

Statistical Bulletin

Crime and Justice Series

A National Statistics Publication for Scotland

FIRE STATISTICS SCOTLAND, 2012-13

8 October 2013



1. Introduction

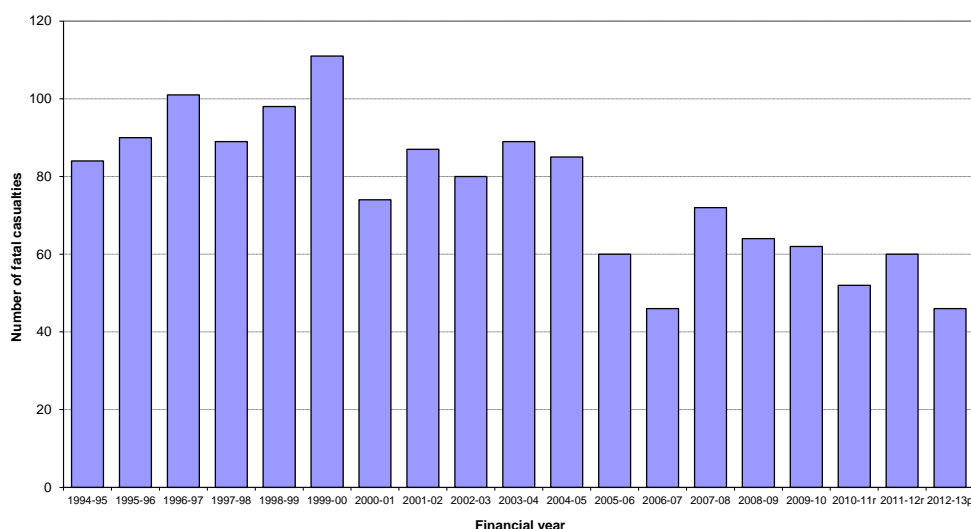
This publication provides a detailed overview of Scotland's Fire and Rescue Services (FRSs) incident statistics covering the 10 year period from 2003-04 to 2012-13 at Fire and Rescue Service and Scotland level. The information supplied for 2012-13 is calculated on provisional data.

On the 1st April 2013, the 8 FRSs of Scotland became the Scottish Fire and Rescue Service (SFRS). The statistics in this publication cover the year immediately preceding the establishment of the Scottish Fire and Rescue Service (SFRS). This is the final year that this publication will include statistics at the geographic level of the 8 FRSs.

These statistics are compiled from reports submitted to the Department for Communities and Local Government (DCLG) on incidents attended by Scotland's Fire and Rescue Services

In April 2009, Scotland started to use the electronic Incident Recording System (IRS). This caused some discontinuity with reporting of the time series for some of the tables, details of this are contained in section [6.2](#).

Chart 1- Fatal casualties from primary fires, Scotland 1994-95 to 2012-13^P



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2. Main Points

2012-13 Provisional Data

- In 2012-13, the total number of fires in Scotland was 26,613. This was 18 % lower than in 2011-12 (32,336). Primary fires accounted for 42% (11,045) of the total number of fires, 53 % (14,196) were secondary fires and 5 % (1,372) were chimney fires ([Table 1](#)).
- The number of primary fires in 2012-13 decreased by 11 % from 2011-12 (from 12,417 to 11,045). There was a 24 % reduction in the number of secondary fires in 2012-13 compared to 2011-12 ([Table 1](#)).
- More than half of primary fires in 2012-13 were in dwellings (5,820). Of these fires, 4,994 were accidental (86 %) ([Tables 1 & 3](#)).
- Provisionally, there were 46 fatal fire casualties in 2012-13 – a decrease of 14 (23 %) on the revised figure of 60 for 2011-12. This is the joint lowest figure in ten years ([Table 2](#)).
- In 2012-13, Scotland had 8.7 fatal casualties per million population. Even though this rate has decreased by about a half in the last ten years, Scotland still has a higher rate than England and Wales (5.1 and 5.5 per million population respectively) ([Table 10](#)).
- There were as many male as female fatal fire casualties (23 fatal casualties per gender) in 2012-13 and 35 % of all fatal casualties were 'overcome by smoke, gas or fumes' ([Table 12b](#)).
- Provisionally, there were 41 fatal casualties in dwelling fires in 2012-13 and 37 of these occurred in accidental dwelling fires. ([Tables 2 & 3](#))
- The most common source of ignition for accidental dwelling fires where a fatality occurred was 'smokers' materials and matches' which accounted for 17 (46 %) fatal casualties. ([Tables 23](#)).
- Provisionally there were 1,311 non-fatal fire casualties in 2012-13. The main injury was due to being 'overcome by smoke, gas or fumes' (524 non-fatal casualties, 40 %). Of the 1,311 non-fatal casualties, 1,014 occurred in accidental dwelling fires. The most common source of ignition for accidental dwelling fires when a non-fatal casualty occurred was cooking appliances, which accounted for 600 non-fatal casualties (59 %) ([Tables 2, 3, 12c & 23](#)).
- In 2012-13, the number of accidental dwelling fires was at a ten year low of 4,994. In 16 % of these accidental dwelling fires (775), impairment due to suspected alcohol and/or drugs use was a contributory factor. From accidental dwelling fires, there were provisionally 10 fatal casualties and 277 non-fatal casualties where impairment due to suspected alcohol and/or drugs use was a contributory factor to the fire (27 %, 27 % respectively). ([Tables 3, 24 & 24b](#)).

- In 2012-13, there were provisionally 13 fatal casualties (32 %) and 305 non-fatal casualties (26 %) in dwelling fires where a smoke alarm was absent ([Table 20](#))
- In 2012-13 Scotland's Fire and Rescue Services attended 9,130 special service incidents (non-fire related incidents). Road traffic collisions (RTCs) were the type of special service incident most often attended (25 %) ([Table 6](#)).
- The number of false fire alarms attended was 47,043 in 2012-13, 74 % of these were due to failure of apparatus and the majority of them occurred in other buildings (i.e. not dwellings). There were 635 special service false alarms in 2012-13 ([Tables 4, 4c & 5](#))
- There were 15,061 deliberate primary and secondary fires in 2012-13 (60 % of all primary and secondary fires). The majority of deliberate fires were secondary fires (12,238 or 81 %) ([Tables 17 & 19](#)).

3. Changes to data collection and revision of data

3.1 Change in data collection

In April 2009, Scotland started to use the Incident Recording System (IRS); this is an electronic system which captures data for all incidents that Fire and Rescue Services (FRS) attend. The main advantage of this system is that all incidents, including non-fire incidents, are recorded fully. Previously the data capture for national statistics meant that fires involving fatal and non-fatal casualties were collected in full but other primary fires were sampled for data entry (re-typing into the database) and weighted to Fire and Rescue Services totals. Secondary fires were only collected as a monthly aggregated total and special services were not included.

The transfer to the new system has maintained the majority of main fire trends even though the data capture system has increased the sub-categories collected. In some cases, the sub-categories cannot be matched between this system (IRS) and the previous paper collection (FDR1) and the trend data has been affected. Where this has happened this information has been noted with an asterisk (*) and a footnote is supplied that refers to the annex explaining this change.

3.2 Revisions on 2011-12 data

Since the introduction of IRS, Fire Statistics Scotland has been published using the most current year of data in provisional form. This allows us to provide timely data, which is then finalised in future publications. Prior to IRS data, finalising the dataset took up to two years, mainly due to investigations into fire casualties. A consultation of our data users in 2011-12 established that they felt that the benefits of a more timely publication on provisional data outweighed the provisional status of the data¹. For this reason, we publish provisional data and have a revision policy in place for previous years' data (this is explained further in section [6.3.1](#)). There can be some notable revisions in casualties but revisions in incidents are typically negligible at Scotland level.

In the Scottish publication, the provisional data in tables and charts will be annotated with a ^P. Where the data has been revised since last published – as in the case of 2010-11 and 2011-12 data, an ^r will be used to annotate tables and charts. Fatal and non-fatal casualties will be described as provisional throughout the body of this text, but for ease of reading, provisional figures for fires, false alarms and special services will not explicitly be described at each mention.

In 2011-12 the change between provisional and revised figures for incidents for Scotland was small ([Table A](#)) but there was a notable change for fatal casualties. This is to be expected as a number of fire investigations were still in process when the figures were provisionally published last year.

¹ <http://www.scotland.gov.uk/Topics/Statistics/Browse/Crime-Justice/scotstatcrime/StakeCon/Firesurvey2011>

Table A: Changes due to revision of 2011-12 data

| 2011-12 | Number difference between first published and revised | Percentage difference between first published and revised |
|----------------------|---|---|
| Primary fire | 17 | 0.1% |
| Secondary fires | 66 | 0.4% |
| False alarms | 293 | 0.6% |
| Chimney fires | 49 | 4.1% |
| Special services | 72 | 0.7% |
| Fatal casualties | 3 | 5.3% |
| Non-fatal casualties | 17 | 1.2% |

3.3 Changes to IRS categories

In April 2012, there was an upgrade to the Incident Recording System (IRS). At this time there were some changes to some of the lower sub-categories for location, false alarms and special services.

The details of these changes can be found of the Department of Communities and Local Government Website:

- [Incident recording taxonomy hierarchical list](#)
- [Incident recording system - questions and lists - version 1.6](#)

Where changes to the lower sub-categories have affected tables' groupings then a caveat informing users will be supplied with the table. These changes have not affected the main categories used within this publication.

3.4 New tables

A new table has been introduced this year following a number of requests for the information - accidental dwelling fires by source of ignition, at a national level, have been included as Table 22 from 2009-10.

4. Commentary

This year the publication contains provisional data for 2012-13. These figures are still to be finalised but they provide a more timely aspect than was previously possible to publish. It is important to remember when using these figures that they are provisional and that they may be amended in future publications. This is especially true of casualties (see section [6.3.1](#) for revisions policy).

The figures for 2010-11 and 2011-12 have been revised and the figures provided here supersede those in the previous publications, and should be used in the reporting of fire statistics for Scotland.

For all Scotland level tables, figures are provided to cover a minimum of ten years. At FRS level, the tables are only produced for the most current financial year. There are additional datasets available that provide revised trend figures for the key statistics at FRS level over ten years at:

<http://www.scotland.gov.uk/Topics/Statistics/Browse/Crime-Justice/Datasets/DatasetsFire>

4.1 Total number of fires ([Tables 1](#) and [1a](#))

In this publication, fires are classed as Primary, Secondary or Chimney.

Primary fires include all fires where one or more apply:

- i) in non-derelict buildings, or in vehicles or outdoor stores
- ii) any fire involving casualties, rescues,
- iii) fires attended by five or more appliances.

In this publication, primary fires are usual split into 4 sub-categories: Dwellings, Other Buildings, Road Vehicles and Others.

Secondary fires cover the majority of outdoor fires including grassland and refuse fires unless they involve casualties or rescues, property loss or 5 or more appliances are in attendances.

Chimney fires are any fires in buildings where flame was contained within the chimney structure and did not involve casualties, rescues or attendance of 5 or more appliances.

In Scotland in 2012-13 Scotland's FRSs attended 26,613 fires, of these 42 % were primary fires 53 % were secondary fires and 5 % were chimney fires.

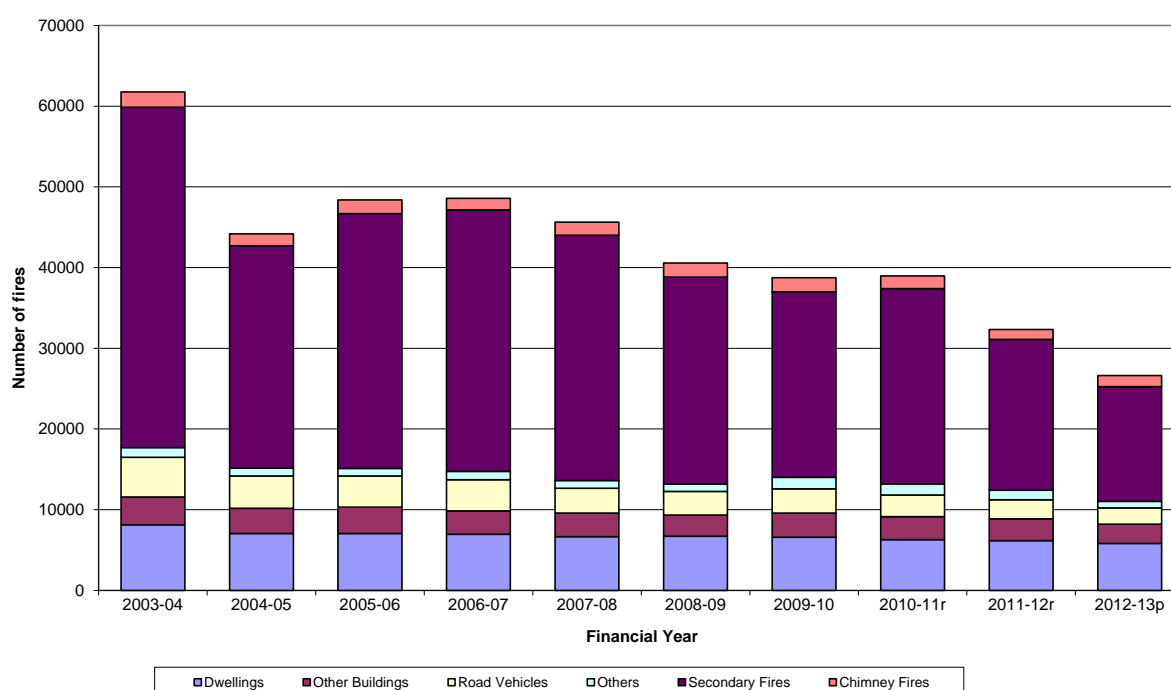
The total of all fires attended (primary, secondary and chimney fires) in Scotland for 2012-13 was 18 % lower than the revised figure of 32,336 fires recorded in 2011-12.

The number of primary fires in 2012-13 was 11,045, a decrease of 11 % from the 2011-12 revised figures of 12,417. Within primary fires for 2012-13, the highest proportion were dwelling fires (53 %), followed by other buildings (22 %), fires in road vehicles (18 %) and other primary fires (7 %). The 2012-13 figures are the lowest number of primary fires in the last ten years.

Between 2011-12 and 2012-13, secondary fires decreased by 24 % from 18,676 to 14,196 and chimney fire figures increased by 10 % from 1,243 to 1,372.

The total number of fires in 2012-13 (26,613) was the lowest value in the last decade. However there have been some large changes in the number of fires within each category. The number of secondary fires in 2012-13 has decreased by 56 % from 2006-07. As secondary fires are the highest proportion of total fires, changes within this category will have a major influence over the total number of fires in Scotland. This year the 24 % decrease in secondary fires (4,480) has contributed 78 % of the overall decrease in all fires (5,723) between 2011-12 and 2012-13. ([Chart 2](#)).

Chart 2 – Fires by location, Scotland 2002-03 to 2012-13 ¹



Notes:

p - provisional

r - revised

1 - figures before 2009-10, for primary fires are based on sample data weighted to Fire and Rescue Service level

4.2 Casualties by location ([Tables 2](#), [2a](#), [3](#) & [3a](#))

Casualties from fire are split into 2 categories: fatal and non-fatal.

- A fatal casualty is where a person’s death is attributed to a fire, even if the death did not occur at the time of the incident.

- Non-fatal casualties consist of persons who were
 - given first aid at the scene of the fire
 - taken to hospital to see a doctor for injuries (appeared to be either serious or slight)
 - advised to see a doctor for a check-up or observation (whether or not they actually did). People sent to hospital or advised to see doctors as a precaution, having no obvious injury, are recorded as "precautionary check-ups".

All casualty data is provisional and may be revised, for example after fire investigations or medical reports. Please see section [6.3.1](#) for more details of the revision policy.

In Scotland in 2012-13 there were provisionally 46 fatal casualties from primary fires, a decrease of 14 from the revised figure of 60 in 2011-12. Of the provisional fatalities for 2012-13, 41 were in dwelling fires and 37 of those were in accidental dwelling fires.

The provisional figure for fatal casualties from primary fires is the joint lowest in the last decade. Fatal casualties from dwelling fires and accidental dwelling fires are the second lowest figures in the last decade.

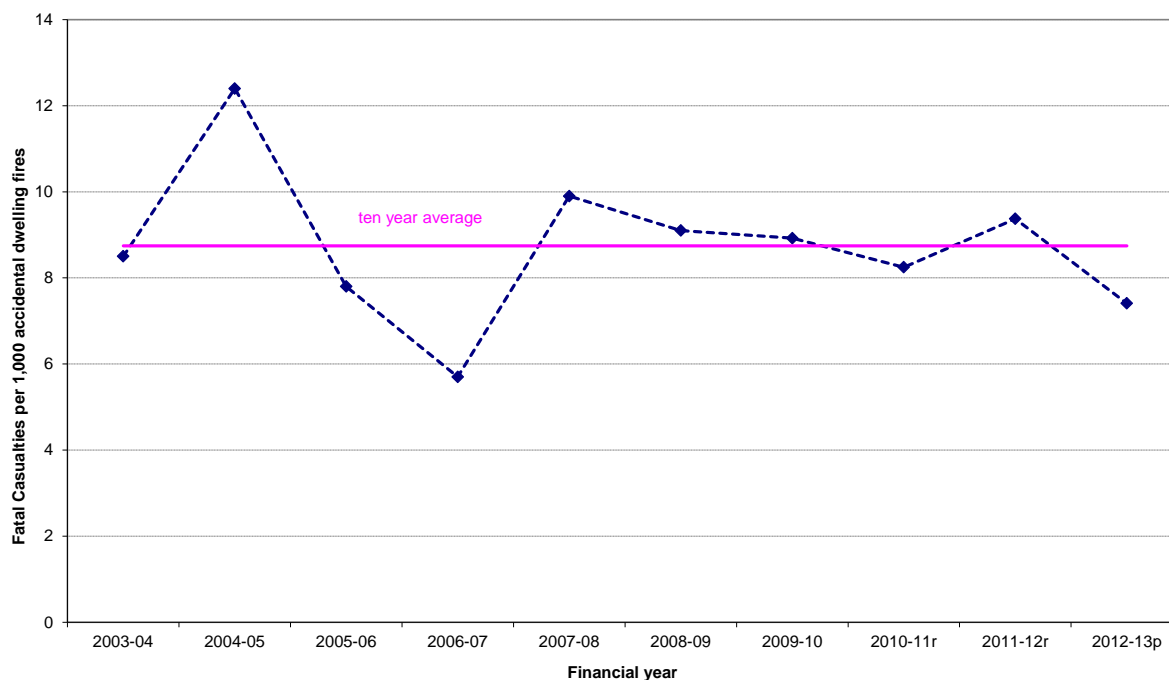
In the previous year, 2011-12, there were originally 57 fire fatalities reported in the provisional publication, but this figure has been revised to 60 in this publication. There were a number of incidents where fire investigations were on-going at the time of last year's publication. The results of these investigations are the reason for the increase in the number of fire fatalities. The 2011-12 figures are now the fourth lowest in a decade rather than third lowest, as reported in the previous publication. The 2010-11 figures have also been finalised at 52, there was no revision to this number from last year.

In 2012-13, there were provisionally 1,311 non-fatal fire casualties. This is a decrease of 7 % on the revised 2011-12 figure of 1,415.

The highest number of non-fatal casualties in 2012-13 occurred in dwellings fires (1,164 or 89 %), 1,014 of which occurred in accidental dwelling fires. The number of non-fatal casualties (excluding precautionary check-ups) in primary fires was 993, a decrease of 10 % from 2011-12.

The provisional rate for fatal casualties was 7.4 per 1,000 accidental dwelling fires in 2012-13. This is the second lowest rate over the reported ten year period for this publication ([Chart 3](#)). This year the rate is lower than the ten year average of 8.7. (The ten year average shows that approximately 9 people die for every thousand accidental dwelling fires in Scotland.)

Chart 3 – Fatal casualties rate per 1,000 accidental dwelling fires, Scotland, 2003-04 to 2012-13¹



Notes

p - provisional

r - revised

1 - before 2009-10, figures for primary fires are based on sample data weighted to Fire and Rescue Service totals

4.3 False alarms ([Tables 4](#), [4a](#), [4b](#), [4c](#), [4d](#), [5](#) and [5a](#))

In 2012-13, Scotland’s FRSs attended 47,678 false alarms. Of these 99 % were fire false alarms (47,043) and the other 1 % were special service false alarms (635).

A false alarm is where the FRS believes they are called to a reportable incident and there is no incident. False alarms are categorised as follows:

Malicious: are calls made with the intention of getting the FRS to attend a non-existent incident, including deliberate and suspected malicious intent.

Good Intent: are calls made in good faith in the belief that the FRS really would be attending a fire or a special service.

Due to apparatus: are calls initiated by fire alarm and/or fire-fighting equipment (including accidental initiation of alarm apparatus by persons).

Fire false alarms are at their lowest for a decade. Over this period there has been a reduction of malicious fire false alarms from 13% of all fire false alarms in 2003-04 to 5% in 2012-13. The FRS activity that may have contributed to this reduction includes the FRS challenging the caller making these type of calls, and engaging in community youth engagement, etc.

Over the ten years there has been a steady increase in the proportion of false fire alarms that have been due to apparatus. Of all false fire alarms in 2012-13, 34,905 (74 %) were due to apparatus failure. The majority of fire false alarm due to apparatus were located in other buildings (70 %), i.e. not dwellings.

In 2012-13 the highest proportion of false fire alarms with good intent occurred in dwellings (39 %). There were 9,839 false fire alarms with good intent, which is 21 % of all false fire alarms for 2012-13.

Malicious false fire alarms accounted for 5 % (2,299) of total false fire alarms. This is the lowest figure for malicious false fire alarms reported in the last decade.

Of the 635 special service false alarms reported in 2012-13, 3 % were considered malicious and the rest (97 %) were raised with good intent.

4.4 **Special service incidents** ([Tables 6, 6a, 6b, 6c](#) and [7](#))

Special services are incidents that the FRS attend that are not fire related.

In 2012-13, the FRSs attended 9,130 special service incidents, a decrease of 10 % on the revised figures for 2011-12 (10,104). The highest proportion of these incidents were RTCs (road traffic collisions where a fire did not occur) at 25 % (2,255), followed by flooding at 15 % (1,348).

In just over half of all RTCs in Scotland in 2012-13, the FRS attended to make the vehicle safe or make scene safe (1,200) and 24 % of incidents required extrication of persons from vehicles (549).

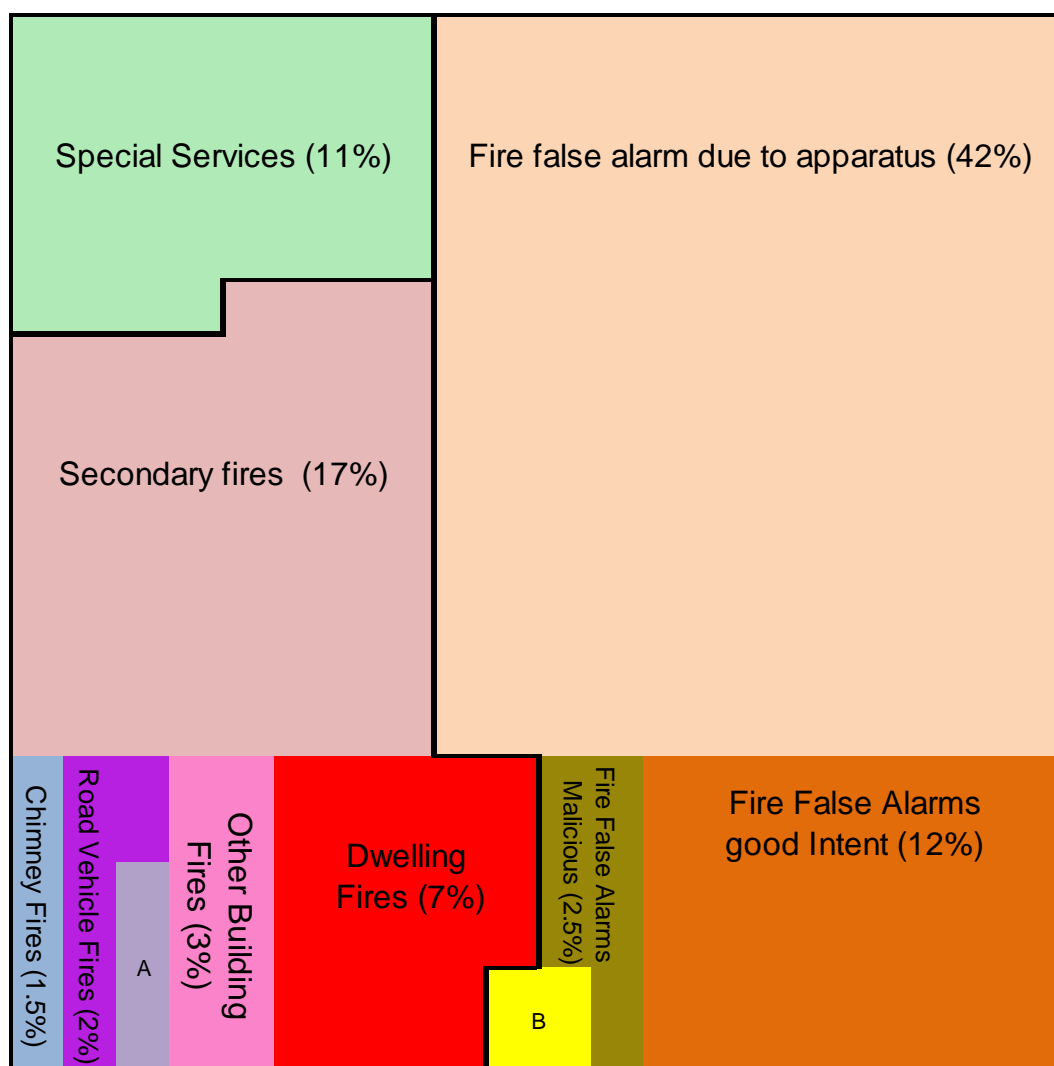
Flooding incidents in 2012-13 have increased by 19 % (1,348) since 2011-12. The number of pumping out incidents has increased by about a third over the two years.

The biggest decrease in special services incidents between 2011-12 and 2012-13 was in the category "Making safe (not RTCs)". This decreased from 924 to 242. When this was examined more closely it was found that in December 2011 and January 2012, there were 415 incidents (44 %) in the sub-category "Stabilise or otherwise make safe unsafe structure". This coincided with very strong winds experienced in the central belt of Scotland over the festive period 2011-12.²

Special service incidents in 2012-13 represented 11% of all incidents (83,421) that FRSs attended (Chart 4). More casualties are associated with special service incidents than fire incidents. In 2012-13, Scotland's FRSs reported 195 provisional fatal casualties and 2,432 provisional non-fatal casualties from special service incidents. The highest percentages of these were in RTCs where there were 47% of fatal casualties and 73% of non-fatal casualties.

² http://www.metoffice.gov.uk/climate/uk/interesting/2012_janwind

Chart 4: Proportion of type of incidents attend by FRSs in 2012-13 - Scotland



Notes

A – Other Primary Fires (1%)

B- Special Services False Alarms (1%)

Created on percentages of total incidents, percentage rounding may varied slightly to create this chart

It should be noted that there are other statistical reports of Road Traffic Collisions (RTCs) casualties and fatalities in Scotland. The publication '[Key Reported Road Casualty Statistics Scotland](#)' contains details provided by police forces in Scotland. In that publication, for 2012 provisionally there were 170 fatalities and 12,405 injuries (serious and slight combined)³ reported. Since the police can be considered to attend all RTCs and the FRSs attend only those where they are required, these

³ <http://www.transportscotland.gov.uk/strategy-and-research/publications-and-consultations/j276199-00.htm>

police casualty figures will be higher than FRS figures. The FRSs' RTC casualty figures reported in this fire publication are a subset of the police figures and specifically represent the FRS activity.

4.5 Building fires ([Tables 8](#) and [8a](#))

In 2012-13, a total of 8,201 building fires were recorded in Scotland, this is a decrease of 8 % from 2011-12 (8,879 building fires). This is the lowest value for over a decade. Of these building fires 71 % occurred in dwellings.

The 'Other building' sub-categories have changed since 2008-09 and reporting is now on these new categories. Of the 2,381 'Other buildings' fires, 20 %, were 'Other residential', 15 % were 'Private garages, sheds, etc' and 10 % were 'Industrial' and 'Retail'.

4.6 Outdoor fires ([Tables 9](#) and [9a](#))

Primary outdoor fires have decreased by 20 % for 2012-13 (2,844) compared to 2011-12 (3,538). For the last ten years, road vehicle fires have represented the largest proportion of fires in this category, accounting for 71 % of all primary outdoor fires in 2012-13. Of the 2,032 vehicle fires in 2012-13, 56 % occurred in cars (not abandoned), 13 % occurred in abandoned vehicles and the rest occurred in other types of road vehicles (not cars) (30 %).

The number of secondary outdoor fires for 2012-13 has decreased by 24 % from 18,676 in 2011-12 to 14,196 in 2012-13. The most common category in secondary outdoor fires was refuse fires.

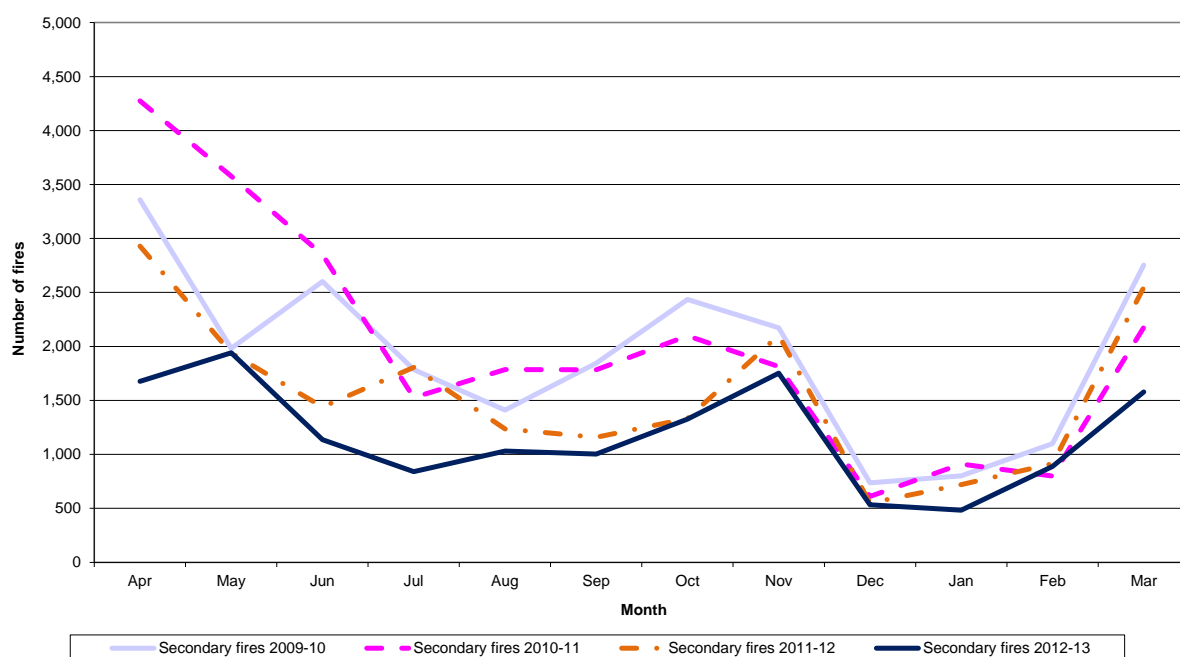
(The ten year trend data has been affected by changes in the recording system: previously there were 6 sub-categories of secondary fires and now there are over 100 (see section [6.5.3](#))).

The number of refuse fires in 2012-13 was 7,937, a decrease of 20 % from 2011-12 (9,934). Of these refuse fires, small /rubbish container fires (e.g. wheelie bins) accounted for 47 % whereas loose refuse and rubbish tip fires accounted for 45 % of secondary fires, whereas 8 % were large rubbish containers (e.g. skips).

Between 2011-12 and 2012-13, secondary fires decreased by 4,480. Grassland fires and loose refuse/rubbish tip accounted for 40 % and 26 % respectively for this decrease.

Chart 5 shows secondary fires by month over the four years. In 2012-13, in general each month there fewer fires than previous years.

Chart 5 – Secondary fires, Scotland – 2009-10 to 2012-13^P



Note

This is taken from [additional datasets](#) provided on-line along with this publication .

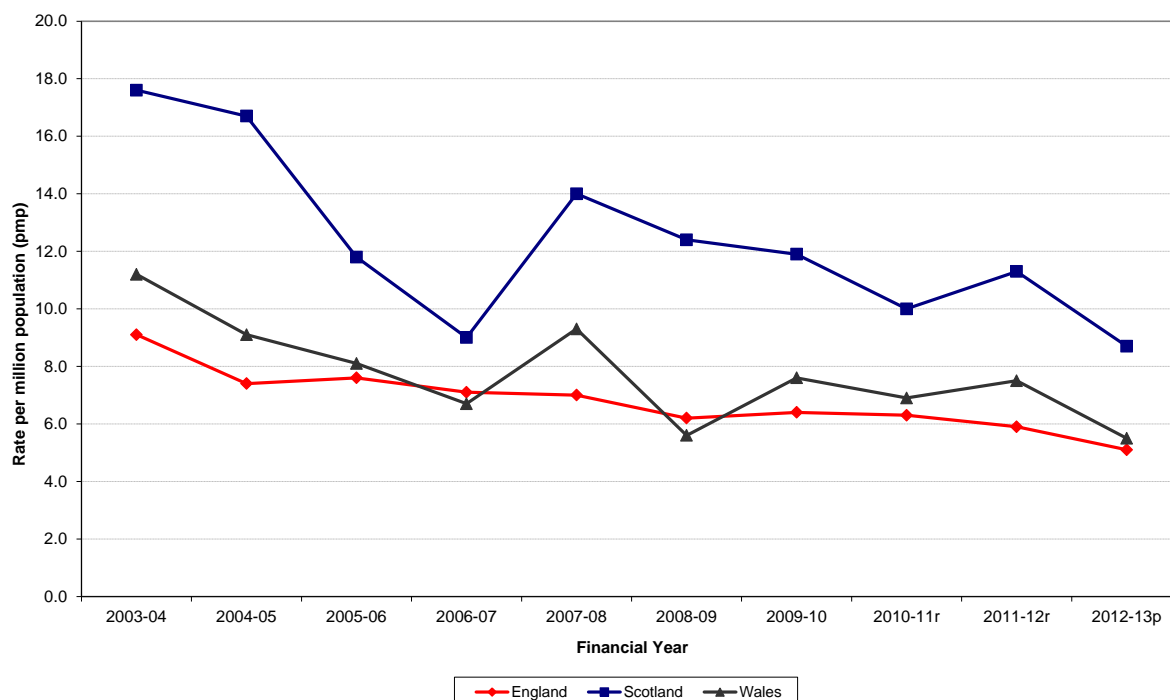
4.7 Fire casualty numbers and rates ([Tables 10](#), [10a](#), [10b](#), [11](#), [11a](#), [12](#), [12a](#), [12b](#), [12c](#), [12d](#), [13](#), [13a](#), [13b](#), [13c](#), [13d](#), [14](#), [14a](#), [14b](#), [14c](#), [14d](#), [15](#), [15a](#), [15b](#), [15c](#) and [15d](#))

At the time of this publication, the mid-year population figures from 2002 for England and Wales had been rebased (adjusted) to take account of the Census 2011 figures. For Scotland only the mid-year population figures have been rebased for 2011 and 2012.

