

Pedestrians Road Safety

Overview

According to the World Health Organization, the World Bank, the FIA Foundation for the Automobile and Society and the Global Road Safety Partnership collaborative report on road traffic injury prevention 2013, pedestrians globally constitute 22% of all road traffic fatalities, and in some countries this proportion is as high as two thirds of all road traffic deaths¹.

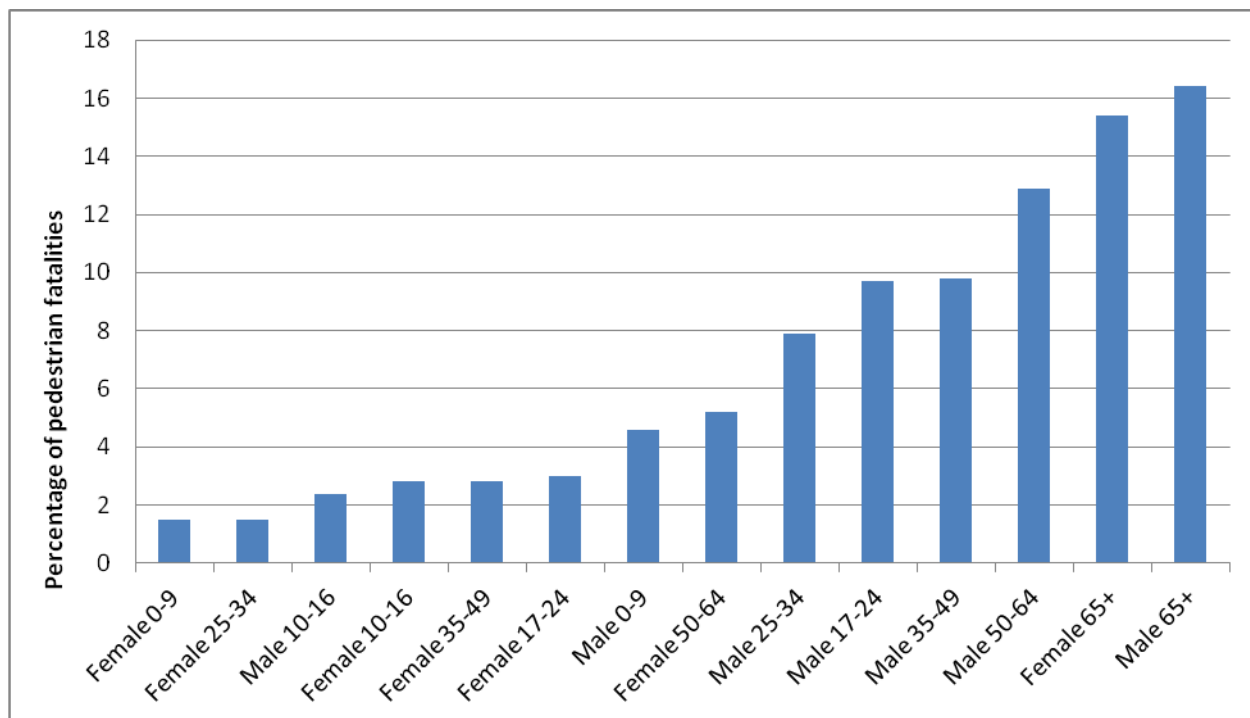
In the Republic of Ireland, pedestrians make up 20% (745 deaths) of all road traffic fatalities over the period 2001-2012. Additional 1,566 pedestrians were seriously injured in the same period. Most pedestrian deaths occurred when pedestrians were crossing the road (32%). There were 28 pedestrian road fatalities in 2012. This represents a decrease of 68.9% on 2001.

