

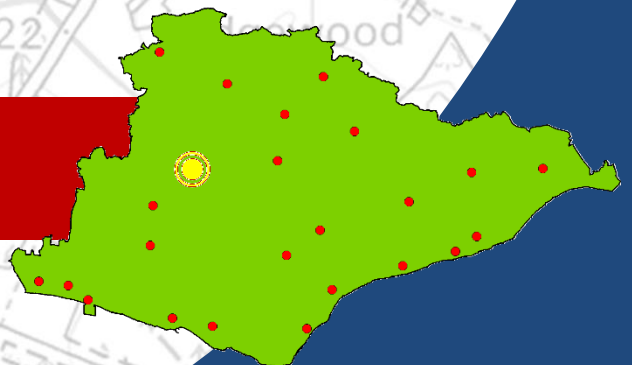


2020

Uckfield



Station Risk Profile



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Uckfield Station Area – Headline Summary



- Uckfield station area covers approximately **130 sq. km** (2nd largest).
- Area is mixture of urban and rural areas.
- Operational cover provided a day-crewed & an on-call appliance.
- 2 special appliances – dual-purpose truck & water carrier.



- **29,015** residents within Uckfield station area.
- A net increase of **1,921** since 2011 Census.
- Low population density, widely dispersed across area.
- Higher proportions of older people than ESFRS average (50-64yrs).
- Proportionally more economically active/full-time employees and in very good health.



- **84%** of households are within attendance standards.
- **50%** below average fire risk (socio-demographic).
- **808** households are outside, the majority of which are in the north-west and south east of station area.
- Slightly lower proportion of lone pensioners than ESFRS average.
- Lower proportion of rented accommodation than ESFRS average.

Station area

- Incidents have decreased by **39%** since 2009 although last 3 years they have been rising slightly.
- There are **226** incidents per year within Uckfield station area; **4th** busiest day-crewed area.
- **58%** during the day. Rise sharply from 7am.
- **15%** of incidents outside attendance standards isochrones (3rd highest proportion of all station areas). Nutley, Sheffield Green & Danehill.
- Proportionally more RTCs in area (3rd highest Incident type) and fewer False Alarms compared to ESFRS.
- **19** critical life-risk incidents per year. Upward trend.
- **58%** critical incidents during day.
- Uckfield area average for numbers of injuries and rescues.
- Attendance times, on average, slightly longer than other day-crewed station areas.
- **5-5.5** minute delay between 1st & 2nd appliance – roughly in line with other day-crewed areas, (marginally quicker).
- **74%** of incidents are attended by a single appliance.
- **51%** of 2nd pump attendances were by 84P4, **15%** 83P1, **12%** 84P1.
- **1** level 4 incident & **5** level 3 incidents within 9-year review period.



Station appliance(s)

84P1

- Turn-out time is **01:42** during day, **05:44** at night. Rose significantly in 2017/18 but reducing prior to this.
- **42%** reduction in mobilisations over 9 years.
- Mobilises **332** times per year – **62%** in own area, **8%** in Heathfield, **8%** in Crowborough area, **7%** Barcombe, **2%** OTB.
- Attends **8%** more fires and **6%** fewer false alarms than ESFRS.
- Mobilises to **34** critical incidents per year – **46%** in own area, **15%** in Crowborough, **12%** in Heathfield area.
- First-arriving appliance in 10 minutes **47%** of the time (**43%** critical), and in 15 minutes **81%** of the time (**83%** critical).
- **100%** availability in 2017/18.

84P4

- Turn-out time is 07:18.
- **81%** reduction in mobilisations over 9 years (largest of all pumps).
- Mobilises **62** times per year - **82%** in own area, **5%** in Barcombe.
- Mobilises to **9** critical incidents per year – **76%** in own area, **7%** in Crowborough.
- Attendance standard met **68%** of the time (**67%** critical).
- **58%** availability in 2017/18. **36%** decrease in five years. Low availability between 5am-8pm (**50%**), particularly between 3pm-6pm (**35%**).

Standby moves

- **47** cover moves per year – **34%** in Uckfield, **30%** in Crowborough, **23%** in Lewes.

Special Appliance(s)

84T1 (Dual Purpose Truck)

- Mobilises **13** times a year but only in attendance **68%** of the time.
- **15%** of attendances in Hailsham area, **12%** in Uckfield and Lewes station areas (although did not attend **38%** of the time in Lewes).

84W1 (Water Carrier)

- Mobilises **17** times a year; in attendance **71%** of the time.
- **16%** of attendances in Hailsham area, **13%** in Uckfield, **12%** Lewes and **11%** Barcombe station areas.



- 2,693 Home Safety Visits to unique properties undertaken
- 22% of households have had HSV.



- 25% of commercial properties are outside attendance standards – East Hoathly, Nutley, Blackboys, Framfield & Fletching and others.
- 12 Business Safety Audits per year, 38% of which are to care homes, 32% are hotels.
- 1 Hospital, 14 Care Homes & 6 Hotels in area.



- No residential allocations.
- 1 retail allocation – within attendance standards isochrones as fire station sits within development area.



- 64 KSI collisions per year. Proportion of serious/fatal collisions 4% higher than ESFRS.
- 9% outside attendance standards isochrones – Nutley (A22) and between Sheffield Park and Danehill (A275).



- 247km of rivers (6.3% of ESFRS rivers). Ranks 6 out of 24 areas.
- Ranks 4th for highest proportion of primary rivers.
- Ranks 2nd place for percentage of lakes/reservoirs in its area (14% of all lakes/reservoirs in ESFRS area)
- No coastline or tidal/inter-tidal rivers.



- 398 listed buildings (1% Grade I). 62% in attendance standard isochrones (72%) at night.
- 3 Grade I listed building outside (2 churches and Sheffield House).
- 2 large parks; Sheffield Park sits outside isochrones. Buxted within.



- Fluvial risk from River Uck and River Ouse, which has flooded historically; the last major flood occurring in 2000.
- 4 SSSI sites – Rock Wood (biological SSSI) outside of isochrones.
- Woodland to the north/north-west of the area.



- 26 Level 1 or Level 2 SSRIs – 1 outside isochrones.
- No COMAH sites or high-rise properties within area.
- No major over-border risks. Horsted Keynes closest village – bluebell railway. Area given to woodland and lakes/reservoirs. Haywards Heath due west.



Overview

Uckfield Station Area covers an area of approximately 130 square kilometres (7.2% of ESFRS area), making it the second largest station area in ESFRS with a mixture of urban and rural areas.

The population is widely dispersed throughout the station area with just under half within the town of Uckfield itself and the others within the smaller villages of Maresfield, Fletching, Piltdown, Buxted, Nutley, Danehill, Framfield and Blackboys, among others.

The Fire Station is located within the centre of the town of Uckfield itself. Uckfield is a small town which is situated on the southern boundary of the High Weald Area of Outstanding Natural Beauty (AONB), with the Ashdown Forest nearby. The town is on the River Uck, one of the tributaries of the River Ouse, which meanders through the lower part of the town.

The present building replaced the original (1935) in Bell Farm Road in 1996.

Station Resources

Uckfield Community Fire Station is a day-crewed fire station which has two pumping appliances and two special appliances. Uckfield provides support for all types of incidents (incl. heavy collisions) throughout Sussex.

1 x Extended Rescue Pump (FJE84P1)

Volvo Extended Rescue Pump carrying a variety of ladders including a 12 metre ladder, 1800 litres water and a pump capable of supplying 2250 litres/min. It is a multi-purpose appliance carrying a large amount of equipment including dedicated hydraulic rescue tools, water safety and rescue equipment, oxygen, etc.

1 x Water Tender (FJE84P4)

Multi-purpose appliance that carries both firefighting and rescue equipment. It carries 1800 litres of water and a pump that can deliver 2250 litres of water per minute.

1 x Dual Purpose Truck (FJE84T1)

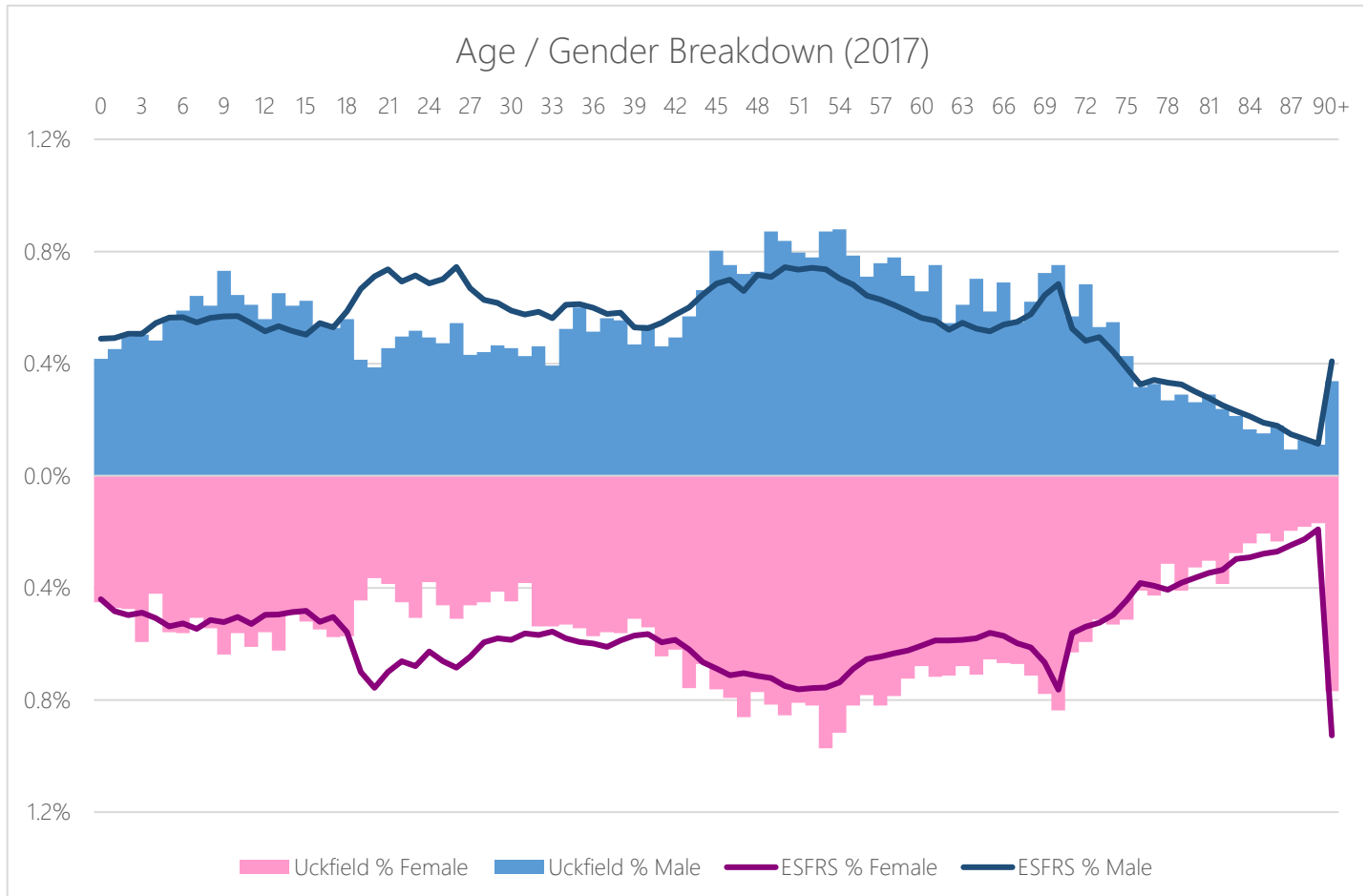
A flat-bed truck provided to support the stations role as a holder and provider of foam stocks, inflatable air structure, salvage equipment etc.

1 x Water Carrier (FJE84W1)



Population Demographics

The population age in Uckfield is generally in-line with the ESFRS average, but there are particularly fewer young adults, but this will mainly be due to that cohort being over-represented within the City compared with the rest of East Sussex. That being said, there is a greater proportion of 10-17 year olds compared with the ESFRs average, but there are proportionally fewer 18 to 24 year olds with 6% in Uckfield, compared to 10% for the service. In the older age ranges, 50 to 64 years represent 23% of Uckfield, but only 20% for ESFRS. It can also be seen that, compared to ESFRS, there is a slightly lower proportion of the population aged between 80-89 and 90+ respectively.



2017 population estimates - % Within Area									
	0 to 9	10 to 17	18 to 24	25 to 49	50 to 64	65 to 79	80 to 89	Over 90	Total
Uckfield	3,106 (10.7%)	2,684 (9.3%)	1,864 (6.4%)	8,308 (28.6%)	6,668 (23%)	4,801 (16.5%)	1,263 (4.4%)	321 (1.1%)	29,015
ESFRS	87,510 (10.4%)	69,516 (8.3%)	79,643 (9.5%)	261,272 (31.1%)	163,673 (19.5%)	126,538 (15.1%)	41,043 (4.9%)	11,219 (1.3%)	840,414

In addition to population estimates by age-group, ESFRS hold specific records of GP-registered 65+ years. This data is provided annually to all Fire & Rescue Services in England by the NHS through a national Information Sharing Agreement, and enables FRs to prioritise resources to target those most at risk. This data is often referred to as the 'Exeter Data'.

The following table summarises the numbers of 65+yrs (and 80+yrs) in the Uckfield station area and the proportion that fall inside the attendance standard isochrones. For the sake of privacy, these have not been included as a map.

It can be seen that around 81% of 65+ year olds are within the attendance standard isochrones, day or night. This ranks Uckfield 22 out of the 24 stations (or 6 out of the 6 day-crewed station areas), due to the dispersion of the population throughout the area.

Exeter Data: GP-registered 65+ year olds in Uckfield Station Area

	Station Admin Area	No. of persons	% in Att. Std. Isochrone (Day)	% in Att. Std. Isochrone (Night)
65+ Yrs	Uckfield	6,526	81.0	85.3
	ESFRS	179,534	96.5	97.2
80+Yrs	Uckfield	1,549	82.1	86.2
	ESFRS	51,372	96.8	97.4

Uckfield has a much lower population density compared with the rest of the service, with 2.2 persons per hectare compared to an ESFRS average of 4.7. Uckfield is ranked (*out of 24*) as the 13th most densely populated station area in the service area. The area's population increased by 1,921 from 2011-2017, based on the 2011 census and 2017 estimates, which resulted in the population density increasing by 0.1 persons per hectare.

Population Density (number of persons per hectare)								
Area Size (Hectares)	All usual residents (2011)	Population Estimate (2017)	Density 2011	Density 2017	Change 2011-17	Rank in ESFRS 2017	ESFRS Average 2011	ESFRS Average 2017
13,009	27,094	29,015	2.1	2.2	0.1	13	4.5	4.7

The general health in Uckfield can be seen as good compared to the rest of ESFRS, especially when considering there are fewer young adults, and more persons aged 50-89.

50% of the population in Uckfield are identified as having 'very good health', compared to 46% for ESFRS and similar proportions have 'good health' compared to with ESFRS.

General Health - Persons (2011) - % Within Area						
	Very good health	Good health	Fair health	Bad health	Very bad health	Total
Uckfield	13,578 (50.1%)	9,349 (34.5%)	3,107 (11.5%)	814 (3%)	246 (0.9%)	27,094
ESFRS	365,370 (45.7%)	279,665 (35%)	110,093 (13.8%)	34,749 (4.3%)	10,163 (1.3%)	800,040

The proportion of people in Uckfield whose day-to-day activities are limited is lower than that of ESFRS, 85% of the Uckfield population are 'not limited', compared to 81% as a service average.

	Day-to-day activities limited - Persons (2011) - % Within Area			
	Limited a lot	Limited a little	Not limited	Total
Uckfield	1,743 (6.4%)	2,402 (8.9%)	22,949 (84.7%)	27,094
ESFRS	68,688 (8.6%)	83,026 (10.4%)	648,326 (81%)	800,040

There are proportionally more full time employees in Uckfield (38%) compared to the service average (34%). This is to be expected, as Uckfield had proportionally more 50-64 year olds compared with ESFRS and, since a large proportion of the population is deemed to be in very good health, it makes sense that a greater proportion of the population are economically active. The percentage of retirees are consistent with the ESFRS average.

Economic Activity - All usual residents aged 16 to 74 (2011)			Uckfield	ESFRS
Economically active	Part-time	Employee	2,937 (14.9%)	82,644 (14.1%)
		Self-employed without employees	872 (4.4%)	22,199 (3.8%)
		Self-employed with employees	93 (0.5%)	2,591 (0.4%)
	Full-time	Employee	7,386 (37.6%)	201,532 (34.4%)
		Self-employed without employees	1,541 (7.8%)	40,181 (6.9%)
		Self-employed with employees	502 (2.6%)	12,514 (2.1%)
		Un-employed	524 (2.7%)	21,321 (3.6%)
	Full-time student	520 (2.6%)	22,823 (3.9%)	
Economically inactive		Retired	3,020 (15.4%)	86,361 (14.8%)
		Student (including full-time students)	624 (3.2%)	35,446 (6.1%)
		Looking after home or family	831 (4.2%)	22,914 (3.9%)
		Long-term sick or disabled	543 (2.8%)	24,201 (4.1%)
		Other	265 (1.3%)	10,583 (1.8%)
Total			19,658	585,310



Household Demographics

Census 2011 Household Breakdown

There are proportionally more detached houses/bungalows in Uckfield (44%), compared to the service average (25%). This is also the case for semi-detached houses/bungalows (28% in Uckfield vs 23% for ESFRS). There is a lower proportion of purpose built flats (8% in Uckfield vs 19% for ESFRS), and converted flats (2% in Uckfield vs 11% in ESFRS).

Households (2011) by Type (% Within Area)									
Unshared Dwelling								Shared Dwelling	Total
Detached House / Bungalow	Semi-detached House / Bungalow	Terraced House / Bungalow	Flat - Purpose Built	Flat - Converted	Flat - commercial building	Caravan / other temporary structure			
Uckfield	4,830 (43.6%)	3,124 (28.2%)	1,851 (16.7%)	912 (8.2%)	209 (1.9%)	108 (1%)	42 (0.4%)	1 (0%)	11,077
ESFRS	87,989 (24.9%)	81,338 (23%)	67,556 (19.1%)	66,813 (18.9%)	39,736 (11.2%)	5,167 (1.5%)	1,236 (0.3%)	3,610 (1%)	353,445

Uckfield has proportionally fewer lone pensioners (13%, compared to 15% service wide), and fewer lone parents with dependent children (5% in Uckfield, vs 7% in ESFRS), indicating potential lower fire risk factor compared with other areas of the ESFRS area which have high proportions in a given area.

Household Composition - Households (2011)				
	Lone Pensioner (65+)	All full-time students	Lone parent with dependent children	All Households
Uckfield	1,421 (12.8%)	1 (0%)	571 (5.2%)	11,077
ESFRS	52,103 (14.7%)	3,224 (0.9%)	22,980 (6.5%)	353,445

There is a higher proportion of households that are owned outright in Uckfield (37%) than the service area average (33%) as well as mortgaged households (40% in Uckfield) compared to the ESFRS average (31%), indicating a level of affluence across the service area, as there is a corresponding smaller proportion of social-rented across Uckfield compared to the service area as a whole.

Household Tenure - Households (2011)									
	Owned		Shared ownership	Social rented:		Private rented:		Living rent free	Total
	Outright	Mortgage or loan		Rented from council	Other	Private landlord or letting agency	Other		
Uckfield	4,145 (37.4%)	4,431 (40%)	95 (0.9%)	612 (5.5%)	387 (3.5%)	1,108 (10%)	104 (0.9%)	195 (1.8%)	11,077
ESFRS	116,373 (32.9%)	108,974 (30.8%)	2,540 (0.7%)	22,903 (6.5%)	20,884 (5.9%)	71,980 (20.4%)	5,159 (1.5%)	4,632 (1.3%)	353,445

The table below shows the number of spare bedrooms in a household, which is an indicator of overcrowding. Uckfield isn't an overcrowded area, with 2% of the households having an occupancy rating of -1 compared to the service average of 3.6%. Furthermore, Uckfield (0.2%) has a lower proportion of households with an occupancy rating of -2 compared with ESFRS (0.4%). There is a far greater proportion of households with spare rooms in Uckfield than the service average – in particular, 47% of households have an occupancy rating of +2, compared to 31% for ESFRS.

Occupancy Rating (Spare Bedrooms) - Households (2011)						
	Under-occupied		Standard	Overcrowded		Total
	+2 or more	+1	0	-1	-2 or less	
Uckfield	5,208 (47%)	3,386 (30.6%)	2,238 (20.2%)	225 (2%)	20 (0.2%)	11,077
ESFRS	108,549 (30.7%)	121,288 (34.3%)	109,429 (31%)	12,863 (3.6%)	1,316 (0.4%)	353,445

Mosaic Public Sector Household Breakdown

Mosaic Public Sector, published by Experian, is a socio-demographic classification system covering the whole of the United Kingdom. It provides an accurate and comprehensive view of citizens and their needs by describing them in terms of demographics, lifestyle, culture and behaviour. Over 850 million pieces of information across 450 different data points are condensed using the latest analytical techniques to identify 15 summary groups and 66 detailed types that are easy to interpret and understand.

There are 12,068 households within Uckfield station area, dispersed across the station area. which are broken down by the 15 summary Mosaic Lifestyle groups.