In 2012-13, there were provisionally 46 fatal casualties in fires making the fatal casualty rate 8.7 fatalities per million population. This is the lowest rate in the last ten years.

However, the rate of fire fatal casualties per million population in Scotland at 8.7 was greater than England and Wales (5.1 and 5.5 respectively). Over the last ten years Scotland has continually had a higher fire fatality rate than the rest of Great Britain (Chart 6).

Chart 6 – Rate of fatal fire casualties per million population – Great Britain– 2003-04 to 2012-13



Notes

p – provisional

r - revised

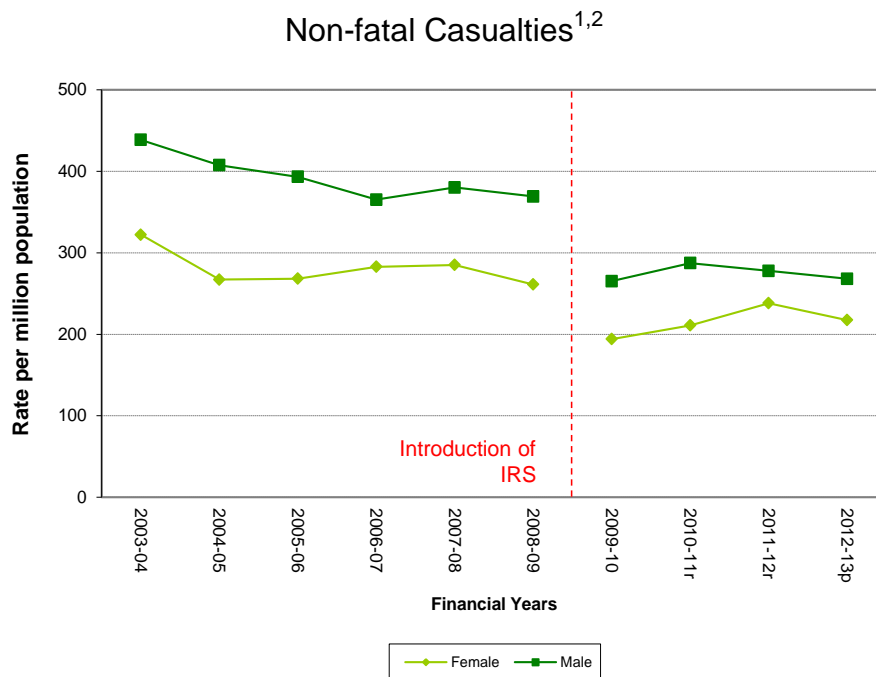
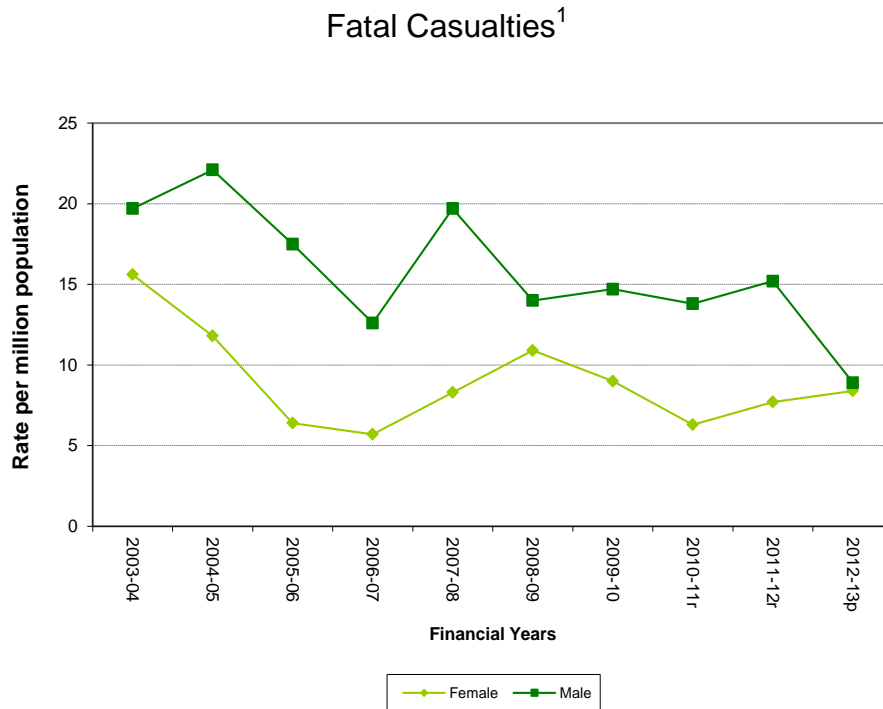
This trend is found in the non-fatal casualties rates. In 2012-13, the rate for Scotland was 246.7 non-fatal casualties per million population, whereas in Wales it was 174.7 and in England it was 156.6. Scotland has had a consistently higher rate than England and Wales over the last ten years, even taking into account the change in reporting of non-fatal casualties from 2009-10 (see section [6.5.2ii](#) for more details).

Casualties relating to gender

In 2012-13, 23 males and 23 females were fatal casualties in primary fires; this is the first time in ten years that number of males deaths were not higher than female.

The 2012-13 rate of fatal casualties per million population for males was 8.9 whereas females was 8.4. ([Chart 7 – fatal casualties](#))

Chart 7 – Non-FRS personnel fire casualty rates per million population from primary fires – by gender, Scotland, 2003-04 to 2012-13^p



Notes for Chart 7

p - provisional

r - revised

1 - refers to persons who are not members of the fire and rescue service

2- there has been a change in the recording of non-fatal casualties and 2009-10 and beyond can no longer be compared to previous years - see section [6.5.2 ii](#)

In 2012-13, there were provisionally 1,311 non-fatal casualties in primary fires (246.7 casualties per million population). Without the FRS personnel non-fatal casualties (16) there were 1,295 members of public (non-FRS) who were non-fatal casualties (242.0 casualties per million population).

In 2012-13, there were 691 males who were non-fatal fire casualties compared with 595 females (this excludes FRS personnel figures and where gender was unknown). Males are more likely than females to be injured in a fire and this has been a consistent trend over the last decade. The rate of non-fatal casualties per million population for males was 268.1, whereas females were 217.4. ([Chart 7- non-fatal casualties](#)).

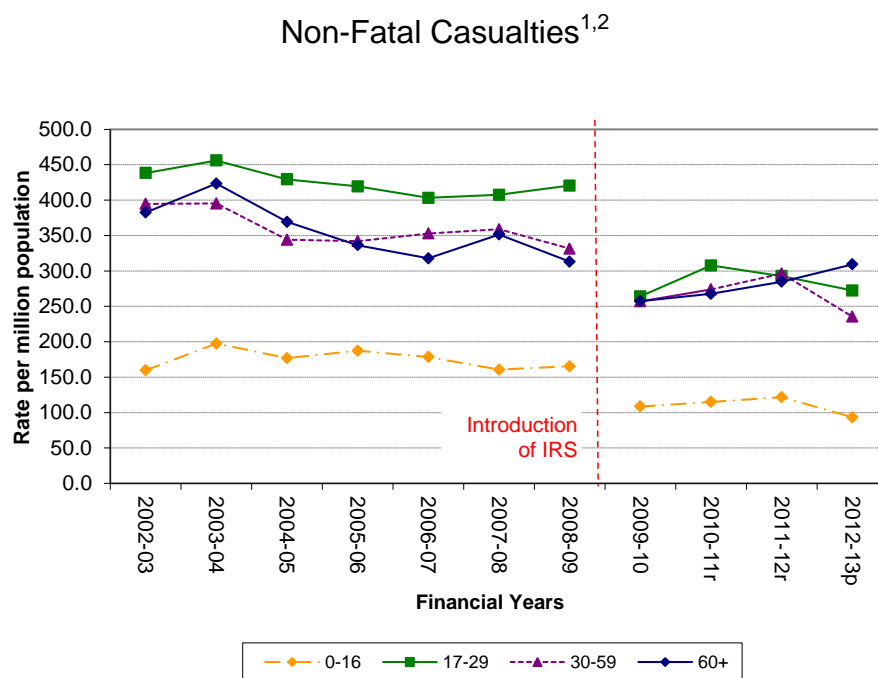
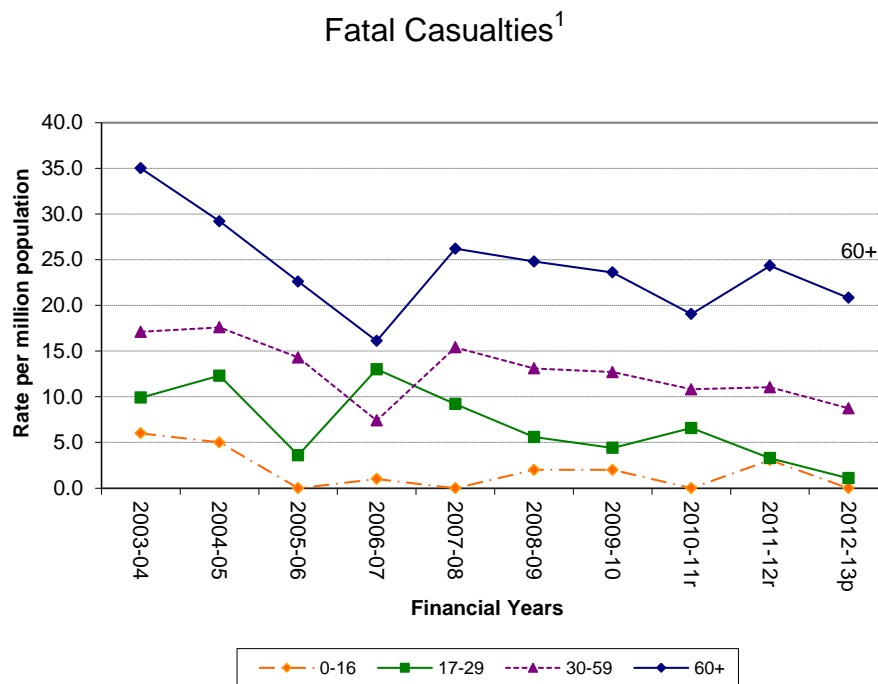
There were 16 fatal casualties (35 %) in 2012-13 who were 'overcome by smoke, gas or fumes'. Similarly, this was the highest category for (non-FRS) non-fatal casualties at 40 % (524), followed by precautionary check-ups at 24 % (317). Of these non-fatal casualties, 494 members of the public were given first aid at the scene (38 %), 429 were sent to hospital with slight injuries (33 %), 317 were recommended precautionary checks (24 %) and 55 went to hospital with serious injuries (4 %).

Casualties relating to age

Of the 46 fatal casualties in 2012-13, there were 26 in the 60 and over age group, followed by 19 in the 30-59 year age group. The rate of fatal casualties was 20.8 per million population in the 60 and over age group, more than double the Scottish rate of 8.7, whereas the 30-59 age group rate was the same this year at 8.7. Throughout the last ten years the 60 and over age group has always had the highest rate of fatal casualties per million population. ([Chart 8 – fatal casualties](#))

In 2012-13, the 30-59 year olds age range had the highest number of non-fatal casualties with 512 (41 %), (this excludes FRS personnel figures and where age was unknown), followed by the 60 and over age group with 386 (31 %). The age range of 60 and over age group has the highest rate of non-fatal casualties at 309.2 casualties per million population. ([Chart 8 – non-fatal casualties](#)). This year for the first time in a decade the 60 and over age range has the highest non-fatal casualties rate per million population within the 4 age groups.

Chart 8 – Non-FRS personnel fire casualty rates per million population from primary fires – by age range, Scotland, 2003-04 to 2012-13^p



p - provisional
r – revised

1 - refers to persons who are not members of the fire and rescue service

2 - there has been a change in the recording of non-fatal casualties and 2009-10 and beyond can no longer be compared to previous years - see section [6.5.2](#) ii

4.8 Rescues from fires ([Tables 16](#), [16a](#) and [16b](#))

The majority of rescues from fires are performed by FRS personnel, but sometimes other people can be involved in making the rescues. In 2012-13, there were a total of 785 rescues, 51 % of rescues involved a person who was a casualty and 49 % involved a person who was rescued but not injured.

The largest number of rescues involved persons who were in the age group of 30-59 years old (40 %) followed by the 60 and over age group (33 %).

The rate of rescues per million population for 2012-13 for Scotland was 147.7. The 60 and over age group had the highest rate of rescue per million population at 207.5 and the lowest belong to the 0-16 age group at 62.5.

4.9 Deliberate and accidental fires ([Tables 17](#), [18](#), [19](#) and [19a](#))

In 2012-13, there were 8,222 primary fires reported as accidental compared to 2,823 that were considered deliberate: 74 % and 26 % respectively. For 2012-13, the most common location for an accidental fire was in a dwelling (61 %). Accidental dwelling fires for 2012-13 are at their lowest level in the last ten years at 4,994. In the previous 9 years, the most common location for a deliberate fire was a road vehicle but this year it is dwellings. There were 826 deliberate dwelling fires compared to 814 deliberate road vehicle fires in Scotland in 2012-13.

There were provisionally 39 fatal casualties in accidental primary fires and 7 in deliberate primary fires in 2012-13. In accidental fires most fatal casualties occurred in dwellings (37). Fatal casualties from accidental primary fires are at their second lowest value in ten years.

There were provisionally 1,119 non-fatal casualties in accidental primary fires and 192 in deliberate primary fires in 2012-13. Again the majority of non-fatal casualties occurred in dwellings, 1,014 in accidental dwelling fires (91 %) and 150 in deliberate dwelling fires (78 %).

In 2012-13, there were 12,238 deliberate secondary fires (86 %) compared to 1,958 accidental secondary fires (14 %). Secondary fires have always had a much higher proportion of deliberate fires than primary. The majority of deliberate secondary fires involved refuse (58 %), followed by grassland (22 %). Within accidental secondary fires, refuse and grassland were also the most common types of fire, 43 % and 39 % respectively.

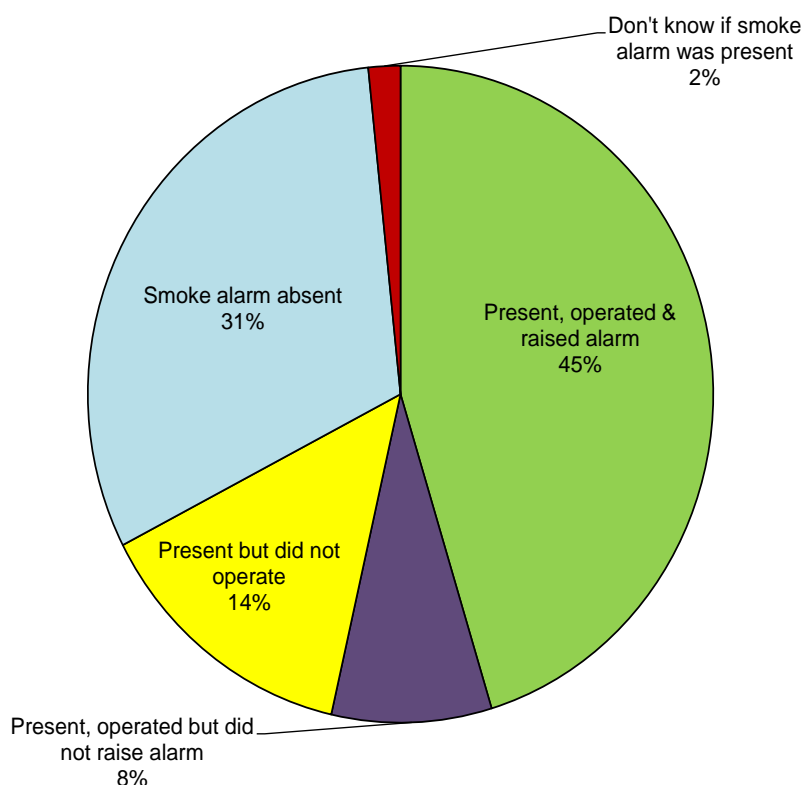
4.10 Smoke alarms ([Tables 20](#) and [20a](#))

The presence of smoke alarms has always been reported in FDR1 data, but with the introduction of IRS a new category has been included i.e. 'Don't know if smoke alarm was present' (see section [6.5.3](#)) – thus slightly affecting the comparability of these statistics prior to 2009-10.

In 45 % of primary dwelling fires in 2012-13 there was a smoke alarm present, that operated and raised the alarm (2,636).

For 2012-13, there were 1,801 dwelling fires (31 %) where a smoke alarm was absent and there were 96 dwelling fires (2 %) where it was not known if a smoke alarm was present.

Chart 9 – Primary fires in dwellings by smoke alarm presence and operation, Scotland – 2012-13^p



In 2012-13, 13 of the provisional fatal casualties occurred in dwelling fires where there were no smoke alarms (32 %). For the provisional non-fatal casualties, 305 were in a dwelling fire where no smoke alarm was present (26 %).

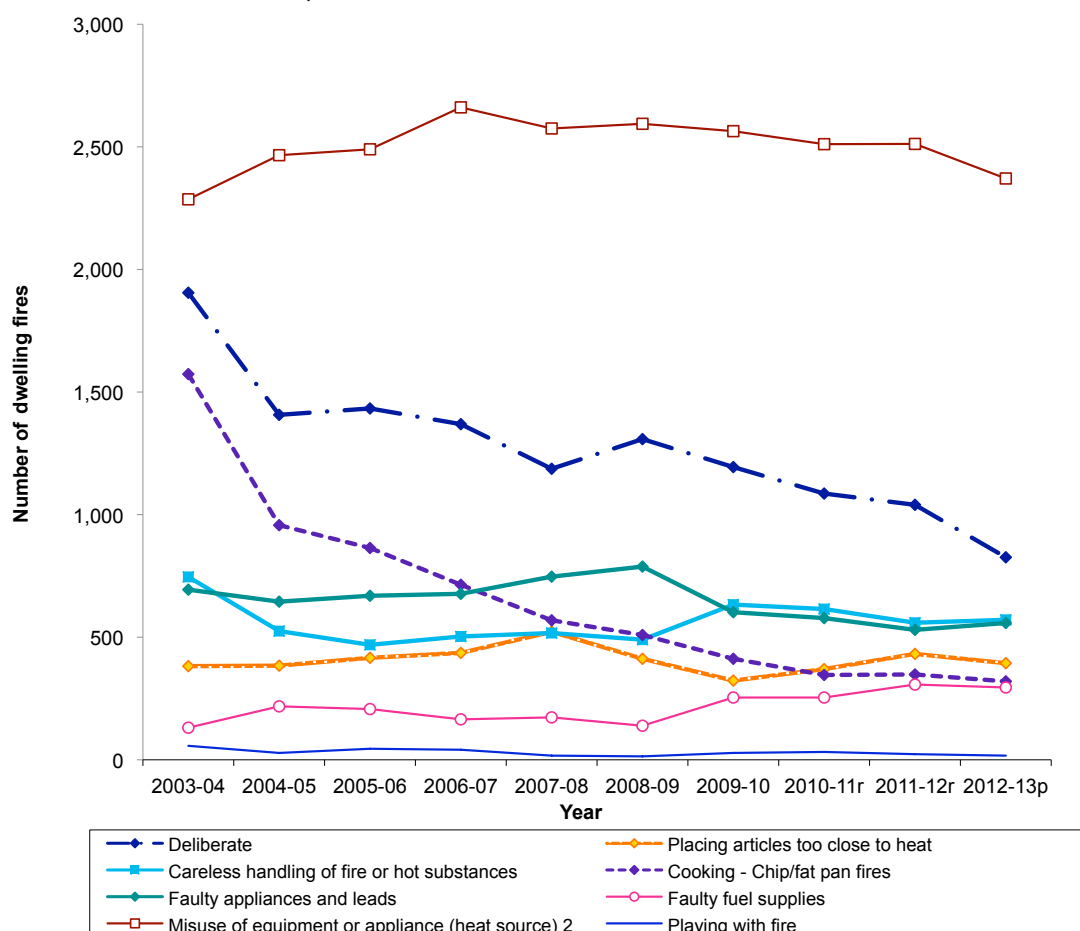
4.11 Causes and source of ignition of fires ([Tables 21](#), [21a](#), [22](#), [23](#), [24](#), [24a](#) and [24b](#))

This year, a new table (Table 22) on source of ignition has been added to this publication. When a fire occurs there is a cause and a source of ignition. For example, if a pan of fat is being heated on a cooker and ignites into a fire, the *cause* of the fire would be classified as 'Cooking – Chip/fat pan' and the *source* of ignition would be the cooking appliance – 'Cooker (including oven)'. The source of ignition tends to be the heat source that created the fire, if the cooker had not been on in this example there would have been no fire, as there was no heat source to create the ignition.

In 2012-13, of the 5,820 dwelling fires, the most common cause was 'misuse of equipment or appliance' (41 %) followed by 'deliberate' (14 %). Deliberate dwelling fires were at a ten year low in 2012-13 (Chart 10).

For 2012-13, the most common specific cause of fires in 'Other buildings' was deliberate at 29 %, followed by faulty appliances and leads at 16 %

Chart 10 - Main causes of fires in dwellings (excluding 'others' as a cause), 2003-04 to 2012-13^p, Scotland ¹



Notes

p – provisional

r - revised

1 - before 2009-10, figures for primary fires are based on sample data weighted to Fire and Rescue Service totals

2 - Under IRS, the category for "Misuse of equipment or appliances" includes incidents which have been recorded as "Other cooking" (a new category introduced with IRS). It is believed that the majority of these incidents were previously recorded as the misuse of cooking appliances under the FDR1 collection

Table B: Top ten sources of ignition in accidental dwelling fires - 2012-13^p - Scotland

| Source of ignition | Number | Percentage |
|---|--------|------------|
| Cooking appliance - Cooker incl. oven | 1,907 | 38% |
| Cooking appliance - Grill/Toaster | 491 | 10% |
| Cooking appliance - Ring/hot plate (separate appliance) | 405 | 8% |
| Electricity supply - Wiring, cabling, plugs | 373 | 7% |
| Smoking related - Smoking materials | 350 | 7% |
| Cooking appliance - Microwave oven | 187 | 4% |
| Not known/other | 183 | 4% |
| Heating equipment - Heating/Fire | 176 | 4% |
| Candles | 107 | 2% |
| Other domestic style appliance - Tumble dryer | 82 | 2% |

In 2012-13, the top cause of ignition in accidental dwelling fires was 'Cooker (including oven)' at 38 %. When all types of cooking appliances are summed together these were the source of ignition in 61 % of accidental dwellings fires (3,034).

A new standard for cigarettes has been created in the United Kingdom. On 31 December 2010, the British Standards Institution (BSI) published the standard BS EN 16156 ("Cigarettes - Assessment of the ignition propensity – safety requirement") based on the European standard created earlier that year. From 17 November 2011 all cigarettes manufactured in Europe had to meet these new EU safety standards.

As a result of the required EU standard, cigarette paper manufacturers changed their paper production to insert two rings of thicker paper at two points along the cigarette. If the cigarette is left unattended, the burning tobacco will hit one of these rings and should then self-extinguish because the ring restricts the oxygen supply thus creating a cigarette with a reduced ignition propensity.

Reduced ignition propensity (RIP) cigarettes were introduced to Scotland in the last 4 months of 2011-12. The figures for 2012-13 are the first complete financial year of reporting with this new standard.

Cigarettes are recorded as part of 'smoking materials' and there was a decrease of 32 accidental dwelling fires with this source of ignition between 2011-12 (382) and 2012-13 (350). Over the last 4 years smoking materials have consistently been the ignition source of 7 % of all accidental dwelling fires. As this is the first full year of this standard we are unable to tell if this decrease is part of a downward trend. This will be monitored in the future.

In 2012-13, 41 % of fatal casualties occurred in accidental dwelling fires which arose due to careless handling of fire or hot substances (15 of 37 fatal casualties). Smoker's materials and matches were the main source of ignition in 46% (17 of 37 fatal casualties).

The main cause of accidental dwelling fires where non-fatal casualties occurred was misuse of equipment or appliance 36 % (367), whereas cooking appliances accounted for 59 % (600) of the main source of ignition in accidental fires where a non-fatal casualty occurred.

With the introduction of IRS in 2009, FRSs started to record where there was the suspected influence of alcohol/drugs involved in a fire. In 2012-13 there were 775 (16%) accidental dwelling fires where impairment due to suspected alcohol and /or drugs use was a contributory factor to the fire. This was a decrease of 10 % on last year's figure of 865.

It should be noted that if a fire is suspected to have been influenced by impairment due to alcohol and/or drugs, this does not imply that all casualties were under the influence of alcohol and/or drugs.

In these type of accidental dwelling fires, in 2012-13, there were 10 fatal casualties and 277 non-fatal casualties. These figures decreased from 2011-12, where there were 14 fatal casualties and 298 non-fatal casualties.

4.12 Spread of fire and number of appliances attending fires (Tables [25](#), [26](#) and [26a](#))

With changes to recording through the IRS system, a new category 'smoke and/or heat damage only' has been included in spread of fire (see section [6.5.3 vi](#) for details), which has affected the long term trend data. For 2012-13, 44 % (2,535) of fires in dwellings were reported with smoke and heat damage only. Of the 56 % of incidents in dwellings where flames were reported (3,285), the largest proportion of the fires were 'confined to the item first ignited' (46 %).

In 2012-13, the majority of primary fires were attended by no more than 2 appliances (77 %). There were 137 primary fires in Scotland that required more than 5 appliances which accounts for 1 % of all primary fires.

The majority of secondary fires in 2012-13 were attended by 1 appliance (84%). The majority of secondary fires were outdoor refuse fires.

4.13 Time of call to fires (Tables [27](#), [27a](#) and [28](#))

For 2012-13 the number of call outs to primary fires generally peaked between early and late evening (5 pm to 9 pm) at over 700 incidents an hour. Scotland's busiest hour for call outs to primary fires was 5 pm to 5:59 pm (745 or 7 %).

Call outs to dwelling fires peaked between 4 pm and 9 pm in 2012-13. Other building fires were more evenly distributed throughout the day, though there were over 140 incidents between 4 pm to 5 pm and 7 pm to 9 pm., whereas primary outdoor fires generally occurred between 7 pm and 1 am. ([Chart 11](#))

Chart 11 – Primary fires by location and time of call, Scotland, 2012-13^p

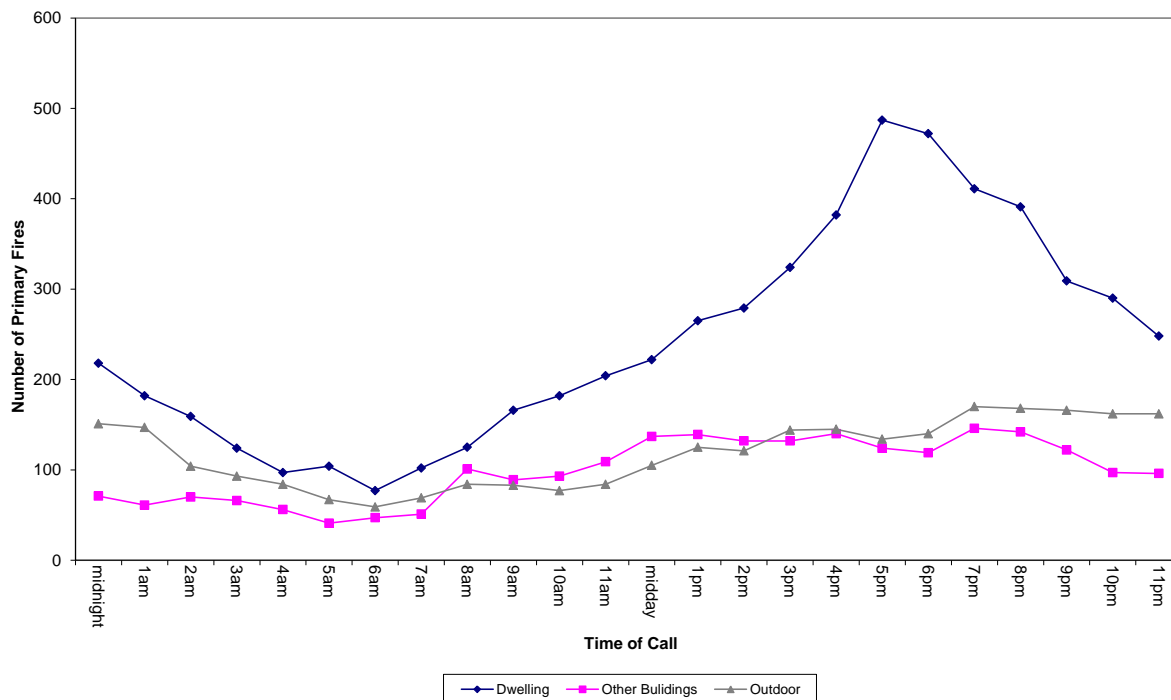
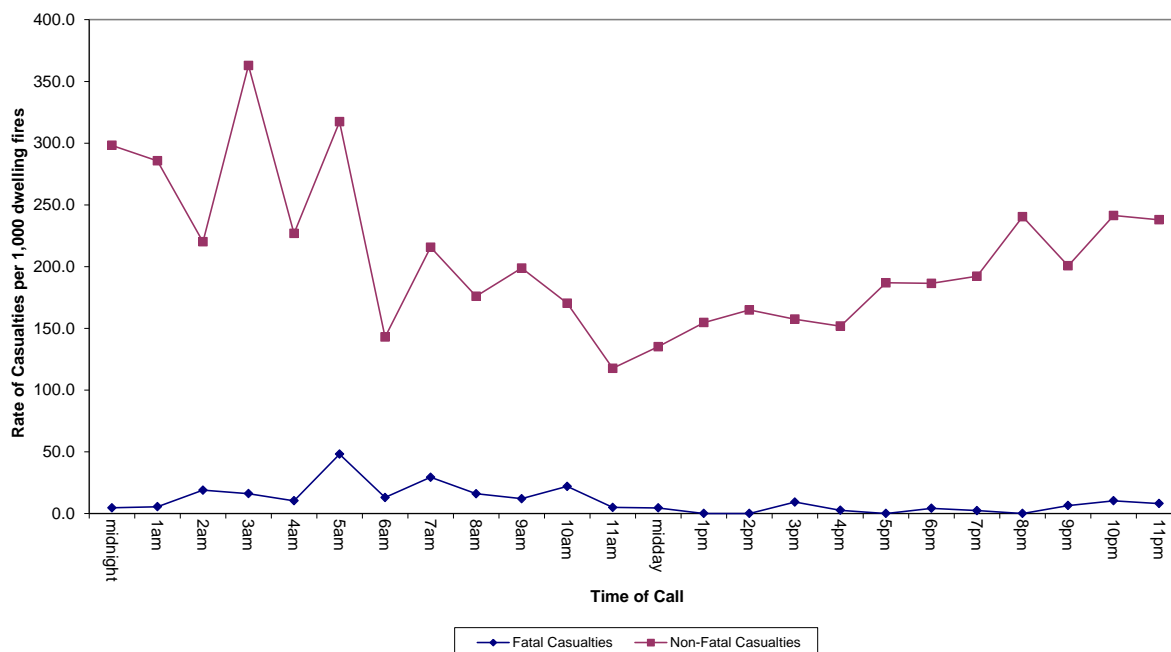


Chart 12 – Rate of fatal and non-fatal casualties per 1,000 primary dwelling fires by time of call Scotland, 2012-13^p



The rate of non-fatal casualties per 1,000 dwelling fires peaked twice in 2012-13 from 3 am to 4 am and 5 am to 6 am with more than 300 non-fatal casualties per 1,000 dwelling fires. ([Chart 12](#))

The numbers of dwelling fires were greater in the evening but the rate of casualties per 1,000 dwelling fires increased between late afternoon and early-morning.

