



COUNTING THE COSTS

Accident Statistics 2002

The 2002 Firework Accident Statistics

The total number of people treated at hospital accident and emergency departments in Great Britain during the 2002 autumn firework season was 1017. This represents a fall of 25% on the 2001 figure of 1362 and, although very welcome, is still up overall on the figures for 2000. The Department of Trade and Industry will therefore be intensifying its efforts to reduce this figure further.

The DTI is working to ensure the key safety messages are communicated to those most likely to misuse fireworks and at risk from accidents. That means getting the safety message across to 13-17 year olds, particularly boys. Although injuries to this group fell by 32% last year, they are still disproportionately high especially in relation to casual incidents in the street and other public places. We are also tackling the issue of injuries to young children caused by sparklers. Despite significant falls in the number of injuries to children involving other types of fireworks, those caused by sparklers have shown little change falling from 136 in 2001 to 132 last year.

2003 Campaign

In addition to the established tool kit and schools packs, DTI has produced two television adverts that warn parents and carers of young children of the possible dangers posed by the misuse of sparklers. There will also be a targeted SMS text campaign aimed at teenagers and cinema showings of last year's award winning TV adverts illustrating the consequences of fooling with fireworks.

To reinforce the sparkler message, we will again be working with our partners at the Child Accident Prevention Trust (CAPT) to tackle the problem of injuries to the under fives.

The 2002 Firework Accident Statistics in Detail

The main statistics, including a breakdown by region and individual NHS Trust, are set out in the following pages.



Fireworks are explosives
GET WISE OR GET HURT

Firework Injuries In Great Britain 1995 - 2002 (4 Week Period In October - November).

	2002	2001	2000	1999	1998	1997	1996	1995
Place of Accident								
1. Family or private party	363	598	421	447	320	378	428	504
2. Semi public party (e.g scouts, club)	54	73	56	72	79	56	100	107
3. Large public display	100	158	119	153	132	137	223	207
4. Casual incident in street or another public place	295	442	279	296	226	256	379	532
5. Indoors	29	17	19	19	20	22	23	30
6. Other	90	40	49	65	44	21	75	149
7. Not Specified	86	34	29	4	10	38	5	0
TOTAL	1017	1362	972	1056	831	908	1233	1529
Type of firework								
1. Banger	0	114	93	132	130	189	273	322
2. Rocket	204	264	135	211	168	158	222	208
3. Air Bomb	148	102	96	90	79	50	82	107
4. Roman Candle	0	120	90	130	71	58	79	88
5. Sparkler	132	136	104	134	129	200	196	163
6. Other proprietary fireworks	128	117	112	110	200	104	136	131
7. Home made or extracted powder	13	14	6	23	27	18	17	21
8. Not known	392	494	336	207	27	125	228	489
9. Not Specified	0	1	0	19	0	6	0	0
TOTAL	1017	1362	972	1056	831	908	1233	1529
Outcome of injury								
1. No further treatment required	362	498	366	408	290	359	373	498
2. Referred to G.P.	85	129	114	137	96	115	141	181
3. Referred to out-patient dept. of this or other hospital	365	469	323	342	278	301	463	520
4. Detained in this hospital for at least one night	55	70	40	43	26	49	58	50
5. Transferred to another hospital	51	73	52	31	20	22	38	55
6. Died	0	0	2	0	0	0	2	0
7. Not known	99	115	52	86	115	23	158	225
8. Not specified	0	8	23	9	6	39	0	0
TOTAL	1017	1362	972	1056	831	908	1233	1529
Age group of injured								
1. Over 20 years	380	508	375	404	313	389	438	480
2. 16 - 20	117	169	93	119	100	91	174	173
3. 13 - 15	167	235	154	142	119	125	218	298
4. Under 13	353	450	350	391	287	303	387	540
5. Not known	0	0	0	0	12	0	16	38
TOTAL	1017	1362	972	1056	831	908	1233	1529
Sex of injured Persons								
Male	659	915	638	696				
Female	358	447	334	357				
Unspecified	0	0		3				
TOTAL	1017	1362	972	1056	0	0	0	0

