

COMMUNITY RISK MANAGEMENT PLAN 2021-2025

STATION RISK PROFILE 2021 WORCESTER

(Updated October 2021)



HEREFORD & WORCESTER
HWFR
FIRE AND RESCUE SERVICE

Station Risk Profile 2021

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Foreword

The Station Risk Profiles provide local detail about fire and other risks in each of the Service's 25 fire station areas. They include information about each fire station and the types of incidents they attend, and highlight the main areas at risk of accidental dwelling fire and other life risk incidents. Each Profile provides supporting information for the Mid-Point Review of the Community Risk Management Plan (CRMP) 2021-2025. Where appropriate, figures used in the Profiles are rounded to the nearest 100.

The Station Risk Profiles should be read in conjunction with two other supporting documents: the CRMP Risk Review 2018, which provides a spatial analysis of life risk data across the two counties, and the CRMP Demographic Profile 2018, which provides information about the characteristics of the local population. All documents can be found on the Service website.

1 Introduction

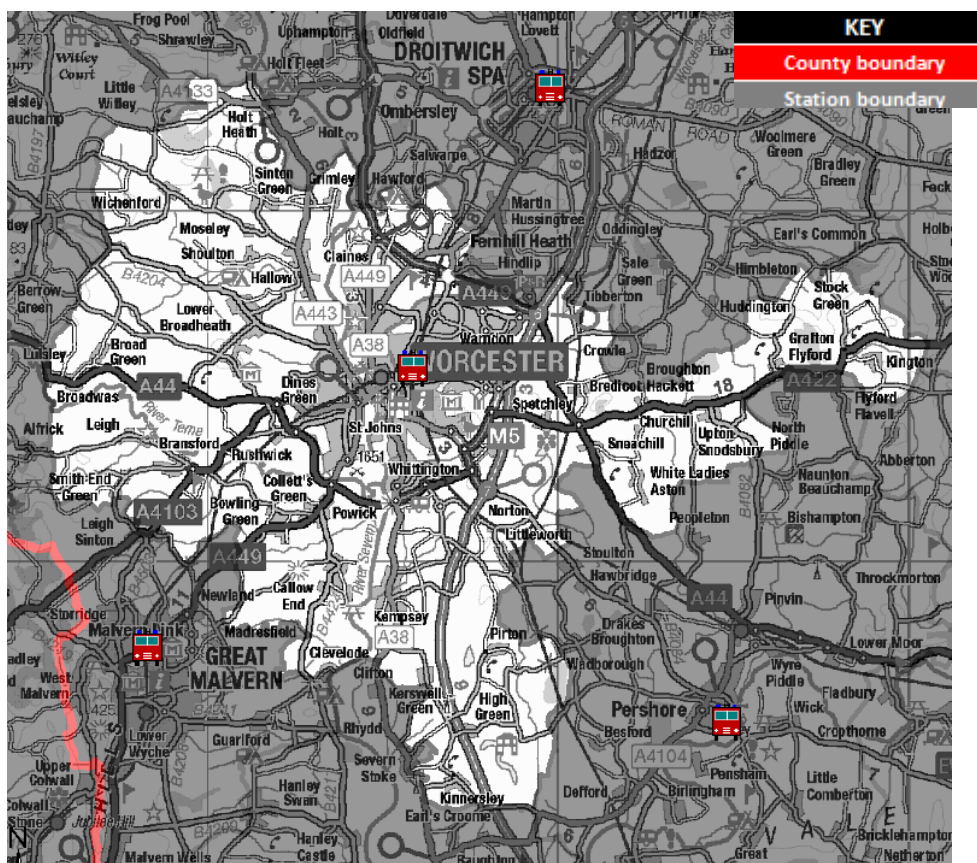
- 1.1 Station Risk Profiles are reviews of potential life risks in each of the Fire and Rescue Service's 25 fire station areas. They form part of the CRMP Risk Review, which looks at the major life risk incidents across the two counties - Accidental Dwelling Fires and Road Traffic Collisions.
- 1.1 The Station Risk Profiles use the information presented in the CRMP Risk Review 2018 to provide a focused overview of the risks within each station area. They include a review of the types of incidents attended, and provide maps highlighting areas likely to be at greater risk of Accidental Dwelling Fires (ADFs) and Road Traffic Collisions (RTCs). Other potential risks such as outdoor fires and water incidents are also included where appropriate. Finally, there is an overview of the range of prevention and protection activity to be carried out within the station area, including a list of relevant heritage sites in Section 9.
- 1.2 Station Commanders, crews and the Community Risk department can use the information, in conjunction with the National Fire Chiefs Council Community Risk Calendar (Appendix 1) to inform their planning for prevention and protection work within the station area over a 12 month period.
- 1.3 There are a number of development plans for housing across the two counties up to 2030. Around 50,000 new homes are planned to be built up to 2031, a rate of about 4,500 per year. Most of the housing development is planned for sites within and around the larger urban areas, particularly the two cities of Worcester and Hereford and other main towns. It will be important to monitor the potential impact of this growth on our services, as population and vehicle numbers will continue to increase in these areas over this period. For example, there may be an increased need for more community safety and road safety activities in these areas, and with more traffic on the roads, there may be an impact on how quickly fire engines can reach incidents. Over the next few years, incident numbers and the types of incidents occurring in newly built areas will be monitored to help to assess any potential impact.
- 1.4 The current version of Station Risk Profile (dated October 2021) uses 12 years of incident data (2009/10-2020/21), following data quality control carried out between May 2019 and January 2020. The Fire Risk map has also been updated to include 2019/20 incident data, which is used to help identify those local neighbourhoods at potentially higher fire risk in the station area. This is also cross-referenced against the characteristics of households in station areas using Mosaic data¹, which helps to identify those households at potentially higher fire risk.
- 1.5 Heat maps have also been prepared for RTCs and Water Rescues (where relevant) to highlight areas of potentially higher risk. The heat maps will be updated each year, where appropriate. A full update of the risk maps will also be prepared when new demographic data is available from the 2021 Census, and when updated Mosaic data becomes available.

¹ Mosaic data provides a detailed and accurate understanding of each citizen's location, their demographics, lifestyles and behaviours.

2 Worcester Fire Station Overview

- 2.1 Worcester Fire Station is located at McKenzie Way in the Rainbow Hill area of Worcester just outside the City Centre. The Fire Station covers a large area of around 86 square miles, which houses 127,100 residents² living in 57,400 homes. The latest demographic data for Worcester estimates that 27 per cent residential housing has a head of the household aged over 66.13 per cent of residential households have a single elderly resident³.
- 2.2 The Station has three fire engines (two Pumps and one Heavy Rescue Pump), an Aerial Ladder Platform for incidents where an aerial capability is required and a Water Rescue Vehicle with a boat.
- 2.3 The Station area is the busiest in the two counties with 1,476 incidents in 2020/21, approximately 17 per cent of the Service's total activity. The Station also receives and provides operational support to and from neighbouring Fire Stations as well as to locations further afield if needed.
- 2.4 Map 1 shows a general overview of the Fire Station ground. The shape of the Station ground is based on areas nearest to the Station as determined by the Service's Fire Control.

Map 1: Overview of Worcester Fire Station ground



² Population data is a mid-2019 estimate which can be found on the nomis website.

³ Household estimates are taken from data extracts provided by Experian's Mosaic Public Sector 2019 and demographic data from Experian's Mosaic Public Sector 2018.

Station Crewing Systems

- 2.5 Within Hereford & Worcester Fire and Rescue Service, there are different ways of crewing the Fire Stations. This is determined by the level of risk associated with a Station area and the needs of the local community. The busiest Fire Stations are permanently crewed 24 hours a day (known as the Wholetime Duty System). The less busy Fire Stations are crewed by On-Call firefighters, who live or work locally and can respond to emergency calls quickly when they are needed (known as the Retained Duty System or RDS). The other duty system is called Wholetime Day Duty, where either the Fire Station or a Fire Engine is permanently crewed for 12 hours during the day and by On-Call firefighters at night.
- 2.6 The three fire engines at Worcester Fire Station are crewed by a combination of the Wholetime Duty System, Wholetime Day Duty System and the Retained Duty System. The first fire engine is immediately available 24 hours a day, 7 days a week. The second fire engine is immediately available during the day (between 07:00 and 19:00) 7 days a week then at night an RDS crew responds from home. The third fire engine is RDS crewed and can usually respond within six minutes of the crew being alerted.

3 Incident Overview

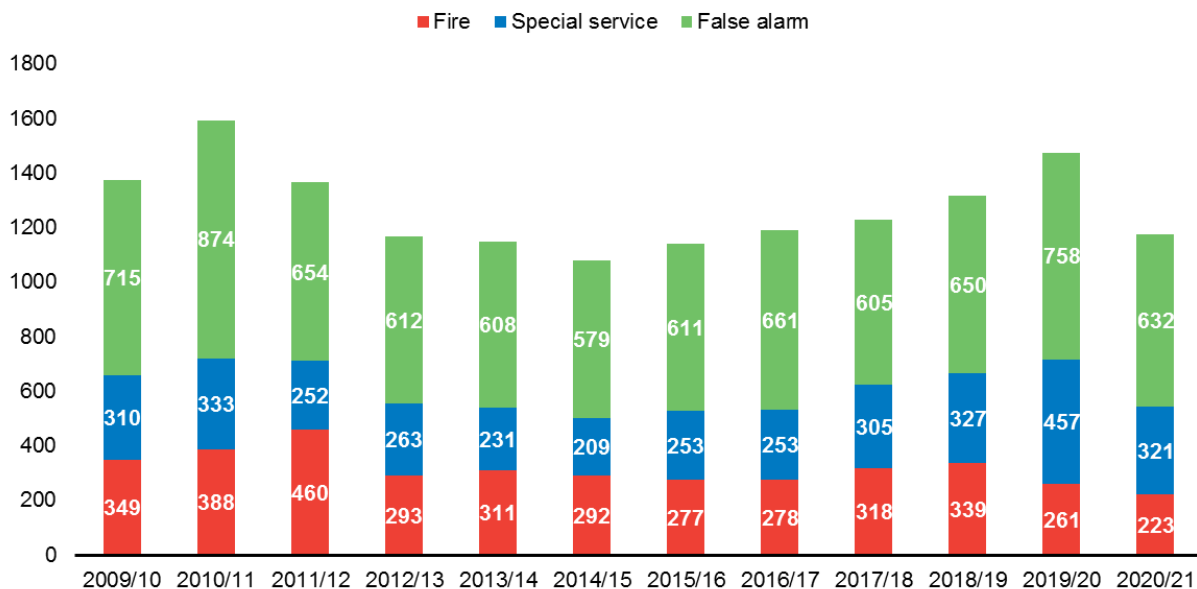
3.1 The Service attends a range of incidents that can be divided into three broad categories; Fires, Special Services and False Alarms. Each category has a range of incidents that pose different types and levels of risk to communities and to the firefighters who tackle them. The categories are shown below:

• Fires	these include dwelling fires, other building fires, outdoor fires and car fires
• Special Services	these incidents are those such as Road Traffic Collisions, flooding, person rescues, spills, leaks and animal rescues
• False Alarms	these are when the Service responds to fire alarms or phone calls where there is no actual incident

3.2 Over the last 12 years (1 April 2009 to 31 March 2021), there were 15,262 incidents within Worcester Fire Station area. A half of these were false alarms (52.15 per cent), one in four was fire (24.83 per cent) and one in four was special service (23.02 per cent). Over the 12 years, there was a gradual increase in the number of incidents attended in each category, with the latest year being a little lower.