5. Appendix of tables

[Table 1: Fires by location, 2003-04 to 2012-13^P - Scotland](#)

[Table 1a: Fires by location, 2012-13 provisional - Fire and Rescue Service](#)

[Table 2: Casualties by location 2003-04 to 2012-13^P - Scotland](#)

[Table 2a: Casualties by location 2012-13 provisional - Fire and Rescue Service](#)

[Table 3: Casualties from accidental dwelling fires 2003-04 to 2012-13^P - Scotland](#)

[Table 3a: Casualties from accidental dwelling fires 2012-13 provisional - Fire and Rescue Service](#)

[Table 4: False fire alarms 2003-04 to 2012-13^P - Scotland](#)

[Table 4a: False fire alarms 2012-13 provisional - Fire and Rescue Service](#)

[Table 4b: Malicious fire false alarms by location 2009-10 to 2012-13^P](#)

[Table 4c: Fire false alarms due to apparatus by location 2009-10 to 2012-13^P](#)

[Table 4d: Fire false alarms due to good intent by location 2009-10 to 2012-13^P](#)

[Table 5: Special services false alarms 2009-10 to 2012-13^P - Scotland](#)

[Table 5a: Special services false alarms 2012-13 provisional - Fire and Rescue Service](#)

[Table 6: Special services 2009-10 to 2012-13^P - Scotland](#)

[Table 6a: Special services 2012-13 provisional - Fire and Rescue Service](#)

[Table 6b: Special services 2009-10 to 2012-13^P - road traffic collisions - Scotland](#)

[Table 6c: Special services 2009-10 to 2012-13^P - flooding - Scotland](#)

[Table 7: Casualties from special services 2009-10 to 2012-13^P – Scotland](#)

[Table 8: Primary fires by location of buildings 2003-04 to 2012-13^P - Scotland](#)

[Table 8a: Primary fires by location of buildings 2012-13 provisional - Fire and Rescue Service](#)

[Table 9: Outdoor fires by location 2003-04 to 2012-13^P – Scotland](#)

[Table 9a: Outdoor fires by location 2012-13 provisional - Fire and Rescue Service](#)

[Table 10: Rate of fatal casualties from primary fires per million population 2003-04 to 2012-13^P - Great Britain](#)

[Table 10a: Rate of non-fatal casualties from primary fires per million population 2003-04 to 2012-13^P - Great Britain](#)

[Table 10b: Rate of non-fatal casualties \(excluding precautionary check-ups\) from primary fires per million p casualties population 2003-04 to 2012-13^P - Great Britain](#)

[Table 11: Rate of casualties from primary fires 2003-04 to 2012-13^P - Scotland](#)

[Table 11a: Rate of casualties from primary fires 2012-13 provisional - Fire and Rescue Service](#)

[Table 12: Fatal casualties from primary fires by gender 2003-04 to 2012-13^P - Scotland](#)

[Table 12a: Non-fatal casualties from primary fires by gender 2003-04 to 2012-13^P - Scotland](#)

[Table 12b: Fatal casualties from primary fires by gender and cause of death 2012-13 provisional - Scotland](#)

[Table 12c: Non-fatal casualties from primary fires by gender and nature of injury 2012-13 provisional - Scotland](#)

[Table 12d: Non-fatal casualties from primary fires by age and nature of treatments 2012-13 provisional - Scotland](#)

[Table 13: Rate of Non-Fire and Rescue Service fatal casualties from primary fires where the gender is known per million population 2003-04 to 2012-13^P - Scotland](#)

[Table 13a: Rate of Non-Fire and Rescue Service non-fatal casualties from primary fires where the gender is known per million population 2003-04 to 2012-13^P - Scotland](#)

[Table 13b: Rate of Non-Fire and Rescue Service fatal casualties from primary fires where the gender is known by cause of death per million population 2012-13 provisional - Scotland](#)

[Table 13c: Rate of Non-Fire and Rescue Service fatal casualties from primary fires where the gender is known by nature of injury per million population 2012-13 provisional - Scotland](#)

[Table 13d: Rate of Non-Fire and Rescue Service fatal casualties from primary fires where the gender is known by nature of treatment per million population 2012-13 provisional - Scotland](#)

[Table 14: Fatal casualties from primary fires by age 2003-04 to 2012-13^P - Scotland](#)

[Table 14a: Non-fatal casualties from primary fires by age 2003-04 to 2012-13^P - Scotland](#)

[Table 14b: Fatal casualties from primary fires by age and cause of death 2012-13 provisional - Scotland](#)

[Table 14c: Non-fatal casualties from primary fires by age and nature of injury 2012-13 provisional - Scotland](#)

[Table 14d: Non-fatal casualties from primary fires by age and nature of treatment 2012-13 provisional - Scotland](#)

[Table 15: Rate of Non-Fire and Rescue Service fatal casualties from primary fires where the age is known per million population 2003-04 to 2012-13^P - Scotland](#)

[Table 15a: Rate of Non-Fire and Rescue Service non-fatal casualties from primary fires where the age is known per million population 2003-04 to 2012-13^P - Scotland](#)

[Table 15b: Rate of Non-Fire and Rescue Service fatal casualties from primary fires where the age is known by cause of death per million population 2012-13 provisional - Scotland](#)

[Table 15c: Rate of Non-Fire and Rescue Service fatal casualties from primary fires where the age is known by nature of injury per million population 2012-13 provisional - Scotland](#)

[Table 15d: Rate of Non-Fire and Rescue Service fatal casualties from primary fires where the age is known by nature of treatment per million population 2012-13 provisional - Scotland](#)

[Table 16: Number of fire rescues 2009-10 to 2012-13^P - Scotland](#)

[Table 16a: Age range of persons rescued from fires 2009-10 to 2012-13^P - Scotland](#)

[Table 16b: Rate of persons rescued from fires per million population by age range 2009-10 to 2012-13^P - Scotland](#)

[Table 17: Primary fires by location and motive of fire 2003-04 to 2012-13^P - Scotland](#)

[Table 18: Primary fires and casualties by motive 2012-13 provisional - Fire and Rescue Services](#)

[Table 19: Secondary fires by motive of fire - 2009-10 to 2012-13^P - Scotland](#)

[Table 19a: Secondary fires by motive of fire - 2012-13 provisional - Fire and Rescue Service](#)

[Table 20: Primary dwelling fires and casualties by presence and operation of smoke alarms 2003-04 to 2012-13^P - Scotland](#)

[Table 20a: Primary dwelling fires and casualties by presence and operation of smoke alarms 2012-13 provisional - Fire and Rescue Service](#)

[Table 21: Primary fires in dwellings and other buildings by cause 2003-04 to 2012-13^P - Scotland](#)

[Table 21a: Primary fires in dwellings and other buildings by cause 2012-13 provisional - Fire and Rescue Service](#)

[Table 22: Accidental dwelling fires by source of ignition - 2009-10 to 2012-13^P - Scotland](#)

[Table 23: Casualties from accidental primary dwelling fires by source of ignition and cause 2012-13 provisional – Scotland](#)

[Table 24: Accidental dwelling fires where impairment due to suspected alcohol/drugs use was a contributory factor, 2009-10 to 2012-13^P - Scotland](#)

[Table 24a: Accidental dwelling fires where impairment due to suspected alcohol/drugs use was a contributory factor, 2012-13 provisional - Fire and Rescue service](#)

[Table 24b: Casualties from accidental dwelling fires where suspected alcohol/drug use was a contributory factor to the fire, 2009-10 to 2012-13^P - Scotland](#)

[Table 25: Primary fires in dwellings and other buildings by spread of fire 2003-04 to 2012-13^P - Scotland](#)

[Table 26: Number and percentage of primary and secondary fires by number of appliances in attendance 2009-10 to 2012-13^P - Scotland](#)

[Table 26a: Number and percentage of primary and secondary fires by number of appliances in attendance 2012-13 provisional - Fire and Rescue Service](#)

[Table 27: Primary fires by location and time of call 2003-04 to 2012-13^P - Scotland](#)

[Table 27a: Primary fires by location and time of call, 2012-13 provisional - Fire and Rescue Service](#)

[Table 28: Rates of casualties in dwelling fires by time of call 2003-04 to 2012-13^P - Scotland](#)

Table 1: Fires by location, 2003-04 to 2012-13^p – Scotland¹

| Year | Primary Fires ¹ | | | | Primary Total | Secondary Fires | Chimney Fires | Number All Fires |
|----------------------|----------------------------|-----------------|---------------|--------|---------------|-----------------|---------------|---------------------|
| | Dwellings | Other Buildings | Road Vehicles | Others | | | | |
| 2003-04 | 8,131 | 3,445 | 4,921 | 1,191 | 17,688 | 42,181 | 1,893 | 61,762 |
| 2004-05 | 7,048 | 3,134 | 4,002 | 966 | 15,150 | 27,547 | 1,474 | 44,171 |
| 2005-06 | 7,061 | 3,258 | 3,868 | 938 | 15,125 | 31,554 | 1,696 | 48,375 |
| 2006-07 | 6,963 | 2,887 | 3,856 | 1,052 | 14,757 | 32,397 | 1,430 | 48,584 |
| 2007-08 | 6,666 | 2,922 | 3,064 | 966 | 13,618 | 30,385 | 1,633 | 45,636 |
| 2008-09 | 6,705 | 2,630 | 2,931 | 908 | 13,174 | 25,651 | 1,745 | 40,570 |
| 2009-10 | 6,573 | 3,008 | 2,992 | 1,445 | 14,018 | 22,981 | 1,738 | 38,737 |
| 2010-11 ^r | 6,300 | 2,838 | 2,688 | 1,372 | 13,198 | 24,207 | 1,565 | 38,970 |
| 2011-12 ^r | 6,161 | 2,718 | 2,363 | 1,175 | 12,417 | 18,676 | 1,243 | 32,336 |
| 2012-13 ^p | 5,820 | 2,381 | 2,032 | 812 | 11,045 | 14,196 | 1,372 | 26,613 |

Table 1a: Fires by location, 2012-13 provisional - Fire and Rescue Service

| FRS | Primary Fires | | | | Primary Total | Secondary Fires | Chimney Fires | Number All Fires |
|---------------------|---------------|-----------------|---------------|--------|---------------|-----------------|---------------|---------------------|
| | Dwellings | Other Buildings | Road Vehicles | Others | | | | |
| Central | 206 | 118 | 80 | 39 | 443 | 596 | 32 | 1,071 |
| Dumfries & Galloway | 107 | 65 | 54 | 11 | 237 | 125 | 106 | 468 |
| Fife | 298 | 132 | 130 | 68 | 628 | 691 | 39 | 1,358 |
| Grampian | 555 | 254 | 216 | 72 | 1,097 | 756 | 197 | 2,050 |
| Highlands & Islands | 183 | 113 | 119 | 68 | 483 | 589 | 508 | 1,580 |
| Lothian & Borders | 1,207 | 420 | 296 | 184 | 2,107 | 2,021 | 157 | 4,285 |
| Strathclyde | 2,788 | 1,089 | 999 | 327 | 5,203 | 8,737 | 219 | 14,159 |
| Tayside | 476 | 190 | 138 | 43 | 847 | 681 | 114 | 1,642 |
| Scotland | 5,820 | 2,381 | 2,032 | 812 | 11,045 | 14,196 | 1,372 | 26,613 |

Notes

p - provisional

r - revised

1 - figures before 2009-10 for primary fires are based on sample data weighted to Fire and Rescue Service totals

Table 2: Casualties by location 2003-04 to 2012-13^p – Scotland²

| Year | Fatal Casualties in Primary Fires | | | | | Number | Non-Fatal Casualties in Primary Fires ¹ | | | | | Number | Non-Fatal Casualties in Primary Fires excluding precautionary check-ups ¹ | | | | | Number |
|----------------------|-----------------------------------|-----------------|---------------|--------|------------------------|----------------------------|--|-----------------|---------------|--------|----------------------------|-----------|--|---------------|--------|----------------------------|--|--------|
| | Dwellings | Other Buildings | Road Vehicles | Others | Fatal Casualties Total | Non-Fatal Casualties Total | Dwellings | Other Buildings | Road Vehicles | Others | Non-Fatal Casualties Total | Dwellings | Other Buildings | Road Vehicles | Others | Non-Fatal Casualties Total | | |
| | | | | | | | | | | | | | | | | | | |
| 2003-04 | 56 | 18 | 10 | 5 | 89 | 1,690 | 144 | 70 | 47 | 1,951 | 850 | 99 | 55 | 43 | 1,047 | | | |
| 2004-05 | 76 | 2 | 3 | 4 | 85 | 1,533 | 99 | 60 | 38 | 1,730 | 812 | 62 | 44 | 25 | 943 | | | |
| 2005-06 | 53 | 2 | 4 | 1 | 60 | 1,472 | 134 | 52 | 34 | 1,692 | 778 | 79 | 32 | 27 | 916 | | | |
| 2006-07 | 38 | 1 | 6 | 1 | 46 | 1,450 | 125 | 63 | 35 | 1,673 | 750 | 66 | 48 | 32 | 896 | | | |
| 2007-08 | 58 | 4 | 6 | 4 | 72 | 1,537 | 109 | 47 | 26 | 1,719 | 793 | 59 | 35 | 22 | 909 | | | |
| 2008-09 | 54 | 2 | 3 | 5 | 64 | 1,457 | 80 | 68 | 43 | 1,648 | 737 | 56 | 58 | 37 | 888 | | | |
| 2009-10 | 53 | 4 | 4 | 1 | 62 | 1,024 | 95 | 66 | 29 | 1,214 | 781 | 84 | 59 | 25 | 949 | | | |
| 2010-11 ^f | 45 | 3 | 3 | 1 | 52 | 1,142 | 109 | 41 | 36 | 1,328 | 935 | 89 | 35 | 32 | 1,091 | | | |
| 2011-12 ^f | 52 | 4 | 3 | 1 | 60 | 1,221 | 99 | 57 | 38 | 1,415 | 938 | 85 | 43 | 33 | 1,099 | | | |
| 2012-13 ^p | 41 | 1 | 2 | 2 | 46 | 1,164 | 87 | 33 | 27 | 1,311 | 867 | 72 | 30 | 24 | 993 | | | |

Table 2a: Casualties by location 2012-13 provisional - Fire and Rescue Service

| FRS | Fatal Casualties in Primary Fires | | | | | Number | Non-Fatal Casualties in Primary Fires | | | | | Number | Non-Fatal Casualties in Primary Fires excluding precautionary check-ups | | | | | Number |
|---------------------|-----------------------------------|-----------------|---------------|--------|------------------------|----------------------------|---------------------------------------|-----------------|---------------|--------|----------------------------|-----------|---|---------------|--------|----------------------------|--|--------|
| | Dwellings | Other Buildings | Road Vehicles | Others | Fatal Casualties Total | Non-Fatal Casualties Total | Dwellings | Other Buildings | Road Vehicles | Others | Non-Fatal Casualties Total | Dwellings | Other Buildings | Road Vehicles | Others | Non-Fatal Casualties Total | | |
| | | | | | | | | | | | | | | | | | | |
| Central | 1 | 1 | - | - | 2 | 24 | 4 | - | 2 | 30 | 23 | 3 | - | 2 | 28 | | | |
| Dumfries & Galloway | - | - | - | - | - | 32 | 2 | 2 | - | 36 | 29 | 2 | 2 | - | 33 | | | |
| Fife | 2 | - | - | - | 2 | 62 | 5 | 2 | 2 | 71 | 46 | 4 | 2 | 2 | 54 | | | |
| Grampian | 6 | - | 1 | - | 7 | 109 | 16 | 8 | 4 | 137 | 99 | 16 | 8 | 4 | 127 | | | |
| Highlands & Islands | 3 | - | - | - | 3 | 57 | 4 | - | 3 | 64 | 47 | 2 | - | 3 | 52 | | | |
| Lothian & Borders | 11 | - | 1 | 1 | 13 | 254 | 19 | 4 | 2 | 279 | 229 | 16 | 3 | 2 | 250 | | | |
| Strathclyde | 16 | - | - | 1 | 17 | 531 | 32 | 15 | 13 | 591 | 324 | 24 | 13 | 10 | 371 | | | |
| Tayside | 2 | - | - | - | 2 | 95 | 5 | 2 | 1 | 103 | 70 | 5 | 2 | 1 | 78 | | | |
| Scotland | 41 | 1 | 2 | 2 | 46 | 1,164 | 87 | 33 | 27 | 1,311 | 867 | 72 | 30 | 24 | 993 | | | |

Notes

p - provisional

r - revised

1 - there has been a change in the recording of non-fatal casualties and 2009-10 and beyond can no longer be compared to previous years - see section [6.5.2 ii](#) for details

2 - figures before 2009-10 for primary fires are based on sample data weighted to Fire and Rescue Service totals

Table 3: Casualties from accidental dwelling fires 2003-04 to 2012-13^p – Scotland²

| Year | Accidental Dwelling Fires ² | Accidental Dwelling Fires | | | |
|----------------------|--|---------------------------|-------------------|-----------------------------------|-------------------|
| | | Fatal Casualties | | Non-Fatal Casualties ¹ | |
| | | Number | (per 1,000 fires) | Number | (per 1,000 fires) |
| 2003-04 | 6,226 | 53 | 8.5 | 1,402 | 225.2 |
| 2004-05 | 5,642 | 70 | 12.4 | 1,277 | 226.3 |
| 2005-06 | 5,628 | 44 | 7.8 | 1,164 | 206.8 |
| 2006-07 | 5,594 | 32 | 5.7 | 1,155 | 206.5 |
| 2007-08 | 5,479 | 54 | 9.9 | 1,247 | 227.6 |
| 2008-09 | 5,397 | 49 | 9.1 | 1,188 | 220.1 |
| 2009-10 | 5,379 | 48 | 8.9 | 886 | 164.7 |
| 2010-11 ^r | 5,214 | 43 | 8.2 | 975 | 187.0 |
| 2011-12 ^r | 5,121 | 48 | 9.4 | 985 | 192.3 |
| 2012-13 ^p | 4,994 | 37 | 7.4 | 1,014 | 203.0 |

Table 3a: Casualties from accidental dwelling fires 2012-13 provisional - Fire and Rescue Service

| FRS | Accidental Dwelling Fires | Accidental Dwelling Fires | | | |
|---------------------|---------------------------|---------------------------|-------------------|-----------------------------------|-------------------|
| | | Fatal Casualties | | Non-Fatal Casualties ¹ | |
| | | Number | (per 1,000 fires) | Number | (per 1,000 fires) |
| Central | 185 | 1 | 5.4 | 22 | 118.9 |
| Dumfries & Galloway | 98 | - | - | 28 | 285.7 |
| Fife | 262 | 2 | 7.6 | 59 | 225.2 |
| Grampian | 483 | 6 | 12.4 | 98 | 202.9 |
| Highlands & Islands | 175 | 3 | 17.1 | 55 | 314.3 |
| Lothian & Borders | 1,061 | 9 | 8.5 | 213 | 200.8 |
| Strathclyde | 2,302 | 14 | 6.1 | 450 | 195.5 |
| Tayside | 428 | 2 | 4.7 | 89 | 207.9 |
| Scotland | 4,994 | 37 | 7.4 | 1,014 | 203.0 |

Notes

p - provisional

r - revised

1 - there has been a change in the recording of non-fatal casualties and 2009-10 and beyond can no longer be compared to previous years - see section [6.5.2](#) ii for details

2 - figures before 2009-10 for primary fires are based on sample data weighted to Fire and Rescue Service totals

Table 4: False fire alarms 2003-04 to 2012-13^p - Scotland

| Year | Number | | | | Percentage | | |
|----------------------|------------------|-------------------------|--------------------|-------------------------|------------------|-------------------------|--------------------|
| | Fire - Malicious | Fire - Due to Apparatus | Fire - Good Intent | Fire False Alarms Total | Fire - Malicious | Fire - Due to Apparatus | Fire - Good Intent |
| 2003-04 | 6,877 | 30,886 | 15,193 | 52,956 | 13.0 | 58.3 | 28.7 |
| 2004-05 | 6,050 | 33,471 | 14,321 | 53,842 | 11.2 | 62.2 | 26.6 |
| 2005-06 | 5,629 | 32,678 | 14,900 | 53,207 | 10.6 | 61.4 | 28.0 |
| 2006-07 | 5,255 | 33,858 | 15,168 | 54,281 | 9.7 | 62.4 | 27.9 |
| 2007-08 | 4,783 | 35,056 | 14,594 | 54,433 | 8.8 | 64.4 | 26.8 |
| 2008-09 | 3,895 | 37,063 | 12,277 | 53,235 | 7.3 | 69.6 | 23.1 |
| 2009-10 | 2,935 | 36,277 | 12,836 | 52,048 | 5.6 | 69.7 | 24.7 |
| 2010-11 ^r | 2,753 | 35,235 | 11,825 | 49,813 | 5.5 | 70.7 | 23.7 |
| 2011-12 ^r | 2,621 | 34,928 | 10,372 | 47,921 | 5.5 | 72.9 | 21.6 |
| 2012-13 ^p | 2,299 | 34,905 | 9,839 | 47,043 | 4.9 | 74.2 | 20.9 |

Table 4a: False fire alarms 2012-13 provisional - Fire and Rescue Service

| FRS | Number | | | | Percentage | | |
|---------------------|------------------|-------------------------|--------------------|-------------------------|------------------|-------------------------|--------------------|
| | Fire - Malicious | Fire - Due to Apparatus | Fire - Good Intent | Fire False Alarms Total | Fire - Malicious | Fire - Due to Apparatus | Fire - Good Intent |
| Central | 87 | 1,883 | 647 | 2,617 | 3.3 | 72.0 | 24.7 |
| Dumfries & Galloway | 7 | 416 | 115 | 538 | 1.3 | 77.3 | 21.4 |
| Fife | 83 | 1,610 | 392 | 2,085 | 4.0 | 77.2 | 18.8 |
| Grampian | 103 | 2,864 | 412 | 3,379 | 3.0 | 84.8 | 12.2 |
| Highlands & Islands | 87 | 1,572 | 511 | 2,170 | 4.0 | 72.4 | 23.5 |
| Lothian & Borders | 442 | 8,219 | 2,131 | 10,792 | 4.1 | 76.2 | 19.7 |
| Strathclyde | 1,324 | 14,742 | 5,013 | 21,079 | 6.3 | 69.9 | 23.8 |
| Tayside | 166 | 3,599 | 618 | 4,383 | 3.8 | 82.1 | 14.1 |
| Scotland | 2,299 | 34,905 | 9,839 | 47,043 | 4.9 | 74.2 | 20.9 |

Notes

p - provisional

r - revised

Table 4b: Malicious fire false alarms by location 2009-10 to 2012-13^p

| Year | Number | | | | | Totals |
|----------------------------|-----------|-----------------|---------------|--------|--------------------|--------------|
| | Dwellings | Other Buildings | Road Vehicles | Others | Location not found | |
| 2009-10 | 858 | 1,161 | 57 | 676 | 183 | 2,935 |
| 2010-11^r | 781 | 1,178 | 44 | 570 | 180 | 2,753 |
| 2011-12^r | 809 | 1,107 | 39 | 510 | 156 | 2,621 |
| 2012-13^p | 675 | 1,153 | 18 | 329 | 124 | 2,299 |

Table 4c: Fire false alarms due to apparatus by location 2009-10 to 2012-13^p

| Year | Number | | | | | Totals |
|----------------------------|-----------|-----------------|---------------|--------|--------------------|---------------|
| | Dwellings | Other Buildings | Road Vehicles | Others | Location not found | |
| 2009-10 | 9,027 | 27,184 | 9 | 51 | 6 | 36,277 |
| 2010-11^r | 9,234 | 25,942 | 2 | 51 | 6 | 35,235 |
| 2011-12^r | 9,700 | 25,161 | 6 | 54 | 7 | 34,928 |
| 2012-13^p | 10,384 | 24,462 | 9 | 42 | 8 | 34,905 |

Table 4d: Fire false alarms due to good intent by location 2009-10 to 2012-13^p

| Year | Number | | | | | Totals |
|----------------------------|-----------|-----------------|---------------|--------|--------------------|---------------|
| | Dwellings | Other Buildings | Road Vehicles | Others | Location not found | |
| 2009-10 | 4,623 | 4,700 | 460 | 2,843 | 210 | 12,836 |
| 2010-11^r | 4,466 | 3,839 | 385 | 2,929 | 206 | 11,825 |
| 2011-12^r | 3,896 | 3,183 | 361 | 2,762 | 170 | 10,372 |
| 2012-13^p | 3,869 | 3,083 | 415 | 2,338 | 134 | 9,839 |

Notes

p - provisional

r - revised

Table 5: Special services false alarms 2009-10 to 2012-13^p – Scotland

| Year | Number | | | Percentage | |
|----------------------|------------------------------|--------------------------------|-------------------------------------|------------------------------|--------------------------------|
| | Special Services - Malicious | Special Services - Good Intent | Special Services False Alarms Total | Special Services - Malicious | Special Services - Good Intent |
| 2009-10 | 145 | 1,356 | 1,501 | 9.7 | 90.3 |
| 2010-11 ^r | 87 | 1,225 | 1,312 | 6.6 | 93.4 |
| 2011-12 ^r | 63 | 1,124 | 1,187 | 5.3 | 94.7 |
| 2012-13 ^p | 18 | 617 | 635 | 2.8 | 97.2 |

Table 5a: Special services false alarms 2012-13 provisional - Fire and Rescue Service

| FRS | Number | | | Percentage | |
|---------------------|------------------------------|--------------------------------|-------------------------------------|------------------------------|--------------------------------|
| | Special Services - Malicious | Special Services - Good Intent | Special Services False Alarms Total | Special Services - Malicious | Special Services - Good Intent |
| Central | 2 | 17 | 19 | 10.5 | 89.5 |
| Dumfries & Galloway | - | 2 | 2 | - | 100.0 |
| Fife | - | 1 | 1 | - | 100.0 |
| Grampian | - | 18 | 18 | - | 100.0 |
| Highlands & Islands | 2 | 105 | 107 | 1.9 | 98.1 |
| Lothian & Borders | 4 | 126 | 130 | 3.1 | 96.9 |
| Strathclyde | 7 | 320 | 327 | 2.1 | 97.9 |
| Tayside | 3 | 28 | 31 | 9.7 | 90.3 |
| Scotland | 18 | 617 | 635 | 2.8 | 97.2 |

Notes

p - provisional

r - revised

Table 6: Special services 2009-10 to 2012-13^p – Scotland

| Year | Road Traffic Collisions (RTC) | Other Transport incident | Flooding | Rescue or evacuation from water | Other rescue or release of persons | Evacuation (no fire) | Lift Release | Medical Incident - Co-responder/ First responder ¹ | Suicide/ attempts | Hazardous Materials incident | Spills and Leaks (not RTC) | Removal of objects ² | Animal assistance incidents | Effecting entry or exit | Making Safe (not RTC) | No action (not false alarm) | Water provision | Stand By | Assist other agencies | Advice Only | Number |
|----------------------|-------------------------------|--------------------------|----------|---------------------------------|------------------------------------|----------------------|--------------|---|-------------------|------------------------------|----------------------------|---------------------------------|-----------------------------|-------------------------|-----------------------|-----------------------------|-----------------|----------|-----------------------|-------------|------------------------|
| | | | | | | | | | | | | | | | | | | | | | Special Services Total |
| 2009-10 | 2,944 | 163 | 2,037 | 195 | 763 | 64 | 769 | 388 | 119 | 133 | 377 | 187 | 403 | 842 | 282 | 760 | 19 | 231 | 612 | 207 | 11,495 |
| 2010-11 ^r | 2,412 | 147 | 2,473 | 141 | 664 | 51 | 704 | 327 | 137 | 132 | 430 | 169 | 339 | 899 | 509 | 703 | 23 | 215 | 571 | 273 | 11,319 |
| 2011-12 ^r | 2,223 | 116 | 1,129 | 164 | 689 | 72 | 677 | 284 | 137 | 140 | 287 | 153 | 317 | 881 | 924 | 858 | 9 | 161 | 566 | 317 | 10,104 |
| 2012-13 ^p | 2,255 | 104 | 1,348 | 169 | 557 | 62 | 614 | 244 | 110 | 174 | 285 | 218 | 348 | 880 | 242 | 740 | 4 | 108 | 468 | 200 | 9,130 |

Table 6a: Special services 2012-13 provisional - Fire and Rescue Service

| FRS | Road Traffic Collisions (RTC) | Other Transport incident | Flooding | Rescue or evacuation from water | Other rescue or release of persons | Evacuation (no fire) | Lift Release | Medical Incident - Co-responder/ First responder ¹ | Suicide/ attempts | Hazardous Materials incident | Spills and Leaks (not RTC) | Removal of objects ² | Animal assistance incidents | Effecting entry or exit | Making Safe (not RTC) | No action (not false alarm) | Water provision | Stand By | Assist other agencies | Advice Only | Number |
|---------------------|-------------------------------|--------------------------|----------|---------------------------------|------------------------------------|----------------------|--------------|---|-------------------|------------------------------|----------------------------|---------------------------------|-----------------------------|-------------------------|-----------------------|-----------------------------|-----------------|----------|-----------------------|-------------|------------------------|
| | | | | | | | | | | | | | | | | | | | | | Special Services Total |
| Central | 149 | 3 | 103 | 5 | 40 | 3 | 20 | 17 | 9 | 15 | 9 | 14 | 34 | 44 | 4 | 10 | - | - | 49 | 6 | 534 |
| Dumfries & Galloway | 85 | 3 | 23 | 10 | 12 | 1 | 16 | - | 6 | 11 | 3 | 3 | 15 | 3 | 3 | 8 | - | - | 18 | 1 | 221 |
| Fife | 105 | 8 | 123 | 12 | 36 | 1 | 13 | 11 | 9 | 19 | 19 | 14 | 21 | 30 | 14 | 36 | 1 | 2 | 24 | 16 | 514 |
| Grampian | 306 | 10 | 81 | 15 | 61 | 1 | 162 | 62 | - | 25 | 27 | 8 | 31 | 41 | 17 | 57 | - | 21 | 34 | 70 | 1,029 |
| Highlands & Islands | 250 | 17 | 81 | 1 | 27 | 1 | 18 | 12 | 6 | 11 | 17 | 1 | 35 | 26 | 18 | 10 | - | 4 | 35 | 15 | 585 |
| Lothian & Borders | 352 | 16 | 113 | 23 | 113 | 10 | 64 | 31 | 18 | 51 | 66 | 52 | 43 | 117 | 26 | 82 | - | 7 | 43 | 19 | 1,246 |
| Strathclyde | 801 | 38 | 667 | 79 | 234 | 41 | 273 | 85 | 59 | 34 | 91 | 103 | 124 | 556 | 78 | 510 | 3 | 70 | 228 | 65 | 4,139 |
| Tayside | 207 | 9 | 157 | 24 | 34 | 4 | 48 | 26 | 3 | 8 | 53 | 23 | 45 | 63 | 82 | 27 | - | 4 | 37 | 8 | 862 |
| Scotland | 2,255 | 104 | 1,348 | 169 | 557 | 62 | 614 | 244 | 110 | 174 | 285 | 218 | 348 | 880 | 242 | 740 | 4 | 108 | 468 | 200 | 9,130 |

Notes

p - provisional

r - revised

1 - there has been a change to special services sub-categories, see section [6.5.5 i](#) for details

2 - there has been a change to special services sub-categories, see section [6.5.5 ii](#) for details

Table 6b: Special services 2009-10 to 2012-13^p - road traffic collisions - Scotland

| Year | Extrication of person/s | Release of person/s ² | Make vehicle safe | Make scene safe ² | Medical assistance only ² | Stand by - no action | Wash down road | Advice only | Other | Number |
|----------------------------|-------------------------|----------------------------------|-------------------|------------------------------|--------------------------------------|----------------------|----------------|-------------|-------|---|
| | | | | | | | | | | Total Road Traffic Collisions incidents |
| 2009-10 | 806 | * | 1,573 | * | * | 272 | 124 | 21 | 148 | 2,944 |
| 2010-11^r | 735 | * | 1,205 | * | * | 196 | 109 | 21 | 146 | 2,412 |
| 2011-12^r | 640 | * | 1,135 | 4 | * | 192 | 109 | 16 | 127 | 2,223 |
| 2012-13^p | 549 | 118 | 905 | 295 | 54 | 163 | 77 | 31 | 63 | 2,255 |

Table 6c: Special services 2009-10 to 2012-13^p - flooding - Scotland

| Year | Evacuation | Pumping out | Stand by - no action | Advice only | Make safe ² | Isolate water supply ¹ | Other | Number |
|----------------------------|------------|-------------|----------------------|-------------|------------------------|-----------------------------------|-------|--------------------------|
| | | | | | | | | Total Flooding Incidents |
| 2009-10 | 30 | 403 | 152 | 437 | * | 463 | 552 | 2,037 |
| 2010-11^r | 22 | 283 | 140 | 539 | * | 787 | 702 | 2,473 |
| 2011-12^r | 10 | 244 | 70 | 324 | 4 | 188 | 289 | 1,129 |
| 2012-13^p | 24 | 323 | 74 | 353 | 162 | 146 | 266 | 1,348 |

Notes

p - provisional

r - revised

1 - this category is a subset of 'other' - where FRS stated isolate/turning off water supply to property

2 - there has been a change to special services sub-categories, see section [6.5.5 iv](#) for details

Table 7: Casualties from special services 2009-10 to 2012-13^p – Scotland

| Type of Special Services | Number | | | | Number | | | |
|--|------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | Fatal Casualties | | | | Non-fatal Casualties | | | |
| | 2009-10 | 2010-11 ^r | 2011-12 ^r | 2012-13 ^p | 2009-10 | 2010-11 ^r | 2011-12 ^r | 2012-13 ^p |
| RTC | 116 | 122 | 100 | 91 | 2,202 | 1,872 | 1,774 | 1,767 |
| Other Transport incident | 3 | 2 | 3 | 7 | 28 | 29 | 27 | 16 |
| Flooding | - | - | - | - | 3 | 3 | 3 | 3 |
| Rescue or evacuation from water | 22 | 16 | 17 | 23 | 54 | 33 | 31 | 42 |
| Other rescue/release of persons | 17 | 8 | 6 | 8 | 142 | 141 | 150 | 138 |
| Evacuation (no fire) | - | - | - | - | 4 | 7 | 6 | 14 |
| Lift Release | - | - | - | - | 7 | 8 | 13 | 7 |
| Medical Incident - Co-responder/First responder | 15 | 15 | 15 | 7 | 200 | 220 | 183 | 143 |
| Suicide/attempts | 18 | 28 | 33 | 19 | 17 | 11 | 18 | 10 |
| Hazardous Materials incident | - | 1 | 1 | 1 | 23 | 28 | 68 | 35 |
| Spills and Leaks (not RTC) | - | - | - | - | 4 | 8 | 3 | 7 |
| Removal of objects from people | - | - | - | - | 26 | 22 | 19 | 30 |
| Animal assistance incidents | - | - | - | - | 3 | 3 | 1 | 1 |
| Effecting entry or exit | 10 | 6 | 5 | 5 | 37 | 37 | 37 | 73 |
| Making Safe (not RTC) | 2 | 4 | 4 | 4 | 6 | 8 | 7 | 8 |
| No action (not false alarm) | 2 | 5 | 3 | 4 | 30 | 14 | 18 | 31 |
| Water provision | - | - | - | - | - | - | - | - |
| Stand By | - | - | - | - | 3 | 1 | 1 | - |
| Assist other agencies | 36 | 29 | 25 | 26 | 167 | 134 | 111 | 104 |
| Advice Only | - | 1 | - | - | - | - | 1 | 3 |
| Total | 241 | 237 | 212 | 195 | 2,956 | 2,579 | 2,471 | 2,432 |

Notes

p – provisional

r - revised

Table 8: Primary fires by location of buildings 2003-04 to 2012-13^p – Scotland

| Year | Dwellings | Other Buildings ¹ | | | | | | | | | | | | | Total primary fires in buildings |
|----------------------|-----------|------------------------------|-----------------------------|------------------------|------------|-----------------------------|--------------------------|-----------------------------------|----------------------------------|----------------|--------|-----------|----------------------------|--------|----------------------------------|
| | | Other Residential | Private garages, sheds, etc | Permanent Agricultural | Industrial | Warehouses and bulk storage | Offices and call centres | Public admin, security and safety | Entertainment, Sport and Culture | Food and Drink | Retail | Education | Hospitals and medical care | Others | |
| 2003-04 | 8,131 | * | 659 | 127 | * | * | * | * | * | * | * | 215 | * | * | 11,576 |
| 2004-05 | 7,048 | * | 472 | 92 | * | * | * | * | * | * | * | 257 | * | * | 10,182 |
| 2005-06 | 7,061 | * | 586 | 120 | * | * | * | * | * | * | * | 226 | * | * | 10,319 |
| 2006-07 | 6,963 | * | 559 | 101 | * | * | * | * | * | * | * | 223 | * | * | 9,850 |
| 2007-08 | 6,666 | * | 554 | 94 | * | * | * | * | * | * | * | 205 | * | * | 9,588 |
| 2008-09 | 6,705 | * | 443 | 87 | * | * | * | * | * | * | * | 231 | * | * | 9,335 |
| 2009-10 | 6,573 | 612 | 418 | 88 | 301 | 64 | 145 | 87 | 176 | 202 | 328 | 220 | 161 | 206 | 9,581 |
| 2010-11 ^r | 6,300 | 599 | 392 | 89 | 329 | 53 | 146 | 112 | 143 | 196 | 307 | 188 | 145 | 139 | 9,138 |
| 2011-12 ^r | 6,161 | 513 | 428 | 84 | 298 | 38 | 117 | 110 | 157 | 190 | 272 | 164 | 173 | 174 | 8,879 |
| 2012-13 ^p | 5,820 | 475 | 352 | 86 | 235 | 37 | 104 | 121 | 124 | 144 | 233 | 158 | 152 | 160 | 8,201 |