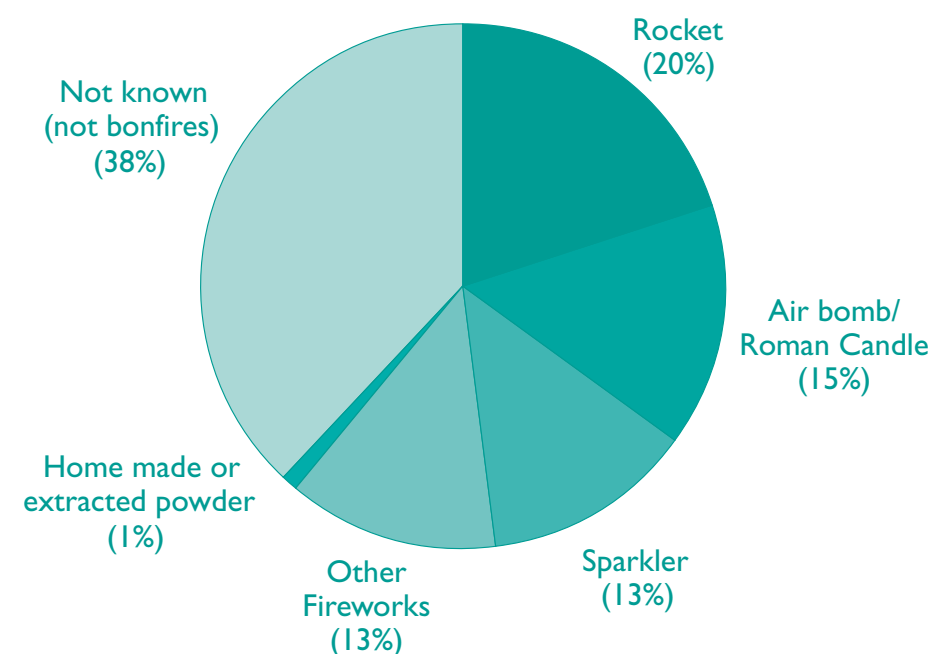
Analysis of injuries by body part and outcome - 2002.

Injury Outcome Desc	Eye	Head	Hand	Arm	Leg/Foot	Torso	Other	Total
1. No further treatment required	117	107	76	16	41	27	0	384
2. Referred to G.P.	15	15	35	8	11	9	0	93
3. Referred to out-patient dept. of this or other hospital	56	74	173	31	42	31	0	407
4. Detained in this hospital for at least one night	15	17	25	5	2	7	0	71
5. Transferred to another hospital	17	18	21	1	4	7	0	68
6. Died	0	0	0	0	0	0	0	0
7. Not known	30	19	32	6	7	4	0	98
8. Not Specified	0	0	0	0	0	0	0	0
Total	250	250	362	67	107	85	0	1121

BASE: TOTAL INJURIES - GREAT BRITAIN

*This figure is the total number of body parts injured and therefore exceeds the number of persons (1362) injured. For example a sparkler could be responsible for an eye and head injury, which are recorded separately.

Type of firework causing injury - 2002 (1017 cases).



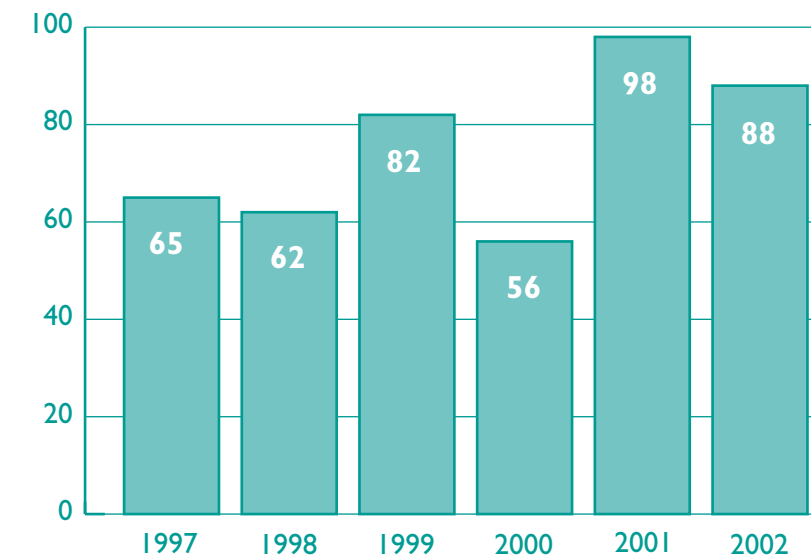
Time distribution of firework injuries 2002.

