

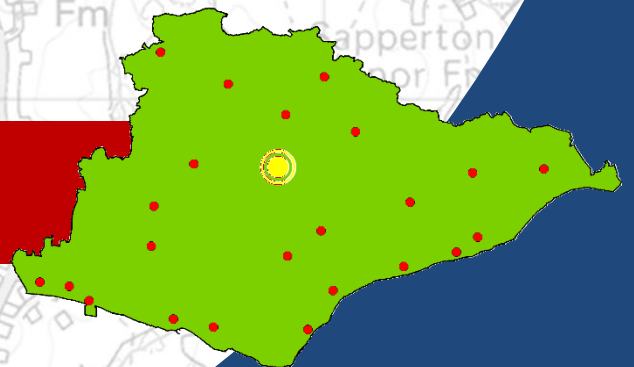


2020

# Heathfield



## Station Risk Profile



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## Heathfield Station Area – Headline Summary



- Heathfield station area covers approximately **96 sq. km**.
- Heathfield town is the urban centre serving large rural community.
- Area is predominantly rural with small villages throughout
- Operational cover provided by one on-call fire engine.



- **16,910** residents within Heathfield station area.
- A net increase of **484** since 2011 Census.
- Low population density, concentrated in/around Heathfield town.
- Higher proportions of older people than ESFRS average.



- **94%** of households are within attendance standards.
- **51%** above average fire risk (socio-demographic).
- **452** households are outside, the majority of which are in the south and east of station area – around Rushlake Green and Dallington.
- Lower proportion of lone parent households than ESFRS average.
- Lower proportion of rented accommodation than ESFRS average.
- Twice the proportion of detached homes than ESFRS average.
- Very low deprivation throughout station area.

### Station area



- Incidents have decreased by **43%** since 2009.
- There are **135** incidents per year within Heathfield station area; **3<sup>rd</sup>** busiest on-call area.
- **57%** during the day. Rise sharply from 8am.
- **10%** of day-time incidents outside attendance standards isochrones (**7<sup>th</sup>** highest proportion of all station areas).
- **6%** of night-time incidents outside attendance standards isochrones (**6<sup>th</sup>** highest proportion of all station areas).
- Proportionally more RTCs in area and fewer False Alarms compared to ESFRS.
- **11** critical life-risk incidents per year.
- **57%** critical incidents during day.
- **2<sup>nd</sup>** highest on-call area for numbers of injuries and rescues.
- Attendance times, on average, slightly slower than other on-call station areas.
- **5** minute delay between 1<sup>st</sup> & 2<sup>nd</sup> appliance – **3** minutes quicker than other on-call areas for fire primary fire incidents, **1** minute slower for RTC incidents.
- **66%** of incidents are attended by a single appliance.

- 20% of 2<sup>nd</sup> pump attendances were by Heathfield's Landrover (82M1), 18% 84P1, 14% 74P1, 13% 81P1, 12% 82P5.
- 4 level 3 incident within last 7 years of review period.

### Station appliance(s)

#### 82P5

- Turn-out time fluctuated over 9 years, average is 06:13.
- 31% reduction in mobilisations over 9 years.
- Mobilises 156 times per year – 63% in own area, 11% in Burwash, 10% in Mayfield area, 1% OTB.
- Attends 10% more fires and 7% fewer false alarms than ESFRS.
- Mobilises to 15 critical incidents per year – 57% in own area, 13% in Hailsham, 12% in Mayfield area, 0 OTB.
- Attendance standard met 76% of the time (73% critical).
- 78% availability in 2017/18.

#### 82M1

- 60% reduction in mobilisations over 9 years.
- Mobilises 22 times per year - 62% in own area, 6% in Mayfield area, 5% in The Ridge, 2% OTB.
- Did not arrive at incident on 20% of occasions.

### Standby moves

- 20 cover moves per year – 38% in Uckfield, 35% in Crowborough, 0 OTB.



- 632 Home Safety Visits to unique properties undertaken (approx. 21% of all households)
- 8% of HSVs to properties outside attendance standard isochrones.



- 13% of commercial properties are outside attendance standards, located in east and south of station area.
- 5 Business Safety Audits per year, 47% of which are to care homes, 20% to 'other sleeping accommodation'.
- 1 Hospital and 8 Care Homes in area.



