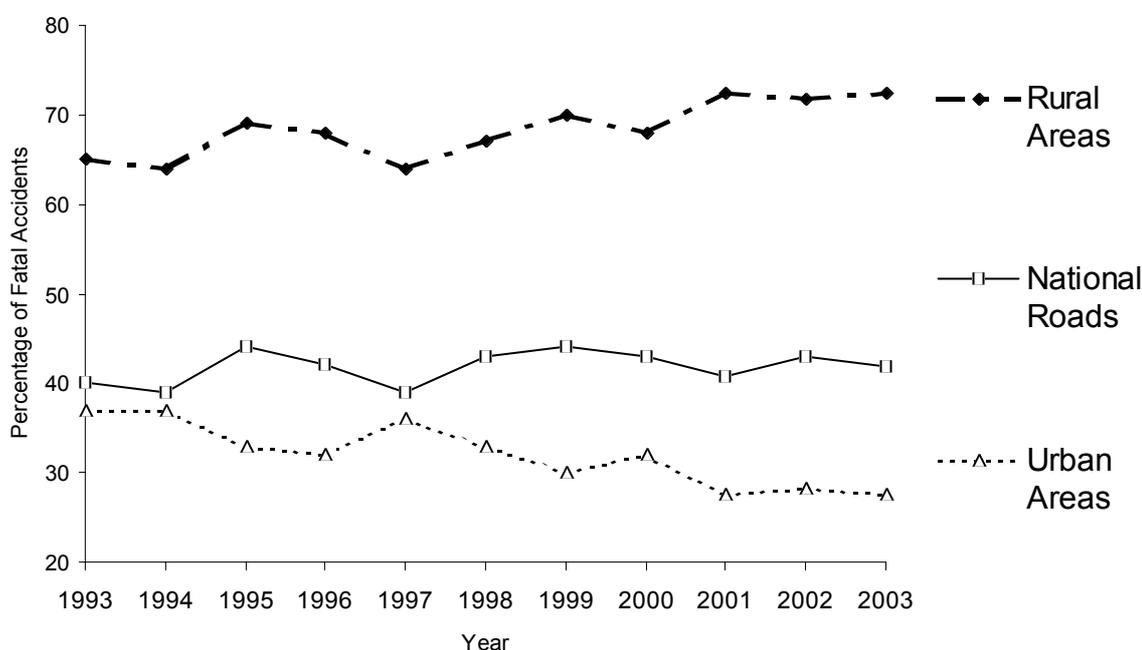


The worst days of the week for fatalities during 2003 were Saturdays and Sundays. These two days together accounted for 129 fatalities, or 39 per cent of total. The days of the week with fewest associated fatalities were Tuesday and Wednesday, on which days 60 persons, or 18 per cent of total, died.

Section 3: Location

Twenty-eight per cent of all fatal collisions in 2003 occurred on urban roads. The percentage of fatal accidents occurring on rural roads in 2003 remained unchanged from 2002 at 72 per cent. Forty-two per cent of all fatal accidents occurred on national roads, a decrease of one percentage point on the 2002 figure.

Figure 13: Percentage of Fatal Accidents in Rural, Urban Areas and on the National Routes, 1993-2003.



On a county-by-county basis, Cavan experienced the highest number of collisions per population (2.6 per 1,000 persons).

Louth experienced the highest number of collisions per 1,000 registered vehicles (5.9) and per 10 million vehicle kilometers of travel (3.1).

Table A: Collision Rates per Thousand Population (2002), per Thousand Registered Vehicles (2003), and per 10 Million Vehicle-Kilometres of Travel (2001), for each County

County	No. of Collisions per 1,000 Population¹	No. of Collisions per 1,000 Registered Vehicles²	No. of Collisions per 10 Million Vehicle Kilometres of Travel³
Leinster			
Carlow	1.5	2.5	1.3
Dublin	1.3	3.0	1.8
Kildare	1.3	2.5	1.2
Kilkenny	1.3	2.5	1.1
Laois	1.9	3.8	1.6
Longford	2.5	4.8	1.8
Louth	2.5	5.9	3.1
Meath	1.7	3.1	1.2
Offaly	1.5	3.1	1.7
Westmeath	1.9	3.9	1.4
Wexford	1.8	3.2	1.8
Wicklow	1.7	3.4	2.2
Munster			
Clare	1.1	2.1	0.5
Cork	1.6	2.9	2.4
Kerry	1.2	2.4	1.0
Limerick	1.5	3.1	1.6
Tipperary NR	1.5	2.7	1.2
Tipperary SR	1.4	2.5	1.2
Waterford	1.7	3.3	2.3
Connacht			
Galway	1.2	2.5	1.3
Leitrim	2.3	4.2	1.5
Mayo	1.3	2.7	1.2
Roscommon	1.8	3.4	1.5
Sligo	1.3	2.5	1.2
Ulster (Part of)			
Cavan	2.6	5.0	1.6
Donegal	2.0	4.5	1.8
Monaghan	2.1	4.3	1.7
TOTAL	1.5	3.1	1.6

¹ Based on 2002 Census of Population

² Based on 2003 Registered Vehicle Data

³ Based on 2001 Vehicle Kilometres of Travel Estimates

Note: The vehicle-kilometres of travel for each county will be less accurate than the figure for the whole country, because of smaller sample sizes.

TABLES

SECTION 1: TRENDS IN COLLISIONS



Table 1 Collisions Classified by Type and Vehicles Licensed, 1994-2003

Collision Type	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Fatal	371	405	415	424	408	374	362	360	346	301
Injury	6,239	7,712	8,271	8,072	7,831	7,433	7,395	6,549	6,279	5,684
Material Damage	16,127	19,825	21,662	22,364	23,604	24,995	25,066	21,191	17,915	17,930
TOTAL	22,737	27,942	30,348	30,860	31,843	32,802	32,823	28,100	24,540	23,915
Vehicles										
current licence (thousands)	1,200	1,262	1,338	1,432	1,512	1,608	1,684	1,770	1,850	1,937

Table 2 Persons Killed and Injured, 1994-2003.

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Killed	404	437	453	472	458	413	415	411	376	335
Injured	10,229	12,673	13,319	13,115	12,773	12,340	12,043	10,222	9,206	8,262
TOTAL	10,633	13,110	13,772	13,587	13,231	12,753	12,458	10,633	9,582	8,597

Table 3 Persons Killed Classified by Road User Type, 1994-2003.

Road User Type	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Pedestrians	121	113	115	130	114	92	85	89	86	64
Pedal Cyclists	26	28	22	24	21	14	10	12	18	11
Motor Cyclists	55	57	58	68	37	43	39	50	44	55
Car Users	178	193	218	219	253	236	260	230	200	172
Other Road User	24	46	40	31	33	28	21	30	28	33
TOTAL	404	437	453	472	458	413	415	411	376	335

Table 4 All Casualties Classified by Road User Type, 1994-2003.

Road User Type	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Pedestrians	1,491	1,775	1,832	1,759	1,583	1,398	1,332	1,202	1,196	1,115
Pedal Cyclists	693	893	835	676	592	475	451	363	296	307
Motor Cyclists	1,004	1,291	1,263	1,282	1,136	986	1,179	1,084	1,031	840
Car Users	6,443	8,064	8,629	8,565	8,751	8,933	8,395	7,033	6,225	5,521
Other Road User	1,002	1,087	1,213	1,305	1,169	961	1,101	951	834	814
TOTAL	10,633	13,110	13,772	13,587	13,231	12,753	12,458	10,633	9,582	8,597