Key facts:

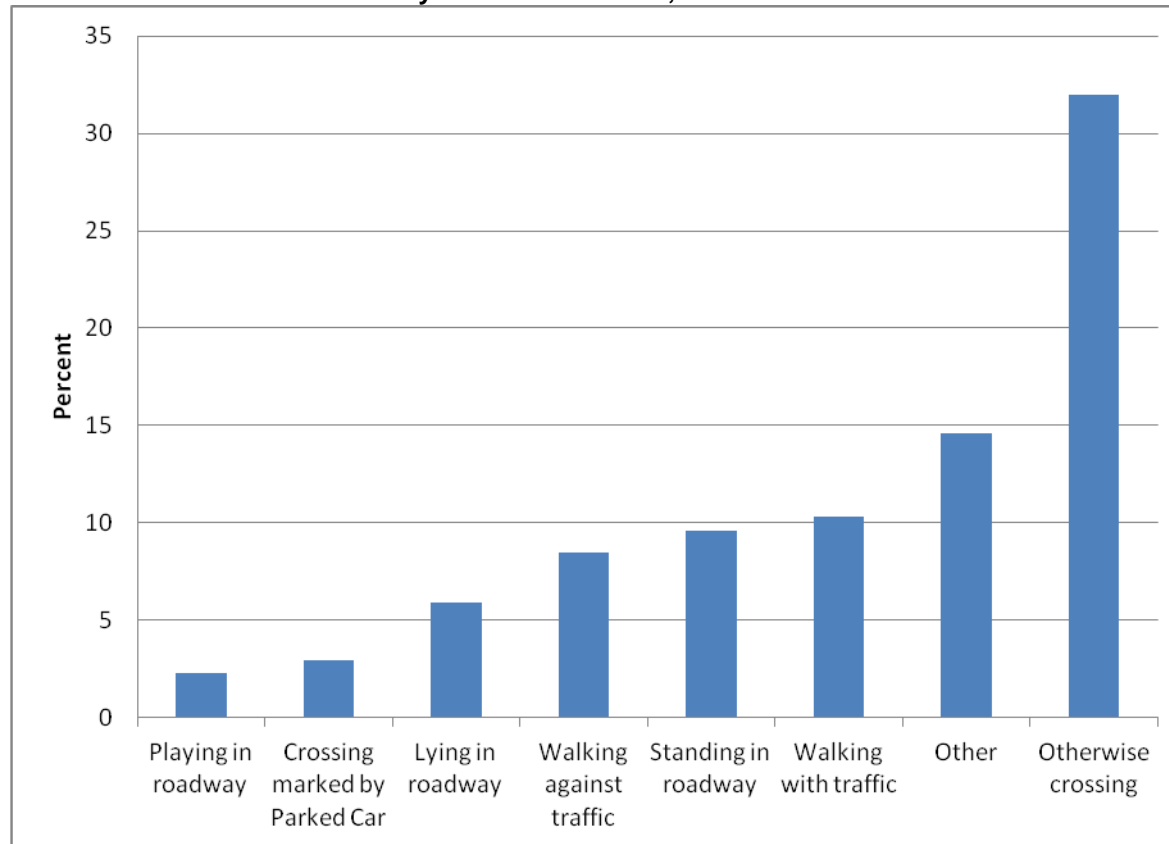
- 55% of pedestrians killed were in urban areas
- 58% of pedestrians killed were hit by private cars.
- 16% of pedestrians killed were hit by heavy goods vehicle.
- 26% of the pedestrians were killed between the hours of 17:00 to 20:59
- 32% of pedestrians killed were otherwise crossing the road
- About 37% of the pedestrians were killed on Sunday and Friday.
- 32% of pedestrians killed were aged 65 and over.
- 13% of pedestrians were killed on dark roads with no lighting in rural areas.
- Almost 17% of pedestrians killed were crossing road in the hours of darkness
- 3% of pedestrians killed were coming from or going to pub/hotel
- 49% of pedestrians killed were to or from other leisure

¹<http://www.who.int/roadsafety/projects/manuals/pedestrian/en/>

Who are killed as pedestrians? 2001-2012



Pedestrian fatalities Classified by Pedestrian Action, 2001-2011



Who are killed and seriously injured as pedestrians?

