# Fire Facts

## Fires in Greater London

2021

LONDON FIRE BRIGADE

## About this publication

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## Other publications in this series

The London Fire Brigade has other publications in the Fire Facts series:

*Fires incident response times* – *here*

*Fire deaths in London* - *here*

## Other data available

The LFB publishes a range of data on the London Datastore. Much of these data are updated on a monthly basis. Go to the LFB page on the datastore to see what is available – https://data.london.gov.uk/publisher/lfb

We publish information about the incidents we attend and the attendance times for the first and second fire engines to arrive via our online mapping tool. This tool displays information at borough and ward level and is updated monthly. To use this tool visit https://lfbincidentmapping.london-fire.gov.uk/

# Contents

# Introduction

This *Fire Facts* report sets out the key information on the fires we attend. We have a continuous record of the number of all fires since 1966 after the creation of the Greater London area. More detailed records on the numbers and types of fire start in 2000 when electronic recording systems were introduced by LFB.

## A brief history of the London Fire Brigade

The roots of a single fire service responsible for London start in 1833 when, under the leadership of James Braidwood, the LONDON FIRE ENGINE ESTABLISHMENT was formed. The London Fire Engine Establishment was a private enterprise, funded by the insurance companies and as such was responsible mainly for saving material goods from fire.

In June 1861, a huge conflagration at Cotton's Wharf, a riverside warehouse in Tooley Street, Southwark, claimed the life of James Braidwood, and resulted in insurance claims for more than £2 million (£1.6bn at today's value). The subsequent increase in insurance premiums caused many of the merchants of the City to protest to the Lord Mayor. A Select Committee of the House of Commons was appointed 'to enquire into the existing state of legislation and of any existing arrangements for the protection of life and property against fire in the Metropolis'.

In 1865, the Metropolitan Fire Brigade Act was passed, placing responsibility for the fire service in the metropolis upon the Board of Works. The London Fire Establishment continued to function until 1 January 1866, on which date the new METROPOLITAN FIRE BRIGADE formally came into existence. Captain Sir Eyre Massey Shaw, who had been appointed as the Superintendent of the London Fire Establishment after Braidwood's death, remained in charge of the newly formed brigade.

On 21 March 1889, by virtue of the Local Government Act 1888, the Metropolis, including the City, was converted into the Administrative County of London; the Metropolitan Board of Works went out of existence and its functions taken over by the London County Council (LCC). In 1904, the London County Council changed the name of the service from the Metropolitan Fire Brigade to the LONDON FIRE BRIGADE.

In March 1938, ahead of the start of the Second World War, recruitment started in London for an Auxiliary Fire Service. Heavy air raids during the Blitz (1940/1941) had shown that regional firefighting resources were insufficient and the Government decided to unify the services. On 18 August 1941 the NATIONAL FIRE SERVICE (NFS) came into being.

The NFS continued to provide a service in peacetime after the war until 1 April 1948 when the Fire Service Act 1947 placed responsibility for fire brigades on county and 'county borough' councils. At this time the London Fire Brigade was once more under of the London County Council.

The local government of London changed again in 1965 when the Greater London area was formally defined and created by the London Government Act 1963, which came into force on 1 April 1965. This new area replaced the former administrative counties of Middlesex and London (the LCC), adding the City of London and absorbing parts of Kent, Surrey, Essex, a small part of Hertfordshire and the county boroughs of Croydon, East Ham and West Ham. This new area was governed by the newly formed GREATER LONDON COUNCIL (GLC). The GLC took over running the London Fire Brigade in 1965 which was expanded with the fire stations, fire appliances and fire staff from the areas absorbed into Greater London from surrounding counties, including most of the former county of Middlesex, and parts of Essex, Kent, Surrey, and a small part of Hertfordshire.

In 1986 the Greater London Council was abolished and the Local Government Act 1985 transferred the functions of fire service and civil defence to a newly formed LONDON FIRE AND CIVIL DEFENCE AUTHORITY (LFCDA) which took over on the 1 April 1986.

On 7 May 1998 Londoners voted in a referendum asking whether there was support for Greater London Authority, made up of an elected mayor and a separately elected assembly. Londoners voted 72 per cent in favour and the new governance structure was set out in the Greater London Authority Act 1999. On the 3 July 2000 the LFCDA was reconstituted as the LONDON FIRE AND EMERGENCY PLANNING AUTHORITY.

From 1 April 2018 under the Policy and Crime Act 2017 LFEPA was abolished and the LONDON FIRE COMMISSIONER (LFC) was established as a corporation sole, reporting to the Mayor of London, as the fire and rescue authority for London. The London Fire Brigade (LFB) is the fire and rescue service for the Greater London area and is run by the LFC.

The Mayor has appointed a Deputy Mayor for fire and resilience. The London Assembly provides scrutiny of the new arrangements via a Fire, Resilience and Emergency Planning Committee.

The Brigade sets out how its prevention, protection and response activities will best be used to mitigate the impact of risk on communities in its Integrated Risk Management Plan (IRMP). The Brigade's IRMP is known as the London Safety Plan; the most recent of which was the London Safety Plan 2017 agreed in March 2017. LSP2017 runs for four years from April 2017 to March 2021.

## Scope of this document

In this report we focus on those incidents that happen within the boundaries of Greater London.

## Recording fire incidents

In 1966, fires were recorded using Fire Report forms K433 and K433H. Fire Report form K433 was introduced by the Home Office and Scottish Home Department in 1953 for recording every fire with the exception of chimney fires confined to (did not spread beyond) chimneys.

To simplify the information recording of smaller, less serious fires, a second form K433H was introduced in 1960 which captured a reduced set of information for fires that were confined to grassland, heathland, or railway embankments. In 1970, K433H was revised and its use extended to cover a larger group of minor fires.

January 1978 saw the introduction of a new recording method; the Fire Damage Report – FDR1. FDR1 was revised in 1994.

Fire recording changed again in 2008 when the government introduced a national Incident Recording System (IRS) which was the first fully electronic fire recording system (prior to which records were submitted to government on paper and the national statistics from these based on sampling).

## LFB electronic data collection

LFB started collecting incident data electronically in April 1999 via its Incident Recording Information System (IRIS). This included fire incidents although not FDR1 data. FDR1 data was captured electronically from 1 January 2005. LFB began supplying data to the new national IRS on 3 November 2008 via its Incident Management System (IMS), which replaced the IRIS.

## Categories of fires

A reportable fire is '*an event of uncontrolled burning involving flames, heat or smoke which was attended by a fire and rescue authority, or which was a late fire call*'.

The categories for fire have remained unchanged since the introduction of the FDR1. Fires are categorised as either Primary, Secondary, Chimney or Late Call.

**Primary fires** are more serious fires that harm people or cause damage to property. More information is collected about primary fires than other types of fire. In the changes to the FDR1 in 1994 the definition for primary fires was broadened to include a small number of fires where there was no fire damage but there was damage from heat and smoke.

Primary fires have one or more of the following characteristics:

(a) all fires in buildings and vehicles that are not derelict or in outdoor structures,

(b) any fires involving casualties or rescues,
(c) any fire attended by five or more appliances.

A **late call** is when a fire and rescue authority is called to a fire when it is known, prior to the call, that the fire has already been extinguished. In this report, Late calls are included in the totals for primary fires. There are typically less than 20 late calls per year.

**Secondary fires** are less serious fires and less information is recorded about these fires. Secondary fires are the majority of outdoor fires including grassland and rubbish fires; unless they involve casualties or rescues, property loss or unless five or more appliances attend. Fires in derelict buildings are recorded as secondary fires.

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

Where fire crews record the motive for a fire they are categorised as follows:

(a) Accidental fires, including those where the cause was not known or unspecified.
(b) Deliberate fires, include those where deliberate ignition is merely suspected.

## Symbols and conventions used

### Inner and outer London

Where we have made reference to inner and outer London we are using the classification used by the Office of National Statistics (ONS).

Based on the classification used by ONS, there are 14 inner London Boroughs and 19 outer London boroughs, as follows:

**Inner London boroughs:** Camden, City of London, Hackney, Hammersmith and Fulham, Haringey, Islington, Kensington and Chelsea, Lambeth, Lewisham, Newham, Southwark, Tower Hamlets, Wandsworth and Westminster.

**Outer London boroughs:** Barking and Dagenham, Barnet, Bexley, Brent, Bromley, Croydon, Ealing, Enfield, Greenwich, Harrow, Havering, Hillingdon, Hounslow, Kingston upon Thames, Merton, Redbridge, Richmond upon Thames, Sutton and Waltham Forest.


### Symbols

The following symbols have been used throughout:

.. = not available or not applicable .

– = nil.

### Data tables

Some tables in this publication have been truncated in the number of years presented so that the tables remain readable. The full tables with all years data is available to download from the London Datastore at data.london.gov.uk.

# Chapter 1 | Long term trends

This chapter looks at the long term time-series data for fires attended by the London Fire Brigade in Greater London since 1966. The only year since 1966 when data for 'all fires' isn't available is 1977 when, due to the fire service national strike that year, data was only available up until October.

## Fires in Greater London

(Table 1.1)
In 1966 the total number of fires was 30,436. The number of fires each year remained above 30,000 until 2008 when, for the first time, the number of fires fell below 1966 levels to 29,653.

For most of the 36 years between 1969 and 2005, the total number of fires has fluctuated between 40,000 and 50,000 fires a year. Those years where the number of fires were at their highest coincide with the years with notably hot summers with continuous dry periods which cause many more grass fires. All of the UK's 10 warmest years on record have happened since 2002.

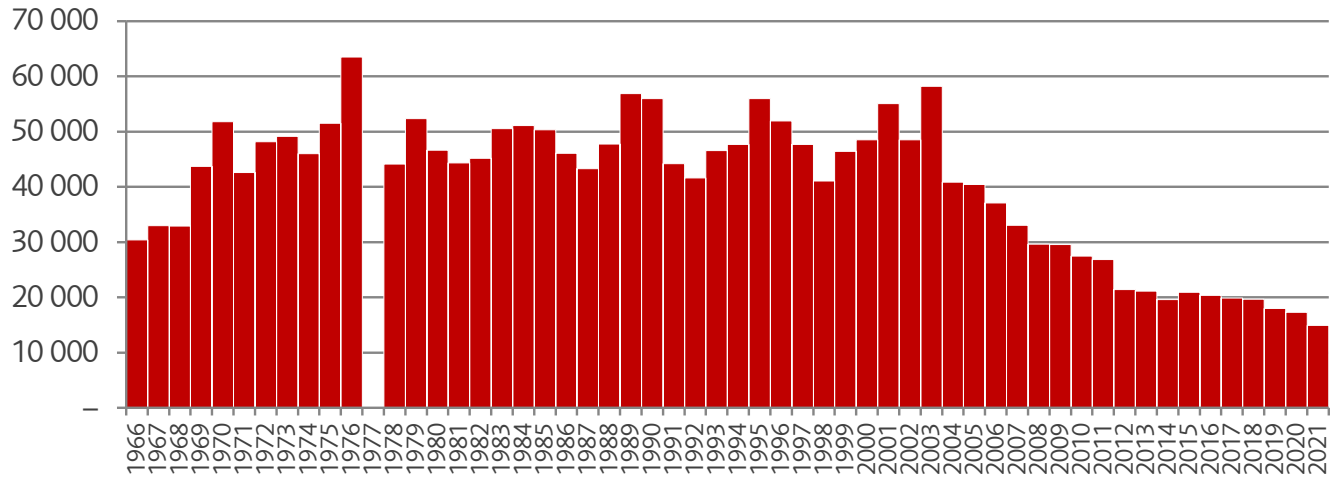
**Chart 1: Total number of fires in Greater London, since1966**

The years with the highest numbers of fires have been:

- 1976 – 63,524 fires
- 2003 – 58,233 fires
- 1989 – 56,893 fires
- 1995 – 55,962 fires
- 2001 – 55,063 fires

The longest period showing a continuing trend is the years from 2003 – over which time the number of fires each year have consistently fallen. In recent years, the LFB have attended approximately 20,000 fires a year.

The reduction in fires since 2001 is linked to the introduction of the first Community Safety Strategy which the LFEPA approved in September 2000[1]. This strategy changed the focus of the London Fire Brigade from being a mainly reactive emergency response service to a proactive service with fire prevention at the core of its activities.

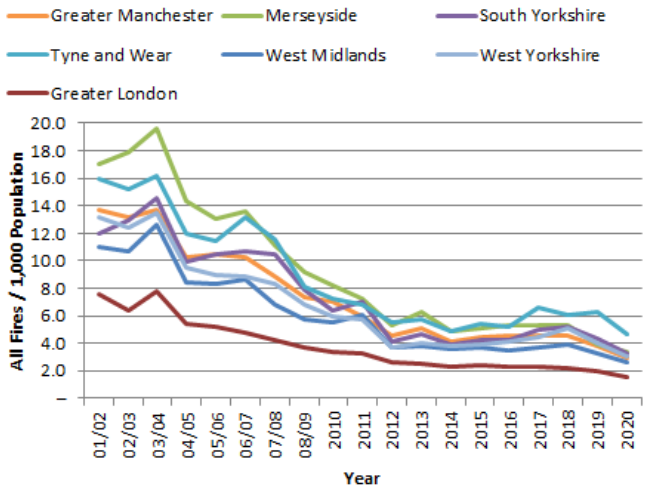



[1] Community Fire Safety Strategy; LFEPA report FEP9, 14 September 2000

## Rate of fires per 1,000 resident population

The Home Office collect data about all fire services[2] which they publish in fiscal years. From April 2001 to March 2019, Greater London has maintained the lowest rate of all fires per 1,000 population, when compared to the other metropolitan fire and rescue authorities [Chart 2]. In the financial year 2019/20 the rate for London was at its lowest at 2.0 fires for every 1,000 people.

**Chart 2: Rate of all fires per 1,000 resident population by England's Metropolitan Fire and Rescue Authorities, from April 2001 to 2020**

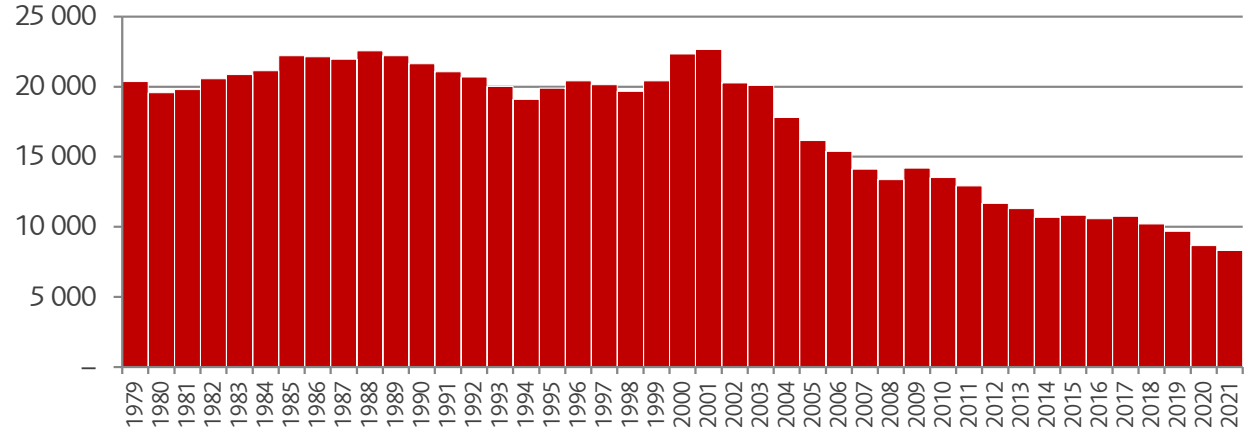



## Primary fires

Between 1979 and 2003 the number of primary fires fluctuated between 19,000 and 23,000 fires per year. The most primary fires happened in 2001 (22,655). Overall, there has been a general reduction in primary fires since 2010. However, on average, primary fires since then have reduced, by around 850 fires per year up until 2014. In recent years the number has remained at around 10,000 a year – half the number that happened during the 1980s and 1990s. [Chart 3]

[2] https://www.gov.uk/government/collections/fire-statistics

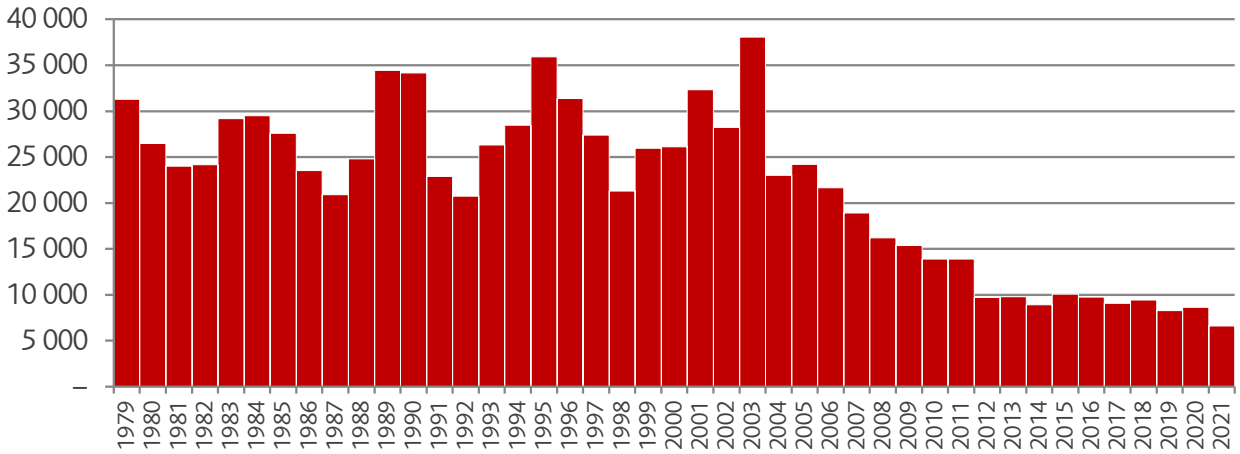
**Chart 3: Number of primary fires, since 1979**




## Secondary fires

Periods of high numbers of secondary fires coincide with dry and hot summers. This is due to an increase in grass fires that happen more frequently in dry and hot periods. The high number of secondary fires in 1995 and 2003 also coincide with heat waves in those years. Secondary fires now are significantly lower than they were a decade before. See chapter 2 for further information on secondary fires. [Chart 4]

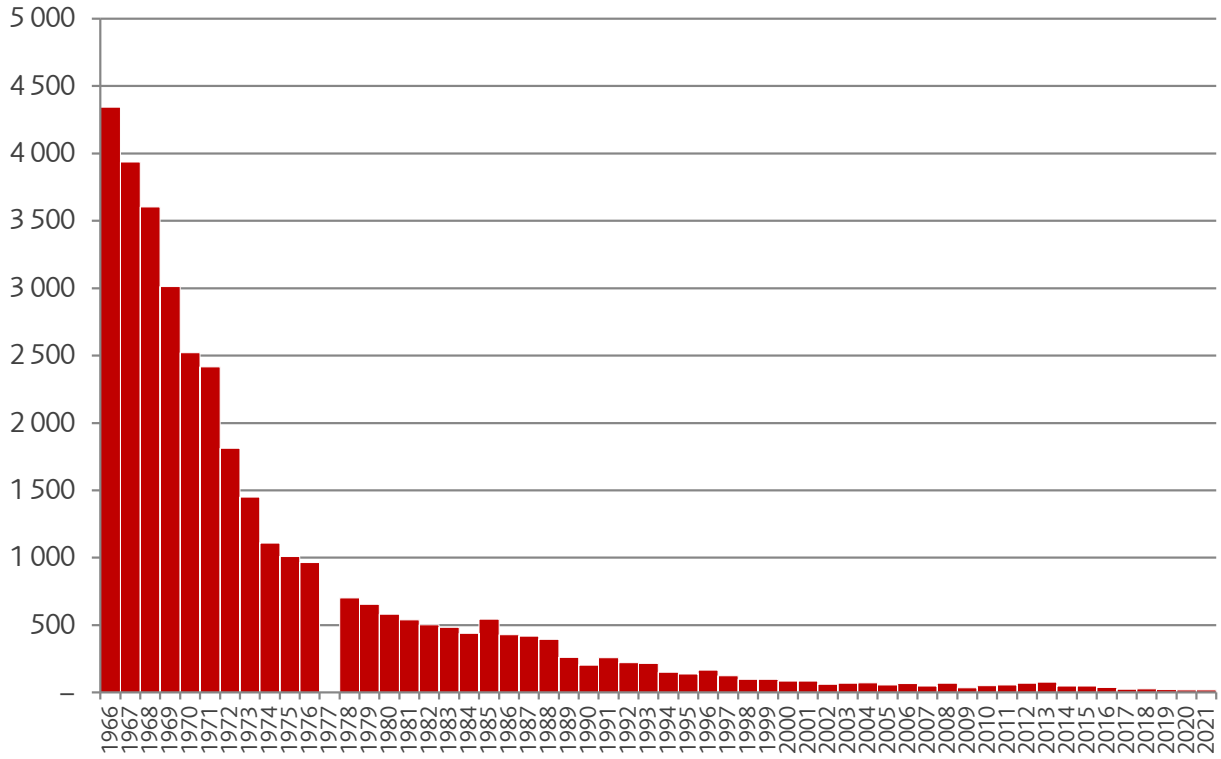
**Chart 4: Number of secondary fires, since 1979**



## Chimney fires

In the 1950s and 1960s, open fires were a common means of household heating. However, the air pollution from coal and wood fuels caused smog – most notably the 'Great London Smog' in December 1952. The government introduced its first Clean Air Act in 1956 to control domestic smoke pollution by introducing smokeless zones, where smokeless fuels had to be burnt. This also encouraged many households to change to gas or electric heating systems, which resulted in a dramatic decrease in chimney fires.

**Chart 5: Number of chimney fires, since 1966**

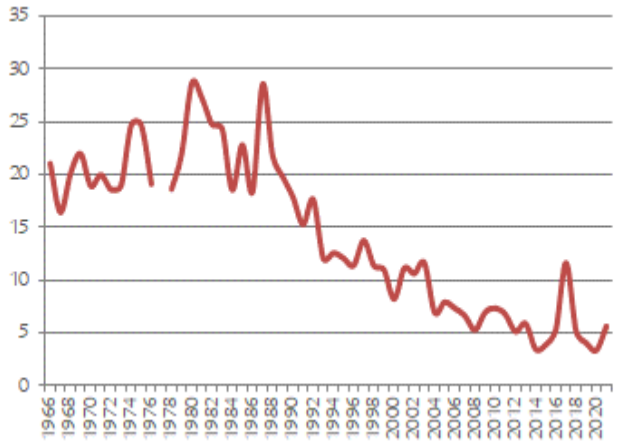


## Fire related deaths

(Table 1.3)
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 in the Brigade's and government published statistics. There are also occasional cases where a Coroner may rule that the fire was not the cause of death. As a Coroner's inquest will not have been held for all fire fatalities in the latest year reported here, the number of fatalities is subject to revision.

The number of fire deaths in London have been falling steadily since the late 1980s. Numbers increased in 2017 because of the multiple deaths from the Grenfell Tower fire. In 2021, there was an increase from 2020 by 40 per cent.

**Chart 6: Fire related fatalities per million resident population, since 1966**




The factors that influence the chances of a person being involved in a fire becoming a fire fatality are complex. The main contributors include:

- how early the fire is discovered
- how quickly the brigade are called
- the materials (and/or their volume) involved in the fire
- the size and construction of the room/building
- the proximity of the victim to the fire
- the alertness and mobility of the victim and whether the person is alone
- the arrival time and response of the brigade

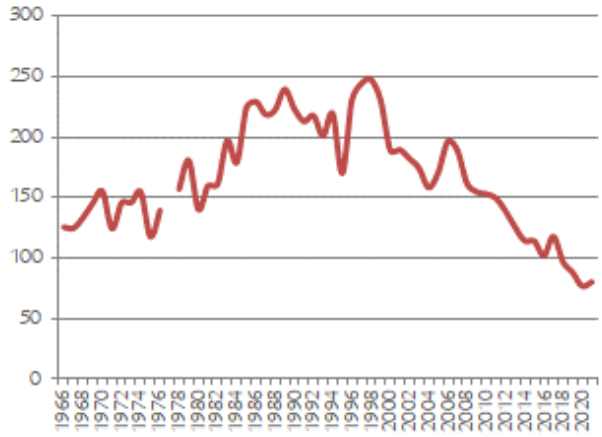
As well as work on fire prevention and an increase in smoke alarm ownership, legislative change has also contributed to the reduction in fire deaths. Most notably the Furniture and Furnishings (Fire Safety) Regulations 1988 which improved the fire retardants of home furniture and reduced the amount of fatally toxic smoke when ignited.

LFB publish a separate Fire Facts document *Fatal fires in London* which can be found on the London Datastore here.

## Fire related injuries

Between 1985 and 1999 the rate of fire injury per million resident population remained above 200 a year (with one exception in 1995). Since 2000 the rate of fire injury has been falling. Numbers of non-fatal casualties increased in 2017 partly because of those injured at the Grenfell Tower fire. In 2021, there was a slight increase from 2020 by 3 per cent.