Table 5 Persons Killed and Injured in Each County, 1999-2003

County	Persons Killed					Persons Injured				
	1999	2000	2001	2002	2003	1999	2000	2001	2002	2003
Leinster										
Carlow	5	5	8	11	4	145	203	131	114	102
Dublin	58	69	53	49	37	3,304	3,363	2,707	2,113	1,828
Kildare	22	18	31	19	17	410	518	349	416	287
Kilkenny	6	9	11	9	9	237	202	220	237	146
Laois	5	16	13	5	11	212	192	196	133	132
Longford	3	9	3	8	6	156	131	122	140	102
Louth	20	30	15	19	14	475	506	303	337	364
Meath	19	20	26	18	14	478	454	416	399	345
Offaly	9	10	9	6	7	178	168	120	121	149
Westmeath	10	9	7	10	15	233	203	226	199	208
Wexford	17	11	16	7	16	453	421	364	351	330
Wicklow	15	14	13	11	9	364	400	302	264	282
Munster										
Clare	8	12	9	16	9	289	186	166	189	168
Cork	44	34	52	35	30	1,251	1,225	1,114	1,054	977
Kerry	18	12	14	8	15	428	342	399	255	220
Limerick	22	10	22	21	13	532	589	484	520	361
Tipperary NR	7	13	7	5	13	196	205	159	123	128
Tipperary SR	10	10	9	10	8	205	182	181	161	161
Waterford	12	10	13	12	5	284	324	323	254	220
Connacht										
Galway	23	22	22	26	17	654	455	477	466	401
Leitrim	5	4	5	5	0	82	62	103	58	84
Mayo	13	11	8	14	9	374	385	289	264	208
Roscommon	8	11	6	5	6	202	188	135	177	154
Sligo	11	13	6	9	5	209	205	117	131	97
Ulster (part of)										
Cavan	8	3	5	7	15	225	252	232	214	202
Donegal	27	18	14	20	23	560	448	431	360	440
Monaghan	8	12	14	11	8	204	234	156	156	166
TOTAL	413	415	411	376	335	12,340	12,043	10,222	9,206	8,262

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	17	438	455	7.6	20	633	653	7.6
February	21	440	461	7.7	21	610	631	7.3
March	30	470	500	8.4	33	659	692	8.0
April	21	463	484	8.1	23	691	714	8.3
May	32	498	530	8.9	38	745	783	9.1
June	31	467	498	8.3	37	659	696	8.1
July	25	456	481	8.0	32	691	723	8.4
August	24	493	517	8.6	26	731	757	8.8
September	17	520	537	9.0	20	743	763	8.9
October	32	503	535	8.9	34	710	744	8.7
November	30	500	530	8.9	30	746	776	9.0
December	21	436	457	7.6	21	644	665	7.7
TOTAL	301	5,684	5,985	100.0	335	8,262	8,597	100.0

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	16	304	320	5.3	20	431	451	5.2
1	18	146	164	2.7	19	225	244	2.8
2	10	117	127	2.1	10	185	195	2.3
3	13	115	128	2.1	16	191	207	2.4
4	11	70	81	1.4	13	103	116	1.3
5	5	56	61	1.0	5	83	88	1.0
6	5	67	72	1.2	6	96	102	1.2
7	11	180	191	3.2	14	249	263	3.1
8	8	291	299	5.0	8	392	400	4.7
9	6	279	285	4.8	6	372	378	4.4
10	8	206	214	3.6	9	291	300	3.5
11	14	218	232	3.9	14	294	308	3.6
12	19	285	304	5.1	22	400	422	4.9
13	6	309	315	5.3	7	447	454	5.3
14	9	321	330	5.5	10	474	484	5.6
15	7	353	360	6.0	7	536	543	6.3
16	22	360	382	6.4	22	506	528	6.1
17	23	448	471	7.9	25	663	688	8.0
18	9	382	391	6.5	12	549	561	6.5
19	17	334	351	5.9	19	512	531	6.2
20	22	290	312	5.2	24	455	479	5.6
21	10	209	219	3.7	13	304	317	3.7
22	14	143	157	2.6	16	208	224	2.6
23	11	114	125	2.1	11	172	183	2.1
Unknown	7	87	94	1.6	7	124	131	1.5
TOTAL	301	5,684	5,985	100.0	335	8,262	8,597	100.0

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

Day	Collisions				Casualties			
	Fatal	Injury	Total	%	Killed	Injured	Total	%
Sunday	61	846	907	15.2	68	1298	1,366	15.9
Monday	41	785	826	13.8	49	1139	1,188	13.8
Tuesday	28	804	832	13.9	30	1147	1,177	13.7
Wednesday	28	719	747	12.5	30	983	1,013	11.8
Thursday	39	812	851	14.2	43	1147	1,190	13.8
Friday	50	921	971	16.2	54	1321	1,375	16.0
Saturday	54	797	851	14.2	61	1227	1,288	15.0
TOTAL	301	5,684	5,985	100.0	335	8,262	8,597	100.0

Table 9 Fatal and Injury Collisions and Casualties Classified by Light Condition
COLLISIONS

Light Condition	Inside Built-up Areas				Outside Built-up Areas			
	Fatal	Injury	Total	%	Fatal	Injury	Total	%
Daylight good visibility	30	1874	1,904	59.7	108	1507	1,615	57.7
Daylight poor visibility	3	124	127	4.0	10	185	195	7.0
Dark road well-lighted	26	733	759	23.8	5	94	99	3.5
Dark road poorly-lighted	13	225	238	7.5	7	91	98	3.5
Dark unlit lighting	0	11	11	0.3	6	29	35	1.3
Dark no Lighting	9	61	70	2.2	77	626	703	25.1
Unknown	0	40	40	1.3	3	15	18	0.6
Not Stated	2	37	39	1.2	2	32	34	1.2
TOTAL	83	3,105	3,188	100.0	218	2,579	2,797	100.0

CASUALTIES

Light Condition	Inside Built-up Areas				Outside Built-up Areas			
	Killed	Injured	Total	%	Killed	Injured	Total	%
Daylight good visibility	31	2,382	2,413	58.4	123	2,438	2,561	57.4
Daylight poor visibility	3	178	181	4.4	12	311	323	7.2
Dark road well-lighted	30	968	998	24.1	5	151	156	3.5
Dark road poorly-lighted	13	299	312	7.5	8	157	165	3.7
Dark unlit lighting	0	14	14	0.3	6	42	48	1.1
Dark no Lighting	10	113	123	3.0	86	1,049	1,135	25.4
Unknown	0	46	46	1.1	4	17	21	0.5
Not Stated	2	44	46	1.1	2	53	55	1.2
TOTAL	89	4,044	4,133	100.0	246	4,218	4,464	100.0

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	234	580	3562	4,376	73.1
Wet	43	145	954	1,142	19.1
Frost/Ice	4	14	113	131	2.2
Snow	0	2	6	8	0.1
Fog/Mist	9	20	73	102	1.7
High Winds	2	3	10	15	0.3
Other	0	9	25	34	0.6
Unknown	1	11	78	90	1.5
Not Specified	8	12	67	87	1.5
TOTAL	301	796	4,888	5,985	100.0

Table 11 Fatal and Injury Collisions Classified by Road Surface Conditions

Road Surface	Fatal	Serious Injury	Minor Injury	Total	%
Dry	192	481	3,101	3,774	63.1
Wet	87	254	1,433	1,774	29.6
Frost/Ice	8	21	97	126	2.1
Snow	2	2	5	9	0.2
Other	4	5	36	45	0.8
Not Specified	8	33	216	257	4.3
TOTAL	301	796	4,888	5,985	100.0

Table 12 Fatal and Injury Collisions Classified by Road Character

Road Character	Fatal	Serious Injury	Minor Injury	Total	%
Straight	155	390	2,651	3,196	53.4
Bend	76	216	979	1,271	21.2
Hillcrest	13	28	134	175	2.9
Some Gradient	34	94	495	623	10.4
Other	5	12	64	81	1.4
Not Specified	18	56	565	639	10.7
TOTAL	301	796	4,888	5,985	100.0

Table 13 Collisions Classified by Road Surface Condition and by Occurrence of Skidding

Road Surface	Skidding Occurred	No Skidding	Not Stated	Total	Skidding Rate (%)*
Dry	810	1,808	1,156	3,774	30.9
Wet	423	523	828	1,774	44.7
Frost/Ice	67	21	38	126	76.1
Snow	5	1	3	9	83.3
Other	23	9	13	45	71.9
Not Specified	25	55	177	257	31.3
Total	1,353	2,417	2,215	5,985	35.9

* Excludes not stated category

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

Road Character	Skidding Occurred	No Skidding	Not Stated	Total	Skidding Rate (%)*
Straight	163	290	408	861	36.0
Bend	160	113	222	495	58.6
Hillcrest	12	28	25	65	30.0
Some Gradient	64	40	93	197	61.5
Other	1	7	14	22	12.5
Not Specified	23	45	66	134	33.8
TOTAL	423	523	828	1,774	44.7