Table 8a: Primary fires by location of buildings 2012-13 provisional - Fire and Rescue Service

| FRS | Dwelling | Other Buildings ¹ | | | | | | | | | | | | | Total primary fires in buildings |
|---------------------|----------|------------------------------|-----------------------------|------------------------|------------|-----------------------------|--------------------------|-----------------------------------|----------------------------------|----------------|--------|-----------|----------------------------|--------|----------------------------------|
| | | Other Residential | Private garages, sheds, etc | Permanent Agricultural | Industrial | Warehouses and bulk storage | Offices and call centres | Public admin, security and safety | Entertainment, Sport and Culture | Food and Drink | Retail | Education | Hospitals and medical care | Others | |
| Central | 206 | 17 | 18 | 1 | 14 | 4 | 2 | 24 | 3 | 10 | 6 | 9 | 3 | 7 | 324 |
| Dumfries & Galloway | 107 | 5 | 9 | 8 | 12 | 1 | 3 | 3 | 3 | 5 | 8 | 4 | 1 | 3 | 172 |
| Fife | 298 | 16 | 35 | 4 | 25 | 2 | 2 | 2 | 5 | 9 | 12 | 6 | 6 | 8 | 430 |
| Grampian | 555 | 45 | 17 | 31 | 35 | 1 | 12 | 12 | 12 | 16 | 21 | 21 | 19 | 12 | 809 |
| Highlands & Islands | 183 | 26 | 26 | 5 | 13 | 1 | 2 | 3 | 3 | 10 | 5 | 8 | 5 | 6 | 296 |
| Lothian & Borders | 1,207 | 105 | 38 | 8 | 26 | 4 | 20 | 28 | 25 | 30 | 46 | 27 | 31 | 32 | 1,627 |
| Strathclyde | 2,788 | 217 | 189 | 15 | 89 | 23 | 58 | 37 | 65 | 53 | 117 | 76 | 73 | 77 | 3,877 |
| Tayside | 476 | 44 | 20 | 14 | 21 | 1 | 5 | 12 | 8 | 11 | 18 | 7 | 14 | 15 | 666 |
| Scotland | 5,820 | 475 | 352 | 86 | 235 | 37 | 104 | 121 | 124 | 144 | 233 | 158 | 152 | 160 | 8,201 |

Notes

p - provisional

r - revised

1 - there has been a change in the recording of other buildings - see section [6.5.3 i](#) for details

Table 9: Outdoor fires by location 2003-04 to 2012-13^P - Scotland³

| Year | Primary Outdoor Fires | | | | | | | | | | | Number Primary Outdoor Fire Total |
|----------------------|-----------------------|---------------------------------|---------------------|----------|-------------------------|---------------------------------|---------------|---------------|--------------------|------------------------------|-------------------------|---|
| | Others ¹ | | | | | | Road Vehicles | | | | | |
| | Outdoor structures | Outdoor equipment and machinery | Grassland and crops | Woodland | Other transport vehicle | Other outdoors (including land) | Car | Abandoned Car | Other Road Vehicle | Abandoned Other Road Vehicle | Road Vehicle (subtotal) | |
| 2003-04 | * | * | * | * | 34 | * | * | * | * | * | 4,921 | 6,112 |
| 2004-05 | * | * | * | * | 28 | * | * | * | * | * | 4,002 | 4,968 |
| 2005-06 | * | * | * | * | 44 | * | * | * | * | * | 3,868 | 4,806 |
| 2006-07 | * | * | * | * | 37 | * | * | * | * | * | 3,856 | 4,907 |
| 2007-08 | * | * | * | * | 37 | * | * | * | * | * | 3,064 | 4,030 |
| 2008-09 | * | * | * | * | 33 | * | * | * | * | * | 2,931 | 3,839 |
| 2009-10 | 716 | 208 | 143 | 336 | 28 | 14 | 1,588 | 402 | 843 | 159 | 2,992 | 4,437 |
| 2010-11 ^r | 676 | 179 | 140 | 320 | 39 | 18 | 1,433 | 338 | 778 | 139 | 2,688 | 4,060 |
| 2011-12 ^r | 577 | 172 | 157 | 221 | 26 | 22 | 1,243 | 282 | 724 | 114 | 2,363 | 3,538 |
| 2012-13 ^P | 401 | 156 | 77 | 131 | 33 | 14 | 1,148 | 177 | 613 | 94 | 2,032 | 2,844 |

| Year | Secondary Outdoor Fires ² | | | | | | | | | | | Number Secondary Outdoor Fires Total |
|----------------------|--------------------------------------|------------|------------------------------|-------------------|------------------|---------------------------------|---|---|-----------------------------|-----------------|--------|---|
| | | | | | | | | Refuse ⁴ | | | | |
| | Derelict buildings | Grasslands | Intentional straw or stubble | Outdoor structure | Derelict vehicle | Other Outdoors (including land) | Refuse - small/rubbish container (eg wheelie bin) | Refuse - large/ rubbish container (eg skip) | Refuse - loose/ rubbish tip | Refuse subtotal | | |
| 2003-04 | 1,868 | * | 130 | * | 1,069 | * | * | * | * | * | 42,181 | |
| 2004-05 | 1,241 | * | 74 | * | 678 | * | * | * | * | * | 27,547 | |
| 2005-06 | 1,184 | * | 403 | * | 539 | * | * | * | * | * | 31,554 | |
| 2006-07 | 1,002 | * | 639 | * | 828 | * | * | * | * | * | 32,397 | |
| 2007-08 | 942 | * | 1,499 | * | 291 | * | * | * | * | * | 30,385 | |
| 2008-09 | 932 | * | 67 | * | 218 | * | * | * | * | * | 25,651 | |
| 2009-10 | 706 | 6,971 | 198 | 368 | 179 | 2,735 | 4,401 | 875 | 6,548 | 11,824 | 22,981 | |
| 2010-11 ^r | 738 | 8,619 | 127 | 438 | 159 | 3,056 | 4,660 | 879 | 5,531 | 11,070 | 24,207 | |
| 2011-12 ^r | 641 | 5,207 | 120 | 392 | 100 | 2,282 | 4,480 | 706 | 4,748 | 9,934 | 18,676 | |
| 2012-13 ^P | 481 | 3,410 | 61 | 333 | 68 | 1,906 | 3,720 | 625 | 3,592 | 7,937 | 14,196 | |

- Notes
- p -provisional
 - r - revised
 - 1 - there has been a change in the recording of other primary fires - see section [6.5.2 ii](#) for details
 - 2 - there has been a change in the recording of secondary fires - see section [6.5.3 iii](#) for details
 - 3 - figures before 2009-10 for primary fires are based on sample data weighted to Fire and Rescue Service totals
 - 4 - there has been a change to location sub-categories, see section [6.5.5 iii](#) for details

Table 9a: Outdoor fires by location 2012-13 provisional - Fire and Rescue Service

| FRS | Primary Outdoor Fires | | | | | | | | | | | Number Primary Outdoor Fire Total |
|----------------------------------|-----------------------|--|------------------------|------------|-------------------------------|--|--------------|------------------|--------------------------|------------------------------------|-------------------------------|--|
| | Others ¹ | | | | | | Road Vehicle | | | | | |
| | Outdoor structures | Outdoor equipment and machinery | Grassland and crops | Woodland | Other transport vehicle | Other outdoors (including land) | Car | Abandoned Car | Other Road Vehicle | Abandoned Other Road Vehicle | Road vehicle (subtotal) | |
| Central | 17 | 6 | 6 | 10 | - | - | 48 | 9 | 22 | 1 | 80 | 119 |
| Dumfries & Galloway | 2 | 6 | 2 | - | 1 | - | 30 | 2 | 22 | - | 54 | 65 |
| Fife | 41 | 10 | 6 | 2 | 9 | - | 67 | 14 | 45 | 4 | 130 | 198 |
| Grampian | 28 | 28 | 9 | 3 | 2 | 2 | 118 | 22 | 61 | 15 | 216 | 288 |
| Highlands & Islands ³ | 15 | 14 | 15 | 19 | 3 | 2 | 52 | 4 | 63 | - | 119 | 187 |
| Lothian & Borders | 91 | 27 | 21 | 40 | 3 | 2 | 148 | 26 | 91 | 31 | 296 | 480 |
| Strathclyde | 188 | 53 | 9 | 55 | 14 | 8 | 610 | 92 | 261 | 36 | 999 | 1,326 |
| Tayside | 19 | 12 | 9 | 2 | 1 | - | 75 | 8 | 48 | 7 | 138 | 181 |
| Scotland | 401 | 156 | 77 | 131 | 33 | 14 | 1,148 | 177 | 613 | 94 | 2,032 | 2,844 |

| FRS | Secondary Outdoor Fires ² | | | | | | | | | | | Number Secondary Outdoor Fires Total |
|---------------------|--------------------------------------|--------------|------------------------------------|-----------------------|---------------------|--|---|---|-----------------------------------|--------------------|---------------|---|
| | | | | | | | Refuse ³ | | | | | |
| | Derelict Building | Grassland | Intentional straw or stubble | Outdoor structures | Derelict Vehicle | Other outdoors (including land) | Refuse - small/ rubbish container (eg wheelie bin) | Refuse - large/ rubbish container (eg skip) | Refuse - loose/ rubbish tip | Refuse subtotal | | |
| Central | 12 | 166 | 4 | 21 | - | 104 | 145 | 22 | 122 | 289 | 596 | |
| Dumfries & Galloway | 4 | 30 | - | 13 | 1 | 3 | 22 | 4 | 48 | 74 | 125 | |
| Fife | 15 | 133 | 4 | 19 | 5 | 5 | 198 | 27 | 285 | 510 | 691 | |
| Grampian | 35 | 173 | 8 | 23 | 2 | 13 | 214 | 37 | 251 | 502 | 756 | |
| Highlands & Islands | 10 | 415 | 1 | 12 | 5 | 50 | 46 | 6 | 44 | 96 | 589 | |
| Lothian & Borders | 26 | 443 | 12 | 44 | 6 | 393 | 626 | 135 | 336 | 1,097 | 2,021 | |
| Strathclyde | 359 | 1,902 | 25 | 177 | 48 | 1,257 | 2,262 | 348 | 2,359 | 4,969 | 8,737 | |
| Tayside | 20 | 148 | 7 | 24 | 1 | 81 | 207 | 46 | 147 | 400 | 681 | |
| Scotland | 481 | 3,410 | 61 | 333 | 68 | 1,906 | 3,720 | 625 | 3,592 | 7,937 | 14,196 | |

Notes

- 1 - there has been a change in the recording of other primary fires - see section [6.5.2 ii](#) for details
- 2 - there has been a change in the recording of secondary fires - see section [6.5.3 iii](#) for details
- 3 - there has been a change to special services sub-categories, see section [6.5.5 iii](#) for details

Table 10: Rate of fatal casualties from primary fires per million population 2003-04 to 2012-13 - Great Britain

| Year | England ^{1,2} | | Scotland ³ | | Wales ^{1,2} | |
|----------------------|------------------------|-----------------------------|-----------------------|-----------------------------|----------------------|-----------------------------|
| | Number | Rate per million population | Number | Rate per million population | Number | Rate per million population |
| 2003-04 | 454 | 9.1 | 89 | 17.6 | 33 | 11.2 |
| 2004-05 | 371 | 7.4 | 85 | 16.7 | 27 | 9.1 |
| 2005-06 | 386 | 7.6 | 60 | 11.8 | 24 | 8.1 |
| 2006-07 | 364 | 7.1 | 46 | 9.0 | 20 | 6.7 |
| 2007-08 | 358 | 7.0 | 72 | 14.0 | 28 | 9.3 |
| 2008-09 | 323 | 6.2 | 64 | 12.4 | 17 | 5.6 |
| 2009-10 | 336 | 6.4 | 62 | 11.9 | 23 | 7.6 |
| 2010-11 ^r | 331 | 6.3 | 52 | 10.0 | 21 | 6.9 |
| 2011-12 ^r | 314 | 5.9 | 60 | 11.3 | 23 | 7.5 |
| 2012-13 ^p | 271 | 5.1 | 46 | 8.7 | 17 | 5.5 |

Table 10a: Rate of non-fatal casualties from primary fires per million population 2003-04 to 2012-13 - Great Britain⁴

| Year | England ^{1,2} | | Scotland ³ | | Wales ^{1,2} | |
|----------------------|------------------------|-----------------------------|-----------------------|-----------------------------|----------------------|-----------------------------|
| | Number | Rate per million population | Number | Rate per million population | Number | Rate per million population |
| 2003-04 | 12,448 | 249.3 | 1,951 | 385.8 | 829 | 282.2 |
| 2004-05 | 11,147 | 222.1 | 1,730 | 340.7 | 795 | 268.8 |
| 2005-06 | 11,127 | 219.9 | 1,692 | 332.1 | 759 | 255.6 |
| 2006-07 | 10,783 | 211.6 | 1,673 | 327.0 | 632 | 211.7 |
| 2007-08 | 10,319 | 200.8 | 1,719 | 334.2 | 632 | 210.2 |
| 2008-09 | 9,227 | 178.1 | 1,648 | 318.9 | 657 | 217.1 |
| 2009-10 | 8,865 | 169.8 | 1,214 | 233.7 | 575 | 189.2 |
| 2010-11 ^r | 9,398 | 178.5 | 1,328 | 254.3 | 607 | 199.0 |
| 2011-12 ^r | 9,370 | 176.4 | 1,415 | 267.0 | 592 | 193.2 |
| 2012-13 ^p | 8,379 | 156.6 | 1,311 | 246.7 | 537 | 174.7 |

Table 10b: Rate of non-fatal casualties (excluding precautionary check-ups) from primary fires per million population 2003-04 to 2012-13 - Great Britain⁴

| Year | England ^{1,2} | | Scotland ³ | | Wales ^{1,2} | |
|----------------------|------------------------|-----------------------------|-----------------------|-----------------------------|----------------------|-----------------------------|
| | Number | Rate per million population | Number | Rate per million population | Number | Rate per million population |
| 2003-04 | 8,044 | 161.1 | 1,047 | 207.0 | 574 | 195.4 |
| 2004-05 | 7,148 | 142.4 | 943 | 185.7 | 527 | 178.2 |
| 2005-06 | 6,780 | 134 | 916 | 179.8 | 438 | 147.5 |
| 2006-07 | 6,351 | 124.6 | 896 | 175.1 | 297 | 99.5 |
| 2007-08 | 5,749 | 111.9 | 909 | 176.7 | 325 | 108.1 |
| 2008-09 | 5,030 | 97.1 | 888 | 171.8 | 305 | 100.8 |
| 2009-10 | 4,156 | 79.6 | 949 | 182.7 | 250 | 82.3 |
| 2010-11 ^r | 4,372 | 83.1 | 1,091 | 208.9 | 278 | 91.1 |
| 2011-12 ^r | 4,295 | 80.9 | 1,099 | 207.4 | 240 | 78.3 |
| 2012-13 ^p | 3,833 | 71.7 | 993 | 186.9 | 224 | 72.9 |

Notes

p - provisional

r - revised

1 - England and Wales from Fire Monitor

<https://www.gov.uk/government/publications/fire-statistics-monitor-april-2012-to-march-2013>

2 - England and Wales mid-year estimates from 2002 to 2012 have been rebased due to Census 2011 and have been revised in this publication

<http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcm%3A77-280885>

<http://www.ons.gov.uk/ons/rel/pop-estimate/population-estimates-for-uk--england-and-wales--scotland-and-northern-ireland/mid-2011-and-mid-2012/stb---mid-2011---mid-2012-uk-population-estimates.html>

3 - Scotland mid-year estimates for 2011 and 2012 have been rebased due to census

<http://www.gro-scotland.gov.uk/files2/stats/time-series/pop-scot-1855-2012.xls>

4 - there has been a change in the recording of non-fatal casualties and 2009-10 and beyond can no longer be compared to previous years - see section [6.5.2 ii](#) for details

Table 11: Rate of casualties from primary fires 2003-04 to 2012-13^p - Scotland

| Year | Fatal Casualties | | Non-Fatal Casualties ¹ | | Non-Fatal Casualties - excluding precautionary check-ups ¹ | | Scotland's Population ² |
|----------------------|------------------|-----------------------------|-----------------------------------|-----------------------------|---|-----------------------------|------------------------------------|
| | Number | Rate per million population | Number | Rate per million population | Number | Rate per million population | |
| 2003-04 | 89 | 17.6 | 1,951 | 385.8 | 1,047 | 207.0 | 5,057,400 |
| 2004-05 | 85 | 16.7 | 1,730 | 340.7 | 943 | 185.7 | 5,078,400 |
| 2005-06 | 60 | 11.8 | 1,692 | 332.1 | 916 | 179.8 | 5,094,800 |
| 2006-07 | 46 | 9.0 | 1,673 | 327.0 | 896 | 175.1 | 5,116,900 |
| 2007-08 | 72 | 14.0 | 1,719 | 334.2 | 909 | 176.7 | 5,144,200 |
| 2008-09 | 64 | 12.4 | 1,648 | 318.9 | 888 | 171.8 | 5,168,500 |
| 2009-10 | 62 | 11.9 | 1,214 | 233.7 | 949 | 182.7 | 5,194,000 |
| 2010-11 ^r | 52 | 10.0 | 1,328 | 254.3 | 1,091 | 208.9 | 5,222,100 |
| 2011-12 ^r | 60 | 11.3 | 1,415 | 267.0 | 1,099 | 207.4 | 5,299,900 |
| 2012-13 ^p | 46 | 8.7 | 1,311 | 246.7 | 993 | 186.9 | 5,313,600 |

Table 11a: Rate of casualties from primary fires 2012-13 provisional - Fire and Rescue Service

| Year | Fatal Casualties | | Non-Fatal Casualties ¹ | | Non-Fatal Casualties - excluding precautionary check-ups ¹ | | Scotland's Population ² |
|---------------------|------------------|-----------------------------|-----------------------------------|-----------------------------|---|-----------------------------|------------------------------------|
| | Number | Rate per million population | Number | Rate per million population | Number | Rate per million population | |
| Central | 2 | 6.7 | 30 | 100.3 | 28 | 93.6 | 299,100 |
| Dumfries & Galloway | - | 0.0 | 36 | 238.7 | 33 | 218.8 | 150,830 |
| Fife | 2 | 5.5 | 71 | 193.9 | 54 | 147.5 | 366,220 |
| Grampian | 7 | 12.2 | 137 | 238.9 | 127 | 221.5 | 573,420 |
| Highlands & Islands | 3 | 9.8 | 64 | 209.7 | 52 | 170.4 | 305,210 |
| Lothian & Borders | 13 | 13.6 | 279 | 291.4 | 250 | 261.1 | 957,430 |
| Strathclyde | 17 | 7.6 | 591 | 262.7 | 371 | 164.9 | 2,249,640 |
| Tayside | 2 | 4.9 | 103 | 250.2 | 78 | 189.4 | 411,750 |
| Scotland | 46 | 8.7 | 1,311 | 246.7 | 993 | 186.9 | 5,313,600 |

Notes

p - provisional

r - revised

1 - there has been a change in the recording of non-fatal casualties and 2009-10 and beyond can no longer be compared to previous

years - see section [6.5.2 ii](#) for details

2 - Scotland mid-year estimates for 2011 and 2012 have been rebased due to census

<http://www.gro-scotland.gov.uk/files2/stats/time-series/pop-scot-1855-2012.xls>

Table 12: Fatal casualties from primary fires by gender 2003-04 to 2012-13^p - Scotland

| | Non Fire and Rescue Service Fatal Casualties ¹ | | | | Fire and Rescue Service ² | Number Fatal Casualties Total |
|----------------------|--|------|-------------------------|-------|--|--|
| | Female | Male | Unknown/ unspecified | Total | | |
| 2003-04 | 41 | 48 | - | 89 | - | 89 |
| 2004-05 | 31 | 54 | - | 85 | - | 85 |
| 2005-06 | 17 | 43 | - | 60 | - | 60 |
| 2006-07 | 15 | 31 | - | 46 | - | 46 |
| 2007-08 | 22 | 49 | - | 71 | 1 | 72 |
| 2008-09 | 29 | 35 | - | 64 | - | 64 |
| 2009-10 | 24 | 37 | - | 61 | 1 | 62 |
| 2010-11 ^r | 17 | 35 | - | 52 | - | 52 |
| 2011-12 ^r | 21 | 39 | - | 60 | - | 60 |
| 2012-13 ^p | 23 | 23 | - | 46 | - | 46 |

Table 12a: Non-fatal casualties from primary fires by gender 2003-04 to 2012-13^p - Scotland

| | Non Fire and Rescue Service Non-fatal Casualties ¹ | | | | Fire and Rescue Service ² | Number Non-Fatal casualties Total ³ |
|----------------------|--|-------|-------------------------|-------|--|---|
| | Female | Male | Unknown/ unspecified | Total | | |
| 2003-04 | 845 | 1,068 | 1 | 1,914 | 37 | 1,951 |
| 2004-05 | 703 | 997 | 2 | 1,702 | 28 | 1,730 |
| 2005-06 | 708 | 966 | - | 1,674 | 18 | 1,692 |
| 2006-07 | 749 | 902 | 8 | 1,659 | 14 | 1,673 |
| 2007-08 | 758 | 945 | 1 | 1,704 | 15 | 1,719 |
| 2008-09 | 697 | 923 | 1 | 1,621 | 27 | 1,648 |
| 2009-10 | 520 | 667 | 10 | 1,197 | 17 | 1,214 |
| 2010-11 ^r | 568 | 727 | 5 | 1,300 | 28 | 1,328 |
| 2011-12 ^r | 650 | 714 | 23 | 1,387 | 28 | 1,415 |
| 2012-13 ^p | 595 | 691 | 9 | 1,295 | 16 | 1,311 |

Notes

p - provisional

r - revised

1 - refers to persons who are not members of the fire and rescue service

2 - refers to fire and rescue service personnel

3 - there has been a change in the recording of non-fatal casualties and 2009-10 and beyond can no longer be compared to previous years - see section [6.5.2 ii](#) for details

Table 12b: Fatal casualties from primary fires by gender and cause of death 2012-13 provisional - Scotland

| Cause of death/nature of injury | Non Fire and Rescue Service Fatal Casualties ³ | | | | Fire and Rescue Service ⁴ | Number Fatal Casualties Total |
|---|--|-----------|-------------------------|-----------|--|--|
| | Female | Male | Unknown/ unspecified | Total | | |
| Burns | 7 | 5 | - | 12 | - | 12 |
| Burns and overcome by gas or smoke ¹ | 3 | 1 | - | 4 | - | 4 |
| Overcome by gas, smoke or fumes | 5 | 11 | - | 16 | - | 16 |
| Physical injuries ² | - | - | - | - | - | - |
| Other specified | - | - | - | - | - | - |
| Unspecified/not known | 8 | 6 | - | 14 | - | 14 |
| Total | 23 | 23 | 0 | 46 | - | 46 |

Table 12c: Non-fatal casualties from primary fires by gender and nature of injury 2012-13 provisional - Scotland

| Nature of injury | Non Fire and Rescue Service Non-Fatal Casualties ³ | | | | Fire and Rescue Service ⁴ | Number Non-Fatal Casualties Total |
|---|--|------------|-------------------------|--------------|--|--|
| | Female | Male | Unknown/ unspecified | Total | | |
| Burns | 48 | 75 | - | 123 | 5 | 128 |
| Burns and overcome by gas or smoke ¹ | 6 | 9 | - | 15 | - | 15 |
| Overcome by gas, smoke or fumes | 243 | 279 | 2 | 524 | - | 524 |
| Smoke Inhalation (not overcome) ⁵ | 18 | 23 | - | 41 | - | 41 |
| Physical injuries ² | 17 | 29 | - | 46 | 5 | 51 |
| Shock only | 11 | 5 | - | 16 | - | 16 |
| Precautionary check-up | 147 | 163 | 7 | 317 | 1 | 318 |
| Other specified | 91 | 100 | - | 191 | 5 | 196 |
| Unspecified/not known | 14 | 8 | - | 22 | - | 22 |
| Total | 595 | 691 | 9 | 1,295 | 16 | 1,311 |

Table 12d: Non-fatal casualties from primary fires by age and nature of treatments 2012-13 provisional – Scotland

| Nature of treatment | Non Fire and Rescue Service Non-Fatal Casualties ³ | | | | Fire and Rescue Service ⁴ | Number Non-Fatal Casualties Total |
|--|--|------------|-------------------------|--------------|--|--|
| | Female | Male | Unknown/ unspecified | Total | | |
| Precautionary check recommended | 147 | 163 | 7 | 317 | 1 | 318 |
| First aid given at scene | 249 | 243 | 2 | 494 | 9 | 503 |
| Person went to hospital, injuries appear to be Slight | 178 | 251 | - | 429 | 6 | 435 |
| Person went to hospital, injuries appear to be Serious | 21 | 34 | - | 55 | - | 55 |
| Total | 595 | 691 | 9 | 1,295 | 16 | 1,311 |

Notes

- 1 - tables show main injuries only, priority is given to 'burns' and being 'overcome by gas or smoke'. However, if both these injuries occur, these are shown together
- 2 - if 'physical injuries' and 'shock' occur, then physical injuries is recorded
- 3 - refers to persons who are not members of the fire and rescue service
- 4 - refers to fire and rescue service personnel
- 5 - this category is a subset of 'others' - where FRS stated smoke inhalation occurred but not severe enough to be classified as person was overcome

Table 13: Rate of Non-Fire and Rescue Service fatal casualties from primary fires where the gender is known per million population 2003-04 to 2012-13^p – Scotland

| Year | Rate | | | Number | | |
|----------------------|---|------|-------|----------------------------------|-----------|-----------|
| | Non Fire and Rescue Service Fatal Casualties ¹ | | | Scotland Population ² | | |
| | Female | Male | Total | Female | Male | Total |
| 2003-04 | 15.6 | 19.7 | 17.6 | 2,622,834 | 2,434,566 | 5,057,400 |
| 2004-05 | 11.8 | 22.1 | 16.7 | 2,632,152 | 2,446,248 | 5,078,400 |
| 2005-06 | 6.4 | 17.5 | 11.8 | 2,638,691 | 2,456,109 | 5,094,800 |
| 2006-07 | 5.7 | 12.6 | 9.0 | 2,647,493 | 2,469,407 | 5,116,900 |
| 2007-08 | 8.3 | 19.7 | 13.8 | 2,658,601 | 2,485,599 | 5,144,200 |
| 2008-09 | 10.9 | 14.0 | 12.4 | 2,668,295 | 2,500,205 | 5,168,500 |
| 2009-10 | 9.0 | 14.7 | 11.7 | 2,678,712 | 2,515,288 | 5,194,000 |
| 2010-11 ^r | 6.3 | 13.8 | 10.0 | 2,691,785 | 2,530,315 | 5,222,100 |
| 2011-12 ^r | 7.7 | 15.2 | 11.3 | 2,729,600 | 2,570,300 | 5,299,900 |
| 2012-13 ^p | 8.4 | 8.9 | 8.7 | 2,736,460 | 2,577,140 | 5,313,600 |

Table 13a: Rate of Non-Fire and Rescue Service non-fatal casualties from primary fires where the gender is known per million population 2003-04 to 2012-13^p – Scotland

| Year | Rate | | | Number | | |
|----------------------|---|-------|-------|----------------------------------|-----------|-----------|
| | Non Fire and Rescue Service Non-Fatal Casualties ³ | | | Scotland Population ² | | |
| | Female | Male | Total | Female | Male | Total |
| 2003-04 | 322.2 | 438.7 | 378.3 | 2,622,834 | 2,434,566 | 5,057,400 |
| 2004-05 | 267.1 | 407.6 | 334.8 | 2,632,152 | 2,446,248 | 5,078,400 |
| 2005-06 | 268.3 | 393.3 | 328.6 | 2,638,691 | 2,456,109 | 5,094,800 |
| 2006-07 | 282.9 | 365.3 | 322.7 | 2,647,493 | 2,469,407 | 5,116,900 |
| 2007-08 | 285.1 | 380.2 | 331.1 | 2,658,601 | 2,485,599 | 5,144,200 |
| 2008-09 | 261.2 | 369.2 | 313.4 | 2,668,295 | 2,500,205 | 5,168,500 |
| 2009-10 | 194.1 | 265.2 | 228.5 | 2,678,712 | 2,515,288 | 5,194,000 |
| 2010-11 ^r | 211.0 | 287.3 | 248.0 | 2,691,785 | 2,530,315 | 5,222,100 |
| 2011-12 ^r | 238.1 | 277.8 | 257.4 | 2,729,600 | 2,570,300 | 5,299,900 |
| 2012-13 ^p | 217.4 | 268.1 | 242.0 | 2,736,460 | 2,577,140 | 5,313,600 |

Notes

p - provisional

r - revised

1 - refers to persons who are not members of the fire and rescue service

2 - Scotland mid-year estimates for 2011 and 2012 have been rebased due to census

<http://www.gro-scotland.gov.uk/files2/stats/time-series/pop-scot-1855-2012.xls>

3 - there has been a change in the recording of non-fatal casualties and 2009-10 and beyond can no longer be compared to previous years - see section [6.5.2 ii](#) for details

Table 13b: Rate of Non-Fire and Rescue Service fatal casualties from primary fires where the gender is known by cause of death per million population 2012-13 provisional – Scotland

| Cause of death | Rate Non Fire and Rescue Service Fatal Casualties ³ | | |
|---|--|------------|------------|
| | Female | Male | Total |
| Burns | 2.6 | 1.9 | 2.3 |
| Burns and overcome by gas or smoke ¹ | 1.1 | 0.4 | 0.8 |
| Overcome by gas, smoke or fumes | 1.8 | 4.3 | 3.0 |
| Physical injuries ² | - | - | - |
| Other specified | - | - | - |
| Unspecified/not known | 2.9 | 2.3 | 2.6 |
| Total | 8.4 | 8.9 | 8.7 |

Table 13c: Rate of Non-Fire and Rescue Service Non-fatal casualties from primary fires where the gender is known by nature of injury per million population 2012-13 provisional – Scotland

| Nature of injury | Rate Non Fire and Rescue Service Non-Fatal Casualties ³ | | |
|---|--|--------------|--------------|
| | Female | Male | Total |
| Burns | 17.5 | 29.1 | 23.1 |
| Burns and overcome by gas or smoke ¹ | 2.2 | 3.5 | 2.8 |
| Overcome by gas, smoke or fumes | 88.8 | 108.3 | 98.2 |
| Smoke Inhalation (not overcome) ⁴ | 6.6 | 8.9 | 7.7 |
| Physical injuries ² | 6.2 | 11.3 | 8.7 |
| Shock only | 4.0 | 1.9 | 3.0 |
| Precautionary check-up | 53.7 | 63.2 | 58.3 |
| Other specified | 33.3 | 38.8 | 35.9 |
| Unspecified/not known | 5.1 | 3.1 | 4.1 |
| Total | 217.4 | 268.1 | 242.0 |

Table 13d: Rate of Non-Fire and Rescue Service Non-fatal casualties from primary fires where the gender is known by nature of treatment per million population 2012-13 provisional – Scotland

| Nature of treatment | Rate Non Fire and Rescue Service Non-Fatal Casualties ³ | | |
|--|--|--------------|--------------|
| | Female | Male | Total |
| Precautionary check recommended | 53.7 | 63.2 | 58.3 |
| First aid given at scene | 91.0 | 94.3 | 92.6 |
| Person went to hospital, injuries appear to be Slight | 65.0 | 97.4 | 80.7 |
| Person went to hospital, injuries appear to be Serious | 7.7 | 13.2 | 10.4 |
| Total | 217.4 | 268.1 | 242.0 |

Notes:

- 1 - tables show main injuries only, priority is given to 'burns' and being 'overcome by gas or smoke'. However, if both these injuries occur, these are shown together
- 2 - if 'physical injuries' and 'shock' occur, then physical injuries is recorded
- 3 - refers to persons who are not members of the fire and rescue service
- 4 - this category is a subset of 'others' - where FRS stated smoke inhalation occurred but not severe enough to be classified as person was overcome
- 5 - NRS: Mid-Year Estimate NRS:
<http://www.gro-scotland.gov.uk/statistics/theme/population/estimates/mid-year/2012/index.html>

Table 14: Fatal casualties from primary fires by age 2003-04 to 2012-13^p – Scotland

| | Non Fire and Rescue Service Fatal Casualties ¹ | | | | | | Fire and Rescue Service ² | Number Fatal Casualties Total |
|----------------------|--|-------|-------|-----|-------------------------|-------|--|--|
| | 0-16 | 17-29 | 30-59 | 60+ | Unknown/ unspecified | Total | | |
| 2003-04 | 6 | 8 | 37 | 38 | - | 89 | - | 89 |
| 2004-05 | 5 | 10 | 38 | 32 | - | 85 | - | 85 |
| 2005-06 | - | 3 | 31 | 25 | 1 | 60 | - | 60 |
| 2006-07 | 1 | 11 | 16 | 18 | - | 46 | - | 46 |
| 2007-08 | - | 8 | 33 | 30 | - | 71 | 1 | 72 |
| 2008-09 | 2 | 5 | 28 | 29 | - | 64 | - | 64 |
| 2009-10 | 2 | 4 | 27 | 28 | - | 61 | 1 | 62 |
| 2010-11 ^r | - | 6 | 23 | 23 | - | 52 | - | 52 |
| 2011-12 ^r | 3 | 3 | 24 | 30 | - | 60 | - | 60 |
| 2012-13 ^p | - | 1 | 19 | 26 | - | 46 | - | 46 |