**Chart 7: Fire related injuries per million resident population, since 1966**



## Table 1.1 Time series; total number of fires in Greater London, since 1966

*number*

| | | Primary fires | Secondary fires | Chimney fires | *Not categorised (a)* | Total |
|---|---|---|---|---|---|---|
| 1966 | | 14 825 | 11 268 | 4 343 | | 30 436 |
| 1967 | | 15 059 | 13 961 | 3 936 | | 32 956 |
| 1968 | | 13 550 | 15 770 | 3 602 | | 32 922 |
| 1969 | | 14 076 | 25 536 | 3 013 | *1 108* | 43 733 |
| **1970** | | **15 306** | **33 505** | **2 521** | ***503*** | **51 835** |
| 1971 | | 14 975 | 24 356 | 2 417 | *845* | 42 593 |
| 1972 | | 15 963 | 30 364 | 1 813 | *19* | 48 159 |
| 1973 | | 16 132 | 30 282 | 1 451 | *1 277* | 49 142 |
| 1974 | | 15 397 | 28 800 | 1 108 | *742* | 46 047 |
| 1975 | | 11 679 | 19 961 | 1 008 | *18 891* | 51 539 |
| 1976 | | 14 387 | 32 261 | 964 | *15 912* | 63 524 |
| 1977 | (b) | .. | .. | .. | .. | .. |
| 1978 | (c) | .. | .. | 703 | *43 433* | 44 136 |
| 1979 | | 20 370 | 31 306 | 655 | | 52 331 |
| **1980** | | **19 571** | **26 493** | **581** | | **46 645** |
| 1981 | | 19 790 | 24 003 | 538 | | 44 331 |
| 1982 | | 20 551 | 24 162 | 502 | | 45 215 |
| 1983 | | 20 869 | 29 196 | 484 | | 50 549 |
| 1984 | | 21 133 | 29 504 | 439 | | 51 076 |
| 1985 | | 22 202 | 27 580 | 544 | | 50 326 |
| 1986 | | 22 119 | 23 521 | 430 | | 46 070 |
| 1987 | | 21 963 | 20 886 | 419 | | 43 268 |
| 1988 | | 22 550 | 24 789 | 394 | | 47 733 |
| 1989 | | 22 199 | 34 433 | 261 | | 56 893 |
| **1990** | | **21 635** | **34 155** | **204** | | **55 994** |
| 1991 | | 21 050 | 22 877 | 257 | | 44 184 |
| 1992 | | 20 684 | 20 732 | 222 | | 41 638 |
| 1993 | | 20 025 | 26 303 | 215 | | 46 543 |
| 1994 | | 19 080 | 28 463 | 150 | | 47 693 |
| 1995 | | 19 892 | 35 932 | 138 | | 55 962 |
| 1996 | | 20 414 | 31 380 | 165 | | 51 959 |
| 1997 | | 20 148 | 27 406 | 124 | | 47 678 |
| 1998 | | 19 677 | 21 295 | 99 | | 41 071 |
| 1999 | | 20 411 | 25 947 | 97 | | 46 455 |

(a) During industrial disputes over many periods between 1969 and 1976 no details were recorded of the circumstances in which fire started

(b) Data is only available until 31 October 1977 (36, 151 fires and 700 chimney fires) due to a fire service national strike

(c) There is no data available on the split between primary and secondary fires for 1978

## Table 1.1 Time series; total number of fires in Greater London, since 1966 (continued)

| | | | | |
|---|---|---|---|---|
| **2000** | **22 334** | **26 135** | **85** | **48 554** |
| 2001 | 22 655 | 32 322 | 86 | 55 063 |
| 2002 | 20 271 | 28 213 | 60 | 48 544 |
| 2003 | 20 081 | 38 084 | 68 | 58 233 |
| 2004 | 17 788 | 23 023 | 72 | 40 883 |
| 2005 | 16 167 | 24 218 | 56 | 40 441 |
| 2006 | 15 373 | 21 674 | 66 | 37 113 |
| 2007 | 14 115 | 18 920 | 49 | 33 084 |
| 2008 | 13 372 | 16 211 | 70 | 29 653 |
| 2009 | 14 178 | 15 379 | 34 | 29 591 |
| **2010** | **13 522** | **13 895** | **50** | **27 467** |
| 2011 | 12 911 | 13 880 | 56 | 26 847 |
| 2012 | 11 678 | 9 697 | 68 | 21 443 |
| 2013 | 11 289 | 9 791 | 78 | 21 158 |
| 2014 | 10 676 | 8 898 | 48 | 19 622 |
| 2015 | 10 820 | 10 054 | 49 | 20 923 |
| 2016 | 10 588 | 9 766 | 37 | 20 391 |
| 2017 | 10 756 | 9 082 | 25 | 19 863 |
| 2018 | 10 214 | 9 433 | 28 | 19 675 |
| 2019 | 9 678 | 8 293 | 22 | 17 993 |
| 2020 | 8 761 | 8 630 | 20 | 17 411 |
| 2021 | 8 312 | 6 598 | 19 | 14 929 |

(a) During industrial disputes over many periods between 1969 and 1976 no details were recorded of the circumstances in which fire started

(b) Data is only available until 31 October 1977 (36, 151 fires and 700 chimney fires) due to a fire service national strike

(c) There is no data available on the split between primary and secondary fires for 1978

## Table 1.2 All fires per 1,000 resident population

*rate*

| | 01/02 | 02/03 | 03/04 | 04/05 | 05/06 | 06/07 | 07/08 | 08/09 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Greater London | 7.6 | 6.3 | 7.7 | 5.4 | 5.2 | 4.8 | 4.3 | 3.8 | 3.4 | 3.3 | 2.6 | 2.5 | 2.3 | 2.4 | 2.3 | 2.3 | 2.2 | 2.0 | 1.6 |
| Greater Manchester | 13.7 | 13.2 | 13.7 | 10.2 | 10.5 | 10.2 | 8.9 | 7.3 | 7.0 | 6.0 | 4.6 | 5.1 | 4.2 | 4.4 | 4.5 | 4.6 | 4.5 | 3.8 | 2.9 |
| Merseyside | 17.1 | 17.9 | 19.6 | 14.3 | 13.1 | 13.6 | 11.2 | 9.2 | 8.2 | 7.3 | 5.3 | 6.3 | 4.9 | 5.1 | 5.3 | 5.3 | 5.3 | 4.0 | 3.3 |
| South Yorkshire | 12.0 | 12.9 | 14.6 | 10.0 | 10.5 | 10.7 | 10.5 | 7.9 | 6.4 | 7.0 | 4.1 | 4.7 | 3.9 | 4.2 | 4.2 | 4.9 | 5.3 | 4.4 | 3.3 |
| Tyne and Wear | 16.0 | 15.3 | 16.2 | 12.0 | 11.4 | 13.2 | 11.5 | 8.1 | 7.2 | 6.9 | 5.5 | 5.7 | 4.8 | 5.4 | 5.2 | 6.6 | 6.1 | 6.2 | 4.7 |
| West Midlands | 11.0 | 10.7 | 12.7 | 8.4 | 8.3 | 8.6 | 6.8 | 5.8 | 5.6 | 6.0 | 3.7 | 3.8 | 3.6 | 3.7 | 3.5 | 3.7 | 3.9 | 3.3 | 2.7 |
| West Yorkshire | 13.2 | 12.4 | 13.4 | 9.6 | 9.0 | 8.8 | 8.3 | 6.8 | 5.9 | 5.7 | 3.7 | 4.0 | 3.8 | 3.9 | 4.1 | 4.5 | 5.1 | 4.0 | 3.0 |

Population estimates are provided by calendar year. Before April 2009 the financial quarter was not specified with the national fire data, therefore the population size for those years is based on the first part of the financial year.

## Table 1.3 Time series; fire related fatalities and injuries, since 1966

| *number* | | | *number* | *rate* | |
|---|---|---|---|---|---|
| | Fatalities | Injuries | Population estimates | Fatality rate per million pop | Injury rate per million pop |
| 1966 | 164 | 978 | 7 810 000 | 21.0 | 125.2 |
| 1967 | 127 | 966 | 7 761 000 | 16.4 | 124.5 |
| 1968 | 154 | 1 026 | 7 693 000 | 20.0 | 133.4 |
| 1969 | 167 | 1 106 | 7 619 000 | 21.9 | 145.2 |
| **1970** | **142** | **1 168** | **7 530 000** | **18.9** | **155.1** |
| 1971 | 150 | 933 | 7 529 400 | 19.9 | 123.9 |
| 1972 | 138 | 1 083 | 7 442 800 | 18.5 | 145.5 |
| 1973 | 139 | 1 072 | 7 362 400 | 18.9 | 145.6 |
| 1974 | 179 | 1 121 | 7 263 600 | 24.6 | 154.3 |
| 1975 | 177 | 842 | 7 179 000 | 24.7 | 117.3 |
| 1976 | 135 | 986 | 7 089 100 | 19.0 | 139.1 |
| 1977 | .. | .. | 7 012 000 | | |
| 1978 | 129 | 1 091 | 6 946 800 | 18.6 | 157.1 |
| 1979 | 151 | 1 246 | 6 887 600 | 21.9 | 180.9 |
| **1980** | **196** | **958** | **6 850 600** | **28.6** | **139.8** |
| 1981 | 185 | 1 087 | 6 805 600 | 27.2 | 159.7 |
| 1982 | 167 | 1 089 | 6 765 100 | 24.7 | 161.0 |
| 1983 | 164 | 1 333 | 6 753 000 | 24.3 | 197.4 |
| 1984 | 125 | 1 210 | 6 754 700 | 18.5 | 179.1 |
| 1985 | 154 | 1 521 | 6 767 000 | 22.8 | 224.8 |
| 1986 | 124 | 1 557 | 6 774 200 | 18.3 | 229.8 |
| 1987 | 193 | 1 482 | 6 765 600 | 28.5 | 219.0 |
| 1988 | 146 | 1 501 | 6 729 300 | 21.7 | 223.1 |
| 1989 | 133 | 1 621 | 6 751 600 | 19.7 | 240.1 |
| **1990** | **121** | **1 521** | **6 798 800** | **17.8** | **223.7** |
| 1991 | 104 | 1 457 | 6 829 300 | 15.2 | 213.3 |
| 1992 | 120 | 1 489 | 6 829 400 | 17.6 | 218.0 |
| 1993 | 82 | 1 378 | 6 844 500 | 12.0 | 201.3 |
| 1994 | 86 | 1 511 | 6 873 500 | 12.5 | 219.8 |
| 1995 | 83 | 1 177 | 6 913 100 | 12.0 | 170.3 |
| 1996 | 79 | 1 611 | 6 974 400 | 11.3 | 231.0 |
| 1997 | 96 | 1 718 | 7 014 800 | 13.7 | 244.9 |
| 1998 | 80 | 1 753 | 7 065 500 | 11.3 | 248.1 |
| 1999 | 78 | 1 651 | 7 153 900 | 10.9 | 230.8 |

Source: Population figures ONS mid-year estimates

## Table 1.3 Time series; fire related fatalities and injuries, since 1966 (continued)

| | | | | | |
|---|---|---|---|---|---|
| **2000** | **59** | **1 369** | **7 236 700** | **8.2** | **189.2** |
| 2001 | 81 | 1 392 | 7 336 909 | 11.0 | 189.7 |
| 2002 | 78 | 1 346 | 7 381 870 | 10.6 | 182.3 |
| 2003 | 86 | 1 298 | 7 448 221 | 11.5 | 174.3 |
| 2004 | 52 | 1 193 | 7 542 613 | 6.9 | 158.2 |
| 2005 | 60 | 1 306 | 7 642 969 | 7.9 | 170.9 |
| 2006 | 56 | 1 515 | 7 701 603 | 7.3 | 196.7 |
| 2007 | 51 | 1 469 | 7 773 547 | 6.6 | 189.0 |
| 2008 | 41 | 1 271 | 7 869 882 | 5.2 | 161.5 |
| 2009 | 55 | 1 236 | 7 991 239 | 6.9 | 154.7 |
| **2010** | **59** | **1 239** | **8 107 073** | **7.3** | **152.8** |
| 2011 | 55 | 1 227 | 8 217 475 | 6.7 | 149.3 |
| 2012 | 42 | 1 153 | 8 308 369 | 5.1 | 138.8 |
| 2013 | 49 | 1 054 | 8 416 535 | 5.8 | 125.2 |
| 2014 | 29 | 972 | 8 539 400 | 3.4 | 113.8 |
| 2015 | 33 | 984 | 8 666 900 | 3.8 | 113.5 |
| 2016 | 46 | 889 | 8 769 700 | 5.2 | 101.4 |
| 2017 | 102 | 1 036 | 8 825 000 | 11.6 | 117.4 |
| 2018 | 45 | 858 | 8 908 100 | 5.1 | 96.3 |
| 2019 | 36 | 791 | 9 049 498 | 4.0 | 87.4 |
| 2020 | 30 | 694 | 9 127 567 | 3.3 | 76.0 |
| 2021 | 50 | 715 | 9 002 488 | 5.6 | 79.4 |

Source: Population figures GLA mid-year estimates

# Chapter 2 | Where fires happen

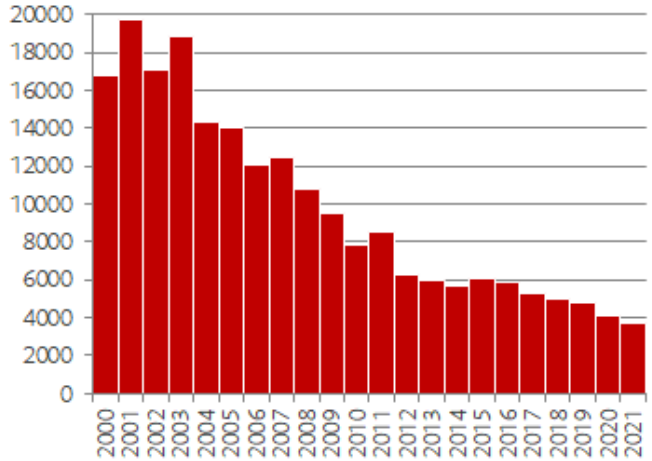
This chapter looks at the property types where fires occur, the reason for fire and the number of fires in each London borough. This chapter looks at the data since 2000 where more detailed electronic records are available.

## Property types

(Table 2.1)
For many years, fires involving rubbish and waste were the largest group of fires. In 2001, the highest year for rubbish fires in recent decades, the number was 19,741 (36 per cent). In comparison, fires in dwellings in 2001 accounted for 16 per cent of fires and fires involving transport and derelict vehicles accounted for 25 per cent of fires.

Rubbish fires, and those involving transport and derelict vehicles, have seen a dramatic decline since 2003. [Chart 8]

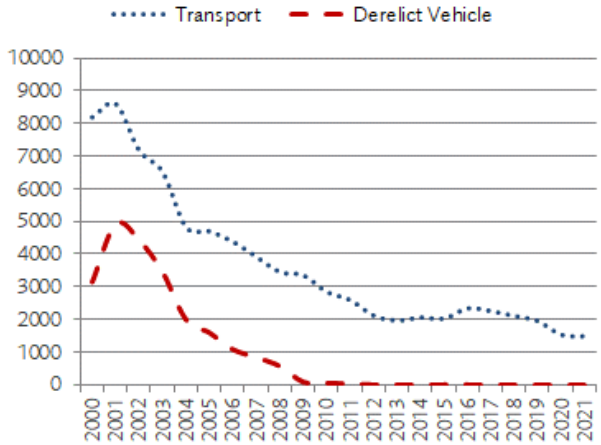
**Chart 8: Fires involving rubbish, since 2000**




We attribute the reduction in rubbish fires to our work on arson prevention, work by local authorities to remove rubbish and to stop fly tipping and an increase in social responsibility towards recycling and waste disposal.

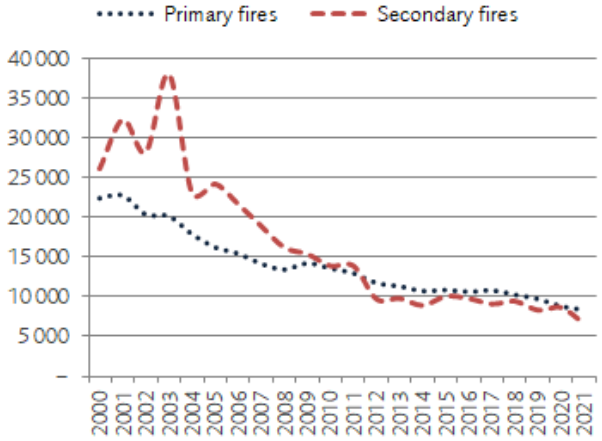
Fires in transport and derelict vehicles have reduced since 2001.[Chart 9] The number of fires in derelict vehicles has been linked to the prices for scrap metal; when scrap metal prices are very low and old cars have little or no residual value, derelict car fires are higher.

**Chart 9: Total number of fires involving transport and derelict vehicles, since 2000**




The reductions in rubbish and vehicle fires has led to a change in the distribution between primary and secondary fires. In most years the number of secondary fires is higher than the number of primary fires (by as much as 53 per cent). In 2012, this trend reversed with the number of primary fires exceeding the number of secondary fires. This reversal has only happened once before, in 1987. [Chart 10]

**Chart 10: Number of primary and secondary fires, since 2000**



### Fires in buildings

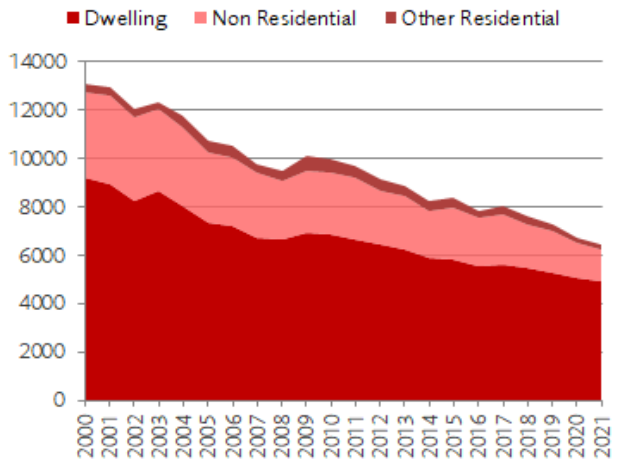
Primary fires in buildings are categorised as either dwellings, other residential or non-residential:

- **Dwellings** include all types of private residences and homes. It covers houses, flats, houses in multiple occupation (HMOs) and self-contained sheltered housing.
- **Other residential** covers places of communal living and where people receive care, like residential care homes. It also includes short term accommodation residential accommodation like student halls, hostels and hotels.
- **Non-residential** includes all types of commercial building as well as private outdoor structures and outhouses.

Where a building has one or more uses, we record the property type for the area where the fire started; for example where a fire occurs in a shop with a flat above, we would record a fire in a shop.

Fires in buildings have reduced over the last 20 years. [Chart 11]

**Chart 11: Primary fires in buildings, since 2000**




Primary fires across all building categories have significantly reduced (by 62 per cent overall) since 2000. Fires in dwellings have reduced by 47 per cent, fires in other residential buildings have also seen a reduction over the last 20 years (down 34 per cent). Individual property types are discussed further in chapter 4.

### Fire motive

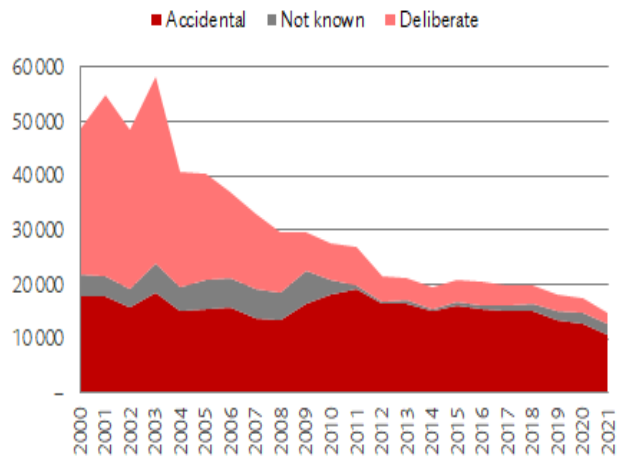
(Table 2.2)
Firefighters record the suspected reason (motive) for the start of a fire. Fires are categorised as: accidental, deliberate or unknown, according to the probable cause, as observed at the scene.

Deliberate fires are those where a fire is suspected to have been started deliberately (but not always with a malicious intent), for example some fires are started by children.

The motive reflects the nature of the '*uncontrolled burning*'. For example, whilst a bonfire will be started deliberately, if it gets out of control and sets light to a nearby shed, the motive will be recorded as accidental; the uncontrolled shed fire was an accidental consequence of the bonfire.

The fall in deliberate fires since 2003 reflects the reduction seen in rubbish and derelict vehicle fires (where the motives for these are often deliberate). [Chart 12]

**Chart 12: Fires by motive, since 2000**




The perceived increase in accidental fires around 2009 is linked to a policy change around the recording of fires of 'unknown' motive. If a fire crew are not sure about the suspected cause of the fire, they will now consult with a fire investigation officer so that a motive can be determined, rather than record the incident as not known. In national fire statistics, the 'not known' motive is grouped with accidental as this is the most likely motive when the cause is unclear (as deliberately started fires are usually more discernible).

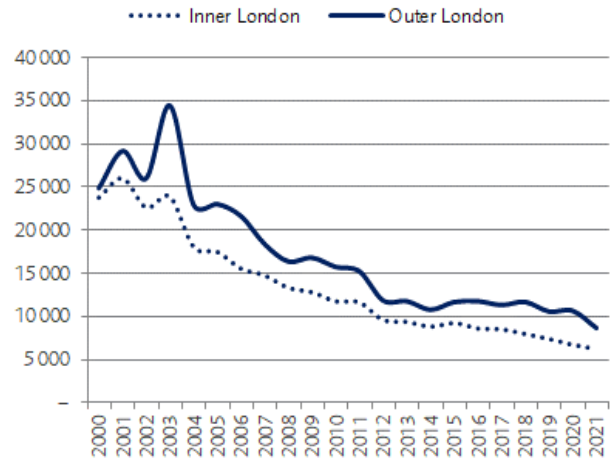
## Fires in the London boroughs

### All fires

(Table 2.3)

The number of all fires have been reducing at a similar rate when comparing inner and outer London. [Chart 13]

**Chart 13: All fires, inner and outer London, since 2000**

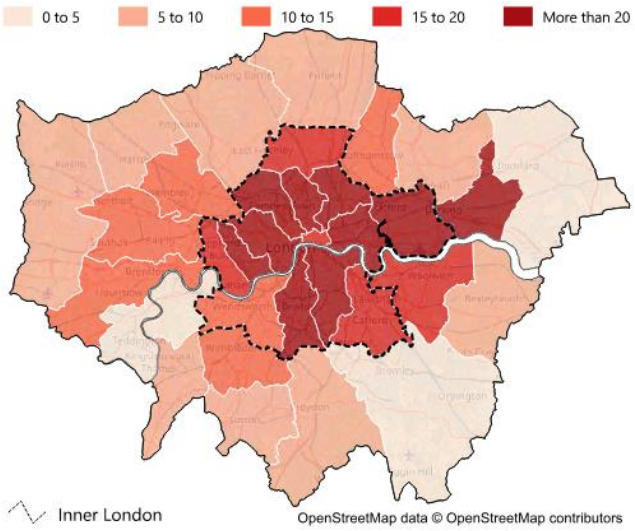



Proportions of primary fires in both inner and outer London boroughs have remained the same on average. Between 2017 to 2021, primary fires in inner London averaged around 44 per cent, while primary fires in outer London boroughs averaged around 56 per cent over the years. Secondary fires appear to have reduced more consistently within inner London in comparison to outer London over the last six years. As a result, the proportion of secondary fires in inner London have reduced.

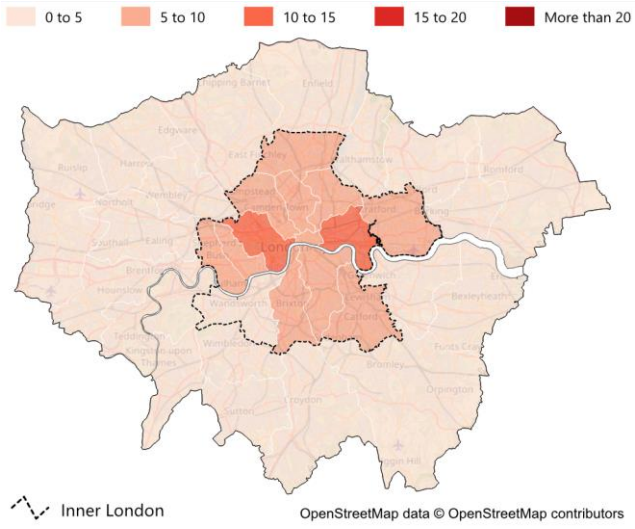
In 2020, secondary fires in Inner London boroughs reduced by five per cent. This is likely to be a result of the lockdown restrictions due to the response to the Coronavirus pandemic within the UK.

