



Transport Statistics Bulletin

Reported Road Casualties in Great Britain
Quarterly Provisional Estimates
Q1 2009

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Symbols and conventions: (i) Unless otherwise stated, all tables refer to Great Britain.
(ii) Metric units are generally used.

Units: Figures are shown in italics when they represent percentages, indices or ratios.

Rounding of figures: In tables where figures have been rounded to the nearest final digit, there may be an apparent slight discrepancy between the sum of the constituent items and the total as shown.

Conversion factors:

1 kilometre = 0.6214 mile	1 tonne = 0.9842 ton
1 tonne-km = 0.6116 ton-mile	1 gallon = 4.546 litres
1 billion = 1,000 million	1 litre = 0.220 gallons

Symbols: The following symbols have been used throughout.

..	= not available	.	= not applicable
-	= Negligible (less than half the final digit shown)	0	= Nil
*	= Sample size too small for reliable estimates.	ow	= of which
{	= subsequent data is disaggregated	}	= subsequent data is aggregated
	= break in the series	P	= provisional data
F	= forecast expenditure	e	= estimated outturn
n.e.s	= not elsewhere specified	TSO	= The Stationery Office

REPORTED ROAD CASUALTIES IN GREAT BRITAIN QUARTERLY PROVISIONAL ESTIMATES FIRST QUARTER 2009

Department for Transport

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¹ Personal injury road accidents and casualties reported to the police.

Introduction

Reported Road Casualties in Great Britain: Quarterly Provisional Estimates is a series providing estimates of personal injury road accidents and their casualties. These estimates are published to allow emerging trends to be monitored between the publications of annual figures. It should be noted that no single quarter's figures should be taken in isolation, especially if they appear to show a change in trend, as there are random fluctuations particularly in the smaller categories of road user.

Figures for 2008 have been revised slightly since the publication of Road Casualties in Great Britain 2008 on 25 June 2009. The number of reported seriously injured casualties has increased by five to 26,034 and the number of slightly injured casualties has increased by 16 to 202,333. An updated version of the Main Results bulletin has been published on the website.

Very few, if any, fatal accidents do not become known to the police. However, research conducted on behalf of the Department in the 1990s has shown that a significant proportion of non-fatal injury accidents are not reported to the police. In addition some casualties reported to the police are not recorded and the severity of injury tends to be underestimated. The Department is undertaking further research to investigate whether the levels of reporting have changed. The most recent work on levels of reporting was published by the Department in an article in Road Casualties Great Britain: 2007 Annual report (pages 66-78), which can be found at:

<http://www.dft.gov.uk/adobepdf/162469/221412/221549/227755/rcgb2007.pdf>

Further work on levels of reporting will be included in an article in Reported Road Casualties Great Britain: 2008 Annual Report, to be published end September 2009.

Estimates are based on information available to the Department for Transport fourteen weeks after the end of the latest quarter. For this release figures are based on information available on 16th July 2009.

Pat Kilbey, Responsible Statistician, Road Safety Statistics

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Key results

Summary figures for 12 months to end of March 2009

Provisional estimates show:

- Reported road casualties were down 8 per cent, and killed or seriously injured casualties were down by 9 per cent, compared with the 12-month period ending March 2008. The number of fatalities fell by 13 per cent over the same period.
- Pedestrians, motorcycle and car user casualties reported to the police showed overall reductions of 8, 9 and 10 per cent respectively, compared with the year ending March 2008. The number of pedestrians killed or seriously injured (KSI) fell by 8 per cent whilst motorcycle and car user KSI casualties fell by 11 and 9 per cent respectively. The total number of reported pedal cycle casualties was almost unchanged but the number killed or seriously injured fell by 2 per cent.
- The overall number of reported child casualties fell by 8 per cent, with those killed or seriously injured falling by 9 per cent compared with the year ending March 2008.
- The number of injury road accidents reported to the police fell by 8 per cent compared with the 12-month period ending March 2008.
- Road traffic was 2 per cent lower, compared with the 12-month period ending March 2008.

Safety strategy

In 2000, the government published a safety strategy in *Tomorrow's Roads Safer for Everyone*. By 2010, the aim is to achieve the following reductions compared with the average for 1994 to 1998:

- 40 per cent reduction in the number of people killed or seriously injured in road accidents reported to the police.
- 10 per cent reduction in the slight casualty rate, expressed as the number of people slightly injured per 100 million vehicle kilometres.
- 50 per cent reduction in the number of children killed or seriously injured.

Provisional estimates for the 12-month period to March 2009 compared with the 1994 to 1998 baseline averages indicate:

- The reported number of people killed or seriously injured was 42 per cent below the baseline.
- The slight casualty rate per 100 million vehicle kilometres was 37 per cent below the baseline.
- The number of children killed or seriously injured in accidents reported to the police was 60 per cent below the baseline.

Tables

First quarter (January to March) 2009

Note

All estimated figures are rounded to the nearest 10. It is not possible at the moment to provide confidence levels for the precision of estimates.