3.3 Graph 1 below provides further details.

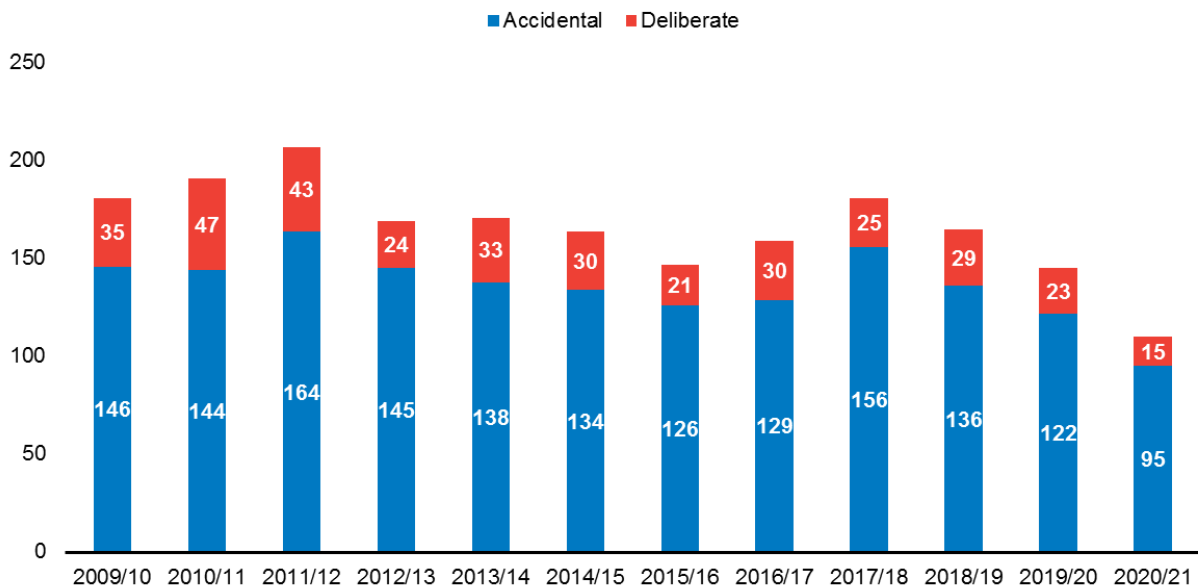
Graph 1: Worcester Fire Station area – Incidents occurred 2009/10 to 2020/21



Fires

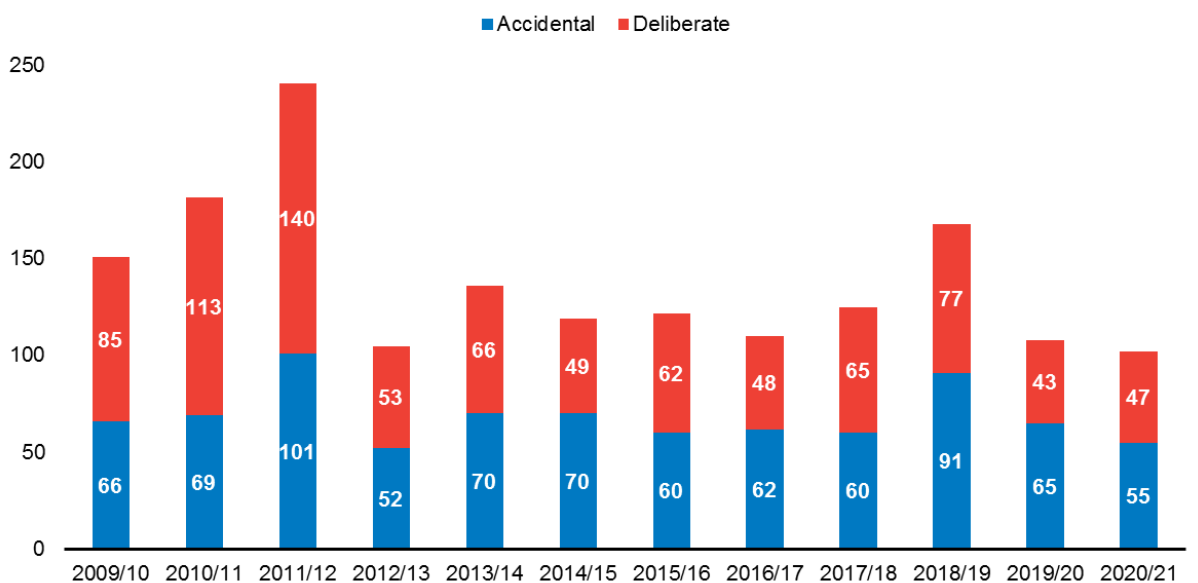
- 3.4 The Fires category is generally broken down into two main types; Primary Fires, which are mainly building fires and vehicle fires, and Secondary Fires, which are outdoor fires affecting areas such as grassland, woodland, crop fields and gardens. Both have seen reductions in the number of incidents attended over the last 12 years. In Worcester Fire Station area the number of Primary Fires was down by 39.23 per cent and Secondary Fires were down by 32.45 per cent.

Graph 2: Worcester Fire Station area - Primary Fires 2009/10 to 2020/21



- 3.5 Graph 2 shows a breakdown of Primary Fires for Worcester Fire Station area over the last 12 years. It shows that the numbers of accidental and deliberate Primary Fires were both showing a downward trend.

Graph 3: Worcester Fire Station area - Secondary Fires 2009/10 to 2020/21

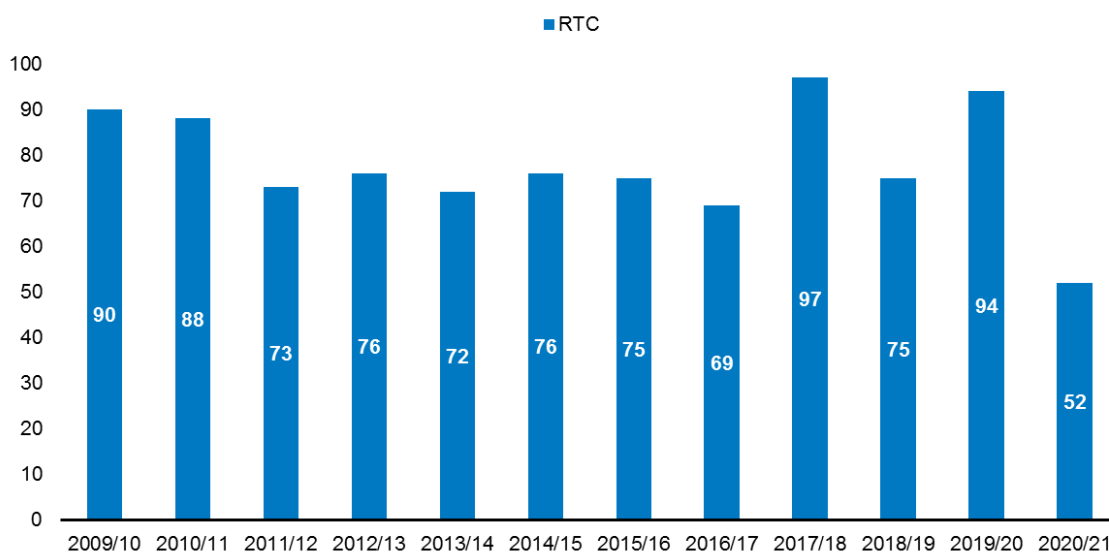


- 3.6 Graph 3 shows a breakdown of Secondary Fires in Worcester Fire Station area over the last 12 years. Secondary Fires mainly involve loose refuse (typically a bin fire) and grassland fires, especially during warm summer months. The graph shows that the numbers of accidental and deliberate Secondary Fires were both showing a downward trend, though the number of deliberate fires fell by the greatest amount (44.71 per cent).
- 3.7 Accidental Dwelling Fires are a particular risk to life for both householders and firefighters. These are discussed further in Section 5 later in this report.

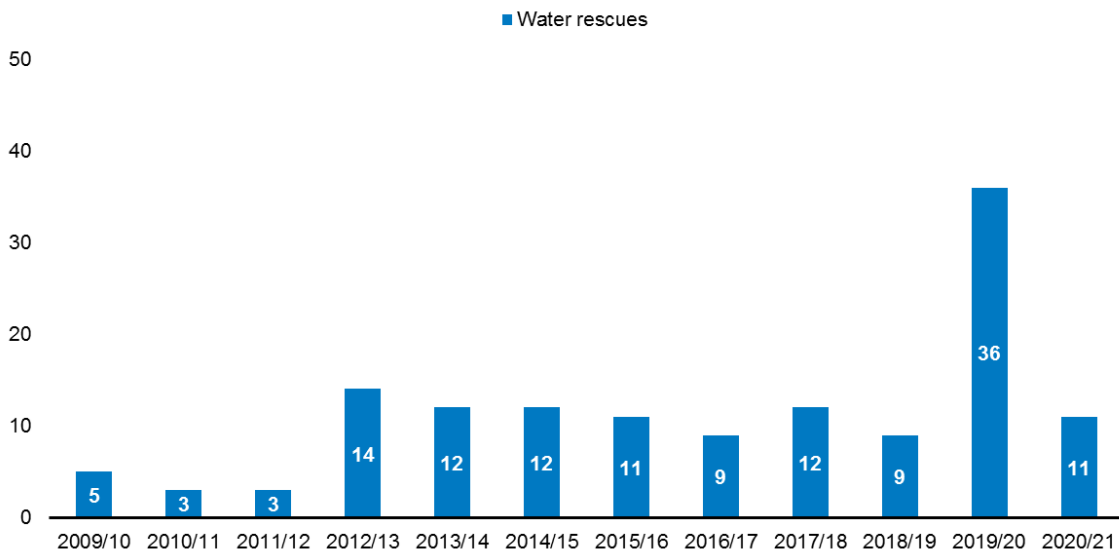
Special Service Incidents

- 3.8 In terms of Special Service incidents, the two main categories for Worcester Fire Station area involving potential risk to life are Road Traffic Collisions (RTCs) and Water Rescues. Over the last 12 years, the number of RTCs recorded have fluctuated but have decreased by 42.22 per cent as shown in Graph 4 below. Over the same period, the number of incidents involving rescues from water fluctuated with a spike in 2019/20 due to the two flooding events which occurred in November 2019 and February 2020. This is shown in Graph 5 below.