Map 1 shows how many fires there were per km² in each borough at the start of the millennium, ten boroughs had over 20 fires per km², nine of which were within inner London. The second map shows that in 2021, 10 boroughs had more than 5 fires per km², all within inner London. Two boroughs (inner London) had more than ten fires per km² and there were no boroughs where more than 15 fires occurred. The majority of boroughs had less than five fires per km² overall.

**Map 1: Fires per km² by borough, in 2000**




**Map 2: Fires per km² by borough, in 2021**




The reduction rates within the boroughs have been different. The boroughs with the greatest numbers of fires – when comparing 2000 with 2021 – are shown in the table below.

**Extract from table 2.3:**
**Number of fires for the top five inner and outer London Boroughs, 2000 and 2021**

**Top 5 inner London boroughs**

| | 2000 | | 2021 |
|---|---|---|---|
| Tower Hamlets | 3211 | Newham | 714 |
| Newham | 3011 | Southwark | 651 |
| Southwark | 2662 | Tower Hamlets | 606 |
| Hackney | 2276 | Westminster | 586 |
| Lambeth | 2178 | Lambeth | 522 |

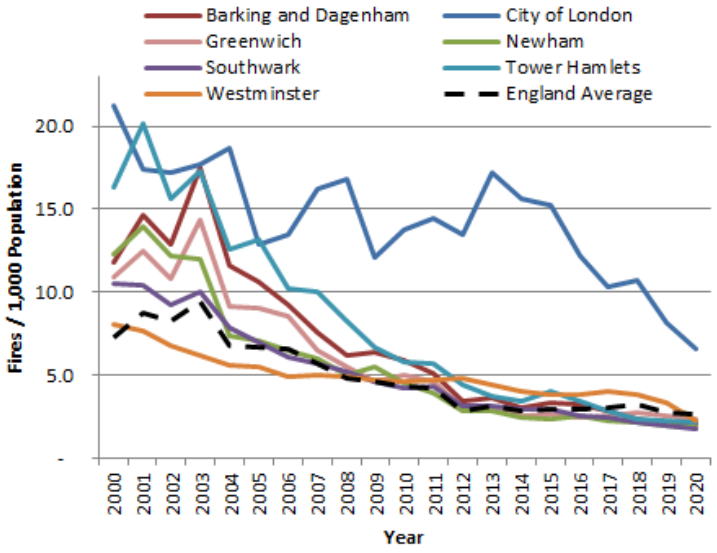
**Top 5 outer London boroughs**

| | 2000 | | 2021 |
|---|---|---|---|
| Greenwich | 2341 | Croydon | 641 |
| Barking and Dagenham | 1936 | Enfield | 631 |
| Bromley | 1747 | Bromley | 590 |
| Hillingdon | 1632 | Greenwich | 590 |
| Croydon | 1623 | Barnet | 576 |

## Rate of fires per 1,000 resident population in London boroughs

When compared to the average rate of fires in England, 21 of the 33 London boroughs have had a lower rate every year from 2000 to 2020. In that period, only seven have been above the English average for ten or more years [chart 14]. The City of London is the only borough which has been consistently above the average rate in those 20 years. This is in part due to the unusual make-up of the City of London which has a very small resident population and is the business centre for the capital.

**Chart 14 : The rate of fires per 1,000 resident population in the London boroughs which have been above the English Average rate for ten or more years**



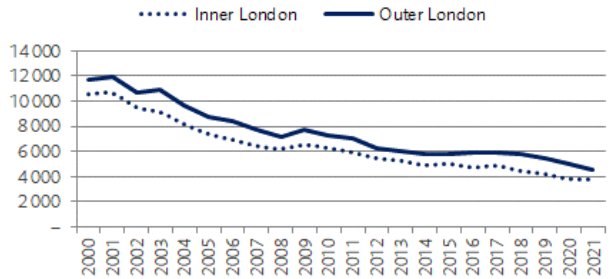

## Primary fires

(Table 2.5)

The change in the number of primary fires in inner and outer London follows a similar pattern to all fires, with similar reductions in both areas and with there being more primary fires in outer London compared to inner London.

Due to the impact of the lockdown restrictions as a safety response to the Coronavirus, there were some slightly noticeable changes to primary fires in 2020 and 2021.

**Chart 15: Primary fires, inner and outer London, since 2000**




The boroughs with the greatest numbers of primary fires – when comparing 2000 with 2021 – are shown in the table below.

**Extract from table 2.6: Number of primary fires for the top five inner and outer London Boroughs, 2000 and 2021.**

**Top 5 inner London boroughs**

| | 2000 | | 2021 |
|---|---|---|---|
| Tower Hamlets | 1257 | Newham | 355 |
| Newham | 987 | Westminster | 345 |
| Southwark | 966 | Southwark | 339 |
| Hackney | 938 | Lewisham | 325 |
| Lambeth | 934 | Lambeth | 324 |

**Top 5 outer London boroughs**

| | 2000 | | 2021 |
|---|---|---|---|
| Greenwich | 893 | Croydon | 373 |
| Barking and Dagenham | 843 | Barnet | 347 |
| Bromley | 817 | Enfield | 325 |
| Hounslow | 817 | Greenwich | 325 |
| Bexley | 795 | Ealing | 289 |

**Extract from table 2.7: Number of secondary fires for the top 5 inner and outer London Boroughs; 2000 and 2021.**

**Top 5 inner London boroughs**

| | 2000 | | 2021 |
|---|---|---|---|
| Tower Hamlets | 2242 | Newham | 355 |
| Newham | 1753 | Southwark | 354 |
| Southwark | 1672 | Tower Hamlets | 298 |
| Hackney | 1366 | Westminster | 275 |
| Lambeth | 1237 | Lambeth | 255 |

**Top 5 outer London boroughs**

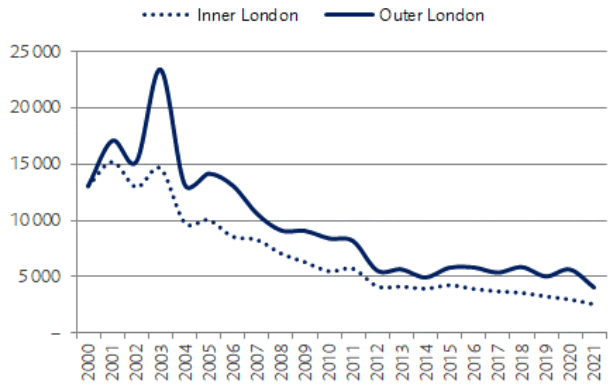
| | 2000 | | 2021 |
|---|---|---|---|
| Greenwich | 1447 | Enfield | 306 |
| Barking and Dagenham | 1219 | Bromley | 303 |
| Bromley | 1000 | Croydon | 267 |
| Hounslow | 869 | Greenwich | 265 |
| Bexley | 847 | Hillingdon | 260 |

## Secondary fires

(Table 2.6)

The change in the number of secondary fires in inner and outer London follows a similar pattern to all fires, with similar reductions in both areas. Outer London makes up around 80 percent of London's area, but has a lower proportion of secondary fires (62 percent for the five years to 2021). [Chart 16]

**Chart 16: Secondary fires, inner and outer London, since 2000**




The boroughs with the greatest numbers of secondary fires – when comparing 2000 with 2021 – are set out in the table below.

## Chimney fires

(Table 2.7)

Chimney fires have steadily declined over the years. From May 2021, the government introduced new legislation restricting the sale of coal, wet wood and manufactured solid fuels for burning in the home. This forms part of a wider initiative to tackle air pollution.

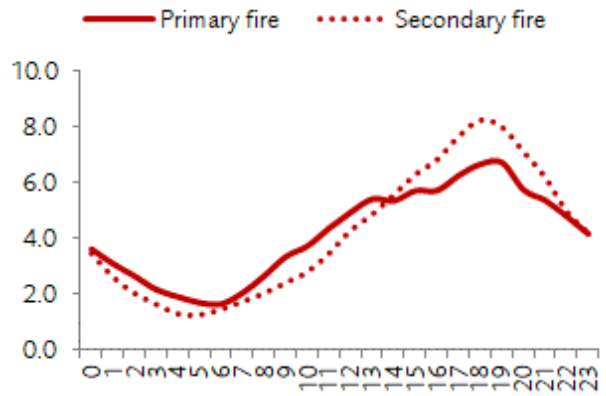
## When fires happen

### Hour of the day

(Table 2.10)

Primary and secondary fires follow a similar daily profile. The lowest period is at 6am and the highest period is at 7pm. [Chart 17]

**Chart 17: Proportion of fires (%) by hour of the day, five years to 2021**



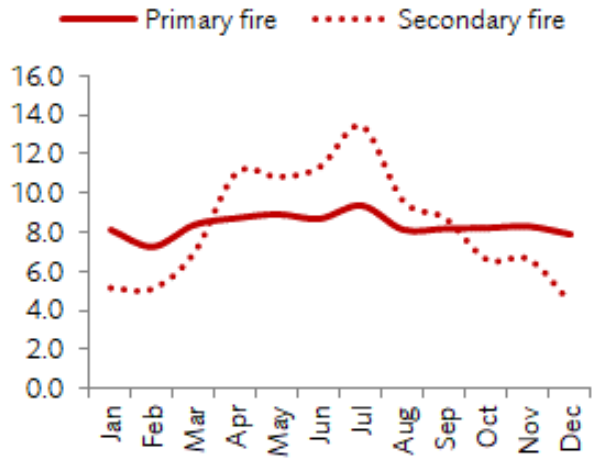

**Month of the year**

(Table 2.11)

Primary fires vary little throughout the year, with slightly more in the spring and summer months compared to autumn and winter.

Contrastingly, there is significant seasonality with secondary fires, mostly due to the increase in outdoor fires (grass and rubbish) in periods of hot and dry weather. [Chart 18]

**Chart 18: Proportion of fires (%) by month of the year, five years to 2021**



## Table 2.1 Fires, by fire and property type categories, since 2000

*number*

| | 2000 | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total fires** | **48554** | **40441** | **27467** | **26 847** | **21 443** | **21 158** | **19 622** | **20 923** | **20 391** | **19 863** | **19 675** | **17 993** | **17 411** | **14 929** |
| **Chimney fires** | **85** | **56** | **50** | **56** | **68** | **78** | **48** | **49** | **37** | **25** | **28** | **22** | **20** | **19** |
| Dwelling | 77 | 51 | 47 | 52 | 62 | 68 | 44 | 41 | 33 | 20 | 26 | 19 | 20 | 18 |
| Other Residential | – | – | 1 | 1 | – | – | – | 1 | 1 | 1 | – | – | – | – |
| Non Residential | 8 | 5 | 2 | 3 | 6 | 10 | 4 | 7 | 3 | 4 | 2 | 3 | – | 1 |
| **Primary fires** | **22 334** | **16 167** | **13 522** | **12 911** | **11 678** | **11 289** | **10 676** | **10 820** | **10 588** | **10 756** | **10 214** | **9 678** | **8 761** | **8 312** |
| Dwelling | 9178 | 7311 | 6821 | 6 650 | 6 471 | 6 197 | 5 893 | 5 840 | 5 558 | 5 625 | 5 461 | 5 261 | 5 038 | 4 894 |
| Other Residential | 351 | 491 | 591 | 446 | 472 | 480 | 386 | 377 | 286 | 328 | 326 | 294 | 233 | 230 |
| Non Residential | 3524 | 2936 | 2566 | 2 565 | 2 180 | 2 213 | 1 924 | 2 126 | 1 975 | 2 083 | 1 818 | 1 724 | 1 453 | 1 337 |
| Transport | 8171 | 4679 | 2816 | 2 575 | 2 094 | 1 942 | 2 039 | 2 001 | 2 316 | 2 232 | 2 081 | 1 925 | 1 507 | 1 460 |
| Outdoor | 1110 | 750 | 728 | 675 | 461 | 457 | 434 | 476 | 453 | 488 | 528 | 474 | 530 | 391 |
| **Secondary fires** | **26 135** | **24 218** | **13 895** | **13 880** | **9 697** | **9 791** | **8 898** | **10 054** | **9 766** | **9 082** | **9 433** | **8 293** | **8 630** | **6 598** |
| Rubbish | 16784 | 13993 | 7860 | 8 507 | 6 292 | 5 945 | 5 649 | 6 092 | 5920 | 5315 | 4943 | 4770 | 4087 | 3734 |
| Open Land | 4056 | 6988 | 5598 | 4 737 | 2 957 | 3 361 | 2 782 | 3 473 | 3381 | 3297 | 4014 | 3130 | 4092 | 2558 |
| Other Outdoor Structure | 1144 | 1155 | 308 | 518 | 389 | 439 | 433 | 455 | 420 | 451 | 460 | 382 | 443 | 291 |
| Derelict Building | 1006 | 488 | 66 | 76 | 46 | 35 | 24 | 18 | 29 | 12 | 11 | 5 | 5 | 14 |
| Derelict Vehicle | 3145 | 1594 | 63 | 42 | 13 | 11 | 10 | 16 | 16 | 7 | 5 | 6 | 3 | 1 |

## Table 2.2 Fires, by property type category and motive, since 2000

*number*

| | 2000 | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total fires** | **48 554** | **40 441** | **27 467** | **26 847** | **21 443** | **21 158** | **19 622** | **20 923** | **20 391** | **19 863** | **19 675** | **17 993** | **17 411** | **14 929** |
| Accidental | 17 675 | 15 373 | 18 237 | 19 131 | 16 411 | 16 614 | 15 135 | 16 110 | 15 315 | 15 108 | 15 055 | 13 473 | 12 676 | 10 679 |
| Deliberate | 26 614 | 19 653 | 6 721 | 6 950 | 4 719 | 4 166 | 4 086 | 4 223 | 4 220 | 3 835 | 3 271 | 2 926 | 2 744 | 2 236 |
| Not known | 4 265 | 5 415 | 2 509 | 766 | 313 | 378 | 401 | 590 | 856 | 920 | 1 349 | 1 594 | 1 991 | 2 014 |
| **Chimney Fire Total** | **85** | **56** | **50** | **56** | **68** | **78** | **48** | **49** | **37** | **25** | **28** | **22** | **20** | **19** |
| Accidental | 79 | 53 | 50 | 56 | 68 | 76 | 48 | 48 | 37 | 25 | 28 | 22 | 20 | 19 |
| Deliberate | 4 | – | – | – | – | 2 | – | – | – | – | – | – | – | – |
| Not known | 2 | 3 | – | – | – | – | – | 1 | – | – | – | – | – | – |
| **Primary Fire Total** | **22 334** | **16 167** | **13 522** | **12 911** | **11 678** | **11 289** | **10 676** | **10 820** | **10 588** | **10 756** | **10 214** | **9 678** | **8 761** | **8 312** |
| Accidental | 11 730 | 9 710 | 10 012 | 9 673 | 9 443 | 9 381 | 8754 | 8 760 | 8 324 | 8 571 | 8 251 | 7 698 | 6 975 | 6 652 |
| Deliberate | 9 305 | 5 946 | 3 048 | 3 078 | 2 163 | 1 783 | 1786 | 1 878 | 2 022 | 1 901 | 1 578 | 1 509 | 1 269 | 1 050 |
| Not known | 1 299 | 511 | 462 | 160 | 72 | 125 | 136 | 182 | 242 | 284 | 385 | 471 | 517 | 610 |
| **Secondary Fire Tota** | **26 135** | **24 218** | **13 895** | **13 880** | **9 697** | **9 791** | **8 898** | **10 054** | **9 766** | **9 082** | **9 433** | **8 293** | **8 630** | **6 598** |
| Accidental | 5 866 | 5 610 | 8 175 | 9 402 | 6 900 | 7 157 | 6 333 | 7 302 | 6 954 | 6 512 | 6 776 | 5 753 | 5 681 | 4 008 |
| Deliberate | 17 305 | 13 707 | 3 673 | 3 872 | 2 556 | 2 381 | 2 300 | 2 345 | 2 198 | 1 934 | 1 693 | 1 417 | 1 475 | 1 186 |
| Not known | 2 964 | 4 901 | 2 047 | 606 | 241 | 253 | 265 | 407 | 614 | 636 | 964 | 1 123 | 1 474 | 1 404 |

## Table 2.3 All fires, by London borough, since 2000

*number*

| | 2000 | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **London total** | **48 554** | **40 441** | **27 467** | **26 847** | **21 443** | **21 158** | **19 622** | **20 923** | **20391** | **19863** | **19 675** | **17 993** | **17 411** | **14 930** |
| **Inner London** | **23 695** | **17 449** | **11 748** | **11 636** | **9 609** | **9 398** | **8 841** | **9 257** | **8 636** | **8 541** | **7 996** | **7 428** | **6 756** | **6 276** |
| Camden | 1 329 | 1 070 | 799 | 743 | 610 | 731 | 631 | 639 | 592 | 588 | 574 | 505 | 418 | 450 |
| City of London | 149 | 92 | 101 | 107 | 89 | 104 | 97 | 101 | 89 | 79 | 93 | 78 | 52 | 44 |
| Hackney | 2 276 | 1 508 | 783 | 854 | 748 | 686 | 696 | 668 | 605 | 646 | 636 | 564 | 551 | 486 |
| Hammersmith and Fulham | 800 | 628 | 509 | 532 | 409 | 408 | 360 | 393 | 385 | 344 | 330 | 341 | 313 | 251 |
| Haringey | 1 360 | 1 149 | 836 | 804 | 595 | 544 | 560 | 650 | 643 | 639 | 627 | 616 | 548 | 460 |
| Islington | 1 706 | 1 183 | 675 | 750 | 554 | 537 | 563 | 568 | 465 | 534 | 496 | 429 | 408 | 363 |
| Kensington and Chelsea | 650 | 531 | 399 | 359 | 339 | 320 | 315 | 325 | 286 | 318 | 264 | 262 | 251 | 226 |
| Lambeth | 2 178 | 1 299 | 922 | 937 | 834 | 792 | 787 | 751 | 762 | 675 | 665 | 575 | 583 | 522 |
| Lewisham | 1 592 | 1 358 | 946 | 855 | 661 | 717 | 631 | 712 | 610 | 633 | 574 | 576 | 612 | 484 |
| Newham | 3 011 | 1 809 | 1 364 | 1 215 | 901 | 929 | 822 | 803 | 876 | 806 | 783 | 707 | 701 | 714 |
| Southwark | 2 662 | 1 822 | 1 197 | 1 250 | 929 | 943 | 901 | 920 | 784 | 782 | 698 | 642 | 600 | 651 |
| Tower Hamlets | 3 211 | 2 810 | 1 438 | 1 464 | 1 173 | 1 029 | 977 | 1 171 | 1 043 | 878 | 755 | 721 | 697 | 606 |
| Wandsworth | 1 186 | 959 | 773 | 735 | 686 | 668 | 576 | 649 | 566 | 631 | 515 | 549 | 448 | 433 |
| Westminster | 1 585 | 1 231 | 1 006 | 1 031 | 1 081 | 990 | 925 | 907 | 930 | 988 | 986 | 863 | 574 | 586 |
| **Outer London** | **24 847** | **22 992** | **15 719** | **15 211** | **11 834** | **11 760** | **10 781** | **11 666** | **11 751** | **11 319** | **11 673** | **10 561** | **10 653** | **8 651** |
| Barking and Dagenham | 1 936 | 1 770 | 1 072 | 961 | 651 | 715 | 603 | 675 | 673 | 610 | 510 | 469 | 450 | 425 |
| Barnet | 1 295 | 1 242 | 869 | 918 | 719 | 710 | 609 | 721 | 632 | 682 | 721 | 616 | 637 | 576 |
| Bexley | 1 327 | 1 467 | 945 | 701 | 550 | 501 | 542 | 664 | 580 | 591 | 613 | 531 | 563 | 399 |
| Brent | 1 301 | 1 069 | 710 | 795 | 644 | 687 | 585 | 664 | 665 | 677 | 657 | 668 | 667 | 530 |
| Bromley | 1 747 | 1 787 | 1 031 | 1 131 | 803 | 715 | 750 | 902 | 950 | 744 | 731 | 674 | 666 | 590 |
| Croydon | 1 623 | 1 410 | 1 101 | 1 176 | 952 | 905 | 839 | 820 | 871 | 812 | 769 | 726 | 772 | 641 |
| Ealing | 1 463 | 1 350 | 873 | 872 | 756 | 752 | 654 | 694 | 744 | 745 | 709 | 659 | 776 | 508 |
| Enfield | 1 450 | 1 470 | 963 | 942 | 825 | 817 | 724 | 734 | 753 | 732 | 738 | 635 | 684 | 631 |
| Greenwich | 2 341 | 2 078 | 1 256 | 1 191 | 796 | 786 | 679 | 719 | 692 | 727 | 790 | 730 | 702 | 590 |
| Harrow | 681 | 567 | 433 | 457 | 371 | 372 | 332 | 339 | 342 | 403 | 391 | 350 | 365 | 296 |
| Havering | 1 372 | 1 542 | 901 | 826 | 532 | 568 | 621 | 662 | 706 | 598 | 626 | 538 | 492 | 466 |
| Hillingdon | 1 632 | 1 252 | 955 | 1 019 | 869 | 829 | 746 | 812 | 877 | 818 | 853 | 763 | 663 | 538 |
| Hounslow | 1 562 | 1 269 | 946 | 764 | 670 | 674 | 566 | 680 | 656 | 644 | 726 | 683 | 705 | 516 |
| Kingston upon Thames | 551 | 477 | 421 | 352 | 299 | 301 | 299 | 257 | 291 | 286 | 341 | 280 | 233 | 175 |
| Merton | 986 | 765 | 561 | 490 | 399 | 432 | 381 | 400 | 413 | 368 | 383 | 332 | 386 | 300 |
| Redbridge | 1 057 | 1 112 | 883 | 795 | 574 | 587 | 561 | 577 | 587 | 565 | 655 | 539 | 526 | 430 |
| Richmond upon Thames | 535 | 447 | 391 | 393 | 322 | 296 | 299 | 296 | 294 | 293 | 288 | 290 | 295 | 244 |
| Sutton | 828 | 755 | 568 | 541 | 435 | 473 | 406 | 381 | 356 | 354 | 381 | 354 | 376 | 296 |
| Waltham Forest | 1 160 | 1 163 | 840 | 887 | 667 | 640 | 585 | 669 | 669 | 670 | 791 | 724 | 695 | 500 |