Mosaic Lifestyle Group	Uckfield	%	ESFRS	%
A - Country Living	3,348	27.7	30,907	8.5
B - Prestige Positions	1,940	16.1	27,774	7.6
C - City Prosperity	2	0.0	21,862	6.0
D - Domestic Success	897	7.4	27,215	7.5
E - Suburban Stability	1,025	8.5	24,684	6.8
F - Senior Security	885	7.3	39,762	10.9
G - Rural Reality	1,210	10.0	17,553	4.8
H - Aspiring Homemakers	1,235	10.2	24,898	6.8
I - Urban Cohesion	35	0.3	14,427	4.0
J - Rental Hubs	283	2.3	50,913	14.0
K - Modest Traditions	254	2.1	10,777	3.0
L - Transient Renters	191	1.6	13,853	3.8
M - Family Basics	224	1.9	20,841	5.7
N - Vintage Value	497	4.1	26,701	7.3
O - Municipal Challenge	42	0.3	11,485	3.2
Total	12,068	100	363,652	100

The predominant Mosaic groups describe 'Well-off owners in rural locations enjoying the benefits of country life' and 'Established families in large detached homes living upmarket lifestyles'. The top 3 Mosaic Types within Uckfield Station area are:

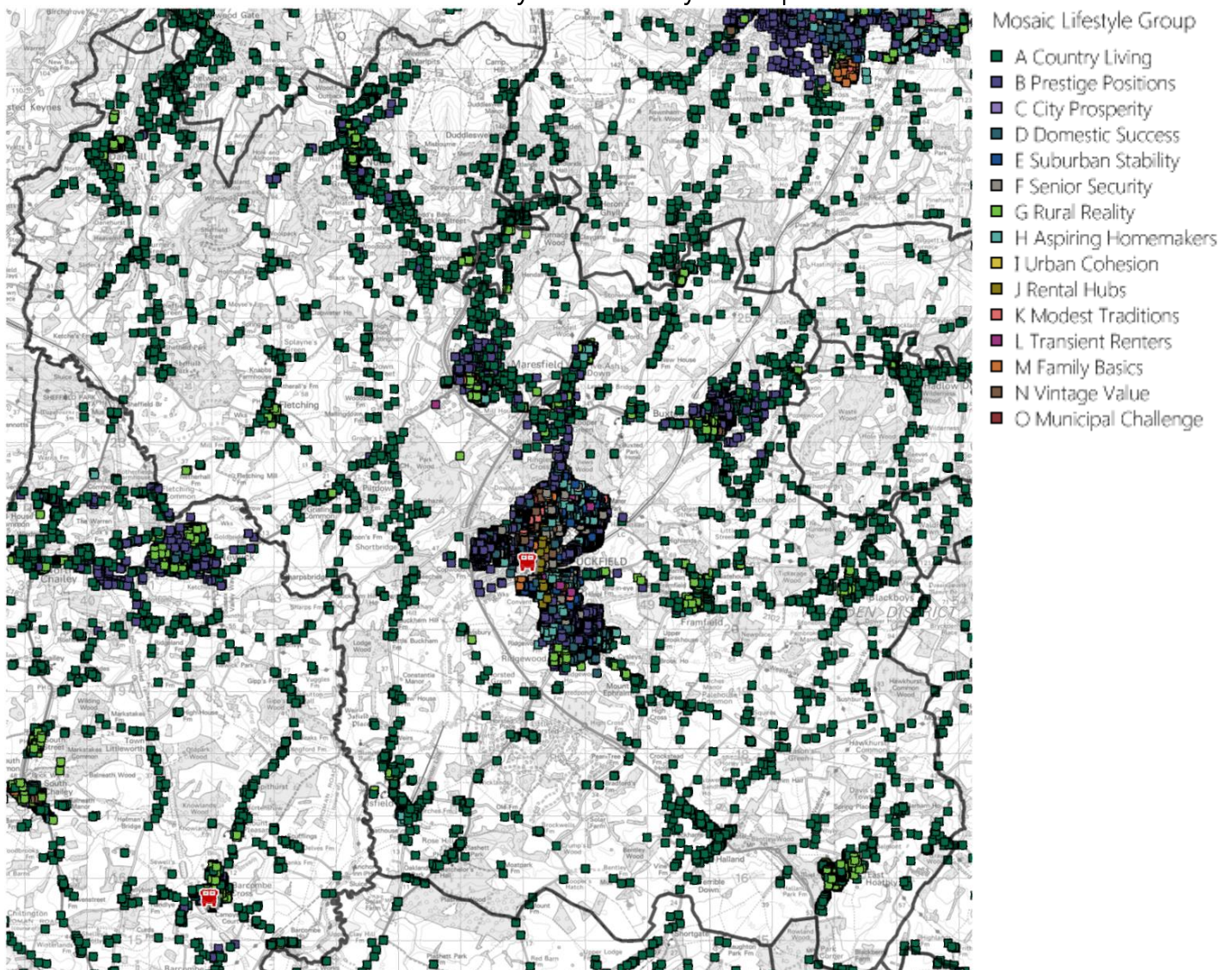
A03 - Wealthy Landowners: Prosperous owners of country houses including the rural upper class, successful farmers and second-home owners

G29 - Satellite Settlers: Mature households living in expanding developments around larger villages with good transport links

A04 - Village Retirement: Retirees enjoying pleasant village locations with amenities to service their social and practical needs

These 3 types of household have had few dwelling fires over the past 9 years and, compared to the base population, have a lower propensity to having a dwelling fire – they up to 50% fewer dwelling fires than one would expect. The map below shows the dispersal of households across the station area.

Households in Uckfield Station Admin area by Mosaic Lifestyle Group

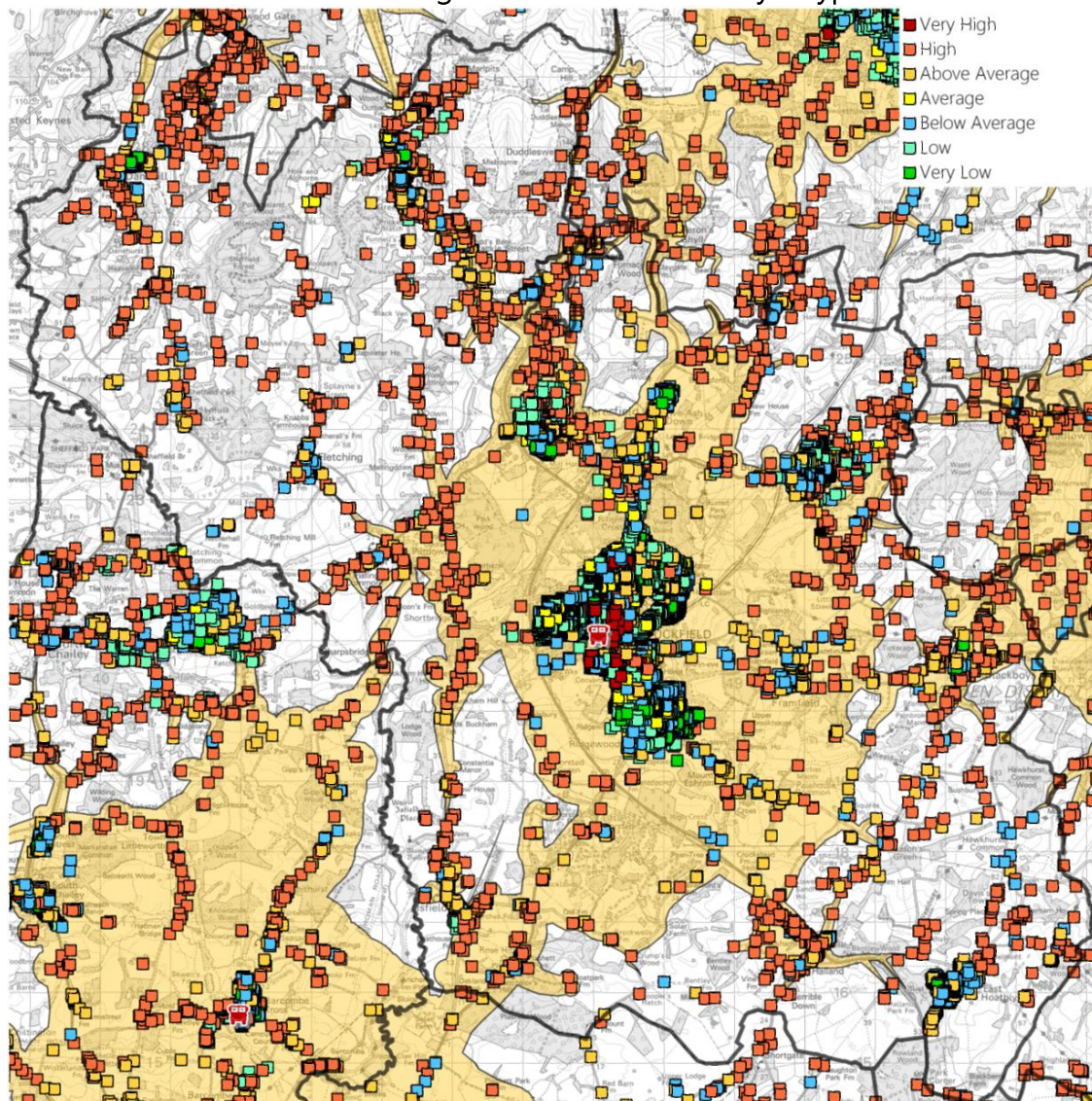


The map below shows the dispersion of mosaic households, classified by their initial fire risk rating, which is based on a combination of the number of fires and propensity to having a fire within each mosaic type. Those that have historically had a higher prevalence of and/or higher likelihood to having a fire are ranked higher. The risk rating is a relative risk and is a useful way to show socio-demographic risk, in the absence of additional risk information that ESFRS glean from other sources.

Households in Uckfield Station Admin area by Initial Fire Risk Rating

Station Area	Very High	High	Above Average	Average	Below Average	Low	Very Low	Total
Uckfield	706	2,345	2,343	728	2,822	2,376	748	12,068
Uckfield (%)	5.9%	19.4%	19.4%	6.0%	23.4%	19.7%	6.2%	100%
ESFRS (%)	18.4%	21.7%	11.5%	13.9%	17.2%	13.0%	4.3%	100%

Household Fire Risk – Initial Rating based on Mosaic Lifestyle Type



Station Admin Area	Very High	Within Att. Standard (Day)	%	Within Att. Standard (Night)	%	High	Within Att. Standard (Day)	%	Within Att. Standard (Night)	%
Uckfield	706	706	100.0	706	100.0	2,345	1,537	65.5	1,742	74.3

Overall, 84% of households within Uckfield station area are within ESFRS attendance standards, increasing to 88% at 'night time'. It can be seen that approximately half of the households across the station area are deemed to represent a below average, low or very low fire risk.

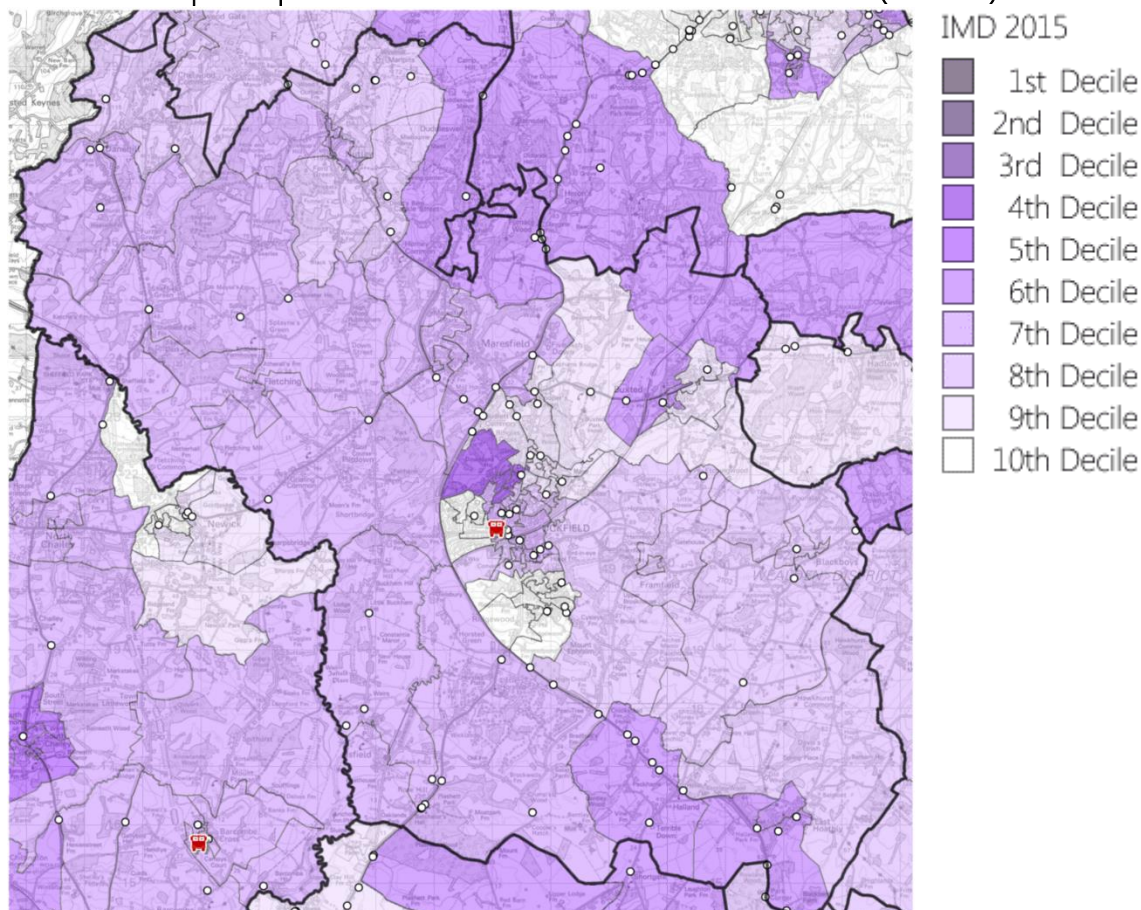
The Very High/High risk households represent 25% of households, the majority of which fall within the attendance standards isochrones (100% of very high risk) – there are 808 high risk households that sit outside of the attendance standards isochrones. These are dispersed throughout the station area, particularly in the north west and south east regions of the station area.

Holiday Parks

There are no major holiday parks in the Uckfield station area.

The following map shows the Index of Multiple Deprivation (2015) deciles. IMD deciles measure the relative deprivation of an area compared with the whole of England and Wales and takes 7 domains of deprivation into consideration, namely: Income, Employment, Education, Health, Crime, Barriers to housing & services & Living environment. There is a positive correlation between deprivation and the numbers of incidents to which ESFRS respond. i.e. the more deprived an area, the more incidents to which we respond to.

Index of Multiple Deprivation 2015 Deciles with 'Critical Incidents' (2013-18)



It can be seen that Uckfield station area has very low deprivation on the whole. The most deprived area lies to the north of the town but still only falls within the top 40% most deprived areas nationally. Some of the areas are within the top 10% and top 20% least deprived areas nationally.

Incidents

Incidents occurring within Uckfield Station Area

The analysis of historical incidents has been split into two sections in order to identify both the geographic location of the incident and each fire appliance's incident activity. This section deals with historical incidents that have occurred within the geographical station area of Uckfield – irrespective of which appliance(s) were mobilised to the incident. This helps identify the types of incidents to which we have responded within Uckfield's area.

Over 9 years (Apr 2009 – Mar 2018), incidents within Uckfield station area have decreased by 39.2%, albeit the last 3 years have seen a slight increase in the numbers of incidents, as shown below.

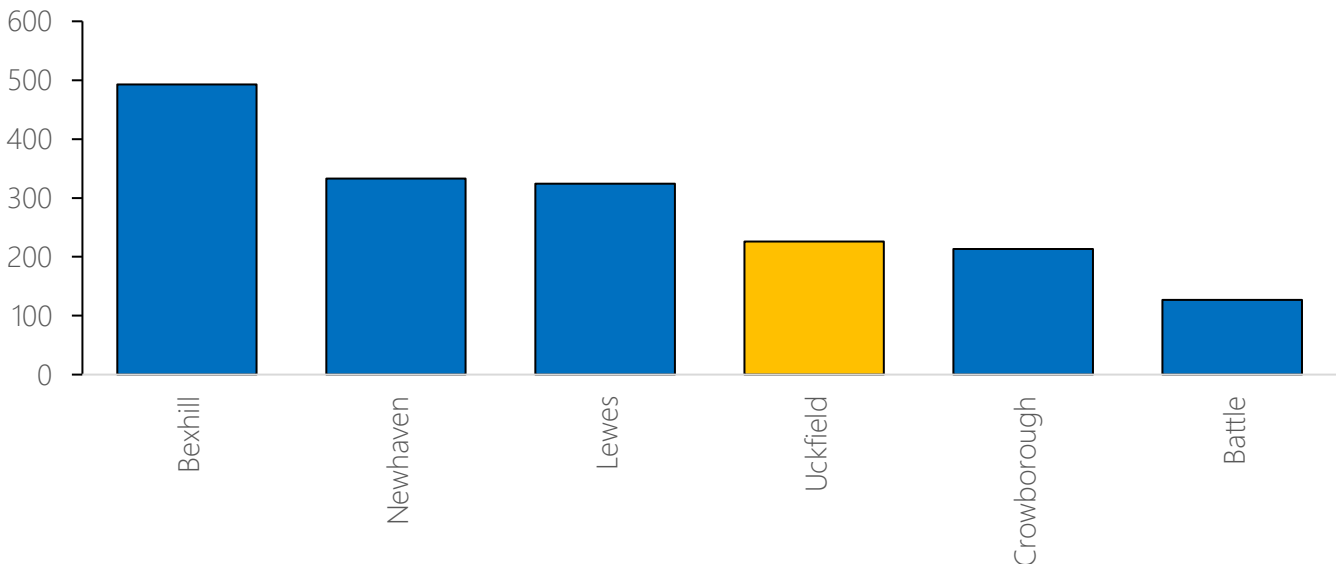
No. of Incidents within Uckfield Station Area per year

2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	Total
380	351	260	225	226	205	243	225	231	2,346

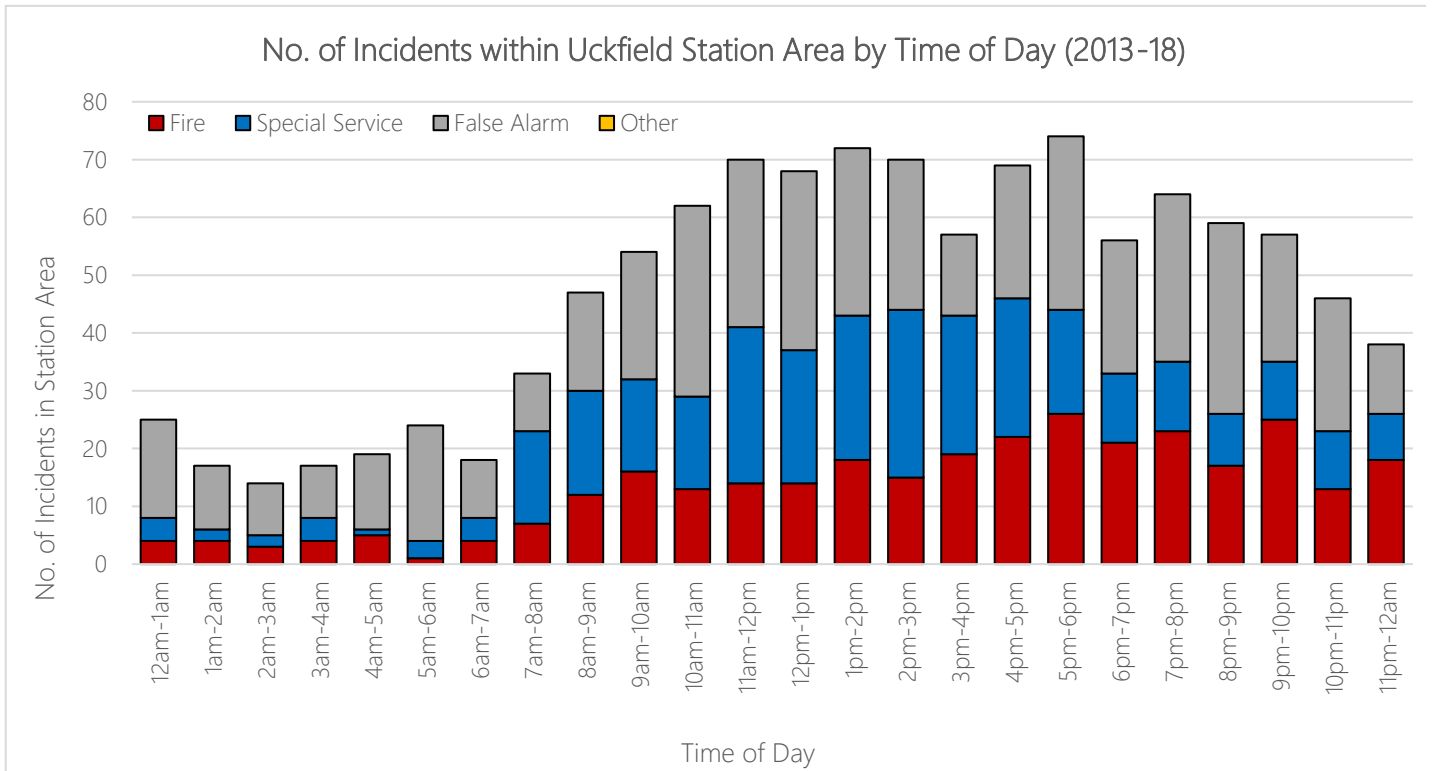
Between 2013-18, there were 1,130 incidents within the Uckfield station area, which equates to an average of 226 incidents per year.

Uckfield station area ranks 11 out of all 24 geographical station areas in terms of the numbers of incidents occurring within its area, sitting in-between Crowborough (213 incidents per year) and the on-call station area of Hailsham (291 incidents per year). Comparing with the other day-crewed station areas across ESFRS, Uckfield ranks 4th out of 6, making it one of the quieter areas covered by an da-crewed station, as shown below.

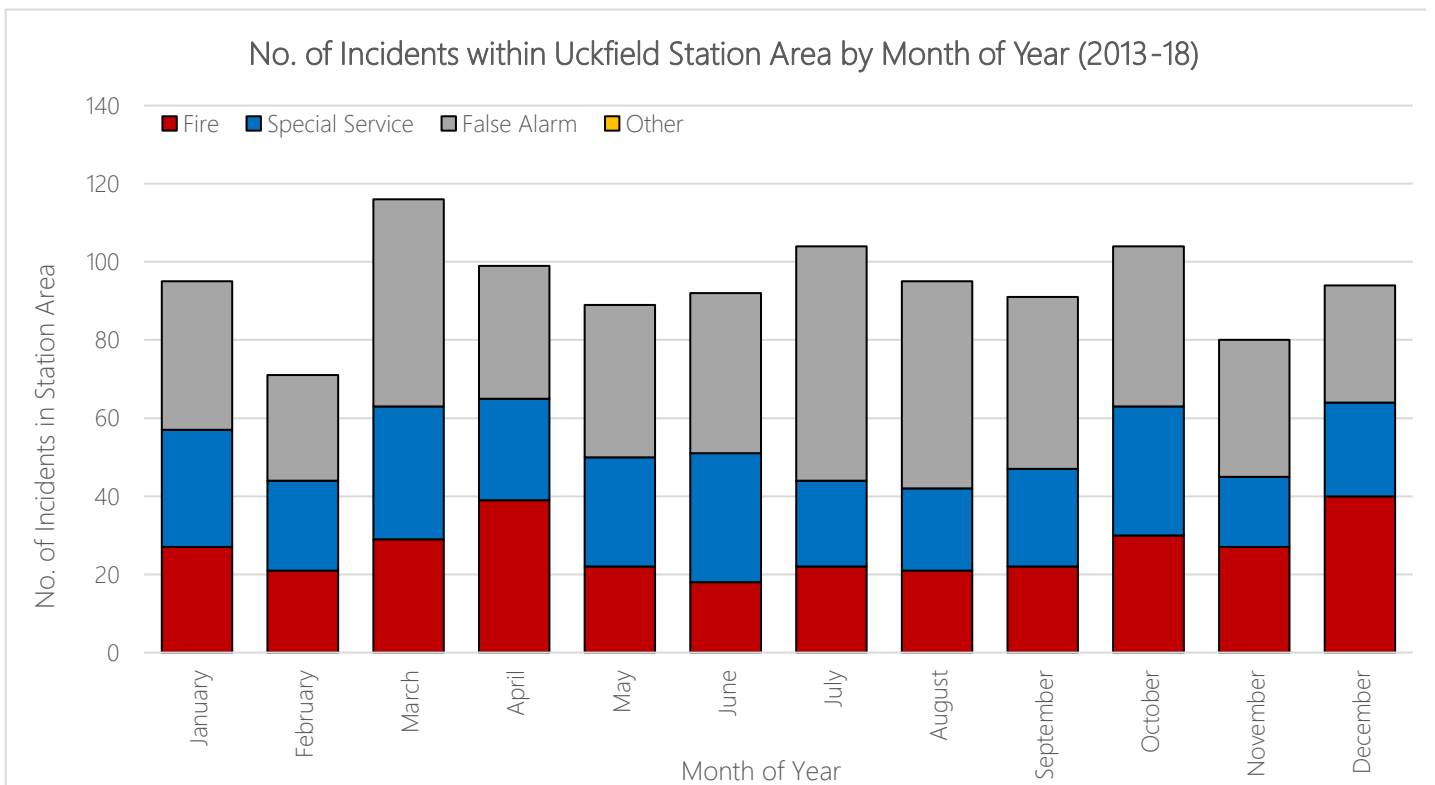
Average No. of Incidents per year on day-crewed Station Areas



The following charts show the distribution of incidents by time of day and month of year. The shape of these distributions follows a typical distribution, increasing from 7am. The greatest proportion of special service calls occur late morning through to the afternoon (11-5pm). Fire calls seem to extend into the evening until quite late before reducing, compared with other station areas.