Graph 4: Worcester Fire Station area – Road Traffic Collisions 2009/10 to 2020/21



Graph 5: Worcester Fire Station area – Water Rescues 2009/10 to 2020/21

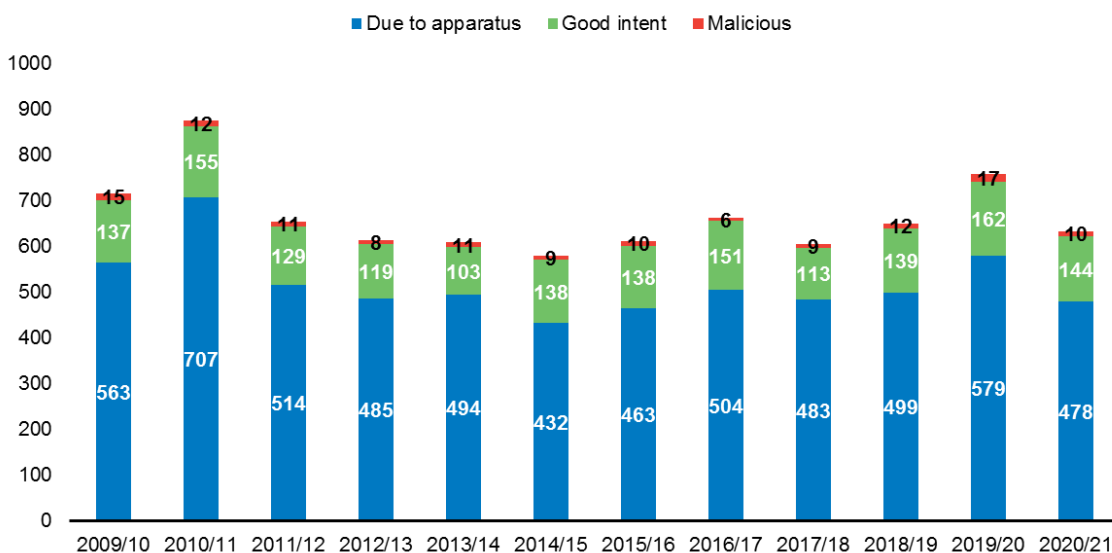


3.9 RTCs and Water Rescues are discussed further in Sections 6 and 7 respectively later in this report.

False Alarm Incidents

3.10 False Alarm incidents are categorised into False Alarm Malicious, False Alarm Good Intent and False Alarm due to Apparatus. Over the last 12 years, the total number of False Alarms recorded decreased by 11.61 per cent as shown in Graph 6 below. The biggest drop was in False Alarm Malicious which dropped by 33.33% of the total False Alarms recorded.

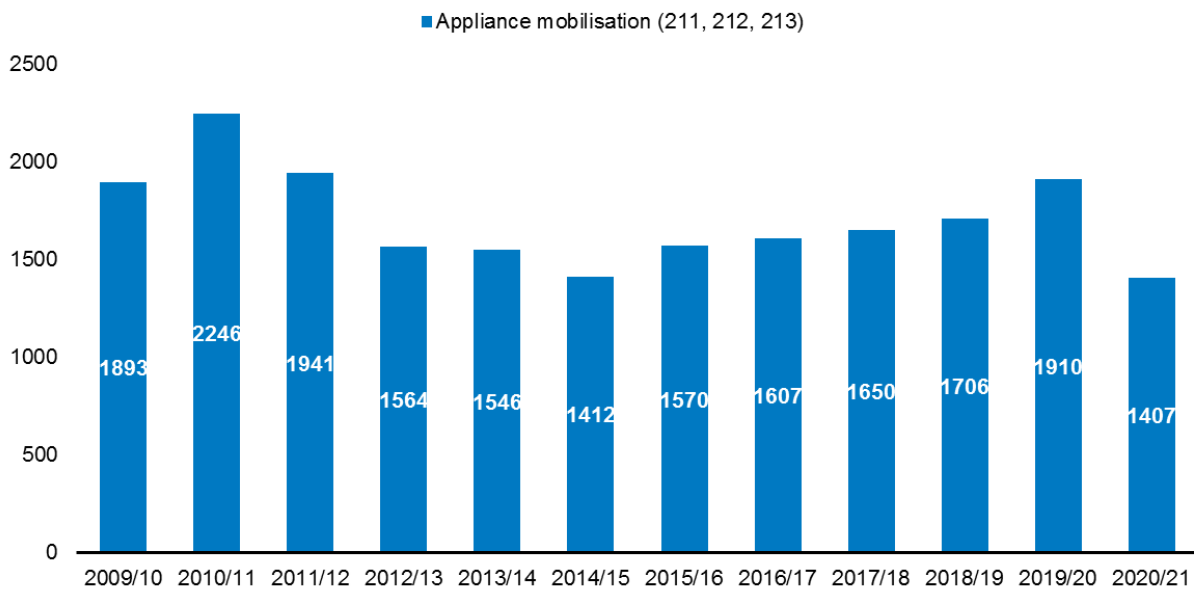
Graph 6: Worcester Fire Station area – False Alarms 2009/10 to 2020/21



Appliance Mobilisation

3.11 Although over the last 12 years (1 April 2009 to 31 March 2021) there were 15,262 incidents within Worcester station area, Worcester's appliances have actually been mobilised 20,452 times. (This figure is a sum of the amount of times the stations appliances have attended an incident, for example, if two appliances from the same station attend one incident, this is counted as two).

Graph 7: Worcester Fire Station Activity 2009/10 to 2020/21



This has been broken down into the Service's area and 'over the border' mobilisations in table below.

Table 1: Worcester's appliances mobilisations 2009/10 – 2020/21

Mobilisation	2009 /10	2010/ 11	2011 /12	2012 /13	2013 /14	2014 /15	2015 /16	2016 /17	2017 /18	2018 /19	2019 /20	2020 /21
1st pump within station area	1669	2028	1723	1366	1312	1234	1356	1391	1404	1419	1573	1255
2nd pump within station area	25	22	28	15	8	8	11	11	12	19	22	4
1st pump in other station areas	107	102	96	110	116	80	81	80	94	123	118	93
2nd pump in other station areas	91	94	94	50	60	48	59	60	55	73	81	55
1st pump over the border	1	0	0	0	0	0	0	0	1	0	0	0
2nd pump over the border	0	0	0	0	0	0	0	0	0	0	0	0
NROB	-	-	-	0	5	1	0	0	2	0	1	
NOTR	-	-	-	23	45	41	63	65	82	72	115	
Total	1893	2246	1941	1564	1546	1412	1570	1607	1650	1706	1910	1407

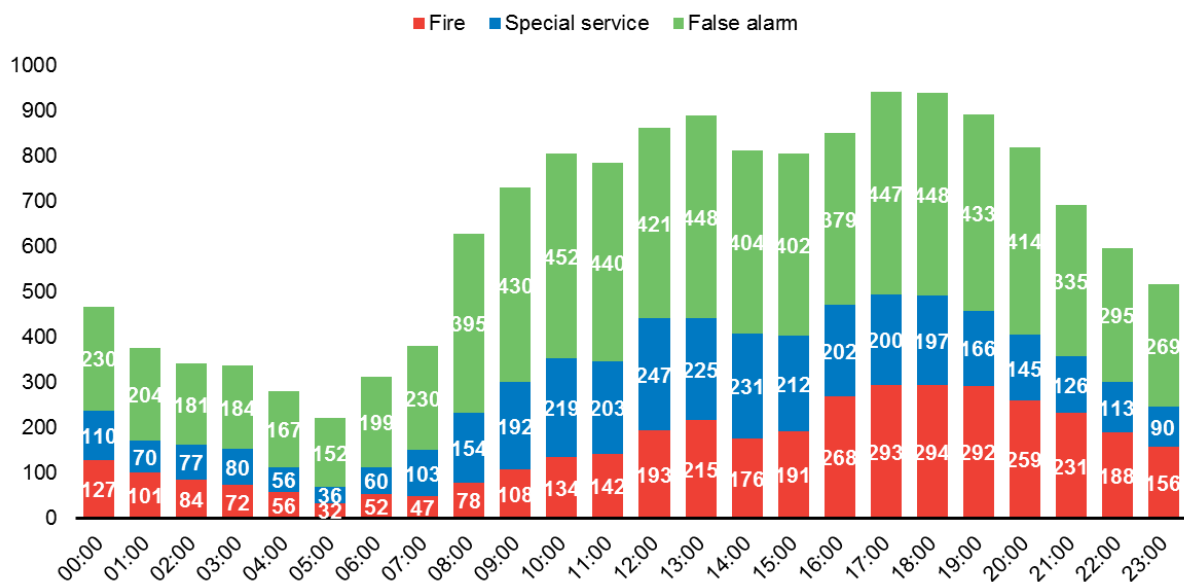
* Mobilisation as second, third, ..., *n* pump

Out of 20,452 Worcester's appliances mobilisations, 17,915 were primarily located within Worcester station area (87.60 per cent), followed by Droitwich's station ground with 4.31 per cent and Pershore with 1.37 per cent.

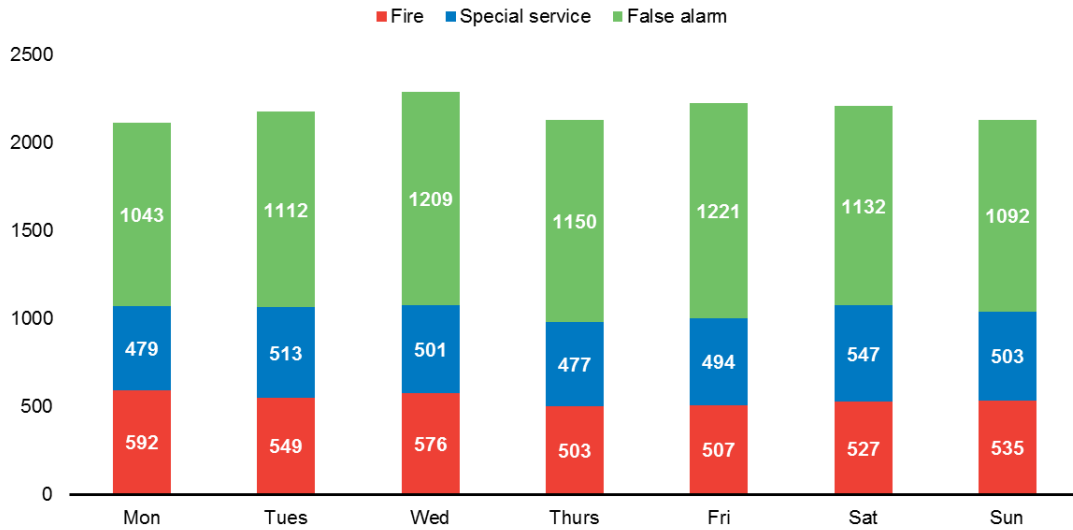
4 Worcester Fire Station Incident Occurrence

- 4.1 It is important for Station Commanders at the Service's Fire Stations to understand when incidents are more likely to happen, so that the right resources can be made available at the right time.
- 4.2 Using the last 12 years of incident data (2009/10 to 2020/21) for Worcester Fire Station area, incidents can be analysed in detail by time, day and month. This can help to identify particular trends, such as if most incidents are occurring during daylight hours which helps Station Commanders in ensuring enough resources are in place.
- 4.3 The following graphs show the specific hours, days of the week and months when incidents occurred in Worcester Fire Station area. Station Commanders will be able to examine the information closely to help identify any trends in incident types or occurrences, so that they can plan to address them with appropriate actions.