ALL PEDESTRIAN DEATHS BY AGE & GENDER

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012*	Total	%
Female 0-9	1	2	1	1	0	2	1	1	1	0	0	1	11	1.5
Female 10-16	3	3	1	0	5	2	0	2	2	1	2	0	21	2.8
Female 17-24	6	2	1	3	1	2	3	3	0	1	0	0	22	3.0
Female 25-34	1	2	1	1	2	0	0	2	2	0	0	0	11	1.5
Female 35-49	3	1	1	2	1	1	3	1	1	2	4	1	21	2.8
Female 50-64	5	6	5	4	4	0	5	2	1	4	2	1	39	5.2
Female 65+	8	13	11	17	8	15	16	6	7	4	6	4	115	15.4
Female age unknown	2	0	1	0	0	0	0	0	0	0	0	1	4	0.5
Male 0-9	6	3	5	1	4	3	0	3	4	3	1	1	34	4.6
Male 10-16	1	2	0	1	5	0	4	3	0	0	1	1	18	2.4
Male 17-24	9	7	4	3	12	8	9	6	4	5	5	0	72	9.7
Male 25-34	12	9	3	5	4	6	3	2	3	3	7	2	59	7.9
Male 35-49	3	9	7	7	4	8	9	5	3	8	7	3	73	9.8
Male 50-64	11	11	9	9	9	9	10	6	9	7	3	3	96	12.9
Male 65+	14	11	11	11	12	14	16	6	3	6	9	9	122	16.4

Male age unknown	4	3	1	1	1	0	1	0	0	0	0	0	11	1.5
Gender unknown	0	2	2	4	2	3	1	1	0	0	0	1	16	2.1
Total	89	86	64	70	74	73	81	49	40	44	47	28	745	100

*provisional figures

ALL PEDESTRIANS KILLED / SERIOUS INJURIES BY AGE & GENDER, 2001-2012

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012*	Total	%
Female 0-9	8	5	5	5	6	4	7	5	4	7	5	4	65	2.8
Female 10-16	13	10	10	8	9	4	9	6	6	5	4	0	84	3.6
Female 17-24	11	16	9	12	11	5	15	7	4	7	3	3	103	4.5
Female 25-34	5	10	5	8	13	6	5	7	5	6	2	4	76	3.3
Female 35-49	10	4	4	10	8	5	10	9	5	7	9	5	86	3.7
Female 50-64	10	11	15	8	10	13	13	10	6	10	6	2	114	4.9
Female 65+	23	29	24	29	21	29	28	26	17	10	19	21	276	11.9
Female age unknown	18	2	2	0	2	4	2	2	0	2	1	2	37	1.6
Male 0-9	19	22	16	6	13	13	8	16	11	8	7	11	150	6.5
Male 10-16	8	12	8	9	18	8	10	10	6	4	6	7	106	4.6
Male 17-24	20	31	26	21	24	24	29	22	15	13	13	10	248	10.7

Male 25-34	18	18	21	16	20	15	19	13	17	10	20	12	199	8.6
Male 35-49	16	21	15	19	17	26	20	17	13	18	18	11	211	9.1
Male 50-64	18	21	19	18	24	18	20	14	24	16	14	7	213	9.2
Male 65+	21	25	22	18	24	20	26	17	9	9	12	14	217	9.4
Male age unknown	32	10	7	2	5	3	3	3	1	0	0	0	66	2.9
Gender unknown	6	18	9	5	6	10	3	2	0	0	0	1	60	2.6
Total	256	265	217	194	231	207	227	186	143	132	139	114	2311	100

*provisional figures

PEDESTRIAN TRIP PURPOSE

ALL PEDESTRIAN DEATHS BY TRIP PURPOSE*, 2001-2011

Year	Trip purpose of Pedestrian							Total
	To/from work	To/from school	To/from shopping	To/from home	To/from pub/hotel	Other leisure	Not known	
2001	4	2	5	17	6	31	5	70
2002	2	1	7	13	0	31	4	58
2003	4	0	2	10	2	22	5	45
2004	1	0	6	11	1	23	5	47
2005	4	2	1	6	1	23	8	45
2006	2	0	0	9	2	28	6	47
2007	0	0	3	3	0	21	5	32
2008	2	2	1	4	2	12	7	30
2009	0	0	2	5	1	15	16	39
2010	1	0	0	6	0	12	16	35
2011	3	1	0	5	0	13	4	26
Total	23	8	27	89	15	231	81	474
Percent	5%	2%	6%	19%	3%	49%	17%	100%