- Small residential growth (383 dwellings)
- Developments within attendance standard isochrones – large development south of Horam is on edge of isochrones.
- No major commercial development sites allocated in area.



- Highest proportion of 'C' roads in ESFRS.
- 41 KSI collisions per year. Proportion of serious/fatal collisions 3.5% higher than ESFRS.
- 17 outside attendance standards isochrones – in east of station area along the B2096.



- 208km of rivers (5.3% of ESFRS Rivers).
- 5<sup>th</sup> highest proportion of lakes/reservoirs in ESFRS.



- 256 listed buildings, 3 Grade I, 14 Grade II\*, 239 Grade II
- 2 Grade I buildings outside attendance standard isochrones – Parish Churches in Chiddingly and Warbleton.



- 5 SSSI sites, 2 outside attendance standard isochrones – Singlett's Wood and Paires Cross Meadow.
- Woodland throughout station area.



- 6 Level 2, and 15 Level 3 SSRIs.
- 2 lower-tier COMAH sites.
- No high-rise properties within area.



## Overview

Heathfield Station Area covers an area of approximately 96 square kilometres, predominantly rural in nature with urban and sub-urban settlements throughout.

The population is concentrated in the north of the station area, in and around the town of Heathfield. This is the main urban settlement in the area. Other settlements include the villages of; Horam, Cross In Hand, Broad Oak and Punnett's Town. The Fire Station is located in the north of Heathfield itself.

Heathfield is a small market town located in the centre of East Sussex, approximately 26km north of Eastbourne, and 26km south of Tunbridge Wells. It's located on the junction of the A267 and A265, and the town sits just inside the High Weald area of outstanding natural beauty. The town is surrounded by countryside, and serves as the main centre of employment, shopping and services for a large rural community.

Located approximately 1km west of Heathfield is the village of Cross in Hand, the village has its own high street and shops. 4km south of Heathfield is the village of Horam, the two are linked by the Cuckoo Trail, a cycleway/footpath following a disused railway line that originates in Eastbourne. 2km east of Heathfield town is the village of Broad Oak, not to be confused with the other village of the same name in the east of the county, north of Hastings. Heathfield station area also encompasses the following villages; Waldron, Three Cups, Dallington, Rushlake Green, Maynards Green, Cade Street and Warbleton.

### Station Resources

Heathfield Community Fire Station is an on-call fire station with one pumping appliance and a Landrover.

#### 1 x Maxi-Cab Rescue Pump (FJE82P5)

Volvo extended rescue pump able to carry a crew of 8 firefighters, equipped with rescue and firefighting equipment, 12 metre extension ladder, holding 1800 litres water and a 2250 litres per minute pump.