The greatest number of incidents occur in March, due to relatively high numbers of fires, special service and false alarm calls. Across ESFRS, the summer months are the busiest months, but it can be seen that during this period, there is a decrease in the number of fires and special service calls in the station area, although July has the most false alarms. December and April are the two months with the most fires.



The following table illustrates the types of incidents that have occurred within Uckfield station area over the past 9 years. Dwelling fires and RTC incidents combined make up 16% of incidents (36 per year) which is slightly higher than the ESFRS average, due to the slightly higher proportion in each category. The proportion of fires within Uckfield station area are 5.9% higher than the ESFRS average and false alarm incidents are lower by 5.9%. RTCs represent the 3rd highest type of incident in Uckfield area (after FAA/FAGI) and are also 4% higher than the ESFRS average. Over last 3 years, false alarms in Uckfield area have plateaued but fires and special service calls have started to rise.

No. of Incidents within Uckfield Station Area by Incident Type

Incident Type	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	Total	5yr Ave.	%	% ESFRS
Primary Fire - Dwelling	14	15	11	12	14	14	16	15	18	129	15	6.8	6.3
Primary Fire - Non Residential	6	9	5	8	3	9	4	5	9	58	6	2.7	2.1
Primary Fire - Other Residential	4	1	4	0	0	1	1	2	0	13	1	0.4	0.6
Primary Fire - Vehicle	16	11	11	8	11	7	14	8	9	95	10	4.3	2.7
Primary Fire - Outdoor	2	2	2	0	4	0	9	1	9	29	5	2.0	0.9
Chimney Fire	8	13	13	19	16	13	8	10	3	103	10	4.4	1.6
Secondary Fire	27	38	26	18	19	8	18	18	21	193	17	7.4	8.1
Fire - Classification Not Recorded	0	0	0	0	0	0	0	0	1	1	0	0.1	0.1
Special Service - Advice Only	1	0	0	0	0	0	1	0	0	2	0	0.1	0.3
Special Service - Animal assistance incidents	7	11	11	12	9	6	10	7	9	82	8	3.6	2.3
Special Service - Assist other agencies	2	3	3	1	0	1	2	1	3	16	1	0.6	1.7
Special Service - Effecting Entry/Exit	3	7	6	3	5	6	10	7	10	57	8	3.4	3.9
Special Service - Evacuation (no fire)	0	0	0	0	0	0	0	1	0	1	0	0.1	0.0
Special Service - Flooding	7	20	5	5	7	6	6	6	3	65	6	2.5	4.2
Special Service - Hazardous Materials	0	1	1	1	1	0	0	3	3	10	1	0.6	0.3
Special Service - Lift Release	2	5	1	0	0	3	5	4	3	23	3	1.3	3.7
Special Service - Making Safe (not RTC)	5	1	1	0	7	2	3	0	2	21	3	1.2	1.8
Special Service - Medical Incident	0	0	1	1	0	0	1	0	2	5	1	0.3	0.2
Special Service - No action (not false alarm)	6	5	3	6	4	5	2	1	0	32	2	1.1	0.7
Special Service - Other rescue/release of persons	4	3	3	1	3	1	0	1	3	19	2	0.7	1.0
Special Service - Other Transport	2	1	3	2	2	2	2	5	1	20	2	1.1	0.3
Special Service - Removal of objects from people	2	1	7	2	0	2	3	3	0	20	2	0.7	0.6
Special Service - Removal of people from objects	0	0	0	1	0	1	0	0	1	3	0	0.2	0.3
Special Service - Rescue or evacuation from water	1	2	0	0	1	1	1	0	0	6	1	0.3	0.1
Special Service - RTC	28	32	24	24	16	16	31	15	23	209	20	8.9	5.1
Special Service - Spills and Leaks (not RTC)	6	2	2	1	4	3	0	4	3	25	3	1.2	1.1
Special Service - Stand By	0	0	0	1	0	0	0	0	0	1	0	0.0	0.0
Special Service - Suicide	0	0	0	0	0	1	0	1	0	2	0	0.2	0.1
Special Service - Unknown	0	0	0	0	0	0	0	0	0	0	0	0.0	0.2
Special Service - Water provision	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
False Alarm - Apparatus	172	126	80	64	64	76	65	76	65	788	69	30.6	34.6
False Alarm - Good Intent	53	41	35	34	35	19	31	29	28	305	28	12.6	13.6
False Alarm - Malicious	2	1	1	1	1	1	0	2	1	10	1	0.4	1.3
False Alarm - Unknown	0	0	1	0	0	1	0	0	1	3	0	0.2	0.2
Other	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Grand Total	380	351	260	225	226	205	243	225	231	2,346	226	100	100

In addition to the above table, which breaks down fires by property type, special services by special service type and false alarms by false alarm type, the following table further breaks down false alarms by property type. It can be seen that 44% of false alarms are to dwellings, which is slightly below the average proportion across ESFRS. Proportionally there are a greater number of outdoor false alarms compared to ESFRS as a whole.

No. of False Alarms by Property Type (Apr 2013 - Mar 2018)

Property Type	Uckfield	ESFRS
Dwelling	219 (44.2%)	11,127 (49%)
Non-Residential	134 (27.1%)	6,612 (29.1%)
Other Residential	49 (9.9%)	2,181 (9.6%)
Outdoor	58 (11.7%)	1,762 (7.8%)
Outdoor Structure	1 (0.2%)	194 (0.9%)
Road Vehicle	22 (4.4%)	443 (2%)
Unknown	12 (2.4%)	377 (1.7%)
Total	495	22,696

The following table shows the number of critical incidents that occur within Uckfield station area over the past 9 years. This equates to an average of 19 incidents per year which result in a rescue or some form of injury (special service rescues (excl. RTCs) with no injury are not included in the calculation). Given that approximately 226 incidents occur within Uckfield area each year, this represents around 8.5% of incidents have some form of life risk, which is slightly higher than the ESFRS average of 5.2%. Having been downward at the first half of the review period, the trend now appears to be slowly on the rise.

No. of Critical Incidents within Uckfield Station Admin Area

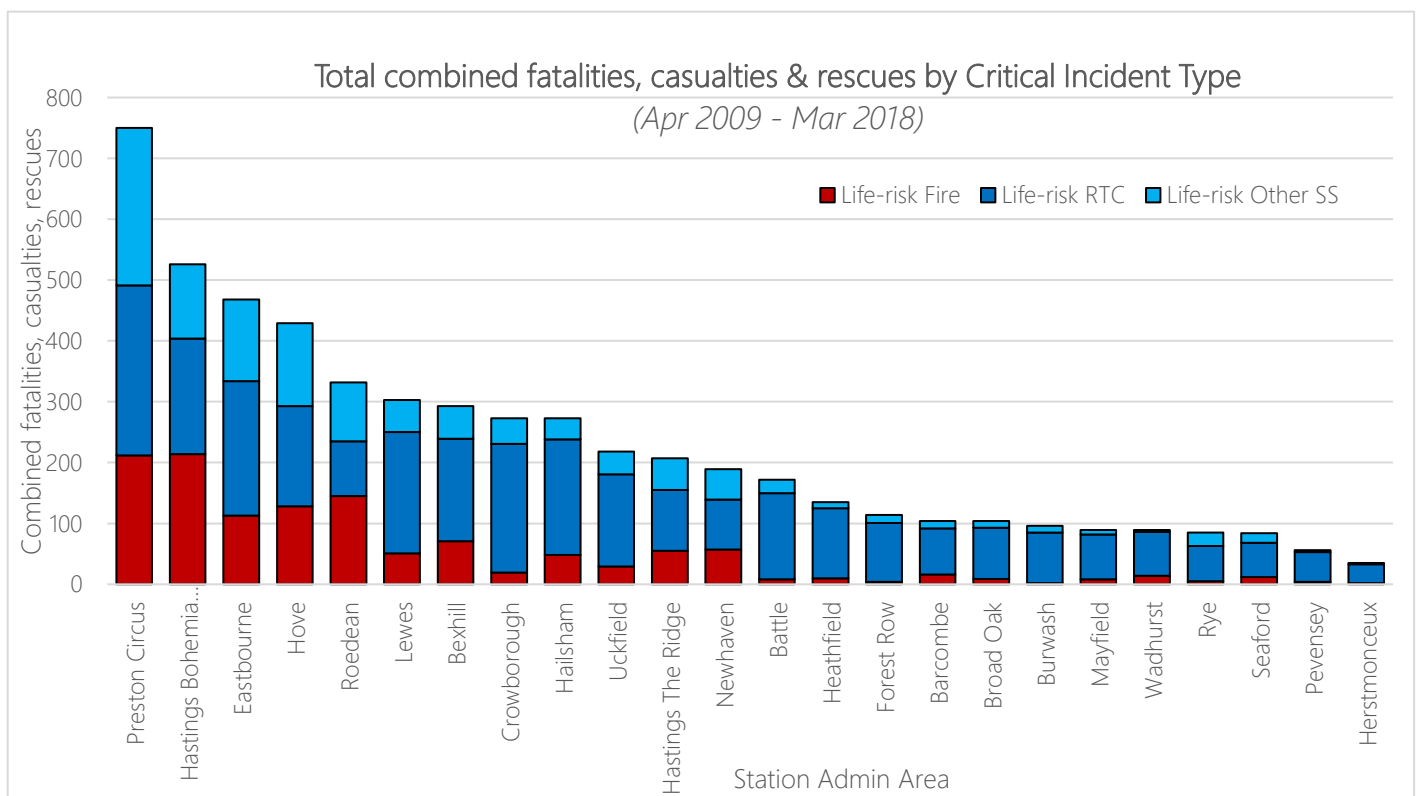
Critical Incidents	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	Total
Life-risk Fire	3	2	0	2	4	2	3	3	3	22
Life-risk RTC	16	14	12	15	11	9	13	8	15	113
Life-risk Special Serv.	9	3	6	2	2	3	4	5	3	37
Total	28	19	18	19	17	14	20	16	21	172

The table below shows the actual numbers of fatalities, casualties and rescues recorded against each critical incident type over the past 9 years. It can be seen that 172 critical incidents have resulted in 218 injuries and/or rescues over the past 9 years (24.2 fatalities, casualties, rescues per year), thus each critical incident in Uckfield area gives rise to 1.27 casualties. This is in line with the ESFRS average of 1.26 casualties to every critical incident.

No. of fatalities, casualties and rescues within Uckfield Station Area (Apr 09 – Mar 18)

Casualty Severity	Fire	RTC	Other SS.	Total
Fatal Injury	0	13	9	22
Serious Injury	1	27	8	36
Slight Injury	12	79	8	99
First Aid/Prec. Check	13	15	12	40
Rescue (No Injury)	3	18	0	21
Total Life-Risk	29	152	37	218

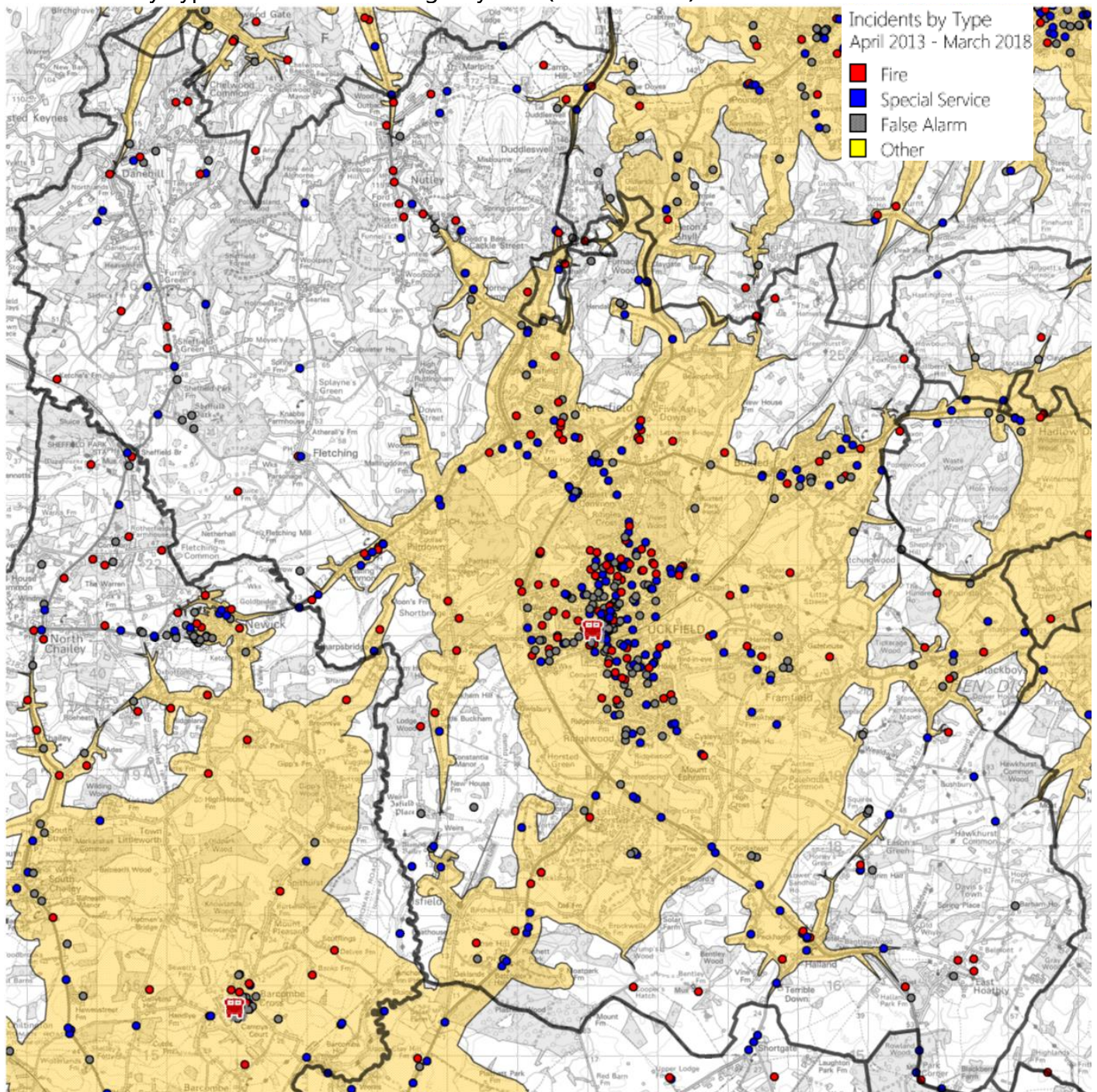
Uckfield ranks 10 out of the 24 station areas (or 4 out of 6 day-crewed areas) regarding combined numbers of fatalities, casualties and rescues as demonstrated on the following chart.



58% of incidents within Uckfield station area occurred during the daytime (between 08:30 and 18:30).

The map below shows all daytime incidents over the last 5 years, with daytime attendance standards coverage overlaid. 85% of daytime incidents fall within the attendance standards isochrone. The proportion of all incidents that fall outside of the isochrones is the 3rd highest out of all station areas. This is due to the number of incidents that occur in outlying villages within the area, particularly towards the north west of the station area, around Nutley, Sheffield Green and Danehill.

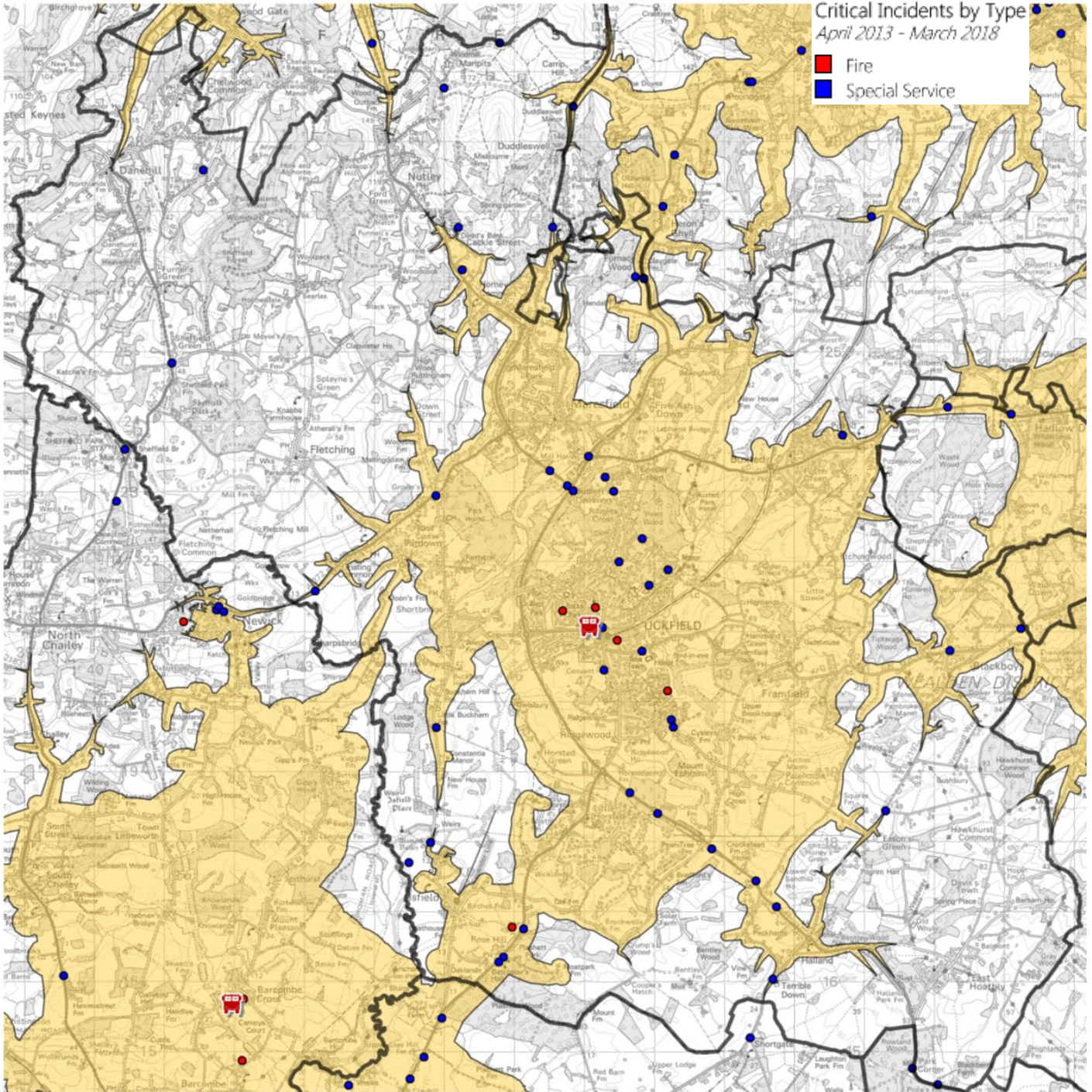
All Incidents by Type that occurred during 'daytime' (08:30 – 18:30) between 2013-18



The following map now only show critical incidents that occurred within Uckfield station area during the day.

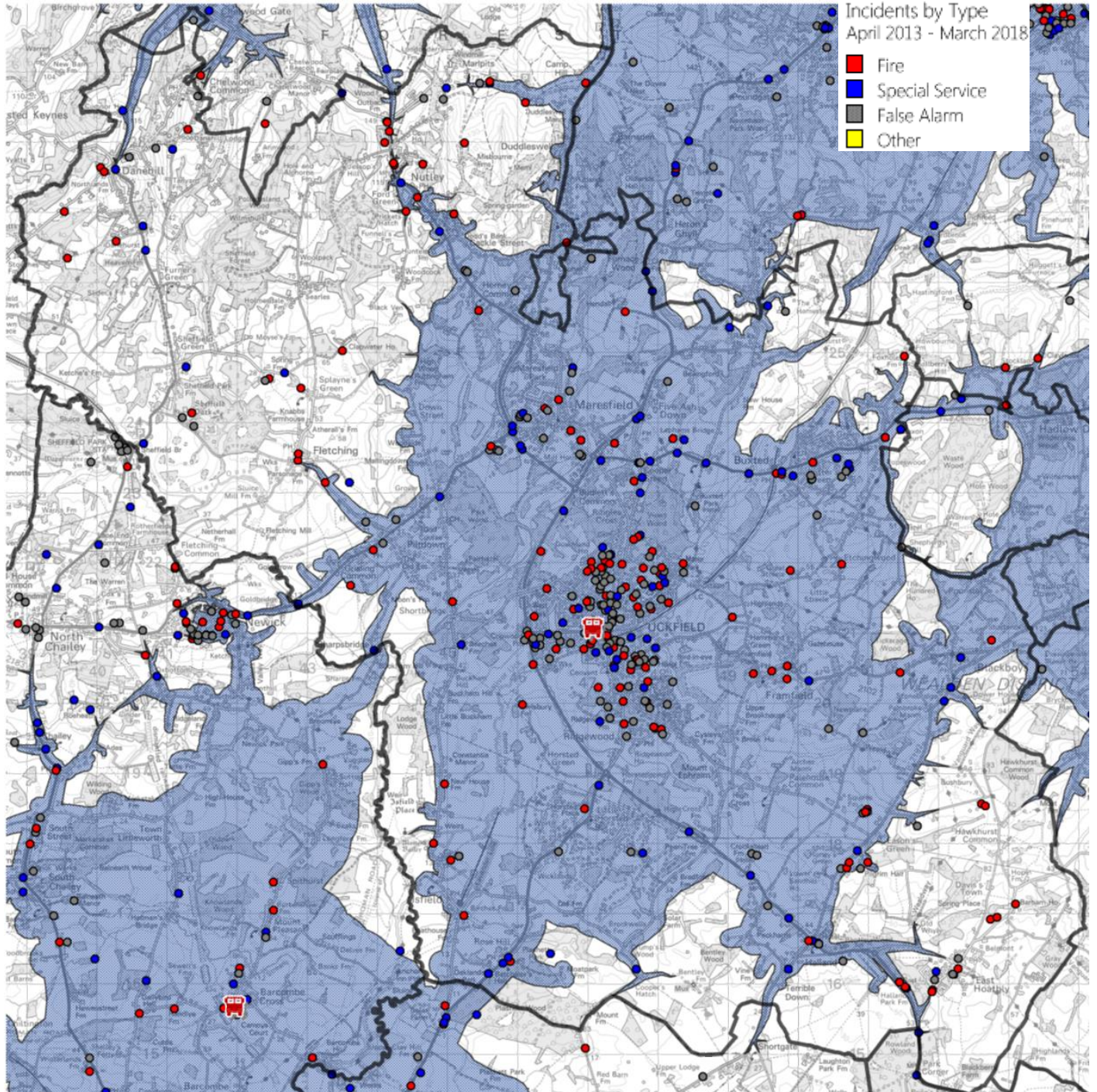
58% of these occurred during the daytime (between 08:30 and 18:30). 84% fall within the attendance standards isochrone.