*where stated

ALL PEDESTRIANS KILLED / SERIOUS INJURIES BY TRIP PURPOSE*, 2001-2011

Year	Trip purpose of Pedestrian								Total
	To/from work	To/from school	To/from shopping	To/from home	To/from pub/hotel	Other leisure	Not known	To/from match	
2001	10	7	15	43	14	82	8	1	180
2002	4	7	8	23	4	98	10	0	154
2003	11	5	7	18	5	69	14	0	129
2004	5	3	9	23	3	66	8	0	117
2005	10	9	5	16	2	63	13	0	118
2006	4	1	3	24	3	52	17	0	104
2007	8	3	6	6	1	53	6	1	84
2008	6	4	4	12	4	51	17	0	98
2009	2	0	3	10	2	37	28	0	82
2010	4	1	0	11	1	37	30	0	84
2011	6	3	2	10	0	45	9	0	75
Total	70	43	62	196	39	653	160	2	1225
Percent	6%	4%	5%	16%	3%	53%	13%	0%	100%

*where stated

What happens in a pedestrian collision?

Pedestrian Casualties Classified by Pedestrian Action, Age of Pedestrian and by Darkness or Daylight, 2001-2011*

	Age					
Pedestrian						
Action	0-14		15-64		65 & over	
Daylight	Killed	Seriously Injured	Killed	Seriously Injured	Killed	Seriously Injured
Crossing masked by Parked Car	7	38	2	16	7	10
Otherwise crossing	10	68	31	114	66	64
Walking with traffic	0	4	12	18	8	9
Walking against traffic	1	4	9	19	7	4
Standing in roadway	1	4	6	18	6	9
Playing in roadway	10	35	0	3	0	0
Lying on roadway	2	2	1	2	1	0
Other	12	35	21	75	17	19
Unknown	8	23	20	55	14	28
TOTAL	51	213	102	320	126	143

Darkness	0-14		15-64		65 & over	
Crossing masked by Parked Car	0	9	3	19	2	6
Otherwise crossing	9	14	56	159	52	62
Walking with traffic	1	1	41	35	6	6
Walking against traffic	1	1	33	37	7	3
Standing in roadway	1	3	46	74	7	3
Playing in roadway	2	8	4	2	0	0
Lying on roadway	0	0	35	20	3	0
Other	1	10	35	97	15	5
Unknown	2	7	45	103	9	10
TOTAL	17	53	298	546	101	95
OVERALL TOTAL	68	266	400	866	227	238

*Casualty omitted when age is unknown

Pedestrian Casualties Classified by Pedestrian Action, 2001-2011

		Severity		Total
		Killed	Serious Injured	
Pedestrian Action	Crossing marked by Parked Car	21	102	123
	Otherwise crossing	226	504	730
	Walking with traffic	73	76	149
	Walking against traffic	60	70	130
	Standing in roadway	68	119	187
	Playing in roadway	16	48	64
	Lying in roadway	42	25	67
	Other	103	269	372
	Unknown	98	226	324
	Total	707	1439	2146

Pedestrian Casualties Classified by Light Condition and by Location Type, 2001-2011

Area			Severity		Total
			Killed	Serious Injured	
Built-up	Light Conditions	Daylight good visibility	220	615	835
		Daylight poor visibility	19	37	56
		Dark road well-lighted	90	330	420
		Dark road poorly-lighted	75	185	260
		Dark unlit lighting	6	13	19
		Dark no lighting	99	78	177
		Unknown	2	15	17
		Not stated	8	17	25
	Total		519	1290	1809
Rural	Light Conditions	Daylight good visibility	35	71	106
		Daylight poor visibility	8	5	13
		Dark road well-lighted	12	20	32
		Dark road poorly-lighted	28	28	56
		Dark unlit lighting	10	3	13
		Dark no lighting	93	58	151
		Unknown	3	1	4
		Not stated	2	4	6
	Total		191	190	381