#### Landrover L4T

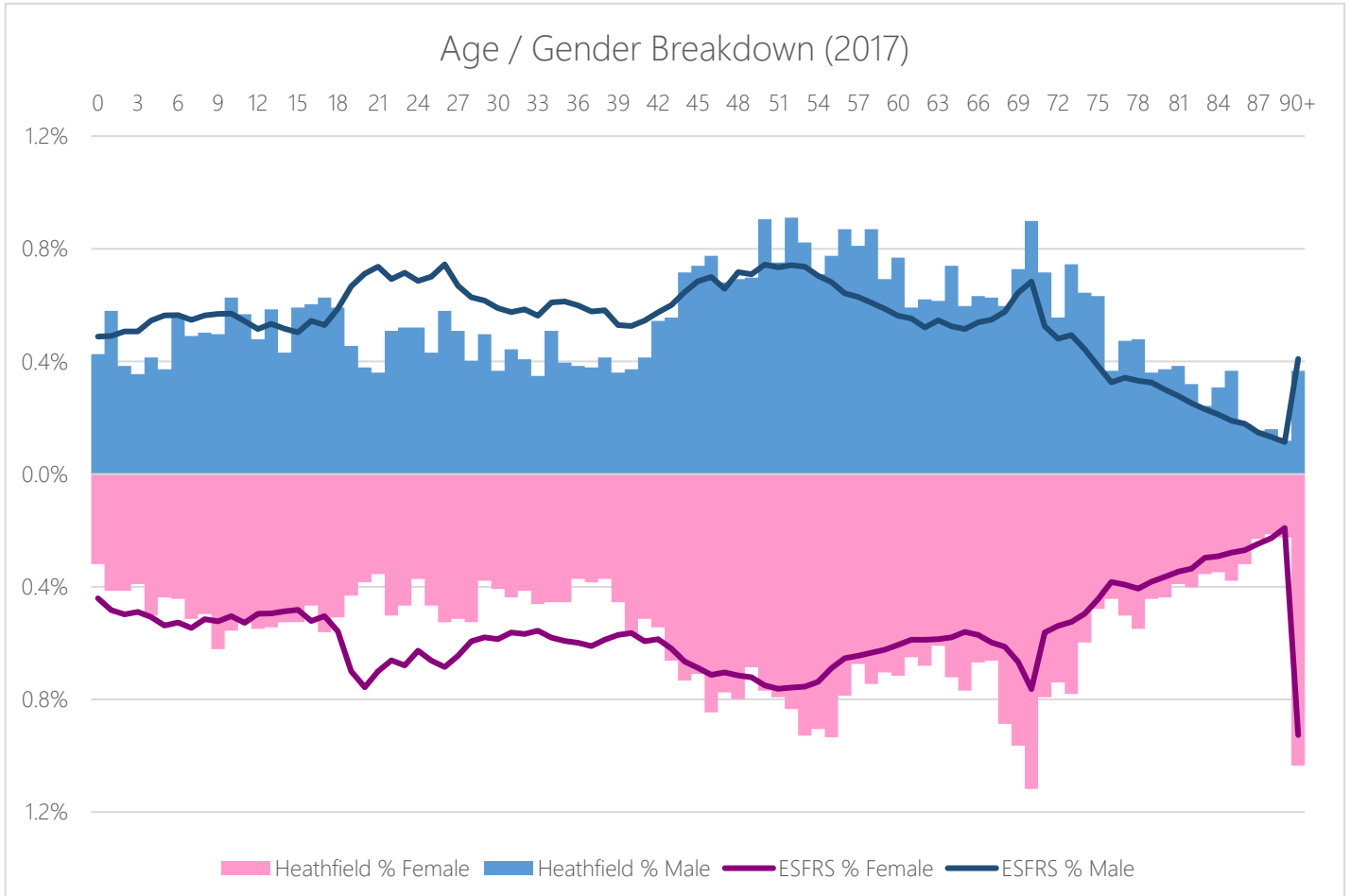
Landrover 4 x 4 Forest firefighting vehicle with 800 litres water and lightweight pump. It provides Off Road Fire-Fighting Support to any Station in East Sussex.



## Population Demographics

The population in Heathfield is generally older than the ESFRS average, with more persons aged over 40, and fewer aged 18-40.

Proportionally, there are 5% fewer 25-49yrs, 3% fewer 18-24yrs, and 1% fewer 0-9yrs in Heathfield compared to the service average. However, There are slightly higher proportions (0.5% more) of persons aged 10-17. In the older age ranges, there are proportionally 3% more 50-64yrs, 5% more 65-79yrs, and 1% more 80-89yrs in Heathfield compared to the ESFRS average.



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
Heathfield	1,545 (9.1%)	1,483 (8.8%)	1,075 (6.4%)	4,411 (26.1%)	3,872 (22.9%)	3,289 (19.5%)	998 (5.9%)	237 (1.4%)	16,910
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 Heathfield 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 93% of 65+ year olds are within the attendance standard isochrones, day or night. This ranks Heathfield 19 out of the 24 stations (or 8 out of the 12 on-call station areas), due to the dispersion of the population throughout the area.

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

	Station Admin Area	No. of persons	% in Att. Std. Isochrone (Day)	% in Att. Std. Isochrone (Night)
65+ Yrs	Heathfield	4,492	92.9	92.9
	ESFRS	179,534	96.5	97.2
80+Yrs	Heathfield	1,194	93.6	93.6
	ESFRS	51,372	96.8	97.4

Heathfield has a lower population density compared with the rest of the service, with 1.8 persons per hectare compared to an ESFRS average of 4.7. Heathfield is ranked (*out of 24*) as the 15<sup>th</sup> most densely populated station area in the service area. The area's population increased by 484 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
9,614	16,426	16,910	1.7	1.8	0.1	15	4.5	4.7

The general health in Heathfield can be seen as slightly better compared to the rest of ESFRS, especially when considering there are fewer young persons, and more aged over 40.