Critical Incidents by Type that occurred during 'daytime' (08:30 – 18:30) between 2013-18



42% of incidents within Uckfield station area occurred during the night time (between 18:30 and 08:30). The map below shows all night time incidents over last 5 years, with night time attendance standards coverage overlaid. 87% of night time incidents fall within the attendance standards isochrone. The proportion of all incidents that fall outside of the isochrones is the 4th highest out of all station areas. This is due to the number of incidents that occur in mainly the north-west part of the station area – around Danehill, Nutley, but also the south-east around East Hoathly.

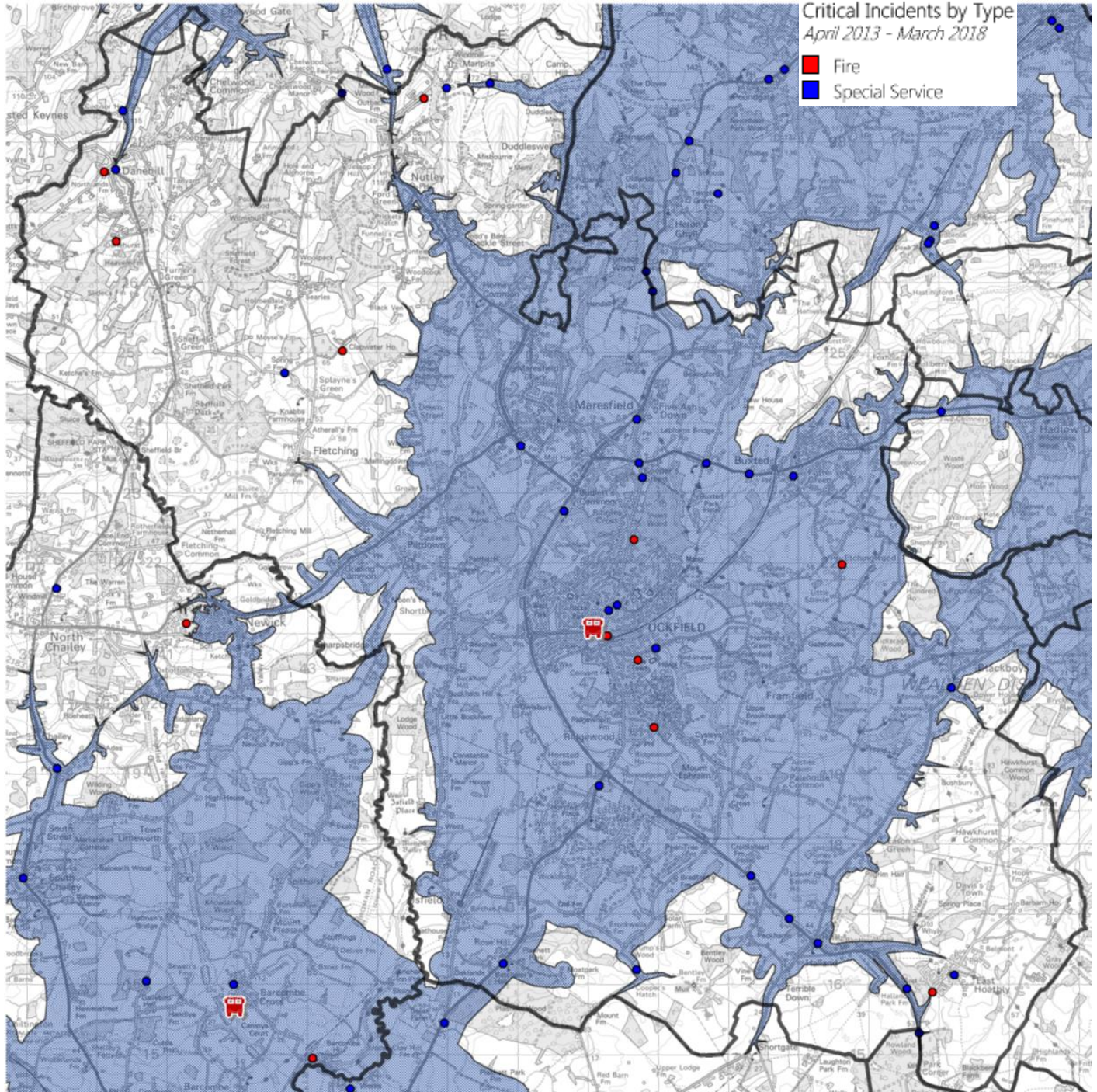
All Incidents by Type that occurred during 'night time' (18:30 – 08:30) between 2013-18



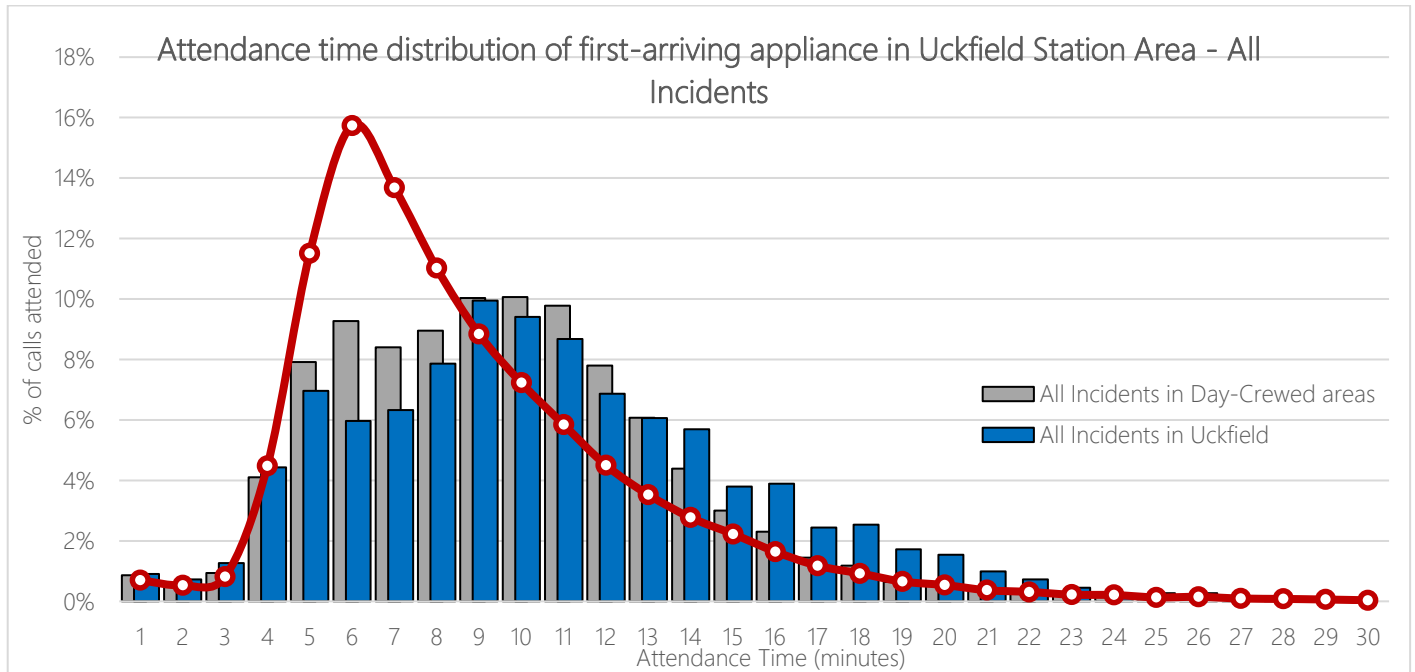
The following map now only shows critical incidents that occurred within Uckfield station area during the night.

42% of these occurred during the night time (between 18:30 and 08:30). 76% fall within the attendance standards isochrone – the third highest proportion across all station areas. However, this relates to a small incident count (i.e. 9 critical incidents outside isochrones in 5 years).

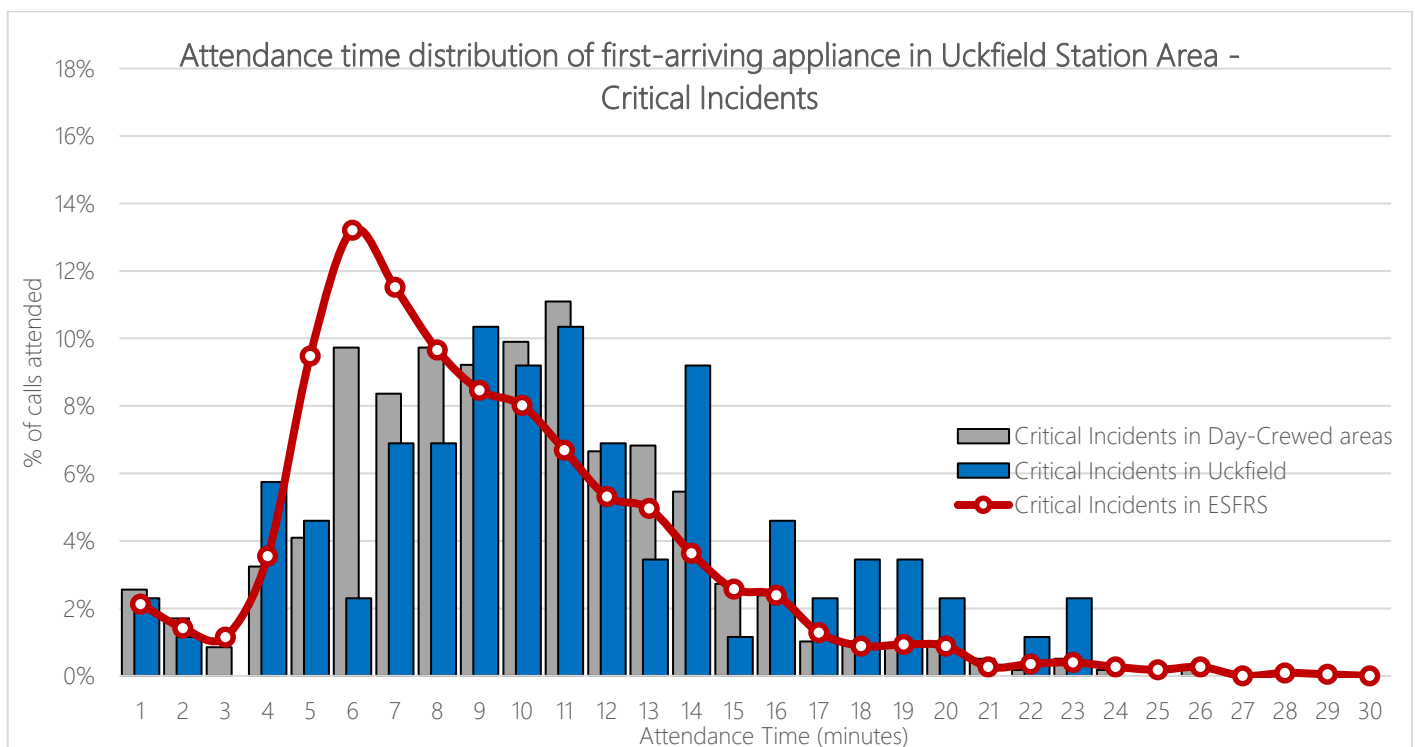
Critical Incidents by Type that occurred during 'night time' (18:30 – 08:30) between 2013-18



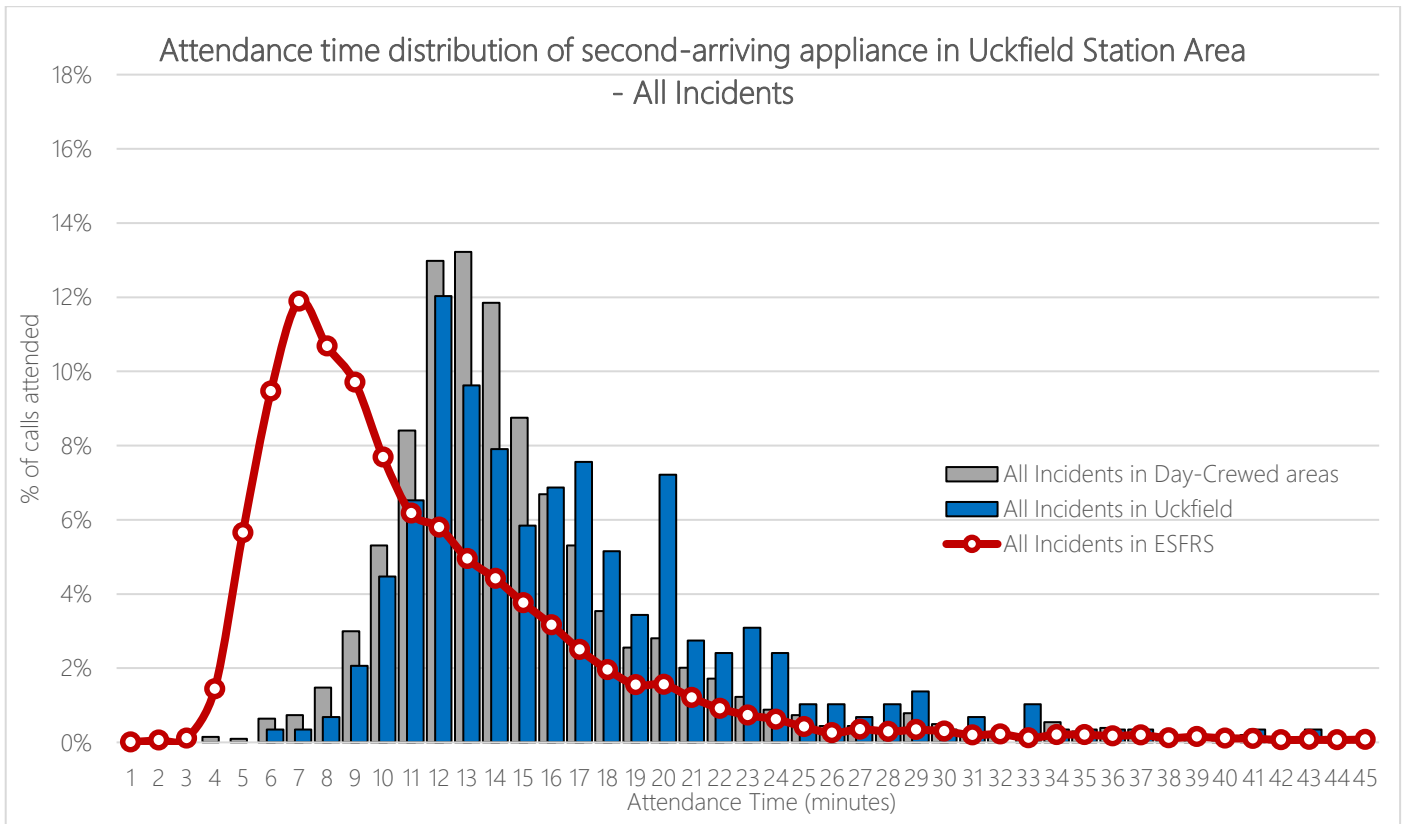
The chart below shows the distribution of response times by minute intervals. These distributions are based on 5 years of data (Apr 2013 – Mar 2018) and help understand the range of response times to all types of incidents that have occurred within Uckfield Station area, compared with other areas. It can be seen that, compared to other day-crewed station areas, there is a lower proportion of initial attendances between 5-8 minutes, but greater attendances that are 14+ minutes indicating that, overall, attendances are slightly longer than other day-crewed station areas. This is likely due to size of the station area and because a notable proportion of the station area to the north west and south east are outside of the attendance standards isochrones, thus representing areas which have extended response times.



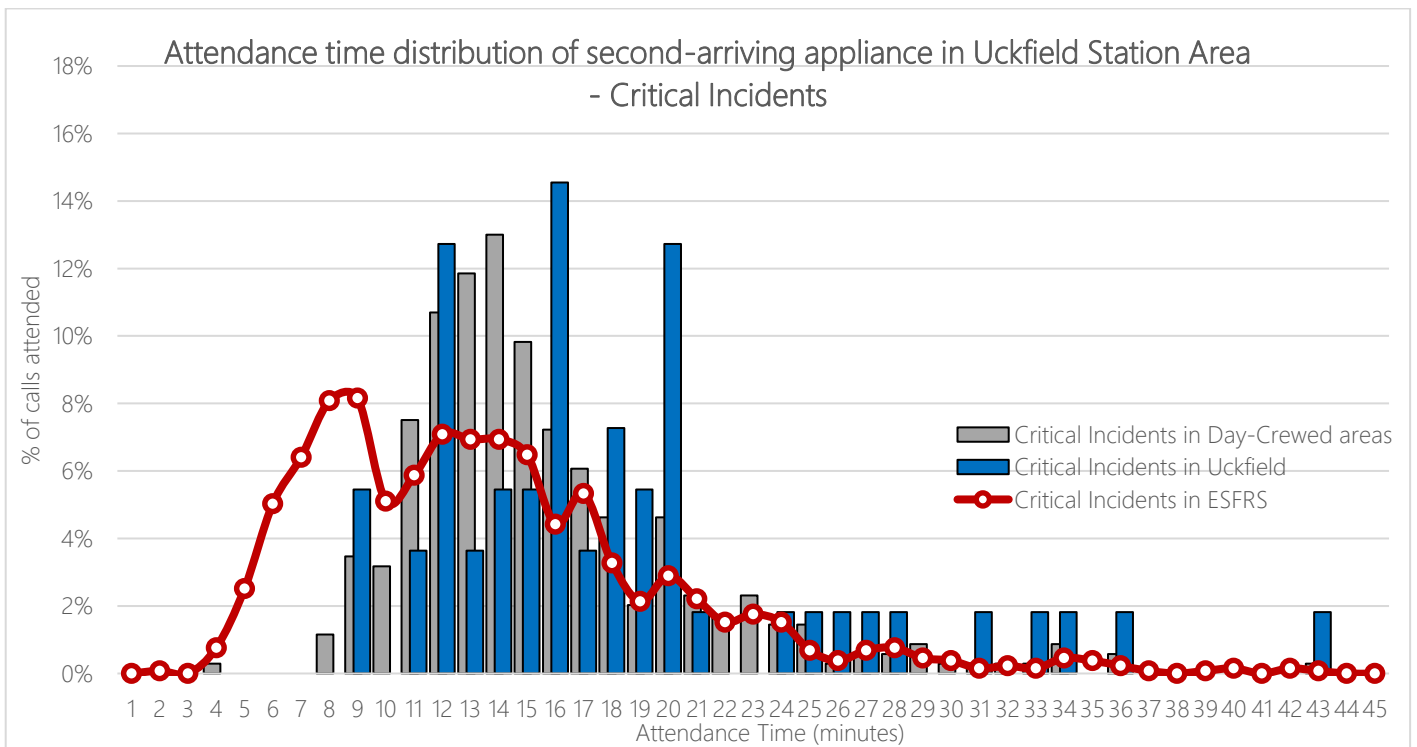
The following chart depicts similar information, but for critical incidents only. As there are fewer critical incidents within Uckfield area, the distribution curve is less uniform, but it can be seen that the dispersion of attendance times are shifted to the right compared day-crewed areas as a whole, for the reason given above.



The chart below shows the distribution of response times to all incidents by minute intervals for the second appliance (where applicable) across a five year period (Apr 2013 – Mar 2018). It can be seen that, compared to the previous charts, the attendance times peak between 12-13 minutes for the arrival of the 2nd appliance compared to 9-10 minutes for the 1st appliance. Again a greater proportion of 2nd pump attendance times are longer than the day-crewed average for ESFRS.



The chart below shows the distribution of attendance times to critical incidents across Uckfield station area for the 2nd appliance over a five year period (Apr 2013 – 2018).



The table below shows the average delay between the arrival of the first and second appliances within Uckfield station area for dwelling fires and RTCs – the two incident types represent where the majority of our life-risk incidents occur and where we typically send 2 pumping appliances as part of the initial PDA. It can be seen that, compared to other day-crewed areas, the average lag time is roughly consistent with the day-crewed average – with a delay of around 5-5.5 minutes between the arrival of the first two pumping appliances.

Incident Type	Ave. Lag Time in Uckfield	Ave. Lag Time across all Day-Crewed areas	Ave. Lag Time across ESFRS area
Primary Fire - Dwelling	05:00	04:40	03:21
Special Service - RTC	05:26	05:27	04:17

Between April 2013 and March 2018, 74% of incidents within the Uckfield station area were attended by a single fire appliance, which is slightly higher than the ESFRS total of 72% of incidents.

The table below shows, when there was a 2nd pump attendance, which appliances attended. FJE84P4 was, as you would expect, the 2nd pump attendance on 51% of occasions. Broad Oak provided the 2nd pump attendance on 15% of occasions with their P1, Uckfield's P1 itself was the 2nd arriving pump on 12% of occasions with Crowborough's Landrover attending as 2nd pump appliance on 7% of occasions.

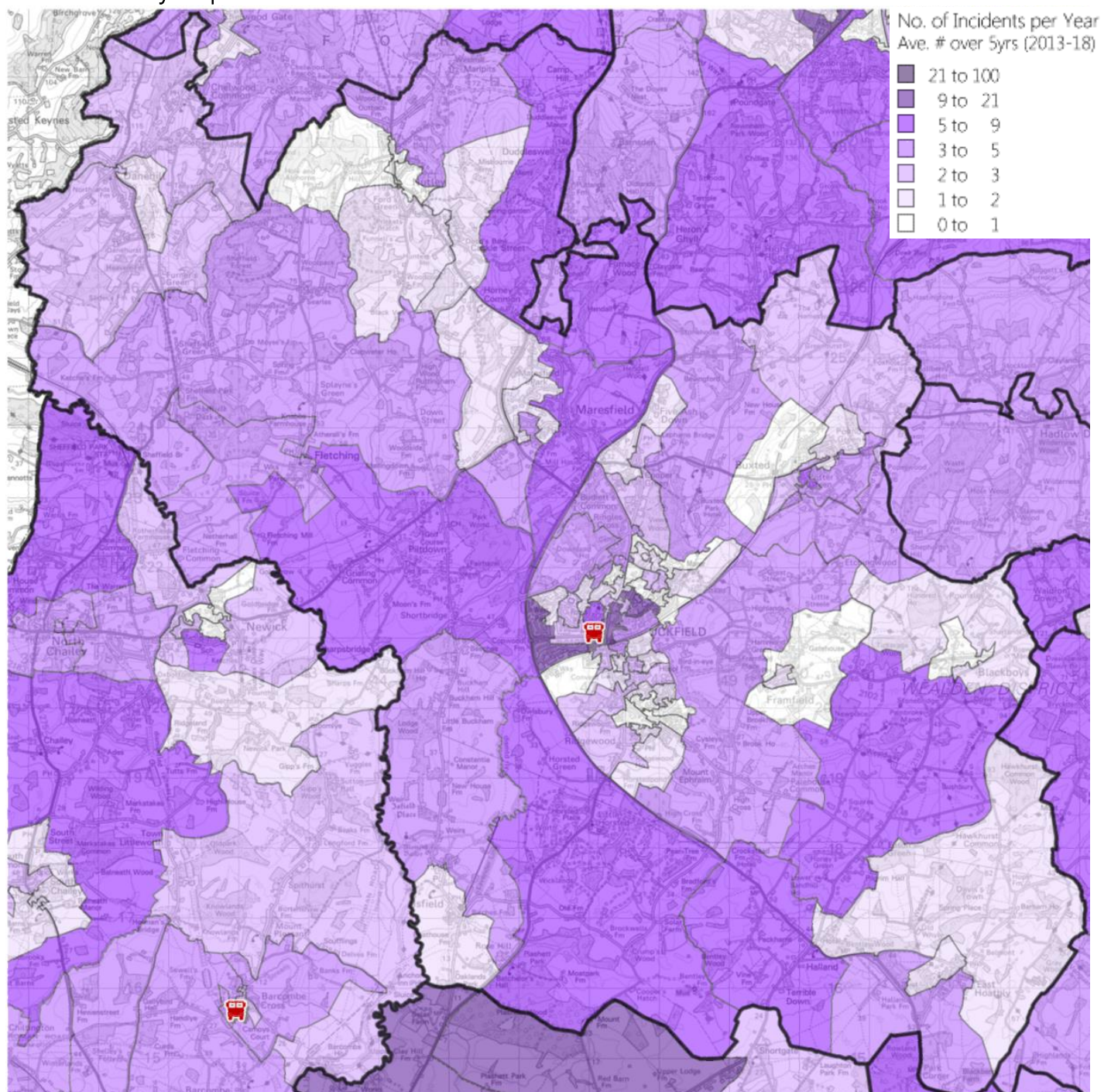
FJE84P4 (51%)	FJE83P1 (15%)	FJE84P1 (12%)	FJE83M1 (7%)	FJE89P1 (6%)	FJE82P5 (3%)	FJE88P1 (2%)	FJE85P1 (1%)	FJE83P4 (1%)	FJE82M1 (1%)	OTB Appliance (1%)
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The following map shows, by output area, the average number of incidents to which it is mobilised per year (based on a 5 year average). An Output Area (OA) is a geographic area, designed specifically for statistical purposes by the Office of National Statistics and used to aggregate Census information. An OA contains approximately 130 households, so output areas in rural communities can cover a large geographic area but an inner-city output area might only cover a street or a cluster of densely populated high-rise premises.