* Excludes not stated category

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

Collision Type	Inside Built-up Areas				Outside Built-up Areas			
	Fatal	Injury	Total	%	Fatal	Injury	Total	%
Single Vehicle and Pedestrian	37	880	917	28.8	27	110	137	4.9
Single Vehicle Only	21	288	309	9.7	77	806	883	31.6
Two or more Vehicle Accidents	25	1,937	1,962	61.5	114	1,663	1,777	63.5
TOTAL	83	3,105	3,188	100	218	2,579	2,797	100.0
Breakdown of two or more vehicle collisions								
Rear End	3	495	498	25.4	5	354	359	20.2
Angle	1	632	633	32.3	14	444	458	25.8
Head-On	15	405	420	21.4	80	635	715	40.2
Other/Not Known	6	405	411	20.9	15	230	245	13.8

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	3	33	36	3.0
Parked Car	1	28	29	2.4
Parked Truck	0	9	9	0.8
Parked Trailer/Skip	0	3	3	0.3
Pole	8	84	92	7.7
Tree	9	48	57	4.8
Animal	0	17	17	1.4
Wall/Gate	27	188	215	18.0
Ditch	35	514	549	46.1
Other/Unknown	12	163	175	14.7
Not Stated	3	7	10	0.8
TOTAL	98	1,094	1,192	100.0

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

Contributory Factor	Fatal	Injury	Total	%
Driver	184	2,849	3,033	85.6
Pedestrian	22	331	353	10.0
Road	2	96	98	2.8
Vehicle	1	9	10	0.3
Environment	4	44	48	1.4
TOTAL	213	3,329	3,542	100.0

Note: More than one factor is specified in certain collisions

SECTION 3: CASUALTIES

Figure 14: Percentage of Persons Killed and Injured by Road User Type, 2003

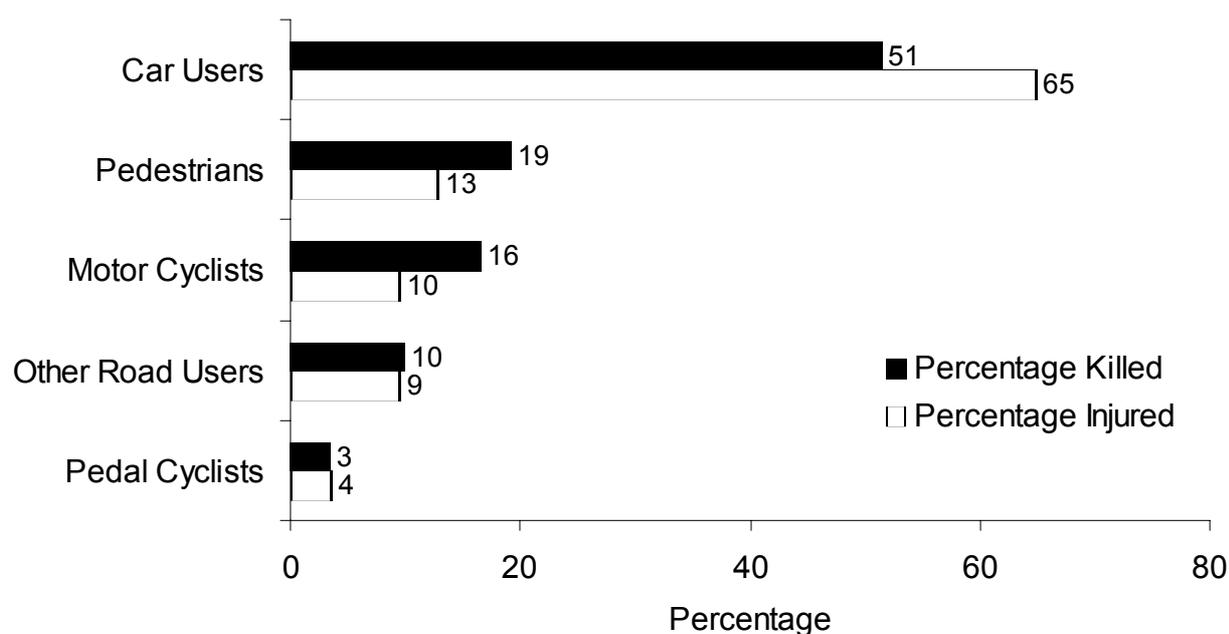


Table 18 All Casualties Classified by Road User Type

Casualty Class	Killed	Serious Injury	Minor Injury	Total	%
Pedestrians	64	153	884	1,101	13.2
Pedal Cycle Users	11	20	272	303	3.6
Motor Cycle Users	55	141	631	827	9.9
Car Users	172	588	4,564	5,324	63.8
PSV Users	0	2	62	64	0.8
Goods Vehicle Users	27	81	453	561	6.7
Other	6	24	137	167	2.0
TOTAL	335	1,009	7,003	8,347	100.0

Note: Collisions omitted when injury severity 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	3	72	75	6.7	0	8	8	2.6	0	0	0	0.0
6-9	3	76	79	7.1	1	12	13	4.2	0	1	1	0.1
10-14	1	96	97	8.7	2	22	24	7.8	0	4	4	0.5
15-17	1	59	60	5.4	0	17	17	5.5	1	74	75	8.9
18-20	2	72	74	6.6	0	23	23	7.5	5	126	131	15.6
21-24	3	77	80	7.2	1	30	31	10.1	8	125	133	15.8
25-34	5	136	141	12.6	1	68	69	22.5	26	243	269	32.0
35-44	8	76	84	7.5	0	33	33	10.7	11	99	110	13.1
45-54	10	81	91	8.2	0	26	26	8.5	3	45	48	5.7
55-64	4	78	82	7.4	1	12	13	4.2	1	8	9	1.1
65 and Over	22	131	153	13.7	4	10	14	4.6	0	7	7	0.8
Unknown	2	97	99	8.9	1	35	36	11.7	0	53	53	6.3
TOTAL	64	1,051	1,115	100.0	11	296	307	100.0	55	785	840	100.0

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	4	86	90	4.7	4	86	90	1.6	0	6	6	0.7
6-9	0	0	0	0.0	1	82	83	4.3	1	82	83	1.5	0	9	9	1.1
10-14	0	3	3	0.1	1	108	109	5.7	1	111	112	2.0	0	17	17	2.1
15-17	0	45	45	1.2	8	155	163	8.5	8	200	208	3.8	2	25	27	3.3
18-20	11	217	228	6.3	11	217	228	11.9	22	434	456	8.3	5	57	62	7.6
21-24	20	406	426	11.8	9	210	219	11.4	29	616	645	11.7	7	84	91	11.2
25-34	30	964	994	27.6	6	314	320	16.7	36	1,278	1,314	23.8	4	192	196	24.1
35-44	14	629	643	17.9	7	163	170	8.9	21	792	813	14.7	5	133	138	17.0
45-54	10	419	429	11.9	5	122	127	6.6	15	541	556	10.1	3	96	99	12.2
55-64	8	249	257	7.1	2	86	88	4.6	10	335	345	6.2	2	56	58	7.1
65 and Over	14	229	243	6.7	7	106	113	5.9	21	335	356	6.4	5	34	39	4.8
Unknown	3	330	333	9.2	1	209	210	10.9	4	539	543	9.8	0	72	72	8.8
TOTAL	110	3,491	3,601	100.0	62	1,858	1,920	100.0	172	5,349	5,521	100.0	33	781	814	100.0

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	3	50	53	9.2	0	7	7	3.2	0	0	0	0.0
6-9	2	53	55	9.5	0	8	8	3.6	0	1	1	0.1
10-14	0	42	42	7.3	2	18	20	9.1	0	3	3	0.4
15-17	0	33	33	5.7	0	16	16	7.3	1	61	62	9.2
18-20	1	42	43	7.4	0	19	19	8.6	5	110	115	17.1
21-24	3	39	42	7.3	0	22	22	10.0	8	99	107	15.9
25-34	3	91	94	16.3	1	51	52	23.6	25	196	221	32.8
35-44	7	43	50	8.7	0	24	24	10.9	11	82	93	13.8
45-54	5	38	43	7.4	0	19	19	8.6	2	40	42	6.2
55-64	4	33	37	6.4	1	8	9	4.1	1	8	9	1.3
65 and Over	11	49	60	10.4	4	7	11	5.0	0	4	4	0.6
Unknown	1	25	26	4.5	0	13	13	5.9	0	17	17	2.5
TOTAL	40	538	578	100.0	8	212	220	100.0	53	621	674	100.0