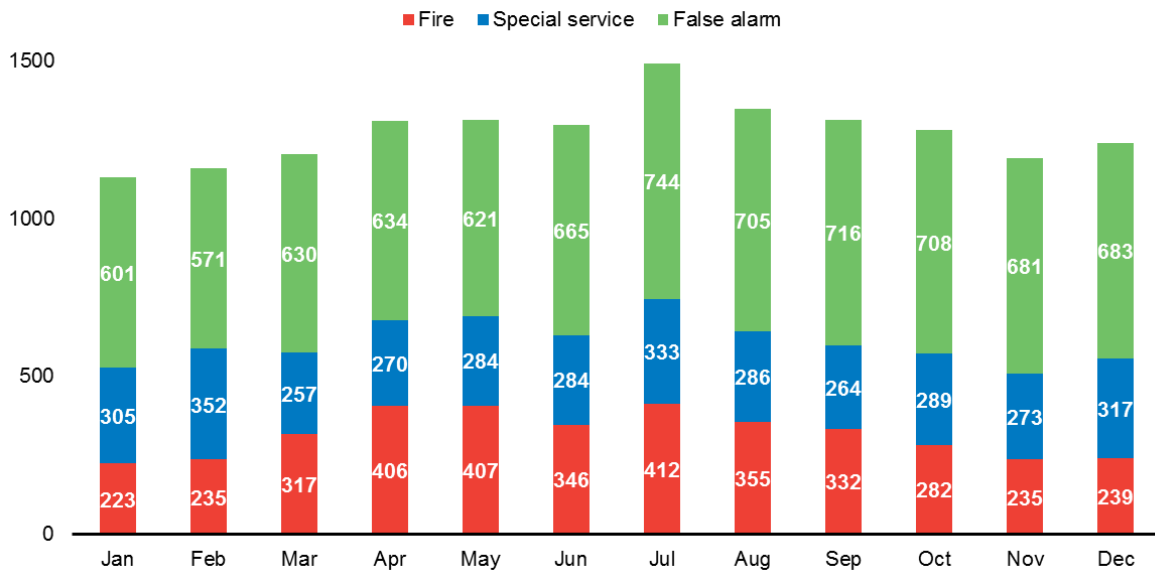
Graph 8: Worcester Fire Station area - Hour of the Day Incidents Occurred 2009/10 to 2020/21



Graph 9: Worcester Fire Station area – Day of the Week Incidents Occurred 2009/10 to 2020/21



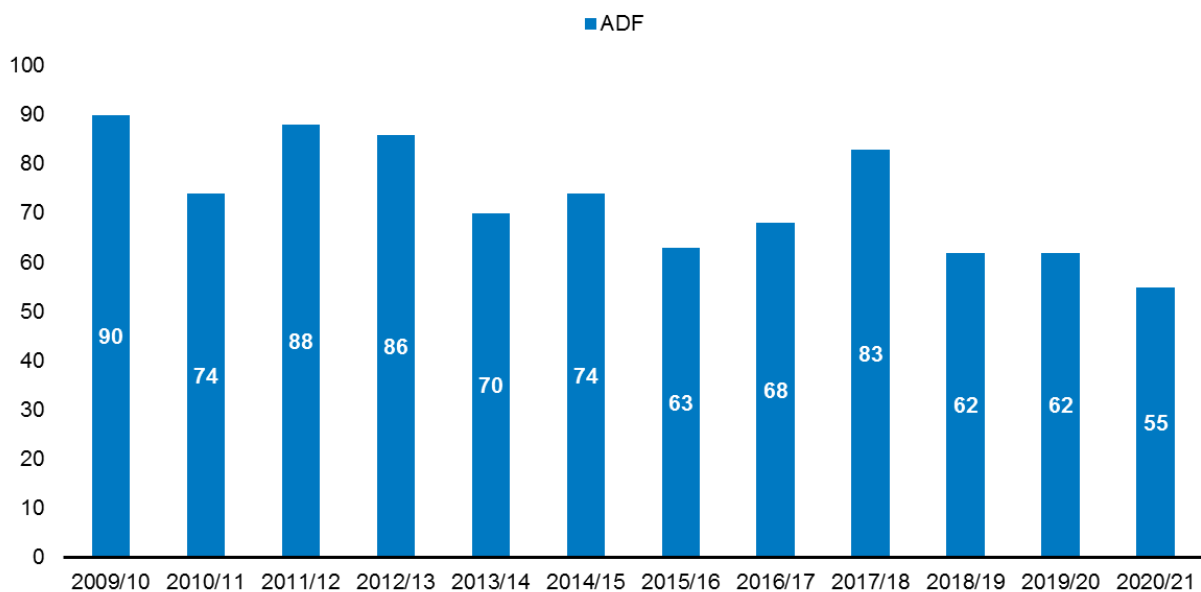
Graph 10: Worcester Fire Station – Month of Year Incidents Occurred 2009/10 to 2020/21



5 Risk Areas In Relation To Accidental Dwelling Fires

- 5.1 This section looks specifically at Accidental Dwelling Fires and the potential risks within Worcester Fire Station area. While the number of Accidental Dwelling Fires is showing a downward trend, as shown in Graph 11 below, the latest figures show that there is still more than one a week in Worcester Fire Station area. In 2020/21, there were 62 Accidental Dwelling Fires, this equates to just under 1 incident per every 1,000 households⁴.
- 5.2 Accidental Dwelling Fires have the potential to pose the risk of serious injury or death for the occupants and also for the firefighters attending the incident.

Graph 11: Worcester Fire Station area – Accidental Dwelling Fires 2009/10 to 2020/21



- 5.3 The CRMP Risk Review 2018 mapped the incidence of Accidental Dwelling Fires across the two counties and assigned risk ratings to highlight those areas that are at high, medium and low fire risk. This was worked out using a sophisticated Fire Risk Model, which is also used by Cumbria and Lancashire Fire and Rescue Services among others. Details of the calculations involved can be found in the CRMP Risk Review document.
- 5.4 The analysis for Worcester Fire Station area shows that some areas were considered to be at medium and high risk. This does not mean that living in a high risk area will lead to someone having an Accidental Dwelling Fire, but it does mean that high risk areas tend to have more fires than would normally be expected. The fire risk areas for 2017/18 to 2019/20 are mapped on Map 2 where the medium risk areas are shown in blue and the high risk areas in red. Table 2 provides a list of those areas within Worcester Fire Station ground that have been considered to be at medium and high risk at some point during the last five years by the Fire Risk Model.

⁴ Household estimates are taken from data extracts provided by Experian's Mosaic Public Sector 2019 and demographic data from Experian's Mosaic Public Sector 2018.

Table 2: Areas most at risk of fire 2015/2018 to 2017/2020

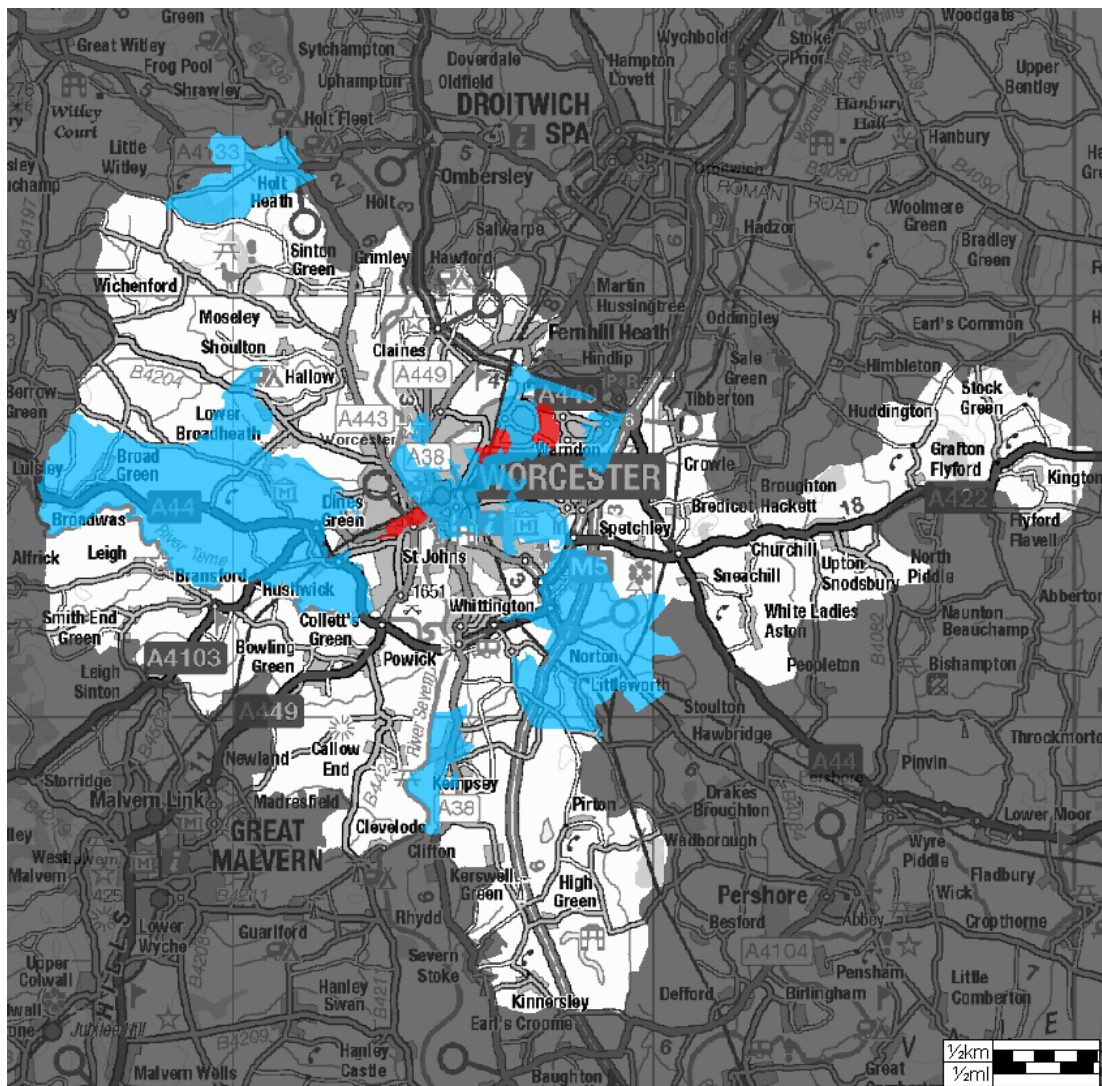
Local Authority	LSOA Name	Local area name	LSOA Mosaic Classification ⁵	Risk Level 2015/2018	Risk Level 2016/2019	Risk Level 2017/2020
Worcester	Gorse Hill	Warndon, Windermere Drive	K Modest Traditions	H	H	H
Worcester	Rainbow Hill	Brickfields Area, Cedar Avenue	J Rental Hubs	M	H	H
Worcester	St John	Our Lady Queen of Peace Area & Cripplegate Park	J Rental Hubs	M	H	H
Worcester	Arboretum	The Arboretum	M Family Basics	M	H	M
Worcester	Rainbow Hill	Tolladine	M Family Basics	H	M	M
Worcester	Warndon	Old Warndon, east of Cranham Drive	O Municipal Tenants	M	M	H
Worcester	Cathedral	City Wall's Road & Lowesmoor	G Rural Reality	H	M	M
Malvern Hills	Kempsey	Kempsey	I Urban Cohesion	M	M	M
Worcester	Cathedral	Part of Wyld's Lane, Stanley Road	J Rental Hubs	M	M	M
Worcester	Claines	Northwick Avenue	J Rental Hubs	M	M	M
Worcester	Gorse Hill	South-West Gorse Hill	M Family Basics	M	M	M
Worcester	Gorse Hill	Old Warndon (Grasmere Drive/Borrowdale Drive Area)	M Family Basics	M	M	M
Worcester	Nunnery	Ronkswood (Canterbury Road Area)	H Aspiring Homemakers	M	M	M
Worcester	Nunnery	Nunnery Wood	M Family Basics	M	M	M
Worcester	Rainbow Hill	King George's Field Area, Tolladine	L Transient Renters	M	M	M
Worcester	Rainbow Hill	Rainbow Hill	M Family Basics	M	M	M
Worcester	St John	Dines Green	H Aspiring Homemakers	M	M	M
Worcester	Warndon	Blackpole	O Municipal Tenants	M	M	M

⁵ LSOA Mosaic classification was assigned by using the most common household characteristic seen in each LSOA using Experian Mosaic Public Sector 2019. More detail on individual postcodes for more accurate targeting can be requested.