The map seeks to demonstrate the areas where there have been the most incidents within the Uckfield station area over the past five years. The darker the shade, the more incidents have occurred in the area. The ranges have been calculated statistically using the 'natural breaks' algorithm.

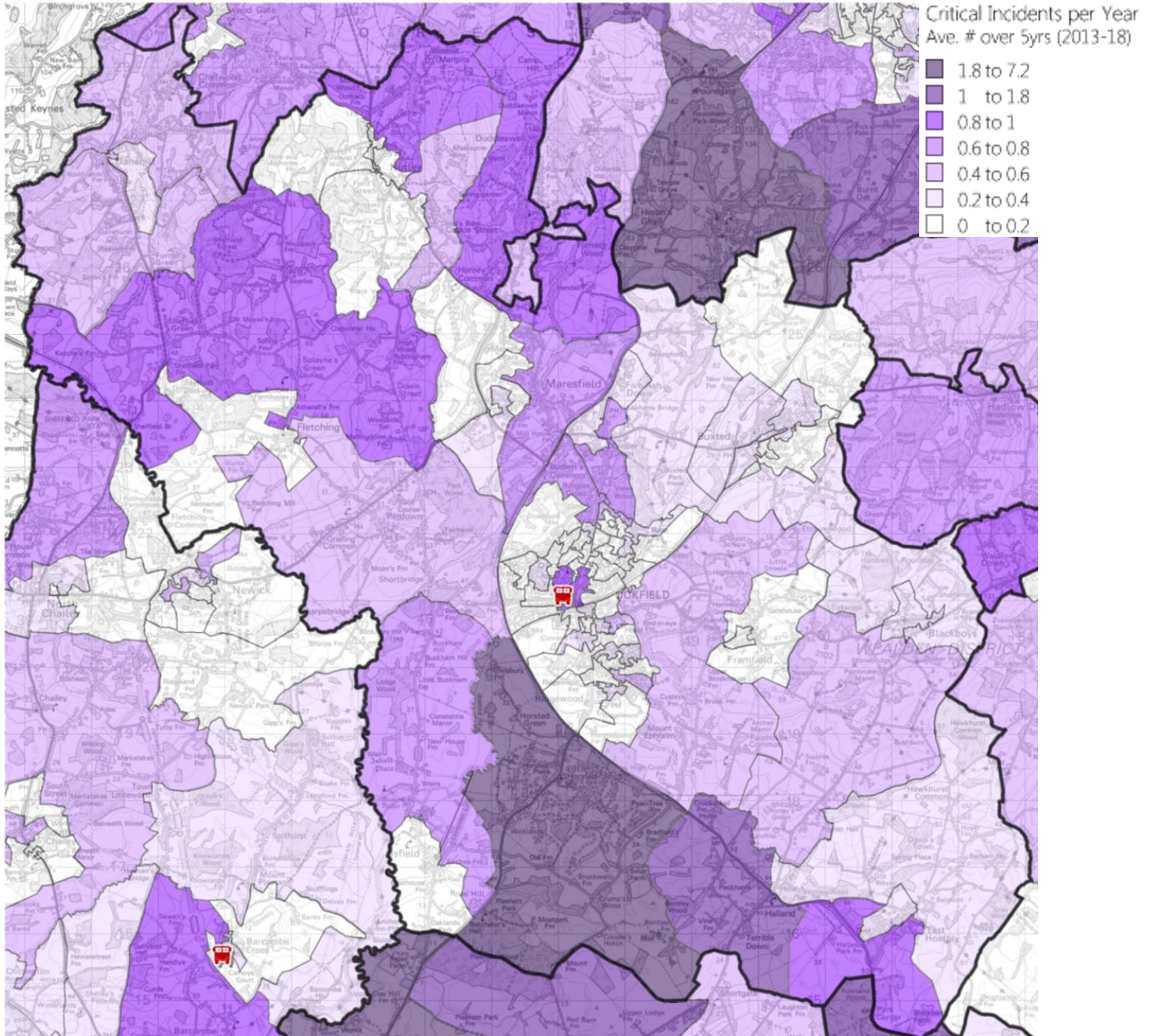
It can be seen that, aside from the areas that cover Uckfield town and out towards the A22, the other pockets of higher incident density appear in areas through which the A22 traverses. It can also be seen that there are quite a few areas which have a very low incident density.

Incident Density Map



The following map shows, by output area, the average number of critical incidents to which it is mobilised per year (based on a 5 year average). It can be seen that there is an area to the south of the town which has had a higher proportion of critical incidents over the past 5 years – the area containing the A26 by Little Horsted and A22. There are darker-shaded areas towards the north and north west of the station area also, some of which are outside of attendance standards isochrones. Please note, due to different ranges between the map below and the map above, direct colour comparisons should not be made.

Critical Incident Density Map



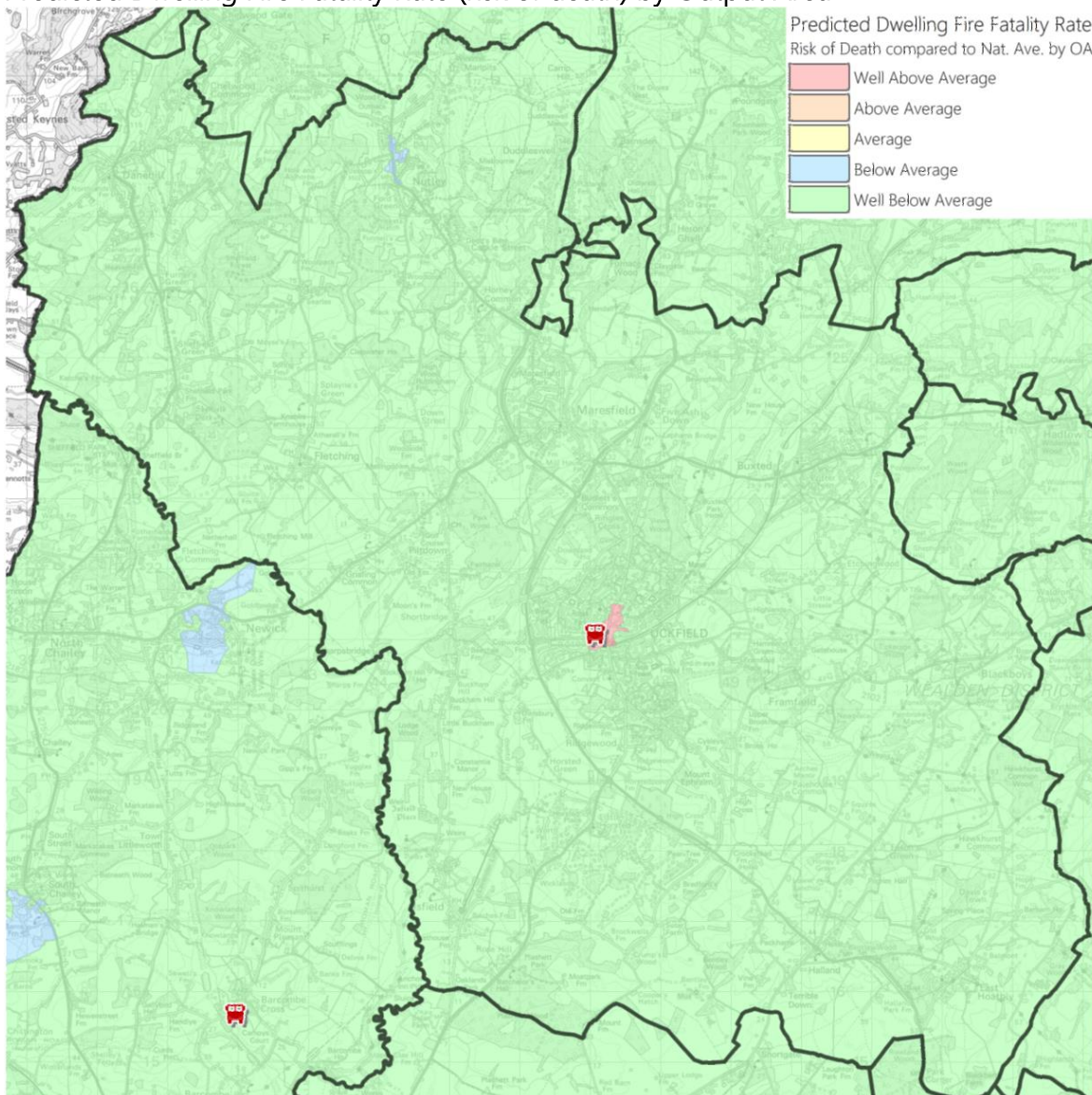
The following table illustrates the number of level 3 and 4 incidents that have occurred over the past 9 years within Uckfield station area. A level 3 incident is where between 7-9 pumping appliances are in attendance at the incident, whereas a level 4 incident represents where 10 or more pumping appliances attended. These incidents denote where significant resource was required in order to deal with a particular incident. There have been 5 level 3 incidents over the past 9 years and 1 level 4 incident.

	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	Grand Total
Level 3 (7-9 pumps)	1	2	0	0	1	0	0	1	0	5
Level 4 (10+ pumps)	0	0	0	0	0	0	1	0	0	1
Total	1	2	0	0	1	0	1	1	0	6
ESFRS Total	17	11	9	10	11	9	7	7	12	93

The following map shows the predicted dwelling fatality rate by output area, produced by the Fire Service Emergency Cover Toolkit (FSEC). FSEC calculates the predicted risk of sustaining fatal injuries in a dwelling fire taking into account fire factors in census demographics, historical incident activity and response times. The map shows where the risk is higher and/or lower than the national average.

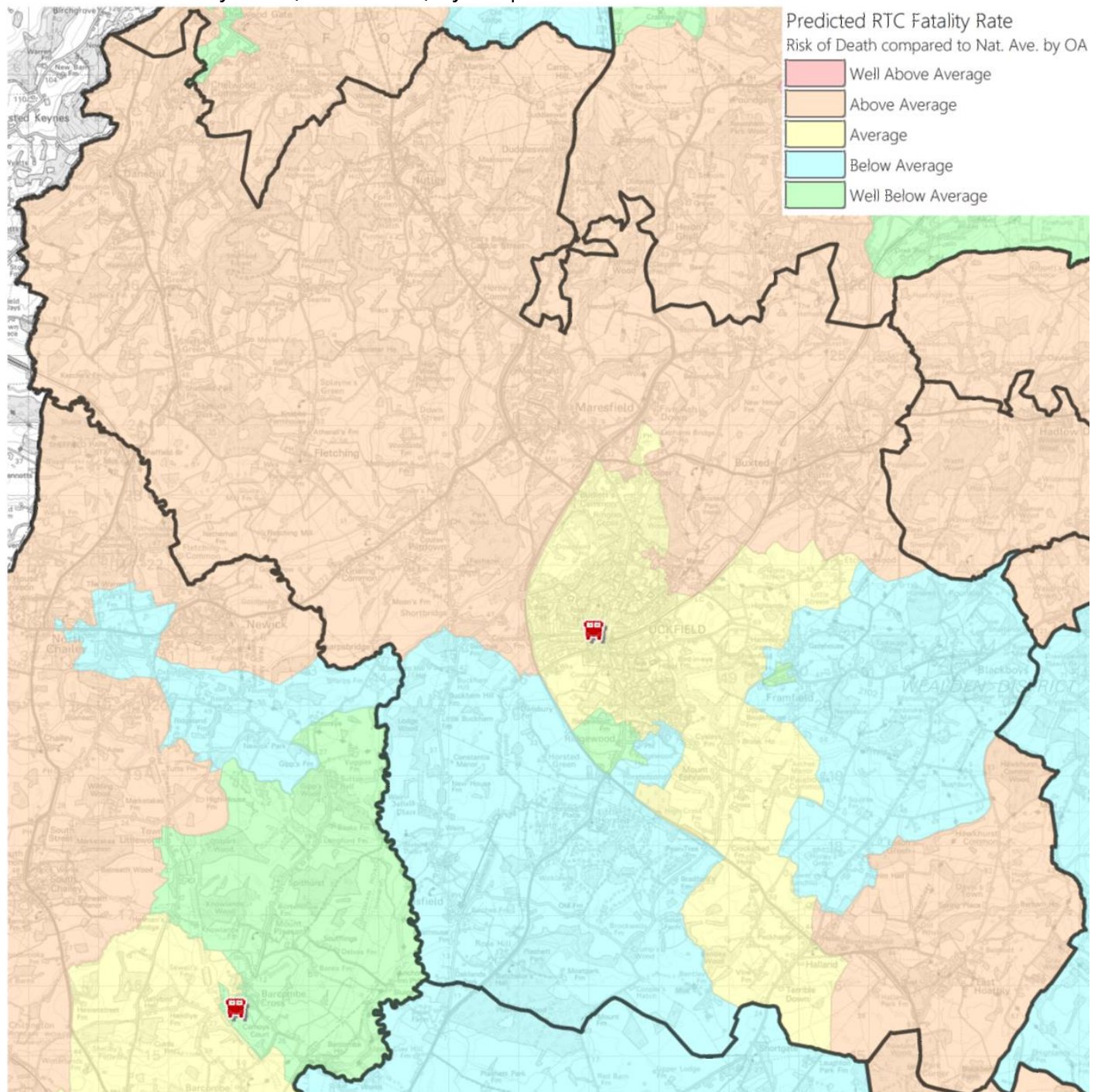
It can be seen that the Uckfield station area predominately has a well below average risk of sustaining fatal injuries in a fire compared with the national average. However, there is an output areas in the town centre of Uckfield predicted as being well above average risk. This is due to the relatively high proportion of lone pensioners living in that area, along with a number of historical dwelling fires in that area. The area is adjacent to the fire station so will not be subject to extended response times.

Predicted Dwelling Fire Fatality Rate (risk of death) by Output Area



The following map shows the predicted RTC fatality rate by output area, produced by the Fire Service Emergency Cover Toolkit. It can be seen that the areas in the north west and south east of the area are classed as above average risk compared to the national average and this will be due to the extended travel times to those areas.

Predicted RTC Fatality Rate (risk of death) by Output Area



Incidents to which Uckfield appliance(s) were mobilised

Whilst the previous section dealt with incidents within Uckfield station area irrespective of which appliances were mobilised, this section deals with incidents to which Uckfield appliances have mobilised irrespective of the geographical location of the incident.

The table below shows the average turn-out times of each pumping appliance at Uckfield. Average turn-out times have been calculated using a trim mean. Any turn-out time quicker than 30 seconds or longer than 12 minutes were not used in the calculation. It can be seen that 2017/18 saw a marked increase in the average turn-out time for FJE84P1 (during the daytime) and also for FJE84P4. However, the average turn-out time for both appliances before 2017/18 had been reducing. The average turn-out time for 84P1 across the 9 years is 01:42 during the day and 05:44 during the 'night' and 07:15 for 84P4.

Average turn-out times of Uckfield appliance(s)

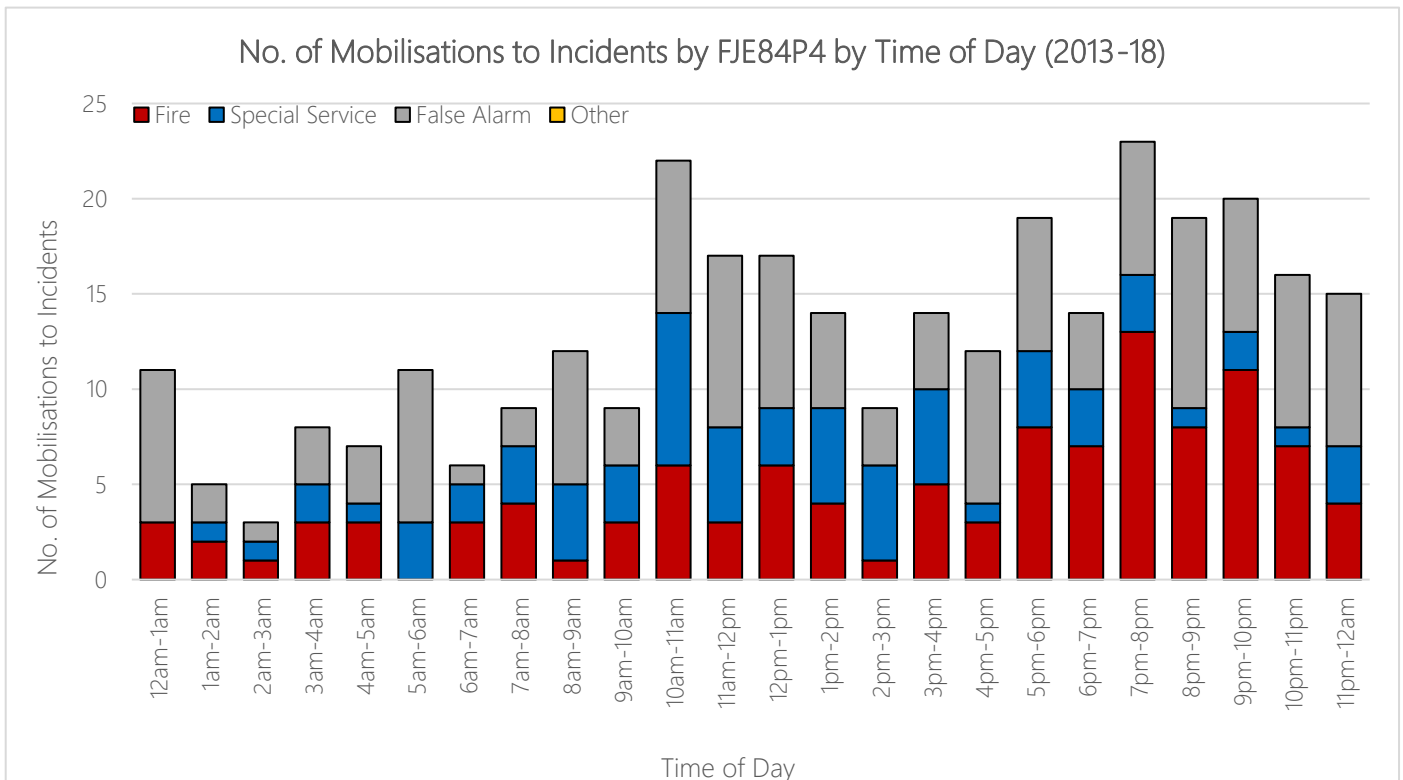
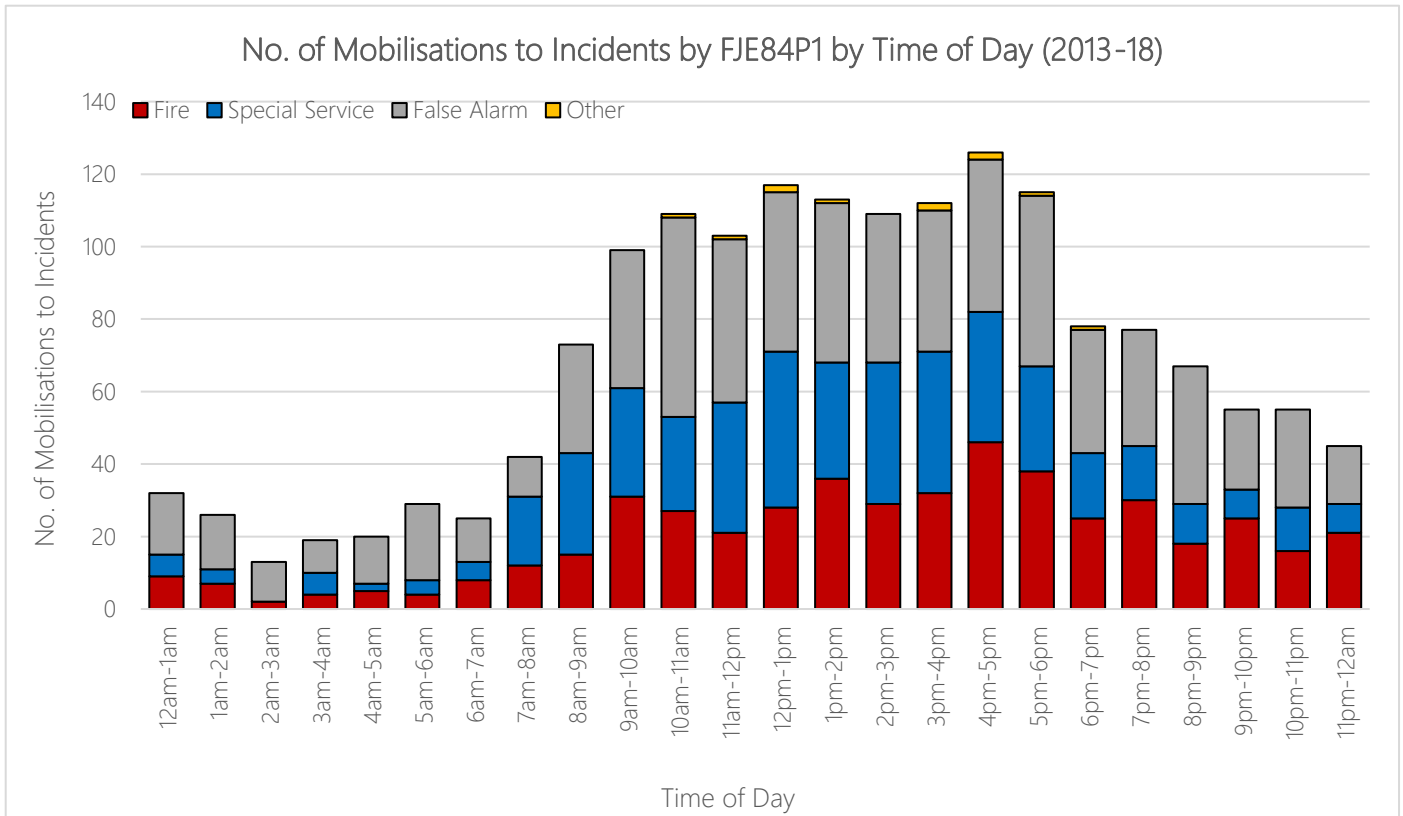
Callsign	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
FJE84P1 (Day)	01:57	01:49	01:42	01:24	01:25	01:45	01:41	01:34	01:54
FJE84P1 (Night)	05:32	05:19	06:09	06:01	05:43	05:51	06:00	05:53	05:23
FJE84P4	07:13	06:48	08:03	07:31	07:10	07:42	06:48	06:33	07:18

The following table shows the number of mobilisations each Uckfield appliance has mobilised to an incident. Over the past 9 years the number of incidents attended by ESFRS have reduced by 24%. In the same period, the number of mobilisations of FJE84P1 have reduced by 42% (ranking 13th out of the 33 pumping appliances with the greatest reduction in mobilisations). FJE84P4 mobilisations have reduced by 81% within the same period – the largest reduction in mobilisations out of all pumping appliances. However, for the P4, this isn't necessarily just a reduction in incidents but rather a reduction in its availability over the period.