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	46	47	6.5	1	46	47	1.9	0	4	4	0.7
6-9	0	0	0	0.0	1	34	35	4.9	1	34	35	1.4	0	4	4	0.7
10-14	0	3	3	0.2	0	50	50	6.9	0	53	53	2.1	0	8	8	1.3
15-17	0	33	33	1.8	3	58	61	8.5	3	91	94	3.7	1	18	19	3.1
18-20	9	151	160	9.0	7	109	116	16.1	16	260	276	11.0	5	46	51	8.4
21-24	17	231	248	13.9	7	98	105	14.6	24	329	353	14.1	6	69	75	12.4
25-34	25	479	504	28.2	4	133	137	19.0	29	612	641	25.6	4	160	164	27.2
35-44	9	287	296	16.6	6	53	59	8.2	15	340	355	14.2	4	102	106	17.5
45-54	9	220	229	12.8	2	38	40	5.5	11	258	269	10.7	3	77	80	13.2
55-64	6	131	137	7.7	0	24	24	3.3	6	155	161	6.4	1	47	48	7.9
65 and Over	8	127	135	7.6	1	19	20	2.8	9	146	155	6.2	5	24	29	4.8
Unknown	1	40	41	2.3	0	27	27	3.7	1	67	68	2.7	0	16	16	2.6
TOTAL	84	1,702	1,786	100.0	32	689	721	100.0	116	2,391	2,507	100.0	29	575	604	100.0

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	22	22	4.9	0	0	0	0.0	0	0	0	0.0
6-9	1	19	20	4.5	1	3	4	7.4	0	0	0	0.0
10-14	1	47	48	10.7	0	4	4	7.4	0	1	1	1.3
15-17	0	25	25	5.6	0	1	1	1.9	0	9	9	11.3
18-20	1	29	30	6.7	0	3	3	5.6	0	9	9	11.3
21-24	0	36	36	8.0	1	6	7	13.0	0	14	14	17.5
25-34	1	43	44	9.8	0	15	15	27.8	0	30	30	37.5
35-44	1	29	30	6.7	0	9	9	16.7	0	13	13	16.3
45-54	5	38	43	9.6	0	5	5	9.3	0	2	2	2.5
55-64	0	42	42	9.4	0	4	4	7.4	0	0	0	0.0
65 and Over	11	72	83	18.5	0	1	1	1.9	0	1	1	1.3
Unknown	1	25	26	5.8	0	1	1	1.9	0	1	1	1.3
TOTAL	22	427	449	100.0	2	52	54	100.0	0	80	80	100.0

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	3	31	34	3.7	3	31	34	1.5	0	2	2	2.0
6-9	0	0	0	0.0	0	40	40	4.4	0	40	40	1.8	0	2	2	2.0
10-14	0	0	0	0.0	1	46	47	5.1	1	46	47	2.1	0	7	7	6.9
15-17	0	8	8	0.6	5	80	85	9.2	5	88	93	4.1	1	4	5	5.0
18-20	2	61	63	4.6	4	91	95	10.3	6	152	158	6.9	0	8	8	7.9
21-24	3	149	152	11.2	2	97	99	10.8	5	246	251	11.0	1	10	11	10.9
25-34	3	417	420	30.9	2	161	163	17.7	5	578	583	25.6	0	19	19	18.8
35-44	5	299	304	22.4	1	105	106	11.5	6	404	410	18.0	1	19	20	19.8
45-54	1	174	175	12.9	2	73	75	8.2	3	247	250	11.0	0	8	8	7.9
55-64	2	100	102	7.5	2	59	61	6.6	4	159	163	7.2	1	3	4	4.0
65 and Over	6	76	82	6.0	6	73	79	8.6	12	149	161	7.1	1	8	9	8.9
Unknown	0	52	52	3.8	0	35	35	3.8	0	87	87	3.8	0	6	6	5.9
TOTAL	22	1,336	1,358	100	28	891	919	100	50	2,227	2,277	100	5	96	101	100

Table 22 All Casualties Classified by Age and Sex

Age Groups	Male			Female			Overall Total	%
	Killed	Injured	Total	Killed	Injured	Total		
0-5	4	107	111	3	55	58	169	2.2
6-9	3	100	103	2	64	66	169	2.2
10-14	2	124	126	2	105	107	233	3.1
15-17	5	219	224	6	127	133	357	4.7
18-20	27	477	504	7	201	208	712	9.4
21-24	41	558	599	7	312	319	918	12.2
25-34	62	1,110	1,172	6	685	691	1,863	24.7
35-44	37	591	628	8	474	482	1,110	14.7
45-54	21	432	453	8	300	308	761	10.1
55-64	13	251	264	5	208	213	477	6.3
65 and Over	29	230	259	24	231	255	514	6.8
Unknown	2	138	140	1	120	121	261	3.5
TOTAL	246	4,337	4,583	79	2,882	2,961	7,544	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) (2002)	Cas. per 1000 pop
	Killed	Injured	Total	%	Killed	Injured	Total					
0-5	2	108	110	2.7	5	64	69	179	2.1	332	0.5	
6-9	1	104	105	2.5	4	76	80	185	2.2	210	0.9	
10-14	2	155	157	3.8	2	95	97	254	3.0	286	0.9	
15-17	5	198	203	4.9	7	177	184	387	4.5	186	2.1	
18-20	7	347	354	8.6	27	365	392	746	8.7	194	3.8	
21-24	12	429	441	10.7	36	503	539	980	11.4	262	3.7	
25-34	10	925	935	22.6	62	992	1,054	1,989	23.1	617	3.2	
35-44	11	518	529	12.8	34	615	649	1,178	13.7	563	2.1	
45-54	12	370	382	9.2	19	419	438	820	9.5	480	1.7	
55-64	6	233	239	5.8	12	256	268	507	5.9	352	1.4	
65 and Over	19	243	262	6.3	34	274	308	570	6.6	436	1.3	
Unknown	2	414	416	10.1	4	382	386	802	9.3			
TOTAL	89	4,044	4,133	100.0	246	4,218	4,464	8,597	100.0	3,917	2.2	

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	39	931	970	21.1	25	120	145	2.9
Pedal Cycle Users	0	258	258	5.6	11	38	49	1.0
Motor Cycle Users	17	561	578	12.6	38	224	262	5.3
Car Users	28	2,043	2,071	45.0	144	3,306	3,450	69.3
PSV Users	0	59	59	1.3	0	28	28	0.6
Goods Vehicle Users	2	157	159	3.5	25	383	408	8.2
Other	3	35	38	0.8	3	119	122	2.5
Unknown	0	0	0	0.0	0	0	0	0.0
TOTAL	89	4,044	4,133	100.0	246	4,218	4,464	100.0

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	%
Daylight good visibility	19	532	551	56.8	7	47	54	37.2
Daylight poor visibility	2	20	22	2.3	0	5	5	3.4
Dark road well-lighted	11	249	260	26.8	0	9	9	6.2
Dark road poorly-lighted	6	84	90	9.3	1	14	15	10.3
Dark unlit lighting	0	5	5	0.5	1	3	4	2.8
Dark no Lighting	1	10	11	1.1	16	36	52	35.9
Unknown	0	21	21	2.2	0	4	4	2.8
Not Stated	0	10	10	1.0	0	2	2	1.4
TOTAL	39	931	970	100.0	25	120	145	100.0