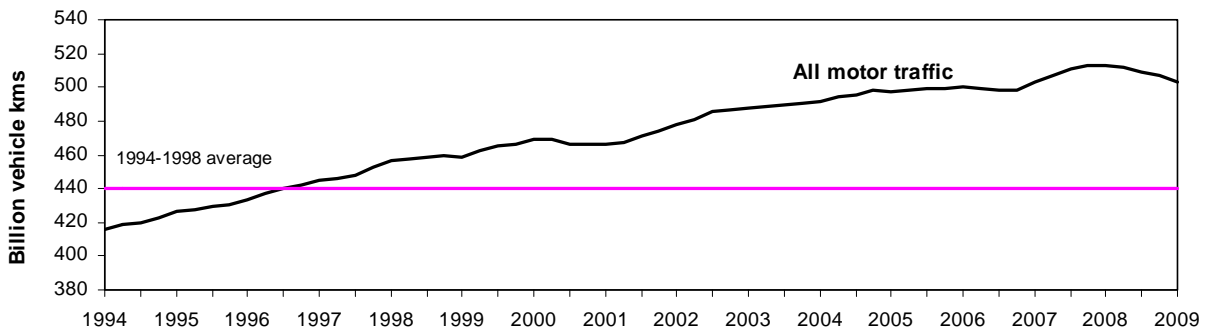
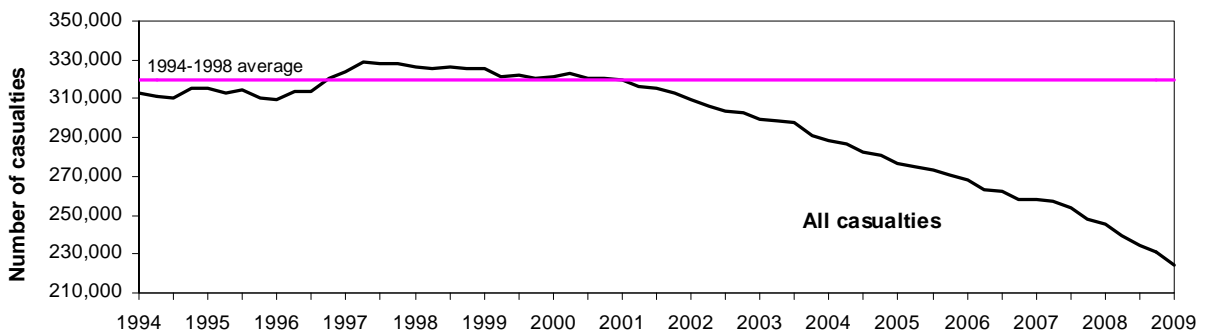
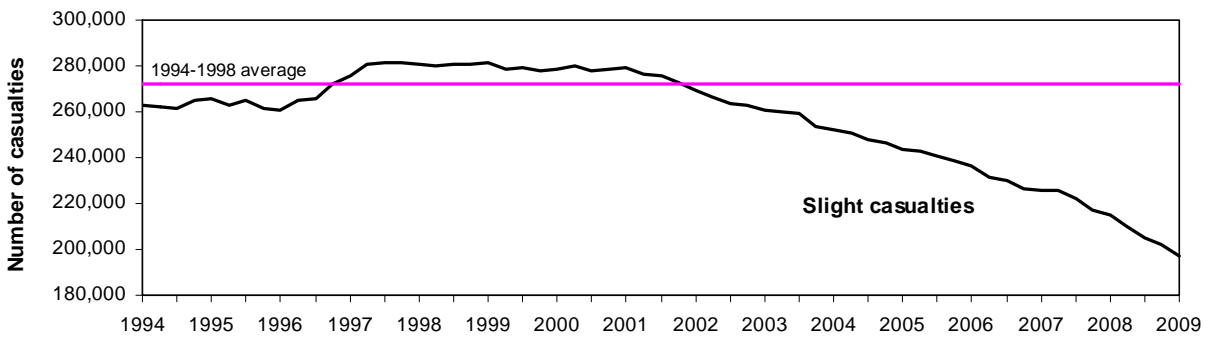
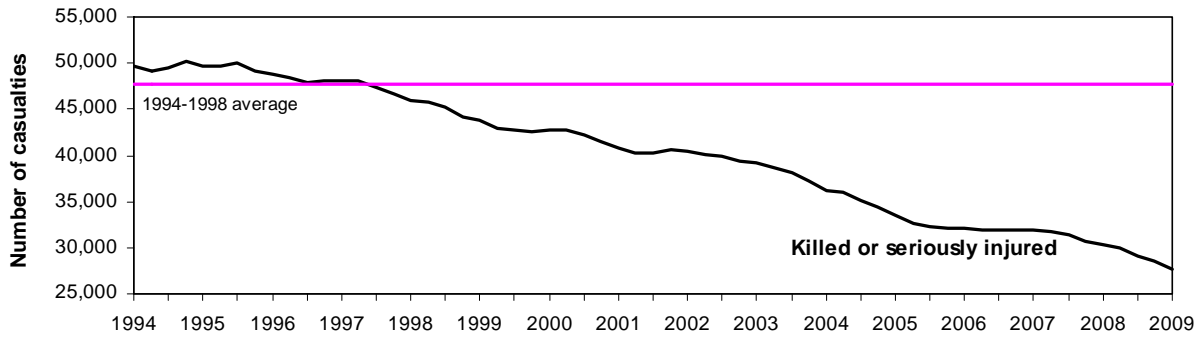
The following symbols have been used throughout:

- .. Not available or not applicable
- Number less than 0.5
- P Provisional estimates (rounded to the nearest 10)

Charts A and B

Figures are plotted at quarterly intervals using rolling four-quarter totals. For example, the figure plotted against second quarter 2008 relates to the period July 2007 to June 2008.