Mobilisations to Incidents per year by Appliance

Appliance	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	% increase / decrease
FJE84P1	567	464	369	361	327	312	365	328	327	-42
FJE84P4	201	147	92	76	95	95	45	38	39	-81
All ESFRS Incidents	12,759	11,675	10,376	9,516	9,772	9,090	9,215	9,405	9,737	-24

The following chart(s) show the incidents to which the Uckfield appliance(s) have mobilised to by time of day.



The following tables illustrate the types of incidents to which each Uckfield appliance has mobilised to over the past 5 years. FJE84P1 mobilises to a higher proportion of fire incidents compared with the rest of ESFRS – approximately 8% more, but proportionally 6% fewer false alarms.

Mobilisations to Incidents by Appliance (Apr 2013 - Mar 2018)

Incident Type	FJE84P1	%	FJE84P4	%	All ESFRS Incidents	%
Fire	489	29.5	109	34.9	10,263	21.7
Special Service	456	27.5	69	22.1	13,332	28.2
False Alarm	703	42.4	134	42.9	22,838	48.4
Other	11	0.7	0	0.0	786	1.7
All Incident Types	1,659	-	312	-	47,219	-

Detailed Breakdown of Incident Types by Appliance (Apr 2013 - Mar 2018)

Incident Type	FJE84P1	%	FJE84P4	%	All ESFRS Incidents	%
Primary Fire - Dwelling	147	8.9	56	17.9	2,871	6.1
Primary Fire - Non Residential	74	4.5	18	5.8	984	2.1
Primary Fire - Other Residential	14	0.8	6	1.9	265	0.6
Primary Fire - Other transport vehicle	0	0.0	0	0.0	14	0.0
Primary Fire - Outdoor	28	1.7	3	1.0	396	0.8
Primary Fire - Road Vehicle	66	4.0	13	4.2	1,256	2.7
Chimney Fire	61	3.7	7	2.2	717	1.5
Secondary Fire - Dwelling	0	0.0	0	0.0	25	0.1
Secondary Fire - Non Residential	3	0.2	1	0.3	64	0.1
Secondary Fire - Other Residential	0	0.0	0	0.0	0	0.0
Secondary Fire - Other transport vehicle	0	0.0	0	0.0	2	0.0
Secondary Fire - Outdoor	95	5.7	5	1.6	3,561	7.5
Secondary Fire - Road Vehicle	0	0.0	0	0.0	58	0.1
Fire - Classification Not Recorded	1	0.1	0	0.0	50	0.1
Special Service - Advice Only	1	0.1	1	0.3	150	0.3
Special Service - Animal assistance incidents	47	2.8	1	0.3	1,050	2.2
Special Service - Assist other agencies	12	0.7	0	0.0	767	1.6
Special Service - Effecting Entry/Exit	37	2.2	3	1.0	1,817	3.8
Special Service - Evacuation (no fire)	1	0.1	0	0.0	13	0.0
Special Service - Flooding	36	2.2	6	1.9	1,956	4.1
Special Service - Hazardous Materials	10	0.6	0	0.0	133	0.3
Special Service - Lift Release	20	1.2	5	1.6	1,728	3.7
Special Service - Making Safe (not RTC)	15	0.9	1	0.3	834	1.8
Special Service - Medical Incident	3	0.2	0	0.0	101	0.2
Special Service - No action (not false alarm)	15	0.9	1	0.3	325	0.7
Special Service - Other rescue/release of persons	12	0.7	2	0.6	447	0.9
Special Service - Other Transport	14	0.8	2	0.6	136	0.3
Special Service - Removal of objects from people	7	0.4	1	0.3	261	0.6
Special Service - Removal of people from objects	1	0.1	0	0.0	146	0.3
Special Service - Rescue or evacuation from water	2	0.1	2	0.6	43	0.1
Special Service - RTC	196	11.8	42	13.5	2,374	5.0
Special Service - Spills and Leaks (not RTC)	14	0.8	1	0.3	495	1.0
Special Service - Stand By	0	0.0	0	0.0	6	0.0
Special Service - Suicide	3	0.2	0	0.0	71	0.2
Special Service - Unknown	10	0.6	1	0.3	471	1.0
Special Service - Water provision	0	0.0	0	0.0	8	0.0
False Alarm - Apparatus	499	30.1	92	29.5	15,820	33.5
False Alarm - Good Intent	196	11.8	39	12.5	6,255	13.2
False Alarm - Malicious	7	0.4	3	1.0	601	1.3
False Alarm - Unknown	1	0.1	0	0.0	162	0.3
Other	11	0.7	0	0.0	786	1.7
Total	1,659	-	312	-	47,219	-

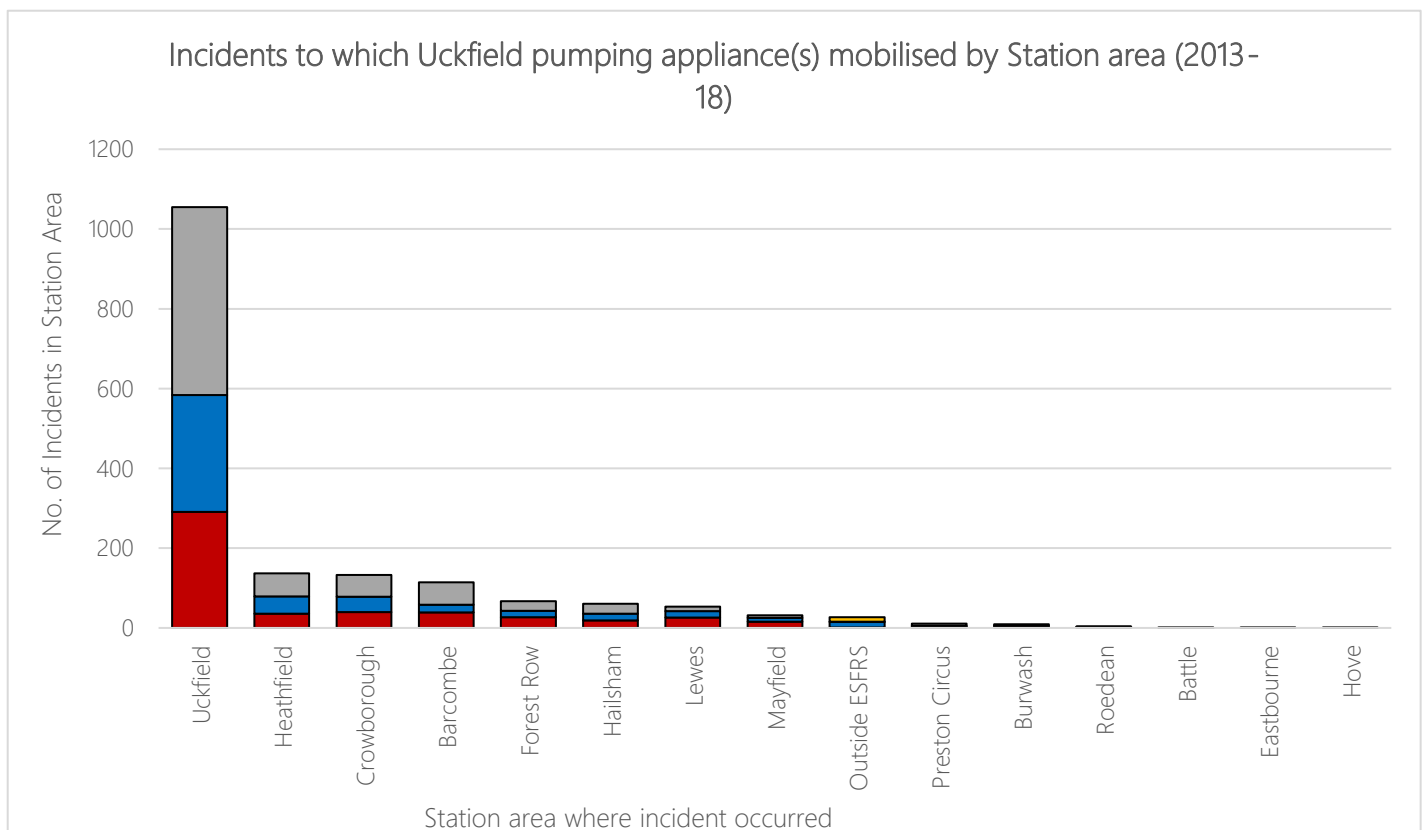
The following table demonstrates the number of times each pumping appliance at Uckfield has been mobilised to an incident between 2013 and 2018, broken down by the station area to which it was mobilised. This includes incidents where the Uckfield appliance(s) may not have arrived at the incident due to being stood-down en-route.

No. of mobilisations to ALL incidents (Apr 2013- March 2018)

No. of Mobilisations to Incidents	Appliance Callsign	Barcombe	Battle	Burwash	Crowborough	Eastbourne	Forest Row	Hailsham	Heathfield	Hove	Lewes	Mayfield	Preston Circus	Roedean	Uckfield	Outside ESFRS	Grand Total
5 Year Total (2013-18)	FJE84P1	109	1	9	132	-	66	60	136	1	50	32	11	4	1,022	26	1,659
Ave. Per Year	FJE84P1	22	0	2	26	-	13	12	27	0	10	6	2	1	204	5	332
% by Station Area	FJE84P1	6.6	0.1	0.5	8.0	-	4.0	3.6	8.2	0.1	3.0	1.9	0.7	0.2	61.6	1.6	100.0
5 Year Total (2013-18)	FJE84P4	14	-	-	9	1	5	5	11	-	6	4	-	-	256	1	312
Ave. Per Year	FJE84P4	3	-	-	2	0	1	1	2	-	1	1	-	-	51	0	62
% by Station Area	FJE84P4	4.5	-	-	2.9	0.3	1.6	1.6	3.5	-	1.9	1.3	-	-	82.1	0.3	100.0

It can be seen that the primary pumping appliance at Uckfield (84P1) is mobilised to an incident, on average, 332 times per year and on 62% of occasions, this is to its own station area. 8% of occasions it is to Heathfield and Crowborough respectively and 7% of the time into Barcombe’s station area. 2% of mobilisations are over-border. 84P4 mobilises to an incident 62 times per year and 82% of the time this is to its own area, with the next greatest proportion being in Barcombe (5%).

Between April 2013 and March 2018 there have been 1,706 mobilisations to incidents by an Uckfield appliance, as shown in the graph below.



N.B. The overborder figure will likely be higher as these figures are calculated from data held within ESFRS Incident Recording System only. For over-border incidents where both Uckfield and an over-border FRS attend, the incident is recorded in the over-border FRS's Incident Recording System.

The following table demonstrates the number of times each pumping appliance at Uckfield has been mobilised to a critical incident between 2013 and 2018, broken down by the station area to which it was mobilised. This includes incidents where the Uckfield appliance(s) may not have arrived at the incident due to being stood-down en-route. 84P1 mobilises to a critical incident, on average, 34 times per year and on 46% of occasions, this is within the Uckfield station area. 15% of occasions it is in Crowborough and 12% of occasions in Heathfield.

No. of mobilisations to **CRITICAL** incidents (Apr 2013 – Mar 2018)

No. of Mobilisations to Critical Incidents	Appliance Callsign	Barcombe	Crowborough	Forest Row	Hailsham	Heathfield	Hove	Lewes	Mayfield	Roedean	Uckfield	Outside ESFRS	Grand Total
5 Year Total (2013-18)	FJE84P1	10	26	7	11	20	1	10	4	1	79	2	171
Ave. Per Year	FJE84P1	2	5	1	2	4	0	2	1	0	16	0	34
% by Station Area	FJE84P1	5.8	15.2	4.1	6.4	11.7	0.6	5.8	2.3	0.6	46.2	1.2	100.0
5 Year Total (2013-18)	FJE84P4	2	3	1	1	2	-	1	1	-	34	-	45
Ave. Per Year	FJE84P4	0	1	0	0	0	-	0	0	-	7	-	9
% by Station Area	FJE84P4	4.4	6.7	2.2	2.2	4.4	-	2.2	2.2	-	75.6	-	100.0

The table(s) below show the performance over 5 years of each pumping appliance when it is the first arriving appliance at an incident. Attendance times are calculated from time of call to time of arrival of the first fire appliance. Given that our attendance standards for the first-arriving fire appliance are:

- On-station response: 10 minutes 70% of occasions
- On-call response: 15 minutes 70% of occasions

It can be seen that over the last 5 years, on arriving first, FJE84P1 has attended 47% of incidents in 10 minutes and 81% of incidents in 15 minutes. 84P4 has attended 79% of incidents in 15 minutes.

Incidents attended within X minutes by **FJE84P1** where first-arriving appliance (Apr 2013 – Mar 2018)

Performance of FJE84P1 as first arriving appliance	< 5 mins	< 8 mins	< 10 mins	< 13 mins	< 15 mins	< 20 mins	Total Incidents
All Incidents	155 (12%)	379 (30%)	591 (47%)	876 (69%)	1017 (81%)	1191 (94%)	1,261
Critical Incidents	13 (13%)	26 (25%)	45 (43%)	73 (70%)	86 (83%)	100 (96%)	104

Incidents attended within X minutes by **FJE84P4** where first-arriving appliance (Apr 2013 – Mar 2018)

Performance of FJE84P4 as first arriving appliance	< 5 mins	< 8 mins	< 10 mins	< 13 mins	< 15 mins	< 20 mins	Total Incidents
All Incidents	1 (2%)	6 (13%)	13 (28%)	26 (55%)	32 (68%)	41 (87%)	47
Critical Incidents	0 (%)	1 (17%)	1 (17%)	3 (50%)	4 (67%)	6 (100%)	6

The table below shows appliance availability between April 2009 and March 2018. The data is calculated on unavailability due to staffing and does not include when appliances are off-the-run due to mechanical issues.

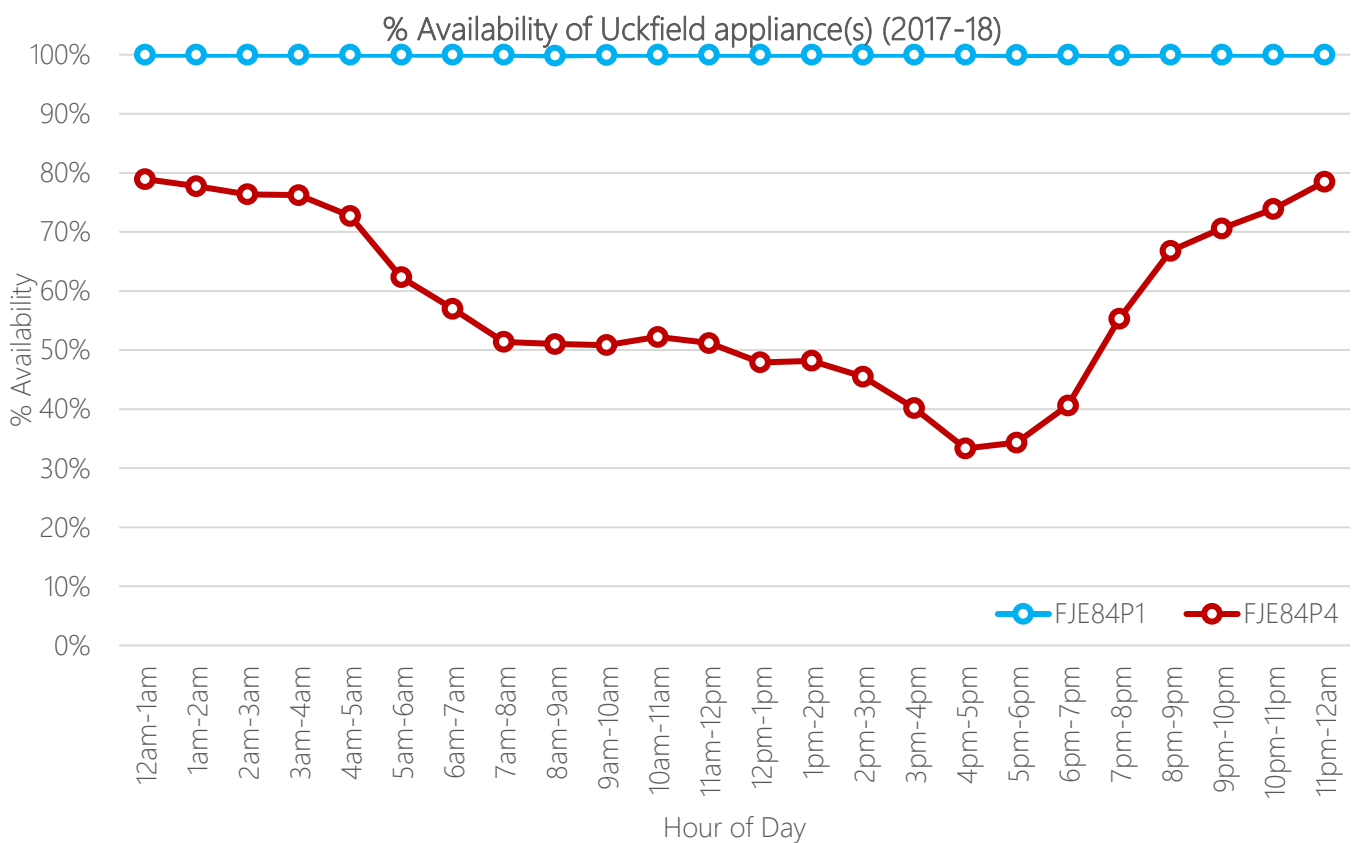
Whilst the primary pumping appliance has remained available nearly 100% of the time over 9 year period, it can be seen that the availability of FJE84P4 has consistently reduced over the last 5 years so that it is now only available around 58% of the time.

Appliance Availability

Callsign	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
FJE84P1	100.0	100.0	100.0	100.0	99.6	98.4	100.0	100.0	100.0
FJE84P4	83.5	85.8	90.1	80.8	90.9	88.9	67.6	58.7	58.0

The chart below shows the percentage availability of the appliance(s) at Uckfield for each hour of the day during the most recent year (2017/18).

It can be seen that availability of FJE84P4 dips significantly between 5am and 8pm where it is available, on average, 50% of the time, dipping to around 35% between 3-6pm, before rising again to a maximum of just under 80% availability between 11pm and 4am.



OTB attendances into Uckfield (where ESFRS did not attend)

Kent FRS attended 1 incident in Uckfield station area, where ESFRS did not attend, from 2009-2018. This information is stored in Kent's IRS system. West Sussex attended 2 incidents in Uckfield station area where ESFRS did not attend over the same period. This means that for all the incidents in Uckfield from 2009-2018, over border attendances where ESFRS did not attend comprise 0.1% of all incidents in station area.

FRS Attending	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Kent into Uckfield Area	0	0	0	1	0	0	0	0	0	1
West Sussex into Uckfield Area	1	0	0	0	0	1	0	0	0	2
Total OTB FRS into ESFRS	64	57	73	83	84	53	66	60	77	617

Standby cover moves

The following section provides details of standby moves between April 2009 and March 2018. Please note, the figures do not represent actual incidents where we have attended (e.g. standby no action). Rather, the figures below constitute the non-emergency cover moves that are made as part of SCC fire cover and policy decisions.

Uckfield appliances made 427 standby moves between April 2009 and March 2018, accounting for 4.2% of all standby moves for ESFRS. Overall, the number of standbys has been relatively steady. However, there has been a sharp increase in 2017/18. The number of standbys is 3 times higher in 2017/18 compared to 2009/10.

Standbys (% Service Wide Within Year)										
	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	Grand Total
84P1	29 (3.8%)	27 (3.4%)	37 (4.2%)	44 (4.6%)	48 (4.8%)	47 (5.6%)	40 (3.7%)	48 (3.1%)	83 (3.6%)	403 (4%)
84P4	0 (0%)	1 (0.1%)	6 (0.7%)	1 (0.1%)	0 (0%)	4 (0.5%)	4 (0.4%)	1 (0.1%)	7 (0.3%)	24 (0.2%)
Uckfield Total	29 (3.8%)	28 (3.5%)	43 (4.9%)	45 (4.8%)	48 (4.8%)	51 (6.1%)	44 (4.1%)	49 (3.1%)	90 (3.9%)	427 (4.2%)
ESFRS Total	773	795	877	947	1,010	835	1,086	1,556	2,301	10,180

34% of Uckfield's standbys are in Uckfield itself, accounting for 20% of all standbys in Uckfield. 30% of standbys were in Crowborough (21% of all Crowborough standbys) and 23% in Lewes. 5% of Uckfield's standby moves are to over border stations.

Standby Locations (% Within Area / Appliance)				
Standby Location	84P1	84P4	Uckfield Total	Total Standbys at Location
Uckfield	137 (34%)	9 (37.5%)	146 (34.2%)	730
Crowborough	116 (28.8%)	8 (33.3%)	124 (29%)	598
Lewes	98 (24.3%)	2 (8.3%)	100 (23.4%)	1142
Haywards Heath	17 (4.2%)	0 (0%)	17 (4%)	34
Preston Circus	10 (2.5%)	1 (4.2%)	11 (2.6%)	371
Roedean	8 (2%)	0 (0%)	8 (1.9%)	1272
Heathfield	3 (0.7%)	1 (4.2%)	4 (0.9%)	23
Hove	4 (1%)	0 (0%)	4 (0.9%)	450
Burgess Hill	2 (0.5%)	1 (4.2%)	3 (0.7%)	29
Newhaven	3 (0.7%)	0 (0%)	3 (0.7%)	507
Battle	2 (0.5%)	0 (0%)	2 (0.5%)	659
Eastbourne	0 (0%)	2 (8.3%)	2 (0.5%)	669
Crawley	1 (0.2%)	0 (0%)	1 (0.2%)	2
Hastings Bohemia	1 (0.2%)	0 (0%)	1 (0.2%)	1495
Hastings Ridge	1 (0.2%)	0 (0%)	1 (0.2%)	1245
Total	403	24	427	-

Special Appliances

The following section provides details of mobilisations and attendances of special appliances based at Uckfield fire station over the past 9 years. The following table illustrates the total number of mobilisations for each special appliance, broken down by year.

Callsign	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	9 Yr Total	5 Yr Average
FJE84T1	13	17	22	13	14	14	11	11	13	128	13
FJE84W1	16	18	25	15	20	18	16	12	17	157	17

The dual-purpose truck (84T1) mobilises, on average, 13 times per year and the water carrier (84W1) mobilises, on average, 17 times per year. This number has been fairly consistent over the time period with no significant increases or decreases in the numbers of mobilisations.