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	2	29	1	33	1	7	4	69	73
Otherwise crossing	1	50	3	97	7	40	11	187	198
Walking with traffic	0	2	1	13	0	4	1	19	20
Walking against traffic	1	3	1	17	2	4	4	24	28
Standing in roadway	0	6	0	27	1	5	1	38	39
Playing in roadway	2	34	0	5	0	0	2	39	41
Lying on roadway	0	3	0	0	0	0	0	3	3
Other	1	30	3	52	0	12	4	94	98
Unknown	0	24	1	34	0	21	1	79	80
TOTAL	7	181	10	278	11	93	28	552	580
DARKNESS									
Crossing masked by Parked Car	0	7	1	16	0	2	1	25	26
Otherwise crossing	0	22	0	111	5	21	5	154	159
Walking with traffic	0	0	4	28	1	3	5	31	36
Walking against traffic	0	0	6	24	0	3	6	27	33
Standing in roadway	0	4	4	40	1	2	5	46	51
Playing in roadway	0	14	0	6	0	0	0	20	20
Lying on roadway	0	1	4	1	1	0	5	2	7
Other	0	7	1	39	3	4	4	50	54
Unknown	0	7	3	36	0	3	3	46	49
TOTAL	0	62	23	301	11	38	34	401	435
OVERALL TOTAL	7	243	33	579	22	131	62	953	1,015

Note: Collisions omitted where age not specified

SECTION 4: DRIVERS AND VEHICLES

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

Drivers					
All Drivers					
	Killed	Injured	Uninjured	Total	%
Pedal Cycle	11	295	4	310	3.2
Motor Cycle	52	720	77	849	8.7
Car	110	3,491	3,377	6,978	71.4
PSV	0	24	111	135	1.4
Goods Vehicle	20	417	746	1,183	12.1
Other or Unknown	4	97	221	322	3.3
TOTAL	197	5,044	4,536	9,777	100.0

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

Drivers					
Male Drivers*					
	Killed	Injured	Uninjured	Total	%
Pedal Cycle	9	212	2	223	3.7
Motor Cycle	50	589	54	693	11.6
Car	84	1,702	1,974	3,760	62.7
PSV	0	17	85	102	1.7
Goods Vehicle	18	352	606	976	16.3
Other or Unknown	4	83	156	243	4.1
TOTAL	165	2,955	2,877	5,997	100.0

* where specified

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

Drivers					
Female Drivers*	Killed	Injured	Uninjured	Total	%
Pedal Cycle	2	52	0	54	2.2
Motor Cycle	0	51	2	53	2.2
Car	22	1,336	905	2,263	93.3
PSV	0	2	3	5	0.2
Goods Vehicle	2	17	20	39	1.6
Other or Unknown	0	3	8	11	0.5
TOTAL	26	1,461	938	2,425	100.0

* where specified

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

Drivers										
Age Group	Male				Female				Overall Total	% of Total
	Killed	Injured	Uninjured	Total	Killed	Injured	Uninjured	Total		
10-14	0	3	1	4	0	0	0	0	4	0.1
15-17	0	33	15	48	0	8	2	10	58	1.0
18-20	9	151	124	284	2	61	39	102	386	6.4
21-24	17	231	189	437	3	149	87	239	676	11.2
25-34	25	479	502	1,006	3	417	261	681	1,687	28.0
35-44	9	287	457	753	5	299	224	528	1,281	21.3
45-54	9	220	309	538	1	174	139	314	852	14.1
55-64	6	131	191	328	2	100	77	179	507	8.4
65 and Over	8	127	132	267	6	76	56	138	405	6.7
Unknown	1	40	54	95	0	52	20	72	167	2.8
TOTAL	84	1,702	1,974	3,760	22	1,336	905	2,263	6,023	100.0

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

Age Group	Male				Female				Overall Total	% of Total
	Killed	Injured	Uninjured	Total	Killed	Injured	Uninjured	Total		
10-14	0	0	1	1	0	0	0	0	1	0.1
15-17	1	57	4	62	0	4	0	4	66	8.8
18-20	4	100	4	108	0	6	0	6	114	15.3
21-24	7	94	12	113	0	6	0	6	119	16.0
25-34	25	187	18	230	0	22	1	23	253	33.9
35-44	10	82	5	97	0	10	1	11	108	14.5
45-54	2	40	4	46	0	2	0	2	48	6.4
55-64	1	8	3	12	0	0	0	0	12	1.6
65 and Over	0	4	0	4	0	1	0	1	5	0.7
Unknown	0	17	3	20	0	0	0	0	20	2.7
TOTAL	50	589	54	693	0	51	2	53	746	100

Table 32 Drivers of Other Vehicles Involved in Fatal and Injury Accidents 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	1	10	9	20	0	0	0	0	20	1.5
18-20	1	30	44	75	0	0	0	0	75	5.5
21-24	5	54	64	123	0	4	3	7	130	9.4
25-34	4	133	230	367	0	6	9	15	382	27.8
35-44	4	91	220	315	0	7	6	13	328	23.8
45-54	2	69	146	217	0	4	3	7	224	16.3
55-64	1	35	92	128	1	1	6	8	136	9.9
65 and Over	4	18	20	42	1	0	2	3	45	3.3
Unknown	0	12	22	34	0	0	2	2	36	2.6
TOTAL	22	452	847	1,321	2	22	31	55	1,376	100.0

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	40	1,500	1,242	2,782	39.9
Seat Belt Not in Use	27	154	78	259	3.7
Unknown	28	1,246	1,325	2,599	37.2
Not Stated	15	591	732	1,338	19.2
TOTAL	110	3,491	3,377	6,978	100.0
Passengers (front seat)					
Seat Belt in Use	13	295	*	308	28.3
Seat Belt Not in Use	6	26	*	32	2.9
Unknown	8	251	*	259	23.8
Not Stated	12	479	*	491	45.0
TOTAL	39	1,051	*	1,090	100.0

* in this and following table: not available

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

Crash Helmet Usage	Killed	Injured	Uninjured	Total	%
Drivers					
Crash Helmet in Use	11	32	9	52	6.1
Crash Helmet Not in Use	16	278	24	318	37.5
Unknown	4	46	8	58	6.8
Not Stated	21	364	36	421	49.6
TOTAL	52	720	77	849	100.0
Passengers					
Crash Helmet in Use	2	6	*	8	13.8
Crash Helmet Not in Use	0	15	*	15	25.9
Unknown / Not Stated	1	34	*	35	60.3
TOTAL	3	55	*	58	100.0

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

	Fatal	Injury	Total	%
CARS				
Ireland	222	5,089	5,311	93.2
Northern Ireland	4	137	141	2.5
Britain	2	76	78	1.4
Other	3	163	166	2.9
TOTAL	231	5,465	5,696	100.0
GOODS				
Ireland	71	849	920	91.9
Northern Ireland	6	43	49	4.9
Britian	0	10	10	1.0
Other	3	19	22	2.2
TOTAL	80	921	1,001	100.0

Table 36 Two Vehicle Collisions: Contributory Action, where Specified

Driver Action	Fatal	Injury	Total	%
Drove through Stop/Yield Sign	7	326	333	11.8
Exceeded Safe Speed	27	238	265	9.4
Went to Wrong Side of Road	43	531	574	20.3
Improper Overtaking	7	161	168	5.9
Drove Through Traffic Signal	1	62	63	2.2
Failed to Signal	3	30	33	1.2
Other Action	36	1,356	1,392	49.2
TOTAL	124	2,704	2,828	100.0

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	0	258	258	5.0	11	37	48	1.1
Motor Cycles	17	580	597	11.7	37	206	243	5.3
Cars	54	3,483	3,537	69.1	206	3,139	3,345	73.5
PSVs	2	94	96	1.9	0	38	38	0.8
Goods Vehicles	25	480	505	9.9	65	614	679	14.9
Other or Unknown	9	113	122	2.4	19	179	198	4.4
TOTAL	107	5,008	5,115	100.0	338	4,213	4,551	100.0

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	8	8	0.8	0	5	5	0.4
Motor Cycles	0	48	48	4.6	19	113	132	11.1
Cars	39	770	809	76.8	56	819	875	73.4
PSVs	2	29	31	2.9	0	8	8	0.7
Goods Vehicles	17	101	118	11.2	19	125	144	12.1
Other or Unknown	6	34	40	3.8	4	24	28	2.3
TOTAL	64	990	1,054	100.0	98	1,094	1,192	100.0

Table 39 Two-Vehicle Collisions Classified by Vehicle Type

	Fatal	Injury	Total	Fatalities	Injuries	Total
Pedal Cycle-Pedal Cycle	0	2	2	0	3	3
Pedal Cycle-Motor Cycle	0	9	9	0	13	13
Pedal Cycle-Car	6	213	219	6	219	225
Pedal Cycle-PSV	0	6	6	0	6	6
Pedal Cycle-Goods	2	31	33	2	32	34
Pedal Cycle-Other/Unknown	2	7	9	2	8	10
TOTAL	10	268	278	10	281	291