Vehicles involved in pedestrian fatalities

Vehicles involved in pedestrian fatalities, 2001-2011

Year	Motorcycle	Private car	Van	Taxi	Hackney car	P.S.V. (minibus)	P.S.V. (bus)	Goods, not over 2 tons, unladen	Goods, over 2 tone, rigid	Goods, rigid + trailer	Goods, artic with semi trailer	Other	Artic, tractor only	Pedal cycle	Total
2001	4	52	8	1	2	1	2	3	7	1	4	2	1	0	88
2002	3	52	8	0	2	1	1	0	5	0	5	7	0	1	85
2003	0	36	2	0	2	0	2	4	6	1	3	6	1	0	63
2004	2	28	6	2	0	1	5	0	3	3	5	6	4	0	65
2005	3	43	4	1	1	0	2	0	3	1	3	4	3	0	68
2006	0	42	6	3	1	0	1	0	4	1	2	7	3	0	70
2007	1	47	11	2	1	0	3	0	3	1	5	1	2	0	77
2008	0	26	7	2	1	0	1	0	3	0	2	3	3	0	48
2009	0	26	4	1	0	0	2	0	3	0	2	0	0	0	38
2010	0	26	7	2	0	1	1	0	3	0	1	3	0	0	44
2011	1	26	3	4	0	0	1	0	5	0	4	2	0	0	46
Total	14	404	66	18	10	4	21	7	45	8	36	41	17	1	692
Percent	2%	58%	10%	3%	1%	1%	3%	1%	7%	1%	5%	6%	2%	0%	100%

Vehicles involved in pedestrian KSI, 2001-2011

Year	Motorcycle	Private car	Van	Taxi	Hackney car	P.S.V. (minibus)	P.S.V. (bus)	Goods, not over 2 tons, unladen	Goods, over 2 tons, rigid	Goods, rigid + trailer	Goods, artic with semi trailer	Other	Artic, tractor only	Pedal cycle	Total
2001	18	164	15	7	5	3	7	6	10	2	6	5	1	0	249
2002	13	164	25	3	2	2	6	4	7	0	8	18	3	1	256
2003	3	139	14	3	2	0	5	7	8	2	7	14	3	1	208
2004	10	99	17	7	2	1	12	0	4	4	6	17	7	0	186
2005	12	144	16	7	2	1	7	2	5	1	6	8	5	0	216
2006	2	128	16	6	3	1	4	0	9	2	6	12	5	1	195
2007	4	148	19	5	3	0	7	1	7	2	8	7	4	3	218
2008	1	116	19	11	4	0	4	2	5	3	2	7	3	2	179
2009	2	103	15	5	0	0	5	0	3	1	2	1	0	0	137
2010	2	79	14	9	0	1	3	0	6	1	3	9	0	1	128
2011	5	81	18	9	0	1	3	0	7	0	4	4	0	0	132
Total	72	1365	188	72	23	10	63	22	71	18	58	102	31	9	2104
Percent	3%	65%	9%	3%	1%	0%	3%	1%	3%	1%	3%	5%	1%	0%	100%

When do pedestrian collisions occur?

ALL PEDESTRIAN DEATHS BY HOUR OF DAY, 2001-2012

Hour	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012*	Total	%
12 Midnight	4	6	2	0	1	2	0	4	2	2	1	2	26	3.5
1	4	7	7	4	3	3	6	3	0	2	3	1	43	5.8
2	6	5	3	3	6	4	3	3	5	2	1	1	42	5.6
3	5	8	2	1	3	1	4	2	1	2	2	1	32	4.3
4	2	3	1	1	3	7	2	1	1	4	2	0	27	3.6
5	3	0	0	2	1	1	4	0	1	3	1	0	16	2.1
6	0	0	2	0	0	0	0	0	1	1	1	0	5	0.7
7	1	2	3	0	1	2	4	1	2	0	3	0	19	2.6
8	1	2	0	2	3	3	0	5	1	1	0	0	18	2.4
9	2	2	3	3	3	2	4	0	1	0	2	1	23	3.1
10	1	4	4	4	2	1	2	3	1	2	1	0	25	3.4
11	3	5	2	5	1	1	2	4	0	3	2	2	30	4.0
12	2	4	6	7	6	1	4	3	2	1	0	2	38	5.1
13	3	0	2	6	1	2	2	3	1	4	1	2	27	3.6
14	5	3	2	1	2	4	3	4	2	0	2	1	29	3.9