Table 14a: Non-fatal casualties from primary fires by age 2003-04 to 2012-13^p - Scotland

| | Non Fire and Rescue Service Non-Fatal Casualties ¹ | | | | | | Fire and Rescue Service ² | Number Non-Fatal Casualties Total |
|----------------------|--|-------|-------|-----|-------------------------|-------|--|--|
| | 0-16 | 17-29 | 30-59 | 60+ | Unknown/ unspecified | Total | | |
| 2003-04 | 199 | 368 | 853 | 459 | 35 | 1,914 | 37 | 1,951 |
| 2004-05 | 177 | 350 | 745 | 405 | 25 | 1,702 | 28 | 1,730 |
| 2005-06 | 186 | 348 | 741 | 372 | 27 | 1,674 | 18 | 1,692 |
| 2006-07 | 176 | 342 | 764 | 355 | 22 | 1,659 | 14 | 1,673 |
| 2007-08 | 158 | 354 | 770 | 403 | 19 | 1,704 | 15 | 1,719 |
| 2008-09 | 162 | 373 | 707 | 366 | 13 | 1,621 | 27 | 1,648 |
| 2009-10 | 106 | 238 | 547 | 306 | - | 1,197 | 17 | 1,214 |
| 2010-11 ^r | 112 | 281 | 583 | 323 | 1 | 1,300 | 28 | 1,328 |
| 2011-12 ^r | 119 | 268 | 644 | 351 | 5 | 1,387 | 28 | 1,415 |
| 2012-13 ^p | 91 | 249 | 512 | 386 | 57 | 1,295 | 16 | 1,311 |

Notes

p - provisional

r - revised

1 - refers to persons who are not members of the fire and rescue service

2 - refers to fire and rescue service personnel

3 - there has been a change in the recording of non-fatal casualties and 2009-10 and beyond can no longer be compared to previous years - see section [6.5.2 ii](#) for details

Table 14b: Fatal casualties from primary fires by age and cause of death 2012-13 provisional – Scotland

| Cause of death | Non Fire and Rescue Service Fatal Casualties ³ | | | | | | Fire and Rescue Service ⁴ | Number Fatal Casualties Total |
|---|--|-------|-------|-----|-------------------------|-------|--|--|
| | 0-16 | 17-29 | 30-59 | 60+ | Unknown/ unspecified | Total | | |
| Burns | - | 1 | - | 11 | - | 12 | - | 12 |
| Burns and overcome by gas or smoke ¹ | - | - | 2 | 2 | - | 4 | - | 4 |
| Overcome by gas, smoke or fumes | - | - | 10 | 6 | - | 16 | - | 16 |
| Physical injuries ²⁾ | - | - | - | - | - | - | - | - |
| Other specified | - | - | - | - | - | - | - | - |
| Unspecified/not known | - | - | 7 | 7 | - | 14 | - | 14 |
| Total | - | 1 | 19 | 26 | - | 46 | - | 46 |

Table 14c: Non-fatal casualties from primary fires by age and nature of injury 2012-13 provisional – Scotland

| Nature of injury | Non Fire and Rescue Service Non-Fatal Casualties ³ | | | | | | Fire and Rescue Service ⁴ | Number Non-Fatal Casualties Total |
|---|--|-------|-------|-----|-------------------------|-------|--|--|
| | 0-16 | 17-29 | 30-59 | 60+ | Unknown/ unspecified | Total | | |
| Burns | 2 | 31 | 61 | 23 | 6 | 123 | 5 | 128 |
| Burns and overcome by gas or smoke ¹ | - | 4 | 6 | 5 | - | 15 | - | 15 |
| Overcome by gas, smoke or fumes | 31 | 91 | 226 | 156 | 20 | 524 | - | 524 |
| Smoke Inhalation (not overcome) ⁵ | 10 | 7 | 10 | 13 | 1 | 41 | - | 41 |
| Physical injuries ² | 1 | 11 | 21 | 11 | 2 | 46 | 5 | 51 |
| Shock only | 1 | 5 | 4 | 6 | - | 16 | - | 16 |
| Precautionary check-up | 34 | 65 | 114 | 84 | 20 | 317 | 1 | 318 |
| Other specified | 9 | 32 | 64 | 81 | 5 | 191 | 5 | 196 |
| Unspecified/not known | 3 | 3 | 6 | 7 | 3 | 22 | - | 22 |
| Total | 91 | 249 | 512 | 386 | 57 | 1,295 | 16 | 1,311 |

Table 14d: Non-fatal casualties from primary fires by age and nature of treatment 2012-13 provisional – Scotland

| Nature of treatment | Non Fire and Rescue Service Non-Fatal Casualties ³ | | | | | | Fire and Rescue Service ⁴ | Number Non-Fatal Casualties Total |
|--|--|-------|-------|-----|-------------------------|-------|--|--|
| | 0-16 | 17-29 | 30-59 | 60+ | Unknown/ unspecified | Total | | |
| Precautionary check recommended | 34 | 65 | 114 | 84 | 20 | 317 | 1 | 318 |
| First aid given at scene | 26 | 97 | 195 | 152 | 24 | 494 | 9 | 503 |
| Person went to hospital, injuries appear to be Slight | 31 | 76 | 175 | 134 | 13 | 429 | 6 | 435 |
| Person went to hospital, injuries appear to be Serious | - | 11 | 28 | 16 | - | 55 | - | 55 |
| Total | 91 | 249 | 512 | 386 | 57 | 1,295 | 16 | 1,311 |

Notes

- 1 - tables show main injuries only, priority is given to 'burns' and being 'overcome by gas or smoke'. However, if both these injuries occur, these are shown together"
- 2 - if 'physical injuries' and 'shock' occur, then physical injuries is recorded
- 3 - refers to persons who are not members of the fire and rescue service
- 4 - refers to fire and rescue service personnel
- 5 - this category is a subset of 'others' - where FRS stated smoke inhalation occurred but not severe enough to be classified as person was overcome

Table 15: Rate of Non-Fire and Rescue Service fatal casualties from primary fires where the age is known per million population 2003-04 to 2012-13^p – Scotland

| Year | Number | | | | |
|----------------------|---|-------|-------|------|-------|
| | Non Fire and Rescue Service Fatal Casualties ¹ | | | | |
| | 0-16 | 17-29 | 30-59 | 60+ | Total |
| 2003-04 | 6.0 | 9.9 | 17.1 | 35.0 | 17.6 |
| 2004-05 | 5.0 | 12.3 | 17.6 | 29.2 | 16.7 |
| 2005-06 | - | 3.6 | 14.3 | 22.6 | 11.6 |
| 2006-07 | 1.0 | 13.0 | 7.4 | 16.1 | 9.0 |
| 2007-08 | - | 9.2 | 15.4 | 26.2 | 13.8 |
| 2008-09 | 2.0 | 5.6 | 13.1 | 24.8 | 12.4 |
| 2009-10 | 2.0 | 4.4 | 12.7 | 23.6 | 11.7 |
| 2010-11 ^f | - | 6.6 | 10.8 | 19.1 | 10.0 |
| 2011-12 ^f | 3.1 | 3.3 | 11.0 | 24.3 | 11.3 |
| 2012-13 ^p | - | 1.1 | 8.7 | 20.8 | 8.7 |

| Year | Number | | | | |
|---------|----------------------------------|---------|-----------|-----------|-----------|
| | Scotland Population ² | | | | |
| | 0-16 | 17-29 | 30-59 | 60+ | Total |
| 2003-04 | 1,008,242 | 806,971 | 2,157,971 | 1,084,216 | 5,057,400 |
| 2004-05 | 1,001,294 | 815,202 | 2,164,878 | 1,097,026 | 5,078,400 |
| 2005-06 | 992,878 | 829,750 | 2,166,155 | 1,106,017 | 5,094,800 |
| 2006-07 | 985,987 | 848,180 | 2,165,195 | 1,117,538 | 5,116,900 |
| 2007-08 | 982,942 | 868,767 | 2,145,885 | 1,146,606 | 5,144,200 |
| 2008-09 | 979,367 | 887,158 | 2,133,050 | 1,168,925 | 5,168,500 |
| 2009-10 | 976,009 | 901,563 | 2,127,724 | 1,188,704 | 5,194,000 |
| 2010-11 | 973,845 | 913,333 | 2,127,941 | 1,206,981 | 5,222,100 |
| 2011-12 | 978,075 | 915,437 | 2,173,561 | 1,232,827 | 5,299,900 |
| 2012-13 | 976,162 | 914,319 | 2,174,730 | 1,248,389 | 5,313,600 |

Table 15a: Rate of Non-Fire and Rescue Service non-fatal casualties from primary fires where the age is known per million population 2003-04 to 2012-13^p – Scotland

| Year | Number | | | | |
|----------------------|--|-------|-------|-------|-------|
| | Non Fire and Rescue Service Non-Fatal Casualties ^{1, 3} | | | | |
| | 0-16 | 17-29 | 30-59 | 60+ | Total |
| 2003-04 | 197.4 | 456.0 | 395.3 | 423.3 | 371.5 |
| 2004-05 | 176.8 | 429.3 | 344.1 | 369.2 | 330.2 |
| 2005-06 | 187.3 | 419.4 | 342.1 | 336.3 | 323.3 |
| 2006-07 | 178.5 | 403.2 | 352.9 | 317.7 | 319.9 |
| 2007-08 | 160.7 | 407.5 | 358.8 | 351.5 | 327.6 |
| 2008-09 | 165.4 | 420.4 | 331.5 | 313.1 | 311.1 |
| 2009-10 | 108.6 | 264.0 | 257.1 | 257.4 | 230.5 |
| 2010-11 ^f | 115.0 | 307.7 | 274.0 | 267.6 | 248.9 |
| 2011-12 ^f | 121.7 | 292.8 | 296.3 | 284.7 | 261.7 |
| 2012-13 ^p | 93.2 | 272.3 | 235.4 | 309.2 | 243.7 |

| Year | Number | | | | |
|---------|----------------------------------|---------|-----------|-----------|-----------|
| | Scotland Population ² | | | | |
| | 0-16 | 17-29 | 30-59 | 60+ | Total |
| 2003-04 | 1,008,242 | 806,971 | 2,157,971 | 1,084,216 | 5,057,400 |
| 2004-05 | 1,001,294 | 815,202 | 2,164,878 | 1,097,026 | 5,078,400 |
| 2005-06 | 992,878 | 829,750 | 2,166,155 | 1,106,017 | 5,094,800 |
| 2006-07 | 985,987 | 848,180 | 2,165,195 | 1,117,538 | 5,116,900 |
| 2007-08 | 982,942 | 868,767 | 2,145,885 | 1,146,606 | 5,144,200 |
| 2008-09 | 979,367 | 887,158 | 2,133,050 | 1,168,925 | 5,168,500 |
| 2009-10 | 976,009 | 901,563 | 2,127,724 | 1,188,704 | 5,194,000 |
| 2010-11 | 973,845 | 913,333 | 2,127,941 | 1,206,981 | 5,222,100 |
| 2011-12 | 978,075 | 915,437 | 2,173,561 | 1,232,827 | 5,299,900 |
| 2012-13 | 976,162 | 914,319 | 2,174,730 | 1,248,389 | 5,313,600 |

Notes

p - provisional

r - revised

1 - refers to persons who are not members of the fire and rescue service

2 - Scotland mid-year estimates for 2011 and 2012 have been rebased due to census

<http://www.gro-scotland.gov.uk/files2/stats/time-series/pop-scot-1855-2012.xls>

3 - there has been a change in the recording of non-fatal casualties and 2009-10 and beyond can no longer be compared to previous years - see section [6.5.2 ii](#) for details

Table 15b: Rate of Non-Fire and Rescue Service fatal casualties from primary fires where the age is known by cause of death per million population 2012-13 provisional - Scotland

| Cause of death | Rate | | | | |
|---|---|-------|-------|------|-------|
| | Non Fire and Rescue Service Fatal Casualties ³ | | | | |
| | 0-16 | 17-29 | 30-59 | 60+ | Total |
| Burns | - | 1.1 | - | 8.8 | 2.3 |
| Burns and overcome by gas or smoke ¹ | - | - | 0.9 | 1.6 | 0.8 |
| Overcome by gas, smoke or fumes | - | - | 4.6 | 4.8 | 3.0 |
| Physical injuries ² | - | - | - | - | - |
| Other specified | - | - | - | - | - |
| Unspecified/not known | - | - | 3.2 | 5.6 | 2.6 |
| Total | - | 1.1 | 8.7 | 20.8 | 8.7 |

Table 15c: Rate of Non-Fire and Rescue Service Non-fatal casualties from primary fires where the age is known by nature of injury per million population 2012-13 provisional - Scotland

| Nature of injury | Rate | | | | |
|---|---|--------------|--------------|--------------|--------------|
| | Non Fire and Rescue Service Non-Fatal Casualties ³ | | | | |
| | 0-16 | 17-29 | 30-59 | 60+ | Total |
| Burns | 2.0 | 33.9 | 28.0 | 18.4 | 22.0 |
| Burns and overcome by gas or smoke ¹ | - | 4.4 | 2.8 | 4.0 | 2.8 |
| Overcome by gas, smoke or fumes | 31.8 | 99.5 | 103.9 | 125.0 | 94.9 |
| Smoke Inhalation (not overcome) ⁵ | 10.2 | 7.7 | 4.6 | 10.4 | 7.5 |
| Physical injuries ² | 1.0 | 12.0 | 9.7 | 8.8 | 8.3 |
| Shock only | 1.0 | 5.5 | 1.8 | 4.8 | 3.0 |
| Precautionary check-up | 34.8 | 71.1 | 52.4 | 67.3 | 55.9 |
| Other specified | 9.2 | 35.0 | 29.4 | 64.9 | 35.0 |
| Unspecified/not known | 3.1 | 3.3 | 2.8 | 5.6 | 3.6 |
| Total | 93.2 | 272.3 | 235.4 | 309.2 | 233.0 |

Table 15d: Rate of Non-Fire and Rescue Service Non-fatal casualties from primary fires where the age is known by nature of treatment per million population 2012-13 provisional - Scotland

| Nature of treatment | Rate | | | | |
|--|---|--------------|--------------|--------------|--------------|
| | Non Fire and Rescue Service Non-Fatal Casualties ³ | | | | |
| | 0-16 | 17-29 | 30-59 | 60+ | Total |
| Precautionary check recommended | 34.8 | 71.1 | 52.4 | 67.3 | 55.9 |
| First aid given at scene | 26.6 | 106.1 | 89.7 | 121.8 | 88.5 |
| Person went to hospital, injuries appear to be Slight | 31.8 | 83.1 | 80.5 | 107.3 | 78.3 |
| Person went to hospital, injuries appear to be Serious | - | 12.0 | 12.9 | 12.8 | 10.4 |
| Total | 93.2 | 272.3 | 235.4 | 309.2 | 233.0 |

| | | | | | |
|--|---------|---------|-----------|-----------|------------------|
| Scottish Population 2012-13⁵ | 976,162 | 914,319 | 2,174,730 | 1,248,389 | 5,313,600 |
|--|---------|---------|-----------|-----------|------------------|

Notes

- 1 - tables show main injuries only, priority is given to 'burns' and being 'overcome by gas or smoke'. However, if both these injuries occur, these are shown together
- 2 - if 'physical injuries' and 'shock' occur, then physical injuries is recorded
- 3 - refers to persons who are not members of the fire and rescue service
- 4 - this category is a subset of 'others' - where FRS stated smoke inhalation occurred but not severe enough to be classified as person was overcome
- 5 - NRS: Mid-Year Estimate

<http://www.gro-scotland.gov.uk/statistics/theme/population/estimates/mid-year/2012/index.html>

Table 16: Number of fire rescues 2009-10 to 2012-13^p – Scotland

| Year | Fatal casualties | | Non-fatal casualties | | Rescued and not injured |
|----------------------|------------------|-----------------------|----------------------|-----------------------|-------------------------|
| | Total | of which were rescued | Total | of which were rescued | |
| 2009-10 | 62 | 27 | 1,214 | 410 | 519 |
| 2010-11 ^r | 52 | 22 | 1,328 | 461 | 472 |
| 2011-12 ^r | 60 | 27 | 1,415 | 432 | 412 |
| 2012-13 ^p | 46 | 22 | 1,311 | 382 | 381 |

Table 16a: Age range of persons rescued from fires 2009-10 to 2012-13^p – Scotland

| | Number | | | | Total rescues |
|----------------------|--------|-------|-------|-----|---------------|
| | 0-16 | 17-29 | 30-59 | 60+ | |
| 2009-10 | 81 | 207 | 438 | 230 | 956 |
| 2010-11 ^r | 88 | 202 | 438 | 227 | 955 |
| 2011-12 ^r | 72 | 176 | 388 | 235 | 871 |
| 2012-13 ^p | 61 | 154 | 311 | 259 | 785 |

Table 16b: Rate of persons rescued from fires per million population by age range 2009-10 to 2012-13^p- Scotland¹

| | Rate | | | | Total rescues |
|----------------------|------|-------|-------|-------|---------------|
| | 0-16 | 17-29 | 30-59 | 60+ | |
| 2009-10 | 83.0 | 229.6 | 205.9 | 193.5 | 184.1 |
| 2010-11 ^r | 90.4 | 221.2 | 205.8 | 188.1 | 182.9 |
| 2011-12 ^r | 73.6 | 192.3 | 178.5 | 190.6 | 164.3 |
| 2012-13 ^p | 62.5 | 168.4 | 143.0 | 207.5 | 147.7 |

Notes

p - provisional

r – revised

1 - Scotland mid-year estimates for 2011 and 2012 have been rebased due to census

<http://www.gro-scotland.gov.uk/files2/stats/time-series/pop-scot-1855-2012.xls>

Table 17: Primary fires by location and motive of fire 2003-04 to 2012-13^p - Scotland¹

| Year | Dwellings - Accidental | | | Other Buildings - Accidental | | | Road Vehicles - Accidental | | | Other - Accidental | | | Total Accidental Primary Fires | | |
|----------------------|------------------------|------------|-------------------------|------------------------------|------------|------------|----------------------------|-------------------------|------------|--------------------|------------|-------------------------|--------------------------------|------------|------------|
| | Fires | Fatal | Non-Fatal | Fires | Fatal | Non-Fatal | Fires | Fatal | Non-Fatal | Fires | Fatal | Non-Fatal | Fires | Fatal | Non-Fatal |
| | | Casualties | Casualties ² | | Casualties | Casualties | | Casualties ² | Casualties | | Casualties | Casualties ² | | Casualties | Casualties |
| 2003-04 | 6,226 | 53 | 1,402 | 1,837 | 17 | 85 | 1,443 | 7 | 66 | 472 | 2 | 17 | 9,978 | 79 | 1,570 |
| 2004-05 | 5,642 | 70 | 1,277 | 1,778 | 2 | 54 | 1,279 | 3 | 54 | 348 | 3 | 23 | 9,047 | 78 | 1,408 |
| 2005-06 | 5,628 | 44 | 1,164 | 1,945 | 2 | 80 | 1,314 | 2 | 50 | 369 | - | 17 | 9,256 | 48 | 1,311 |
| 2006-07 | 5,594 | 32 | 1,155 | 1,684 | - | 62 | 1,391 | 5 | 60 | 388 | - | 18 | 9,057 | 37 | 1,295 |
| 2007-08 | 5,479 | 54 | 1,247 | 1,763 | 2 | 84 | 1,276 | 3 | 41 | 393 | 2 | 18 | 8,911 | 61 | 1,390 |
| 2008-09 | 5,397 | 49 | 1,188 | 1,655 | 2 | 57 | 1,254 | - | 61 | 296 | 5 | 25 | 8,602 | 56 | 1,331 |
| 2009-10 | 5,379 | 48 | 886 | 2,036 | 4 | 74 | 1,514 | 2 | 57 | 475 | 1 | 18 | 9,404 | 55 | 1,035 |
| 2010-11 ^r | 5,214 | 43 | 975 | 2,021 | 2 | 70 | 1,437 | 2 | 36 | 438 | 1 | 17 | 9,110 | 48 | 1,098 |
| 2011-12 ^r | 5,121 | 48 | 985 | 1,854 | 4 | 82 | 1,247 | 2 | 52 | 411 | 1 | 16 | 8,633 | 55 | 1,135 |
| 2012-13 ^p | 4,994 | 37 | 1,014 | 1,699 | 1 | 58 | 1,218 | - | 32 | 311 | 1 | 15 | 8,222 | 39 | 1,119 |

| Year | Dwellings - Deliberate | | | Other Buildings - Deliberate | | | Road Vehicles - Deliberate | | | Others - Deliberate | | | Total Deliberate Primary Fires | | |
|----------------------|------------------------|------------|-------------------------|------------------------------|------------|------------|----------------------------|-------------------------|------------|---------------------|------------|-------------------------|--------------------------------|------------|------------|
| | Fires | Fatal | Non-Fatal | Fires | Fatal | Non-Fatal | Fires | Fatal | Non-Fatal | Fires | Fatal | Non-Fatal | Fires | Fatal | Non-Fatal |
| | | Casualties | Casualties ² | | Casualties | Casualties | | Casualties ² | Casualties | | Casualties | Casualties ² | | Casualties | Casualties |
| 2003-04 | 1,905 | 3 | 288 | 1,608 | 1 | 59 | 3,478 | 3 | 4 | 719 | 3 | 30 | 7,710 | 10 | 381 |
| 2004-05 | 1,407 | 6 | 256 | 1,356 | - | 45 | 2,723 | - | 6 | 618 | 1 | 15 | 6,104 | 7 | 322 |
| 2005-06 | 1,433 | 9 | 308 | 1,313 | - | 54 | 2,554 | 2 | 2 | 569 | 1 | 17 | 5,869 | 12 | 381 |
| 2006-07 | 1,369 | 6 | 295 | 1,203 | 1 | 63 | 2,464 | 1 | 3 | 664 | 1 | 17 | 5,700 | 9 | 378 |
| 2007-08 | 1,187 | 4 | 290 | 1,159 | 2 | 25 | 1,787 | 3 | 6 | 573 | 2 | 8 | 4,706 | 11 | 329 |
| 2008-09 | 1,308 | 5 | 269 | 975 | - | 23 | 1,677 | 3 | 7 | 612 | - | 18 | 4,572 | 8 | 317 |
| 2009-10 | 1,194 | 5 | 138 | 972 | - | 21 | 1,478 | 2 | 9 | 970 | - | 11 | 4,614 | 7 | 179 |
| 2010-11 ^r | 1,086 | 2 | 167 | 817 | 1 | 39 | 1,251 | 1 | 5 | 934 | - | 19 | 4,088 | 4 | 230 |
| 2011-12 ^r | 1,040 | 4 | 236 | 864 | - | 17 | 1,116 | 1 | 5 | 764 | - | 22 | 3,784 | 5 | 280 |
| 2012-13 ^p | 826 | 4 | 150 | 682 | - | 29 | 814 | 2 | 1 | 501 | 1 | 12 | 2,823 | 7 | 192 |

Notes

p - provisional

r - revised

1 - figures before 2009-10 for primary fires are based on sample data weighted to Fire and Rescue Service totals

2 - there has been a change in the recording of non-fatal casualties and 2009-10 and beyond can no longer be compared to previous years - see section [6.5.2 ii](#) for details

Table 18: Primary fires and casualties by motive 2012-13 provisional - Fire and Rescue Services

| FRS | Accidental Primary Fires | | | Deliberate Primary Fires | | | Total Primary Fires | | |
|---------------------|--------------------------|------------------|----------------------|--------------------------|------------------|----------------------|---------------------|------------------|----------------------|
| | Fires | Fatal Casualties | Non-Fatal Casualties | Fires | Fatal Casualties | Non-Fatal Casualties | Fires | Fatal Casualties | Non-Fatal Casualties |
| Central | 322 | 2 | 24 | 121 | - | 6 | 443 | 2 | 30 |
| Dumfries & Galloway | 199 | - | 31 | 38 | - | 5 | 237 | - | 36 |
| Fife | 472 | 2 | 67 | 156 | - | 4 | 628 | 2 | 71 |
| Grampian | 887 | 6 | 120 | 210 | 1 | 17 | 1,097 | 7 | 137 |
| Highlands & Islands | 443 | 3 | 61 | 40 | - | 3 | 483 | 3 | 64 |
| Lothian & Borders | 1,614 | 9 | 230 | 493 | 4 | 49 | 2,107 | 13 | 279 |
| Strathclyde | 3,569 | 15 | 490 | 1,634 | 2 | 101 | 5,203 | 17 | 591 |
| Tayside | 716 | 2 | 96 | 131 | | 7 | 847 | 2 | 103 |
| Scotland | 8,222 | 39 | 1,119 | 2,823 | 7 | 192 | 11,045 | 46 | 1,311 |

Table 19: Secondary fires by motive of fire - 2009-10 to 2012-13^p – Scotland

| Accidental Secondary Fires ¹ | | | | | | | | | | | Number |
|---|-------------------|-----------|------------------------------|--------------------|------------------|---------------------------------|--|---|-----------------------------|-----------------|--------|
| | | | | | | | Refuse ² | | | Refuse Subtotal | |
| Year | Derelict Building | Grassland | Intentional straw or stubble | Outdoor structures | Derelict Vehicle | Other outdoors (including land) | Refuse - small/ rubbish container (eg wheelie bin) | Refuse - large/ rubbish container (eg skip) | Refuse - loose/ rubbish tip | | |
| 2009-10 | 105 | 1,753 | 49 | 162 | 67 | 464 | 931 | 197 | 977 | 2,105 | 4,705 |
| 2010-11 ^r | 53 | 1,220 | 26 | 165 | 40 | 194 | 524 | 92 | 292 | 908 | 2,606 |
| 2011-12 ^r | 55 | 1,062 | 34 | 161 | 23 | 183 | 579 | 80 | 296 | 955 | 2,473 |
| 2012-13 ^p | 43 | 754 | 14 | 143 | 13 | 143 | 528 | 77 | 243 | 848 | 1,958 |

| Deliberate Secondary Fires ¹ | | | | | | | | | | | Number |
|---|-------------------|-----------|------------------------------|--------------------|------------------|---------------------------------|--|---|-----------------------------|-----------------|--------|
| | | | | | | | Refuse ² | | | Refuse Subtotal | |
| Year | Derelict Building | Grassland | Intentional straw or stubble | Outdoor structures | Derelict Vehicle | Other outdoors (including land) | Refuse - small/ rubbish container (eg wheelie bin) | Refuse - large/ rubbish container (eg skip) | Refuse - loose/ rubbish tip | | |
| 2009-10 | 601 | 5,218 | 149 | 206 | 112 | 2,271 | 3,470 | 678 | 5,571 | 9,719 | 18,276 |
| 2010-11 ^r | 685 | 7,399 | 101 | 273 | 119 | 2,862 | 4,136 | 787 | 5,239 | 10,162 | 21,601 |
| 2011-12 ^r | 586 | 4,145 | 86 | 231 | 77 | 2,099 | 3,901 | 626 | 4,452 | 8,979 | 16,203 |
| 2012-13 ^p | 438 | 2,656 | 47 | 190 | 55 | 1,763 | 3,192 | 548 | 3,349 | 7,089 | 12,238 |

Notes

p - provisional

r - revised

1 - there has been a change in the recording of secondary fires - see section [6.5.3 iii](#) for details, unable to supply trend data before 2009-10 for above table

2 - there has been a change to special services sub-categories, see section [6.5.5 iii](#) for details

Table 19a: Secondary fires by motive of fire - 2012-13 provisional - Fire and Rescue Service

| FRS | Accidental Secondary Fires ¹ | | | | | | | Refuse ² | | | Refuse Subtotal | Total accidental secondary fires |
|---------------------|---|------------|------------------------------|--------------------|------------------|---------------------------------|--|---|-----------------------------|------------|-----------------|----------------------------------|
| | Derelict Building | Grassland | Intentional straw or stubble | Outdoor structures | Derelict Vehicle | Other outdoors (including land) | Refuse - small/ rubbish container (eg wheelie bin) | Refuse - large/ rubbish container (eg skip) | Refuse - loose/ rubbish tip | | | |
| Central | 5 | 32 | - | 8 | - | 7 | 25 | 5 | 12 | 42 | 94 | |
| Dumfries & Galloway | 1 | 8 | - | 12 | - | 1 | 5 | 1 | 20 | 26 | 48 | |
| Fife | 1 | 40 | 1 | 11 | 1 | - | 38 | 7 | 31 | 76 | 130 | |
| Grampian | 4 | 64 | 7 | 12 | - | 3 | 55 | 9 | 67 | 131 | 221 | |
| Highlands & Islands | 5 | 335 | 1 | 10 | 2 | 26 | 23 | 4 | 11 | 38 | 417 | |
| Lothian & Borders | 3 | 70 | 2 | 16 | 2 | 51 | 183 | 24 | 20 | 227 | 371 | |
| Strathclyde | 17 | 166 | 2 | 63 | 8 | 43 | 157 | 16 | 58 | 231 | 530 | |
| Tayside | 7 | 39 | 1 | 11 | - | 12 | 42 | 11 | 24 | 77 | 147 | |
| Scotland | 43 | 754 | 14 | 143 | 13 | 143 | 528 | 77 | 243 | 848 | 1,958 | |

| FRS | Deliberate Secondary Fires ¹ | | | | | | | Refuse ² | | | Refuse Subtotal | Total deliberate secondary fires |
|---------------------|---|--------------|------------------------------|--------------------|------------------|---------------------------------|--|---|-----------------------------|--------------|-----------------|----------------------------------|
| | Derelict Building | Grassland | Intentional straw or stubble | Outdoor structures | Derelict Vehicle | Other outdoors (including land) | Refuse - small/ rubbish container (eg wheelie bin) | Refuse - large/ rubbish container (eg skip) | Refuse - loose/ rubbish tip | | | |
| Central | 7 | 134 | 4 | 13 | - | 97 | 120 | 17 | 110 | 247 | 502 | |
| Dumfries & Galloway | 3 | 22 | - | 1 | 1 | 2 | 17 | 3 | 28 | 48 | 77 | |
| Fife | 14 | 93 | 3 | 8 | 4 | 5 | 160 | 20 | 254 | 434 | 561 | |
| Grampian | 31 | 109 | 1 | 11 | 2 | 10 | 159 | 28 | 184 | 371 | 535 | |
| Highlands & Islands | 5 | 80 | - | 2 | 3 | 24 | 23 | 2 | 33 | 58 | 172 | |
| Lothian & Borders | 23 | 373 | 10 | 28 | 4 | 342 | 443 | 111 | 316 | 870 | 1,650 | |
| Strathclyde | 342 | 1,736 | 23 | 114 | 40 | 1,214 | 2,105 | 332 | 2,301 | 4,738 | 8,207 | |
| Tayside | 13 | 109 | 6 | 13 | 1 | 69 | 165 | 35 | 123 | 323 | 534 | |
| Scotland | 438 | 2,656 | 47 | 190 | 55 | 1,763 | 3,192 | 548 | 3,349 | 7,089 | 12,238 | |

Notes

1 - there has been a change in the recording of secondary fires - see section [6.5.3 iii](#) for details

2 - there has been a change to special services sub-categories, see section [6.5.5 iii](#) for details

Table 20: Primary dwelling fires and casualties by presence and operation of smoke alarms 2003-04 to 2012-13^p - Scotland¹

| Year | Primary Dwelling Fires | | | | | Number Total fires | Percentage | | | | |
|----------------------|----------------------------------|---|-----------------------------|--------------------|--|-----------------------|----------------------------------|---|-----------------------------|--------------------|--|
| | Present, operated & raised alarm | Present, operated but did not raise alarm | Present but did not operate | Smoke alarm absent | Don't know if smoke alarm was present ³ | | Present, operated & raised alarm | Present, operated but did not raise alarm | Present but did not operate | Smoke alarm absent | Don't know if smoke alarm was present ³ |
| 2003-04 | 2,803 | 450 | 1,210 | 3,669 | - | 8,131 | 34.5 | 5.5 | 14.9 | 45.1 | - |
| 2004-05 | 2,685 | 433 | 1,023 | 2,907 | - | 7,048 | 38.1 | 6.1 | 14.5 | 41.2 | - |
| 2005-06 | 2,840 | 448 | 1,043 | 2,730 | - | 7,061 | 40.2 | 6.3 | 14.8 | 38.7 | - |
| 2006-07 | 2,957 | 390 | 949 | 2,666 | - | 6,963 | 42.5 | 5.6 | 13.6 | 38.3 | - |
| 2007-08 | 2,892 | 461 | 877 | 2,436 | - | 6,666 | 43.4 | 6.9 | 13.2 | 36.5 | - |
| 2008-09 | 3,003 | 446 | 876 | 2,379 | 1 | 6,705 | 44.8 | 6.7 | 13.1 | 35.5 | 0.0 |
| 2009-10 | 2,525 | 485 | 846 | 2,472 | 245 | 6,573 | 38.4 | 7.4 | 12.9 | 37.6 | 3.7 |
| 2010-11 ^r | 2,578 | 494 | 823 | 2,261 | 144 | 6,300 | 40.9 | 7.8 | 13.1 | 35.9 | 2.3 |
| 2011-12 ^r | 2,663 | 492 | 801 | 2,080 | 125 | 6,161 | 43.2 | 8.0 | 13.0 | 33.8 | 2.0 |
| 2012-13 ^p | 2,636 | 481 | 806 | 1,801 | 96 | 5,820 | 45.3 | 8.3 | 13.8 | 30.9 | 1.6 |

| Year | Fatal Casualties - Primary Dwelling Fires | | | | | Number Total fatal casualties | Percentage | | | | |
|----------------------|---|---|-----------------------------|--------------------|--|----------------------------------|----------------------------------|---|-----------------------------|--------------------|--|
| | Present, operated & raised alarm | Present, operated but did not raise alarm | Present but did not operate | Smoke alarm absent | Don't know if smoke alarm was present ³ | | Present, operated & raised alarm | Present, operated but did not raise alarm | Present but did not operate | Smoke alarm absent | Don't know if smoke alarm was present ³ |
| 2003-04 | 9 | 4 | 21 | 22 | - | 56 | 16.1 | 7.1 | 37.5 | 39.3 | - |
| 2004-05 | 10 | 13 | 22 | 31 | - | 76 | 13.2 | 17.1 | 28.9 | 40.8 | - |
| 2005-06 | 12 | 10 | 13 | 18 | - | 53 | 22.6 | 18.9 | 24.5 | 34.0 | - |
| 2006-07 | 9 | 3 | 15 | 11 | - | 38 | 23.7 | 7.9 | 39.5 | 28.9 | - |
| 2007-08 | 11 | 8 | 14 | 25 | - | 58 | 19.0 | 13.8 | 24.1 | 43.1 | - |
| 2008-09 | 9 | 7 | 16 | 22 | - | 54 | 16.7 | 13.0 | 29.6 | 40.7 | - |
| 2009-10 | 10 | 9 | 10 | 18 | 6 | 53 | 18.9 | 17.0 | 18.9 | 34.0 | 11.3 |
| 2010-11 ^r | 15 | 4 | 8 | 8 | 10 | 45 | 33.3 | 8.9 | 17.8 | 17.8 | 22.2 |
| 2011-12 ^r | 14 | 11 | 12 | 10 | 5 | 52 | 26.9 | 21.2 | 23.1 | 19.2 | 9.6 |
| 2012-13 ^p | 11 | 7 | 7 | 13 | 3 | 41 | 26.8 | 17.1 | 17.1 | 31.7 | 7.3 |

| Year | Non-Fatal Casualties - Primary Dwelling Fires ² | | | | | Number Total non-fatal casualties | Percentage | | | | |
|----------------------|--|---|-----------------------------|--------------------|--|--------------------------------------|----------------------------------|---|-----------------------------|--------------------|--|
| | Present, operated & raised alarm | Present, operated but did not raise alarm | Present but did not operate | Smoke alarm absent | Don't know if smoke alarm was present ³ | | Present, operated & raised alarm | Present, operated but did not raise alarm | Present but did not operate | Smoke alarm absent | Don't know if smoke alarm was present ³ |
| 2003-04 | 566 | 115 | 386 | 623 | - | 1,690 | 33.5 | 6.8 | 22.8 | 36.9 | - |
| 2004-05 | 590 | 101 | 304 | 538 | - | 1,533 | 38.5 | 6.6 | 19.8 | 35.1 | - |
| 2005-06 | 603 | 131 | 267 | 471 | - | 1,472 | 41.0 | 8.9 | 18.1 | 32.0 | - |
| 2006-07 | 650 | 104 | 235 | 461 | - | 1,450 | 44.8 | 7.2 | 16.2 | 31.8 | - |
| 2007-08 | 661 | 112 | 271 | 493 | - | 1,537 | 43.0 | 7.3 | 17.6 | 32.1 | - |
| 2008-09 | 647 | 123 | 221 | 464 | 2 | 1,457 | 44.4 | 8.4 | 15.2 | 31.8 | 0.1 |
| 2009-10 | 414 | 123 | 152 | 302 | 33 | 1,024 | 40.4 | 12.0 | 14.8 | 29.5 | 3.2 |
| 2010-11 ^r | 494 | 106 | 155 | 362 | 25 | 1,142 | 43.3 | 9.3 | 13.6 | 31.7 | 2.2 |
| 2011-12 ^r | 521 | 143 | 144 | 380 | 33 | 1,221 | 42.7 | 11.7 | 11.8 | 31.1 | 2.7 |
| 2012-13 ^p | 536 | 136 | 145 | 305 | 42 | 1,164 | 46.0 | 11.7 | 12.5 | 26.2 | 3.6 |