Charts A: Road casualties¹: rolling four quarter totals 1994-2009: GB



1 Casualties from injury road accidents reported to the police

Table 1: Road casualties¹: provisional figures by severity, year ending first quarter 2009: GB

	1994-1998 average A	Apr-07 to Mar-08 B	Apr-08 to Mar-09 (P) C	Percentage change over 1994-1998 average (C-A)/A %	Percentage change over previous 12 months (C-B)/B %	Traffic ² percentage change over previous 12 months
ALL CASUALTIES						
Killed	3,578	2,861	2,490	-30	-13	-2
KSI ³	47,656	30,395	27,740	-42	-9	-2
Slightly injured	272,272	214,868	196,900	-28	-8	-2
All casualties	319,928	245,263	224,640	-30	-8	-2

P Provisional estimates

1 Casualties from injury road accidents reported to the police

2 Motor traffic (excludes pedal cycles)

3 Killed or seriously injured

Table 2: Road casualties¹: provisional figures by severity for the first quarter 2009: GB

	Q1 2008 A	Q1 2009 (P) B	Percentage change (B-A)/A %	Traffic ² percentage change over same period
ALL CASUALTIES				
Killed	598	550	-8	-3
KSI ³	6,808	5,980	-12	-3
Slightly injured	49,658	44,220	-11	-3
All casualties	56,466	50,200	-11	-3

P Provisional estimates

1 Casualties from injury road accidents reported to the police

2 Motor traffic (excludes pedal cycles)

3 Killed or seriously injured

Table 3: Road casualties¹ by severity of casualty: 1999 - 2009: GB

						Number
Year and quarter		Killed	Killed or seriously injured	Slightly injured	All casualties	Motor traffic ² (billion vehicle kilometres)
1994-98 average		3,578	47,656	272,272	319,928	440
1999		3,423	42,545	277,765	320,310	467
2000		3,409	41,564	278,719	320,283	467
2001		3,450	40,560	272,749	313,309	474
2002		3,431	39,407	263,198	302,605	487
2003		3,508	37,215	253,392	290,607	490
2004		3,221	34,351	246,489	280,840	499
2005		3,201	32,155	238,862	271,017	499
2006		3,172	31,845	226,559	258,404	508
2007		2,946	30,720	217,060	247,780	513
2008		2,538	28,572	202,333	230,905	509
2005	Q1	740	7,041	54,996	62,037	118
	Q2	727	8,049	59,498	67,547	127
	Q3	818	8,416	60,200	68,616	130
	Q4	916	8,649	64,168	72,817	124
2006	Q1	697	7,007	52,351	59,358	117
	Q2	743	7,888	54,706	62,594	128
	Q3	838	8,464	58,869	67,333	130
	Q4	894	8,486	60,633	69,119	124
2007	Q1	683	7,133	51,850	58,983	122
	Q2	721	7,742	54,446	62,188	131
	Q3	773	8,110	55,452	63,562	134
	Q4	769	7,735	55,312	63,047	126
2008	Q1	598	6,808	49,658	56,466	122
	Q2	586	7,231	49,606	56,837	130
	Q3	661	7,365	50,464	57,829	131
	Q4	693	7,168	52,605	59,773	125
2009	Q1 (P)	550	5,980	44,220	50,200	118
Change on same quarter of previous year						Percentage
2006	Q1	-6	0	-5	-4	-1
	Q2	2	-2	-8	-7	1
	Q3	2	1	-2	-2	0
	Q4	-2	-2	-6	-5	0
2007	Q1	-2	2	-1	-1	4
	Q2	-3	-2	0	-1	2
	Q3	-8	-4	-6	-6	3
	Q4	-14	-9	-9	-9	2
2008	Q1	-12	-5	-4	-4	0
	Q2	-19	-7	-9	-9	-1
	Q3	-14	-9	-9	-9	-2
	Q4	-10	-7	-5	-5	-1
2009	Q1 (P)	-8	-12	-11	-11	-3

P Provisional estimates

1 Casualties from injury road accidents reported to the police

2 Motor traffic (excludes pedal cycles)

Table 4: Road accidents¹: provisional figures by severity year ending first quarter 2009: GB

Number / percentage change compared to previous 12 months				
	Apr-07 to Mar-08 A	Apr-08 to Mar-09 (P) B	Percentage change (B-A)/A %	Traffic ² percentage change over same period
Fatal	2,643	2,300	-13	-2
Fatal or serious	26,889	24,710	-8	-2
Slight	153,549	141,120	-8	-2
All accidents	180,438	165,830	-8	-2

P Provisional estimates

1 Accidents reported to the police

2 Motor traffic (excludes pedal cycles)

Table 5: Road accidents¹: provisional figures by severity for the first quarter 2009: GB

Number / percentage change compared to same quarter last year				
	Q1 2008 A	Q1 2009 (P) B	Percentage change (B-A)/A %	Traffic ² percentage change over same period
Fatal	553	510	-8	-3
Fatal or serious	6,076	5,320	-12	-3
Slight	35,904	31,890	-11	-3
All accidents	41,980	37,220	-11	-3