Worcester	Warndon	Cranham Primary School Area	M Family Basics	M	M	M
Worcester	Warndon	Brickfields	D Domestic Success	M	M	M
Worcester	Warndon Parish North	M5 Junction 6, Parsonage Way	H Aspiring Homemakers	M	M	M
Wychavon	Norton and Whittington	M5 Junction 7, Whittington Tump	H Aspiring Homemakers	M	M	M
Worcester	Cathedral	City Wall's Road & Lowesmoor	J Rental Hubs	M	M	M
Worcester	Cathedral	Pitchcroft & Britannia Square	J Rental Hubs	M	M	M
Worcester	Cathedral	Victoria Avenue	H Aspiring Homemakers	M	M	M
Worcester	Bedwardine	Bransford Road	B Prestige Positions	M	M	L
Worcester	Claines	Northwick	A Country Living	M	M	L
Wychavon	Upton Snodsbury	Upton Snodsbury & Peopleton	A Country Living	M	M	L
Malvern Hills	Broadheath	Broadwas & Crown East	A Country Living	L	M	M
Malvern Hills	Powick	Deblin's Green & Madresfield	F Senior Security	M	L	L
Worcester	Battenhall	Cherry Orchard Primary School Area	M Family Basics	M	L	L
Worcester	St Stephen	Astwood	M Family Basics	M	L	L
Worcester	St John	Tudor Way	K Modest Traditions	L	M	L
Worcester	Nunnery	Perry Wood Primary School Area	K Modest Traditions	L	L	M

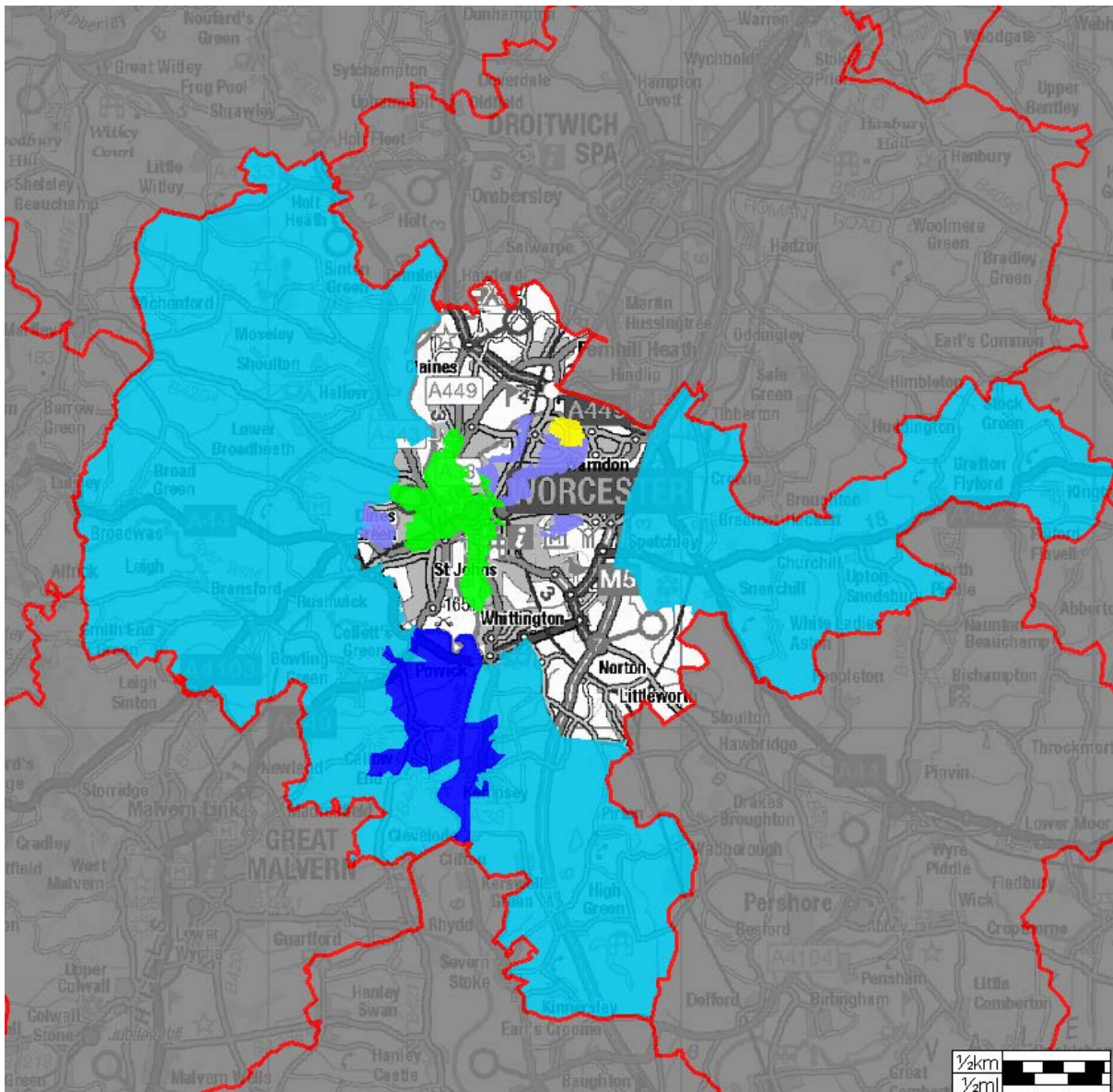
5.5 The local area of Warndon, Windermere Drive has been identified and remains as a high risk area by the Fire Risk model. The most common household characteristic for this area is Modest Traditions. Other local areas Brickfields Area, Cedar Avenue and Our Lady Queen of Peace Area & Cripplegate Park also remain at a high risk, both increasing since 2015/18 and both with the most common household characteristic being Rental Hubs. Other areas that have increased in risk include, Old Warndon, east of Cranham Drive (medium to a high), Broadwas & Crown East and Perry Wood Primary School Area (low to medium). Community Risk activity is recommended particularly in the high risk areas and also in the other areas identified to prevent the fire risk from increasing further. More detailed information on individual households to increase the accuracy of targeting can be requested.

Map 2: Worcester Fire Station area – Risk areas 2017/18 to 2019/20



5.6 In addition to mapping areas at risk, the CRMP Risk Review also examined the characteristics of households that tend to have more Accidental Dwelling Fires than expected given the relative number of households in each group – that is, Groups A, C, G, J, M, N, and O. When examining these groups in detail, it can be seen that those households share characteristics of higher levels of dependency, disadvantage and vulnerability (Groups M, N and O), they are now being joined by households in the less populated rural areas (Groups A and G). Group C has not been mapped and further details on this can be found in the CRMP Risk Review, instead focus has been on six groups (A, G, J, M, N and O) and these are shown on Map 3. They correlate closely with the risk areas identified in Map 2.

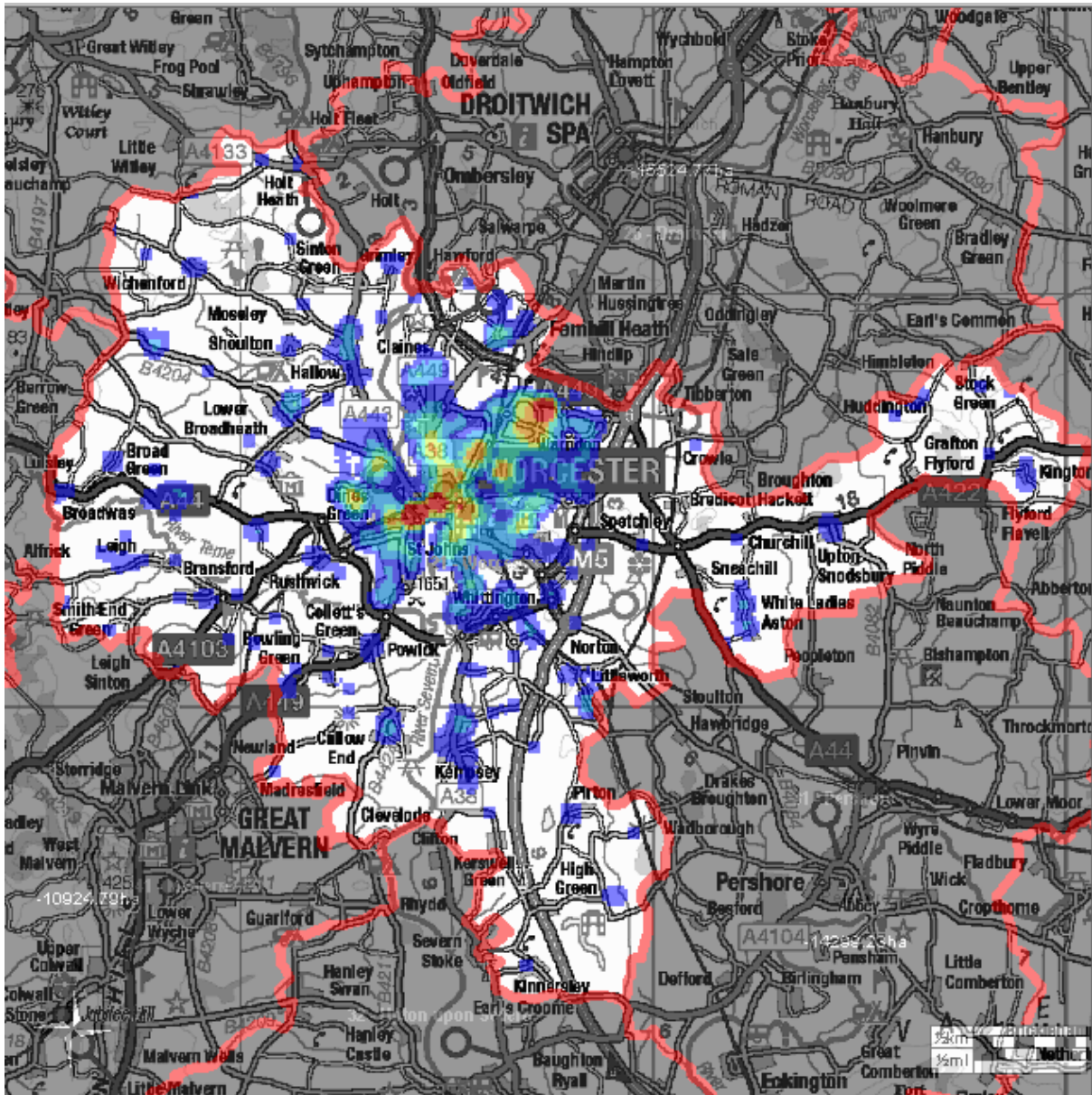
Map 3: At risk LSOA's by Mosaic Group 2017/18 to 2019/20



- A – Country Living
- G – Rural Reality
- J – Rental Hubs
- M – Family Basics
- N – Vintage Value
- O – Municipal Challenge

5.7 More information on these Mosaic group types can be found in the CRMP Fire Risk Review.

Map 4: Worcester Fire Station area – Accidental Dwelling Fires (2009/10 to 2020/21)