## Table 2.4 Rate of fires per 1,000 resident population by London borough since 2000

*rate*

| | 2000 | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **England Average** | **7.3** | **6.6** | **4.3** | **4.2** | **2.9** | **3.2** | **2.9** | **3.0** | **2.9** | **3.0** | **3.3** | **2.7** | **2.7** |
| **Inner London** | **9.3** | **6.4** | **4.4** | **4.3** | **3.6** | **3.8** | **3.5** | **3.5** | **3.1** | **3.0** | **2.8** | **2.5** | **2.1** |
| Camden | 6.8 | 5.1 | 3.7 | 3.4 | 2.7 | 3.2 | 2.7 | 2.6 | 2.4 | 2.3 | 2.2 | 1.9 | 1.6 |
| City of London | 21.2 | 12.9 | 13.8 | 14.4 | 13.5 | 17.2 | 15.6 | 15.3 | 12.1 | 10.3 | 10.7 | 8.1 | 6.6 |
| Hackney | 11.2 | 7.0 | 3.2 | 3.5 | 3.0 | 2.7 | 2.6 | 2.5 | 2.2 | 2.3 | 2.3 | 2.0 | 1.9 |
| Hammersmith and Fulham | 4.9 | 3.6 | 2.8 | 2.9 | 2.2 | 2.2 | 2.0 | 2.1 | 2.1 | 1.9 | 1.8 | 1.9 | 1.6 |
| Haringey | 6.2 | 5.0 | 3.3 | 3.1 | 2.3 | 2.1 | 2.1 | 2.4 | 2.4 | 2.4 | 2.3 | 2.3 | 1.9 |
| Islington | 9.6 | 6.4 | 3.4 | 3.6 | 2.6 | 2.5 | 2.5 | 2.5 | 2.0 | 2.3 | 2.1 | 1.8 | 1.7 |
| Kensington and Chelsea | 4.2 | 3.2 | 2.5 | 2.3 | 2.2 | 2.0 | 2.0 | 2.1 | 1.8 | 2.0 | 1.7 | 1.7 | 1.5 |
| Lambeth | 8.1 | 4.7 | 3.1 | 3.1 | 2.7 | 2.5 | 2.5 | 2.3 | 2.4 | 2.1 | 2.0 | 1.8 | 1.7 |
| Lewisham | 6.3 | 5.3 | 3.5 | 3.1 | 2.4 | 2.5 | 2.2 | 2.4 | 2.0 | 2.1 | 1.9 | 1.9 | 1.9 |
| Newham | 12.3 | 7.1 | 4.6 | 3.9 | 2.8 | 2.9 | 2.5 | 2.4 | 2.5 | 2.3 | 2.2 | 2.0 | 1.9 |
| Southwark | 10.5 | 7.0 | 4.2 | 4.3 | 3.2 | 3.2 | 3.0 | 3.0 | 2.5 | 2.5 | 2.2 | 2.0 | 1.8 |
| Tower Hamlets | 16.3 | 13.2 | 5.8 | 5.7 | 4.4 | 3.8 | 3.5 | 4.0 | 3.5 | 2.9 | 2.4 | 2.2 | 2.1 |
| Wandsworth | 4.4 | 3.4 | 2.6 | 2.4 | 2.2 | 2.1 | 1.8 | 2.0 | 1.8 | 2.0 | 1.6 | 1.7 | 1.3 |
| Westminster | 8.1 | 5.5 | 4.6 | 4.7 | 4.8 | 4.4 | 4.0 | 3.8 | 3.8 | 4.0 | 3.9 | 3.3 | 2.2 |
| **Outer London** | **5.7** | **5.1** | **3.3** | **3.1** | **2.3** | **2.3** | **2.1** | **2.2** | **2.2** | **2.1** | **2.2** | **2.0** | **1.9** |
| Barking and Dagenham | 11.8 | 10.6 | 5.9 | 5.1 | 3.4 | 3.7 | 3.1 | 3.3 | 3.2 | 2.9 | 2.4 | 2.2 | 2.0 |
| Barnet | 4.1 | 3.8 | 2.5 | 2.6 | 2.0 | 1.9 | 1.6 | 1.9 | 1.6 | 1.8 | 1.8 | 1.6 | 1.6 |
| Bexley | 6.1 | 6.6 | 4.1 | 3.0 | 2.3 | 2.1 | 2.3 | 2.7 | 2.4 | 2.4 | 2.5 | 2.1 | 2.3 |
| Brent | 4.9 | 3.9 | 2.3 | 2.5 | 2.0 | 2.2 | 1.8 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.9 |
| Bromley | 5.9 | 6.0 | 3.3 | 3.6 | 2.6 | 2.3 | 2.3 | 2.8 | 2.9 | 2.2 | 2.2 | 2.0 | 2.0 |
| Croydon | 4.8 | 4.2 | 3.1 | 3.2 | 2.6 | 2.4 | 2.2 | 2.1 | 2.3 | 2.1 | 2.0 | 1.9 | 1.9 |
| Ealing | 4.8 | 4.3 | 2.6 | 2.6 | 2.2 | 2.2 | 1.9 | 2.0 | 2.2 | 2.2 | 2.1 | 1.9 | 2.1 |
| Enfield | 5.3 | 5.2 | 3.1 | 3.0 | 2.6 | 2.6 | 2.2 | 2.2 | 2.3 | 2.2 | 2.2 | 1.9 | 2.0 |
| Greenwich | 10.9 | 9.0 | 5.0 | 4.7 | 3.1 | 3.0 | 2.5 | 2.6 | 2.5 | 2.5 | 2.8 | 2.5 | 2.4 |
| Harrow | 3.3 | 2.6 | 1.8 | 1.9 | 1.5 | 1.5 | 1.4 | 1.4 | 1.4 | 1.6 | 1.6 | 1.4 | 1.4 |
| Havering | 6.1 | 6.8 | 3.8 | 3.5 | 2.2 | 2.3 | 2.5 | 2.7 | 2.8 | 2.3 | 2.4 | 2.1 | 1.9 |
| Hillingdon | 6.6 | 5.0 | 3.5 | 3.7 | 3.1 | 2.9 | 2.6 | 2.7 | 2.9 | 2.7 | 2.8 | 2.5 | 2.1 |
| Hounslow | 7.3 | 5.7 | 3.8 | 3.0 | 2.6 | 2.6 | 2.1 | 2.6 | 2.4 | 2.4 | 2.7 | 2.5 | 2.5 |
| Kingston upon Thames | 3.7 | 3.1 | 2.7 | 2.2 | 1.8 | 1.8 | 1.8 | 1.5 | 1.7 | 1.6 | 1.9 | 1.6 | 1.3 |
| Merton | 5.2 | 4.0 | 2.8 | 2.4 | 2.0 | 2.1 | 1.9 | 2.0 | 2.0 | 1.8 | 1.9 | 1.6 | 1.8 |
| Redbridge | 4.4 | 4.4 | 3.2 | 2.8 | 2.0 | 2.0 | 1.9 | 2.0 | 2.0 | 1.9 | 2.2 | 1.8 | 1.8 |
| Richmond upon Thames | 3.1 | 2.5 | 2.1 | 2.1 | 1.7 | 1.5 | 1.6 | 1.5 | 1.5 | 1.5 | 1.4 | 1.5 | 1.5 |
| Sutton | 4.6 | 4.1 | 3.0 | 2.8 | 2.2 | 2.4 | 2.1 | 1.9 | 1.8 | 1.8 | 1.9 | 1.7 | 1.8 |
| Waltham Forest | 5.2 | 5.1 | 3.3 | 3.4 | 2.5 | 2.4 | 2.2 | 2.4 | 2.5 | 2.4 | 2.9 | 2.6 | 2.4 |

Note: 2021 Data for England was unavailable at the time of publishing.
https://www.gov.uk/government/statistical-data-sets/fire0103-previous-data-tables

## Table 2.5 Primary fires, by London borough, since 2000

*number*

| | 2000 | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **London total** | **22 334** | **16 167** | **13 522** | **12 911** | **11 678** | **11 289** | **10 675** | **10 820** | **10 588** | **10 756** | **10 214** | **9 678** | **8 761** | **8 312** |
| **Inner London** | **10 603** | **7 389** | **6 246** | **5 912** | **5 439** | **5 237** | **4 883** | **4 983** | **4 701** | **4 826** | **4 413** | **4 166** | **3 768** | **3 723** |
| Camden | 708 | 563 | 473 | 407 | 390 | 422 | 358 | 367 | 321 | 361 | 335 | 309 | 250 | 262 |
| City of London | 115 | 57 | 68 | 83 | 73 | 78 | 67 | 75 | 61 | 62 | 57 | 59 | 41 | 37 |
| Hackney | 907 | 635 | 431 | 484 | 415 | 413 | 412 | 388 | 352 | 369 | 379 | 299 | 327 | 295 |
| Hammersmith and Fulham | 499 | 384 | 315 | 326 | 260 | 265 | 228 | 245 | 261 | 233 | 212 | 221 | 203 | 172 |
| Haringey | 705 | 547 | 427 | 396 | 321 | 308 | 310 | 355 | 336 | 310 | 322 | 316 | 272 | 277 |
| Islington | 766 | 501 | 384 | 410 | 329 | 300 | 320 | 331 | 275 | 302 | 297 | 249 | 238 | 238 |
| Kensington and Chelsea | 416 | 293 | 261 | 245 | 246 | 217 | 232 | 221 | 213 | 237 | 198 | 198 | 174 | 168 |
| Lambeth | 938 | 716 | 536 | 566 | 567 | 484 | 455 | 431 | 424 | 382 | 371 | 317 | 285 | 324 |
| Lewisham | 776 | 546 | 512 | 437 | 414 | 405 | 365 | 410 | 362 | 370 | 343 | 345 | 363 | 325 |
| Newham | 1 257 | 671 | 532 | 491 | 427 | 478 | 408 | 388 | 439 | 456 | 417 | 371 | 344 | 355 |
| Southwark | 987 | 613 | 628 | 561 | 512 | 478 | 467 | 481 | 444 | 460 | 384 | 351 | 355 | 339 |
| Tower Hamlets | 966 | 688 | 596 | 538 | 493 | 452 | 402 | 435 | 419 | 436 | 379 | 349 | 343 | 322 |
| Wandsworth | 629 | 461 | 438 | 435 | 417 | 420 | 369 | 411 | 350 | 391 | 305 | 358 | 254 | 264 |
| Westminster | 934 | 714 | 645 | 533 | 575 | 517 | 490 | 445 | 444 | 457 | 414 | 424 | 319 | 345 |
| **Outer London** | **11 724** | **8 778** | **7 276** | **6 999** | **6 239** | **6 052** | **5 791** | **5 837** | **5 885** | **5 927** | **5 799** | **5 511** | **4 993** | **4 588** |
| Barking and Dagenham | 717 | 546 | 346 | 338 | 301 | 293 | 260 | 305 | 327 | 297 | 270 | 231 | 214 | 189 |
| Barnet | 682 | 582 | 470 | 449 | 424 | 415 | 353 | 398 | 364 | 402 | 414 | 370 | 320 | 347 |
| Bexley | 477 | 389 | 365 | 311 | 304 | 247 | 267 | 298 | 271 | 294 | 275 | 242 | 233 | 177 |
| Brent | 795 | 576 | 428 | 413 | 407 | 402 | 374 | 421 | 370 | 387 | 382 | 352 | 329 | 283 |
| Bromley | 743 | 570 | 437 | 446 | 378 | 351 | 329 | 312 | 394 | 375 | 323 | 334 | 292 | 287 |
| Croydon | 843 | 632 | 611 | 633 | 509 | 471 | 471 | 442 | 489 | 486 | 442 | 457 | 433 | 373 |
| Ealing | 817 | 612 | 501 | 475 | 408 | 414 | 397 | 369 | 389 | 395 | 356 | 350 | 326 | 289 |
| Enfield | 703 | 586 | 470 | 455 | 419 | 432 | 392 | 384 | 397 | 393 | 387 | 309 | 320 | 325 |
| Greenwich | 893 | 595 | 487 | 474 | 396 | 377 | 386 | 376 | 372 | 391 | 409 | 387 | 340 | 325 |
| Harrow | 389 | 276 | 242 | 243 | 211 | 226 | 210 | 185 | 182 | 223 | 196 | 176 | 158 | 156 |
| Havering | 577 | 410 | 327 | 320 | 240 | 253 | 260 | 269 | 296 | 252 | 287 | 273 | 231 | 226 |
| Hillingdon | 817 | 543 | 486 | 513 | 446 | 429 | 420 | 424 | 489 | 472 | 409 | 401 | 324 | 277 |
| Hounslow | 688 | 530 | 395 | 356 | 342 | 335 | 308 | 337 | 311 | 336 | 316 | 343 | 309 | 255 |
| Kingston upon Thames | 312 | 251 | 226 | 167 | 163 | 168 | 168 | 153 | 176 | 139 | 174 | 150 | 140 | 105 |
| Merton | 457 | 297 | 261 | 237 | 218 | 211 | 199 | 218 | 199 | 170 | 197 | 199 | 192 | 172 |
| Redbridge | 539 | 442 | 402 | 335 | 296 | 278 | 298 | 285 | 264 | 306 | 324 | 289 | 236 | 227 |
| Richmond upon Thames | 280 | 204 | 193 | 193 | 178 | 172 | 175 | 175 | 163 | 163 | 146 | 142 | 131 | 146 |
| Sutton | 386 | 275 | 269 | 265 | 249 | 256 | 222 | 179 | 184 | 174 | 196 | 197 | 177 | 172 |
| Waltham Forest | 609 | 462 | 360 | 376 | 350 | 322 | 302 | 307 | 248 | 272 | 296 | 309 | 288 | 257 |

## Table 2.6 Secondary fires, by London borough, since 2000

*number*

| | 2000 | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **London total** | **26 135** | **24 218** | **13 895** | **13 880** | **9 697** | **9 791** | **8 898** | **10 054** | **9 766** | **9 082** | **9 433** | **8 293** | **8 630** | **6 598** |
| **Inner London** | **13 058** | **10 043** | **5 488** | **5 711** | **4 154** | **4 136** | **3 946** | **4 253** | **3 927** | **3 708** | **3 572** | **3 255** | **2 983** | **2 547** |
| Camden | 616 | 505 | 324 | 336 | 217 | 306 | 272 | 270 | 270 | 227 | 238 | 196 | 168 | 188 |
| City of London | 34 | 35 | 33 | 24 | 16 | 26 | 30 | 26 | 28 | 17 | 36 | 19 | 11 | 7 |
| Hackney | 1 366 | 871 | 352 | 368 | 332 | 273 | 281 | 277 | 252 | 277 | 256 | 265 | 223 | 190 |
| Hammersmith and Fulham | 300 | 244 | 194 | 206 | 147 | 142 | 132 | 148 | 123 | 111 | 117 | 119 | 110 | 79 |
| Haringey | 653 | 600 | 406 | 407 | 273 | 234 | 248 | 292 | 306 | 328 | 301 | 300 | 275 | 183 |
| Islington | 936 | 681 | 291 | 339 | 224 | 234 | 242 | 236 | 190 | 232 | 199 | 178 | 169 | 124 |
| Kensington and Chelsea | 231 | 238 | 136 | 114 | 92 | 101 | 83 | 101 | 73 | 81 | 66 | 63 | 76 | 58 |
| Lambeth | 1 237 | 583 | 385 | 369 | 265 | 306 | 330 | 318 | 338 | 292 | 293 | 256 | 298 | 197 |
| Lewisham | 814 | 810 | 434 | 418 | 244 | 309 | 265 | 300 | 246 | 262 | 231 | 231 | 249 | 159 |
| Newham | 1 753 | 1 135 | 831 | 724 | 474 | 450 | 413 | 415 | 437 | 350 | 366 | 336 | 357 | 358 |
| Southwark | 1 672 | 1 209 | 568 | 687 | 417 | 462 | 433 | 439 | 340 | 321 | 314 | 291 | 244 | 312 |
| Tower Hamlets | 2 242 | 2 121 | 842 | 926 | 680 | 577 | 575 | 735 | 624 | 441 | 376 | 372 | 354 | 284 |
| Wandsworth | 556 | 494 | 332 | 296 | 267 | 245 | 206 | 236 | 216 | 240 | 208 | 190 | 194 | 168 |
| Westminster | 648 | 517 | 360 | 497 | 506 | 471 | 436 | 460 | 484 | 529 | 571 | 439 | 255 | 240 |
| **Outer London** | **13 072** | **14 175** | **8 407** | **8 169** | **5 543** | **5 655** | **4 952** | **5 801** | **5 837** | **5 374** | **5 857** | **5 035** | **5 645** | **4 050** |
| Barking and Dagenham | 1 219 | 1 224 | 725 | 622 | 350 | 421 | 342 | 370 | 344 | 313 | 239 | 237 | 236 | 236 |
| Barnet | 611 | 659 | 397 | 466 | 291 | 291 | 255 | 320 | 266 | 280 | 307 | 246 | 317 | 229 |
| Bexley | 847 | 1 074 | 580 | 388 | 245 | 253 | 274 | 362 | 307 | 297 | 338 | 289 | 329 | 222 |
| Brent | 504 | 493 | 282 | 380 | 236 | 283 | 211 | 243 | 293 | 290 | 275 | 316 | 338 | 247 |
| Bromley | 1 000 | 1 210 | 588 | 680 | 417 | 356 | 418 | 587 | 556 | 368 | 406 | 338 | 374 | 303 |
| Croydon | 773 | 776 | 488 | 540 | 436 | 427 | 367 | 376 | 381 | 325 | 326 | 269 | 339 | 267 |
| Ealing | 646 | 735 | 371 | 395 | 347 | 337 | 257 | 325 | 355 | 350 | 352 | 307 | 450 | 217 |
| Enfield | 744 | 879 | 492 | 483 | 404 | 383 | 328 | 348 | 354 | 338 | 349 | 325 | 362 | 306 |
| Greenwich | 1 447 | 1 480 | 768 | 715 | 394 | 409 | 292 | 342 | 319 | 334 | 381 | 343 | 362 | 265 |
| Harrow | 291 | 291 | 190 | 213 | 158 | 146 | 119 | 153 | 159 | 179 | 195 | 173 | 206 | 140 |
| Havering | 789 | 1 128 | 573 | 505 | 290 | 313 | 356 | 391 | 408 | 344 | 338 | 262 | 259 | 237 |
| Hillingdon | 812 | 709 | 464 | 502 | 422 | 396 | 323 | 387 | 387 | 346 | 443 | 362 | 338 | 260 |
| Hounslow | 869 | 737 | 551 | 405 | 325 | 338 | 256 | 342 | 345 | 308 | 409 | 340 | 395 | 260 |
| Kingston upon Thames | 235 | 225 | 193 | 183 | 135 | 130 | 130 | 104 | 113 | 146 | 166 | 127 | 92 | 67 |
| Merton | 528 | 466 | 298 | 253 | 179 | 218 | 179 | 181 | 212 | 197 | 186 | 132 | 193 | 128 |
| Redbridge | 517 | 668 | 480 | 459 | 277 | 306 | 261 | 291 | 321 | 259 | 331 | 250 | 289 | 203 |
| Richmond upon Thames | 253 | 241 | 196 | 199 | 142 | 116 | 121 | 119 | 127 | 126 | 139 | 147 | 162 | 97 |
| Sutton | 437 | 480 | 294 | 273 | 181 | 216 | 183 | 200 | 169 | 177 | 183 | 157 | 199 | 123 |
| Waltham Forest | 550 | 700 | 477 | 508 | 314 | 316 | 280 | 360 | 421 | 397 | 494 | 415 | 405 | 243 |

## Table 2.7 Chimney fires, by London borough, since 2000

*number*

| | 2000 | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **London total** | **85** | **56** | **50** | **56** | **68** | **78** | **48** | **49** | **37** | **25** | **28** | **22** | **20** | **21** |
| **Inner London** | **34** | **17** | **14** | **13** | **16** | **25** | **12** | **21** | **8** | **7** | **11** | **7** | **5** | **6** |
| Camden | 5 | 2 | 2 | – | 3 | 3 | – | 2 | 1 | – | 1 | – | – | – |
| City of London | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| Hackney | 3 | 2 | – | 2 | 1 | – | 3 | 3 | 1 | – | 1 | – | 1 | 1 |
| Hammersmith and Fulham | 1 | – | – | – | 2 | 1 | – | – | 1 | – | 1 | 1 | – | – |
| Haringey | 2 | 2 | 3 | 1 | 1 | 2 | 2 | 3 | 1 | 1 | 4 | – | 1 | – |
| Islington | 4 | 1 | – | 1 | 1 | 3 | 1 | 1 | – | – | – | 2 | 1 | 1 |
| Kensington and Chelsea | 3 | – | 2 | – | 1 | 2 | – | 3 | – | – | – | 1 | 1 | – |
| Lambeth | 3 | – | 1 | 2 | 2 | 2 | 2 | 2 | – | 1 | 1 | 2 | – | 1 |
| Lewisham | 2 | 2 | – | – | 3 | 3 | 1 | 2 | 2 | 1 | – | – | – | – |
| Newham | 1 | 3 | 1 | – | – | 1 | 1 | – | – | – | – | – | – | 1 |
| Southwark | 3 | – | 1 | 2 | – | 3 | 1 | – | – | 1 | – | – | 1 | – |
| Tower Hamlets | 3 | 1 | – | – | – | – | – | 1 | – | 1 | – | – | – | – |
| Wandsworth | 1 | 4 | 3 | 4 | 2 | 3 | 1 | 2 | – | – | 2 | 1 | – | 1 |
| Westminster | 3 | – | 1 | 1 | – | 2 | – | 2 | 2 | 2 | 1 | – | – | 1 |
| **Outer London** | **51** | **39** | **36** | **43** | **52** | **53** | **36** | **28** | **29** | **18** | **17** | **15** | **15** | **15** |
| Barking and Dagenham | – | – | 1 | 1 | – | 1 | 1 | – | 2 | – | 1 | 1 | – | – |
| Barnet | 2 | 1 | 2 | 3 | 4 | 4 | 1 | 3 | 2 | – | – | – | – | – |
| Bexley | 3 | 4 | – | 2 | 1 | 1 | 1 | 4 | 2 | – | – | – | 1 | – |
| Brent | 2 | – | – | 2 | 1 | 2 | 1 | – | 2 | – | – | – | – | – |
| Bromley | 4 | 7 | 6 | 5 | 8 | 8 | 3 | 3 | | 1 | 2 | 2 | – | – |
| Croydon | 7 | 2 | 2 | 3 | 7 | 7 | 1 | 2 | 1 | 1 | 1 | – | – | 1 |
| Ealing | – | 3 | 1 | 2 | 1 | 1 | – | – | | – | 1 | 2 | – | 2 |
| Enfield | 3 | 5 | 1 | 4 | 2 | 2 | 4 | 2 | 2 | 1 | 2 | 1 | 2 | – |
| Greenwich | 1 | 3 | 1 | 2 | 6 | – | 1 | 1 | 1 | 2 | – | – | – | – |
| Harrow | 1 | – | 1 | 1 | 2 | – | 2 | 1 | 1 | 1 | – | 1 | 1 | – |
| Havering | 6 | 4 | 1 | 1 | 2 | 2 | 4 | 2 | 2 | 2 | 1 | 3 | 2 | 3 |
| Hillingdon | 3 | – | 5 | 4 | 1 | 4 | 3 | 1 | 1 | – | 1 | – | 1 | 1 |
| Hounslow | 5 | 2 | – | 3 | 3 | 1 | 2 | 1 | | – | 1 | – | 1 | 1 |
| Kingston upon Thames | 4 | 1 | 2 | 2 | 1 | 3 | 1 | – | 2 | 1 | 1 | 3 | 1 | 3 |
| Merton | 1 | 2 | 2 | – | 2 | 3 | 3 | 1 | 2 | 1 | – | 1 | 1 | – |
| Redbridge | 1 | 2 | 1 | 1 | 1 | 3 | 1 | 1 | 2 | – | – | – | 1 | – |
| Richmond upon Thames | 2 | 2 | 2 | 1 | 2 | 8 | 3 | 2 | 4 | 4 | 3 | 1 | – | – |
| Sutton | 5 | – | 5 | 3 | 5 | 1 | 1 | 2 | 3 | 3 | 2 | – | – | – |
| Waltham Forest | 1 | 1 | 3 | 3 | 3 | 2 | 3 | 2 | – | 1 | 1 | – | – | – |

## Table 2.8 Fire related fatalities, by London borough, since 2000

*number*

| | 2000 | 2005 | 2010 | 2011 | 2 012 | 2 013 | 2 014 | 2 015 | 2 016 | 2 017 | 2 018 | 2 019 | 2 020 | 2 021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **London total** | **59** | **60** | **59** | **55** | **42** | **49** | **29** | **32** | **46** | **102** | **45** | **36** | **30** | **50** |
| **Inner London** | **23** | **27** | **26** | **20** | **19** | **26** | **10** | **16** | **23** | **86** | **17** | **15** | **14** | **21** |
| Camden | 3 | 2 | 4 | – | 2 | 2 | – | 1 | 2 | 3 | 2 | 1 | 2 | – |
| City of London | – | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Hackney | 5 | 4 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | – | 2 | 1 | 1 |
| Hammersmith and Fulham | 1 | 1 | 2 | 2 | 2 | 4 | – | 2 | 1 | – | 3 | 2 | – | 2 |
| Haringey | – | 2 | 2 | 2 | – | 2 | 1 | 1 | 3 | 3 | 2 | 1 | – | 4 |
| Islington | 1 | 3 | 3 | – | 2 | 1 | – | – | 3 | – | 2 | 1 | – | 3 |
| Kensington and Chelsea | 3 | – | – | 1 | 1 | – | – | – | 2 | 72 | 3 | 1 | 2 | – |
| Lambeth | 1 | 5 | 1 | 1 | 4 | 2 | – | 2 | 1 | 3 | 1 | 1 | 2 | 1 |
| Lewisham | – | 3 | 3 | 2 | 1 | 1 | 4 | – | 2 | – | 1 | – | 1 | – |
| Newham | 3 | 1 | 2 | 2 | – | 4 | 1 | 4 | 1 | 1 | – | 1 | 2 | 1 |
| Southwark | 1 | 1 | 3 | 5 | 2 | 2 | – | 2 | 3 | – | – | 1 | 2 | 1 |
| Tower Hamlets | 3 | – | 1 | 2 | 1 | 1 | 1 | 1 | – | 1 | – | 1 | 1 | 1 |
| Wandsworth | 2 | 3 | 2 | 1 | – | 3 | – | 2 | 3 | 1 | 2 | 3 | 1 | – |
| Westminster | – | 2 | 1 | 1 | 2 | 2 | 1 | – | 1 | 1 | 1 | – | – | 7 |
| **Outer London** | **36** | **33** | **33** | **35** | **23** | **23** | **19** | **16** | **23** | **16** | **28** | **21** | **16** | **29** |
| Barking and Dagenham | – | 1 | 1 | 2 | 1 | – | 1 | – | 1 | 2 | 1 | 2 | – | 1 |
| Barnet | 3 | 1 | 3 | 2 | 1 | 1 | 1 | – | – | 1 | 2 | 2 | 1 | 2 |
| Bexley | 3 | – | 1 | 1 | – | – | – | 1 | – | – | – | 1 | 1 | 4 |
| Brent | – | 1 | 2 | 8 | 3 | 2 | – | 1 | 3 | – | 1 | 3 | 4 | 1 |
| Bromley | 5 | – | 4 | 2 | 3 | – | 1 | 1 | 2 | 1 | 1 | 2 | 1 | – |
| Croydon | 1 | 2 | 3 | 2 | 2 | 1 | 3 | 2 | 1 | – | – | 1 | – | 1 |
| Ealing | 2 | 2 | 5 | 2 | 2 | 1 | 2 | 4 | 3 | 1 | – | 3 | 1 | 1 |
| Enfield | 2 | 2 | 1 | – | 2 | 4 | 1 | – | 1 | 2 | 4 | – | 1 | 1 |
| Greenwich | 2 | – | 3 | 3 | 1 | 2 | 2 | 1 | 3 | 1 | 2 | – | 2 | 3 |
| Harrow | 6 | 1 | 2 | – | – | – | 2 | – | – | – | 3 | – | – | – |
| Havering | – | – | – | 1 | 2 | 1 | – | – | 1 | 4 | – | 1 | 1 | 1 |
| Hillingdon | – | 10 | – | 1 | 1 | 4 | – | – | – | 1 | 1 | – | – | – |
| Hounslow | – | 2 | 1 | 2 | 2 | 3 | 1 | 3 | 1 | – | 1 | 2 | 1 | – |
| Kingston upon Thames | 2 | 1 | – | 2 | – | – | 1 | 1 | 1 | 1 | 2 | – | – | – |
| Merton | 1 | – | 1 | – | – | 1 | – | – | 1 | – | 1 | 1 | 2 | 1 |
| Redbridge | 3 | 1 | 2 | 2 | – | – | 1 | 1 | 1 | – | 2 | 1 | – | 2 |
| Richmond upon Thames | 1 | 2 | – | – | 2 | – | – | – | 1 | – | 3 | – | – | – |
| Sutton | 2 | 2 | 2 | – | – | 2 | – | 1 | 1 | 1 | 2 | – | 1 | 9 |
| Waltham Forest | 3 | 5 | 2 | 5 | 1 | 1 | 3 | – | 2 | 1 | 2 | 2 | – | 2 |