The following tables shows the total number of mobilisations of 84T1 and 84W1, and what station area they were mobilised to (April 2009 – March 2018).

Station Area	FJE84T1			FJE84W1		
	Total Mobs (% Tot. Mobs)	Total Att. (% Tot. Att.)	% Did Not Arrive	Total Mobs (% Tot. Mobs)	Total Att. (% Tot. Att.)	% Did Not Arrive
Barcombe	12 (9.4%)	6 (6.9%)	6 (50.0%)	15 (9.6%)	12 (10.7%)	3 (20.0%)
Battle	11 (8.6%)	8 (9.2%)	3 (27.3%)	11 (7.0%)	8 (7.1%)	3 (27.3%)
Bexhill	4 (3.1%)	4 (4.6%)	0 (0.0%)	5 (3.2%)	5 (4.5%)	0 (0.0%)
Broad Oak	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Burwash	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.6%)	1 (0.9%)	0 (0.0%)
Crowborough	10 (7.8%)	8 (9.2%)	2 (20.0%)	10 (6.4%)	9 (8.0%)	1 (10.0%)
Eastbourne	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.6%)	1 (0.9%)	0 (0.0%)
Forest Row	7 (5.5%)	5 (5.7%)	2 (28.6%)	9 (5.7%)	6 (5.4%)	3 (33.3%)
Hailsham	16 (12.5%)	13 (14.9%)	3 (18.8%)	19 (12.1%)	18 (16.1%)	1 (5.3%)
Hastings Bohemia Rd	4 (3.1%)	3 (3.4%)	1 (25.0%)	5 (3.2%)	4 (3.6%)	1 (20.0%)
Hastings The Ridge	5 (3.9%)	2 (2.3%)	3 (60.0%)	6 (3.8%)	3 (2.7%)	3 (50.0%)
Heathfield	6 (4.7%)	5 (5.7%)	1 (16.7%)	7 (4.5%)	6 (5.4%)	1 (14.3%)
Herstmonceux	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Hove	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.6%)	0 (0.0%)	1 (100.0%)
Lewes	16 (12.5%)	10 (11.5%)	6 (37.5%)	19 (12.1%)	13 (11.6%)	6 (31.6%)
Mayfield	4 (3.1%)	3 (3.4%)	1 (25.0%)	4 (2.5%)	2 (1.8%)	2 (50.0%)
Newhaven	1 (0.8%)	1 (1.1%)	0 (0.0%)	1 (0.6%)	1 (0.9%)	0 (0.0%)
Pevensey	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Preston Circus	1 (0.8%)	1 (1.1%)	0 (0.0%)	2 (1.3%)	1 (0.9%)	1 (50.0%)
Roedean	2 (1.6%)	2 (2.3%)	0 (0.0%)	2 (1.3%)	2 (1.8%)	0 (0.0%)
Rye	1 (0.8%)	0 (0.0%)	1 (100.0%)	1 (0.6%)	0 (0.0%)	1 (100.0%)
Seaford	1 (0.8%)	1 (1.1%)	0 (0.0%)	3 (1.9%)	3 (2.7%)	0 (0.0%)
Uckfield	10 (7.8%)	10 (11.5%)	0 (0.0%)	17 (10.8%)	14 (12.5%)	3 (17.6%)
Wadhurst	3 (2.3%)	2 (2.3%)	1 (33.3%)	3 (1.9%)	2 (1.8%)	1 (33.3%)
Outside ESFRS	14 (10.9%)	3 (3.4%)	11 (78.6%)	15 (9.6%)	1 (0.9%)	14 (93.3%)
All Mobilisations	128	87	41 (32.0%)	157	112	45 (28.7%)

Out of all incidents attended by FJE84T1, 15% were to the Hailsham area, which represents the largest proportion of incidents. It attended both Uckfield and Lewes station areas on 12% of occasions – but did not book in attendance at Lewes 38% of the time.

Out of all incidents attended by FJE84W1, 16% were to the Hailsham area, which represents the largest proportion of incidents. 13% of incidents it attended were in its own station area, followed by 12% in Lewes and 11% in Barcombe.

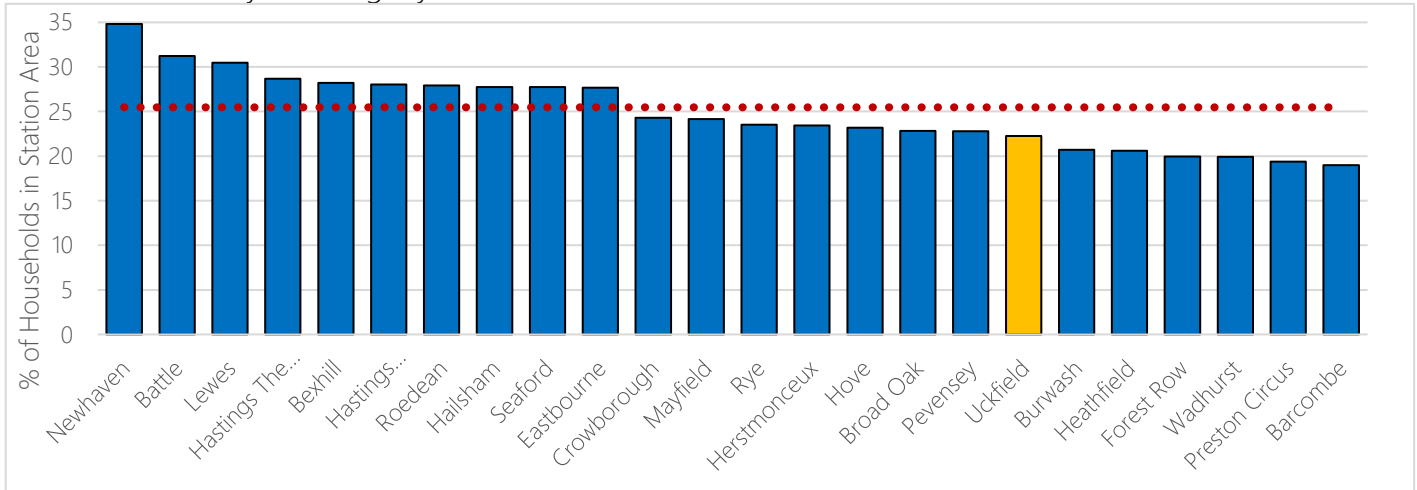
Overall, it can be seen that on 32% of occasions, FJE84T1 was mobilised, but did not book in attendance at the incident. Similarly, 29% of FJE84W1 mobilisations did not result in an arrival at the incident.



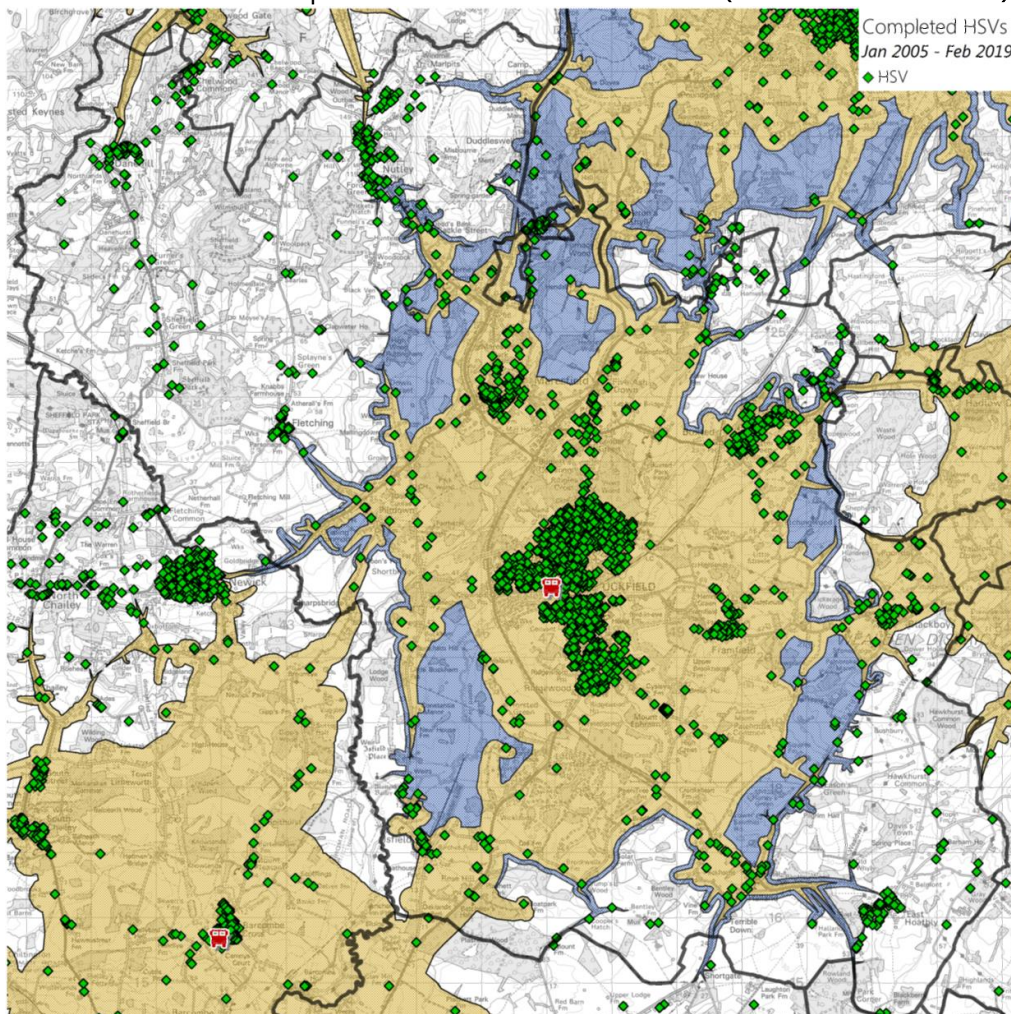
Prevention – Home Fire Safety

Between January 2005 and February 2019, a total of 3,768 HSVs have been undertaken within Uckfield Station Admin area. These figures includes re-visits to the same property over the years. This equates to 2,693 unique households which have had a Home Safety Visit.

Over the last five years (Apr 2013 – Mar 2018), an average of 308 HSVs were undertaken each year – making up approximately 3% of all HSVs undertaken across the ESFRS area. 13.5% of HSVs undertaken in Uckfield station area sit outside the attendance standards isochrone – the majority of these being undertaken in Nutley, Danehill and East Hoathly areas. This is slightly lower than the proportion of households that fall outside of the isochrone (16.2%). 22.3% of all households in Uckfield station area have had a Home Safety Visit; slightly below the ESFRS total of 25.5%.



Total No. of HSVs completed in Uckfield Station Area (Jan 2005 – Feb 2019)

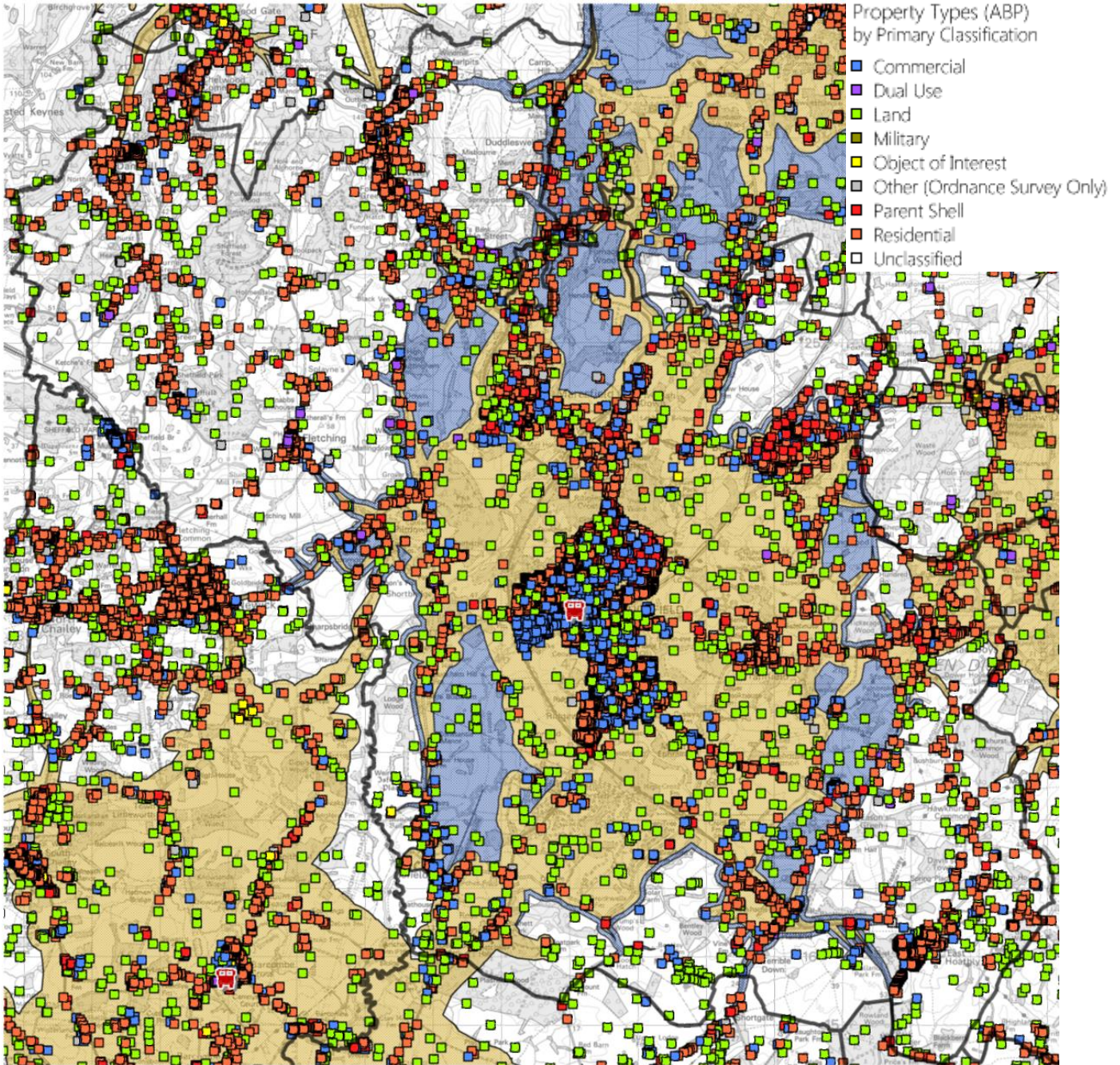




Protection – Business Safety

The map below shows all addressable objects, as found in AddressBase Premium (ABP). AddressBase Premium is the most current, comprehensive and accurate geographic dataset available of addresses, properties and land areas where services are provided. Properties that have been demolished and those yet to be built have been excluded from this dataset. Using ABP, allows us to identify all commercial properties, based on the primary classification of the property.

All Property Types by Primary Classification (AddressBase Premium Epoch 62)



Station Admin Area	Total No. of Commercial Properties	Within Attendance Standard (Day)	%	Within Attendance Standard (Night)	%
Uckfield	1,768	1,318	74.5	1,431	80.9

BLPU State: In use, Unoccupied, Unknown or Not Applicable, Logical Status: Approved, Primary Classification: Commercial, Distinct UPRN: Yes

Around 25% of commercial properties were found to be outside of the attendance standards isochrones. On further inspection, the majority of these were in East Hoathly, Nutley, Blackboys, Framfield & Fletching (comprising two thirds of the commercial properties)

Property Types with higher societal life risk (FSEC A through G).

Hospital	Care Home	Hostel	Hotel
1	14	0	6

Based on ABP Epoch 62 Classification.

HMOs, Purpose-Built Flats and Houses Converted to flats are not shown here as not all are classified in this way in ABP

The following table illustrates the total number of Business Safety Audits that have been undertaken across Uckfield Station area. An average of 12 Business Safety Audits are completed per year, which makes up approximately 2.2% of audits undertaken by ESFRS each year. Around 38% have been to care homes and almost a third to hotels.

Business Safety Audits by Property Type (% within area)

All audits in CRM up to 04/2019 (Excludes 'In Progress')

Property Type	Uckfield	ESFRS
A - Hospitals & Prisons	7 (3.5%)	180 (2.4%)
B - Care Home	76 (37.6%)	1,595 (21.4%)
D - Purpose Built Flats > 3 Stories	0 (0%)	398 (5.4%)
E - Hostel	0 (0%)	139 (1.9%)
F - Hotel	64 (31.7%)	1,379 (18.5%)
G - House Converted to Flats	2 (1%)	240 (3.2%)
H - Other Sleeping Accom.	17 (8.4%)	1,009 (13.6%)
J - Further Education	0 (0%)	31 (0.4%)
K - Public Building	3 (1.5%)	25 (0.3%)
L - Licensed Premises	10 (5%)	890 (12%)
M - School	0 (0%)	148 (2%)
N - Shop	8 (4%)	562 (7.6%)
P - Other Public Premises	2 (1%)	231 (3.1%)
R - Factory/Warehouse	6 (3%)	147 (2%)
S - Office	4 (2%)	216 (2.9%)
T - Other Workplace	1 (0.5%)	87 (1.2%)
W - Land & Sea	0 (0%)	16 (0.2%)
Z - Single Private Dwelling	2 (1%)	143 (1.9%)
Total	202	7,436

Business Safety Audits by Year

Station Area	2013/14	2014/15	2015/16	2016/17	2017/18	Total	Ave. per Yr	% ESFRS
Uckfield	22	5	13	14	6	60	12	2.2



Developments

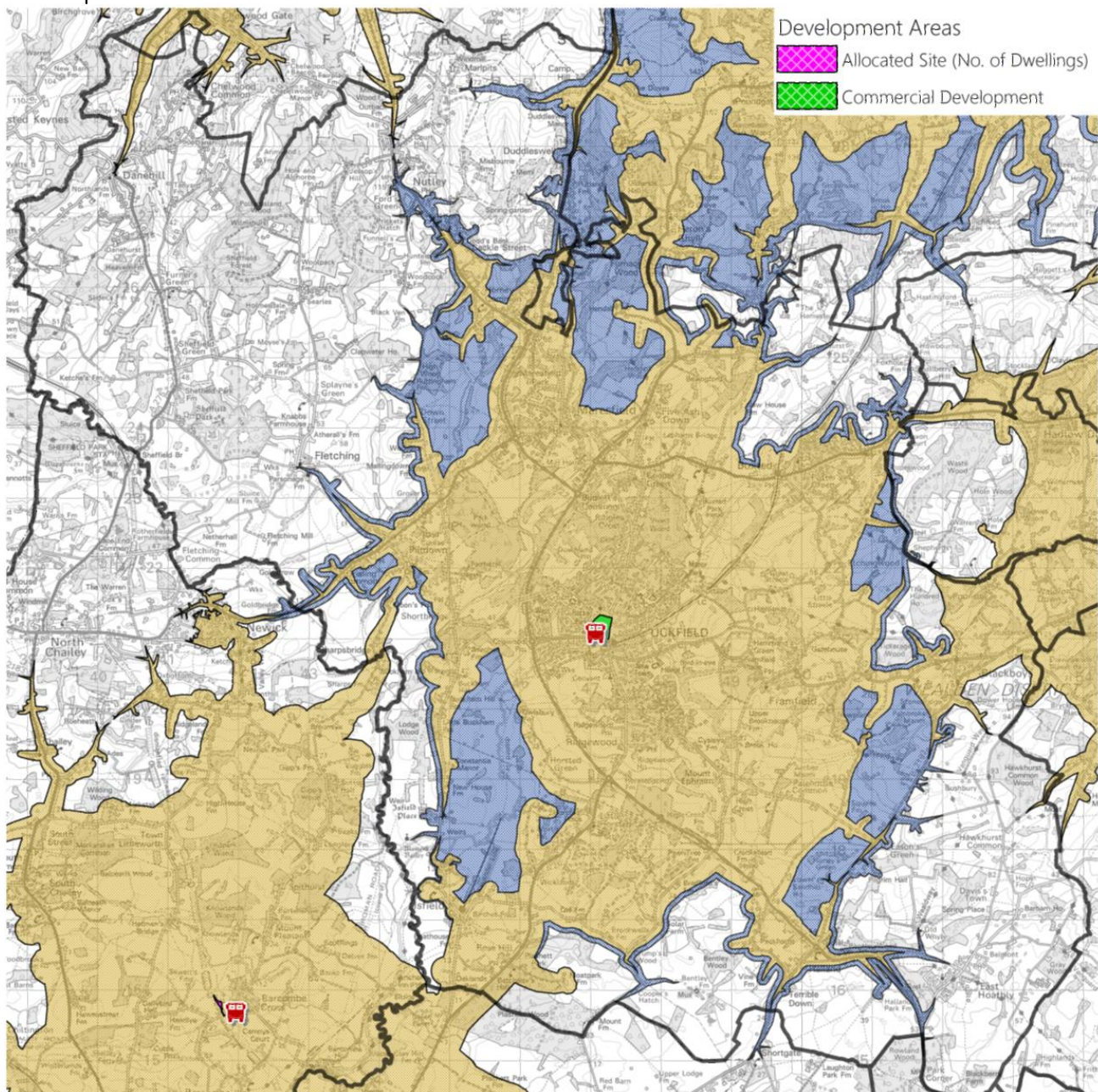
Residential

Details of residential development site allocations have been provided from the local planning office and are shown on the map below. It can be seen that there are no residential allocations in the station area. It should be noted that, there is land at West Uckfield which has a provision of around 1,000 dwellings, 12,650 square metres net employment floorspace and education provision, which is not included as this is a former allocation as part of the old Wealden Core Strategy (February 2013), which has just taken a while to begin construction, thus this particular development area is not part of the current Wealden Local Plan (January 2019).

Commercial

Details of commercial developments have been supplied from the local planning office which are shown on the map below. It can be seen that there is one development area within Uckfield that has been allocated as a retail development, with a floorspace of 1,850sqm. Uckfield fire station itself resides within this area, thus this falls within the attendance standards isochrones.