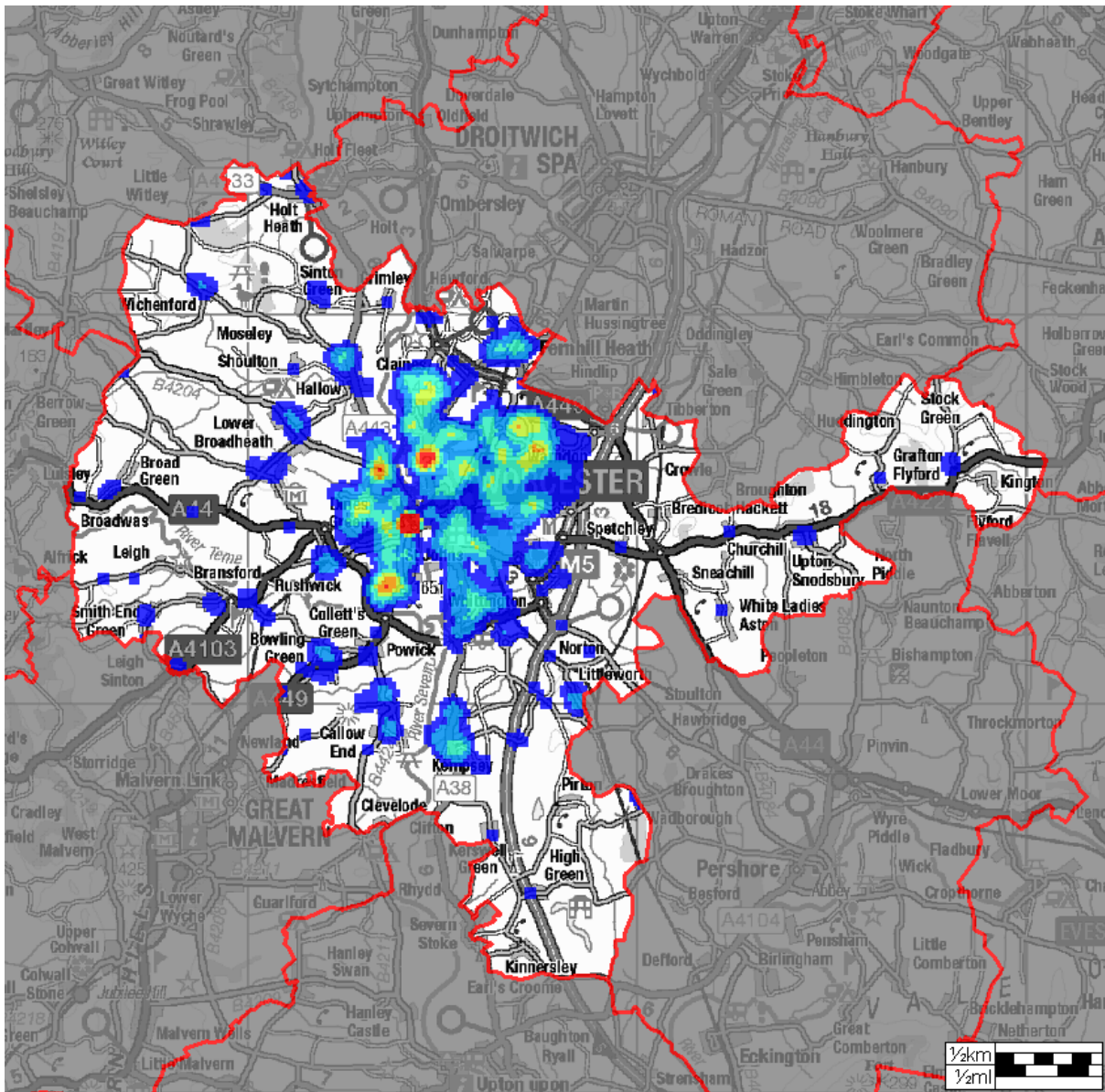
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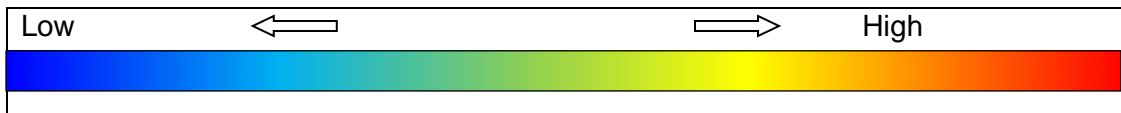
5.8 Map 4 shows the concentration of Accidental Dwelling Fires in Worcester Station area showing data between (2009/10 to 2020/21). This correlates with

- 5.9 Map 5 which shows where the Community Risk department has been targeting Safe and Well Checks between 2017/18 to 2019/20.
- 5.10 Mapping Accidental Dwelling Fires and those households that tend to have more Accidental Fires than others provides Station Commanders and Community Risk officers with valuable information that will help to prioritise how they target their prevention and protection activities. When examining the local areas at potential risk, the maps can be expanded to show street level information about households and risks. Additional information about how to best contact those households at potential risk will also be available through the Community Risk department.

Map 5: Community Risk Activity – Safe and Well Checks 2017/18 to 2019/20



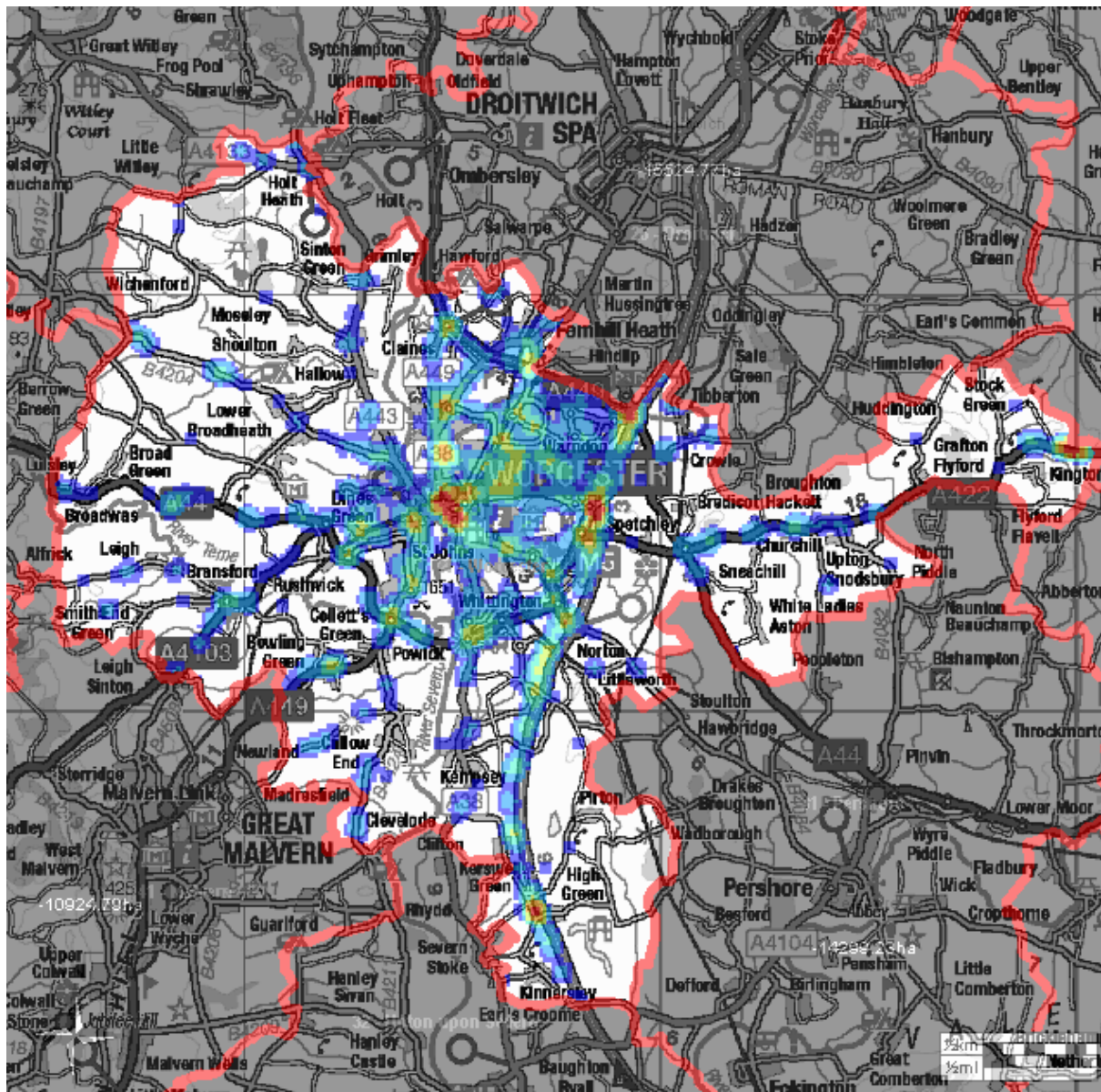
Key



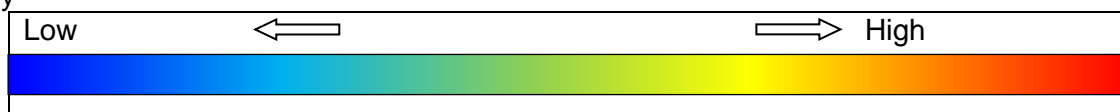
6 Road Traffic Collision Incidents

6.1 The CRMP Risk Review 2018 identified Worcester Fire Station area as a medium risk area for Road Traffic Collisions (RTCs) in 2017/18 – 2019/20. This was determined using a risk model based on the number of RTC incidents attended and the severity of those incidents in terms of injury to persons. Map 4 below shows the location of all RTCs that occurred within Worcester Fire Station area over the last 12 years (2009/10 to 2020/21) at 100 m grid cell. The hotspots tend to be concentrated in Worcester City Centre and along the M5 motorway and its junctions.

Map 6: Worcester Fire Station area – RTC Hotspots 2009/10 to 2020/21



Key



- 6.2 The map shows hotspots ranging from **high** (i.e. where RTCs occurred most frequently) graduating to **low** (i.e. where RTCs occurred least frequently). Where no colour is shown, this indicates that HWFRS have not attended any RTC incidents in the last 12 years.
- 6.3 The maps can be expanded to show individual roads and the location and type of each RTC incident attended. This will provide Station Commanders and Community Risk officers with important data when working with local authority and road safety partners.