## Table 2.9 Fire related injuries, by London borough, since 2005

*number*

| | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **London total** | **1 306** | **1 239** | **1 227** | **1 153** | **1 054** | **972** | **984** | **889** | **1036** | **858** | **791** | **694** | **715** |
| **Inner London** | **599** | **632** | **555** | **537** | **500** | **491** | **455** | **390** | **533** | **366** | **331** | **311** | **346** |
| Camden | 35 | 29 | 40 | 33 | 42 | 34 | 24 | 18 | 17 | 14 | 17 | 26 | 23 |
| City of London | 3 | 1 | – | 3 | – | 7 | 1 | 4 | 1 | 1 | 0 | 1 | 1 |
| Hackney | 52 | 58 | 43 | 56 | 28 | 30 | 37 | 31 | 30 | 38 | 32 | 21 | 20 |
| Hammersmith and Fulham | 38 | 26 | 17 | 31 | 18 | 32 | 14 | 27 | 50 | 14 | 30 | 13 | 16 |
| Haringey | 49 | 52 | 55 | 50 | 29 | 47 | 42 | 14 | 41 | 32 | 17 | 20 | 23 |
| Islington | 37 | 44 | 34 | 20 | 22 | 26 | 23 | 31 | 30 | 51 | 36 | 20 | 24 |
| Kensington and Chelsea | 29 | 43 | 28 | 31 | 11 | 11 | 45 | 26 | 106 | 18 | 8 | 18 | 20 |
| Lambeth | 51 | 41 | 48 | 55 | 57 | 53 | 46 | 36 | 29 | 27 | 13 | 23 | 42 |
| Lewisham | 66 | 83 | 47 | 64 | 72 | 36 | 41 | 39 | 40 | 39 | 54 | 28 | 24 |
| Newham | 65 | 62 | 60 | 34 | 38 | 40 | 23 | 38 | 47 | 36 | 19 | 30 | 30 |
| Southwark | 29 | 42 | 62 | 34 | 60 | 44 | 51 | 45 | 31 | 29 | 21 | 23 | 42 |
| Tower Hamlets | 54 | 54 | 25 | 53 | 43 | 29 | 39 | 16 | 31 | 17 | 22 | 33 | 32 |
| Wandsworth | 37 | 53 | 50 | 35 | 40 | 51 | 42 | 40 | 43 | 27 | 30 | 26 | 34 |
| Westminster | 54 | 44 | 46 | 38 | 40 | 51 | 27 | 25 | 37 | 23 | 32 | 29 | 15 |
| **Outer London** | **707** | **607** | **672** | **616** | **554** | **481** | **529** | **499** | **503** | **492** | **460** | **383** | **369** |
| Barking and Dagenham | 43 | 38 | 25 | 45 | 32 | 24 | 22 | 28 | 28 | 36 | 12 | 15 | 14 |
| Barnet | 48 | 38 | 37 | 34 | 32 | 21 | 32 | 28 | 48 | 30 | 26 | 23 | 11 |
| Bexley | 32 | 21 | 33 | 19 | 18 | 11 | 19 | 28 | 25 | 24 | 24 | 22 | 18 |
| Brent | 51 | 48 | 53 | 37 | 40 | 43 | 51 | 38 | 30 | 34 | 22 | 33 | 25 |
| Bromley | 26 | 22 | 39 | 37 | 23 | 20 | 24 | 20 | 19 | 30 | 43 | 26 | 25 |
| Croydon | 53 | 54 | 59 | 72 | 60 | 52 | 48 | 34 | 45 | 33 | 59 | 31 | 40 |
| Ealing | 72 | 35 | 45 | 37 | 44 | 54 | 35 | 41 | 37 | 39 | 43 | 30 | 35 |
| Enfield | 43 | 37 | 40 | 40 | 48 | 37 | 51 | 45 | 59 | 27 | 26 | 20 | 13 |
| Greenwich | 41 | 29 | 38 | 43 | 43 | 22 | 39 | 22 | 27 | 29 | 26 | 30 | 39 |
| Harrow | 34 | 43 | 28 | 14 | 18 | 10 | 8 | 21 | 14 | 19 | 14 | 9 | 11 |
| Havering | 17 | 24 | 19 | 30 | 19 | 30 | 26 | 20 | 26 | 32 | 19 | 24 | 12 |
| Hillingdon | 40 | 25 | 42 | 32 | 25 | 25 | 28 | 40 | 26 | 22 | 19 | 28 | 21 |
| Hounslow | 42 | 44 | 44 | 40 | 37 | 24 | 34 | 36 | 31 | 24 | 29 | 27 | 23 |
| Kingston upon Thames | 15 | 20 | 13 | 14 | 17 | 8 | 11 | 10 | 6 | 13 | 4 | 7 | 8 |
| Merton | 15 | 21 | 21 | 10 | 10 | 13 | 27 | 18 | 15 | 11 | 14 | 11 | 11 |
| Redbridge | 33 | 51 | 56 | 39 | 28 | 26 | 29 | 28 | 15 | 31 | 24 | 17 | 21 |
| Richmond upon Thames | 25 | 13 | 14 | 24 | 7 | 8 | 13 | 7 | 11 | 11 | 15 | 6 | 10 |
| Sutton | 25 | 18 | 29 | 28 | 15 | 19 | 12 | 11 | 18 | 24 | 15 | 11 | 14 |
| Waltham Forest | 52 | 26 | 37 | 21 | 38 | 34 | 20 | 24 | 23 | 23 | 26 | 13 | 18 |

## Table 2.10 Fires by hour of the day, since 2000

| *number* | | | | | | | | | | | | | | | *percentage* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2000 | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Average distribution |
| **Primary fire** | **22 334** | **16 167** | **13 522** | **12 911** | **11 678** | **11 289** | **10 675** | **10 820** | **10 588** | **10 756** | **10 214** | **9 678** | **8 761** | **8 312** | |
| 0 | 1 087 | 745 | 536 | 509 | 431 | 385 | 370 | 387 | 359 | 394 | 396 | 335 | 318 | 291 | *3.6* |
| 1 | 946 | 690 | 501 | 466 | 400 | 355 | 343 | 321 | 333 | 355 | 289 | 310 | 282 | 247 | *3.1* |
| 2 | 857 | 632 | 413 | 425 | 326 | 297 | 271 | 264 | 295 | 291 | 293 | 241 | 254 | 194 | *2.7* |
| 3 | 662 | 483 | 372 | 333 | 286 | 254 | 253 | 263 | 255 | 241 | 233 | 246 | 171 | 152 | *2.2* |
| 4 | 499 | 396 | 311 | 318 | 269 | 203 | 206 | 194 | 221 | 204 | 221 | 192 | 152 | 151 | *1.9* |
| 5 | 377 | 329 | 234 | 228 | 204 | 210 | 187 | 168 | 185 | 185 | 192 | 169 | 139 | 135 | *1.7* |
| 6 | 360 | 258 | 249 | 216 | 208 | 217 | 165 | 198 | 196 | 191 | 182 | 164 | 135 | 126 | *1.7* |
| 7 | 349 | 322 | 289 | 259 | 260 | 230 | 216 | 238 | 230 | 202 | 225 | 205 | 174 | 183 | *2.1* |
| 8 | 533 | 411 | 382 | 353 | 336 | 352 | 258 | 305 | 267 | 295 | 273 | 260 | 219 | 231 | *2.7* |
| 9 | 565 | 466 | 430 | 398 | 371 | 390 | 391 | 399 | 383 | 368 | 342 | 338 | 277 | 280 | *3.4* |
| 10 | 682 | 503 | 475 | 437 | 459 | 413 | 425 | 395 | 402 | 393 | 377 | 388 | 323 | 306 | *3.7* |
| 11 | 791 | 588 | 556 | 502 | 525 | 474 | 437 | 475 | 449 | 479 | 459 | 421 | 365 | 366 | *4.4* |
| 12 | 870 | 693 | 606 | 613 | 575 | 539 | 503 | 517 | 509 | 526 | 508 | 451 | 462 | 412 | *4.9* |
| 13 | 924 | 692 | 695 | 648 | 627 | 562 | 564 | 579 | 563 | 577 | 534 | 524 | 469 | 482 | *5.4* |
| 14 | 988 | 769 | 641 | 652 | 619 | 635 | 542 | 528 | 539 | 546 | 553 | 499 | 510 | 447 | *5.4* |
| 15 | 1 038 | 758 | 698 | 696 | 605 | 609 | 576 | 605 | 585 | 578 | 598 | 532 | 522 | 497 | *5.7* |
| 16 | 1 119 | 810 | 728 | 676 | 689 | 623 | 621 | 648 | 584 | 579 | 570 | 535 | 538 | 508 | *5.7* |
| 17 | 1 526 | 921 | 893 | 786 | 703 | 728 | 718 | 682 | 634 | 677 | 644 | 592 | 525 | 548 | *6.3* |
| 18 | 1 436 | 932 | 795 | 791 | 727 | 719 | 732 | 727 | 729 | 698 | 633 | 657 | 594 | 594 | *6.7* |
| 19 | 1 425 | 1 035 | 816 | 853 | 776 | 777 | 747 | 747 | 750 | 764 | 683 | 652 | 575 | 530 | *6.7* |
| 20 | 1 431 | 991 | 786 | 789 | 652 | 647 | 617 | 675 | 651 | 620 | 541 | 560 | 535 | 485 | *5.7* |
| 21 | 1 457 | 1 003 | 746 | 709 | 620 | 641 | 581 | 580 | 569 | 576 | 555 | 550 | 446 | 434 | *5.4* |
| 22 | 1 273 | 878 | 694 | 666 | 555 | 556 | 525 | 492 | 490 | 543 | 477 | 461 | 433 | 372 | *4.8* |
| 23 | 1 139 | 862 | 676 | 588 | 455 | 473 | 427 | 433 | 410 | 474 | 436 | 396 | 343 | 341 | *4.2* |
| **Secondary fire** | **26 135** | **24 218** | **13 895** | **13 880** | **9 697** | **9 791** | **8 898** | **10 055** | **9 766** | **9 082** | **9 433** | **8 293** | **8 630** | **6 598** | |
| 0 | 1 057 | 943 | 563 | 590 | 371 | 364 | 333 | 347 | 332 | 292 | 329 | 286 | 306 | 238 | *3.5* |
| 1 | 724 | 703 | 401 | 445 | 288 | 282 | 292 | 282 | 239 | 223 | 217 | 234 | 227 | 193 | *2.6* |
| 2 | 593 | 534 | 327 | 359 | 235 | 203 | 270 | 237 | 205 | 186 | 175 | 186 | 151 | 151 | *2.0* |
| 3 | 486 | 457 | 258 | 258 | 193 | 176 | 175 | 168 | 156 | 137 | 149 | 136 | 134 | 128 | *1.6* |
| 4 | 333 | 333 | 193 | 223 | 135 | 136 | 155 | 140 | 152 | 101 | 132 | 124 | 88 | 98 | *1.3* |
| 5 | 253 | 261 | 135 | 183 | 126 | 114 | 145 | 114 | 116 | 102 | 146 | 103 | 92 | 84 | *1.3* |
| 6 | 218 | 225 | 127 | 138 | 97 | 99 | 89 | 108 | 125 | 106 | 135 | 123 | 131 | 118 | *1.5* |
| 7 | 241 | 244 | 174 | 170 | 101 | 101 | 109 | 131 | 146 | 146 | 189 | 136 | 144 | 110 | *1.7* |
| 8 | 311 | 320 | 225 | 227 | 147 | 177 | 134 | 166 | 199 | 203 | 220 | 181 | 151 | 98 | *2.0* |
| 9 | 281 | 293 | 255 | 267 | 170 | 211 | 193 | 218 | 211 | 222 | 260 | 190 | 179 | 160 | *2.4* |
| 10 | 384 | 392 | 271 | 289 | 218 | 216 | 175 | 232 | 241 | 245 | 266 | 235 | 259 | 170 | *2.8* |
| 11 | 555 | 590 | 341 | 331 | 283 | 302 | 275 | 339 | 320 | 316 | 336 | 295 | 304 | 201 | *3.5* |
| 12 | 765 | 692 | 483 | 466 | 352 | 396 | 366 | 376 | 393 | 396 | 385 | 356 | 391 | 268 | *4.3* |
| 13 | 1 070 | 983 | 565 | 563 | 433 | 462 | 406 | 521 | 457 | 404 | 457 | 417 | 435 | 325 | *4.8* |
| 14 | 1 200 | 1 125 | 659 | 642 | 461 | 548 | 410 | 488 | 472 | 510 | 489 | 471 | 507 | 356 | *5.6* |
| 15 | 1 555 | 1 454 | 839 | 788 | 572 | 621 | 526 | 597 | 593 | 557 | 620 | 541 | 522 | 397 | *6.3* |
| 16 | 1 871 | 1 609 | 983 | 948 | 694 | 706 | 562 | 681 | 719 | 614 | 639 | 558 | 580 | 468 | *6.8* |
| 17 | 2 278 | 2 167 | 1 191 | 1 057 | 684 | 759 | 614 | 767 | 773 | 701 | 768 | 661 | 595 | 484 | *7.6* |
| 18 | 2 337 | 2 188 | 1 180 | 1 122 | 866 | 770 | 775 | 837 | 807 | 777 | 740 | 655 | 715 | 565 | *8.2* |
| 19 | 2 425 | 2 268 | 1 167 | 1 230 | 861 | 830 | 793 | 827 | 807 | 767 | 746 | 614 | 720 | 499 | *8.0* |
| 20 | 2 414 | 2 071 | 1 139 | 1 103 | 781 | 711 | 718 | 788 | 726 | 653 | 612 | 582 | 629 | 496 | *7.1* |
| 21 | 2 082 | 1 858 | 1 007 | 982 | 695 | 633 | 582 | 692 | 660 | 546 | 616 | 490 | 552 | 386 | *6.2* |
| 22 | 1 488 | 1 459 | 790 | 835 | 489 | 529 | 412 | 573 | 533 | 494 | 422 | 386 | 455 | 318 | *4.9* |
| 23 | 1 214 | 1 049 | 622 | 664 | 445 | 445 | 389 | 426 | 384 | 384 | 385 | 333 | 363 | 287 | *4.2* |

Note: Average distribution is for the five years to 2021

## Table 2.11 Fires by month of the year, since 2000

| *number* | | | | | | | | | | | | | | | *percentage* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2000 | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Average distribution |
| **Primary fire** | **22 334** | **16 167** | **13 522** | **12 911** | **11 678** | **11 289** | **10 675** | **10 820** | **10 588** | **10 756** | **10 214** | **9 678** | **8 761** | **8 312** | |
| Jan | 1 791 | 1 352 | 1 161 | 1 040 | 999 | 951 | 841 | 930 | 834 | 890 | 825 | 760 | 774 | 620 | *8.1* |
| Feb | 1 722 | 1 267 | 972 | 939 | 984 | 933 | 740 | 802 | 771 | 745 | 756 | 724 | 653 | 572 | *7.2* |
| Mar | 1 917 | 1 435 | 1 165 | 1 129 | 1 009 | 917 | 936 | 925 | 868 | 872 | 800 | 817 | 794 | 709 | *8.4* |
| Apr | 1 809 | 1 361 | 1 161 | 1 263 | 887 | 965 | 924 | 977 | 860 | 1 047 | 806 | 793 | 725 | 785 | *8.7* |
| May | 1 889 | 1 521 | 1 200 | 1 207 | 1 056 | 959 | 892 | 956 | 955 | 918 | 906 | 911 | 840 | 677 | *8.9* |
| Jun | 1 928 | 1 400 | 1 215 | 1 022 | 905 | 930 | 930 | 955 | 820 | 949 | 902 | 805 | 737 | 751 | *8.7* |
| Jul | 1 942 | 1 271 | 1 347 | 1 085 | 934 | 1 108 | 967 | 976 | 991 | 965 | 1 139 | 897 | 769 | 698 | *9.4* |
| Aug | 1 889 | 1 225 | 1 082 | 1 197 | 944 | 968 | 856 | 873 | 982 | 864 | 818 | 809 | 725 | 655 | *8.1* |
| Sep | 1 746 | 1 269 | 1 019 | 974 | 998 | 847 | 899 | 832 | 862 | 812 | 820 | 831 | 769 | 666 | *8.2* |
| Oct | 1 933 | 1 389 | 1 098 | 1 086 | 949 | 885 | 884 | 868 | 913 | 905 | 864 | 781 | 664 | 698 | *8.2* |
| Nov | 1 918 | 1 328 | 1 026 | 936 | 999 | 945 | 880 | 884 | 859 | 877 | 854 | 784 | 662 | 776 | *8.3* |
| Dec | 1 850 | 1 349 | 1 076 | 1 033 | 1 014 | 881 | 926 | 842 | 873 | 912 | 724 | 766 | 649 | 705 | *7.9* |
| **Secondary fire** | **26 135** | **24 218** | **13 895** | **13 880** | **9 697** | **9 791** | **8 898** | **10 055** | **9 766** | **9 082** | **9 433** | **8 293** | **8 630** | **6 598** | |
| Jan | 1 543 | 1 409 | 532 | 596 | 665 | 438 | 353 | 474 | 454 | 410 | 443 | 569 | 437 | 322 | *5.2* |
| Feb | 1 574 | 1 315 | 490 | 624 | 653 | 522 | 467 | 452 | 606 | 411 | 462 | 436 | 438 | 414 | *5.1* |
| Mar | 2 388 | 1 740 | 928 | 1 004 | 1 190 | 625 | 857 | 747 | 654 | 744 | 458 | 594 | 561 | 576 | *7.0* |
| Apr | 1 820 | 1 816 | 1 334 | 1 649 | 877 | 835 | 872 | 1 099 | 747 | 1 272 | 589 | 872 | 921 | 984 | *11.0* |
| May | 1 940 | 2 317 | 1 343 | 2 064 | 876 | 976 | 833 | 987 | 1 005 | 945 | 833 | 953 | 1 289 | 534 | *10.8* |
| Jun | 2 895 | 2 990 | 1 741 | 1 116 | 774 | 1 003 | 1 118 | 1 394 | 604 | 1 076 | 1 217 | 819 | 988 | 666 | *11.3* |
| Jul | 2 914 | 3 599 | 2 931 | 1 401 | 841 | 1 765 | 1 055 | 1 491 | 1 107 | 1 000 | 2 077 | 1 037 | 966 | 567 | *13.4* |
| Aug | 3 305 | 2 491 | 1 428 | 1 437 | 1 002 | 1 125 | 904 | 948 | 1 440 | 683 | 919 | 856 | 1 042 | 535 | *9.6* |
| Sep | 2 036 | 1 787 | 982 | 1 000 | 1 176 | 781 | 836 | 661 | 949 | 614 | 786 | 892 | 815 | 566 | *8.7* |
| Oct | 2 002 | 1 679 | 851 | 1 419 | 569 | 623 | 656 | 726 | 935 | 804 | 719 | 461 | 339 | 462 | *6.6* |
| Nov | 2 256 | 1 768 | 874 | 912 | 669 | 631 | 469 | 575 | 733 | 687 | 548 | 416 | 514 | 630 | *6.6* |
| Dec | 1 462 | 1 307 | 461 | 658 | 405 | 467 | 478 | 501 | 532 | 436 | 382 | 388 | 320 | 342 | *4.4* |

Note: Average distribution is for the five years to 2021

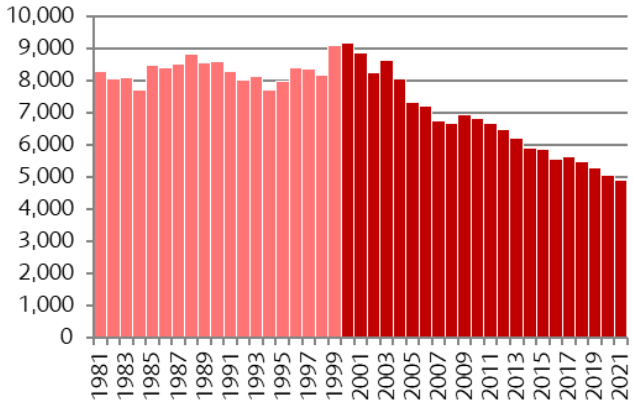
# Chapter 3 | Fires in the home

This chapter looks at fires in dwellings – people's homes. In 2021, fires in dwellings accounted for 62 per cent of primary fires attended. Additionally, 2021 had the lowest number of dwelling fires recorded since 2000.

## Trend in dwelling fires

Using official estimates for the number of fires in dwellings between 1981 and 1999[3], we can see that the number of fires in dwellings in London were consistently around the average over this period of 8,200. Over this period there was very little change in the population of London, rising by just 350,000 people. [Chart 19]

**Chart 19: Fires in dwellings, 1981 to 2021**

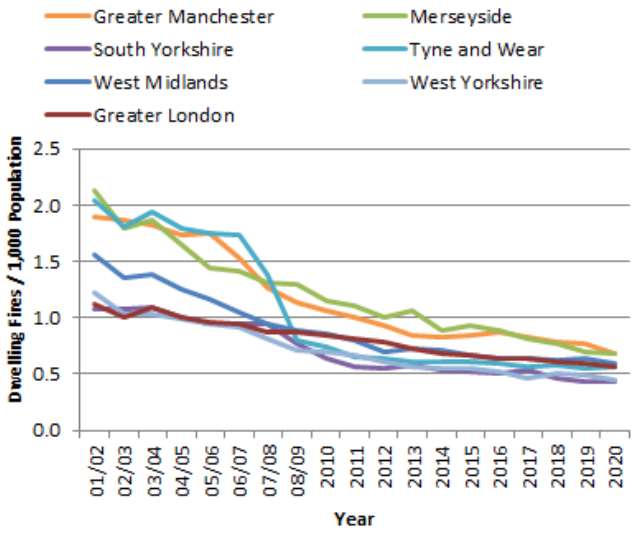



Since 2000, the population of London has been increasing, yet the number of dwelling fires has reduced. This reduction is attributed to the success of community safety initiatives and an increase in smoke alarm ownership.

## Rate of dwelling fires

In April 2001 Greater London had one of the lowest rates of dwelling fires per 1,000 resident population, with nearly half as many dwelling fires per person than in some other metropolitan authorities. Since then the rates in all authorities have reduced, some more so than in Greater London, therefore, they now all seem to be converging to a similar rate [Chart 20].

**Chart 20 : The rate of dwelling fires per 1,000 resident population by England's Metropolitan Fire and Rescue Authorities, from April 2001 to 2020**

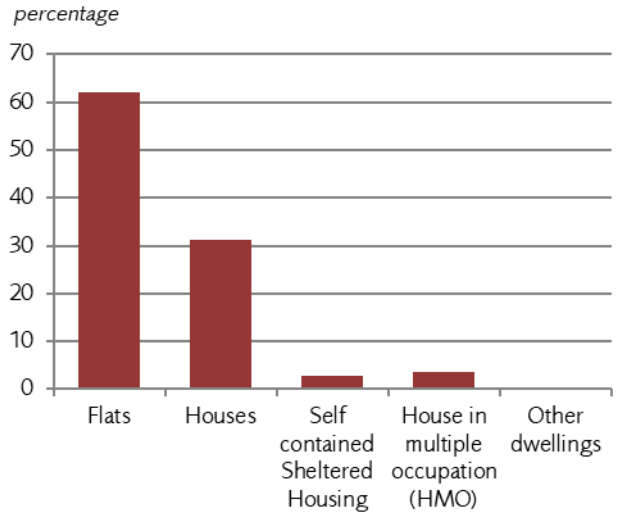



## Where fires in the home happen

(Table 3.2 and 3.3)
The 2011 Census recorded that half of the population of London lived in flats. Dwelling fires by property type show that a slightly larger proportion of dwelling fires start in flats compared to the proportion of the population living in flats [Chart 21]. Overall, fires in flats were down by six per cent in 2021 compared to the five previous years.