Development areas – allocated sites





Road Risk

All UK roads (excluding motorways) fall into the following four categories:

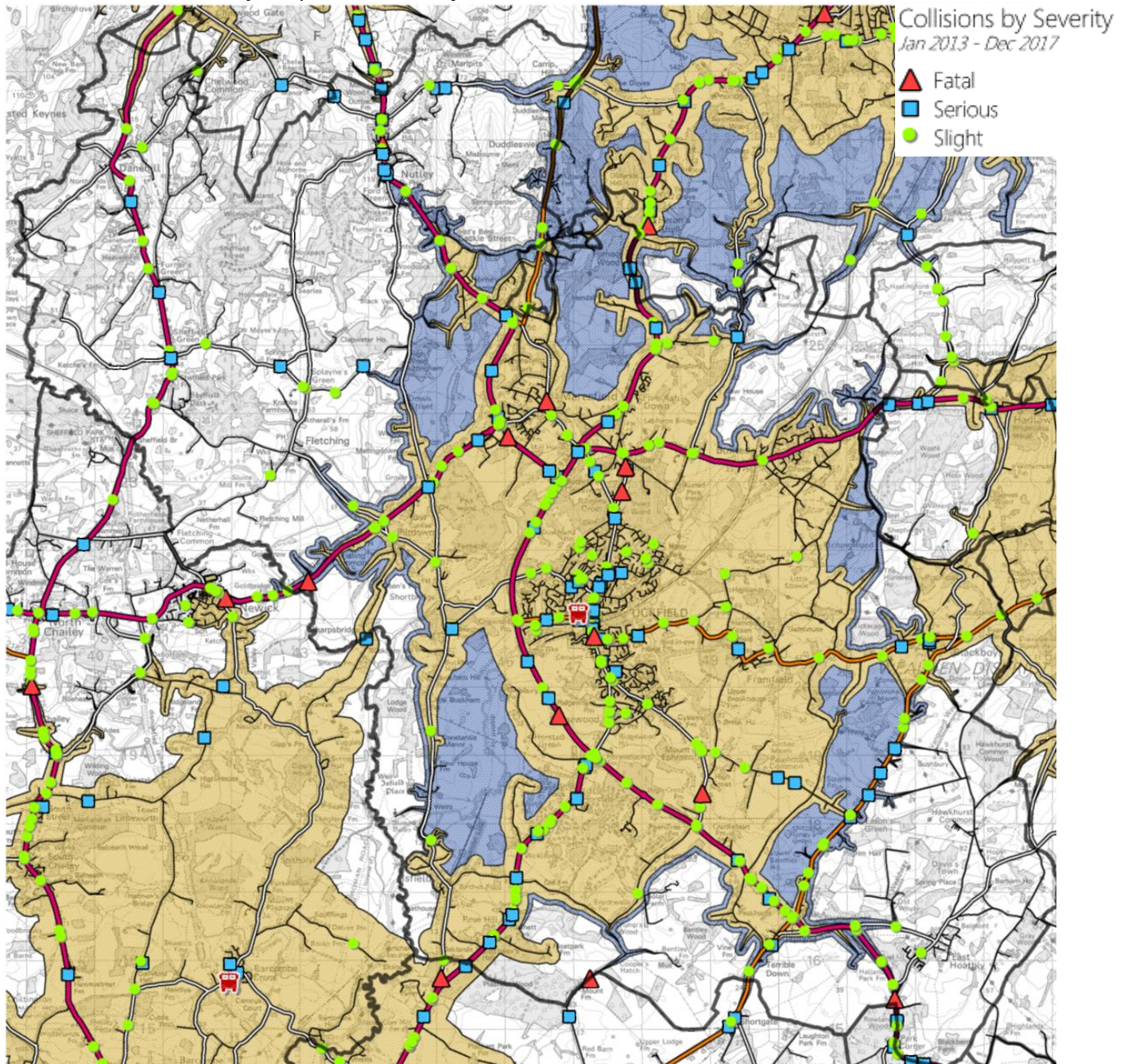
- **A roads** – major roads intended to provide large-scale transport links within or between areas.
- **B roads** – roads intended to connect different areas, and to feed traffic between A roads and smaller roads on the network.
- **Classified unnumbered** – smaller roads intended to connect together unclassified roads with A and B roads, and often linking a housing estate or a village to the rest of the network. Similar to ‘minor roads’ on an Ordnance Survey map and sometimes known unofficially as C roads.
- **Unclassified** – local roads intended for local traffic. The vast majority (60%) of roads in the UK fall within this category.

The following table shows the total length of Road within Uckfield Station area, broken down by Road type. There is approximately 365km of Road within Uckfield station area, 12% of which are A Roads, which represents a higher proportion of A Roads within the station area than the ESFRS average (Uckfield, in fact, ranks 2nd highest area with greatest proportion of A Roads).

Road Type	Uckfield	ESFRS
A Road	43km (12%)	521km (10%)
B Road	19km (5%)	302km (6%)
Classified Unnumbered	59km (16%)	759km (14%)
Total Classified Roads	120km (33%)	3,779km (30%)
Not Classified/Unclassified	245km (67%)	1,582km (70%)
Total All Road Types	365km (100%)	5,361km (100%)

ESFRS only attends around 25% of all road traffic collisions on ESFRS roads. Therefore, data from the Sussex Safer Road Partnership (SSRP) was sourced to understand the fuller picture of road (RTC) risk. The following map shows RTCs in Uckfield station area over a five year period (January 2013 – December 2017), broken down by severity.

KSI Collisions over five year period (January 2013 – December 2017)



Collision Severity	Uckfield	ESFRS
Fatal	11 (3.4%)	112 (1.1%)
Serious	72 (22.5%)	2,235 (21%)
Slight	237 (74.1%)	8,307 (78%)
Total	320	10,654
Ave. per Year	64	2,131

There are, on average, 64 KSI collisions per year in Uckfield station area. 25.9% of collisions result in serious or fatal injuries and this proportion is 3.8% higher than ESFRS overall.

Out of the 320 collisions, there were 30 (9.4%) that sit outside of the attendance standards isochrones – 2 fatal, 9 serious and 19 slight. The SSRP data did not contain the time of the collision. Again, these are typically found around Nutley (A22) or the between Sheffield Park and Danehill on the A275.

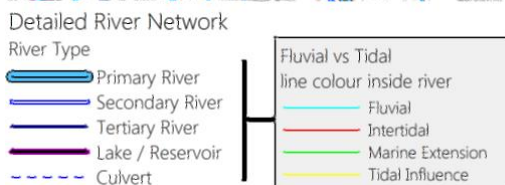
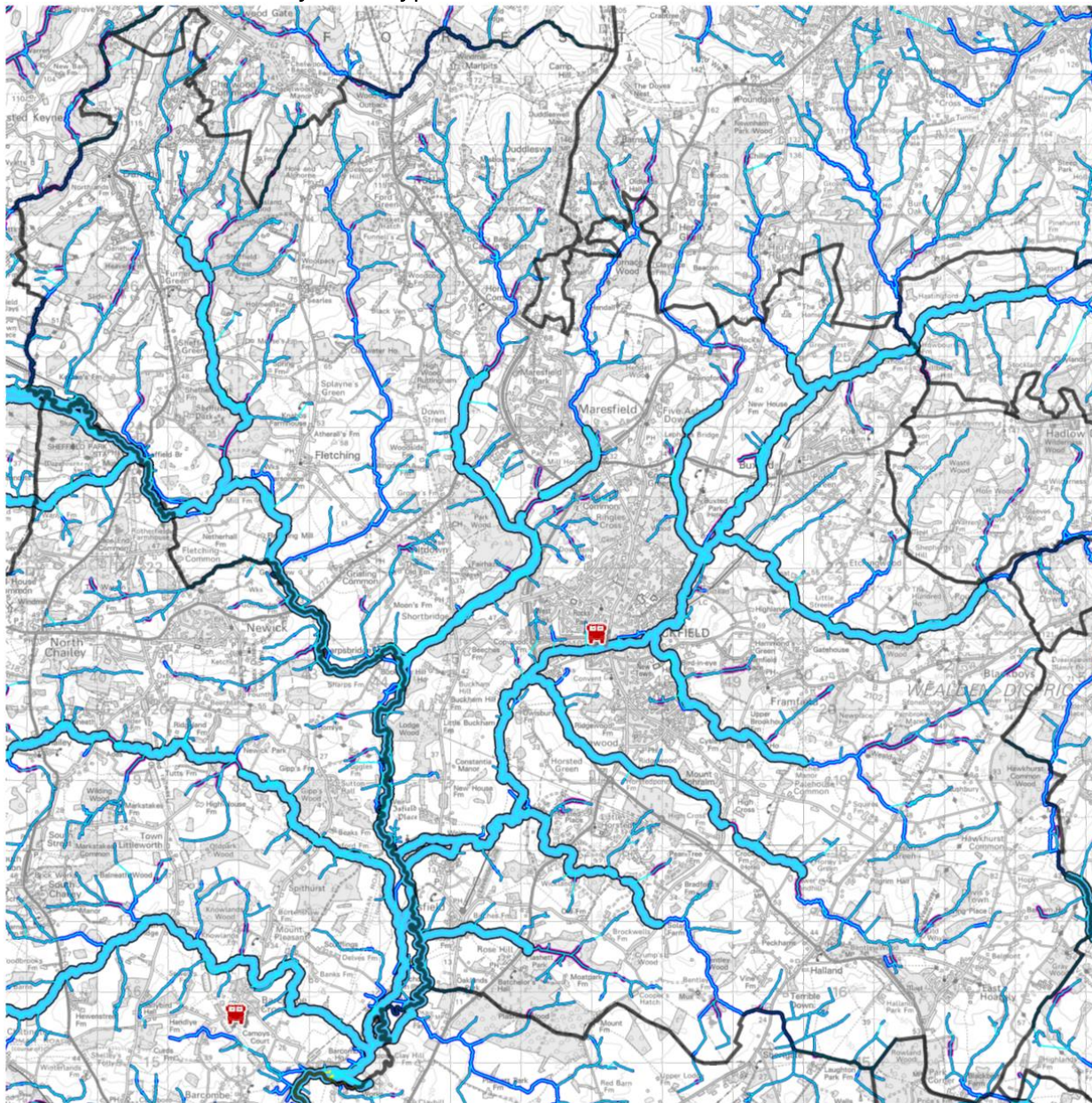


Water Risk

The following map shows the Detailed River Network (DRN), which is a large-scale, accurate and fully attributed digital river centreline covering England and Wales. The DRN is captured from the water features theme of the OS MasterMap topographic layer and built into a network using automated rules. Other input datasets and extensive local Environment Agency (EA) staff knowledge has been used to augment the core geometry to incorporate critical spatial detail and attribution, such as flow direction and path, not available from the OS mapping and to verify the accuracy of the centreline itself.

Primary Rivers are usually larger rivers and streams; the secondary and tertiary rivers are 'ordinary watercourses'. The EA carries out maintenance, improvement or construction work on Main Rivers to manage flood risk. Lead local flood authorities, district councils and internal drainage boards carry out flood risk management work on ordinary watercourses.

Detailed River Network by River Type



The table below shows the total length of rivers by type and whether the river is fluvial or tidal. It can be seen that there are 247km of rivers within the Uckfield station area, which makes up approximately 6.3% of all rivers across the ESFRs area. This ranks Uckfield station area as 6 out of the 24 station areas.

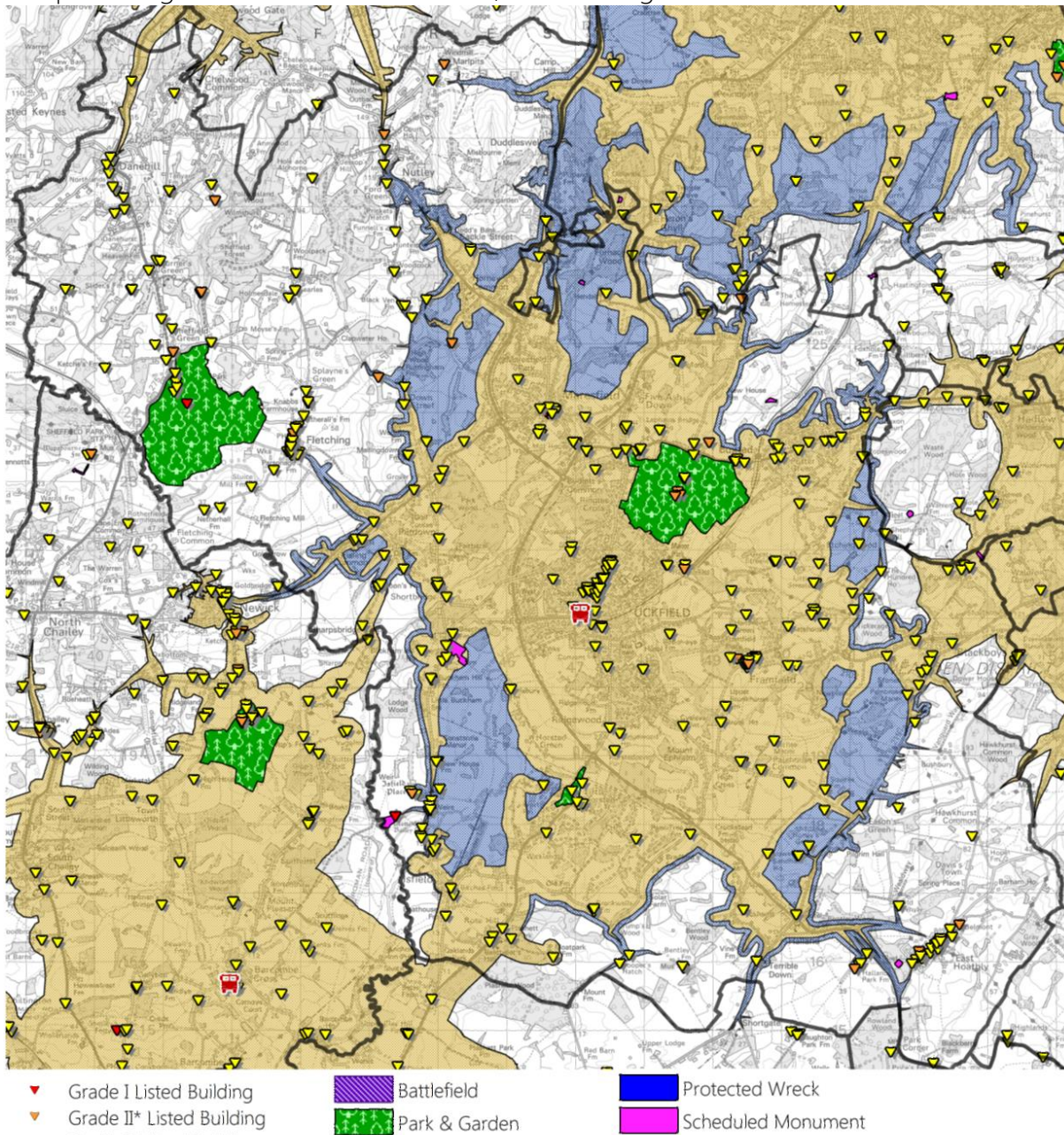
Uckfield has 56km of primary rivers, which is the 4th highest proportion of primary rivers compared to other ESFRS areas (8.4%) and ranks 2nd place for the percentage of lakes/reservoirs in its area (14.1% of all lakes/reservoirs).

There is no coastline in Uckfield station area, nor are there any tidal or inter-tidal rivers within the area.

River Type	Fluvial vs Tidal	Uckfield River Length (km)	%	ESFRS River Length	%
Primary River	Fluvial	55.51	22.5	613.07	15.6
Primary River	Intertidal	0.00	0.0	2.02	0.1
Primary River	Marine Extension	0.00	0.0	6.25	0.2
Primary River	Tidal Influence	0.00	0.0	41.19	1.0
<i>Total Primary</i>		<i>55.51</i>	<i>22.5</i>	<i>662.53</i>	<i>16.9</i>
Secondary River	Fluvial	38.98	15.8	1,129.06	28.8
Secondary River	Intertidal	0.00	0.0	0.58	0.0
Secondary River	Tidal Influence	0.00	0.0	0.97	0.0
<i>Total Secondary</i>		<i>38.98</i>	<i>15.8</i>	<i>1,130.62</i>	<i>28.8</i>
Tertiary River	Fluvial	128.64	52.0	1,899.39	48.4
Tertiary River	Intertidal	0.00	0.0	2.37	0.1
Tertiary River	Marine Extension	0.00	0.0	6.22	0.2
Tertiary River	Tidal Influence	0.00	0.0	0.24	0.0
<i>Total Tertiary</i>		<i>128.64</i>	<i>52.0</i>	<i>1,908.22</i>	<i>48.6</i>
Lake / Reservoir	Fluvial	15.63	6.3	111.25	2.8
Culvert	Fluvial	8.46	3.4	111.24	2.8
<i>Total Fluvial</i>		<i>247.23</i>	<i>100.0</i>	<i>3,864.01</i>	<i>98.5</i>
<i>Total Intertidal</i>		<i>0.00</i>	<i>0.0</i>	<i>4.97</i>	<i>0.1</i>
<i>Total Marine Extension</i>		<i>0.00</i>	<i>0.0</i>	<i>12.47</i>	<i>0.3</i>
<i>Total Tidal Influence</i>		<i>0.00</i>	<i>0.0</i>	<i>42.40</i>	<i>1.1</i>
Grand Total		247	100	3,923.85	100

Heritage Risk

The following map shows the location of different types of heritage risk dispersed across the station area. The percentage outside of the isochrones, is the 4th highest out of the 24 station areas.



Grade	# in Area	Within Attendance Standard (Day)	%	Within Attendance Standard (Night)	%
I	5	2	40.0	2	40.0
II*	22	10	45.5	14	63.6
II	371	234	63.1	271	73.0
Total	398	246	61.8	287	72.1

There are 3 grade I listed buildings outside of the attendance standards isochrones, 2 of which are churches in Fletching & Isfield and the other being Sheffield House.



Environmental Risk

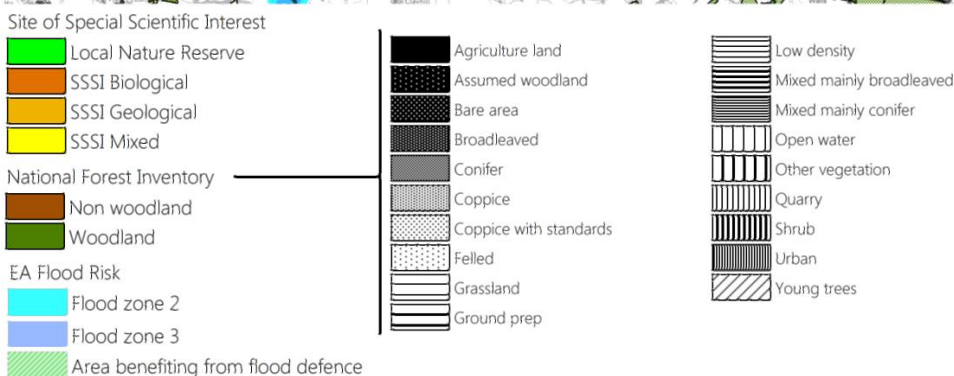
The following map shows a breakdown of various environmental risks across Uckfield station area. The River Uck that runs through Uckfield represents a fluvial flood risk, especially as major flooding has occurred in the recent past (2000).

Flood Zone 2 represents land that has been assessed as having between a 1%-0.1% annual probability of river flooding, or between 0.5%-0.1% annual probability of sea flooding in any year.

Flood Zone 3 represents land that has been assessed as having a >1% annual probability of river flooding, or a >0.5% annual probability of sea flooding in any year.

There are, on average, 6 incidents per year in Uckfield station area classified as "special service – flooding". This equates to 2.5% of all incidents in Uckfield and is lower than the ESFRS proportion of 4.2% per year.

There are 4 Sites of Special Scientific Interest (SSSIs) in Uckfield station area, 1 of which is outside the attendance standards isochrone during the daytime – this is Rock Wood, a biological SSSI.



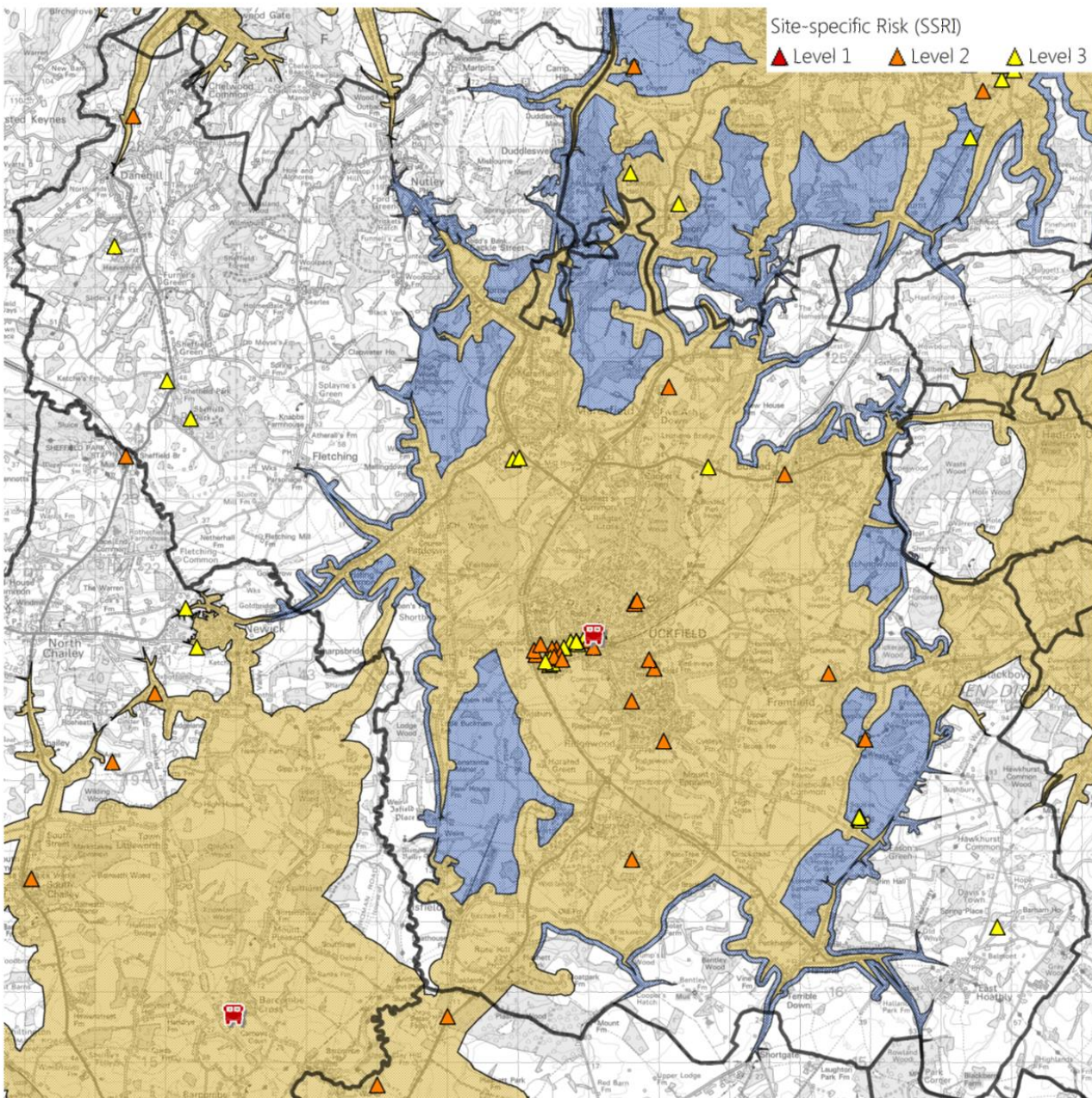
Special Risk (Operational Risk)

Site-Specific Risk Information (SSRI)

There are a total of 47 SSRIs (Levels 1-3) within the Uckfield Station Admin area. There are no level 1 SSRIs in the station area but there are twenty-six Level 2s, as shown in the table below.

SSRI Risk	Uckfield	ESFRS
Level 1	0 (0.0%)	25 (3.1%)
Level 2	26 (55.3%)	294 (36.3%)
Level 3	21 (44.7%)	461 (56.9%)
Total	47	810

The map below shows the location of these SSRIs. The majority are located to the immediate south-east of the fire station. There are 5 SSRIs that sit outside both day & night isochrones, 1 of which is a level 2 SSRI (Cumnor House School, Danehill).



High-Rise Risk

There are no high rise premises in Uckfield station area (properties ≥ 6 floors)

Special Risk

There are no COMAH sites in Uckfield station area..

Over border risks

No significant over-border risks. Horsted Keynes is closest village across Uckfield station border, through which runs the Bluebell Railway. Much of the area given to woodland with a fair number of reservoirs/lakes. The large town of Haywards Heath lies due west.