15	4	5	2	0	5	3	1	0	2	1	2	1	26	3.5
16	5	3	4	2	4	4	1	1	1	0	4	1	30	4.0
17	7	6	6	7	5	4	9	2	6	1	4	4	61	8.2
18	6	2	1	4	3	6	9	1	2	2	1	4	41	5.5
19	4	4	2	4	7	6	4	3	3	4	2	3	46	6.2
20	9	7	4	2	5	2	6	4	1	3	3	0	46	6.2
21	4	3	4	4	5	6	3	2	0	2	3	1	37	5.0
22	4	4	0	3	4	3	7	0	2	1	2	1	31	4.2
23	4	1	1	3	0	5	1	0	2	3	4	0	24	3.2
Unknown	0	0	1	2	0	0	0	0	0	2	1	0	6	0.8
Total	89	86	64	70	74	73	81	49	40	44	47	28	745	100

*provisional figures

ALL PEDESTRIANS KILLED / SERIOUS INJURIES BY HOUR OF DAY

Hour	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012*	Total	%
12 Midnight	10	14	11	7	15	11	4	6	5	3	3	7	96	4.2
1	10	15	14	13	10	9	8	11	7	2	3	6	108	4.7
2	20	14	8	8	12	10	9	6	7	6	7	9	116	5.0
3	11	22	6	8	10	9	10	7	8	6	5	3	105	4.5
4	4	6	5	3	5	8	6	6	4	8	3	1	59	2.6
5	3	2	2	2	1	3	5	2	2	4	3	2	31	1.3
6	0	0	4	1	2	1	3	2	3	3	3	1	23	1.0
7	3	3	5	1	4	4	8	4	3	2	5	0	42	1.8
8	4	7	3	6	9	5	6	6	4	2	3	0	55	2.4
9	5	9	7	4	5	3	12	6	4	4	7	5	71	3.1
10	5	7	9	6	5	8	7	10	4	4	5	3	73	3.2
11	11	14	8	13	6	5	6	6	4	5	6	6	90	3.9
12	12	9	10	9	16	7	11	10	7	4	5	6	106	4.6
13	8	3	11	12	6	9	6	6	5	14	5	3	88	3.8
14	14	7	9	10	12	14	11	11	7	4	5	8	112	4.8
15	14	13	9	9	12	9	8	11	4	5	6	4	104	4.5

16	13	17	15	8	13	9	11	11	6	4	10	5	122	5.3
17	19	21	16	13	12	12	21	14	15	10	11	13	177	7.7
18	27	14	15	16	15	17	18	10	8	8	7	10	165	7.1
19	14	21	15	12	20	21	18	9	12	8	10	12	172	7.4
20	15	16	13	8	11	10	12	13	8	13	8	6	133	5.8
21	9	10	9	6	13	11	9	12	7	4	9	1	100	4.3
22	9	11	3	5	8	4	12	2	5	4	5	2	70	3.0
23	15	8	6	9	9	8	6	5	4	5	5	1	81	3.5
Unknown	1	2	4	5	0	0	0	0	0	0	0	0	12	0.5
Total	256	265	217	194	231	207	227	186	143	132	139	114	2311	100

*provisional figures

ALL PEDESTRIAN DEATHS BY WEEK DAY, 2001-2012

Day of Week	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012*	Total	%
Sunday	13	14	14	9	18	15	19	8	11	11	3	5	140	18.8
Monday	14	13	11	6	3	9	6	5	5	2	9	3	86	11.5
Tuesday	12	8	3	6	10	4	11	4	5	5	7	6	81	10.9
Wednesday	11	12	7	12	4	10	14	7	5	3	9	7	101	13.6
Thursday	7	13	6	9	11	10	10	8	4	4	6	2	90	12.1

Friday	15	14	17	15	13	12	11	5	7	11	10	3	133	17.9
Saturday	17	12	6	13	15	13	10	12	3	8	3	2	114	15.3
Total	89	86	64	70	74	73	81	49	40	44	47	28	745	100.0