	Fatal	Injury	Total	Fatalities	Injuries	Total
Motor Cycle-Pedal Cycle	0	9	9	0	13	13
Motor Cycle-Motor Cycle	0	9	9	0	11	11
Motor Cycle-Car	21	477	498	21	547	568
Motor Cycle-PSV	0	7	7	0	11	11
Motor Cycle-Goods	8	68	76	8	79	87
Motor Cycle-Other/Unknown	3	18	21	3	21	24
TOTAL	32	588	620	32	682	714

	Fatal	Injury	Total	Fatalities	Injuries	Total
Car-Pedal Cycle	6	213	219	6	219	225
Car-Motor Cycle	21	477	498	21	547	568
Car-Car	44	1476	1,520	56	2607	2,663
Car-PSV	0	52	52	0	73	73
Car-Goods	28	507	535	36	821	857
Car-Other/Unknown	5	126	131	6	189	195
TOTAL	104	2,851	2,955	125	4,456	4,581

Table 39 Two-Vehicle Collisions Classified by Vehicle Type

	Fatal	Injury	Total	Fatalities	Injuries	Total
PSV-Pedal Cycle	0	6	6	0	6	6
PSV-Motor Cycle	0	7	7	0	11	11
PSV-Car	0	52	52	0	73	73
PSV-PSV	0	2	2	0	3	3
PSV-Goods	0	11	11	0	21	21
PSV-Other/Unknown	0	5	5	0	7	7
TOTAL	0	83	83	0	121	121

	Fatal	Injury	Total	Fatalities	Injuries	Total
Goods-Pedal Cycle	2	31	33	2	32	34
Goods-Motor Cycle	8	68	76	8	79	87
Goods-Car	28	507	535	36	821	857
Goods-PSV	0	11	11	0	21	21
Goods-Goods	4	54	58	4	81	85
Goods-Other/Unknown	2	30	32	2	46	48
TOTAL	44	701	745	52	1,080	1,132

	Fatal	Injury	Total	Fatalities	Injuries	Total
Other-Pedal Cycle	2	7	9	2	8	10
Other-Motor Cycle	3	18	21	3	21	24
Other-Car	5	126	131	6	189	195
Other-PSV	0	5	5	0	7	7
Other-Goods	2	30	32	2	46	48
Other-Other/Unknown	0	10	10	0	10	10
TOTAL	12	196	208	13	281	294

SECTION 5: LOCATION

Table 40 Traffic Collisions and Casualties in each County

County and Province	Pop. (000's) (2002)	Reg. Motor Vehicle (000's) (2003)	Collisions				Casualties			
			Fatal	Injury	Total	%	Killed	Injured	Total	%
Leinster										
Carlow	46	27	4	64	68	1.1	4	102	106	1.2
Dublin	1,123	499	34	1460	1,494	25.0	37	1,828	1,865	21.7
Kildare	164	83	15	196	211	3.5	17	287	304	3.5
Kilkenny	80	44	8	100	108	1.8	9	146	155	1.8
Laois	59	30	9	103	112	1.9	11	132	143	1.7
Longford	31	16	5	72	77	1.3	6	102	108	1.3
Louth	102	43	13	242	255	4.3	14	364	378	4.4
Meath	134	72	14	207	221	3.7	14	345	359	4.2
Offaly	64	32	6	91	97	1.6	7	149	156	1.8
Westmeath	72	36	14	126	140	2.3	15	208	223	2.6
Wexford	117	66	13	197	210	3.5	16	330	346	4.0
Wicklow	115	58	8	190	198	3.3	9	282	291	3.4
Munster										
Clare	103	55	8	108	116	1.9	9	168	177	2.1
Cork	448	241	29	668	697	11.6	30	977	1,007	11.7
Kerry	132	70	11	154	165	2.8	15	220	235	2.7
Limerick	176	86	10	260	270	4.5	13	361	374	4.4
Tipperary NR	61	35	11	82	93	1.6	13	128	141	1.6
Tipperary SR	79	43	7	100	107	1.8	8	161	169	2.0
Waterford	102	51	5	166	171	2.9	5	220	225	2.6
Connacht										
Galway	209	101	17	234	251	4.2	17	401	418	4.9
Leitrim	26	14	0	60	60	1.0	0	84	84	1.0
Mayo	117	59	8	150	158	2.6	9	208	217	2.5
Roscommon	54	29	6	92	98	1.6	6	154	160	1.9
Sligo	58	30	5	69	74	1.2	5	97	102	1.2
Ulster (Part of)										
Cavan	56	30	14	133	147	2.5	15	202	217	2.5
Donegal	137	61	19	255	274	4.6	23	440	463	5.4
Monaghan	53	26	8	105	113	1.9	8	166	174	2.0
TOTAL	3,917	1,937	301	5,684	5,985	100.0	335	8,262	8,597	100.0

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

Garda Division	Collisions				Casualties			
	Fatal	Injury	Total	%	Killed	Injured	Total	%
Cavan / Monaghan	23	255	278	4.6	24	396	420	4.9
Carlow / Kildare	20	275	295	4.9	22	412	434	5.0
Clare	9	106	115	1.9	11	161	172	2.0
Cork City	9	299	308	5.1	9	405	414	4.8
Cork North	14	165	179	3.0	15	262	277	3.2
Cork West	10	212	222	3.7	10	319	329	3.8
Donegal	19	255	274	4.6	23	440	463	5.4
DMR North Central	3	236	239	4.0	4	282	286	3.3
DMR North	8	240	248	4.1	10	314	324	3.8
DMR South Central	4	258	262	4.4	4	304	308	3.6
DMR South	5	268	273	4.6	5	332	337	3.9
DMR East	3	211	214	3.6	3	266	269	3.1
DMR West	13	261	274	4.6	13	348	361	4.2
Galway West	11	167	178	3.0	11	294	305	3.5
Kerry	8	153	161	2.7	12	219	231	2.7
Laois / Offaly	14	192	206	3.4	17	283	300	3.5
Limerick	11	264	275	4.6	14	371	385	4.5
Longford / Westmeath	19	204	223	3.7	21	315	336	3.9
Louth / Meath	27	482	509	8.5	28	754	782	9.1
Mayo	9	160	169	2.8	10	221	231	2.7
Roscommon / Galway	12	155	167	2.8	12	251	263	3.1
Sligo/Leitrim	5	105	110	1.8	5	149	154	1.8
Tipperary	17	195	212	3.5	19	304	323	3.8
Waterford / Kilkenny	12	245	257	4.3	13	348	361	4.2
Wexford / Wicklow	16	321	337	5.6	20	512	532	6.2
TOTAL	301	5,684	5,985	100.0	335	8,262	8,597	100.0

Table 42 Fatal and Injury Collisions at or near Pedestrian Crossings

	Fatal	Injury	Total
Total at or near Pedestrian Crossing	4	78	82

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	1	1	0	3	3

Note: Collisions 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	19	690	709	49.9	15	285	300	46.0
Crossroads	5	378	383	26.9	10	226	236	36.2
Y-Junction	2	68	70	4.9	3	55	58	8.9
Roundabout	3	129	132	9.3	1	21	22	3.4
Complex Junction	2	126	128	9.0	3	33	36	5.5
TOTAL	31	1,391	1,422	100.0	32	620	652	100.0

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	8	432	440	21.2
Stop Sign	8	320	328	15.8
Yield Sign	6	157	163	7.9
Road Markings Only	7	246	253	12.2
Roundabout	1	58	59	2.8
Pedestrian Crossing	3	67	70	3.4
Within 50ft of Pedestrian X	1	11	12	0.6
No Control	17	452	469	22.6
Other / Not Stated	12	268	280	13.5
TOTAL	63	2,011	2,074	100.0

Table 46 Fatal and Injury Collisions Classified by Road Type

Road Type	Fatal	Injury	Total	%
Two-Way Single Carriageway	261	4,498	4,759	79.5
One-Way Single Carriageway	14	456	470	7.9
Dual Carriageway	6	272	278	4.6
Motorway	8	48	56	0.9
Other/Unknown	12	410	422	7.1
TOTAL	301	5,684	5,985	100.0