[3] Official estimates based on Home Office Fire Statistics, reconciled to Brigade totals 1981-1999.

**Chart 21: Fires by dwelling type, 2021**



Between 2017 and 2021, most of the fires in homes have been accidental (90 per cent), with only a small proportion recorded as having a deliberate motive (seven per cent) in recent years. However, in 2020, while the overall proportion of deliberate fires did not change significantly, the number of deliberate fires where someone set light to their own property increased by 36% (42 fires) compared to the previous five year average.

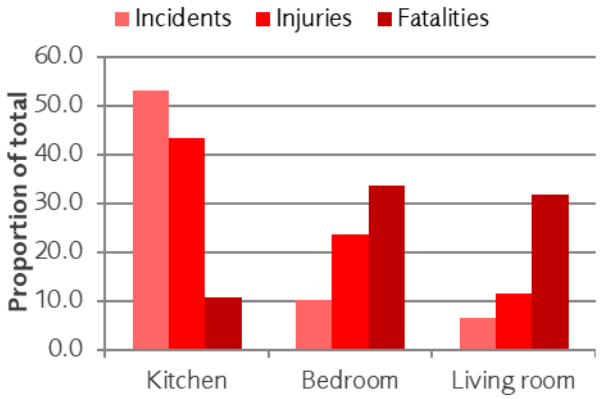
### Room where the fires started

(Table 3.4)

Looking at the room where fires start, within the last five years, most fires take place in the kitchen (53 per cent). In 2021, there was a 14 per cent reduction in kitchen fires compared to the average over the five previous years. Although more than half of fires started in the kitchen, only 11 per cent have resulted in a fatality. Most fatal dwelling fires occur in the bedroom (34 per cent), followed by the living room (32 per cent). However, in many of the incidents involving living rooms, the living room was also being used as a bedroom.

Around half of fires that result in injury start in the kitchen (43 per cent); 24 per cent start in the bedroom and 11 per cent in the living room. [Chart 22]

**Chart 22: Where fires in the home start, showing proportion of incidents, injuries and fatalities, five years to 2021**




### How fires in the home start

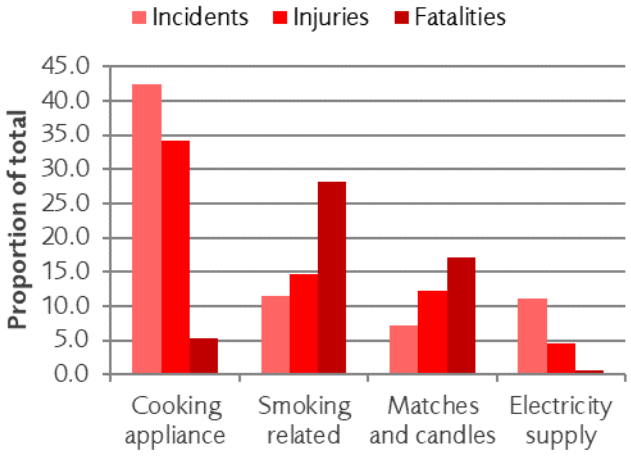
(Table 3.5)

Given that over half of fires start in the kitchen, it is not surprising that a large proportion of fires in the kitchen are caused by cooking (43 per cent). However, these fires cause only a small proportion of dwelling fire fatalities (at five per cent).

Despite smoking materials causing just 11 per cent of dwelling fires, they caused over 28 per cent of dwelling fire fatalities.

Fires started by matches and candles are also disproportionally fatal; a relatively small proportion of fires start in this way (at seven per cent), yet, on average, they cause more fatal dwelling fires (17 per cent). This is often because candles are left alight when people fall asleep. [Chart 23]

**Chart 23: How fires in the home start, showing proportion of incidents, injuries and fatalities, five years to 2021**




Another common cause of fires in the home are those caused by electrical supplies and wiring (11 per cent). In recent years, fires starting this way have contributed to less than one per cent of overall dwelling fire fatalities. Over the last five years, there has only been one fatality in dwellings due to electrical supplies and wiring (in 2021).

## Firefighting actions

(Table 3.6)
Fires in the home are not always serious and may not even involve the fire and rescue service. Of those to which the Brigade were called over the last five years, on about a third of occasions the Brigade did not need to undertake any firefighting when it arrived, and on a further third of occasions, the Brigade undertook minimal firefighting; for example, taking actions such as taking items away from the heat source or stamping the fire out.

This means that the fire-engine's hose reels or main jets are used at only a third of fires in the home.

Where there are fatalities in dwelling fires, we use fire engine hose reels or main jets most of the time. We know from an analysis of our attendance times in our document Fire Facts, Incident Response Times[4], that there is often a delay in calling the fire brigade. On over a third of occasions, the delay between the ignition of the fire and calling 999 is more than 10 minutes.

| Fires in dwellings | | |
|---|---|---|
| **Year** | **No alarm or not working** | **Alarm Operated** |
| 2017 | 2,737 | 2,888 |
| 2018 | 2,656 | 2,805 |
| 2019 | 2,421 | 2,840 |
| 2020 | 2,416 | 2,622 |
| 2021 | 2,263 | 2,631 |
| | **12,493** | **13,786** |
| | **48%** | **52%** |

## Working smoke alarms

The English Housing Survey – fire and fire safety 2016/17[5] reported that in England 90 per cent of households had at least one working smoke alarm in their home. This is an increase of six percentage points from 2008/09 (84 per cent).

In London, however, over the last five years to 2021, when there has been a fire in a home, which we have been called to attend, a smoke alarm was working and active in just over half of these fires (52 per cent).

[4] LFB Fire Facts – Incident response times
[5] Published by the Ministry for Housing, Communities and Local Government (MHCLG) https://www.gov.uk/government/statistics/english-housing-survey-2016-to-2017-fire-and-fire-safety

## Table 3.1 The rate of dwelling fires per 1,000 resident population by metropolitan fire and rescue authority

*rate*

| | 01/02 | 02/03 | 03/04 | 04/05 | 05/06 | 06/07 | 07/08 | 08/09 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Greater London | 1.1 | 1.0 | 1.1 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| Greater Manchester | 1.9 | 1.9 | 1.8 | 1.7 | 1.8 | 1.5 | 1.3 | 1.1 | 1.1 | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.9 | 0.8 | 0.8 | 0.8 | 0.7 |
| Merseyside | 2.1 | 1.8 | 1.9 | 1.7 | 1.4 | 1.4 | 1.3 | 1.3 | 1.1 | 1.1 | 1.0 | 1.1 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 | 0.7 | 0.7 |
| South Yorkshire | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 | 0.9 | 0.9 | 0.8 | 0.6 | 0.6 | 0.5 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 |
| Tyne and Wear | 2.0 | 1.8 | 1.9 | 1.8 | 1.7 | 1.7 | 1.4 | 0.8 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| West Midlands | 1.6 | 1.4 | 1.4 | 1.3 | 1.2 | 1.0 | 1.0 | 0.9 | 0.9 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| West Yorkshire | 1.2 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.8 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |

Population estimates are provided by calendar year. Before April 2009 the financial quarter was not specified with the national fire data, therefore the population size for those years is based on the first part of the financial year.

## Table 3.2 Dwelling fires, by property category and type, since 2010

*number*

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fires in dwellings** | **6 821** | **6 650** | **6 479** | **6 197** | **5 893** | **5 840** | **5 558** | **5 625** | **5 461** | **5 261** | **5 038** | **4 894** |
| **Flats** | **3 957** | **3 837** | **3 826** | **3 597** | **3 361** | **3 362** | **3 275** | **3 382** | **3 240** | **3 202** | **2 973** | **3 033** |
| Purpose Built Flats/Maisonettes - Up to 3 storeys | 1 407 | 1 404 | 1 492 | 1 236 | 1 181 | 1 126 | 1 178 | 1 159 | 1 092 | 1 101 | 937 | 993 |
| Purpose Built Flats/Maisonettes - 4 to 9 storeys | 1 280 | 1 230 | 1 167 | 1 183 | 1 132 | 1 143 | 1 124 | 1 176 | 1 069 | 1 116 | 1 066 | 1 076 |
| Converted Flat/Maisonette - Up to 2 storeys | 450 | 435 | 434 | 469 | 395 | 418 | 370 | 370 | 377 | 353 | 303 | 321 |
| Converted Flat/Maisonettes - 3 or more storeys | 374 | 363 | 396 | 420 | 384 | 415 | 369 | 410 | 389 | 389 | 379 | 369 |
| Purpose Built Flats/Maisonettes - 10 or more storeys | 446 | 405 | 337 | 289 | 269 | 260 | 234 | 267 | 313 | 243 | 288 | 274 |
| **Houses** | **2 341** | **2 283** | **2 120** | **2 099** | **1 975** | **1 977** | **1 911** | **1 840** | **1 843** | **1 727** | **1 713** | **1 526** |
| House - single occupancy | 2 286 | 2 235 | 2 082 | 2 061 | 1 938 | 1 926 | 1 866 | 1 809 | 1 805 | 1 695 | 1 679 | 1 491 |
| Bungalow - single occupancy | 55 | 48 | 38 | 38 | 37 | 51 | 45 | 31 | 38 | 32 | 34 | 35 |
| **Self contained Sheltered Housing** | **275** | **287** | **335** | **324** | **369** | **293** | **213** | **233** | **221** | **193** | **187** | **141** |
| **House in multiple occupation (HMO)** | **235** | **225** | **164** | **146** | **162** | **177** | **134** | **149** | **138** | **119** | **146** | **177** |
| House in Multiple Occupation - Up to 2 storeys (not known if licensed) | 49 | 41 | 36 | 29 | 37 | 35 | 28 | 24 | 22 | 24 | 19 | 21 |
| Unlicensed House in Multiple Occupation - Up to 2 storeys | 56 | 47 | 23 | 27 | 33 | 36 | 26 | 31 | 19 | 20 | 19 | 21 |
| Licensed House in Multiple Occupation - Up to 2 storeys | 30 | 34 | 25 | 14 | 30 | 30 | 23 | 32 | 33 | 24 | 46 | 56 |
| House in Multiple Occupation - 3 or more storeys (not known if licensed) | 33 | 33 | 32 | 21 | 27 | 24 | 19 | 17 | 20 | 11 | 4 | 17 |
| Licensed House in Multiple Occupation - 3 or more storeys | 44 | 46 | 21 | 33 | 25 | 33 | 24 | 31 | 33 | 29 | 44 | 49 |
| Unlicensed House in Multiple Occupation - 3 or more storeys | 23 | 24 | 27 | 22 | 10 | 19 | 14 | 14 | 11 | 11 | 14 | 13 |
| **Other dwellings** | **13** | **18** | **34** | **31** | **26** | **31** | **25** | **21** | **19** | **20** | **19** | **17** |
| Other Dwelling | 4 | 11 | 23 | 22 | 18 | 20 | 20 | 15 | 14 | 10 | 15 | 11 |
| Caravan/Mobile home (permanent dwelling) | 9 | 5 | 6 | 7 | 5 | 6 | 3 | 5 | 5 | 7 | 3 | 4 |
| Houseboat (permanent dwelling) | – | 2 | 5 | 2 | 3 | 5 | 2 | 1 | – | 3 | 1 | 2 |

## Table 3.3 Dwelling fires, by motive, since 2000

*number*

| | 2000 | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fires in dwellings** | **9 178** | **7 311** | **6 821** | **6 653** | **6 479** | **6 197** | **5 893** | **5 840** | **5 558** | **5 625** | **5 461** | **5 261** | **5 038** | **4 894** |
| **Accidental** | **7 037** | **5 973** | **5 978** | **5 864** | **5 898** | **5 691** | **5 429** | **5 360** | **5 108** | **5 147** | **4 972** | **4 760** | **4 484** | **4 367** |
| **Deliberate** | **1 651** | **1 163** | **712** | **733** | **553** | **460** | **429** | **429** | **390** | **404** | **391** | **363** | **397** | **308** |
| Deliberate - others property | – | – | 375 | 395 | 275 | 234 | 197 | 200 | 165 | 179 | 162 | 139 | 152 | 123 |
| Deliberate - own property | – | – | 155 | 157 | 131 | 111 | 113 | 106 | 101 | 114 | 132 | 132 | 159 | 133 |
| Deliberate - unknown owner | – | – | 182 | 181 | 147 | 115 | 119 | 123 | 124 | 111 | 97 | 92 | 86 | 52 |
| **Not Known** | **490** | **175** | **131** | **56** | **28** | **46** | **35** | **51** | **60** | **74** | **98** | **138** | **157** | **219** |

The further breakdown of deliberate motive has only been available since 2010

## Table 3.4 Dwelling fires and casualties, by location of fire start, since 2010

*number*

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fires in dwellings** | **6 816** | **6 655** | **6 478** | **6 197** | **5 893** | **5 840** | **5 558** | **5 625** | **5 461** | **5 261** | **5 038** | **4 894** |
| Kitchen | 3 566 | 3 537 | 3 645 | 3 425 | 3 409 | 3 234 | 3 034 | 3 072 | 2 849 | 2 928 | 2 578 | 2 492 |
| Bedroom | 690 | 663 | 648 | 579 | 549 | 549 | 545 | 544 | 569 | 462 | 470 | 588 |
| Living room | 467 | 413 | 406 | 400 | 367 | 355 | 347 | 339 | 346 | 348 | 330 | 329 |
| Corridor/Hall | 319 | 332 | 307 | 267 | 247 | 251 | 246 | 243 | 236 | 250 | 232 | 253 |
| Other | 234 | 335 | 268 | 288 | 199 | 219 | 221 | 247 | 221 | 185 | 230 | 189 |
| Refuse store/Bin room | 208 | 229 | 159 | 158 | 135 | 122 | 125 | 99 | 116 | 109 | 143 | 138 |
| Bathroom/Toilet | 187 | 154 | 178 | 170 | 138 | 155 | 144 | 150 | 149 | 144 | 134 | 133 |
| Private balcony | – | – | – | – | 35 | 95 | 92 | 118 | 126 | 105 | 130 | 109 |
| Under stairs (enclosed, storage area) | 167 | 155 | 140 | 145 | 135 | 128 | 105 | 106 | 120 | 106 | 86 | 100 |
| External structures | 228 | 206 | 145 | 135 | 93 | 108 | 88 | 104 | 119 | 104 | 130 | 91 |
| Utility room | 83 | 71 | 87 | 85 | 84 | 76 | 104 | 93 | 106 | 81 | 86 | 70 |
| Roof space | 75 | 46 | 56 | 80 | 47 | 59 | 51 | 53 | 55 | 40 | 32 | 51 |
| Roof | 81 | 71 | 73 | 70 | 77 | 68 | 68 | 58 | 65 | 52 | 65 | 49 |
| External fittings | 77 | 72 | 69 | 71 | 52 | 53 | 40 | 52 | 65 | 40 | 59 | 48 |
| Bedsitting room | 65 | 71 | 38 | 48 | 38 | 57 | 45 | 33 | 38 | 32 | 41 | 38 |
| Airing/Drying cupboard | 76 | 65 | 80 | 56 | 62 | 70 | 59 | 59 | 47 | 49 | 53 | 35 |
| Stairs | 87 | 54 | 50 | 55 | 62 | 51 | 46 | 61 | 31 | 35 | 43 | 34 |
| Garage | 48 | 37 | 21 | 33 | 33 | 27 | 33 | 36 | 27 | 46 | 42 | 25 |
| Dining room | 36 | 38 | 30 | 39 | 21 | 35 | 24 | 27 | 33 | 15 | 30 | 24 |
| Lift/Lift shaft/Motor room | 21 | 27 | 18 | 19 | 16 | 18 | 20 | 22 | 26 | 13 | 6 | 22 |
| Not known | 32 | 23 | 6 | 22 | 14 | 11 | 4 | 7 | 15 | 14 | 13 | 18 |
| Communal balcony/Elevated walkway | – | – | – | – | 14 | 42 | 37 | 35 | 35 | 36 | 40 | 16 |
| Open plan area | 24 | 25 | 22 | 20 | 24 | 24 | 27 | 25 | 31 | 22 | 19 | 13 |
| Chimney | 25 | 12 | 9 | 16 | 10 | 9 | 28 | 18 | 13 | 20 | 18 | 13 |
| Conservatory | 17 | 18 | 19 | 14 | 25 | 18 | 21 | 16 | 14 | 19 | 24 | 11 |
| Indoor swimming pool | 1 | – | – | 1 | – | – | – | 1 | 3 | 1 | – | 3 |
| Green or living roof | – | – | – | – | 6 | 4 | 3 | 6 | 3 | 4 | 3 | 1 |
| Sauna | 2 | 1 | 4 | 1 | 1 | 2 | 1 | 1 | 3 | 1 | 1 | 1 |
| **No. of fire fatalities** | **50** | **46** | **38** | **39** | **26** | **23** | **38** | **100** | **38** | **30** | **27** | **44** |
| Bedroom | 14 | 8 | 12 | 14 | 11 | 5 | 13 | 12 | 14 | 7 | 6 | 17 |
| Living room | 16 | 14 | 15 | 15 | 7 | 8 | 13 | 9 | 10 | 11 | 13 | 10 |
| Not known | 1 | 4 | – | – | – | 1 | 1 | 1 | 3 | 2 | 2 | 9 |
| Kitchen | 6 | 2 | 4 | 3 | 3 | 1 | 6 | 74 | 6 | 3 | 4 | 3 |
| Corridor/Hall | 2 | 7 | – | 2 | – | 1 | 2 | – | 3 | 4 | – | 3 |
| Bedsitting room | 8 | 2 | – | 1 | 1 | 3 | 1 | – | 1 | 2 | 1 | 2 |
| Other | – | 5 | 3 | 2 | 2 | – | 1 | 1 | – | – | 1 | – |
| Bathroom/Toilet | 3 | 1 | 2 | – | – | 4 | – | – | – | 1 | – | – |
| Under stairs (enclosed, storage area) | – | 2 | 1 | 1 | 1 | – | – | 1 | – | – | – | – |
| Garage | – | 1 | 1 | – | – | – | – | – | – | – | – | – |
| Roof space | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Conservatory | – | – | – | – | 1 | – | 1 | 1 | – | – | – | – |
| Airing/Drying cupboard | – | – | – | – | – | – | – | 1 | – | – | – | – |
| Stairs | – | – | – | – | – | – | – | – | 1 | – | – | – |
| **No. of fire injuries** | **1 078** | **1 050** | **961** | **864** | **800** | **827** | **731** | **807** | **720** | **664** | **580** | **566** |
| Kitchen | 458 | 426 | 450 | 375 | 352 | 360 | 332 | 356 | 286 | 306 | 268 | 229 |
| Bedroom | 211 | 247 | 211 | 201 | 162 | 165 | 141 | 197 | 167 | 124 | 129 | 170 |
| Living room | 104 | 103 | 100 | 81 | 117 | 82 | 85 | 89 | 82 | 68 | 67 | 76 |
| Corridor/Hall | 78 | 90 | 41 | 31 | 47 | 57 | 43 | 29 | 25 | 19 | 22 | 34 |
| Bathroom/Toilet | 23 | 13 | 16 | 22 | 12 | 23 | 16 | 14 | 13 | 17 | 6 | 17 |
| Other | 24 | 49 | 39 | 36 | 23 | 35 | 32 | 40 | 27 | 26 | 26 | 13 |
| Bedsitting room | 19 | 21 | 12 | 33 | 13 | 33 | 10 | 12 | 15 | 11 | 4 | 11 |
| Private balcony | – | – | – | – | 3 | 4 | 6 | 8 | 12 | 11 | 7 | 6 |
| Under stairs (enclosed, storage area) | 26 | 4 | 30 | 20 | 16 | 3 | 1 | 7 | 11 | 4 | 6 | 6 |
| Utility room | 13 | 8 | 4 | 1 | 4 | 13 | 11 | 7 | 5 | 10 | 7 | 4 |
| *Other locations (less than 2.0%)* | 122 | 89 | 58 | 64 | 51 | 52 | 54 | 48 | 77 | 68 | 38 | – |

## Table 3.5 Primary dwelling fires and casualties, by source of ignition, since 2010

*number*

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fires in dwellings** | **6 816** | **6 655** | **6 479** | **6 197** | **5 893** | **5 840** | **5 558** | **5 625** | **5 461** | **5 261** | **5 038** | **4 894** |
| Cooking appliance | 2 809 | 2 851 | 2 946 | 2 807 | 2 836 | 2 688 | 2 453 | 2 516 | 2 303 | 2 353 | 2 053 | 1 947 |
| Electricity supply | 721 | 686 | 706 | 771 | 647 | 636 | 625 | 621 | 599 | 585 | 542 | 582 |
| Smoking related | 644 | 682 | 620 | 609 | 522 | 632 | 589 | 610 | 641 | 589 | 631 | 533 |
| Other domestic style appliance | 514 | 516 | 539 | 494 | 478 | 474 | 468 | 488 | 490 | 458 | 430 | 451 |
| Matches and candles | 486 | 443 | 471 | 400 | 413 | 406 | 397 | 389 | 379 | 336 | 407 | 393 |
| Unknown | 405 | 354 | 298 | 314 | 297 | 317 | 345 | 352 | 377 | 376 | 425 | 479 |
| Naked flame | 601 | 593 | 347 | 275 | 258 | 252 | 235 | 207 | 192 | 167 | 166 | 146 |
| Heating equipment | 292 | 242 | 265 | 215 | 197 | 179 | 193 | 206 | 219 | 170 | 171 | 175 |
| Electric lighting | 193 | 167 | 172 | 185 | 158 | 174 | 155 | 149 | 166 | 134 | 110 | 98 |
| Fuel/Chemical | 99 | 85 | 77 | 70 | 51 | 44 | 58 | 50 | 43 | 55 | 65 | 43 |
| Industrial equipment | 44 | 25 | 33 | 41 | 28 | 31 | 31 | 30 | 42 | 29 | 30 | 24 |
| Office equipment | 4 | 6 | 1 | 9 | 7 | 5 | 5 | 5 | 6 | 4 | 3 | 10 |
| Vehicles only | 2 | 2 | 1 | 2 | 1 | – | 1 | 1 | 3 | 4 | 3 | 11 |
| Bombs and explosives | 2 | 3 | 3 | 5 | – | 2 | 3 | 1 | 1 | 1 | 2 | 2 |
| **No. of fire fatalities** | **50** | **45** | **38** | **39** | **26** | **23** | **38** | **100** | **38** | **30** | **29** | **45** |
| Smoking related | 17 | 7 | 14 | 20 | 9 | 11 | 19 | 12 | 9 | 9 | 7 | 11 |
| Unknown | 7 | 8 | 6 | 7 | 4 | 2 | 3 | 5 | 5 | 7 | 8 | 14 |
| Matches and candles | 9 | 6 | 5 | 5 | 5 | 6 | 6 | 3 | 9 | 3 | 3 | 11 |
| Naked flame | 4 | 9 | 2 | 3 | 2 | 2 | 4 | 2 | 6 | 4 | 2 | 3 |
| Heating equipment | 5 | 3 | 4 | 2 | 1 | 1 | 1 | 3 | 3 | 4 | 2 | 3 |
| Cooking appliance | 4 | 2 | 3 | 1 | 2 | – | 3 | 1 | 2 | 2 | 3 | 1 |
| Other domestic style appliance | 2 | 9 | – | 1 | 1 | – | 1 | 74 | 1 | 1 | 2 | – |
| Electricity supply | 1 | – | 2 | – | 2 | – | – | – | – | – | – | 1 |
| Electric lighting | – | 1 | 2 | – | – | 1 | 1 | – | 3 | – | – | 1 |
| Fuel/Chemical | 1 | – | – | – | – | – | – | – | – | – | 2 | – |
| **No. of fire injuries** | **1 078** | **1 050** | **961** | **864** | **800** | **827** | **731** | **807** | **720** | **664** | **580** | **596** |
| Cooking appliance | 351 | 346 | 356 | 309 | 288 | 306 | 249 | 241 | 239 | 257 | 229 | 188 |
| Smoking related | 145 | 123 | 129 | 104 | 98 | 87 | 98 | 107 | 129 | 86 | 85 | 88 |
| Matches and candles | 125 | 128 | 106 | 106 | 99 | 98 | 81 | 107 | 80 | 65 | 77 | 84 |
| Naked flame | 144 | 166 | 91 | 89 | 61 | 74 | 67 | 56 | 42 | 40 | 22 | 30 |
| Other domestic style appliance | 108 | 86 | 92 | 65 | 84 | 65 | 60 | 133 | 63 | 36 | 29 | 38 |
| Electricity supply | 56 | 60 | 43 | 61 | 68 | 42 | 43 | 15 | 37 | 28 | 29 | 46 |
| Unknown | 38 | 62 | 66 | 39 | 52 | 71 | 70 | 71 | 55 | 90 | 74 | 76 |
| Heating equipment | 64 | 52 | 36 | 44 | 33 | 45 | 39 | 56 | 32 | 30 | 13 | 27 |
| Electric lighting | 22 | 19 | 34 | 34 | 11 | 13 | 15 | 14 | 21 | 8 | 10 | 8 |
| Fuel/Chemical | 11 | 4 | 7 | 9 | 3 | 20 | 9 | 4 | 4 | 19 | 9 | 5 |
| Industrial equipment | 9 | 1 | 1 | – | 3 | 4 | – | 2 | 16 | 4 | – | 1 |
| Office equipment | 2 | 3 | – | 3 | – | 2 | – | – | 1 | – | – | 1 |
| Bombs and explosives | 3 | – | – | 1 | – | – | – | 1 | 1 | – | – | – |
| Vehicles only | – | – | – | – | – | – | – | – | – | 1 | 3 | 4 |