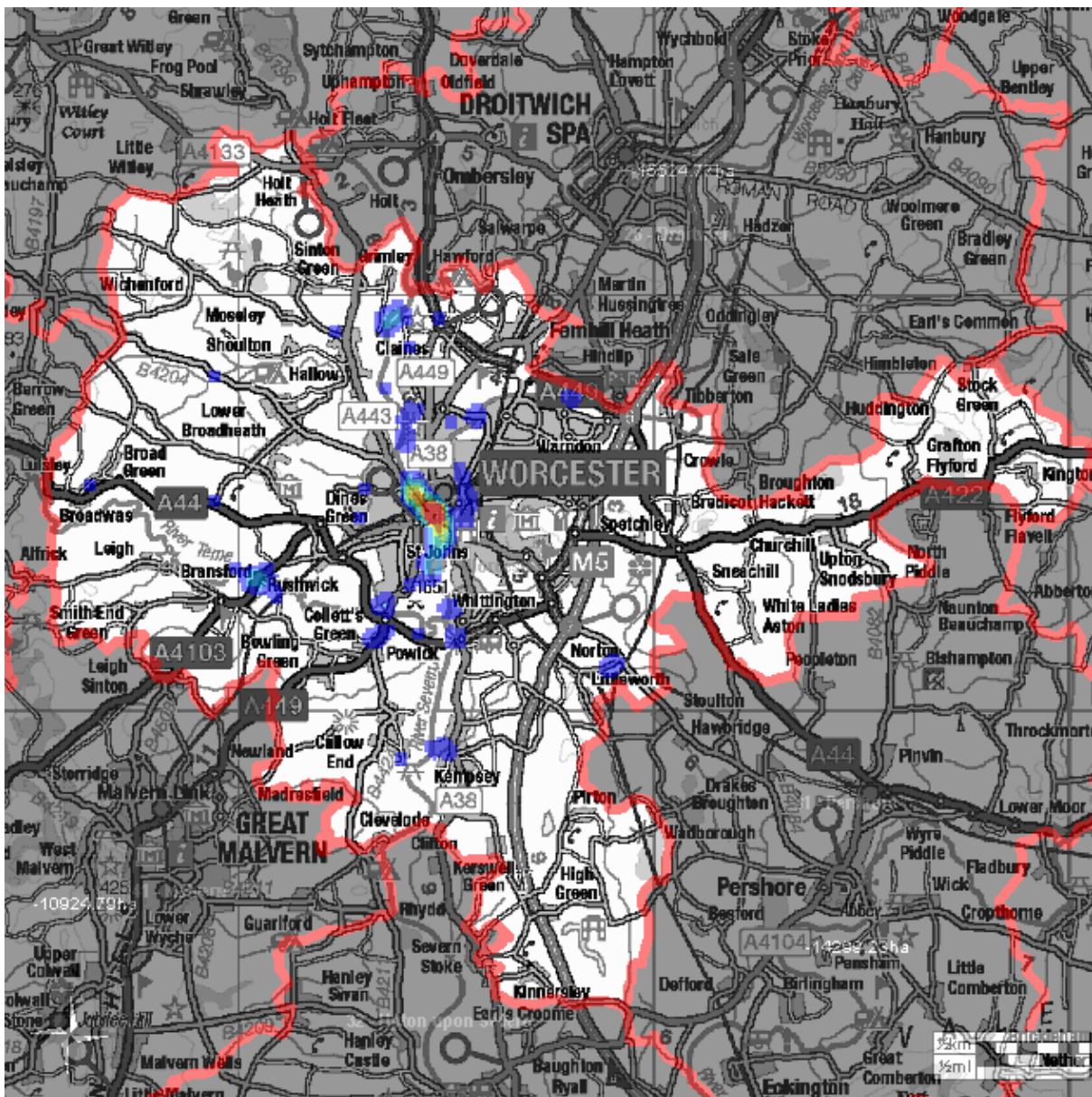
7 Other Potential Life Risks

- 7.1 In addition to Accidental Dwelling Fires and Road Traffic Collisions, the Service attends a number of other incidents which have the potential to harm life and property. Among such incidents are water rescues and weather-related issues such as wide area flooding and wildfire. Heritage buildings also pose a potential risk, with many having unique features and important and irreplaceable artefacts. A significant number are also timber-framed and liable to a faster spread of fire.
- 7.2 In Worcester Fire Station area, the main risks relate to the two main rivers in the area, the Rivers Severn and Teme, and the potential for flooding during adverse weather, while wildfire tends to be less prevalent. Heritage issues are less likely to be a risk to life, but safeguarding the heritage environment (both built and natural) is an important part of the Service's role in helping to improve the safety of the community. Heritage issues are discussed further in Section 8 below.

Water Incidents

- 7.3 Map 7 below shows the location of all water incidents involving life risk that have occurred within Worcester Fire Station area over the last 12 years (2009/10 to 2020/21) at 100 m grid cell.

Map 7: Worcester Fire Station area – Water-related life risk incidents 2009/10 to 2020/21



Key



7.4 The two major water sources within this area are the River Severn and the River Teme, though the majority of water rescues have been in and around the bridges over the River Severn in Worcester City Centre.

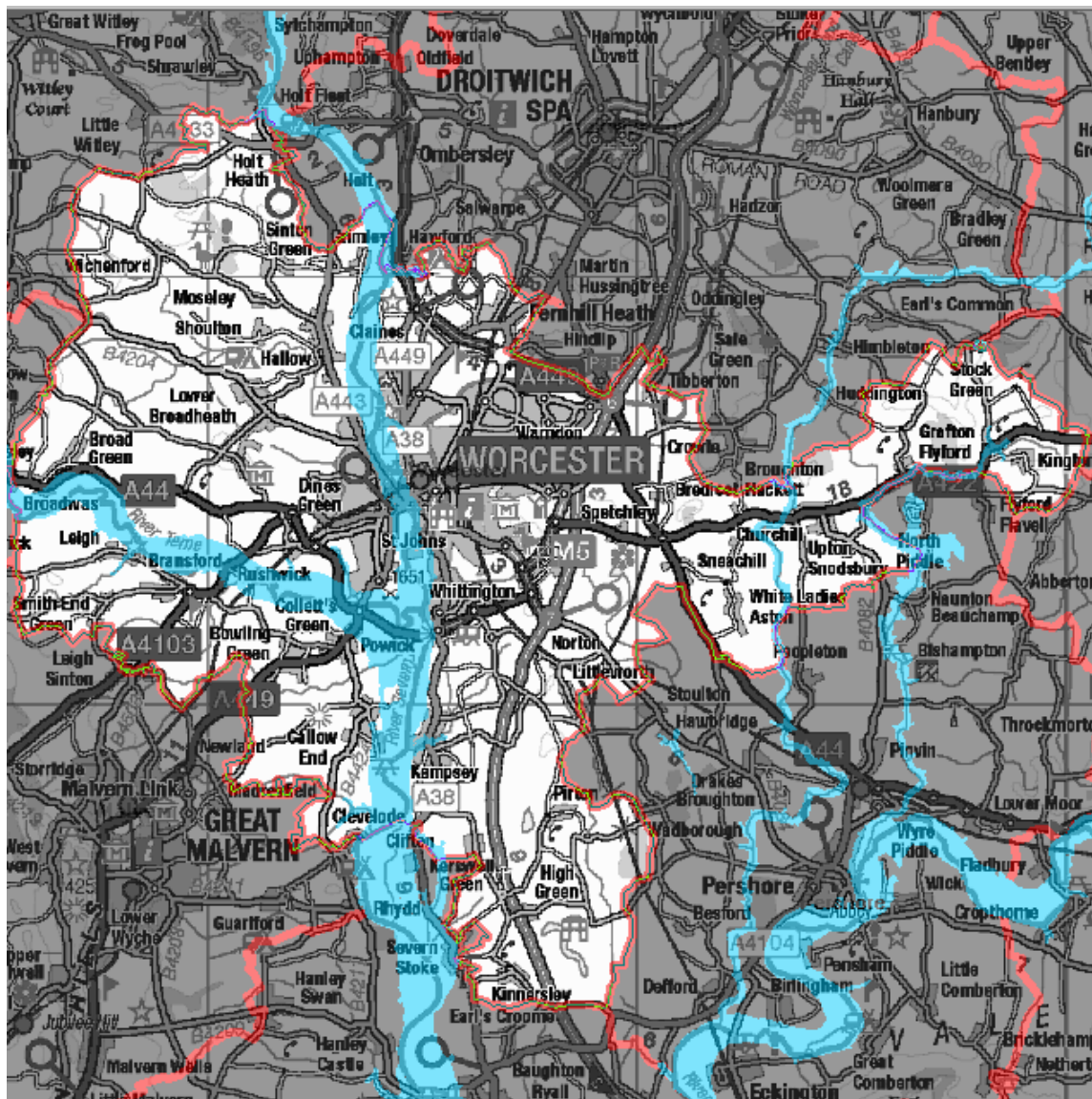
7.5 Map 7 shows the hotspots of water rescues between 2009/10 and 2020/21, which highlights the River Severn in Worcester as the area where these incidents tend to be concentrated.

- 7.6 As with the maps of accidental fires and RTCs, the maps of water rescues can be expanded to show incidents in more detail, which will assist Station Commanders in familiarising crews with areas of concern and in working with the Community Risk department and partner agencies to carry out preparatory and preventative work and raise awareness within the local community.
- 7.7 Other water-related incidents include rescues of people from flooded properties, fords, lakes and quarries as well as animal rescues from water. These can also be mapped to assist Station Commanders and Community Risk officers in their partnership work with water safety agencies and landowners.

Flooding Areas

- 7.8 Maps prepared by the Environment Agency show areas that are likely to flood in the event of adverse weather conditions. Fire Station crews also have access to more detailed maps through their Mobile Data Terminals carried by every fire engine, as well as via the [Environment Agency website](#).
- 7.9 Map 6 below shows the area most likely to flood, which is primarily along the course of the Rivers Severn and Teme.

Map 8: Worcester Fire Station area – Flooding areas identified by the Environment Agency



- 7.10 Information about areas likely to flood is used during flood planning with water safety partners and can be used as part of the Safe and Well Checks carried out with residents in these areas. This includes information on flood risk and advice on early evacuation in the event of flooding. Fire Station crews will also find more specific information about flood planning on the Service intranet.

8 Prevention and Protection Activities

8.1 All Fire Station crews and Community Risk officers have a key role to play in preventing incidents from happening and in protecting life and property in the event of emergency incidents. In helping to deliver the Community Risk Management Plan over the next few years, Worcester Fire Station crews and the Community Risk department will be involved in a range of activities including the following:

a) NFCC Community Risk Calendar 2021

8.2 Each year the National Fire Chiefs Council prepares a calendar of events and campaigns to help promote community safety across the country. The Service uses this to help plan local events and campaigns throughout the year, in addition to more local community safety activities, and Fire Stations are fully involved in delivering this in their local areas. The 2021 Calendar can be found in Appendix 1 of this report.

b) Safe and Well Checks

8.3 These checks involve a visit to people's home to deliver fire safety advice and to install smoke alarms where needed. They help to identify other potential areas of concern, which may require additional input from partner agencies, in order to help people remain safe and well in their own homes. Having identified households and areas likely to be more vulnerable to Accidental Dwelling Fire as set out in Section 5 of this report, Station Commanders will be able to cross-reference the most at risk areas when working with the Community Risk department and community safety partners to introduce more targeted prevention activities.

c) Intel Process

8.4 Every Fire Station has identified a number of specific risks in their area, which are scheduled to be visited and reviewed on a regular basis. The specific risks for Worcester Fire Station are listed on the Mobile Data Terminals and on the Service intranet at the following link: [Worcester Fire Station Risk Premises](#). The Intel Process also enables crews to identify potential new risk properties and sites. In addition, each Fire Station presents their Top 5 Risks based on the specific risks to firefighters, the public, the environment, the local economy and heritage. These are reviewed by all firefighters at the Fire Station as part of their competency training.

d) Technical Fire Safety Inspections

8.5 These involve Technical Fire Safety officers conducting risk based audit and intelligence led audit programmes looking at the potential risks in commercial premises including occupancy and management procedures. This helps to ensure the premises meet fire safety regulations⁶.

⁶ The [Regulatory Reform \(Fire Safety\) Order 2005](#)

e) Business Fire Safety Checks

- 8.6 Commercial properties regarded as low risk are visited by the Wholetime crews at Fire Stations, which involves crews checking for basic fire safety requirements. Any areas of concern are highlighted to Technical Fire Safety officers for further investigation. Additional work is being undertaken by the Community Risk department to map commercial premises and their associated risks and once complete this will be made available to support Fire Stations in their work with local businesses.