*provisional figures

ALL PEDESTRIAN KILLED / SERIOUS INJURIES BY WEEK DAY, 2001-2012

Day of Week	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012*	Total	%
Sunday	41	44	45	29	46	42	47	27	27	29	15	25	417	18.0
Monday	38	33	33	18	24	25	27	25	20	12	25	11	291	12.6
Tuesday	30	29	15	16	27	15	22	22	12	22	18	16	244	10.6
Wednesday	27	36	31	24	20	23	35	29	18	16	22	21	302	13.1
Thursday	29	33	23	29	29	31	29	21	21	12	19	12	288	12.5
Friday	40	45	39	34	38	36	35	26	24	19	26	13	375	16.2
Saturday	51	45	31	44	47	35	32	36	21	22	14	16	394	17.0
Total	256	265	217	194	231	207	227	186	143	132	139	114	2311	100.0

: ALL PEDESTRIAN DEATHS BY MONTH

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012*	Total	%
January	7	6	7	5	4	11	8	5	5	5	6	3	72	9.7

February	10	12	6	14	6	6	11	4	1	5	5	2	82	11.0
March	5	10	7	3	5	5	8	3	4	5	4	3	62	8.3
April	1	4	6	3	6	4	3	2	1	5	1	3	39	5.2
May	11	6	4	5	6	6	4	2	6	3	2	0	55	7.4
June	5	9	5	2	5	2	4	5	3	1	2	4	47	6.3
July	7	7	1	5	3	5	7	5	3	2	4	0	49	6.6
August	2	7	3	4	1	4	4	5	3	0	3	2	38	5.1
September	13	8	5	4	4	5	8	4	1	2	4	1	59	7.9
October	9	5	9	4	7	7	9	3	7	10	3	4	77	10.3
November	8	10	6	9	12	8	7	4	4	4	6	1	79	10.6
December	11	2	5	12	15	10	8	7	2	2	7	5	86	11.5
Total	89	86	64	70	74	73	81	49	40	44	47	28	745	100

*provisional figures

ALL PEDESTRIANS KILLED / SERIOUS INJURIES BY MONTH, 1996-2009

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012*	Total	%
January	29	24	22	20	15	24	22	18	22	9	18	14	237	10.3
February	22	28	18	23	26	13	23	22	14	14	15	9	227	9.8
March	12	30	21	14	16	13	20	15	6	15	13	8	183	7.9
April	16	18	13	11	19	11	11	7	6	9	8	9	138	6.0
May	29	22	13	18	23	15	11	13	17	10	9	11	191	8.3
June	20	27	15	12	12	11	16	16	5	12	13	9	168	7.3
July	25	15	18	14	13	15	20	8	8	5	5	10	156	6.8
August	8	15	12	16	19	16	9	16	10	9	12	11	153	6.6
September	27	18	15	9	11	15	24	17	6	10	8	8	168	7.3
October	24	24	31	13	18	22	23	15	15	21	9	11	226	9.8
November	17	27	21	19	29	24	23	17	15	13	16	7	228	9.9
December	27	17	18	25	30	28	25	22	19	5	13	7	236	10.2
Total	256	265	217	194	231	207	227	186	143	132	139	114	2311	100

*provisional figures

Where do pedestrian collisions occur?

PEDESTRIANS KILLED BY AREAS

Year	Area		Total
	Built-up	Rural	
2001	42	47	89
2002	44	42	86
2003	39	25	64
2004	48	22	70
2005	32	42	74
2006	39	34	73
2007	47	34	81
2008	25	24	49
2009	27	13	40
2010	21	23	44
2011	27	20	47
2012	19	9	28

Total	410	335	745
%	55	45	100

PEDESTRIANS KILLED / SERIOUS INJURIES BY AREAS

Year	Area		Total
	Built-up	Rural	
2001	182	74	256
2002	177	88	265
2003	157	60	217
2004	148	46	194
2005	135	96	231
2006	145	62	207
2007	171	56	227
2008	134	52	186
2009	112	31	143
2010	91	41	132
2011	98	41	139
2012	89	25	114
Total	1639	672	2311
%	71	29	100