Notes

p - provisional

r - revised

1 - figures before 2009-10 for primary fires are based on sample data weighted to Fire and Rescue Service totals

2 - there has been a change in the recording of non-fatal casualties and 2009-10 and beyond can no longer be compared to previous years - see section [6.5.2 ii](#) for details

3 - there has been a change in the recording of smoke alarms - see section [6.5.3 iv](#)

Table 20a: Primary dwelling fires and casualties by presence and operation of smoke alarms 2012-13 provisional - Fire and Rescue Service

| FRS | Primary Dwelling Fires | | | | | Number |
|---------------------|----------------------------------|---|-----------------------------|--------------------|--|--------------|
| | Present, operated & raised alarm | Present, operated but did not raise alarm | Present but did not operate | Smoke alarm absent | Don't know if smoke alarm was present ² | Total fires |
| Central | 67 | 22 | 36 | 71 | 10 | 206 |
| Dumfries & Galloway | 50 | 18 | 27 | 11 | 1 | 107 |
| Fife | 107 | 30 | 43 | 117 | 1 | 298 |
| Grampian | 273 | 45 | 42 | 191 | 4 | 555 |
| Highlands & Islands | 54 | 28 | 25 | 62 | 14 | 183 |
| Lothian & Borders | 475 | 104 | 164 | 446 | 18 | 1,207 |
| Strathclyde | 1,406 | 196 | 385 | 764 | 37 | 2,788 |
| Tayside | 204 | 38 | 84 | 139 | 11 | 476 |
| Scotland | 2,636 | 481 | 806 | 1,801 | 96 | 5,820 |

| FRS | Primary Dwelling Fires | | | | Percentage |
|---------------------|----------------------------------|---|-----------------------------|--------------------|--|
| | Present, operated & raised alarm | Present, operated but did not raise alarm | Present but did not operate | Smoke alarm absent | Don't know if smoke alarm was present ² |
| Central | 32.5 | 10.7 | 17.5 | 34.5 | 4.9 |
| Dumfries & Galloway | 46.7 | 16.8 | 25.2 | 10.3 | 0.9 |
| Fife | 35.9 | 10.1 | 14.4 | 39.3 | 0.3 |
| Grampian | 49.2 | 8.1 | 7.6 | 34.4 | 0.7 |
| Highlands & Islands | 29.5 | 15.3 | 13.7 | 33.9 | 7.7 |
| Lothian & Borders | 39.4 | 8.6 | 13.6 | 37.0 | 1.5 |
| Strathclyde | 50.4 | 7.0 | 13.8 | 27.4 | 1.3 |
| Tayside | 42.9 | 8.0 | 17.6 | 29.2 | 2.3 |
| Scotland | 45.3 | 8.3 | 13.8 | 30.9 | 1.6 |

| FRS | Fatal Casualties - Primary Dwelling Fires | | | | | Number |
|---------------------|---|---|-----------------------------|--------------------|--|------------------------|
| | Present, operated & raised alarm | Present, operated but did not raise alarm | Present but did not operate | Smoke alarm absent | Don't know if smoke alarm was present ² | Total fatal casualties |
| Central | - | 1 | - | - | - | 1 |
| Dumfries & Galloway | - | - | - | - | - | - |
| Fife | 1 | - | 1 | - | - | 2 |
| Grampian | - | 1 | 1 | 3 | 1 | 6 |
| Highlands & Islands | - | 1 | 1 | - | 1 | 3 |
| Lothian & Borders | 2 | 2 | 2 | 4 | 1 | 11 |
| Strathclyde | 7 | 1 | 2 | 6 | - | 16 |
| Tayside | 1 | 1 | - | - | - | 2 |
| Scotland | 11 | 7 | 7 | 13 | 3 | 41 |

| FRS | Fatal Casualties - Primary Dwelling Fires | | | | Percentage |
|---------------------|---|---|-----------------------------|--------------------|--|
| | Present, operated & raised alarm | Present, operated but did not raise alarm | Present but did not operate | Smoke alarm absent | Don't know if smoke alarm was present ² |
| Central | - | 100.0 | - | - | - |
| Dumfries & Galloway | - | - | - | - | - |
| Fife | 50.0 | - | 50.0 | - | - |
| Grampian | - | 16.7 | 16.7 | 50.0 | 16.7 |
| Highlands & Islands | - | 33.3 | 33.3 | - | 33.3 |
| Lothian & Borders | 18.2 | 18.2 | 18.2 | 36.4 | 9.1 |
| Strathclyde | 43.8 | 6.3 | 12.5 | 37.5 | - |
| Tayside | 50.0 | 50.0 | - | - | - |
| Scotland | 26.8 | 17.1 | 17.1 | 31.7 | 7.3 |

| FRS | Non-Fatal Casualties - Primary Dwelling Fires ¹ | | | | | Number |
|---------------------|--|---|-----------------------------|--------------------|--|----------------------------|
| | Present, operated & raised alarm | Present, operated but did not raise alarm | Present but did not operate | Smoke alarm absent | Don't know if smoke alarm was present ² | Total non-fatal casualties |
| Central | 11 | 3 | 5 | 5 | - | 24 |
| Dumfries & Galloway | 18 | 5 | 7 | 2 | - | 32 |
| Fife | 26 | 12 | 3 | 21 | - | 62 |
| Grampian | 49 | 14 | 5 | 38 | 3 | 109 |
| Highlands & Islands | 13 | 12 | 6 | 18 | 8 | 57 |
| Lothian & Borders | 100 | 22 | 40 | 86 | 6 | 254 |
| Strathclyde | 272 | 53 | 66 | 120 | 20 | 531 |
| Tayside | 47 | 15 | 13 | 15 | 5 | 95 |
| Scotland | 536 | 136 | 145 | 305 | 42 | 1,164 |

| FRS | Non-Fatal Casualties - Primary Dwelling Fires ¹ | | | | Percentage |
|---------------------|--|---|-----------------------------|--------------------|--|
| | Present, operated & raised alarm | Present, operated but did not raise alarm | Present but did not operate | Smoke alarm absent | Don't know if smoke alarm was present ² |
| Central | 45.8 | 12.5 | 20.8 | 20.8 | - |
| Dumfries & Galloway | 56.3 | 15.6 | 21.9 | 6.3 | - |
| Fife | 41.9 | 19.4 | 4.8 | 33.9 | - |
| Grampian | 45.0 | 12.8 | 4.6 | 34.9 | 2.8 |
| Highlands & Islands | 22.8 | 21.1 | 10.5 | 31.6 | 14.0 |
| Lothian & Borders | 39.4 | 8.7 | 15.7 | 33.9 | 2.4 |
| Strathclyde | 51.2 | 10.0 | 12.4 | 22.6 | 3.8 |
| Tayside | 49.5 | 15.8 | 13.7 | 15.8 | 5.3 |
| Scotland | 46.0 | 11.7 | 12.5 | 26.2 | 3.6 |

Notes

1 - there has been a change in the recording of non-fatal casualties and 2009-10 and beyond can no longer be compared to previous years - see section [6.5.2 ii](#) for details

2 - there has been a change in the recording of smoke alarms - see section [6.5.3 iv](#)

Table 21: Primary fires in dwellings and other buildings by cause 2003-04 to 2012-13^P - Scotland

| Primary Dwelling Fires ¹ | | | | | | | | | | | Number |
|-------------------------------------|-------------------------|------------------------------------|---|------------------------------|-----------------------------|----------------------|---|-------------------|--------|-------------|--------------|
| Year | Deliberate ³ | Placing articles too close to heat | Careless handling of fire or hot substances | Cooking - Chip/fat pan fires | Faulty appliances and leads | Faulty fuel supplies | Misuse of equipment or appliance (heat source) ² | Playing with fire | Others | Unspecified | Total |
| 2003-04 | 1,905 | 382 | 746 | 1,573 | 694 | 131 | 2,286 | 57 | * | 65 | 8,131 |
| 2004-05 | 1,407 | 384 | 525 | 957 | 645 | 218 | 2,466 | 28 | * | 47 | 7,048 |
| 2005-06 | 1,433 | 416 | 469 | 864 | 669 | 207 | 2,490 | 45 | * | 65 | 7,061 |
| 2006-07 | 1,369 | 436 | 503 | 714 | 677 | 165 | 2,661 | 41 | * | 45 | 6,963 |
| 2007-08 | 1,187 | 522 | 517 | 569 | 747 | 173 | 2,575 | 17 | * | 63 | 6,666 |
| 2008-09 | 1,308 | 412 | 490 | 509 | 788 | 139 | 2,594 | 14 | * | 67 | 6,705 |
| 2009-10 | 1,194 | 323 | 633 | 412 | 602 | 254 | 2,564 | 28 | 538 | 25 | 6,573 |
| 2010-11 ^r | 1,086 | 370 | 615 | 346 | 578 | 254 | 2,511 | 32 | 480 | 28 | 6,300 |
| 2011-12 ^r | 1,040 | 432 | 559 | 348 | 530 | 307 | 2,512 | 23 | 397 | 13 | 6,161 |
| 2012-13 ^P | 826 | 394 | 571 | 320 | 558 | 295 | 2,371 | 17 | 463 | 5 | 5,820 |

| Primary Other Buildings Fires ¹ | | | | | | | | | | | Number |
|--|-------------------------|------------------------------------|---|------------------------------|-----------------------------|----------------------|---|-------------------|--------|-------------|--------------|
| Year | Deliberate ³ | Placing articles too close to heat | Careless handling of fire or hot substances | Cooking - Chip/fat pan fires | Faulty appliances and leads | Faulty fuel supplies | Misuse of equipment or appliance (heat source) ² | Playing with fire | Others | Unspecified | Total |
| 2003-04 | 1,608 | 110 | 257 | 101 | 555 | 111 | 320 | 11 | * | 45 | 3,445 |
| 2004-05 | 1,356 | 105 | 155 | 55 | 605 | 143 | 314 | 1 | * | 62 | 3,134 |
| 2005-06 | 1,313 | 108 | 165 | 38 | 632 | 191 | 337 | 1 | * | 77 | 3,258 |
| 2006-07 | 1,203 | 114 | 151 | 19 | 557 | 167 | 268 | 7 | * | 62 | 2,887 |
| 2007-08 | 1,159 | 117 | 160 | 24 | 636 | 113 | 366 | 2 | * | 58 | 2,922 |
| 2008-09 | 975 | 112 | 135 | 8 | 641 | 139 | 322 | 1 | * | 51 | 2,630 |
| 2009-10 | 972 | 140 | 150 | 60 | 464 | 196 | 459 | 21 | 520 | 26 | 3,008 |
| 2010-11 ^r | 817 | 139 | 155 | 54 | 465 | 210 | 472 | 6 | 493 | 27 | 2,838 |
| 2011-12 ^r | 864 | 127 | 162 | 43 | 436 | 222 | 412 | 7 | 436 | 9 | 2,718 |
| 2012-13 ^P | 682 | 159 | 146 | 40 | 380 | 238 | 316 | 14 | 402 | 4 | 2,381 |

Notes

p - provisional

r - revised

1 - figures before 2009-10 for primary fires are based on sample data weighted to Fire and Rescue Service totals

2 - Under IRS, the category for "Misuse of equipment or appliances" includes incidents which have been recorded as "Other cooking" a new category introduced with IRS. It is believed that the majority of these incidents were previously recorded as the misuse of cooking appliances under the FDR1 collection

3- there has been a change in recording cause of fires - see section [6.5.3 vi](#)

Table 21a: Primary fires in dwellings and other buildings by cause 2012-13 provisional - Fire and Rescue Service

| FRS | Primary Dwelling Fires | | | | | | | | | | Number |
|---------------------|-------------------------|------------------------------------|---|------------------------------|-----------------------------|----------------------|---|-------------------|------------|-------------|--------------|
| | Deliberate ² | Placing articles too close to heat | Careless handling of fire or hot substances | Cooking - Chip/fat pan fires | Faulty appliances and leads | Faulty fuel supplies | Misuse of equipment or appliance (heat source) ¹ | Playing with fire | Others | Unspecified | Total |
| Central | 21 | 16 | 10 | 13 | 21 | 15 | 85 | 3 | 22 | - | 206 |
| Dumfries & Galloway | 9 | 12 | 11 | 5 | 15 | 6 | 40 | 1 | 8 | - | 107 |
| Fife | 36 | 24 | 25 | 23 | 30 | 17 | 109 | 2 | 32 | - | 298 |
| Grampian | 72 | 42 | 46 | 23 | 60 | 17 | 267 | - | 28 | - | 555 |
| Highlands & Islands | 8 | 15 | 15 | 9 | 19 | 16 | 43 | 2 | 56 | - | 183 |
| Lothian & Borders | 146 | 90 | 107 | 72 | 138 | 61 | 469 | 2 | 121 | 1 | 1,207 |
| Strathclyde | 486 | 154 | 317 | 156 | 222 | 142 | 1,155 | 6 | 146 | 4 | 2,788 |
| Tayside | 48 | 41 | 40 | 19 | 53 | 21 | 203 | 1 | 50 | - | 476 |
| Scotland | 826 | 394 | 571 | 320 | 558 | 295 | 2,371 | 17 | 463 | 5 | 5,820 |

| FRS | Primary Other Buildings Fires | | | | | | | | | | Number |
|---------------------|-------------------------------|------------------------------------|---|------------------------------|-----------------------------|----------------------|---|-------------------|------------|-------------|--------------|
| | Deliberate ² | Placing articles too close to heat | Careless handling of fire or hot substances | Cooking - Chip/fat pan fires | Faulty appliances and leads | Faulty fuel supplies | Misuse of equipment or appliance (heat source) ¹ | Playing with fire | Others | Unspecified | Total |
| Central | 48 | 7 | 4 | 2 | 11 | 7 | 8 | 1 | 30 | - | 118 |
| Dumfries & Galloway | 14 | 6 | 3 | 1 | 19 | 11 | 3 | - | 8 | - | 65 |
| Fife | 38 | 15 | 7 | 1 | 13 | 13 | 9 | 5 | 31 | - | 132 |
| Grampian | 38 | 19 | 17 | 4 | 58 | 36 | 47 | 1 | 34 | - | 254 |
| Highlands & Islands | 11 | 4 | 8 | 1 | 20 | 12 | 10 | 1 | 46 | - | 113 |
| Lothian & Borders | 105 | 39 | 28 | 11 | 69 | 37 | 64 | 3 | 63 | 1 | 420 |
| Strathclyde | 393 | 57 | 70 | 16 | 158 | 103 | 149 | 2 | 138 | 3 | 1,089 |
| Tayside | 35 | 12 | 9 | 4 | 32 | 19 | 26 | 1 | 52 | - | 190 |
| Scotland | 682 | 159 | 146 | 40 | 380 | 238 | 316 | 14 | 402 | 4 | 2,381 |

Notes

1 - Under IRS, the category for "Misuse of equipment or appliances" includes incidents which have been recorded as "Other cooking" a new category introduced with IRS. It is believed that the majority of these incidents were previously recorded as the misuse of cooking appliances under the FDR1 collection

2 - there has been a change in recording cause of fires - see section [6.5.3 vi](#)

Table 22: Accidental dwelling fires by source of ignition - 2009-10 to 2012-13^p – Scotland

| Source of ignition | Number | | | |
|---|--------------|--------------|--------------|----------------------|
| | 2009-10 | 2010-11 | 2011-12 | 2012-13 ^p |
| Chimney - Chimney | 49 | 27 | 34 | 52 |
| Cooking appliance - Barbecue/Camping stove | 13 | 12 | 9 | 6 |
| Cooking appliance - Cooker incl. oven | 2,051 | 1,876 | 1,896 | 1,907 |
| Cooking appliance - Deep fat fryer | 28 | 20 | 24 | 15 |
| Cooking appliance - Grill/Toaster | 548 | 549 | 536 | 491 |
| Cooking appliance - Microwave oven | 162 | 177 | 201 | 187 |
| Cooking appliance - Ring/hot plate (separate appliance) | 386 | 431 | 425 | 405 |
| Cooking appliance - Other cooking appliance | 47 | 51 | 52 | 23 |
| Smoking related - Cigarette lighter | 24 | 27 | 17 | 24 |
| Smoking related - Smoking materials | 381 | 377 | 382 | 350 |
| Matches | 51 | 37 | 42 | 32 |
| Candles | 113 | 127 | 108 | 107 |
| Oil/Incense burners | 10 | 9 | 10 | 13 |
| Naked flame - Lighted paper or card, or other naked flame | 84 | 48 | 46 | 40 |
| Electric lighting - Fairy lights | 2 | 1 | 2 | 4 |
| Electric lighting - Fluorescent lights | 8 | 8 | 7 | 11 |
| Electric lighting - Other incandescent light bulbs | 21 | 15 | 15 | 21 |
| Electric lighting - Spot lights | 22 | 29 | 32 | 28 |
| Electric lighting - Other lights | 27 | 47 | 41 | 19 |
| Electricity supply - Apparatus - batteries, generators | 56 | 44 | 43 | 32 |
| Electricity supply - Wiring, cabling, plugs | 355 | 362 | 335 | 373 |
| Fuel/Chemical - Gases/Flammable chemicals | 11 | 10 | 3 | 7 |
| Fuel/Chemical - Liquids; petrol/oil related | 9 | 5 | 6 | 9 |
| Fuel/Chemical - Solids; coal, coke, wood, card | 19 | 23 | 12 | 20 |
| Heating equipment - Central heating/Hot water | 60 | 50 | 40 | 41 |
| Heating equipment - Heating/Fire | 137 | 147 | 138 | 176 |
| Heating equipment - Power Source | 9 | 13 | 11 | 10 |
| Heating equipment - Separate water heating | 5 | 6 | 9 | 3 |
| Heating equipment - Other | 42 | 47 | 48 | 19 |
| Other domestic style appliance - Audio equipment | 2 | 2 | 2 | 1 |
| Other domestic style appliance - Battery charger | 4 | 4 | 2 | 4 |
| Other domestic style appliance - Blow lamp/Paint remover | 12 | 19 | 9 | 14 |
| Other domestic style appliance - Dishwasher | 30 | 43 | 42 | 46 |
| Other domestic style appliance - Electric blanket | 16 | 20 | 18 | 17 |
| Other domestic style appliance - Electric kettle | - | 2 | 1 | 5 |
| Other domestic style appliance - Extractor fan | 9 | 13 | 25 | 26 |
| Other domestic style appliance - Fridge/Freezer | 26 | 26 | 43 | 19 |
| Other domestic style appliance - Hair dryer | 4 | 4 | 7 | 3 |
| Other domestic style appliance - Iron | 8 | 6 | 4 | 5 |
| Other domestic style appliance - Other domestic style appliance | 42 | 21 | 37 | 14 |
| Other domestic style appliance - PC equipment (domestic use) | 2 | 5 | 8 | 3 |
| Other domestic style appliance - Spin dryer | 7 | 8 | 5 | 5 |
| Other domestic style appliance - Trouser press | - | - | 1 | - |
| Other domestic style appliance - Tumble dryer | 65 | 72 | 68 | 82 |
| Other domestic style appliance - TV | 23 | 27 | 13 | 14 |
| Other domestic style appliance - Vacuum cleaner | 1 | 5 | 2 | 2 |
| Other domestic style appliance - Video/DVD | 2 | 3 | - | 1 |
| Other domestic style appliance - Washer/Dryer combined | 13 | 12 | 8 | 11 |
| Other domestic style appliance - Washing machine | 90 | 85 | 94 | 78 |
| Other domestic style appliance - Other | 4 | 2 | 1 | 1 |
| Other appliance or equipment | 15 | 14 | 19 | 5 |
| Fireworks | 1 | - | 3 | - |
| Industrial equipment - Welding/Cutting equipment | 5 | 17 | 8 | 2 |
| Industrial equipment - other | 11 | 9 | 12 | 19 |
| Office equipment | 3 | 2 | 4 | - |
| Natural occurrence - Natural occurrence | 15 | 16 | 7 | 9 |
| Not known/other | 239 | 202 | 154 | 183 |
| Scotland | 5,379 | 5,214 | 5,121 | 4,994 |

Notes

p - provisional

Table 23: Casualties from accidental primary dwelling fires by source of ignition and cause 2012-13 provisional – Scotland

| | Fatal Casualties of Accidental Primary Dwelling Fires | | | | | | | | | Number |
|----------------------------------|---|---|------------------------------|-----------------------------|----------------------|---|-------------------|----------|-------------|-----------|
| | Placing articles too close to heat | Careless handling of fire or hot substances | Cooking - Chip/fat pan fires | Faulty appliances and leads | Faulty fuel supplies | Misuse of equipment or appliance (heat source) ² | Playing with fire | Others | Unspecified | Total |
| Blowlamps | - | - | - | - | - | - | - | - | - | - |
| Candles | - | 1 | - | - | - | - | - | - | - | 1 |
| Central/Water heating appliances | - | - | - | - | - | - | - | - | - | - |
| Chimney, stove pipe, flue | - | - | - | - | - | - | - | - | - | - |
| Cooking appliances | 1 | - | 3 | - | - | - | - | - | - | 4 |
| Electrical distribution | - | - | - | - | 1 | - | - | - | - | 1 |
| Other electrical appliances | - | - | - | 1 | - | - | - | - | - | 1 |
| Smokers' materials and matches | 2 | 12 | - | - | - | - | - | 3 | - | 17 |
| Space heating appliances | 2 | 1 | - | - | - | - | - | 2 | - | 5 |
| Welding/cutting equipment | - | - | - | - | - | - | - | - | - | - |
| Other | - | 1 | - | - | - | - | - | - | 1 | 2 |
| Unspecified | - | - | - | 2 | - | - | - | 3 | 1 | 6 |
| Total | 5 | 15 | 3 | 3 | 1 | - | - | 8 | 2 | 37 |

| | Non-Fatal Casualties of Accidental Primary Dwelling Fires ¹ | | | | | | | | | Number |
|----------------------------------|--|---|------------------------------|-----------------------------|----------------------|---|-------------------|-----------|-------------|--------------|
| | Placing articles too close to heat | Careless handling of fire or hot substances | Cooking - Chip/fat pan fires | Faulty appliances and leads | Faulty fuel supplies | Misuse of equipment or appliance (heat source) ² | Playing with fire | Others | Unspecified | Total |
| Blowlamps | - | - | - | - | - | 1 | - | - | - | 1 |
| Candles | 14 | 15 | - | - | - | 3 | 4 | 8 | - | 44 |
| Central/Water heating appliances | - | - | - | 1 | - | - | - | 2 | - | 3 |
| Chimney, stove pipe, flue | - | - | - | - | - | - | - | 8 | - | 8 |
| Cooking appliances | 30 | 34 | 170 | 7 | 3 | 348 | 1 | 7 | - | 600 |
| Electrical distribution | - | 1 | - | 14 | 18 | - | - | 3 | - | 36 |
| Other electrical appliances | 5 | 2 | 1 | 42 | 8 | 5 | - | 7 | - | 70 |
| Smokers' materials and matches | 7 | 118 | - | - | - | 8 | 4 | 6 | - | 143 |
| Space heating appliances | 27 | 3 | - | 5 | 1 | 1 | - | 3 | - | 40 |
| Welding/cutting equipment | - | - | - | - | - | 1 | - | 2 | - | 3 |
| Other | 9 | 7 | - | 2 | 1 | - | 5 | 4 | - | 28 |
| Unspecified | 2 | 6 | - | 2 | - | - | - | 22 | 6 | 38 |
| Total | 94 | 186 | 171 | 73 | 31 | 367 | 14 | 72 | 6 | 1,014 |

Notes

1 - there has been a change in the recording of non-fatal casualties and 2009-10 and beyond can no longer be compared to previous years - see section [6.5.2 ii](#) for details

2 - Under IRS, the category for "Misuse of equipment or appliances" includes incidents which have been recorded as "Other cooking" (a new category introduced with IRS). It is believed that the majority of these incidents were previously recorded as the misuse of cooking appliances under the FDR1 collection.

Table 24: Accidental dwelling fires where impairment due to suspected alcohol/drugs use was a contributory factor, 2009-10 to 2012-13^p – Scotland

| Year | Suspected alcohol/drugs ¹ | | | Number | Percentage | | |
|----------------------|--------------------------------------|-------|-----------|---------------------------------|------------|------|-----------|
| | Yes | No | Not known | Total accidental dwelling fires | Yes | No | Not known |
| 2009-10 | 886 | 3,698 | 795 | 5,379 | 16.5 | 68.7 | 14.8 |
| 2010-11 ^r | 835 | 3,693 | 686 | 5,214 | 16.0 | 70.8 | 13.2 |
| 2011-12 ^r | 865 | 3,556 | 700 | 5,121 | 16.9 | 69.4 | 13.7 |
| 2012-13 ^p | 775 | 3,575 | 644 | 4,994 | 15.5 | 71.6 | 12.9 |

Table 24a: Accidental dwelling fires where impairment due to suspected alcohol/drugs use was a contributory factor, 2012-13 provisional - Fire and Rescue service

| FRS | Suspected alcohol/drugs ¹ | | | Number | Percentage | | |
|---------------------|--------------------------------------|-------|-----------|---------------------------------|------------|------|-----------|
| | Yes | No | Not known | Total accidental dwelling fires | Yes | No | Not known |
| Central | 25 | 132 | 28 | 185 | 13.5 | 71.4 | 15.1 |
| Dumfries & Galloway | 14 | 80 | 4 | 98 | 14.3 | 81.6 | 4.1 |
| Fife | 39 | 197 | 26 | 262 | 14.9 | 75.2 | 9.9 |
| Grampian | 75 | 381 | 27 | 483 | 15.5 | 78.9 | 5.6 |
| Highlands & Islands | 24 | 142 | 9 | 175 | 13.7 | 81.1 | 5.1 |
| Lothian & Borders | 120 | 751 | 190 | 1,061 | 11.3 | 70.8 | 17.9 |
| Strathclyde | 416 | 1,587 | 299 | 2,302 | 18.1 | 68.9 | 13.0 |
| Tayside | 62 | 305 | 61 | 428 | 14.5 | 71.3 | 14.3 |
| Scotland | 775 | 3,575 | 644 | 4,994 | 15.5 | 71.6 | 12.9 |

Table 24b: Casualties from accidental dwelling fires where suspected alcohol/drug use was a contributory factor to the fire, 2009-10 to 2012-13^p – Scotland

| Year | Fatal Casualties in fires where suspected alcohol/drugs ¹ | | | Number | Non-Fatal Casualties in fires where suspected alcohol/drugs ¹ | | | Number |
|----------------------|--|----|-----------|---|--|-----|-----------|---|
| | Yes | No | Not known | Fatal casualties from accidental dwelling fires | Yes | No | Not known | Non-fatal casualties from accidental dwelling fires |
| 2009-10 | 19 | 4 | 25 | 48 | 307 | 443 | 136 | 886 |
| 2010-11 ^r | 11 | 12 | 20 | 43 | 263 | 538 | 174 | 975 |
| 2011-12 ^r | 14 | 13 | 21 | 48 | 298 | 515 | 172 | 985 |
| 2012-13 ^p | 10 | 10 | 17 | 37 | 277 | 604 | 133 | 1,014 |

Notes:

p - provisional

r - revised

1 - see section [6.9.1](#) for definition for fires

Table 25: Primary fires in dwellings and other buildings by spread of fire 2003-04 to 2012-13^p - Scotland¹

| Year | Primary Fires in Dwellings | | | | | | Number |
|----------------------|----------------------------|---------------------------------------|----------------------------|----------------------|-------------|--|------------------------|
| | Fire confined to the item | Fire beyond item but confined to room | Fire elsewhere in building | Fire beyond building | Unspecified | Smoke and/or heat damage only (no fire) ² | Total - Dwelling fires |
| 2003-04 | * | * | * | * | * | * | 8,131 |
| 2004-05 | * | * | * | * | * | * | 7,048 |
| 2005-06 | * | * | * | * | * | * | 7,061 |
| 2006-07 | * | * | * | * | * | * | 6,963 |
| 2007-08 | * | * | * | * | * | * | 6,666 |
| 2008-09 | * | * | * | * | * | * | 6,705 |
| 2009-10 | 1,392 | 1,249 | 607 | 87 | 272 | 2,966 | 6,573 |
| 2010-11 ^r | 1,516 | 1,254 | 595 | 113 | 267 | 2,555 | 6,300 |
| 2011-12 ^r | 1,611 | 1,223 | 496 | 59 | 218 | 2,554 | 6,161 |
| 2012-13 ^p | 1,505 | 1,100 | 452 | 80 | 148 | 2,535 | 5,820 |

| Year | Primary Fires in Dwellings | | | | | Percentage |
|----------------------|----------------------------|---------------------------------------|----------------------------|----------------------|-------------|--|
| | Fire confined to the item | Fire beyond item but confined to room | Fire elsewhere in building | Fire beyond building | Unspecified | Smoke and/or heat damage only (no fire) ² |
| 2003-04 | * | * | * | * | * | * |
| 2004-05 | * | * | * | * | * | * |
| 2005-06 | * | * | * | * | * | * |
| 2006-07 | * | * | * | * | * | * |
| 2007-08 | * | * | * | * | * | * |
| 2008-09 | * | * | * | * | * | * |
| 2009-10 | 21.2 | 19.0 | 9.2 | 1.3 | 4.1 | 45.1 |
| 2010-11 ^r | 24.1 | 19.9 | 9.4 | 1.8 | 4.2 | 40.6 |
| 2011-12 ^r | 26.1 | 19.9 | 8.1 | 1.0 | 3.5 | 41.5 |
| 2012-13 ^p | 25.9 | 18.9 | 7.8 | 1.4 | 2.5 | 43.6 |

| Year | Primary Fires in Other Buildings | | | | | | Number |
|----------------------|----------------------------------|---------------------------------------|----------------------------|----------------------|-------------|--|-------------------------------|
| | Fire confined to the item | Fire beyond item but confined to room | Fire elsewhere in building | Fire beyond building | Unspecified | Smoke and/or heat damage only (no fire) ² | Total - Other Buildings fires |
| 2003-04 | * | * | * | * | * | * | 3,445 |
| 2004-05 | * | * | * | * | * | * | 3,134 |
| 2005-06 | * | * | * | * | * | * | 3,258 |
| 2006-07 | * | * | * | * | * | * | 2,887 |
| 2007-08 | * | * | * | * | * | * | 2,922 |
| 2008-09 | * | * | * | * | * | * | 2,630 |
| 2009-10 | 695 | 602 | 204 | 315 | 629 | 563 | 3,008 |
| 2010-11 ^r | 757 | 481 | 194 | 331 | 254 | 821 | 2,838 |
| 2011-12 ^r | 753 | 477 | 161 | 331 | 109 | 887 | 2,718 |
| 2012-13 ^p | 639 | 433 | 146 | 274 | 56 | 833 | 2,381 |

| Year | Primary Fires in Other Buildings | | | | | Percentage |
|----------------------|----------------------------------|---------------------------------------|----------------------------|----------------------|-------------|--|
| | Fire confined to the item | Fire beyond item but confined to room | Fire elsewhere in building | Fire beyond building | Unspecified | Smoke and/or heat damage only (no fire) ² |
| 2003-04 | * | * | * | * | * | * |
| 2004-05 | * | * | * | * | * | * |
| 2005-06 | * | * | * | * | * | * |
| 2006-07 | * | * | * | * | * | * |
| 2007-08 | * | * | * | * | * | * |
| 2008-09 | * | * | * | * | * | * |
| 2009-10 | 23.1 | 20.0 | 6.8 | 10.5 | 20.9 | 18.7 |
| 2010-11 ^r | 26.7 | 16.9 | 6.8 | 11.7 | 8.9 | 28.9 |
| 2011-12 ^r | 27.7 | 17.5 | 5.9 | 12.2 | 4.0 | 32.6 |
| 2012-13 ^p | 26.8 | 18.2 | 6.1 | 11.5 | 2.4 | 35.0 |

Notes
p - provisional
r - revised
1 - figures before 2009-10 for primary fires are based on sample data weighted to Fire and Rescue Service totals
2 - there has been a change in the recording of spread of fire - see section [6.5.3 v](#) for details