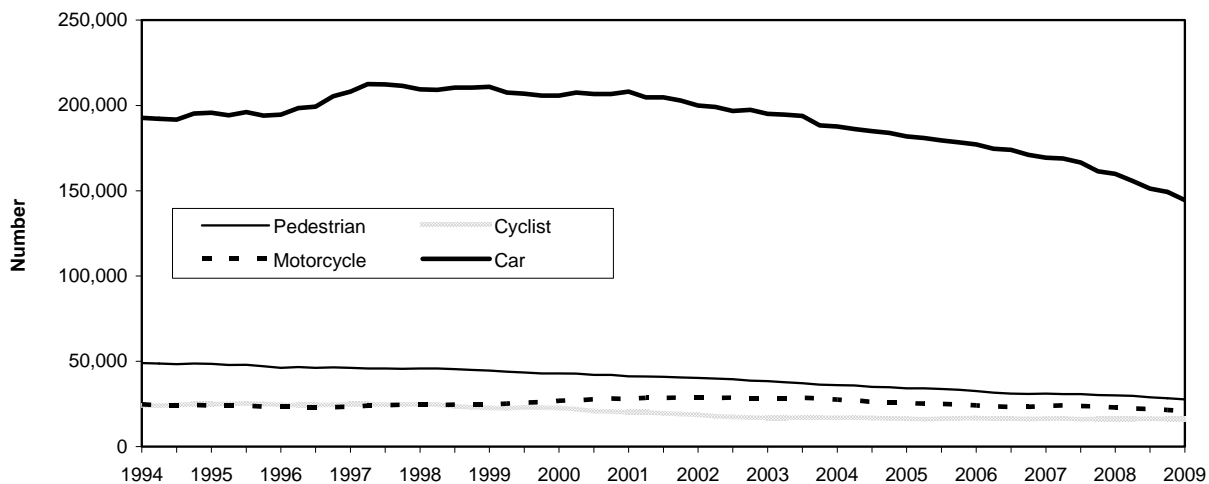
P Provisional estimates

1 Accidents reported to the police

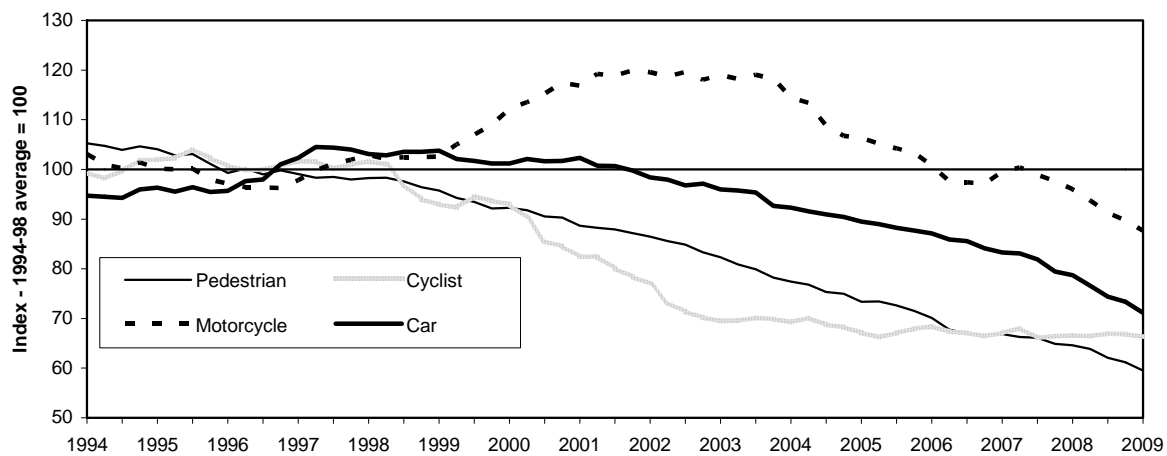
2 Motor traffic (excludes pedal cycles)

Charts B: Road casualties¹: by class of road user 1994-2009: GB

All road casualties¹: Rolling four quarter totals



All road casualties¹: Indices, 1994-1998 average =100



1 Casualties from injury road accidents reported to the police

Table 6: Road casualties¹: provisional figures year ending first quarter 2009: GB

Number / percentage change compared to previous 12 months and 1994-1998 average

	1994-1998 average A	Apr-07 to Mar-08 B	Apr-08 to Mar-09 (P) C	Percentage change over 1994-1998 average (C-A)/A %	Percentage change over previous 12 months (C-B)/B %
ALL CASUALTIES					
Pedestrians					
KSI ²	11,669	6,946	6,370	-45	-8
Slightly injured	34,874	23,129	21,330	-39	-8
All casualties	46,543	30,075	27,700	-40	-8
Pedal cyclists					
KSI ²	3,732	2,595	2,550	-32	-2
Slightly injured	20,653	13,630	13,640	-34	0
All casualties	24,385	16,225	16,180	-34	0
Motorcycle users					
KSI ²	6,475	6,638	5,910	-9	-11
Slightly injured	17,547	16,420	15,150	-14	-8
All casualties	24,023	23,058	21,070	-12	-9
Car users					
KSI ²	23,254	12,796	11,610	-50	-9
Slightly injured	180,034	147,161	132,950	-26	-10
All casualties	203,288	159,957	144,560	-29	-10
All road users ³					
KSI ²	47,656	30,395	27,740	-42	-9
Slightly injured	272,272	214,868	196,900	-28	-8
All casualties	319,928	245,263	224,640	-30	-8
CHILD CASUALTIES⁴					
Pedestrians					
KSI ²	4,167	1,851	1,750	-58	-5
Slightly injured	14,382	7,341	6,730	-53	-8
All casualties	18,548	9,192	8,480	-54	-8
All road users ³					
KSI ²	6,860	3,016	2,750	-60	-9
Slightly injured	37,494	20,409	18,710	-50	-8
All casualties	44,354	23,425	21,470	-52	-8