Date	Number injured for that day
19-Nov-02	1
18-Nov-02	0
17-Nov-02	0
16-Nov-02	0
15-Nov-02	0
14-Nov-02	1
13-Nov-02	0
12-Nov-02	1
11-Nov-02	0
10-Nov-02	14
9-Nov-02	32
8-Nov-02	18
7-Nov-02	23
6-Nov-02	110
5-Nov-02	367
4-Nov-02	65
3-Nov-02	83
2-Nov-02	73
1-Nov-02	26
31-Oct-02	32
30-Oct-02	12
29-Oct-02	12
28-Oct-02	12
27-Oct-02	12
26-Oct-02	14
25-Oct-02	10
24-Oct-02	7
23-Oct-02	5
22-Oct-02	11
21-Oct-02	8
20-Oct-02	14
19-Oct-02	6
18-Oct-02	4
17-Oct-02	7
16-Oct-02	4
15-Oct-02	4
14-Oct-02	4
13-Oct-02	6
12-Oct-02	11
11-Oct-02	1
TOTAL	1017

Analysis of Firework Injuries (By Country) Year 2002.

Age of patient in years	England		Scotland		Wales		Total
	M	F	M	F	M	F	
1 and under	8	7	1	0	1	0	17
2	14	9	1	2	0	1	27
3	6	9	3	2	0	0	20
4	13	9	1	0	1	0	24
5	14	9	1	0	0	0	24
6	10	8	3	0	3	1	25
7	15	9	2	0	1	1	28
8	15	8	2	0	1	0	26
9	16	9	5	0	1	2	33
10	18	19	4	1	3	0	45
11	23	13	6	1	1	0	44
12	23	9	2	2	3	1	40
13	28	13	9	3	3	1	57
14	38	15	6	0	1	1	61
15	30	9	6	1	2	1	49
16	19	8	6	1	0	0	34
17	16	5	4	0	4	0	29
18	11	6	1	0	2	0	20
19	14	4	0	0	0	1	19
20	9	5	0	0	1	0	15
21 to 25	36	16	11	4	2	4	73
26 to 30	20	24	4	2	4	2	56
31 to 35	48	24	6	2	4	3	87
36 to 40	40	20	2	2	0	1	65
41 and over	46	36	1	4	4	8	99
Total	530	303	87	27	42	28	1017

Firework injuries to children under 5.