Table 26: Number and percentage of primary and secondary fires by number of appliances in attendance 2009-10 to 2012-13^P - Scotland^{1,2}

| Year | Primary fires | | | | | | Number |
|----------------------|---------------|--------------|----------------|-----------------|-------------------|-------------------------|---------------|
| | 1 appliance | 2 appliances | 3-5 appliances | 6-10 appliances | 11- 15 appliances | 16 and above appliances | Total |
| 2009-10 | 4,877 | 6,036 | 2,827 | 106 | 31 | 20 | 13,897 |
| 2010-11 ^r | 4,543 | 5,918 | 2,404 | 155 | 29 | 27 | 13,076 |
| 2011-12 ^r | 3,984 | 5,444 | 2,689 | 131 | 28 | 17 | 12,293 |
| 2012-13 ^P | 3,349 | 5,114 | 2,341 | 97 | 27 | 13 | 10,941 |

| Year | Primary fires | | | | | Percentage |
|----------------------|---------------|--------------|----------------|-----------------|-------------------|-------------------------|
| | 1 appliance | 2 appliances | 3-5 appliances | 6-10 appliances | 11- 15 appliances | 16 and above appliances |
| 2009-10 | 35.1 | 43.4 | 20.3 | 0.8 | 0.2 | 0.1 |
| 2010-11 ^r | 34.7 | 45.3 | 18.4 | 1.2 | 0.2 | 0.2 |
| 2011-12 ^r | 32.4 | 44.3 | 21.9 | 1.1 | 0.2 | 0.1 |
| 2012-13 ^P | 30.6 | 46.7 | 21.4 | 0.9 | 0.2 | 0.1 |

| Year | Secondary fires | | | Number |
|----------------------|-----------------|--------------|----------------|---------------|
| | 1 appliance | 2 appliances | 3-5 appliances | Total |
| 2009-10 | 19,641 | 2,785 | 496 | 22,922 |
| 2010-11 ^r | 20,471 | 3,190 | 494 | 24,155 |
| 2011-12 ^r | 15,623 | 2,573 | 430 | 18,626 |
| 2012-13 ^P | 11,940 | 1,884 | 346 | 14,170 |

| Year | Secondary fires | | Percentage |
|----------------------|-----------------|--------------|----------------|
| | 1 appliance | 2 appliances | 3-5 appliances |
| 2009-10 | 85.7 | 12.1 | 2.2 |
| 2010-11 ^r | 84.7 | 13.2 | 2.0 |
| 2011-12 ^r | 83.9 | 13.8 | 2.3 |
| 2012-13 ^P | 84.3 | 13.3 | 2.4 |

Notes

p – provisional

r - revised

1 - Number of appliance includes the following types from IRS: Pumping - L4T – 4 x 4 or other off road or specialist vehicle, Pumping - Pump / Pump ladder, Pumping - Small fires unit, Pumping - Water tender ladder, Pumping - Water tender, Rescue - Rescue tender, ARP - Aerial Rescue Platform

2 - Number of primary and secondary fires excludes the following types:

i) the fire and rescue authority became aware of the fire only after the fire was known to have been extinguished (late calls)

ii) where none the appliances listed in note 1 are involved

Table 26a: Number and percentage of primary and secondary fires by number of appliances in attendance 2012-13 provisional - Fire and Rescue Service^{1,2}

| FRS | Primary fires | | | | | | Number |
|---------------------|---------------|--------------|----------------|-----------------|-------------------|-------------------------|---------------|
| | 1 appliance | 2 appliances | 3-5 appliances | 6-10 appliances | 11- 15 appliances | 16 and above appliances | Total |
| Central | 145 | 218 | 60 | 5 | 2 | - | 430 |
| Dumfries & Galloway | 92 | 127 | 16 | - | - | - | 235 |
| Fife | 212 | 319 | 82 | 5 | - | - | 618 |
| Grampian | 361 | 372 | 356 | 5 | 1 | 1 | 1,096 |
| Highlands & Islands | 218 | 199 | 46 | 12 | 5 | 1 | 481 |
| Lothian & Borders | 687 | 830 | 540 | 24 | 5 | 2 | 2,088 |
| Strathclyde | 1,440 | 2,572 | 1,095 | 39 | 13 | 9 | 5,168 |
| Tayside | 194 | 477 | 146 | 7 | 1 | - | 825 |
| Scotland | 3,349 | 5,114 | 2,341 | 97 | 27 | 13 | 10,941 |

| Primary fires | | | | | | Percentage |
|---------------|--------------|----------------|-----------------|-------------------|-------------------------|------------|
| 1 appliance | 2 appliances | 3-5 appliances | 6-10 appliances | 11- 15 appliances | 16 and above appliances | |
| 33.7 | 50.7 | 14.0 | 1.2 | 0.5 | - | |
| 39.1 | 54.0 | 6.8 | - | - | - | |
| 34.3 | 51.6 | 13.3 | 0.8 | - | - | |
| 32.9 | 33.9 | 32.5 | 0.5 | 0.1 | 0.1 | |
| 45.3 | 41.4 | 9.6 | 2.5 | 1.0 | 0.2 | |
| 32.9 | 39.8 | 25.9 | 1.1 | 0.2 | 0.1 | |
| 27.9 | 49.8 | 21.2 | 0.8 | 0.3 | 0.2 | |
| 23.5 | 57.8 | 17.7 | 0.8 | 0.1 | - | |
| 30.6 | 46.7 | 21.4 | 0.9 | 0.2 | 0.1 | |

| Year | Secondary fires | | | Number |
|---------------------|-----------------|--------------|----------------|---------------|
| | 1 appliance | 2 appliances | 3-5 appliances | Total |
| Central | 556 | 30 | 5 | 591 |
| Dumfries & Galloway | 118 | 6 | 1 | 125 |
| Fife | 650 | 34 | 5 | 689 |
| Grampian | 667 | 68 | 21 | 756 |
| Highlands & Islands | 496 | 65 | 27 | 588 |
| Lothian & Borders | 1,892 | 97 | 30 | 2,019 |
| Strathclyde | 6,953 | 1,523 | 248 | 8,724 |
| Tayside | 608 | 61 | 9 | 678 |
| Scotland | 11,940 | 1,884 | 346 | 14,170 |

| Secondary fires | | | Percentage |
|-----------------|--------------|----------------|------------|
| 1 appliance | 2 appliances | 3-5 appliances | |
| 94.1 | 5.1 | 0.8 | |
| 94.4 | 4.8 | 0.8 | |
| 94.3 | 4.9 | 0.7 | |
| 88.2 | 9.0 | 2.8 | |
| 84.4 | 11.1 | 4.6 | |
| 93.7 | 4.8 | 1.5 | |
| 79.7 | 17.5 | 2.8 | |
| 89.7 | 9.0 | 1.3 | |
| 84.3 | 13.3 | 2.4 | |

Notes

1 - Number of appliance includes the following types from IRS: Pumping - L4T – 4 x 4 or other off road or specialist vehicle, Pumping - Pump / Pump ladder, Pumping - Small fires unit, Pumping - Water tender ladder, Pumping - Water tender, Rescue - Rescue tender, ARP - Aerial Rescue Platform

2 - Number of primary and secondary fires excludes the following types:

- i) the fire and rescue authority became aware of the fire only after the fire was known to have been extinguished (late calls)
- ii) where none of the appliances listed in note 1 are involved

Table 27: Primary fires by location and time of call 2003-04 to 2012-13^P - Scotland¹

| Year | All Primary Fires - Time of Call | | | | | | | | | | | | | | | | | | | | | | | Number | | |
|----------------------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--------|-----|-----|-----|-------|-------|-------|-------|-------|-----|-------|--------|-------------|-------------------------|
| | midnight | 1am | 2am | 3am | 4am | 5am | 6am | 7am | 8am | 9am | 10am | 11am | midday | 1pm | 2pm | 3pm | 4pm | 5pm | 6pm | 7pm | 8pm | 9pm | 10pm | 11pm | unspecified | Total all primary fires |
| 2003-04 | 845 | 754 | 680 | 573 | 535 | 380 | 293 | 322 | 299 | 481 | 516 | 497 | 709 | 651 | 767 | 790 | 1,042 | 1,064 | 1,143 | 1,113 | 1,231 | 997 | 1,050 | 958 | - | 17,688 |
| 2004-05 | 698 | 604 | 557 | 541 | 439 | 315 | 306 | 287 | 322 | 431 | 403 | 492 | 525 | 600 | 642 | 680 | 882 | 944 | 951 | 1,004 | 868 | 958 | 891 | 810 | - | 15,150 |
| 2005-06 | 721 | 668 | 606 | 496 | 434 | 334 | 268 | 283 | 342 | 373 | 453 | 490 | 600 | 631 | 616 | 693 | 732 | 923 | 920 | 960 | 954 | 934 | 905 | 789 | - | 15,125 |
| 2006-07 | 679 | 613 | 543 | 443 | 468 | 312 | 269 | 256 | 369 | 322 | 434 | 488 | 584 | 577 | 596 | 710 | 782 | 935 | 950 | 949 | 938 | 962 | 832 | 747 | - | 14,757 |
| 2007-08 | 598 | 532 | 511 | 422 | 381 | 290 | 231 | 301 | 278 | 406 | 411 | 461 | 565 | 510 | 597 | 599 | 827 | 846 | 842 | 825 | 899 | 840 | 716 | 728 | - | 13,618 |
| 2008-09 | 604 | 564 | 522 | 393 | 397 | 254 | 264 | 296 | 268 | 330 | 401 | 505 | 505 | 535 | 538 | 666 | 655 | 837 | 864 | 885 | 787 | 781 | 686 | 635 | 1 | 13,174 |
| 2009-10 | 606 | 536 | 522 | 426 | 364 | 244 | 210 | 277 | 293 | 348 | 392 | 499 | 579 | 651 | 645 | 670 | 744 | 851 | 943 | 941 | 908 | 896 | 789 | 684 | - | 14,018 |
| 2010-11 ¹ | 578 | 538 | 457 | 391 | 311 | 282 | 200 | 248 | 287 | 370 | 422 | 506 | 552 | 554 | 618 | 585 | 745 | 890 | 859 | 835 | 875 | 782 | 685 | 628 | - | 13,198 |
| 2011-12 ² | 552 | 488 | 416 | 378 | 298 | 225 | 220 | 236 | 306 | 331 | 389 | 456 | 505 | 569 | 545 | 604 | 720 | 821 | 803 | 842 | 774 | 737 | 610 | 592 | - | 12,417 |
| 2012-13 ^P | 440 | 390 | 333 | 283 | 237 | 212 | 183 | 222 | 310 | 338 | 352 | 397 | 464 | 529 | 532 | 600 | 667 | 745 | 731 | 727 | 701 | 597 | 549 | 506 | - | 11,045 |

| Year | Primary Dwelling Fires - Time of Call | | | | | | | | | | | | | | | | | | | | | | | Number | | |
|----------------------|---------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------|-------------|----------------------|
| | midnight | 1am | 2am | 3am | 4am | 5am | 6am | 7am | 8am | 9am | 10am | 11am | midday | 1pm | 2pm | 3pm | 4pm | 5pm | 6pm | 7pm | 8pm | 9pm | 10pm | 11pm | unspecified | Total dwelling fires |
| 2003-04 | 370 | 267 | 240 | 206 | 176 | 137 | 135 | 126 | 160 | 192 | 244 | 258 | 337 | 339 | 381 | 416 | 554 | 651 | 649 | 551 | 532 | 399 | 437 | 375 | - | 8,131 |
| 2004-05 | 246 | 257 | 195 | 192 | 167 | 115 | 126 | 107 | 131 | 219 | 183 | 235 | 246 | 329 | 378 | 333 | 461 | 573 | 548 | 469 | 450 | 399 | 357 | 336 | - | 7,048 |
| 2005-06 | 270 | 237 | 223 | 186 | 151 | 105 | 102 | 100 | 144 | 161 | 209 | 246 | 313 | 339 | 313 | 367 | 433 | 569 | 529 | 495 | 466 | 417 | 378 | 308 | - | 7,061 |
| 2006-07 | 258 | 209 | 220 | 154 | 162 | 137 | 108 | 108 | 151 | 140 | 210 | 207 | 318 | 332 | 325 | 395 | 433 | 551 | 559 | 549 | 380 | 386 | 378 | 296 | - | 6,963 |
| 2007-08 | 261 | 201 | 181 | 145 | 144 | 112 | 111 | 114 | 130 | 193 | 212 | 236 | 299 | 276 | 299 | 320 | 489 | 550 | 508 | 487 | 405 | 405 | 312 | 277 | - | 6,666 |
| 2008-09 | 260 | 263 | 210 | 129 | 125 | 91 | 119 | 110 | 145 | 198 | 200 | 271 | 296 | 301 | 298 | 367 | 386 | 531 | 513 | 522 | 399 | 340 | 348 | 280 | 1 | 6,705 |
| 2009-10 | 243 | 212 | 203 | 174 | 134 | 91 | 84 | 105 | 108 | 150 | 171 | 252 | 299 | 321 | 313 | 328 | 419 | 496 | 530 | 472 | 419 | 390 | 369 | 290 | - | 6,573 |
| 2010-11 ¹ | 230 | 252 | 181 | 159 | 116 | 126 | 81 | 101 | 108 | 154 | 185 | 228 | 291 | 284 | 322 | 309 | 427 | 488 | 473 | 448 | 390 | 350 | 319 | 278 | - | 6,300 |
| 2011-12 ² | 246 | 204 | 178 | 154 | 137 | 101 | 86 | 93 | 127 | 151 | 199 | 237 | 253 | 292 | 269 | 329 | 419 | 480 | 448 | 453 | 424 | 342 | 281 | 258 | - | 6,161 |
| 2012-13 ^P | 218 | 182 | 159 | 124 | 97 | 104 | 77 | 102 | 125 | 166 | 182 | 204 | 222 | 265 | 279 | 324 | 382 | 487 | 472 | 411 | 391 | 309 | 290 | 248 | - | 5,820 |

| Year | Primary Other Building Fires - Time of Call | | | | | | | | | | | | | | | | | | | | | | | Number | | |
|----------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------|-------------|----------------------------|
| | midnight | 1am | 2am | 3am | 4am | 5am | 6am | 7am | 8am | 9am | 10am | 11am | midday | 1pm | 2pm | 3pm | 4pm | 5pm | 6pm | 7pm | 8pm | 9pm | 10pm | 11pm | unspecified | Total other building fires |
| 2003-04 | 108 | 142 | 111 | 67 | 91 | 56 | 57 | 61 | 72 | 174 | 133 | 112 | 170 | 158 | 169 | 183 | 199 | 151 | 207 | 247 | 263 | 167 | 181 | 165 | - | 3,445 |
| 2004-05 | 132 | 96 | 100 | 84 | 84 | 66 | 78 | 83 | 77 | 128 | 130 | 140 | 161 | 143 | 127 | 143 | 188 | 180 | 168 | 209 | 138 | 196 | 133 | 149 | - | 3,134 |
| 2005-06 | 123 | 139 | 110 | 92 | 73 | 64 | 77 | 77 | 104 | 113 | 137 | 141 | 166 | 148 | 148 | 155 | 144 | 172 | 177 | 209 | 197 | 183 | 177 | 132 | - | 3,258 |
| 2006-07 | 115 | 126 | 92 | 86 | 55 | 53 | 58 | 40 | 105 | 104 | 171 | 134 | 131 | 114 | 122 | 151 | 128 | 158 | 153 | 133 | 214 | 204 | 113 | 126 | - | 2,887 |
| 2007-08 | 110 | 99 | 131 | 88 | 62 | 59 | 56 | 86 | 101 | 106 | 133 | 127 | 130 | 118 | 156 | 126 | 158 | 164 | 156 | 148 | 191 | 160 | 136 | 122 | - | 2,922 |
| 2008-09 | 88 | 80 | 76 | 56 | 90 | 63 | 59 | 100 | 84 | 83 | 115 | 131 | 97 | 125 | 90 | 162 | 150 | 167 | 136 | 169 | 183 | 147 | 98 | 81 | - | 2,630 |
| 2009-10 | 92 | 104 | 83 | 81 | 62 | 56 | 53 | 86 | 105 | 110 | 126 | 132 | 149 | 165 | 152 | 156 | 153 | 168 | 184 | 181 | 190 | 181 | 125 | 114 | - | 3,008 |
| 2010-11 ¹ | 98 | 88 | 80 | 55 | 71 | 49 | 52 | 59 | 96 | 122 | 144 | 161 | 141 | 139 | 142 | 128 | 132 | 174 | 172 | 167 | 196 | 146 | 111 | 115 | - | 2,838 |
| 2011-12 ² | 100 | 73 | 66 | 81 | 60 | 46 | 48 | 68 | 94 | 117 | 117 | 119 | 132 | 143 | 149 | 125 | 154 | 161 | 163 | 184 | 130 | 149 | 121 | 118 | - | 2,718 |
| 2012-13 ^P | 71 | 61 | 70 | 66 | 56 | 41 | 47 | 51 | 101 | 89 | 93 | 109 | 137 | 139 | 132 | 132 | 140 | 124 | 119 | 146 | 142 | 122 | 97 | 96 | - | 2,381 |

| Year | Primary Outdoor - Time of Call | | | | | | | | | | | | | | | | | | | | | | | Number | | |
|----------------------|--------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|--------|-------------|---------------------|
| | midnight | 1am | 2am | 3am | 4am | 5am | 6am | 7am | 8am | 9am | 10am | 11am | midday | 1pm | 2pm | 3pm | 4pm | 5pm | 6pm | 7pm | 8pm | 9pm | 10pm | 11pm | unspecified | Total outdoor fires |
| 2003-04 | 366 | 345 | 329 | 299 | 268 | 186 | 102 | 135 | 68 | 114 | 140 | 127 | 203 | 154 | 217 | 191 | 288 | 262 | 287 | 315 | 436 | 431 | 432 | 417 | - | 6,112 |
| 2004-05 | 320 | 251 | 262 | 265 | 188 | 134 | 102 | 97 | 114 | 84 | 91 | 117 | 118 | 127 | 137 | 205 | 233 | 191 | 235 | 326 | 281 | 363 | 401 | 326 | - | 4,968 |
| 2005-06 | 328 | 292 | 273 | 218 | 210 | 165 | 89 | 106 | 94 | 99 | 107 | 103 | 121 | 144 | 155 | 171 | 155 | 182 | 214 | 256 | 291 | 334 | 350 | 349 | - | 4,806 |
| 2006-07 | 306 | 278 | 232 | 203 | 251 | 122 | 104 | 108 | 113 | 79 | 53 | 147 | 136 | 131 | 149 | 164 | 221 | 226 | 238 | 267 | 343 | 372 | 341 | 325 | - | 4,907 |
| 2007-08 | 228 | 233 | 199 | 189 | 175 | 119 | 64 | 101 | 47 | 107 | 65 | 98 | 136 | 116 | 141 | 153 | 180 | 132 | 178 | 190 | 303 | 274 | 269 | 329 | - | 4,030 |
| 2008-09 | 256 | 221 | 236 | 207 | 183 | 100 | 87 | 87 | 39 | 48 | 87 | 103 | 112 | 109 | 149 | 137 | 119 | 139 | 215 | 194 | 205 | 294 | 240 | 274 | - | 3,839 |
| 2009-10 | 271 | 220 | 236 | 171 | 168 | 97 | 73 | 86 | 80 | 88 | 95 | 115 | 131 | 165 | 180 | 186 | 172 | 187 | 229 | 288 | 299 | 325 | 295 | 280 | - | 4,437 |
| 2010-11 ¹ | 250 | 198 | 196 | 177 | 124 | 107 | 67 | 88 | 83 | 94 | 93 | 117 | 120 | 131 | 154 | 148 | 186 | 228 | 214 | 220 | 289 | 286 | 255 | 235 | - | 4,060 |
| 2011-12 ² | 206 | 211 | 172 | 143 | 101 | 78 | 86 | 75 | 85 | 63 | 73 | 100 | 120 | 134 | 127 | 150 | 147 | 180 | 192 | 205 | 220 | 246 | 208 | 216 | - | 3,538 |
| 2012-13 ^P | 151 | 147 | 104 | 93 | 84 | 67 | 59 | 69 | 84 | 83 | 77 | 84 | 105 | 125 | 121 | 144 | 145 | 134 | 140 | 170 | 168 | 166 | 162 | 162 | - | 2,844 |

Table 27a: Primary fires by location and time of call, 2012-13 provisional - Fire and Rescue Service

| FRS | All Primary Fires - Time of Call | | | | | | | | | | | | | | | | | | | | | | Number | | |
|---------------------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|------|-------------------------|
| | midnight | 1am | 2am | 3am | 4am | 5am | 6am | 7am | 8am | 9am | 10am | 11am | midday | 1pm | 2pm | 3pm | 4pm | 5pm | 6pm | 7pm | 8pm | 9pm | 10pm | 11pm | Total all primary fires |
| Central | 12 | 16 | 21 | 11 | 11 | 8 | 8 | 8 | 14 | 13 | 3 | 20 | 9 | 21 | 30 | 27 | 29 | 39 | 34 | 19 | 28 | 31 | 12 | 19 | 443 |
| Dumfries & Galloway | 8 | 6 | 7 | 8 | 8 | 4 | 4 | 9 | 8 | 10 | 13 | 10 | 6 | 12 | 15 | 11 | 14 | 13 | 19 | 10 | 6 | 14 | 12 | 10 | 237 |
| Fife | 25 | 24 | 18 | 20 | 18 | 13 | 11 | 11 | 22 | 23 | 17 | 24 | 32 | 37 | 30 | 28 | 38 | 38 | 26 | 39 | 34 | 42 | 34 | 24 | 628 |
| Grampian | 42 | 39 | 29 | 21 | 24 | 21 | 18 | 31 | 42 | 27 | 41 | 49 | 49 | 50 | 54 | 61 | 70 | 76 | 79 | 69 | 63 | 48 | 42 | 52 | 1,097 |
| Highlands & Islands | 10 | 10 | 13 | 11 | 4 | 8 | 8 | 10 | 13 | 14 | 19 | 17 | 30 | 42 | 33 | 31 | 35 | 30 | 30 | 31 | 29 | 23 | 17 | 15 | 483 |
| Lothian & Borders | 76 | 69 | 50 | 45 | 45 | 42 | 38 | 32 | 61 | 63 | 76 | 71 | 95 | 101 | 97 | 125 | 113 | 128 | 144 | 175 | 147 | 109 | 116 | 89 | 2,107 |
| Strathclyde | 243 | 202 | 183 | 149 | 114 | 104 | 81 | 102 | 125 | 154 | 145 | 169 | 210 | 225 | 226 | 267 | 316 | 341 | 352 | 327 | 331 | 295 | 284 | 258 | 5,203 |
| Tayside | 24 | 24 | 12 | 18 | 13 | 12 | 15 | 19 | 25 | 34 | 38 | 37 | 33 | 41 | 47 | 50 | 52 | 80 | 47 | 57 | 63 | 35 | 32 | 39 | 847 |
| Scotland | 440 | 390 | 333 | 283 | 237 | 212 | 183 | 222 | 310 | 338 | 352 | 397 | 464 | 529 | 532 | 600 | 667 | 745 | 731 | 727 | 701 | 597 | 549 | 506 | 11,045 |

| FRS | Primary Dwelling Fires - Time of Call | | | | | | | | | | | | | | | | | | | | | | Number | | |
|---------------------|---------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|----------------------|
| | midnight | 1am | 2am | 3am | 4am | 5am | 6am | 7am | 8am | 9am | 10am | 11am | midday | 1pm | 2pm | 3pm | 4pm | 5pm | 6pm | 7pm | 8pm | 9pm | 10pm | 11pm | Total dwelling fires |
| Central | 5 | 5 | 11 | 4 | 7 | 4 | 4 | 4 | 3 | 6 | 3 | 7 | 3 | 10 | 16 | 11 | 18 | 24 | 16 | 8 | 12 | 8 | 6 | 11 | 206 |
| Dumfries & Galloway | 5 | 5 | 3 | 3 | 3 | 1 | 1 | 3 | 2 | 5 | 5 | 2 | 1 | 1 | 10 | 5 | 6 | 10 | 12 | 8 | 3 | 4 | 5 | 4 | 107 |
| Fife | 13 | 12 | 9 | 9 | 5 | 7 | 2 | 4 | 9 | 11 | 6 | 14 | 13 | 18 | 13 | 17 | 20 | 21 | 17 | 24 | 13 | 17 | 17 | 7 | 298 |
| Grampian | 18 | 20 | 16 | 13 | 9 | 12 | 6 | 11 | 10 | 9 | 20 | 24 | 27 | 21 | 23 | 33 | 38 | 47 | 50 | 42 | 36 | 25 | 20 | 25 | 555 |
| Highlands & Islands | 6 | 7 | 3 | 5 | 2 | 5 | 3 | 4 | 1 | 6 | 4 | 5 | 8 | 13 | 9 | 8 | 14 | 17 | 18 | 14 | 8 | 9 | 10 | 4 | 183 |
| Lothian & Borders | 45 | 34 | 20 | 21 | 20 | 21 | 22 | 16 | 38 | 31 | 47 | 39 | 51 | 59 | 53 | 69 | 66 | 88 | 100 | 106 | 90 | 62 | 67 | 42 | 1,207 |
| Strathclyde | 106 | 89 | 90 | 60 | 50 | 48 | 34 | 52 | 82 | 77 | 91 | 105 | 124 | 123 | 152 | 187 | 225 | 233 | 179 | 196 | 161 | 144 | 128 | 2,788 | |
| Tayside | 20 | 10 | 7 | 9 | 1 | 6 | 5 | 8 | 10 | 16 | 20 | 22 | 14 | 19 | 32 | 29 | 33 | 55 | 26 | 30 | 33 | 23 | 21 | 27 | 476 |
| Scotland | 218 | 182 | 159 | 124 | 97 | 104 | 77 | 102 | 125 | 166 | 182 | 204 | 222 | 265 | 279 | 324 | 382 | 487 | 472 | 411 | 391 | 309 | 290 | 248 | 5,820 |

| FRS | Primary Other Building Fires - Time of Call | | | | | | | | | | | | | | | | | | | | | | Number | | |
|---------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|------|----------------------------|
| | midnight | 1am | 2am | 3am | 4am | 5am | 6am | 7am | 8am | 9am | 10am | 11am | midday | 1pm | 2pm | 3pm | 4pm | 5pm | 6pm | 7pm | 8pm | 9pm | 10pm | 11pm | Total other building fires |
| Central | 4 | 3 | 5 | 3 | - | 3 | 1 | 2 | 8 | 1 | - | 8 | 3 | 4 | 7 | 8 | 6 | 10 | 13 | 7 | 4 | 12 | 2 | 4 | 118 |
| Dumfries & Galloway | - | - | 2 | 4 | 1 | 1 | 2 | 3 | 3 | 1 | 4 | 5 | 3 | 6 | 3 | 4 | 5 | 2 | 4 | 1 | 1 | 5 | 4 | 1 | 65 |
| Fife | 5 | 5 | 2 | 5 | 4 | 3 | 3 | 3 | 9 | 5 | 6 | 6 | 10 | 9 | 5 | 5 | 8 | 6 | 3 | 4 | 7 | 11 | 4 | 4 | 132 |
| Grampian | 6 | 8 | 5 | 5 | 6 | 3 | 6 | 8 | 19 | 13 | 11 | 12 | 9 | 16 | 14 | 14 | 16 | 13 | 14 | 13 | 12 | 10 | 9 | 12 | 254 |
| Highlands & Islands | 2 | - | 5 | 2 | 2 | - | 2 | 1 | 4 | 1 | 4 | 6 | 5 | 9 | 10 | 10 | 5 | 6 | 2 | 13 | 11 | 5 | 3 | 5 | 113 |
| Lothian & Borders | 12 | 11 | 11 | 9 | 9 | 8 | 11 | 9 | 8 | 21 | 20 | 17 | 29 | 25 | 28 | 21 | 20 | 17 | 19 | 25 | 30 | 21 | 22 | 17 | 420 |
| Strathclyde | 41 | 29 | 38 | 31 | 26 | 21 | 19 | 22 | 40 | 38 | 39 | 46 | 65 | 55 | 62 | 58 | 66 | 56 | 58 | 69 | 63 | 53 | 46 | 48 | 1,089 |
| Tayside | 1 | 5 | 2 | 7 | 8 | 2 | 3 | 3 | 10 | 9 | 9 | 9 | 13 | 15 | 3 | 12 | 14 | 14 | 6 | 14 | 14 | 5 | 7 | 5 | 190 |
| Scotland | 71 | 61 | 70 | 66 | 56 | 41 | 47 | 51 | 101 | 89 | 93 | 109 | 137 | 139 | 132 | 132 | 140 | 124 | 119 | 146 | 142 | 122 | 97 | 96 | 2,381 |

| FRS | Primary Outdoor - Time of Call | | | | | | | | | | | | | | | | | | | | | | Number | | |
|---------------------|--------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|------|---------------------|
| | midnight | 1am | 2am | 3am | 4am | 5am | 6am | 7am | 8am | 9am | 10am | 11am | midday | 1pm | 2pm | 3pm | 4pm | 5pm | 6pm | 7pm | 8pm | 9pm | 10pm | 11pm | Total outdoor fires |
| Central | 3 | 8 | 5 | 4 | 4 | 1 | 3 | 2 | 3 | 6 | - | 5 | 3 | 7 | 7 | 8 | 5 | 5 | 5 | 4 | 12 | 11 | 4 | 4 | 119 |
| Dumfries & Galloway | 3 | 1 | 2 | 1 | 4 | 2 | 1 | 3 | 3 | 4 | 4 | 3 | 2 | 5 | 2 | 2 | 3 | 1 | 3 | 1 | 2 | 5 | 3 | 5 | 65 |
| Fife | 7 | 7 | 7 | 6 | 9 | 3 | 6 | 4 | 4 | 7 | 5 | 4 | 9 | 10 | 12 | 6 | 10 | 11 | 6 | 11 | 14 | 14 | 13 | 13 | 198 |
| Grampian | 18 | 11 | 8 | 3 | 9 | 6 | 6 | 12 | 13 | 5 | 10 | 13 | 13 | 13 | 17 | 14 | 16 | 16 | 15 | 14 | 15 | 13 | 13 | 15 | 288 |
| Highlands & Islands | 2 | 3 | 5 | 4 | - | 3 | 3 | 5 | 8 | 7 | 11 | 6 | 17 | 20 | 14 | 13 | 16 | 7 | 10 | 4 | 10 | 9 | 4 | 6 | 187 |
| Lothian & Borders | 19 | 24 | 19 | 15 | 16 | 13 | 5 | 7 | 15 | 11 | 9 | 15 | 15 | 17 | 16 | 35 | 27 | 23 | 25 | 44 | 27 | 26 | 27 | 30 | 480 |
| Strathclyde | 96 | 84 | 55 | 58 | 38 | 35 | 28 | 28 | 33 | 34 | 29 | 32 | 40 | 46 | 41 | 57 | 63 | 60 | 61 | 79 | 72 | 81 | 94 | 82 | 1,326 |
| Tayside | 3 | 9 | 3 | 2 | 4 | 4 | 7 | 8 | 5 | 9 | 9 | 6 | 6 | 7 | 12 | 9 | 5 | 11 | 15 | 13 | 16 | 7 | 4 | 7 | 181 |
| Scotland | 151 | 147 | 104 | 93 | 84 | 67 | 59 | 69 | 84 | 83 | 77 | 84 | 105 | 125 | 121 | 144 | 145 | 134 | 140 | 170 | 168 | 166 | 162 | 162 | 2,844 |

Notes

p - provisional

r - revised

1 - figures before 2009-10 for primary fires are based on sample data weighted to Fire and Rescue Service totals