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

	Road Length(km)	Fatal	Injury	Total	% Killed	Injured	Total	%
Dublin City	1,055	12	813	825	43.1	13	975	40.8
Dun Laoghaire-Rathdown	309	2	173	175	9.1	2	207	8.6
Fingal County	177	14	181	195	10.2	16	268	11.7
South Dublin County	153	6	286	292	15.3	6	370	15.5
Cork City	104	4	205	209	10.9	4	283	11.9
Waterford City	-	0	62	62	3.2	0	74	3.1
Limerick City	-	1	114	115	6.0	1	141	5.9
Galway City	-	2	38	40	2.1	2	59	2.5
TOTAL		41	1,872	1,913	100.0	44	2,377	100.0

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

Road User	Dublin City		Dun Laoghaire Rathdown		Fingal		South Dublin	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Pedestrians	6	276	1	33	3	25	2	55
Pedal Cycle Users	0	119	0	18	0	9	0	26
Motor Cycle Users	4	165	1	52	6	33	2	69
Car Users	2	368	0	96	6	181	1	188
PSV Users	0	16	0	1	0	1	0	8
Goods Vehicle Users	0	22	0	4	1	16	1	19
Other or Unknown	1	9	0	3	0	3	0	5
TOTAL	13	975	2	207	16	268	6	370

Road User	Cork City		Waterford City		Limerick City		Galway City	
	Killed	Injured	Killed	Injured	Killed	Injured	Killed	Injured
Pedestrians	1	62	0	16	0	28	1	7
Pedal Cycle Users	0	2	0	2	0	14	0	3
Motor Cycle Users	2	60	0	17	0	19	0	7
Car Users	0	141	0	34	1	73	1	41
PSV Users	0	3	0	0	0	0	0	0
Goods Vehicle Users	0	11	0	3	0	3	0	1
Other or Unknown	1	4	0	2	0	4	0	0
TOTAL	4	283	0	74	1	141	2	59

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

Vehicle Type	Dublin City		Dun Laoghaire Rathdown		Fingal		South Dublin	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
Pedal Cycle	0	118	0	18	0	9	0	25
Motor Cycle	4	179	1	57	6	31	2	71
Car	8	852	0	200	8	230	2	318
PSV	1	44	0	4	0	3	1	6
Goods	4	102	1	11	4	39	1	58
Other or Unknown	0	25	1	5	1	6	0	12
TOTAL	17	1,320	3	295	19	318	6	490

Vehicle Type	Cork City		Waterford City		Limerick City		Galway City	
	Fatal	Injury	Fatal	Injury	Fatal	Injury	Fatal	Injury
Pedal Cycle	0	2	0	2	0	14	0	4
Motor Cycle	2	61	0	17	0	21	0	7
Car	2	231	0	69	1	132	2	46
PSV	0	10	0	1	0	1	0	0
Goods	0	29	0	9	0	20	1	7
Other or Unknown	2	10	0	5	0	6	0	0
TOTAL	6	343	0	103	1	194	3	64

Table contains information relating to a maximum of two collisions per accident.

Table 50 Fatal and Injury Collisions in Towns

Towns under 50,000 population (2002) with Legally Defined Boundaries	Population (2002)	Collisions 2003			Average Collisions per 1,000 population in 2003
		Fatal	Personal Injury	Total	
Towns 10,000-50,000 population					
Bray	26,244	0	22	22	0.8
Carlow	13,218	0	19	19	1.4
Castlebar	10,287	0	15	15	1.5
Clonmel	15,739	1	10	11	0.7
Drogheda	28,333	0	37	37	1.3
Dundalk	27,385	0	64	64	2.3
Ennis	18,830	0	6	6	0.3
Killarney	12,087	0	17	17	1.4
Naas	18,288	0	20	20	1.1
Newbridge	15,749	1	8	9	0.6
Sligo	18,473	3	25	28	1.5
Tralee	20,375	0	19	19	0.9
Tullamore	10,270	0	7	7	0.7
Towns 5,000-10,000 population					
Arklow	9,959	0	11	11	1.1
Athlone	7,354	1	16	17	2.3
Athy	6,049	0	7	7	1.2
Balbriggan	6,631	0	2	2	0.3
Ballina	9,478	0	5	5	0.5
Ballinasloe	5,984	0	11	11	1.8
Carrick-On-Suir	5,542	0	4	4	0.7
Cobh	6,767	0	3	3	0.4
Dungarvan	7,220	0	6	6	0.8
Kilkenny	8,591	0	13	13	1.5
Letterkenny	7,965	0	24	24	3.0
Longford	6,831	1	23	24	3.5
Mallow	7,091	0	3	3	0.4
Monaghan	5,717	0	14	14	2.4
Mullingar	8,824	0	15	15	1.7
Nenagh	6,121	0	7	7	1.1
Thurles	6,852	0	3	3	0.4
Tramore	8,115	0	3	3	0.4
Westport	5,314	0	5	5	0.9
Wexford	9,449	1	22	23	2.4
Wicklow	7,031	0	8	8	1.1
Youghal	6,203	0	3	3	0.5

Table 50 Fatal and Injury Collisions in Towns (continued).

Towns under 50,000 population (2002) with Legally Defined Boundaries	Population (2002)	Collisions 2003			Average Collisions per 1,000 population in 2003
		Fatal	Personal Injury	Total	
Towns under 5,000 population					
Ardee	3,564	1	3	4	1.1
Ballybay	437	0	1	1	2.3
Ballyshannon	2,232	1	3	4	1.8
Bandon	1,578	0	1	1	0.6
Bantry	3,150	0	1	1	0.3
Belturbet	1,295	1	4	5	3.9
Birr	3,590	0	4	4	1.1
Boyle	1,643	0	0	0	0.0
Buncrana	3,420	0	0	0	0.0
Bundoran	1,678	0	6	6	3.6
Callan	1,325	0	0	0	0.0
Carrickmacross	1,964	0	5	5	2.5
Cashel	2,403	0	3	3	1.2
Castleblaney	1,712	1	2	3	1.8
Cavan	3,538	0	8	8	2.3
Ceannannus Mor	2,522	0	1	1	0.4
Clonakilty	3,432	0	0	0	0.0
Clones	1,721	0	0	0	0.0
Cootehill	1,399	0	3	3	2.1
Edenderry	4,216	0	0	0	0.0
Enniscorthy	3,764	0	4	4	1.1
Fermoy	2,270	0	7	7	3.1
Fethard Town	1,388	0	0	0	0.0
Gorey	3,090	0	6	6	1.9
Granard	1,013	0	1	1	1.0
Kilkee	1,260	0	2	2	1.6
Kilrush	2,699	0	1	1	0.4
Kinsale	2,257	1	4	5	2.2
Lismore	788	0	0	0	0.0
Listowel	3,589	0	4	4	1.1
Loughrea	4,004	1	9	10	2.5
Macroom	2,836	0	9	9	3.2
Midleton	3,798	0	9	9	2.4
Mountmellick	2,525	0	3	3	1.2
Muine Bheag	2,540	0	1	1	0.4
Navan	3,406	1	16	17	5.0
Newcastle	4,017	0	8	8	2.0
NewRoss	4,810	0	4	4	0.8
Passage West	4,184	0	1	1	0.2
Portlaoise	3,482	0	11	11	3.2
Rathkeale	1,362	1	2	3	2.2
Roscommon	4,489	0	6	6	1.3
Skibbereen.	2,000	0	3	3	1.5

Table 50 Fatal and Injury Collisions in Towns (continued).