1 Casualties from injury road accidents reported to the police

2 Killed or seriously injured

3 Includes other vehicle users

4 Casualties under 16 years of age

Table 7: Road casualties¹: provisional figures for the first quarter 2009: GB

Number / percentage change compared to same quarter last year

	Q1 2008	Q1 2009 (P)	Percentage change	Traffic ² percentage change
ALL CASUALTIES				
Pedestrians				..
KSI ³	1,803	1,530	-15	
Slightly injured	5,660	5,150	-9	
All casualties	7,463	6,680	-10	
Pedal cyclists				..
KSI ³	510	490	-4	
Slightly injured	2,689	2,590	-4	
All casualties	3,199	3,080	-4	
Motorcycle users				..
KSI ³	1,125	990	-12	
Slightly injured	3,115	2,770	-11	
All casualties	4,240	3,760	-11	
Car users				-3
KSI ³	3,059	2,700	-12	
Slightly injured	34,877	30,610	-12	
All casualties	37,936	33,300	-12	
All road users ⁴				-3
KSI ³	6,808	5,980	-12	
Slightly injured	49,658	44,220	-11	
All casualties	56,466	50,200	-11	
CHILD CASUALTIES ⁵				
Pedestrians				..
KSI ³	426	390	-8	
Slightly injured	1,644	1,510	-8	
All casualties	2,070	1,900	-8	
All road users ⁴				-3
KSI ³	629	570	-9	
Slightly injured	4,231	3,760	-11	
All casualties	4,860	4,330	-11	

1 Casualties from injury road accidents reported to the police

2 Motor traffic (excludes pedal cycles)

3 Killed or seriously injured

4 Includes other vehicle users

5 Casualties under 16 years of age

Table 8: Road casualties¹ by class of road user: 1999 - 2009: GB

Number

Year and quarter	Pedestrians		Pedal cyclists	Motorcycle users	Car users	All casualties
	All ages	Children ²				
1994-98 average	46,543	18,548	24,385	24,023	203,288	319,928
1999	42,888	16,876	22,840	26,192	205,735	320,310
2000	42,033	16,184	20,612	28,212	206,799	320,283
2001	40,577	15,819	19,114	28,810	202,802	313,309
2002	38,784	14,231	17,107	28,353	197,425	302,605
2003	36,405	12,544	17,033	28,411	188,342	290,607
2004	34,881	12,234	16,648	25,641	183,858	280,840
2005	33,281	11,250	16,561	24,824	178,302	271,017
2006	30,982	10,131	16,196	23,326	171,000	258,404
2007	30,191	9,527	16,195	23,459	161,433	247,780
2008	28,482	8,648	16,297	21,550	149,188	230,905
2005 Q1	8,097	2,658	2,884	4,692	42,273	62,037
2005 Q2	8,549	3,290	4,527	7,006	42,853	67,547
2005 Q3	7,618	2,673	5,249	7,304	43,818	68,616
2005 Q4	9,017	2,629	3,901	5,822	49,358	72,817
2006 Q1	7,442	2,275	3,004	4,060	41,076	59,358
2006 Q2	7,467	2,777	4,274	6,251	40,429	62,594
2006 Q3	7,243	2,444	5,179	7,271	43,025	67,333
2006 Q4	8,830	2,635	3,739	5,744	46,470	69,119
2007 Q1	7,579	2,405	3,169	4,641	39,412	58,983
2007 Q2	7,193	2,511	4,498	6,459	40,028	62,188
2007 Q3	7,154	2,317	4,706	6,917	40,618	63,562
2007 Q4	8,265	2,294	3,822	5,442	41,375	63,047
2008 Q1	7,463	2,070	3,199	4,240	37,936	56,466
2008 Q2	6,835	2,424	4,477	5,907	35,752	56,837
2008 Q3	6,338	2,027	4,826	6,345	36,139	57,829
2008 Q4	7,846	2,127	3,795	5,058	39,361	59,773
2009 Q1 (P)	6,680	1,900	3,080	3,760	33,300	50,200
Change on same quarter of previous year						Percentage
2006 Q1	-8	-14	4	-13	-3	-4
2006 Q2	-13	-16	-6	-11	-6	-7
2006 Q3	-5	-9	-1	0	-2	-2
2006 Q4	-2	0	-4	-1	-6	-5
2007 Q1	2	6	5	14	-4	-1
2007 Q2	-4	-10	5	3	-1	-1
2007 Q3	-1	-5	-9	-5	-6	-6
2007 Q4	-6	-13	2	-5	-11	-9
2008 Q1	-2	-14	1	-9	-4	-4
2008 Q2	-5	-3	0	-9	-11	-9
2008 Q3	-11	-13	3	-8	-11	-9
2008 Q4	-5	-7	-1	-7	-5	-5
2009 Q1 (P)	-10	-8	-4	-11	-12	-11

1 Casualties from injury road accidents reported to the police

2 Casualties under 16 years of age

P Provisional estimates

Table 9: Road accidents¹: provisional figures year ending first quarter 2009: GB

Accidents

	Apr-07 to Mar-08	Apr-08 to Mar-09 (P)	Percentage change	Traffic ² Percentage change
Major Roads				..
Fatal	1,590	1,390	-13	
Fatal or serious	13,486	12,260	-9	
Slight	75,297	69,010	-8	
All accidents	88,783	81,270	-8	
Minor Roads				..
Fatal	1,053	900	-15	
Fatal or serious	13,403	12,450	-7	
Slight	78,252	72,110	-8	
All accidents	91,655	84,560	-8	
Non Built-up Roads				..
Fatal	1,559	1,280	-18	
Fatal or serious	9,584	8,560	-11	
Slight	41,444	35,800	-14	
All accidents	51,028	44,360	-13	
Built-up Roads				..
Fatal	1,084	1,020	-6	
Fatal or serious	17,305	16,150	-7	
Slight	112,105	105,320	-6	
All accidents	129,410	121,470	-6	
All Roads				-2
Fatal	2,643	2,300	-13	
Fatal or serious	26,889	24,710	-8	
Slight	153,549	141,120	-8	
All accidents	180,438	165,830	-8	