Region Name	NHS Trust Name	Total Injuries	Back Garden	Sparklers	Children	Hooligan
Eastern	Basildon & Thurrock General Hospitals NHS Trust	6	2	2	3	1
	Bedford Hosptials NHS Trust	7	1		4	1
	East & North Hertfordshire NHS Trust	5	1	2	4	2
	East Cambridgeshire & Fenland Primary Care Trust	2	2		2	
	James Paget Healthcare NHS Trust	7	3	2	5	2
	Mid Essex Hospital Services NHS Trust	6	3	1	4	1
	Norfolk & Norwich University Hospital NHS Trust	8	3		3	
	Peterborough Hospitals NHS Trust	8	1	2	6	3
	Princess Alexandra Hospital NHS Trust	10	4	2	3	
	Southend Hospital NHS Trust	4	3		1	1
	Suffolk Coastal Primary Care Trust	2				
	Waveney Primary Care Trust	3	3	2	1	
	West Hertfordshire Hospitals NHS Trust	5	1		2	
	Total for Eastern		73	27	13	38
Greater London	Ashford & St Peters Hospital NHS Trust	2	2		1	
	Barking, Havering & Redbridge Hospitals NHS Trust	13	6	2	8	
	Barnet & Chase Farm Hospitals NHS Trust	10	6		7	1
	Barts & The London NHS Trust	2	1		2	1
	Hillingdon Hospital NHS Trust	8	1		4	2
	Homerton University Hospitals NHS Trust	2	1		1	
	Kings College Hospital NHS Trust	5			3	4
	Kingston Hospital NHS Trust	2	1		1	1
	Lewisham Hospitals NHS Trust	7	2	1	4	1
	Mayday Healthcare NHS Trust	4	1		1	1
	Moorfields Eye Hospital NHS Trust	3			1	2
	Newham Healthcare NHS Trust	4	2		3	2
	Queen Marys Sidcup NHS Trust	1	1			
	Richmond & Twickenham Primary Care Trust	1	1			
	Royal Free Hampstead NHS Trust	3	1		1	
	St Georges Healthcare NHS Trust	7	2		4	3
	St Marys Hospital NHS Trust	5	2		3	
	West Hertfordshire Hospitals NHS Trust	8	3		8	1
	Whipps Cross University Hospital NHS Trust	5	1		4	
	Total for Greater London		92	34	3	56

Notes

1. NHS Trusts not shown in the listing submitted nil returns.
2. Because we have selected key statistics, columns 2-5 may not add up to the total.
3. 1303 is the number of injuries from hospitals with an NHS trust.

Region Name	NHS Trust Name	Total Injuries	Back Garden	Sparklers	Children	Hooligan	
North Western	Blackburn Hyndburn & Ribble Valley Healthcare NHS Trust	13	1	2	5	10	
	Blackpool, Fylde & Wyre Hospitals NHS Trust	9	5	2	5	1	
	Central Liverpool Primary Care Trust	2			2	2	
	Central Manchester & Manchester Childrens University Hospital	44	7	1	41	16	
	Countess of Chester Hospital NHS Trust	4	1	1	4	1	
	Hyndburn & Ribble Valley Primary Care Trust	4	2		2	1	
	Lancashire Teaching Hospitals NHS Trust	3	3	1	1		
	Mersey Care NHS Trust	12	7		2	2	
	Morecambe Bay Hospitals NHS Trust	11	7		4	1	
	Pennine Acute Hospitals NHS Trust	29	11	5	12	8	
	Royal Liverpool & Broadgreen University Hospitals NHS Trust	5	2		1	2	
	Salford Royal Hospitals NHS Trust	6	3		5	3	
	Southport & Ormskirk Hospitals NHS Trust	8	3	1	2		
	St Helens & Knowsley Hospitals NHS Trust	8	1	4	3		
	Tameside & Glossop Acute Services NHS Trust	8	3	1	6	2	
	The Mid Cheshire Hospitals NHS Trust	6	1	1	3	2	
	Wirral Hospital NHS Trust	10	1	1	7	2	
	Total for North Western		182	58	20	105	53
	North & Yorkshire	Bradford Hospitals NHS Trust	32	5	3	24	22
		Calderdale & Huddersfield NHS Trust	11	3	1	9	5
City Hospitals Sunderland NHS Trust		8	6		4	1	
County Durham & Darlington Acute Hospitals NHS Trust		5	1	2	2	1	
Craven, Harrogate & Rural District Primary Care Trust		1	1	1			
Eden Valley Primary Care Trust		2			2	1	
Harrogate Health Care NHS Trust		2					
Langbaugh Primary Care Trust		2	2	2	1		
Leeds Teaching Hospitals NHS Trust		28	9	4	13	13	
Mid Yorkshire Hospitals NHS Trust		12	5	1	7	5	
Newcastle upon Tyne Hospitals NHS Trust		3	1		1	1	
North Cumbria Acute Hospitals NHS Trust		8			6	6	
North Cumbria Mental Health Learning Disability		1		1	1	1	
North Tees & Hartlepool NHS Trust		9	3	1	8	5	
Northumbria Healthcare NHS Trust	14	1		9	6		