Towns under 50,000 population (2002) with Legally Defined Boundaries Towns under 5,000 pop.	Population (2002)	Collisions 2003			Collisions per 1,000 population in 2003
		Fatal	Personal Injury	Total	
Templemore	2,159	0	3	3	1.4
Tipperary	4,546	1	5	6	1.3
Trim	1,447	0	3	3	2.1
Tuam	3,104	0	9	9	2.9
Tullow	2,417	0	1	1	0.4

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	Rate per 10 ⁶ Veh. Km*
	F	SI	MI	Total	F	SI	MI	Total		
N1	0	2	26	28	5	5	32	42	70	0.08
N2	1	6	26	33	6	9	39	54	87	0.18
N3	0	1	15	16	5	9	28	42	58	0.08
N4	1	1	33	35	4	10	53	67	102	0.09
N5	1	5	13	19	2	6	21	29	48	0.16
N6	2	0	24	26	5	9	34	48	74	0.11
N7	2	2	23	27	8	11	38	57	84	0.06
N8	1	5	15	21	7	6	26	39	60	0.08
N9	1	0	7	8	2	5	13	20	28	0.06
N10	0	0	4	4	0	3	2	5	9	0.08
N11	0	7	43	50	4	4	29	37	87	0.09
N12	0	0	0	0	0	0	1	1	1	0.05
N13	0	0	4	4	2	0	6	8	12	0.08
N14	0	2	4	6	1	1	14	16	22	0.38
N15	1	2	12	15	1	14	15	30	45	0.17
N16	0	0	0	0	0	2	9	11	11	0.22
N17	0	0	4	4	3	1	22	26	30	0.08
N18	1	3	10	14	0	2	16	18	32	0.06
N19	0	0	2	2				0	2	0.04
N20	0	1	12	13	0	2	12	14	27	0.05
N21	0	1	7	8	1	4	7	12	20	0.07
N22	1	2	20	23	1	4	13	18	41	0.11
N23	0	0	1	1	0	0	4	4	5	0.24
N24	0	0	12	12	4	0	15	19	31	0.08
N25	0	2	14	16	4	10	39	53	69	0.07
N26	0	0	1	1	0	0	3	3	4	0.07
N27	0	0	1	1	1	0	2	3	4	0.06
N28	0	0	5	5	0	0	2	2	7	0.11
N29	0	0	0	0	0	0	0	0	0	0.00
N30	0	0	0	0	0	2	9	11	11	0.18
N31	0	0	1	1	0	0	0	0	1	0.02
N32	0	0	1	1	0	0	0	0	1	0.02
N33	0	0	0	0	0	0	0	0	0	0.00
M50	0	0	6	6	3	0	14	17	23	0.03
TOTAL	12	42	346	400	69	119	518	706	1,106	0.09

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

National Route	Inside Built-up Areas				Outside Built-up Areas				Overall Total	Rate per 10 ⁶ Veh. Km*
	F	SI	MI	Total	F	SI	MI	Total		
N51	0	0	2	2	1	0	4	5	7	0.09
N52	1	1	20	22	3	6	13	22	44	0.11
N53	0	0	6	6	0	2	5	7	13	0.29
N54	0	0	3	3	1	0	4	5	8	0.13
N55	0	0	3	3	1	3	7	11	14	0.12
N56	0	1	7	8	3	8	13	24	32	0.12
N58	0	0	0	0	0	0	1	1	1	0.07
N59	0	1	5	6	1	3	13	17	23	0.06
N60	0	2	2	4	2	2	10	14	18	0.12
N61	0	1	4	5	1	3	4	8	13	0.11
N62	0	0	6	6	3	0	11	14	20	0.13
N63	1	0	4	5	0	2	10	12	17	0.13
N65	0	0	0	0	0	2	2	4	4	0.09
N66	0	0	0	0	0	0	4	4	4	0.14
N67	0	1	3	4	0	2	5	7	11	0.08
N68	1	0	1	2	0	0	4	4	6	0.08
N69	0	2	9	11	2	4	11	17	28	0.13
N70	0	0	1	1	0	1	7	8	9	0.05
N71	0	1	19	20	0	3	27	30	50	0.11
N72	0	0	5	5	6	4	20	30	35	0.14
N73	0	0	0	0	0	1	2	3	3	0.08
N74	0	0	0	0	2	0	2	4	4	0.16
N75	0	0	2	2	0	0	0	0	2	0.14
N76	0	0	0	0	1	0	4	5	5	0.05
N77	0	0	1	1	0	1	2	3	4	0.06
N78	0	1	4	5	2	2	6	10	15	0.14
N80	1	3	12	16	1	4	17	22	38	0.14
N81	2	1	16	19	2	7	25	34	53	0.19
N82	0	0	0	0	0	0	1	1	1	0.10
N83	0	0	1	1	0	1	2	3	4	0.10
N84	0	0	3	3	5	0	6	11	14	0.10
N85	0	0	1	1	0	0	3	3	4	0.08
N86	0	0	0	0	1	1	3	5	5	0.05
N87	1	0	0	1	0	2	4	6	7	0.24
TOTAL	7	15	140	162	38	64	252	354	516	0.11
OVERALL TOTAL	19	57	486	562	107	183	770	1,060	1,622	0.10

**Based on 2003 Veh. Km estimates*

Note: Collisions omitted when speed limit is unknown

Table 52 Material Damage Collisions Classified by Month and by County

2003													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Carlow	21	17	13	15	15	15	27	10	11	21	21	15	201
Cavan	21	34	33	37	37	36	34	28	33	42	48	35	418
Clare	18	12	19	15	22	20	19	17	21	22	24	21	230
Cork	210	244	220	227	211	204	208	213	252	247	251	238	2,725
Donegal	60	51	35	35	40	32	49	52	53	51	48	37	543
Dublin	374	396	371	374	461	383	337	336	335	414	359	361	4,501
Galway	82	70	59	81	78	71	61	81	61	62	43	45	794
Kerry	35	32	23	34	27	34	26	28	35	18	30	18	340
Kildare	53	79	53	42	62	50	43	40	56	69	53	55	655
Kilkenny	26	45	38	28	45	35	29	21	31	37	39	41	415
Laois	14	36	23	24	21	32	19	21	30	21	35	30	306
Leitrim	10	6	4	3	6	4	4	6	3	7	1	4	58
Limerick	117	134	107	96	136	107	86	80	127	129	139	125	1,383
Longford	14	17	16	16	13	12	27	14	14	20	18	17	198
Louth	34	32	49	40	55	38	39	32	29	59	65	60	532
Mayo	24	21	37	36	29	32	31	32	47	41	34	36	400
Meath	40	31	24	37	41	40	29	38	32	50	49	26	437
Monaghan	14	23	23	21	39	22	27	22	32	28	27	24	302
Offaly	18	25	24	19	19	10	12	17	13	16	16	14	203
Roscommon	28	33	13	19	26	24	27	29	29	23	26	24	301
Sligo	15	24	19	27	32	23	30	3	56	65	44	27	365
Tipp N	14	26	23	29	16	20	15	8	14	26	27	31	249
Tipp S	16	26	28	27	20	23	34	22	28	33	41	36	334
Waterford	49	67	47	57	51	57	48	54	63	45	76	53	667
Westmeath	20	27	43	39	41	25	39	30	27	32	41	26	390
Wexford	56	57	52	61	55	56	63	37	64	54	64	51	670
Wicklow	30	35	15	26	24	27	41	22	19	23	24	27	313
TOTAL	1,413	1,600	1,411	1,465	1,622	1,432	1,404	1,293	1,515	1,655	1,643	1,477	17,930

Table 53: International Comparisons

	Number of Road Deaths¹ 2002	Rate per billion Vehicle kilometers 2002	Road Deaths per 100,000 Population 2002
E.U. Countries			
Austria	956	12.3	11.9
Belgium	1,486 ^a	16.3 ^a	14.5 ^a
Denmark	463	9.2 ^a	8.6
Finland	415	8.5	8.0
France	7,655	13.8	12.9
Germany	6,842	11.1	8.3
Greece	2,037 ^b	26.7 ^d	19.3 ^b
Ireland	376	10.9 ^a	9.6
Italy	6,736	-	11.7
Luxembourg	62	-	14.0
Netherlands	987	7.6	6.1
Portugal	1,675	-	16.1
Spain	5,347	-	13.2
Sweden	532	8.3 ^c	6.0
United Kingdom	3,581	7.5 ^d	6.1
Other Countries			
Australia	1,723	9.0	8.8
Japan	9,575	12.1	7.5
Norway	312	8.3 ^a	6.9
Switzerland	513	8.4	7.1
U.S.A.	42,815	9.4 ^a	14.9

(a) 2001 data; (b) 2000 data; (c) 1999 data; (d) 1998 data

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

(Sources: IRTAD - International Road Traffic and Accident Database)