1 Accidents reported to the police

2 Motor traffic (excludes pedal cycles)

P Provisional estimates

Table 10: Road accidents¹: provisional figures for the first quarter 2009: GB

Number / percentage change compared to same quarter last year

	Q1 2008	Q1 2009 (P)	Percentage change	Traffic ² Percentage change
Major Roads				..
Fatal	336	320	-5	
Fatal or serious	3,011	2,660	-12	
Slight	17,746	15,270	-14	
All accidents	20,757	17,940	-14	
Minor Roads				..
Fatal	217	190	-12	
Fatal or serious	3,065	2,660	-13	
Slight	18,158	16,620	-8	
All accidents	21,223	19,280	-9	
Non Built-up Roads				..
Fatal	304	260	-14	
Fatal or serious	2,046	1,780	-13	
Slight	9,737	8,150	-16	
All accidents	11,783	9,920	-16	
Built-up Roads				..
Fatal	249	250	0	
Fatal or serious	4,030	3,540	-12	
Slight	26,167	23,750	-9	
All accidents	30,197	27,290	-10	
All Roads				-3
Fatal	553	510	-8	
Fatal or serious	6,076	5,320	-12	
Slight	35,904	31,890	-11	
All accidents	41,980	37,220	-11	

1 Accidents reported to the police

2 Motor traffic (excludes pedal cycles)

P Provisional estimates

Table 11: Road casualties¹: by police force area for the most recent complete 12 months data available to the Department for Transport on the 16 July 2009*

Police force area	Severity of injury			
	Killed	KSI	Slight	All
Year to end March 2009				
Avon and Somerset	68	568	4,847	5,415
Bedfordshire	24	262	1,958	2,220
Cambridgeshire	46	468	3,177	3,645
Central	13	163	672	835
Cheshire	58	686	4,051	4,737
Cleveland	18	195	1,288	1,483
Cumbria	26	269	1,842	2,111
Derbyshire	40	538	3,523	4,061
Devon and Cornwall	70	508	5,803	6,311
Dorset	30	418	2,567	2,985
Dumfries and Galloway	10	109	412	521
Durham	21	222	2,054	2,276
Dyfed-Powys	39	342	1,863	2,205
Essex	68	816	4,725	5,541
Fife	10	112	574	686
Gloucestershire	29	240	1,576	1,816
Grampian	37	417	1,271	1,688
Greater Manchester	71	826	8,871	9,697
Gwent	27	226	1,153	1,379
Hampshire	70	880	4,988	5,868
Hertfordshire	35	440	3,726	4,166
Humberside	44	531	3,187	3,718
Kent	60	695	6,133	6,828
Lancashire	65	886	6,077	6,963
Leicestershire	65	369	3,320	3,689
Lincolnshire	56	357	2,704	3,061
Lothian and Borders	43	407	2,736	3,143
Merseyside	53	571	4,768	5,339
Metropolitan Police (inc. City)	186	3,337	24,033	27,370
Norfolk	37	385	2,284	2,669
North Wales	43	412	2,361	2,773
North Yorkshire	51	644	2,719	3,363
Northamptonshire	32	385	1,650	2,035
Northern	39	184	870	1,054
Northumbria	42	548	4,818	5,366
Nottinghamshire	51	615	3,706	4,321
South Wales	48	346	4,020	4,366
South Yorkshire	59	554	4,697	5,251
Staffordshire	49	333	4,024	4,357
Strathclyde	93	1,091	4,861	5,952
Suffolk	28	363	2,347	2,710
Surrey	46	527	5,196	5,723
Sussex	80	1,005	5,013	6,018
Tayside	25	250	846	1,096
Thames Valley	89	912	7,424	8,336
Warwickshire	35	315	1,959	2,274
West Mercia	85	517	3,690	4,207
West Midlands	63	964	9,415	10,379
West Yorkshire	77	1,063	8,263	9,326
Wiltshire	27	340	1,848	2,188

1 Casualties from injury road accidents reported to the police

*These are the figures that form the base for the estimates provided in this bulletin. Each police force area is assessed on the number of accidents received for each month and information is considered 'complete' if at least 95 per cent of the total expected number are present. Outstanding forms may still be with police forces, local processing or subject to further checks at the Department for Transport. See methodology note.

Definitions

The following definitions apply:

<i>Accident</i>	Involves personal injury occurring on the public highway (including footways) in which at least one road <i>vehicle</i> or a <i>vehicle</i> in collision with a <i>pedestrian</i> is involved and which becomes known to the police within 30 days of its occurrence. The <i>vehicle</i> need not be moving and accidents involving stationary vehicles and pedestrians or users are included. One accident may give rise to several <i>casualties</i> . “Damage-only” accidents are not included in this publication.
<i>Built-up/ Non built-up roads</i>	<i>Accidents</i> on “built-up roads” are those which occur on roads with <i>speed limits</i> (ignoring temporary limits) of 40 mph or less. “Non built-up roads” refer to speed limits over 40 mph and <i>motorways</i> .
<i>Cars</i>	Includes <i>taxis</i> , estate cars, three and four wheel cars and minibuses except where otherwise stated. Also includes motor caravans prior to 1999.
<i>Casualty</i>	A person <i>killed</i> or <i>injured</i> in an <i>accident</i> . Casualties are sub-divided into <i>killed</i> , <i>seriously injured</i> and <i>slightly injured</i> .
<i>Children</i>	Persons under 16 years of age (except where otherwise stated).
<i>Fatal accident</i>	An accident in which at least one person is <i>killed</i> .
<i>Killed</i>	Human casualties who sustain injuries leading to death less than 30 days after the accident.
<i>KSI</i>	Killed or seriously injured.
<i>Major roads</i>	Motorways, A(M) and A roads.
<i>Minor roads</i>	B, C and unclassified roads.
<i>Motorcycles</i>	Two-wheel motor vehicles, including mopeds, motor scooters and motor cycle combinations.
<i>Motorways</i>	Motorway and A(M) roads.
<i>Pedal cycles</i>	Includes tandems, tricycles and toy cycles ridden on the carriageway. From 1983 the definition includes a small number of cycles and tricycles with battery assistance with a maximum speed of 15 mph.