Table 28: Rates of casualties in dwelling fires by time of call 2003-04 to 2012-13^p - Scotland¹

| Year | Number of Fatal Casualties in Primary Dwelling Fires | | | | | | | | | | | | | | | | | | | | | | | | Number Total fatal casualties |
|----------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-------------------------------|
| | midnight | 1am | 2am | 3am | 4am | 5am | 6am | 7am | 8am | 9am | 10am | 11am | midday | 1pm | 2pm | 3pm | 4pm | 5pm | 6pm | 7pm | 8pm | 9pm | 10pm | 11pm | |
| 2003-04 | 1 | 3 | 5 | 5 | 4 | 1 | 3 | 4 | 3 | 1 | - | 2 | 2 | 3 | 1 | 1 | 4 | 3 | 1 | - | - | 5 | - | 4 | - |
| 2004-05 | 4 | 3 | 3 | 5 | 5 | 6 | 2 | 2 | 1 | 5 | 2 | 1 | 6 | - | 2 | 2 | 3 | 4 | 2 | 2 | 5 | 5 | 2 | 4 | - |
| 2005-06 | 2 | 2 | 3 | - | 6 | 2 | 5 | 2 | 1 | 1 | - | - | 1 | 2 | 2 | 4 | 2 | 2 | 5 | 1 | 4 | 3 | - | 3 | - |
| 2006-07 | 2 | 5 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 4 | 2 | 2 | 1 | 1 | - | 2 | - | 2 | 1 | 1 | - | 1 | 1 | 2 | - |
| 2007-08 | 2 | 5 | 4 | 1 | 3 | 1 | 1 | 5 | 2 | 3 | 2 | - | 1 | 5 | 1 | 3 | 3 | 2 | 5 | 1 | 4 | - | 1 | 3 | - |
| 2008-09 | 1 | - | 3 | 3 | 5 | 3 | 1 | 5 | 2 | - | 1 | 3 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 4 | 3 | 2 | - | - | - |
| 2009-10 | 4 | 4 | 7 | 3 | 3 | 1 | 1 | - | 2 | - | - | 1 | 3 | - | - | - | 4 | 2 | 8 | 3 | - | - | 5 | 1 | - |
| 2010-11 ^f | 1 | 5 | 2 | 5 | 2 | 3 | 3 | 2 | 1 | - | 2 | 1 | 1 | 2 | 2 | 1 | 1 | 3 | - | - | 1 | 1 | 1 | 5 | - |
| 2011-12 ^f | 1 | 2 | 4 | 3 | 2 | 3 | 1 | 2 | 2 | - | 3 | 3 | 5 | 1 | 1 | 2 | 4 | 2 | - | 1 | 1 | 3 | 5 | 1 | - |
| 2012-13 ^p | 1 | 1 | 3 | 2 | 1 | 5 | 1 | 3 | 2 | 2 | 4 | 1 | 1 | - | - | 3 | 1 | - | 2 | 1 | - | 2 | 3 | 2 | - |

| Year | Rate of Fatal Casualties per 1000 Primary Dwelling Fires | | | | | | | | | | | | | | | | | | | | | | | | Rate Total rate fatal casualties per 1000 |
|----------------------|--|------|------|------|------|------|------|------|------|------|------|------|--------|------|-----|------|------|-----|------|-----|------|------|------|------|---|
| | midnight | 1am | 2am | 3am | 4am | 5am | 6am | 7am | 8am | 9am | 10am | 11am | midday | 1pm | 2pm | 3pm | 4pm | 5pm | 6pm | 7pm | 8pm | 9pm | 10pm | 11pm | |
| 2003-04 | 2.7 | 11.2 | 20.8 | 24.3 | 22.7 | 7.3 | 22.2 | 31.7 | 18.8 | 5.2 | - | 7.8 | 5.9 | 8.8 | 2.6 | 2.4 | 7.2 | 4.6 | 1.5 | - | - | 12.5 | - | 10.7 | - |
| 2004-05 | 16.3 | 11.7 | 15.4 | 26.0 | 29.9 | 52.2 | 15.9 | 18.7 | 7.6 | 22.8 | 10.9 | 4.3 | 24.4 | - | 5.3 | 6.0 | 6.5 | 7.0 | 3.6 | 4.3 | 11.1 | 12.5 | 5.6 | 11.9 | - |
| 2005-06 | 7.4 | 8.4 | 13.5 | - | 39.7 | 19.0 | 49.0 | 20.0 | 6.9 | 6.2 | - | - | 3.2 | 5.9 | 6.4 | 10.9 | 4.6 | 3.5 | 9.5 | 2.0 | 8.6 | 7.2 | - | 9.7 | - |
| 2006-07 | 7.8 | 23.9 | 4.5 | 13.0 | 12.3 | 14.6 | 18.5 | 9.3 | 6.6 | 28.6 | 9.5 | 9.7 | 3.1 | 3.0 | - | 5.1 | - | 3.6 | 1.8 | 1.8 | - | 2.6 | 2.6 | 6.8 | - |
| 2007-08 | 7.7 | 24.9 | 22.1 | 6.9 | 20.8 | 8.9 | 9.0 | 43.9 | 15.4 | 15.5 | 9.4 | - | 3.3 | 18.1 | 3.3 | 9.4 | 6.1 | 3.6 | 9.8 | 2.1 | 9.9 | - | 3.2 | 10.8 | - |
| 2008-09 | 3.8 | - | 14.3 | 23.3 | 40.0 | 33.0 | 8.4 | 45.5 | 13.8 | - | 5.0 | 3.7 | 10.1 | 3.3 | 6.7 | 8.2 | 10.4 | 1.9 | 3.9 | 7.7 | 10.0 | 8.8 | 5.7 | - | - |
| 2009-10 | 16.5 | 18.9 | 34.5 | 17.2 | 22.4 | 11.0 | 11.9 | - | 18.5 | - | - | 11.9 | - | 6.2 | - | - | 9.5 | 4.0 | 15.1 | 6.4 | - | - | 13.6 | 3.4 | - |
| 2010-11 ^f | 4.3 | 19.8 | 11.0 | 31.4 | 17.2 | 23.8 | 37.0 | 19.8 | 9.3 | - | 10.8 | 4.4 | 3.4 | 7.0 | 6.2 | 3.2 | 2.3 | 6.1 | - | - | 2.6 | 2.9 | 3.1 | 18.0 | - |
| 2011-12 ^f | 4.1 | 9.8 | 22.5 | 19.5 | 14.6 | 29.7 | 11.6 | 21.5 | 15.7 | - | 15.1 | 12.7 | 19.8 | 3.4 | 3.7 | 6.1 | 9.5 | 4.2 | - | 2.2 | 2.4 | 8.8 | 17.8 | 3.9 | - |
| 2012-13 ^p | 4.6 | 5.5 | 18.9 | 16.1 | 10.3 | 48.1 | 13.0 | 29.4 | 16.0 | 12.0 | 22.0 | 4.9 | 4.5 | - | - | 9.3 | 2.6 | - | 4.2 | 2.4 | - | 6.5 | 10.3 | 8.1 | - |

| Year | Number of Non-Fatal Casualties in Primary Dwelling Fires ² | | | | | | | | | | | | | | | | | | | | | | | | Number Total non-fatal casualties |
|----------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----------------------------------|
| | midnight | 1am | 2am | 3am | 4am | 5am | 6am | 7am | 8am | 9am | 10am | 11am | midday | 1pm | 2pm | 3pm | 4pm | 5pm | 6pm | 7pm | 8pm | 9pm | 10pm | 11pm | |
| 2003-04 | 75 | 118 | 103 | 76 | 71 | 48 | 29 | 29 | 18 | 42 | 36 | 36 | 52 | 58 | 45 | 67 | 98 | 135 | 90 | 97 | 106 | 93 | 90 | 78 | - |
| 2004-05 | 83 | 86 | 61 | 91 | 40 | 40 | 57 | 23 | 33 | 27 | 25 | 30 | 42 | 54 | 46 | 67 | 69 | 111 | 99 | 114 | 80 | 103 | 69 | 83 | - |
| 2005-06 | 80 | 80 | 74 | 73 | 44 | 32 | 24 | 25 | 22 | 36 | 40 | 32 | 44 | 50 | 45 | 56 | 81 | 111 | 80 | 82 | 76 | 116 | 84 | 85 | - |
| 2006-07 | 77 | 59 | 62 | 51 | 35 | 54 | 50 | 31 | 26 | 16 | 36 | 34 | 40 | 58 | 39 | 61 | 73 | 103 | 96 | 121 | 71 | 53 | 98 | 106 | - |
| 2007-08 | 83 | 61 | 62 | 69 | 64 | 32 | 37 | 30 | 34 | 26 | 41 | 32 | 60 | 59 | 52 | 73 | 81 | 79 | 92 | 107 | 75 | 93 | 101 | 94 | - |
| 2008-09 | 81 | 80 | 67 | 56 | 54 | 33 | 33 | 20 | 29 | 22 | 37 | 45 | 51 | 38 | 48 | 63 | 76 | 85 | 94 | 107 | 85 | 65 | 90 | 97 | 1 |
| 2009-10 | 45 | 28 | 43 | 42 | 24 | 26 | 24 | 19 | 24 | 32 | 22 | 25 | 39 | 25 | 34 | 34 | 55 | 75 | 80 | 71 | 63 | 71 | 57 | 66 | - |
| 2010-11 ^f | 62 | 62 | 52 | 29 | 32 | 28 | 23 | 27 | 19 | 27 | 30 | 40 | 48 | 29 | 35 | 30 | 55 | 67 | 90 | 93 | 63 | 77 | 56 | 68 | - |
| 2011-12 ^f | 59 | 40 | 68 | 40 | 66 | 28 | 15 | 27 | 16 | 28 | 15 | 22 | 34 | 39 | 29 | 45 | 72 | 66 | 106 | 81 | 96 | 86 | 74 | 69 | - |
| 2012-13 ^p | 65 | 52 | 35 | 45 | 22 | 33 | 11 | 22 | 22 | 33 | 31 | 24 | 30 | 41 | 46 | 51 | 58 | 91 | 88 | 79 | 94 | 62 | 70 | 59 | - |

| Year | Rate of Non-Fatal Casualties per 1000 Primary Dwelling Fires ² | | | | | | | | | | | | | | | | | | | | | | | | Rate Total rate non-fatal casualties per 1000 |
|----------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| | midnight | 1am | 2am | 3am | 4am | 5am | 6am | 7am | 8am | 9am | 10am | 11am | midday | 1pm | 2pm | 3pm | 4pm | 5pm | 6pm | 7pm | 8pm | 9pm | 10pm | 11pm | |
| 2003-04 | 202.7 | 441.9 | 429.2 | 368.9 | 403.4 | 350.4 | 214.8 | 230.2 | 112.5 | 218.8 | 147.5 | 139.5 | 154.3 | 171.1 | 118.1 | 161.1 | 176.9 | 207.4 | 138.7 | 176.0 | 199.2 | 233.1 | 205.9 | 208.0 | - |
| 2004-05 | 337.4 | 334.6 | 312.8 | 474.0 | 239.5 | 347.8 | 452.4 | 215.0 | 251.9 | 123.3 | 136.6 | 127.7 | 170.7 | 164.1 | 121.7 | 201.2 | 149.7 | 193.7 | 180.7 | 243.1 | 177.8 | 258.1 | 193.3 | 247.0 | - |
| 2005-06 | 296.3 | 337.6 | 331.8 | 392.5 | 291.4 | 304.8 | 235.3 | 250.0 | 152.8 | 223.6 | 191.4 | 130.1 | 140.6 | 147.5 | 143.8 | 152.6 | 187.1 | 195.1 | 151.2 | 165.7 | 163.1 | 278.2 | 222.2 | 276.0 | - |
| 2006-07 | 298.4 | 282.3 | 281.8 | 331.2 | 216.0 | 394.2 | 463.0 | 287.0 | 172.2 | 114.3 | 171.4 | 164.3 | 125.8 | 174.7 | 120.0 | 154.4 | 168.6 | 186.9 | 171.7 | 220.4 | 186.8 | 137.3 | 259.3 | 358.1 | - |
| 2007-08 | 318.0 | 303.5 | 342.5 | 475.9 | 444.4 | 285.7 | 333.3 | 263.2 | 261.5 | 134.7 | 193.4 | 135.6 | 200.7 | 213.8 | 173.9 | 228.1 | 165.6 | 143.6 | 181.1 | 219.7 | 185.2 | 229.6 | 323.7 | 339.4 | - |
| 2008-09 | 311.5 | 304.2 | 319.0 | 434.1 | 432.0 | 362.6 | 277.3 | 181.8 | 200.0 | 111.1 | 185.0 | 166.1 | 172.3 | 126.2 | 161.1 | 171.7 | 196.9 | 160.1 | 183.2 | 205.0 | 213.0 | 191.2 | 258.6 | 346.4 | 0.1 |
| 2009-10 | 185.2 | 132.1 | 211.8 | 241.4 | 179.1 | 285.7 | 285.7 | 181.0 | 222.2 | 213.3 | 128.7 | 99.2 | 130.4 | 77.9 | 108.6 | 103.7 | 131.3 | 151.2 | 150.9 | 150.4 | 150.4 | 182.1 | 154.5 | 227.6 | - |
| 2010-11 ^f | 269.6 | 246.0 | 287.3 | 182.4 | 275.9 | 222.2 | 284.0 | 267.3 | 175.9 | 175.3 | 162.2 | 175.4 | 164.9 | 102.1 | 108.7 | 97.1 | 128.8 | 137.3 | 190.3 | 207.6 | 161.5 | 220.0 | 175.5 | 244.6 | - |
| 2011-12 ^f | 238.8 | 196.1 | 382.0 | 259.7 | 481.8 | 277.2 | 174.4 | 290.3 | 126.0 | 185.4 | 75.4 | 92.8 | 134.4 | 133.6 | 107.8 | 136.8 | 171.8 | 137.5 | 236.6 | 178.8 | 226.4 | 251.5 | 263.3 | 267.4 | - |
| 2012-13 ^p | 298.2 | 285.7 | 220.1 | 362.9 | 226.8 | 317.3 | 142.9 | 215.7 | 176.0 | 198.8 | 170.3 | 117.6 | 135.1 | 154.7 | 164.9 | 157.4 | 151.8 | 186.9 | 186.4 | 192.2 | 240.4 | 200.6 | 241.4 | 237.9 | - |

Notes

p - provisional

r - revised

1 - figures before 2009-10 for primary fires are based on sample data weighted to Fire and Rescue Service totals

2 - there has been a change in the recording of non-fatal casualties and 2009-10 and beyond can no longer be compared to previous years - see section [6.5.2 ii](#) for details

6. Notes on Statistics used in this publication

6.1 Background

6.1.1 The statistics in this publication are compiled from reports submitted to the Department of Communities and Local Government (DCLG) on fires attended by Fire and Rescue Services (FRSs). Although a variety of Scottish fire statistics are currently published annually by DCLG in their Fire Statistics Great Britain (FSGB), this publication is intended to provide a detailed overview of Scottish fire statistics over the past decade at a Fire and Rescue Service and Scotland level. Detailed information was provided on all fires in buildings, vehicles and outdoor structures and any fires involving casualties on the 'fire damage report' form FDR1 (94) and since 1st April 2009 by the Incident Recording System (IRS). Data collected before IRS on 'secondary' and 'chimney fires' was compiled as aggregated information on the FDR3 form; so subsequent analysis of them is limited.

6.2 Changes to this publication

6.2.1 In April 2009, Scotland's Fire and Rescue Services (FRSs) switched from the paper-based forms FDR1 and FDR3 to a new electronic recording system – the IRS. The benefit of this new system is that the data collection process is more streamlined and allows the statistics to be calculated on census data rather than on sampled data. It broadens the data collected to include *all* incidents attended by FRS, rather than just fire incidents. As with any change in collection there are areas where discontinuity has occurred in a number of 10 year trends for: non-fatal casualties, subcategories of other buildings, outdoor primary fires, secondary fires, smoke alarms and spread of fire, please see section [6.5.2](#) and [6.5.3](#) below.

6.2.2 Prior to 2009-10, data input of primary fire data was sampled. The detailed analysis of data other than for fires involving casualties is based on the sampled data grossed to FRSs' totals.

6.2.3 Since the 2008-09 publication the data has been produced in financial years rather than calendar years. The 10 year trend data has been recalculated to this new time span and comparisons to the previous Fire Statistics Scotland series should not be made as the time periods are not aligned. This important change will allow us to compare the fire statistics at GB level and aligns this publication with the rest of Justice Statistical Bulletins

6.2.4 Additional datasets are provided online and will be updated after the release of this publication. These cover the key statistics at FRS level for at least the last ten years and can be found at:

<http://www.scotland.gov.uk/Topics/Statistics/Browse/Crime-Justice/Datasets/DatasetsFire>. This will include any revision to key statistics at FRS level as set out in our revision policy in section [6.3](#).

Local Authority level key fire statistics for the provisional 2012-13 data will be produced in November 2013, on the website address above – an email will be sent to notify all Scotstat users. To register for Scotstat:

<http://www.scotland.gov.uk/Topics/Statistics/scotstat/Intro/Q/editmode/on/forceupdate/on>

6.2.5 To improve the timing of FRS statistics, this publication provides statistics on provisional data for 2012-13 which was extracted by DCLG on 13 May 2013.

6.3 Revision Policy

6.3.1 The data for this publication is revised for 2011-12 and 2012-13 as of 13 May 2013. IRS is a live system where FRSs can amend previously recorded information e.g. fire casualties. The data for 2012-13 is provisional and will be subject to future revisions. The datasets for 2009-10 and 2010-11 will now be closed and will not be subject to any further revisions except in exceptional circumstances

6.3.2 Revisions may still be made and will be handled according to Scottish Government’s [‘Corporate Policy Statement on Revisions and Corrections’](#) with the following clarifications:

| Data to be revised | When revisions are to be made and where |
|--------------------|---|
| Scotland figures | Revisions to 2010-11 and 2011-12 to appear in 2012-13 publication (this publication) Final revised figures for 2010-11 (barring exceptional circumstances) to appear in 2012-13 publication (this publication) Final revised figures for 2011-12 (barring exceptional circumstances) to appear in 2013-14 publication (next year’s publication) |
| FRS figures | Revisions to Key Statistics at FRS level will be published in the additional datasets on the same basis as above. |

6.3.3 The revision policy for Scotland allows for data to be provisional for longer than DCLG and Welsh Assembly Government (WAG) because Fire Statistics Scotland is only published on an annual basis, unlike the other nations’ publications.

6.3.4 There was an exceptional revision of data in 2009-10, where Highlands and Islands FRS were investigating a discrepancy between their management information system and IRS. The investigation was not completed before the 2010-11 publication but required revision between categories of fires – this data has now been updated and is available in the “Additional datasets – trends”:

<http://www.scotland.gov.uk/Topics/Statistics/Browse/Crime-Justice/Datasets/DatasetsFire>

6.4 Disclosure

6.4.1 The disclosure policy for data created for the Scotland Fire Data is available on the website with the additional datasets. It covers geographies for Scotland, FRS level and local authority level data.

<http://www.scotland.gov.uk/Topics/Statistics/Browse/Crime-Justice/Datasets/DatasetsFire>

6.5 Accuracy of Statistics

6.5.1 There was industrial action by FRSs in November 2002, January 2003 and February 2003. No information was recorded for the 15 days when industrial action took place. Previously, an estimate was provided for Scotland by DCLG, but with the move to financial years the datasets are unable to support this manual imputation due to the type of detailed breakdowns used in this publication. It is estimated that for Scotland data for 2003-04 is missing approximately 850 primary fires and 1,600 secondary fires due to the industrial action.

6.5.2 During quality assurance of the data collected from IRS, DCLG has identified the following two areas of potential discontinuity arising from the switchover from the old largely paper-based FDR system to the new IRS questions (i.e. between 2008-09 and 2009-10).

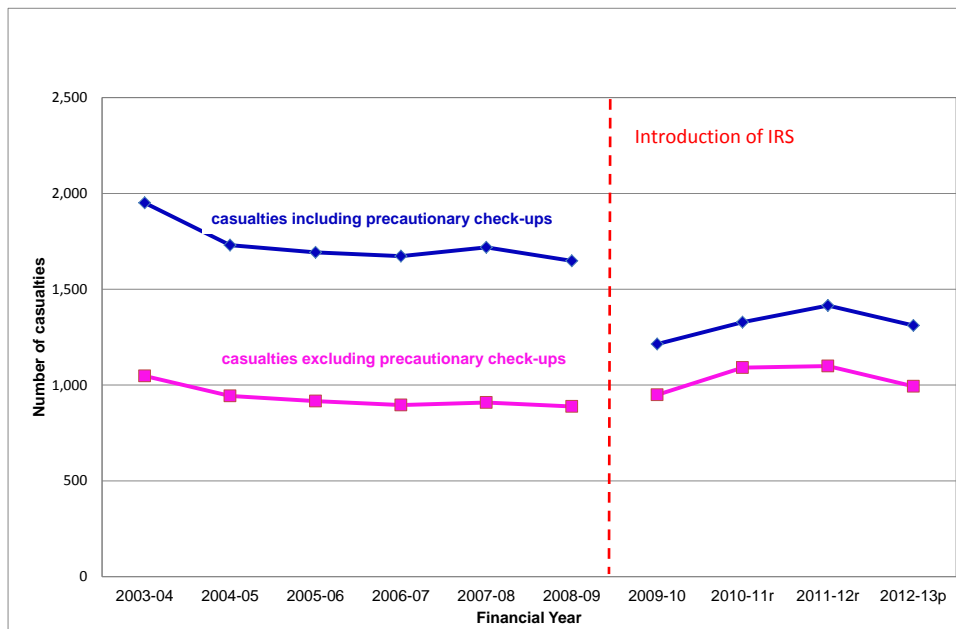
- i. The first area relates to increases (typically slight) in the numbers of certain incident types within the data of a handful of Fire and Rescue Services, notably in numbers of primary outdoor fires ([Table 1](#): Road Vehicles and Other Primary Fires). These are apparently not real increases, but rather the result of a small proportion of incidents in the past having been incorrectly reported as being 'secondary fires' rather than 'primary fires'. The following conclusions can be drawn:
 - it appears that these differences follow from incorrect reporting under the old FDR system
 - the effect on national totals appears to be slight
- ii. The second area is the discontinuity in the numbers of non-fatal casualties. This follows from improvements to the way in which non-fatal casualties have been recorded since the introduction of the IRS.
 - The first change is that each casualty or fatality can be marked as 'not fire-related'. This is allowed in the IRS system as it collects information on all incidents, unlike the FDR1 form which was specifically a 'report on fires'. In fire incidents, almost all non-fatal casualties can be expected to be 'fire-related', since very few would have occurred if there had not been a fire. However, around 10 % of non-fatal casualties for the UK were marked as not fire-related in 2009-10 at fire incidents. Due to this concern, those non-fatal casualties marked 'not fire-related' have not been excluded. Furthermore, excluding them would have introduced an even larger discontinuity compared to data from before the introduction of the new IRS.
 - For Scotland in particular, the changes in recording of IRS has affected the trend data for non-fatal casualties and it is recommended that this data prior to 2009-10 should not be compared.

Previously precautionary check-ups⁴ accounted for about 50 % of all non-fatal

⁴ **Precautionary checks:** A precautionary check is when an individual is sent to hospital or advised to see a doctor as a precaution, having no obvious injury or distress.

casualties, this reduced with the introduction of IRS. IRS has also introduced a new category under 'Severity of injury' which is 'First aid given at scene'. [Chart 13](#) illustrates that when precautionary check-ups are removed from the ten year data the trend increases slightly in 2009-10. This is due to the inclusion of first aid and the increase was expected. However the data including precautionary check-ups shows a distinct drop and should not be compared with data before 2009-10. With non-fatal casualties being such an important statistic for community fire safety policies, it was decided not to exclude the previous seven years' worth of data but to mark the tables with a break in trend. Also, to help with comparability, [Table 2](#) now also includes the subset "Non-fatal casualties in primary fires, excluding precautionary check-ups".

Chart 13- Non-fatal casualties from primary fires including/excluding precautionary check-ups, Scotland 2003-04 to 2012-13^P



Prior to 2009-10, the FDR1 reporting system asked for "nature of injury" only. The IRS system now asks "What is your understanding of the nature of injury?" and a follow up question on "What is your understanding of the severity of the injury?" Whereas precautionary check-ups were included as a category for what is the nature of injury in FDR1 form, they are now the follow up category in IRS. This means that FRSs must state the nature of injury before they can enter precautionary check-ups as a recommendation, thus reducing the response for precautionary check-ups between these recording systems.

6.5.3 Further quality assurance performed by Scottish Government has highlighted other discontinuities in trend data from 2008-09 to 2009-10:

- i. Other buildings prior to 2009-10 were related to industry classifications. When IRS was created more relevant categories were developed. Where possible the 10 year trend has been provided, if IRS and FDR1 definitions are the same.

- ii. Outdoor primary fires, except road vehicles, had 27 main category types when recorded in FDR1, with IRS this has increased to 42 types. With the more accurate recording of this information and the introduction of new categories, not all trend data could be aligned. The new categories in [Table 9](#) better support environmental (e.g. woodland and grassland fires) and anti-social behaviour (e.g. deliberate fires) policies.
- iii. Secondary fires were previously recorded on an FDR3 form. There were only 6 sub categories for these types of fires. The information was totalled monthly and recorded on this form. IRS now has over 100 categories for secondary fires. These have been grouped but some of the trends have not matched, especially for refuse fires. Previously, this always exceeded 18,000 fires. Now, with the 4 specific 'Refuse' categories in IRS this has reduced to 12,000 fires, which indicates that the IRS is providing wider and more accurate recording of secondary fires and that some fires that would previously have been categorised as 'Refuse' fires are now more accurately recorded in another category. Overall secondary fires are following the expected trends, but there has been a redistribution of the previously recorded FDR 3 refuse fires.
- iv. The smoke alarm question on FDR1 was a 'Yes' or 'No' response, whereas on IRS this option has been expanded to 'Yes', 'No' and 'Don't know'. The introduction of this new category has affected the trend data. It was felt important that the previous trend data be displayed, as this is important information for community fire safety policies. It is advised that 2009-10 is not compared with 2008-09 and earlier.
- v. IRS allows for more than one smoke alarm to be reported per fire incident. In order to maintain continuity with previous FDR1 data (where there was only one smoke alarm record per incident) if more than 1 smoke alarm is recorded against one IRS incident then any marked 'Present, operated and raised the alarm' have been selected as being the primary reported information for the incident. Further investigation into recording of smoke alarms needs to take place and consultation with UK counterparts on the recording of this will be undertaken in the future.
- vi. Before IRS the type of damage caused by a fire was calculated from a grid where the percentages of damage were written against the 4 causes: fire, heat, smoke and other. If smoke and/or heat were the only categories marked, the damage from the fire was considered as 'Heat and/or smoke damage only' and the spread of fire was not applicable. IRS now asks '*was there heat and/or smoke damage only?*' as a specific question. If 'Yes' is answered to this question, the spread of fire is not applicable. Prior to 2009-10 heat and/or smoke damage never exceeded 6 % of all dwelling fires. With the introduction of IRS this has jumped to 45 %. It is felt that further investigation is needed and it may be that another variable in IRS may be used in the future to estimate size of damage, which includes smoke and/or heat damage. Further analysis and consultation with UK counterparts on the recording of this will be undertaken in the future.
- vii. In IRS, the *motive* of fire is reported as 'accidental' or 'deliberate'. The *cause*

of fire also has 'deliberate' as a possible option. In FDR1 the 'deliberate' *motive* was the same as the 'deliberate' *cause*. This is not the same in IRS. In the IRS data, there is a small percentage of building fires where the *motive* and *cause* are different. The *cause* has been reported as 'Other' or 'Unspecified' although the *motive* was 'deliberate'. To maintain trend data, when the *motive* of fire is 'deliberate', the *motive* over-rides the *cause* of fire.

6.5.4 The databases before 2009-10 contain details of all fires with casualties, but only a sample of other fires. The data were all weighted to agreed Fire and Rescue Services' totals. The detailed analysis of data other than for casualties, or fires involving casualties was based on the sampled data grossed to Fire and Rescue Services' totals. The data in the pre-2009-10 tables may not summate to the total shown, due to the rounding of the sample data within subcategories.

6.5.5 In April 2012, there was an upgrade to the Incident Recording System (IRS). At this time there were some changes to some of the lower sub-categories for location and special services.

The details of these changes can be found at the Department of Communities and Local Government Website:

- [Incident recording taxonomy hierarchical list](#)
- [Incident recording system - questions and lists - version 1.6](#)

In [table 6](#), a number of the new special services categories were combined to form the previous categories to enable comparisons with previous years. These categories were:

- i. 'Medical incident co-responder' and 'Medical incident first responder' have been combined into the original category 'Medical incident co-responder/first responder'
- ii. 'Removal of objects from people' and 'Removal of people from objects' (new categories) have been combined into the original category 'Removal of objects'.

In tables [9](#), [9a](#), [19](#) and [19a](#).

- iii. the 'Outdoor location' categories have been aligned to produce the previous categories. For example, 'Wheelie bins' is now a new separate sub-category, but has been combined back into 'Refuse – small/rubbish container' to preserve the trend data.

Other changes resulting from the IRS amendments were:

- iv. In table [6b](#) and [6c](#), a number of new sub-categories have been introduced for RTC and Flooding. Where data for these new categories is available for 2011-12, this is due to the incident being added retrospectively.

6.6 Additional Information

6.6.1 DCLG will publish comparable fire statistics for Great Britain for 2012-13 at the following link in Winter 2013 - the links to fire statistics for Wales and Northern Ireland have also been supplied.

DCLG - England

<http://www.communities.gov.uk/fire/researchandstatistics/firestatistics/firestatisticsuk/>

Welsh Assembly Government (WAG) – Wales

<http://wales.gov.uk/topics/statistics/headlines/fire2012/?lang=en>

Northern Ireland Fire and Rescue Services – Northern Ireland

<http://www.nifrs.org/statistics/>

6.6.2 Summary information on the quality of these statistics and the potential use of the fire statistics can be found at:

<http://www.scotland.gov.uk/Topics/Statistics/Browse/Crime-Justice/DataSourcesFire>

6.6.3 In 2011-12, a data user review of this publication was undertaken. The results of this review can be found at:

<http://www.scotland.gov.uk/Topics/Statistics/Browse/Crime-Justice/scotstatcrime/StakeCon/Firesurvey2011>.

If you wish to comment on the contents of this publication, please contact us on:

justicestatistics@scotland.gsi.gov.uk

6.6.4 If you have an interest in fire statistics, please register with Scotstat. This is a website that allows you to register an interest on topics that Scottish Government produces statistics on; it also provides email alerts to the forthcoming changes, stakeholder consultations and publishing of statistical bulletins in areas you have marked of interest. To register an interest in fire, please tick this topic under the Justice heading. The link to this website is:

<http://www.scotland.gov.uk/Topics/Statistics/scotstat> or send an email to: justicestatistics@scotland.gsi.gov.uk requesting to be added to the fire data review..

6.7 Forthcoming changes

6.7.1 This is the last publication reporting on the 8 former FRS areas. The publication for 2013-14 will be the first publication covering the single Scottish Fire and Rescue Service (SFRS). The next publication will be redesigned to report information at Scotland and local authority level where appropriate. A data consultation on the new look publication will take place in winter 2013.

6.7.2 DCLG are in the process of reviewing IRS at the time of this publication. Any forthcoming changes from this review will be passed on to users of this publication through Scotstat and Scottish Government website:

<http://www.scotland.gov.uk/Topics/Statistics/Browse/Crime-Justice/TrenFires/forthcomingchange>

6.8 UK Statistics Authority – Assessment Report

The United Kingdom Statistics Authority has designated these statistics as National Statistics, in accordance with the Statistics and Registration Service Act 2007 and signifying compliance with the Code of Practice for Official Statistics.

Designation can be broadly interpreted to mean that the statistics:

- meet identified user needs;
- are well explained and readily accessible;
- are produced according to sound methods; and
- are managed impartially and objectively in the public interest.

Once statistics have been designated as National Statistics it is a statutory requirement that the Code of Practice shall continue to be observed.

The Assessment report, which was published in June 2012, can be accessed via the following link:

<http://www.statisticsauthority.gov.uk/assessment/assessment/assessment-reports/assessment-report-208---fire-statistics.pdf>

6.9 Glossary of terms

6.9.1 Details of the questions and categories used in the recording of incidents under the new IRS are available in the document IRS Questions and Lists. This can be downloaded from:

[Incident recording system - questions and lists - version 1.6](#)

Primary fires: Include all fires in non-derelict buildings and outdoor structures or any fires involving casualties or rescues or any fires attended by five or more appliances.

Secondary fires: Are the majority of outdoor fires including grassland and refuse fires unless they involve casualties or rescues, property loss or if five or more appliances attend. They include fires in derelict buildings but not chimney fires.

Fire fatal casualty: Fire fatalities include any fatal casualty which is the direct or indirect result of injuries caused by a fire incident. Even if the fatal casualty dies subsequently, any fatality whose cause is attributed to a fire is included. There are also occasional cases where it transpires subsequently that fire was not the cause of death. For all of these reasons, fatalities data may therefore be subject to revision.

Precautionary checks: A precautionary check is when an individual is sent to hospital or advised to see a doctor as a precaution, having no obvious injury or distress.

Special services: Special Services are non-fire incidents requiring the attendance of an appliance or officer. The Fire (Scotland) Act 2005 placed a statutory duty on FRS to attend fires and road traffic accidents. It also included an additional function order that covers non-fire incidents such as rescues from collapsed buildings or serious flooding ([Table 6](#) for the special service categories included in the publication).

Fires – impairment due to suspected alcohol/drugs use: In relation to the fire, FRS can record where they suspect that a contributory factor to the fire was due to a person being impaired because of suspected use of alcohol and/or drugs.

6.9.2 The following list shows the definitions used on the fire report form FDR1 (94):

A reportable fire: (no specific definition prior to 1994)

a reportable fire is an event of uncontrolled burning involving flames, heat or smoke and which the FRS attended

Late fire call: (no specific definition prior to 1994)

A fire known to be extinguished when the call was made (or which no call was made, e.g. a fire which comes to the attention of the FRS as a result of a press report or inquest) and the FRS attended. – late fire calls are included as fires in this publication.

Heat or smoke damage incidents (no specific definition prior to 1994)

These are reportable 'fires' where there is no fire damage. The damage reported may be due to any combination of heat, smoke and other which will include any water damage. – all heat and/or smoke damage incidents are included as fires in this publication..

Location: The type of premises, property or countryside in which the fire started. This is not necessarily the type of premises in which most casualties or damage occurred as a result of the fire.

Cause of fire: The defect, act or omission leading to ignition of the fire.

Deliberate: Includes fires where deliberate ignition is merely suspected, and recorded by the FRS as "doubtful".

Accidental: Includes fires where the cause was not known or unspecified.

Source of ignition: The source of the flame, spark or heat that started the fire.

Spread of fire: The extent to which fire damage (as opposed to heat, smoke or other damage) spread, for example, beyond the room of origin.

Buildings: All buildings including those under construction, but excluding derelict buildings or those under demolition. Prior to 1994 'buildings' were referred to as 'occupied buildings'.

Dwellings: Buildings occupied by households, excluding hotels, hostels and residential institutions. Mobile homes are specifically included in the dwelling count. In 2000, the definition of a dwelling (for FDR1 purposes) was widened to include any non-permanent structures used **solely** as a dwelling, such as caravans, houseboats etc. (amounts to 0.3 % of the total number of UK dwelling fires). This change brings the definition of a dwelling more in line with that required under Best Value legislation. All analyses prior to 1998 relating to dwellings were retrospectively revised to include the new categories of dwelling. Caravans, boats etc. **not used as a permanent dwelling** are shown according to the type of property (caravan, vehicle etc.).

Chimney fires: These are reportable fires in occupied buildings:

- where fire was confined within the chimney structure
- that did not involve casualties or rescues
- attended by four or fewer appliances

Outdoor fires: The term 'outdoor fires' used in this publication refers to primary and secondary fires in road vehicles, other outdoor property, derelict buildings and derelict vehicles and more minor refuse, grassland and intentional straw/stubble fires.

Non-fatal casualty: Non-fatal casualties consist of persons who were:

- given first aid at the scene of the fire
- sent to hospital to see a doctor for injuries (appeared to be slight or serious)
- advised to see a doctor for a check-up or observation (whether or not they actually did).

People sent to hospital or advised to see a doctor as a precaution, having no obvious injury, are recorded as "precautionary check-ups".

The definition included in the original publication incorrectly implied that non-fatal casualties consisted only of those who required medical treatment beyond the scene of the fire, whereas non-fatal casualties also include those given first aid at the scene only or advised to see a doctor as a precautionary check (whether the casualty does so or not).

Non-Fire and Rescue Service casualty: Refers to fatal or non-fatal casualties involving persons who are not members of the FRS.

Fire and Rescue Service casualties: Refers to fatal or non-fatal casualties involving FRS personnel.

False Alarm: A false alarm is defined as an event in which the FRS believes they are called to a reportable fire and then there is no such incident. False alarms are categorised as:

- **Malicious** – the call was made with the intention of getting the fire and rescue service to attend a non-existent fire-related incident. This includes a 'deliberate' and 'suspected malicious' intentions.
- **Good Intent** – the call was made in good faith in the belief that the FRS really would attend a fire.
- **Due to Apparatus** – the call was initiated by fire alarm and fire fighting equipment operating (including accidental initiation of alarm apparatus by a person).

6.10 Symbols

6.10.1 Symbols used in the tables are:

- Nil or less than half the final digit shown
- ^p Provisional
- ^r Revised
- * Trend data not comparable to current information

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Further information about Official and National Statistics can be found on the UK Statistics Authority website at www.statisticsauthority.gov.uk

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