## Table 3.6 Dwelling fires, by firefighting actions, since 2010

*number*

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fires in dwellings** | **6 816** | **6 655** | **6 479** | **6 197** | **5 893** | **5 840** | **5 558** | **5 625** | **5 461** | **5 261** | **5 038** | **4 894** |
| None | 1 844 | 1 858 | 1 996 | 1 907 | 1 897 | 1 805 | 1 746 | 1 812 | 1 791 | 1 740 | 1 796 | 1 745 |
| Small means | 2 121 | 2 161 | 2 255 | 2 055 | 2 006 | 1 977 | 1 787 | 1 890 | 1 668 | 1 711 | 1 335 | 1 290 |
| Portable extinguishers | 399 | 339 | 196 | 260 | 270 | 222 | 236 | 217 | 212 | 205 | 231 | 207 |
| Non-portable / fixed sources | 7 | 5 | 3 | 6 | 4 | 4 | 3 | 6 | 1 | 2 | 6 | 2 |
| Main jets or hose reel | 2 376 | 2 250 | 1 974 | 1 915 | 1 679 | 1 790 | 1 736 | 1 668 | 1 747 | 1 556 | 1 613 | 1 610 |
| Other means | 69 | 42 | 55 | 54 | 37 | 42 | 50 | 32 | 42 | 47 | 57 | 40 |
| **No. of fire fatalities** | **50** | **46** | **38** | **39** | **26** | **23** | **38** | **100** | **38** | **30** | **29** | **45** |
| None | 6 | 2 | 3 | 2 | 5 | – | 6 | 3 | 6 | 3 | 7 | 4 |
| Small means | 3 | – | 1 | – | – | – | – | 1 | – | – | 2 | – |
| Portable extinguishers | – | 1 | 1 | – | – | – | – | – | – | – | – | – |
| Non-portable / fixed sources | – | – | – | – | – | – | – | – | – | – | – | – |
| Main jets or hose reel | 41 | 43 | 33 | 37 | 21 | 23 | 32 | 96 | 32 | 27 | 20 | 41 |
| Other means | – | – | – | – | – | – | – | – | – | – | – | – |
| **No. of fire injuries** | **1 078** | **1 050** | **961** | **864** | **800** | **827** | **731** | **807** | **720** | **664** | **580** | **596** |
| None | 185 | 208 | 233 | 187 | 204 | 215 | 183 | 176 | 160 | 175 | 175 | 143 |
| Small means | 179 | 133 | 152 | 126 | 97 | 109 | 84 | 100 | 83 | 84 | 66 | 77 |
| Portable extinguishers | 38 | 39 | 25 | 21 | 39 | 23 | 16 | 15 | 22 | 19 | 10 | 7 |
| Non-portable / fixed sources | – | 1 | 1 | 1 | 1 | – | – | – | – | – | 2 | – |
| Main jets or hose reel | 674 | 667 | 543 | 527 | 457 | 479 | 448 | 515 | 453 | 382 | 324 | 367 |
| Other means | 2 | 2 | 7 | 2 | 2 | 1 | – | 1 | 2 | 4 | 3 | 2 |

## Table 3.7 Dwelling fires, by London borough, since 2000

*number*

| | 2000 | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Dwelling fires** | **9 178** | **7 311** | **6 821** | **6 650** | **6 471** | **6 197** | **5 890** | **5 840** | **5 558** | **5 625** | **5 461** | **5 261** | **5 038** | **4 894** |
| **Inner London** | **4 844** | **3 759** | **3 449** | **3 281** | **3 199** | **3 025** | **2 865** | **2 828** | **2 657** | **2 705** | **2 570** | **2 504** | **2 404** | **2 370** |
| Camden | 364 | 251 | 232 | 203 | 216 | 197 | 193 | 202 | 187 | 194 | 192 | 157 | 160 | 162 |
| City of London | 11 | 4 | 10 | 3 | 6 | 7 | 10 | 10 | 3 | 5 | 3 | 4 | 8 | 4 |
| Hackney | 458 | 376 | 282 | 301 | 282 | 275 | 280 | 259 | 239 | 224 | 250 | 218 | 231 | 197 |
| Hammersmith and Fulham | 260 | 217 | 185 | 206 | 157 | 170 | 136 | 136 | 157 | 132 | 144 | 141 | 123 | 110 |
| Haringey | 334 | 291 | 242 | 219 | 196 | 192 | 193 | 212 | 216 | 176 | 199 | 191 | 177 | 173 |
| Islington | 350 | 249 | 209 | 241 | 198 | 183 | 166 | 173 | 158 | 200 | 183 | 155 | 158 | 147 |
| Kensington and Chelsea | 231 | 190 | 159 | 153 | 159 | 135 | 156 | 126 | 124 | 151 | 135 | 134 | 126 | 129 |
| Lambeth | 531 | 404 | 345 | 333 | 365 | 310 | 303 | 281 | 261 | 245 | 231 | 210 | 203 | 219 |
| Lewisham | 344 | 294 | 304 | 230 | 262 | 264 | 227 | 259 | 236 | 230 | 193 | 230 | 231 | 232 |
| Newham | 431 | 293 | 262 | 269 | 248 | 249 | 225 | 201 | 198 | 234 | 205 | 184 | 188 | 195 |
| Southwark | 476 | 344 | 356 | 313 | 340 | 306 | 306 | 286 | 263 | 289 | 245 | 230 | 246 | 240 |
| Tower Hamlets | 354 | 298 | 347 | 300 | 259 | 248 | 228 | 236 | 204 | 220 | 222 | 200 | 213 | 212 |
| Wandsworth | 304 | 253 | 248 | 261 | 252 | 251 | 230 | 238 | 212 | 214 | 183 | 242 | 164 | 150 |
| Westminster | 396 | 295 | 268 | 249 | 259 | 238 | 212 | 209 | 199 | 191 | 185 | 208 | 176 | 200 |
| **Outer London** | **4 332** | **3 552** | **3 372** | **3 369** | **3 272** | **3 172** | **3 025** | **3 012** | **2 901** | **2 920** | **2 891** | **2 757** | **2 634** | **2 524** |
| Barking and Dagenham | 209 | 212 | 162 | 157 | 146 | 157 | 135 | 139 | 160 | 130 | 135 | 112 | 111 | 95 |
| Barnet | 291 | 251 | 263 | 227 | 243 | 238 | 211 | 230 | 210 | 234 | 236 | 214 | 185 | 195 |
| Bexley | 153 | 131 | 129 | 143 | 144 | 118 | 122 | 131 | 118 | 116 | 114 | 97 | 99 | 93 |
| Brent | 394 | 284 | 243 | 240 | 245 | 234 | 220 | 238 | 222 | 237 | 213 | 192 | 195 | 185 |
| Bromley | 200 | 165 | 178 | 167 | 160 | 155 | 136 | 143 | 176 | 156 | 137 | 155 | 134 | 161 |
| Croydon | 354 | 259 | 266 | 301 | 290 | 251 | 259 | 264 | 267 | 268 | 257 | 268 | 244 | 230 |
| Ealing | 340 | 282 | 250 | 239 | 205 | 225 | 224 | 202 | 196 | 221 | 173 | 182 | 176 | 183 |
| Enfield | 240 | 231 | 214 | 238 | 231 | 234 | 219 | 193 | 181 | 200 | 187 | 177 | 170 | 169 |
| Greenwich | 349 | 249 | 248 | 222 | 206 | 210 | 194 | 187 | 185 | 199 | 214 | 186 | 199 | 180 |
| Harrow | 172 | 159 | 124 | 141 | 126 | 144 | 130 | 113 | 102 | 128 | 107 | 90 | 96 | 86 |
| Havering | 145 | 106 | 108 | 109 | 111 | 108 | 109 | 118 | 122 | 94 | 116 | 128 | 105 | 105 |
| Hillingdon | 191 | 153 | 145 | 176 | 179 | 161 | 144 | 151 | 161 | 151 | 153 | 138 | 128 | 119 |
| Hounslow | 217 | 200 | 156 | 168 | 166 | 165 | 152 | 168 | 138 | 168 | 148 | 146 | 149 | 140 |
| Kingston upon Thames | 123 | 92 | 106 | 96 | 94 | 98 | 83 | 80 | 96 | 62 | 92 | 79 | 88 | 54 |
| Merton | 185 | 122 | 147 | 134 | 113 | 106 | 109 | 126 | 111 | 91 | 118 | 126 | 116 | 94 |
| Redbridge | 192 | 174 | 197 | 169 | 169 | 153 | 171 | 154 | 132 | 151 | 151 | 135 | 119 | 107 |
| Richmond upon Thames | 135 | 106 | 98 | 92 | 100 | 99 | 113 | 100 | 97 | 87 | 75 | 74 | 71 | 73 |
| Sutton | 168 | 145 | 154 | 137 | 145 | 141 | 134 | 106 | 102 | 85 | 103 | 96 | 92 | 96 |
| Waltham Forest | 274 | 231 | 184 | 213 | 199 | 175 | 160 | 169 | 125 | 142 | 162 | 162 | 157 | 159 |

## Table 3.8 Dwelling fire related fatalities, by London borough, since 2000

*number*

| | 2000 | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Dwelling fire fatalities** | **51** | **53** | **50** | **46** | **37** | **39** | **26** | **23** | **38** | **100** | **38** | **30** | **29** | **45** |
| **Inner London** | **21** | **23** | **22** | **18** | **17** | **24** | **10** | **12** | **20** | **85** | **16** | **14** | **14** | **17** |
| Camden | 2 | 2 | 2 | – | 2 | 2 | – | 1 | 2 | 3 | 2 | – | 2 | – |
| City of London | – | – | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Hackney | 5 | 4 | 2 | 1 | 2 | 1 | 2 | 1 | 1 | 1 | – | 2 | 1 | – |
| Hammersmith and Fulham | 1 | – | 2 | 2 | 2 | 4 | – | 2 | 1 | – | 3 | 2 | – | 2 |
| Haringey | – | 2 | 2 | 2 | – | 2 | 1 | – | 2 | 2 | 2 | 1 | – | 4 |
| Islington | 1 | 2 | 3 | – | 2 | 1 | – | – | 3 | – | 2 | 1 | – | 3 |
| Kensington and Chelsea | 2 | – | – | – | 1 | – | – | – | 1 | 72 | 3 | 1 | 2 | – |
| Lambeth | 1 | 4 | 1 | 1 | 2 | 1 | – | 2 | 1 | 3 | 1 | 1 | 2 | 1 |
| Lewisham | – | 3 | 3 | 2 | 1 | 1 | 4 | – | 1 | – | 1 | – | 1 | – |
| Newham | 3 | 1 | 1 | 2 | – | 3 | 1 | 3 | 1 | 1 | – | 1 | 2 | 1 |
| Southwark | 1 | 1 | 2 | 4 | 2 | 2 | – | 1 | 3 | – | – | 1 | 2 | 1 |
| Tower Hamlets | 3 | – | 1 | 2 | 1 | 1 | 1 | 1 | – | 1 | – | 1 | 1 | 1 |
| Wandsworth | 2 | 2 | 2 | 1 | – | 3 | – | 1 | 3 | 1 | 2 | 3 | 1 | – |
| Westminster | – | 2 | 1 | 1 | 2 | 2 | 1 | – | 1 | 1 | – | – | – | 4 |
| **Outer London** | **30** | **30** | **28** | **28** | **20** | **15** | **16** | **11** | **18** | **15** | **22** | **16** | **15** | **28** |
| Barking and Dagenham | – | 1 | 1 | – | 1 | – | 1 | – | 1 | 2 | 1 | 1 | – | 1 |
| Barnet | 2 | 1 | 2 | 1 | 1 | – | – | – | – | 1 | 1 | 2 | 1 | 2 |
| Bexley | 3 | – | 1 | – | – | – | – | 1 | – | – | – | 1 | 1 | 4 |
| Brent | – | 1 | 1 | 8 | 3 | 1 | – | 1 | 1 | – | – | 2 | 4 | 1 |
| Bromley | 5 | – | 4 | 2 | 3 | – | 1 | – | 2 | 1 | 1 | 2 | 1 | – |
| Croydon | 1 | 2 | 3 | 1 | 2 | – | 3 | 2 | 1 | – | – | 1 | – | 1 |
| Ealing | 1 | 2 | 4 | 2 | 2 | – | 1 | 3 | 2 | 1 | – | 2 | 1 | 1 |
| Enfield | 2 | 1 | 1 | – | 1 | 3 | 1 | – | 1 | 2 | 2 | – | 1 | 1 |
| Greenwich | 2 | – | 2 | 2 | – | 2 | 2 | – | 2 | 1 | 2 | – | 2 | 3 |
| Harrow | 3 | 1 | 2 | – | – | – | 2 | – | – | – | 3 | – | – | – |
| Havering | – | – | – | 1 | 2 | 1 | – | – | 1 | 4 | – | – | 1 | 1 |
| Hillingdon | – | 10 | – | 1 | 1 | 2 | – | – | – | 1 | 1 | – | – | – |
| Hounslow | – | 2 | 1 | 1 | 1 | 3 | 1 | 2 | 1 | – | 1 | 2 | 1 | – |
| Kingston upon Thames | 2 | 1 | – | 2 | – | – | 1 | – | 1 | – | 2 | – | – | – |
| Merton | – | – | 1 | – | – | – | – | – | 1 | – | 1 | 1 | 1 | 1 |
| Redbridge | 3 | – | 2 | 2 | – | – | 1 | 1 | 1 | – | 2 | – | – | 1 |
| Richmond upon Thames | 1 | 1 | – | – | 2 | – | – | – | 1 | – | 2 | – | – | – |
| Sutton | 2 | 2 | 1 | – | – | 2 | – | 1 | 1 | 1 | 2 | – | 1 | 9 |
| Waltham Forest | 3 | 5 | 2 | 5 | 1 | 1 | 2 | – | 1 | 1 | 1 | 2 | – | 2 |

## Table 3.9 Dwelling fire injuries, by London borough, since 2005

*number*

| | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Dwelling fire injuries** | **1 120** | **1 081** | **1 048** | **959** | **865** | **800** | **827** | **731** | **807** | **720** | **664** | **580** | **596** |
| **Inner London** | **516** | **557** | **473** | **442** | **400** | **411** | **382** | **323** | **417** | **310** | **284** | **265** | **286** |
| Camden | 26 | 26 | 38 | 26 | 37 | 21 | 20 | 15 | 16 | 10 | 15 | 22 | 14 |
| City of London | 1 | 1 | – | 1 | – | 3 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| Hackney | 50 | 54 | 40 | 50 | 23 | 25 | 30 | 29 | 26 | 33 | 28 | 16 | 18 |
| Hammersmith and Fulham | 36 | 24 | 11 | 21 | 17 | 24 | 12 | 22 | 17 | 11 | 26 | 10 | 15 |
| Haringey | 44 | 40 | 54 | 45 | 22 | 46 | 33 | 13 | 34 | 30 | 11 | 15 | 18 |
| Islington | 27 | 35 | 29 | 12 | 21 | 22 | 14 | 24 | 22 | 46 | 33 | 17 | 23 |
| Kensington and Chelsea | 28 | 38 | 14 | 28 | 8 | 11 | 41 | 23 | 104 | 15 | 8 | 18 | 20 |
| Lambeth | 46 | 39 | 42 | 46 | 42 | 43 | 39 | 34 | 25 | 23 | 9 | 20 | 31 |
| Lewisham | 58 | 72 | 38 | 58 | 62 | 34 | 35 | 35 | 31 | 35 | 51 | 23 | 20 |
| Newham | 60 | 57 | 50 | 32 | 29 | 34 | 22 | 36 | 43 | 25 | 17 | 26 | 24 |
| Southwark | 25 | 38 | 55 | 32 | 49 | 40 | 47 | 40 | 28 | 26 | 19 | 21 | 33 |
| Tower Hamlets | 51 | 49 | 17 | 39 | 34 | 28 | 32 | 13 | 24 | 15 | 17 | 29 | 27 |
| Wandsworth | 25 | 48 | 44 | 30 | 31 | 45 | 36 | 27 | 27 | 23 | 26 | 23 | 28 |
| Westminster | 39 | 36 | 41 | 22 | 25 | 35 | 20 | 12 | 20 | 18 | 24 | 24 | 14 |
| **Outer London** | **604** | **524** | **575** | **517** | **465** | **391** | **445** | **408** | **390** | **410** | **380** | **315** | **310** |
| Barking and Dagenham | 35 | 35 | 21 | 36 | 30 | 22 | 18 | 26 | 24 | 34 | 11 | 11 | 11 |
| Barnet | 33 | 32 | 35 | 26 | 30 | 18 | 27 | 26 | 28 | 24 | 24 | 18 | 11 |
| Bexley | 25 | 19 | 27 | 18 | 9 | 8 | 18 | 23 | 20 | 21 | 15 | 12 | 17 |
| Brent | 43 | 44 | 47 | 34 | 33 | 39 | 48 | 33 | 25 | 30 | 16 | 25 | 24 |
| Bromley | 25 | 19 | 33 | 26 | 19 | 15 | 19 | 16 | 15 | 27 | 34 | 26 | 23 |
| Croydon | 49 | 48 | 54 | 67 | 47 | 46 | 46 | 28 | 31 | 30 | 51 | 25 | 39 |
| Ealing | 67 | 31 | 34 | 31 | 32 | 43 | 30 | 32 | 25 | 32 | 40 | 28 | 34 |
| Enfield | 41 | 34 | 38 | 32 | 40 | 36 | 46 | 39 | 47 | 21 | 19 | 15 | 11 |
| Greenwich | 27 | 26 | 34 | 40 | 38 | 16 | 29 | 19 | 25 | 20 | 24 | 28 | 29 |
| Harrow | 32 | 37 | 28 | 13 | 18 | 7 | 7 | 20 | 13 | 13 | 13 | 8 | 8 |
| Havering | 13 | 16 | 14 | 23 | 15 | 23 | 15 | 13 | 21 | 27 | 17 | 21 | 11 |
| Hillingdon | 32 | 19 | 34 | 27 | 18 | 18 | 22 | 33 | 18 | 21 | 16 | 21 | 18 |
| Hounslow | 31 | 37 | 38 | 33 | 31 | 16 | 28 | 15 | 24 | 12 | 21 | 20 | 17 |
| Kingston upon Thames | 15 | 12 | 12 | 13 | 16 | 8 | 9 | 8 | 4 | 11 | 4 | 6 | 5 |
| Merton | 14 | 20 | 17 | 7 | 10 | 9 | 22 | 18 | 13 | 11 | 12 | 11 | 10 |
| Redbridge | 30 | 47 | 42 | 30 | 25 | 21 | 23 | 26 | 12 | 24 | 18 | 13 | 14 |
| Richmond upon Thames | 23 | 11 | 11 | 20 | 7 | 8 | 10 | 5 | 9 | 11 | 11 | 6 | 7 |
| Sutton | 23 | 17 | 24 | 24 | 14 | 18 | 10 | 10 | 15 | 21 | 9 | 9 | 10 |
| Waltham Forest | 46 | 20 | 32 | 17 | 33 | 20 | 18 | 18 | 21 | 20 | 25 | 12 | 11 |

# Chapter 4 | Fires in other buildings

This chapter looks at fires in other buildings – buildings which are not dwellings and which are either:

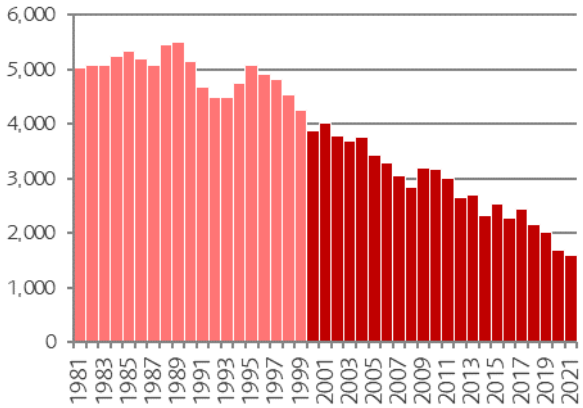
- 'other residential' – places such as care homes and student halls; or
- 'non-residential' – primarily commercial and public buildings, but also includes private outbuildings (like sheds).

In recent years, primary fires in other buildings have accounted for 11 per cent of all the fires, and 21 per cent of all primary fires.

## Trend in other building fires

Based on official estimates[6], the number of fires in other buildings were at their highest in 1989 when there were 5,495 fires that year. Since 2000, fires in other buildings have reduced by around 60 per cent [Chart 24]

**Chart 24: Fires in other buildings, 1981 to 2021**




## Other residential building fires

(Table 4.1)
Nearly half of the fires in other residential buildings occurred in accommodation providing care for elderly people. There are very few fire deaths in other residential buildings, averaging at one each year.

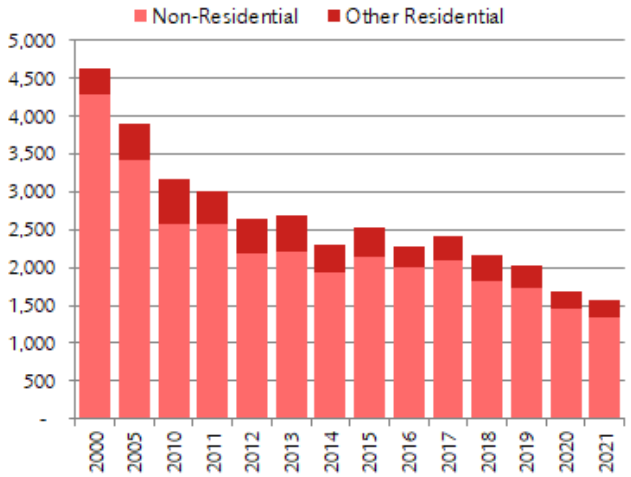
Additionally, roughly half of all injuries (in other residential buildings) took place in properties that were used to provide care for the elderly.

(Table 4.3)
Just under half of the fires in other residential buildings were caused by cooking; smaller proportions were started by smoking (17 per cent) , and by electrical supplies and wiring (9 per cent).

## Non-residential building fires

A very high proportion of the primary fires in other buildings in recent years occurred in non-residential buildings. On average, there have been 1,409 more fires in non-residential properties than in other residential buildings in the last five years. [Chart 25]

**Chart 25: Fires in other buildings, proportion of residential and non-residential buildings, since 2000**




(Table 4.2)

Nearly a quarter of non-residential property fires in recent years started in out-buildings, such as private garages and sheds.

Around one fifth of the fires happened in commercial retail buildings and places providing food or drink.

[6] Official estimates based on Home Office fire statistics, reconciled to Brigade totals 1981-1999.

However, just under a third of the fire injuries happened in places providing food or drink (at 28 per cent). Additionally, retail buildings accounted for 17 per cent and private sheds/garages at 21 per cent of injuries.

In 2020 to 2021, many of these non-residential property types will have faced restricted access to the public due to the Coronavirus pandemic. With the exception of private garages/sheds, there was a 24 per cent reduction in the number of fires in all other non-residential buildings compared to 2019.