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	Scarborough & North East Yorkshire Healthcare NHS Trust	9	5	3	4	
	Selby & York Primary Care Trust	3	2	1		
	South Tees Hospitals NHS Trust	17	3	2	8	10
	South Tyneside Healthcare NHS Trust	8	2		5	4
	York Health Services NHS Trust	2	1			
Total for North & Yorkshire		177	50	22	104	81
Scotland	Argyll & Clyde Acute Hospitals NHS Trust	8	2		6	6
	Ayrshire & Arran Acute Hospitals NHS Trust	5	1		2	4
	Fife Acute Hospitals NHS Trust	4	3	1	3	
	Forth Valley Acute Hospitals NHS Trust	6	2	1	4	1
	Grampian Primary Care Trust	4		2	3	3
	Grampian University Hospitals NHS Trust	5	3		2	2
	Highland Acute Hospitals NHS Trust	5	1	1	2	3
	Highland Primary Care Trust	1		1		
	Lanarkshire Acute Hospitals NHS Trust	10	5		7	4
	Larnarkshire Primary Care Trust	1			1	1
	Lomond & Argyll Primary Care Trust	1	1	1		
	Lothian University Hospitals NHS Trust	5			3	3
	North Glasgow University Hospitals NHS Trust	15	3	1	8	12
	Shetland Health Board	1			1	
	South Glasgow University Hospitals NHS Trust	16	5	1	12	8
	Tayside Primary Care Trust	7	2	1	5	2
	Tayside University Hospitals NHS Trust	10	3	1	3	3
	West Lothian Healthcare NHS Trust	1	1			
	Yorkhill NHS Trust	9	2		9	6
Total for Scotland		114	34	11	71	58
South East	Ashford & St Peters Hospital NHS Trust	4	3	2	4	1
	Brighton & Sussex University Hospitals NHS Trust	14	1	1	9	1
	Dartford & Gravesham NHS Trust	3	2	1	1	
	East Hampshire Primary Care Trust	2	1	2	1	
	East Sussex Hospitals NHS Trust	6	1		2	1
	Heatherwood & Wexham Park Hospitals NHS Trust	2	2	1		
	Kettering General Hospital NHS Trust	1				
	Maidstone & Tunbridge Wells NHS Trust	3	1	2	2	

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Region Name	NHS Trust Name	Total Injuries	Back Garden	Sparklers	Children	Hooligan
	Medway NHS Trust	3	2		1	
	Milton Keynes General Hospital NHS Trust	2	2	1		
	Newbury & Community Primary Care Trust	3		1	1	1
	North East Oxfordshire Primary Care Trust	1	1			
	North Surrey Primary Care Trust	2	2	2		
	North West Surrey Mental Health Partnership NHS Trust	2	2	1		
	Northampton General Hospital NHS Trust	1	1			
	Royal Berkshire & Battle Hospitals NHS Trust	5	1		2	4
	Royal Surrey County Hospitals NHS Trust	2			2	1
	South East Oxfordshire Primary Care Trust	1	1		1	
	Stoke Mandeville Hospital NHS Trust	4	1	1	2	
	Sussex Downs & Weald Primary Care Trust	1		1	1	
	The Royal West Sussex NHS Trust	2	2			
Total for South East		64	26	16	29	9
South & West	Bath & North East Somerset Primary Care Trust	1	1			
	Central Cornwall Primary Care Trust	5	1	1	2	
	East Devon Primary Care Trust	1			1	1
	Gloucestershire Hospitals NHS Trust	7	1		3	
	Mid Devon Primary Care Trust	2			1	2
	North & East Cornwall Primary Care Trust	2	1	1	1	
	North Bristol NHS Trust	4	4	2		
	North Devon Primary Care Trust	4	1	1	3	
	North Dorset Primary Care Trust	4			2	
	Northern Devon Healthcare NHS Trust	2			2	1
	Plymouth Hospitals NHS Trust	6	4	2	3	
	Poole Hospitals NHS Trust	5	3	1	3	2
	Royal Cornwall Hospitals NHS Trust Count	1				
	Salisbury Healthcare NHS Trust	5	3		3	
	Somerset Coast Primary Care Trust	6	5		3	
	South Hams & West Devon Primary Care Trust	1	1	1		
	South West Dorset Primary Care Trust	1	1		1	
	States of Guernsey Board of Health	2		1	1	
	Taunton & Somerset NHS Trust	2	1	1		1
	United Bristol Healthcare NHS Trust	6	5	1	4	