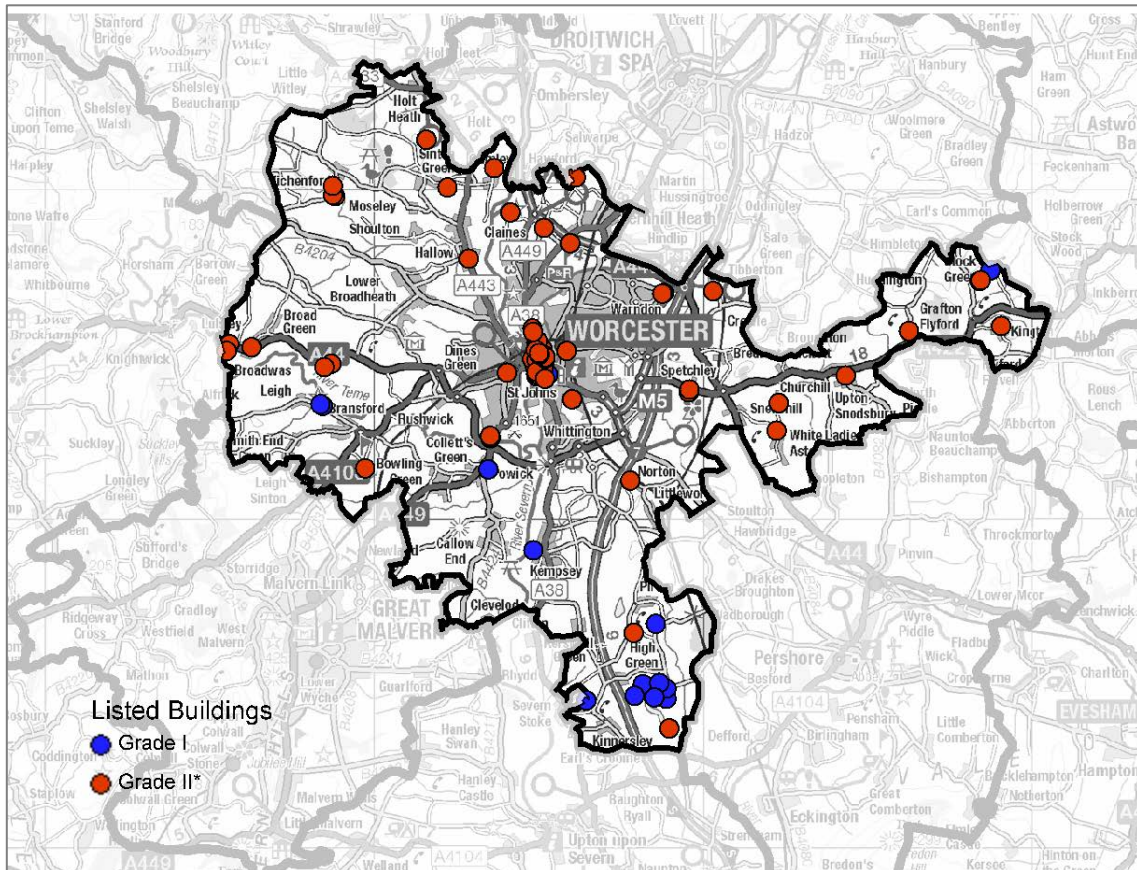
f) Heritage sites

- 8.7 At March 2020, there were over 12,000 'listed' buildings and sites across Herefordshire and Worcestershire. 'Listing' is a process used to grade heritage importance and interest. Grade I and II* buildings and sites are of particular importance, of which there are currently 920 in the two counties. Worcester Fire Station area contains 28 Grade I and 69 Grade II* buildings and sites. Section 9 provides a map and list of all such buildings and sites in Worcester Fire Station area. This will support Station Commanders in familiarising their crews with their locations, nature and value, and will help in planning emergency cover, preventative and salvage arrangements.

9 Grade I and Grade II* Listed Buildings

- 9.1 Grade I buildings are considered to be of exceptional interest. Grade II* buildings are considered to be of particular importance of more than Special interest.
- 9.2 The location of Grade I and II* listed buildings are shown on Map 7 below.

Map 9: Worcester Fire Station area – Location of Grade I and Grade II* Listed Buildings



The tables on the following pages list each building by the Station area. The buildings and structures are drawn from English Heritage's Listed Buildings database⁷, updated to March 2020. More information can be gained from this website by entering the list entry number into the search facility.

⁷ [Listed Buildings Database](#)

Worcester – Grade I Listed Buildings

List Entry Number	Grade	Building Name	Eastings	Northings
1390200	I	Berkeley's Hospital: Almshouses with Gatelodges	384946	255122
1390199	I	Berkeley's Hospital: Chapel	384902	255117
1389728	I	Cathedral Church of Christ and St Mary	385002	254521
1389729	I	Cathedral of St Mary: Cloister Range, Chapter House	384997	254484
1098765	I	Church of St Eadburgan	378420	253456
1157621	I	Church of St Mary	384824	249062
1082581	I	Church of St Mary Magdalene	388646	245034
1301320	I	Church of St Nicholas	388782	256887
1116851	I	Church of St Nicholas	398723	257574
1258259	I	Church of St Peter	388543	246831
1166920	I	Church of St Peter and St Lawrence	383446	251526
1063801	I	Church of St Swithun and attached railings	385043	254950
1349526	I	Croome Court	388494	244596
1349245	I	Cruck Barn, Leigh Court	378347	253505
1063829	I	Edgar Tower	385075	254446
1389921	I	Guildhall	385003	254791
1302560	I	Island Temple, Crooms Park	387899	244648
1063830	I	King's School Hall	384978	254463
1082579	I	Pershore (or London) lodge and gates	388863	244864
1349275	I	Powick Old Bridge	383511	252469
1390030	I	Powick Old Bridge (that part within the City of Worcester)	383520	252491
1082575	I	Temple Greenhouse, Croome Park	388141	244996
1390176	I	The Commandery	385276	254392
1389859	I	The Greyfriars	385146	254714
1389763	I	The Old Palace	384913	254630
1082574	I	The Rotunda, the Shrubbery Croome Park	388862	244549
1389922	I	Wrought iron gates and railings to Forecourt at Guildhall	385016	254793

Worcester – Grade II* Listed Buildings


List Entry Number	Grade	Building Name	Eastings	Northings
1389840	II*	14, 16 and 18 Friar Street	385120	254710
1390187	II*	2 The Cross	385003	255007
1389846	II*	26-32 Friar Street	385125	254682
1389776	II*	3 Edgar Street	385118	254438
1063886	II*	61 Broad Street	384916	254954
1359585	II*	Battenhall Mount (Former St Mary's Convent School)	385993	253654
1081163	II*	Bevere House	384120	259340
1389930	II*	Boundary walls to East side of River Severn extend	384910	254360
1389929	II*	Boundary walls to East side of River Severn extend	384878	254617
1390240	II*	Britannia House (Alice Otley School)	384808	255701
1390182	II*	Bushwackers	385035	255034
1349343	II*	Butts Farmhouse	376247	255236
1258265	II*	Church of All Saints	389565	253946
1063890	II*	Church of All Saints	384785	254876
1349352	II*	Church of St Bartholomew's	383630	260682
1390134	II*	Church of St George (Roman Catholic)	385091	255183
1389795	II*	Church of St Helen	385010	254708
1242858	II*	Church of St James	387764	251187
1259905	II*	Church of St James	399041	255880
1390120	II*	Church of St John	384016	254466
1098793	II*	Church of St John The Baptist	379703	251559
1258836	II*	Church of St John The Baptist	392209	252703
1374136	II*	Church of St John The Baptist	396238	255727
1063810	II*	Church of St John The Baptist	385143	258863
1258793	II*	Church of St Kenelm	394311	254380
1082931	II*	Church of St Lawrence	378719	260147
1179067	II*	Church of St Leonards	378670	254739

List Entry Number	Grade	Building Name	Eastings	Northings
1389755	II*	Church of St Martin	385134	255002
1349345	II*	Church of St Mary Magdalene	375496	255126
1319712	II*	Church of St Michael	392284	253543
1349353	II*	Church of St Philip and St James	382851	257927
1389828	II*	City Museum and library with gates	384907	255372
1082941	II*	Cotheridge Court	378468	254630
1319738	II*	Dovecote at Moat Farm	398384	257253
1301822	II*	Dovecote at Wichenford Court	378718	259872
1390194	II*	Former Church of St Nicholas	384994	255060
1063893	II*	Huntingdon Hall	384913	254856
1390144	II*	Judges Lodgings and attached railings	384955	255428
1390020	II*	King Charles House	385188	254932
1389751	II*	King Charles House	385185	254943
1296503	II*	Mill Hall	386110	260402
1319800	II*	Moat Farmhouse	398418	257278
1359629	II*	Monastic ruins	384913	254488
1390010	II*	Nash House (No 7 and 7A)	385155	254800
1063827	II*	No 15 and wall adjoining to East	385064	254459
1063821	II*	No 9 and attached wall to left at rear	384952	254354
1390155	II*	Old Assembly Room	384899	255156
1082945	II*	Old Hill Farmhouse	381564	261545
1258298	II*	Pirton Court	387868	246560
1390029	II*	Powick Mills	383507	252542
1390238	II*	Queen Elizabeth House	385073	255020
1081184	II*	Rectory Farmhouse	390284	256940
1389926	II*	Rose Place	385937	258404
1390149	II*	Royal Worcester Porcelain Works: Pan Grinding Shop	385171	254280
1389831	II*	Shire Hall	384922	255421

List Entry Number	Grade	Building Name	Eastings	Northings
1390157	II*	Shrub Hill Station: waiting room to East platform	385830	255129
1389731	II*	South African War Memorial	385025	254577
1273492	II*	Spetchley Hall (Including Roman Catholic Chapel)	389545	253863
1389762	II*	St Andrew's Church Tower	384864	254784
1082977	II*	Stone Farmhouse and attached Hop Kiln	375571	255331
1063822	II*	The Deanery (No 10) and office (10A) with attached	384937	254374
1178399	II*	The Owl House at South End of Lake	388950	243647
1390016	II*	The Pheasant	385179	254896
1179144	II*	Thorngrove	382209	260095
1389852	II*	Tudor House Museum	385131	254649
1166562	II*	Warndon Court	388740	256864
1063824	II*	Water Gate House and attached walls and gate to East	384907	254425
1390245	II*	Whiteladies House at Worcester Grammar School	384795	255808
1082896	II*	Wichenford Court	378790	259835

Appendix 1

2021 NFCC Community Risk Calendar



































































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FIRE AND RESCUE 2021

CAMPAIGN CALENDAR

Mastered By: NFCC, Fire & Rescue Authority & County Councils

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
	Smoke Alarm Purchase	Crackling	Smoke Alarm Testing	Smoking	Escape Routes	Outdoor Fire Safety	Crackling	Smoke Alarm Purchase	Home Fire Safety	Smoke Alarm Testing	Electrical	Christmas
Key	       											
Fire Kills	       											
NFCC Campaign	       											
Fire Kills	       											
NFCC Campaign	       											
Fire Kills	       											
NFCC Campaign	       											
Fire Kills	       											
NFCC Campaign	