## Table 4.1 Fires in other residential buildings, since 2010

*number*

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fires in other residential buildings** | **591** | **446** | **472** | **480** | **386** | **378** | **287** | **329** | **327** | **294** | **233** | **230** |
| Hotel/motel | 79 | 58 | 60 | 65 | 54 | 56 | 53 | 53 | 53 | 46 | 39 | 51 |
| Retirement/Old Persons Home | 96 | 79 | 120 | 145 | 111 | 88 | 84 | 82 | 90 | 76 | 56 | 50 |
| Hostel (e.g. for homeless people) | 96 | 68 | 64 | 68 | 66 | 69 | 41 | 54 | 59 | 32 | 35 | 44 |
| Nursing/Care Home/Hospice | 99 | 80 | 85 | 80 | 58 | 67 | 39 | 60 | 45 | 59 | 43 | 36 |
| Student Hall of Residence | 85 | 75 | 46 | 60 | 50 | 39 | 32 | 31 | 49 | 43 | 22 | 22 |
| Other Residential Home | 31 | 13 | 18 | 15 | 9 | 23 | 14 | 19 | 8 | 13 | 14 | 10 |
| Boarding House/B&B for homeless/asylum seekers | 9 | 11 | 11 | 8 | 9 | 8 | 9 | 7 | 12 | 9 | 7 | 5 |
| Children's Home | 9 | 4 | 8 | 2 | 1 | 4 | 2 | 6 | – | 2 | 5 | 5 |
| Boarding House/B&B other | 4 | 2 | 2 | 1 | 3 | 1 | 3 | 1 | 3 | 5 | 2 | 3 |
| Nurses'/Doctors' accommodation | 19 | 7 | 8 | 12 | 9 | 15 | 5 | 2 | 3 | 2 | 3 | 1 |
| Youth hostel | 9 | 6 | 10 | 6 | 4 | 6 | 3 | 6 | 3 | 2 | 4 | 1 |
| Military/barracks | 1 | 3 | | 1 | 3 | – | – | 3 | 1 | – | – | 1 |
| Monastery/convent | 1 | – | 1 | – | – | – | – | – | – | 1 | – | 1 |
| Sheltered Housing : not self contained | 50 | 40 | 38 | 12 | 6 | – | – | – | – | – | – | – |
| Boarding School accommodation | – | – | – | 1 | 2 | 1 | 1 | – | – | – | – | – |
| Towing caravan/Camper van on site | 3 | | 1 | 3 | 1 | – | 1 | 5 | 1 | 2 | 1 | – |
| Other holiday residence (cottage, flat, chalet) | – | – | – | 1 | – | 1 | – | – | – | 2 | 2 | – |
| **No. of fire related fatalities** | **3** | **1** | **1** | **1** | **–** | **2** | **1** | **–** | **2** | **–** | **–** | **–** |
| Nursing/Care Home/Hospice | 3 | 1 | – | – | – | 1 | 1 | – | – | – | – | – |
| Retirement/Old Persons Home | – | – | 1 | – | – | – | – | – | – | – | – | – |
| Hotel/motel | – | – | – | 1 | – | 1 | – | – | 1 | – | – | – |
| Other Residential Home | – | – | – | – | – | – | – | – | 1 | – | – | – |
| **No. of fire injuries** | **34** | **48** | **34** | **35** | **20** | **30** | **25** | **1** | **24** | **21** | **12** | **21** |
| Hostel (e.g. for homeless people) | 6 | 13 | 1 | 6 | – | 7 | 1 | – | 3 | – | 1 | 7 |
| Retirement/Old Persons Home | 6 | 8 | 11 | 14 | 8 | 9 | 12 | – | 6 | 8 | 2 | 6 |
| Hotel/motel | 3 | 3 | 8 | 7 | 3 | 1 | 7 | – | 4 | 1 | 1 | 4 |
| Student Hall of Residence | 3 | 3 | 2 | – | 3 | – | 3 | – | 3 | 1 | 4 | 2 |
| Nursing/Care Home/Hospice | 8 | 7 | 6 | 5 | 3 | 4 | 1 | – | 3 | 9 | 2 | 1 |
| Youth hostel | – | – | – | – | 1 | – | – | – | – | – | – | 1 |
| Sheltered Housing : not self contained | 3 | 8 | 3 | 1 | – | – | – | – | – | – | – | – |
| Other Residential Home | 2 | 4 | 2 | 1 | 1 | 5 | – | – | – | 1 | 2 | – |
| Boarding House/B&B for homeless/asylum seekers | 3 | 2 | 1 | – | – | 2 | – | – | 1 | – | – | – |
| Nurses'/Doctors' accommodation | – | – | – | 1 | 1 | 1 | – | – | – | 1 | – | – |
| Children's Home | – | – | – | – | – | – | – | 1 | – | – | – | – |
| Boarding House/B&B other | – | – | – | – | – | 1 | 1 | – | – | – | – | – |
| Towing caravan/Camper van on site | – | – | – | – | – | – | – | – | 4 | – | – | – |

## Table 4.2 Fires in non-residential buildings, since 2010

*number*

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fires in non-residential buildings** | **2 566** | **2 565** | **2 180** | **2 213** | **1 925** | **2 144** | **1 993** | **2 096** | **1 827** | **1 730** | **1 456** | **1 350** |
| Non Residential (including Private garages/ sheds) | 544 | 575 | 444 | 455 | 387 | 468 | 427 | 438 | 422 | 375 | 431 | 341 |
| Retail | 485 | 490 | 455 | 430 | 333 | 375 | 343 | 401 | 341 | 293 | 256 | 249 |
| Food and Drink | 376 | 354 | 328 | 336 | 322 | 357 | 346 | 372 | 321 | 310 | 224 | 227 |
| Offices and call centres | 212 | 259 | 208 | 221 | 172 | 173 | 172 | 176 | 158 | 138 | 97 | 94 |
| Public admin, security and safety | 109 | 102 | 86 | 98 | 116 | 134 | 127 | 109 | 68 | 107 | 79 | 72 |
| Education | 146 | 145 | 122 | 140 | 110 | 113 | 92 | 123 | 103 | 101 | 57 | 60 |
| Hospitals and medical care | 192 | 157 | 139 | 152 | 129 | 123 | 109 | 96 | 97 | 81 | 68 | 52 |
| Transport buildings | 82 | 73 | 74 | 52 | 51 | 63 | 81 | 102 | 49 | 63 | 44 | 48 |
| Industrial Manufacturing | 53 | 69 | 52 | 56 | 67 | 53 | 52 | 48 | 45 | 41 | 31 | 36 |
| Entertainment and culture | 107 | 97 | 74 | 55 | 49 | 69 | 73 | 62 | 57 | 42 | 35 | 32 |
| Public Utilities | 48 | 42 | 35 | 36 | 26 | 27 | 25 | 37 | 20 | 30 | 19 | 30 |
| Car Parks | 28 | 18 | 13 | 23 | 20 | 22 | 22 | 14 | 15 | 14 | 15 | 26 |
| Warehouses and bulk storage | 63 | 66 | 46 | 47 | 41 | 51 | 35 | 28 | 39 | 40 | 39 | 21 |
| Industrial Processing | 30 | 34 | 26 | 38 | 34 | 38 | 25 | 28 | 34 | 35 | 22 | 21 |
| Sporting venues | 49 | 43 | 33 | 37 | 40 | 42 | 47 | 38 | 31 | 30 | 20 | 19 |
| Religious | 30 | 28 | 34 | 30 | 22 | 29 | 13 | 20 | 26 | 26 | 10 | 18 |
| Permanent Agricultural | 9 | 6 | 8 | 5 | 4 | 4 | 2 | 1 | 1 | 2 | 4 | 4 |
| Animal boarding/breeding/kennels (not farm) | 3 | 7 | 3 | 2 | 2 | 3 | 2 | 3 | – | 2 | 5 | – |
| **No. of fire related fatalities** | **5** | **–** | **–** | **3** | **1** | **1** | **4** | **–** | **2** | **2** | **–** | **1** |
| Non Residential (including Private garages/ sheds) | 4 | – | – | – | – | – | 2 | – | – | – | – | 1 |
| Sports pavilion/shower block/changing facility | – | – | – | – | 1 | – | – | – | – | – | – | – |
| Community centre/Hall | – | – | – | 1 | – | – | – | – | – | – | – | – |
| TV/film/music/art studio | 1 | – | – | – | – | – | – | – | – | – | – | – |
| Other private non-residential building | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Vehicle Repair Workshop | – | – | – | 1 | – | – | – | – | – | – | – | – |
| Local Government Office | – | – | – | – | – | – | – | – | 1 | – | – | – |
| Other building/use not known | – | – | – | – | – | – | 1 | – | – | – | – | – |
| Mosque | – | – | – | – | – | 1 | – | – | – | – | – | – |
| Club/night club | – | – | – | – | – | – | 1 | – | – | – | – | – |
| Hospitals and medical care | – | – | – | – | – | – | – | – | – | 1 | – | – |
| Warehouses and bulk storage | – | – | – | – | – | – | – | – | 1 | 1 | – | – |

## Table 4.2 (continued) Fires in non-residential buildings, since 2010

*number*

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **No. of fire injuries** | **86** | **79** | **103** | **114** | **116** | **81** | **94** | **111** | **73** | **55** | **61** | **65** |
| Non Residential (including Private garages/ sheds) | 15 | 20 | 18 | 20 | 14 | 7 | 13 | 17 | 15 | 7 | 17 | 21 |
| Food and Drink | 22 | 16 | 28 | 30 | 42 | 23 | 31 | 38 | 24 | 9 | 19 | 11 |
| Retail | 14 | 14 | 21 | 21 | 12 | 9 | 11 | 25 | 13 | 6 | 7 | 11 |
| Public admin, security and safety | 13 | 5 | 12 | 9 | 11 | 14 | 12 | 10 | 8 | 10 | 4 | 9 |
| Industrial Manufacturing | 1 | 6 | – | 2 | 6 | 3 | 2 | 2 | 2 | 1 | 4 | 4 |
| Industrial Processing | – | 3 | 2 | 5 | 3 | 1 | 1 | 5 | 1 | – | – | 3 |
| Hospitals and medical care | 3 | 5 | 2 | 11 | 9 | 6 | 13 | 4 | 6 | 3 | 5 | 1 |
| Offices and call centres | 6 | 1 | 3 | 8 | 9 | 8 | 8 | 5 | 1 | 3 | 1 | 1 |
| Entertainment and culture | 3 | – | 6 | 3 | – | 1 | – | – | 1 | – | – | 1 |
| Sporting venues | 2 | 2 | 5 | – | – | 2 | – | 1 | – | – | – | 1 |
| Religious | – | – | 3 | 2 | 2 | 1 | 1 | 1 | – | 4 | – | 1 |
| Transport buildings | 1 | 1 | – | – | 3 | – | – | – | – | 1 | 1 | 1 |
| Education | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 1 | 10 | 2 | – |
| Warehouses and bulk storage | 3 | – | 1 | 2 | 2 | 5 | – | 1 | 1 | 1 | – | – |
| Public Utilities | 1 | 2 | – | – | – | – | – | – | – | – | – | – |
| Car Parks | – | 1 | – | – | 1 | – | – | – | – | – | – | – |
| Permanent Agricultural | – | 1 | – | – | – | – | – | – | – | – | 1 | – |

## Table 4.3 Fires in other buildings, by source of ignition, since 2010

*number*

| | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fires in other buildings** | **3 157** | **3 011** | **2 652** | **2 693** | **2 311** | **2522** | **2280** | **2425** | **2154** | **2 024** | **1 689** | **1 580** |
| **Fires in other residential buildings** | **591** | **446** | **472** | **480** | **386** | **378** | **287** | **329** | **327** | **294** | **233** | **230** |
| Cooking appliance | 300 | 224 | 248 | 263 | 204 | *186* | *149* | 142 | 151 | 137 | 105 | 85 |
| Smoking related | 72 | 65 | 61 | 66 | 46 | *61* | *43* | 42 | 51 | 53 | 42 | 47 |
| Other domestic style appliance | 31 | 23 | 23 | 18 | 23 | *9* | *14* | 23 | 23 | 16 | 9 | 20 |
| Electricity supply | 40 | 30 | 30 | 32 | 31 | *31* | *25* | 36 | 30 | 25 | 24 | 16 |
| Other sources | 27 | 12 | 18 | 10 | 16 | *14* | *14* | 16 | 18 | 15 | 9 | 16 |
| Naked flame | 41 | 32 | 28 | 21 | 12 | *17* | *11* | 16 | 15 | 6 | 11 | 15 |
| Heating equipment | 20 | 10 | 11 | 13 | 10 | *8* | *7* | 8 | 12 | 6 | 7 | 11 |
| Matches and candles | 22 | 21 | 15 | 21 | 18 | *27* | *15* | 28 | 12 | 16 | 18 | 10 |
| Electric lighting | 19 | 16 | 20 | 23 | 18 | *15* | *6* | 11 | 8 | 16 | 4 | 4 |
| Industrial equipment | 11 | 12 | 12 | 9 | 6 | *4* | *3* | 4 | 6 | 2 | 3 | 3 |
| Fuel/Chemical | 7 | 1 | 5 | 4 | 1 | *5* | – | 2 | – | 1 | 1 | 2 |
| Office equipment | – | – | 1 | – | 1 | *1* | – | 1 | 1 | 1 | – | 1 |
| Vehicles only | 1 | – | – | – | – | – | – | – | – | – | – | – |
| **Fires in non-residential buildings** | **2 566** | **2 565** | **2 180** | **2 213** | **1 925** | **2 144** | **1 993** | **2 096** | **1 827** | **1 730** | **1 456** | **1 350** |
| Other sources | 293 | 296 | 253 | 255 | 266 | 295 | 262 | 303 | 329 | 291 | 304 | 273 |
| Electricity supply | 514 | 472 | 443 | 485 | 392 | *404* | *428* | 424 | 350 | 348 | 256 | 269 |
| Smoking related | 305 | 341 | 292 | 284 | 276 | *373* | *302* | 345 | 276 | 274 | 220 | 183 |
| Cooking appliance | 296 | 280 | 282 | 285 | 245 | *243* | *247* | 269 | 229 | 202 | 170 | 174 |
| Naked flame | 350 | 386 | 240 | 191 | 143 | *177* | *171* | 145 | 110 | 108 | 96 | 80 |
| Matches and candles | 158 | 166 | 129 | 123 | 125 | *152* | *139* | 113 | 95 | 108 | 89 | 68 |
| Electric lighting | 191 | 175 | 184 | 172 | 138 | *161* | *126* | 136 | 123 | 113 | 78 | 65 |
| Industrial equipment | 146 | 144 | 120 | 154 | 130 | *119* | *113* | 120 | 119 | 84 | 62 | 61 |
| Heating equipment | 99 | 92 | 77 | 116 | 69 | *65* | *70* | 99 | 74 | 75 | 63 | 60 |
| Other domestic style appliance | 99 | 109 | 97 | 85 | 77 | *85* | *76* | 87 | 77 | 79 | 59 | 56 |
| Fuel/Chemical | 83 | 72 | 35 | 43 | 36 | *45* | *41* | 36 | 27 | 30 | 36 | 34 |
| Office equipment | 18 | 16 | 17 | 15 | 25 | *17* | *10* | 9 | 11 | 15 | 15 | 13 |
| Vehicles only | 12 | 10 | 10 | 5 | 2 | *7* | *7* | 8 | 6 | 3 | 8 | 13 |
| Bombs and explosives | 2 | 6 | 1 | – | 1 | *1* | *1* | 2 | 1 | – | – | 1 |

## Table 4.4 Fires in other residential buildings, by borough, since 2005

*number*

| | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fires in other residential buildings** | **491** | **591** | **446** | **472** | **480** | **386** | 378 | **287** | **329** | **327** | **294** | **233** | **230** |
| **Inner London** | **305** | **328** | **250** | **258** | **274** | **220** | **196** | **148** | **177** | **189** | **149** | **123** | **114** |
| Camden | 66 | 41 | 29 | 27 | 56 | 32 | 32 | 15 | 17 | 29 | 23 | 19 | 12 |
| City of London | – | 2 | 1 | 4 | 1 | | 6 | 2 | 3 | 2 | 2 | 1 | 1 |
| Hackney | 14 | 11 | 16 | 14 | 11 | 13 | 15 | 6 | 16 | 11 | 6 | 8 | 10 |
| Hammersmith and Fulham | 16 | 21 | 9 | 7 | 7 | 7 | 7 | 9 | 10 | 3 | 2 | 6 | 9 |
| Haringey | 5 | 19 | 9 | 12 | 13 | 8 | 5 | 2 | 4 | 7 | 8 | 7 | 6 |
| Islington | 24 | 27 | 20 | 13 | 14 | 17 | 13 | 7 | 10 | 16 | 11 | 9 | 13 |
| Kensington and Chelsea | 11 | 17 | 15 | 20 | 17 | 15 | 13 | 8 | 11 | 9 | 6 | 1 | 3 |
| Lambeth | 33 | 24 | 33 | 38 | 24 | 25 | 25 | 16 | 15 | 18 | 12 | 10 | 10 |
| Lewisham | 11 | 16 | 22 | 18 | 12 | 20 | 11 | 11 | 14 | 18 | 11 | 11 | 8 |
| Newham | 11 | 17 | 12 | 8 | 17 | 8 | 6 | 7 | 9 | 12 | 10 | 8 | 6 |
| Southwark | 15 | 41 | 29 | 22 | 29 | 15 | 22 | 18 | 20 | 18 | 13 | 14 | 11 |
| Tower Hamlets | 25 | 19 | 10 | 18 | 15 | 12 | 6 | 11 | 15 | 9 | 19 | 6 | 4 |
| Wandsworth | 9 | 16 | 17 | 16 | 21 | 15 | 12 | 10 | 8 | 13 | 8 | 6 | 9 |
| Westminster | 65 | 57 | 28 | 41 | 37 | 33 | 23 | 26 | 25 | 24 | 18 | 17 | 12 |
| **Outer London** | **186** | **263** | **196** | **214** | **206** | **166** | **182** | **139** | **152** | **138** | **145** | **110** | **116** |
| Barking and Dagenham | 6 | 4 | 6 | 3 | 3 | 1 | 4 | 1 | 3 | 2 | 4 | 2 | 3 |
| Barnet | 23 | 18 | 9 | 19 | 14 | 9 | 11 | 6 | 7 | 7 | 9 | 6 | 16 |
| Bexley | 7 | 9 | 6 | 3 | 4 | 4 | 6 | 5 | 5 | 4 | 7 | 4 | 3 |
| Brent | 13 | 12 | 21 | 15 | 22 | 17 | 13 | 12 | 13 | 13 | 14 | 6 | 8 |
| Bromley | 8 | 15 | 7 | 20 | 15 | 12 | 9 | 5 | 6 | 7 | 5 | 7 | 2 |
| Croydon | 20 | 27 | 20 | 20 | 23 | 17 | 23 | 16 | 13 | 8 | 17 | 13 | 8 |
| Ealing | 16 | 23 | 16 | 12 | 13 | 13 | 16 | 14 | 14 | 8 | 6 | 7 | 6 |
| Enfield | 6 | 20 | 8 | 13 | 11 | 9 | 11 | 8 | 7 | 8 | 5 | 7 | 6 |
| Greenwich | 8 | 15 | 12 | 17 | 18 | 16 | 14 | 7 | 7 | 9 | 9 | 9 | 9 |
| Harrow | 8 | 10 | 8 | 9 | 8 | 8 | 2 | 6 | 6 | 6 | 7 | 4 | 2 |
| Havering | 6 | 12 | 11 | 8 | 7 | 7 | 7 | 5 | 8 | 7 | 9 | 2 | 5 |
| Hillingdon | 17 | 15 | 10 | 11 | 13 | 14 | 11 | 18 | 15 | 7 | 12 | 9 | 7 |
| Hounslow | 6 | 18 | 12 | 10 | 7 | 8 | 8 | 8 | 19 | 9 | 13 | 10 | 5 |
| Kingston upon Thames | 16 | 17 | 12 | 11 | 8 | 6 | 9 | 7 | 4 | 11 | 4 | 7 | 6 |
| Merton | 7 | 7 | 2 | 7 | 6 | 2 | 2 | 2 | 1 | 5 | 2 | 0 | 2 |
| Redbridge | 4 | 6 | 13 | 8 | 4 | 4 | 15 | 8 | 8 | 9 | 7 | 6 | 11 |
| Richmond upon Thames | 5 | 17 | 7 | 7 | 8 | 9 | 7 | 4 | 5 | 8 | 6 | 2 | 9 |
| Sutton | 2 | 14 | 5 | 8 | 9 | 2 | 5 | 4 | 6 | 6 | 4 | 3 | 4 |
| Waltham Forest | 8 | 4 | 11 | 13 | 13 | 8 | 9 | 3 | 5 | 4 | 5 | 6 | 4 |

## Table 4.5 Fires in non-residential buildings, by borough, since 2005

*number*

| | 2005 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fires in non-residential buildings** | **2 936** | **2 566** | **2 565** | **2 180** | **2 213** | **1 925** | **2 144** | **1 993** | **2 096** | **1 827** | **1 730** | **1 456** | **1 350** |
| **Inner London** | **1 482** | **1 260** | **1 217** | **1 092** | **1 104** | **936** | **1 013** | **850** | **804** | **850** | **804** | **632** | **640** |
| Camden | 143 | 132 | 110 | 102 | 121 | 82 | 103 | 82 | 82 | 82 | 82 | 43 | 47 |
| City of London | 47 | 46 | 71 | 49 | 57 | 46 | 44 | 44 | 42 | 44 | 42 | 24 | 25 |
| Hackney | 86 | 68 | 81 | 60 | 76 | 52 | 62 | 51 | 37 | 51 | 37 | 48 | 36 |
| Hammersmith and Fulham | 78 | 62 | 63 | 60 | 48 | 52 | 59 | 45 | 54 | 45 | 54 | 53 | 30 |
| Haringey | 86 | 69 | 69 | 48 | 46 | 45 | 44 | 47 | 58 | 47 | 58 | 35 | 51 |
| Islington | 100 | 66 | 79 | 72 | 57 | 71 | 57 | 61 | 49 | 61 | 49 | 40 | 50 |
| Kensington and Chelsea | 56 | 56 | 46 | 45 | 45 | 31 | 46 | 35 | 39 | 35 | 39 | 27 | 22 |
| Lambeth | 118 | 88 | 86 | 79 | 81 | 66 | 54 | 54 | 42 | 54 | 42 | 25 | 38 |
| Lewisham | 70 | 68 | 72 | 51 | 52 | 48 | 37 | 49 | 33 | 49 | 33 | 47 | 38 |
| Newham | 111 | 81 | 72 | 69 | 83 | 58 | 79 | 68 | 64 | 68 | 64 | 63 | 51 |
| Southwark | 107 | 96 | 100 | 75 | 66 | 67 | 64 | 58 | 47 | 58 | 47 | 34 | 45 |
| Tower Hamlets | 123 | 92 | 85 | 83 | 87 | 64 | 72 | 53 | 53 | 53 | 53 | 49 | 45 |
| Wandsworth | 97 | 90 | 81 | 80 | 86 | 70 | 107 | 51 | 68 | 51 | 68 | 48 | 58 |
| Westminster | 260 | 246 | 202 | 219 | 199 | 184 | 185 | 152 | 136 | 152 | 136 | 96 | 104 |
| **Outer London** | **1 454** | **1 306** | **1 348** | **1 088** | **1 109** | **989** | **1 083** | **977** | **926** | **977** | **926** | **824** | **710** |
| Barking and Dagenham | 104 | 55 | 68 | 54 | 42 | 41 | 47 | 47 | 33 | 47 | 33 | 34 | 30 |
| Barnet | 71 | 61 | 82 | 70 | 50 | 51 | 68 | 65 | 59 | 65 | 59 | 48 | 42 |
| Bexley | 60 | 64 | 74 | 42 | 47 | 47 | 60 | 50 | 41 | 50 | 41 | 41 | 16 |
| Brent | 85 | 66 | 75 | 69 | 73 | 66 | 67 | 73 | 66 | 73 | 66 | 48 | 33 |
| Bromley | 79 | 67 | 77 | 64 | 65 | 46 | 43 | 47 | 51 | 47 | 51 | 46 | 31 |
| Croydon | 104 | 109 | 113 | 60 | 80 | 75 | 65 | 63 | 60 | 63 | 60 | 60 | 51 |
| Ealing | 111 | 107 | 102 | 81 | 93 | 63 | 72 | 68 | 60 | 68 | 60 | 62 | 43 |
| Enfield | 83 | 84 | 89 | 71 | 83 | 71 | 81 | 58 | 41 | 58 | 41 | 40 | 62 |
| Greenwich | 96 | 60 | 83 | 77 | 61 | 68 | 64 | 57 | 57 | 57 | 57 | 51 | 57 |
| Harrow | 38 | 50 | 47 | 38 | 40 | 35 | 36 | 37 | 33 | 37 | 33 | 30 | 34 |
| Havering | 69 | 70 | 72 | 37 | 47 | 44 | 46 | 52 | 34 | 52 | 34 | 36 | 45 |
| Hillingdon | 119 | 110 | 118 | 112 | 91 | 91 | 124 | 77 | 89 | 77 | 89 | 64 | 55 |
| Hounslow | 108 | 106 | 75 | 74 | 78 | 66 | 62 | 58 | 83 | 58 | 83 | 56 | 42 |
| Kingston upon Thames | 57 | 48 | 23 | 29 | 34 | 40 | 40 | 30 | 35 | 30 | 35 | 29 | 15 |
| Merton | 42 | 47 | 37 | 47 | 50 | 36 | 35 | 33 | 30 | 33 | 30 | 37 | 29 |
| Redbridge | 69 | 81 | 51 | 42 | 43 | 43 | 61 | 54 | 43 | 54 | 43 | 51 | 37 |
| Richmond upon Thames | 34 | 33 | 50 | 29 | 43 | 22 | 31 | 31 | 31 | 31 | 31 | 20 | 27 |
| Sutton | 49 | 37 | 58 | 44 | 51 | 34 | 40 | 33 | 37 | 33 | 37 | 30 | 28 |
| Waltham Forest | 76 | 51 | 54 | 48 | 38 | 50 | 41 | 44 | 43 | 44 | 43 | 41 | 33 |

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