<i>Pedestrians</i>	Includes persons riding toy cycles on the footway, persons pushing bicycles, pushing or pulling other <i>vehicles</i> or operating pedestrian-controlled <i>vehicles</i> , those leading or herding animals, and people who alight safely from <i>vehicles</i> and are subsequently injured.
<i>Serious injury</i>	An injury for which a person is detained in hospital as an 'in-patient', or any of the following injuries whether or not they are detained in hospital: fractures, concussion, internal injuries, crushings, burns (excluding friction burns), severe cuts, severe general shock requiring medical treatment and injuries causing death 30 or more days after the <i>accident</i> . An injured <i>casualty</i> is recorded as <i>seriously</i> or <i>slightly injured</i> by the police on the basis of information available within a short time of the <i>accident</i> . This generally will not reflect the results of a medical examination, but may be influenced according to whether the casualty is hospitalised or not. Hospitalisation procedures will vary regionally.
<i>Slight injury</i>	An injury of a minor character such as a sprain (including neck whiplash injury), bruise or cut which are not judged to be severe, or slight shock requiring roadside assistance. This definition includes injuries not requiring medical treatment.
<i>Speed limits</i>	Permanent speed limits applicable to the roadway.
<i>Taxi</i>	Any vehicle operating as a hackney carriage, <u>regardless of construction</u> , and bearing the appropriate local authority hackney carriage plates. Also includes private hire cars.
<i>Vehicles</i>	Vehicles (except <i>taxis</i>) are classified according to their structural type and not according to their employment or category of licence at the time of an <i>accident</i> .

Methodology note

Fourteen weeks after the end of each quarter, a judgement is made as to whether data available for each police force for each month are complete. This decision is made using comparisons with figures from previous years and consulting the relevant force to see if they are aware of any late returns. Data sets that are not complete are considered to be missing and need to be estimated for the purpose of producing the national estimates.

In broad terms the estimation process proceeds as follows. The first step is to calculate average growth (or reduction) rates for the forces with complete data. A separate growth rate is calculated for each month and for each category to be published (for example, pedestrians killed or seriously injured, pedestrians slightly injured, pedal cyclists killed or seriously injured). The growth rate is calculated from the equivalent month of the previous year to eliminate the effects of seasonal fluctuations in road accidents.

$$\text{Growth rate} = \frac{(\sum \text{police forces with complete data})}{(\sum \text{the same police forces for the equivalent month of previous year})}$$

Each missing police force month is estimated by multiplying the data from the same police force from the same month from the previous year by the appropriate growth rate. Data (actual or estimated) are now available for all police force months.

A scaling factor is applied to all police force months (regardless of whether they were considered complete at the start of the process or have been estimated). The scaling factor compensates for the few accidents, which are reported later for those police force months judged complete and used in estimates. Even if the vast majority of data have been submitted there are likely to be a few accidents that do not find their way into the system for several months. The scaling factor is calculated by monitoring the levels of under-reporting of accidents for the same month from previous years. A separate scaling factor is required for each month in the quarter and for each month in earlier quarter revisions.

[NB: The figures in Table 11 are not scaled.]

Once the data have been scaled, summing the data for each police force for the relevant months produces the quarterly estimates. Note that estimated figures are rounded to the nearest 10.

Levels of reporting

Very few, if any, fatal accidents do not become known to the police. However, there is evidence that an appreciable proportion of non-fatal injury accidents is not reported to the police and thus is not included in this publication. For example, a study in 1990 in one region found that about 36% of all road casualties were involved in accidents not reported to the police (Transport Research Laboratory (TRL) Report 379, 1993). Recent more comprehensive research confirms this level of under-reporting. In addition a fifth of casualties reported to the police were estimated to be unrecorded. Studies confirm the view that the police are more likely to underestimate severity of injury because of the difficulty in distinguishing severity at the scene of the accident,

and that reporting rates are higher for less vulnerable road user groups. Some pedal cyclist injuries are not sustained on public roads and should correctly be excluded.

The Department is continuing to undertake further research to investigate whether the levels of reporting have changed. The most recent work on levels of reporting was published by the Department in an article in Road Casualties Great Britain: 2007 Annual report (pages 66-78), which can be found at the address below:

<http://www.dft.gov.uk/adobepdf/162469/221412/221549/227755/rcgb2007.pdf>

A note with further information on reporting levels and links to recent research can be found at the address below:

<http://www.dft.gov.uk/pgr/statistics/datatablespublications/accidents/roadaccidentstatisticsgrea1835>

Scottish Government

Transport Publications

Scottish Transport Statistics
Main Transport Trends
Household Transport - some SHS results
Transport Across Scotland:
some SHS results for parts of Scotland
SHS Travel Diary results
Travel by Scottish Residents: some NTS results
Bus and Coach Statistics
Road Accidents Scotland
Key Road Accidents Statistics
(SHS = Scottish Household Survey; NTS = National Travel Survey)

General enquires on Scottish Transport Statistics:

Transport Statistics Branch, Scottish Executive,
Victoria Quay, Edinburgh, EH6 6QQ
Phone: +44 (0)131-244 7256
Fax: +44 (0)131-244 7281
E-mail: transtat@scotland.gsi.gov.uk
Internet: www.scotland.gov.uk/Topics/Statistics

These publications are available, payment with orders
From: Scottish Executive Publication Sales, Blackwell's
Bookshop, 53 South Bridge, Edinburgh EH1 1YS
Phone: +44 (0)131-622 8283 Fax: +44 (0)131-557 8149

Welsh Assembly Government - Llywodraeth Cynulliad Cymru

Transport Publications

Road Casualties: Wales
Welsh Transport Statistics

Other publications with transport topics

Digest of Welsh Local Area Statistics
Digest of Welsh Statistics
Statistics for Assembly Constituency Areas
Digest of Welsh Historical Statistics

These publications are available from:

Central Support Unit, Statistical Directorate, Welsh
Assembly Government, Cathays Park, Cathays, Cardiff
CF10 3NQ

Phone: +44 (0)29-2082 5054
E-mail: stats.pubs@wales.gov.uk
Internet: <http://new.wales.gov.uk>

Northern Ireland Transport Statistics

Available from:

Central Statistics and Research Branch
Clarence Court, 10-18 Adelaide Street, Belfast BT2 8GB
Phone: +44 (0)28 9054 0801
E-mail: csrb@drdni.gov.uk
Internet: <http://www.drdni.gov.uk/index/statistics.htm>

Transport Statistics Users Group

The Transport Statistics Users Group (TSUG) was set up in 1985 as a result of an initiative by the Statistics Users Council and the Chartered Institute for Transport (now known as The Institute of Logistics and Transport). From its inception it has had strong links with the government Departments responsible for transport. The aims of the group are:

- to identify problems in the collection, provision, use and understanding of transport statistics, and to discuss solutions with the responsible authorities;
- to provide a forum for the exchange of views and information between users and providers of transport statistics;
- to encourage the proper use of statistics through publicity and education.

The group holds regular seminars on topical subjects connected with the provision and/or use of transport statistics. Recent seminars have included:

- Road Traffic Statistics
- Maritime Statistics
- Transport and Social Inclusion
- Developments in Road Safety Statistics
- Energy Use in Freight Transport
- Rail Freight Statistics
- The Statistics Behind Simplified Streetscapes

A Scottish seminar was also held.

A newsletter is sent to all members about four times a year. Corporate membership of the Group is £50, personal membership £22.50, and student membership £10. For further details please visit www.tsug.org.uk or contact:

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Walking and Accessibility Programme Manager
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The TSUG is contributing to the production of the *Transport Yearbook 2009*. This contains information on sources from governmental and non-governmental organisations, including some European sources. One copy is supplied free to TSUG members. Non-members can purchase a copy from The Stationery Office (TSO).

Transport Statistics Publications (as at August 2009)

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Obtainable from:

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E-mail: customer.services@tso.co.uk

Textphone: +44 (0)870 240 3701

TSO Shops – London, Belfast and Edinburgh

TSO@Blackwell and other Accredited Agents

Annual Reports

Transport Statistics Great Britain: 2008 Edition (ISBN: 978-0-11-553030-2)

Maritime Statistics: 2007 (ISBN: 978-0-11-553023-4)

Road Casualties in Great Britain: 2007 (ISBN: 978-0-11-552981-8)

Focus on Ports: 2006 Edition (ISBN: 978-0-230-00215-3)

Focus on Freight: 2006 Edition (ISBN: 978-0-11-552785-0)

Focus on Personal Travel: 2005 Edition (ISBN: 978-0-11-552658-7)

See also TSO's virtual bookshop at: -

<http://www.tsoshop.co.uk>

Publications no longer produced by Transport Statistics, which have transferred to other Government Departments:

National Rail Trends (replaced Bulletin of Rail Statistics)

(From Q1 2005/06 editions of this quarterly bulletin are produced by the
Office of Rail Regulation –

Contact ☎ +44 (0)20 7282 2007 for details)

DfT: Transport Statistics Publications (Transport Statistics Bulletins - free)

Obtainable from:

Department for Transport

2/29

Great Minster House

76 Marsham Street

London

SW1P 4DR

+44 (0)20 7944 4846

Annual Bulletins – produced by Transport Statistics

Compendium of Motorcycling Statistics

National Rail Travel Survey

National Travel Survey

Public Transport Statistics: GB

Regional Transport Statistics

Road Casualties in Great Britain: Main Results

Road Conditions in England (formerly NRMCS)

Road Statistics: Traffic Speeds and Congestion

Road Freight Statistics

Sea Passenger Statistics

Transport Trends

UK Seafarer Statistics

Vehicle Excise Duty Evasion

Vehicle Licensing Statistics

Waterborne Freight in the United Kingdom

Quarterly Bulletins – produced by Transport Statistics

Bus and Light Rail Statistics ☎ +44 (0)20 7944 4139

Road Traffic and Congestion in Great Britain

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Road Goods Vehicles Travelling to Mainland Europe

☎ +44 (0)20 7944 4131

Road Casualties in Great Britain: Quarterly Provisional Estimates

☎ +44 (0)20 7944 3078

See also the Transport Statistics web site at: -

<http://www.dft.gov.uk/pgr/statistics>

NOTE: Prior to 1997, many of the Transport Statistics Bulletins were published as HMSO publications. Enquiries about back issues, or transport publications in general, should be made to Transport Statistics, 2/29, Great Minster House, 76 Marsham Street, London SW1P 4DR. ☎ +44 (020)7944 4846.