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Region Name	NHS Trust Name	Total Injuries	Back Garden	Sparklers	Children	Hooligan
	West Dorset General Hospitals NHS Trust	2	1			1
	West of Cornwall Primary Care Trust	1		1	1	
	West Wiltshire Primary Care Trust	3	1	2	2	
	Weston Area Health NHS Trust	3	1	1	2	
	Total for South & West	76	35	16	38	8
Trent	Barnsley District General Hospital NHS Trust	9	3		6	2
	Charnwood & North West Leicestershire Primary Care Trust	3	3		1	
	Chesterfield & North Derbyshire Royal Hospital NHS Trust	6	3	1	1	
	Doncaster & Bassetlaw Hospitals NHS Trust	15	4	3	7	2
	Erewash Primary Care Trust	2		1	2	1
	Hinckley & Bosworth Primary Care Trust Count	1				
	Melton, Rutland & Harborough Primary Care Trust	3	1	1	2	
	Northern Lincolnshire & Goole Hospitals NHS Trust	9	5		5	4
	Queens Medical Centre, Nottingham University Hospital NHSTr	12	5	3	5	4
	Rotherham General Hospitals NHS Trust	6	5		3	1
	Sheffield Childrens Hospital NHS Trust	7	4	1	7	3
	Sheffield Teaching Hospitals NHS Trust	8	3	1	2	
	Sherwood Forest Hospitals NHS Trust	7	2		4	1
	Southern Derbyshire Acute Hospitals NHS Trust	3	3		1	
	United Lincolnshire Hospitals NHS Trust	23	4	2	11	5
	Total for Trent	114	45	13	57	23
Wales	Bro Morgannwg NHS Trust	8	4	3	3	3
	Cardiff & Vale NHS Trust	3				3
	Ceredigion & Mid Wales NHS Trust	2	2	1	1	
	Conwy & Denbighshire NHS Trust	6	1		3	2
	Gwent Healthcare NHS Trust	22	8	2	7	9
	North East Wales NHS Trust	3		2	2	1
	North Glamorgan NHS Trust	7	1	1	5	3
	North West Wales NHS Trust	3	3	1	2	
	Pembrokeshire & Derwen NHS Trust	4	4	1	2	
	Pontypridd & Rhondda NHS Trust	6		2	3	
	Swansea NHS Trust	6	1		2	4
	Total for Wales	70	24	13	30	25

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Region Name	NHS Trust Name	Total Injuries	Back Garden	Sparklers	Children	Hooligan
West Midlands	Birmingham Childrens Hospital	1			1	
	Burton Hospitals NHS Trust	2	1			
	Dudley Group of Hospitals NHS Trust	3	1		2	1
	Good Hope Hospital NHS Trust	4	3		1	1
	Hereford Hospitals NHS Trust	1	1	1		
	Mid Staffordshire General Hospitals NHS Trust	3	3		3	
	Princess Royal Hospital NHS Trust	1			1	
	Royal Shrewsbury Hospitals NHS Trust	3	3		1	
	Sandwell & West Birmingham Hospitals NHS Trust	4	1		3	3
	South Staffordshire Healthcare NHS Trust	2	2			
	The Royal Wolverhampton Hospitals NHS Trust	7	6	2	4	
	University Hospital Birmingham NHS Trust	7			4	
	University Hospitals Coventry & Warwickshire NHS Trust	2			1	2
	Walsall Hospitals NHS Trust	4	2		1	
	Worcestershire Acute Hospitals NHS Trust	11	7	2	4	1
	Total for West Midlands	55	30	5	26	8
	GRAND TOTAL	1017	363	132	554	295

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