48% of the population in Heathfield are identified as having 'very good health', compared to 45% for ESFRS and 36% as having 'good health' compared to 35% for ESFRS. There are also proportionally 1% fewer persons with bad health, and 0.5% fewer with very bad health, in Heathfield compared to the ESFRS average.

General Health - Persons (2011) - % Within Area						
	Very good health	Good health	Fair health	Bad health	Very bad health	Total
Heathfield	7,846 (47.8%)	5,833 (35.5%)	2,060 (12.5%)	549 (3.3%)	138 (0.8%)	16,426
ESFRS	365,370 (45.7%)	279,665 (35%)	110,093 (13.8%)	34,749 (4.3%)	10,163 (1.3%)	800,040



The following table further shows that Heathfield station area has slightly better health than the ESFRS average. Proportionally, there are 2% more persons whose activities are 'not limited' in Heathfield than the rest of the service. Furthermore, there are also proportionally 2% fewer persons who are 'limited a lot' in Heathfield compared to the ESFRS average.

Day-to-day activities limited - Persons (2011) - % Within Area				
	Limited a lot	Limited a little	Not limited	Total
Heathfield	1,115 (6.8%)	1,608 (9.8%)	13,703 (83.4%)	16,426
ESFRS	68,688 (8.6%)	83,026 (10.4%)	648,326 (81%)	800,040

There are similar proportions of part and full-time employees in Heathfield compared to the service average, and slightly higher proportions of self-employed persons. Specifically, there are 2% more retired, 1.5% fewer unemployed, 1.5% fewer long-term sick/disabled, and 4% fewer students in Heathfield compared to the service average.

Economic Activity - All usual residents aged 16 to 74 (2011)			Heathfield	ESFRS
Economically active	Part-time	Employee	1,732 (14.6%)	82,644 (14.1%)
		Self-employed without employees	588 (4.9%)	22,199 (3.8%)
		Self-employed with employees	62 (0.5%)	2,591 (0.4%)
	Full-time	Employee	4,075 (34.2%)	201,532 (34.4%)
		Self-employed without employees	1,063 (8.9%)	40,181 (6.9%)
		Self-employed with employees	400 (3.4%)	12,514 (2.1%)
		Un-employed	255 (2.1%)	21,321 (3.6%)
	Full-time student	299 (2.5%)	22,823 (3.9%)	
Economically inactive		Retired	2,027 (17%)	86,361 (14.8%)
		Student (including full-time students)	428 (3.6%)	35,446 (6.1%)
		Looking after home or family	499 (4.2%)	22,914 (3.9%)
		Long-term sick or disabled	305 (2.6%)	24,201 (4.1%)
		Other	169 (1.4%)	10,583 (1.8%)
Total			11,902	585,310



## Household Demographics

### Census 2011 Household Breakdown

There are twice the proportion of detached houses/bungalows in Heathfield (50%), compared to the service average (25%). There is also a 4% higher proportion of semi-detached houses/bungalows. There are 9% fewer terraced houses/bungalows, 9% fewer purpose flats and 10% fewer converted flats, in Heathfield compared to the rest of the service.

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			
Heathfield	3,449 (50.2%)	1,832 (26.7%)	696 (10.1%)	675 (9.8%)	106 (1.5%)	87 (1.3%)	21 (0.3%)	4 (0.1%)	6,870
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

Proportionally, Heathfield has 1.7% fewer lone parent households than the service average. Heathfield has similar levels of lone pensioners compared to the service average, and there is one all full time student household in the station area

Household Composition - Households (2011)				
	Lone Pensioner (65+)	All full-time students	Lone parent with dependent children	All Households
Heathfield	1,011 (14.7%)	1 (0%)	333 (4.8%)	6,870
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 Heathfield (42%) than the service area average (33%), there are also proportionally more mortgaged households in Heathfield (37%) than the ESFRS average (31%). There is a lower proportion of social rented households in Heathfield. There is about half the proportion of privately rented (private landlord/letting agent) in Heathfield with 12%, compared to the service average of 20%.

Household Tenure - Households (2011)									
	Owned			Social rented:		Private rented:		Living rent free	Total
	Outright	Mortgage or loan	Shared ownership	Rented from council	Other	Private landlord or letting agency	Other		
Heathfield	2,874 (41.8%)	2,563 (37.3%)	63 (0.9%)	287 (4.2%)	113 (1.6%)	787 (11.5%)	83 (1.2%)	100 (1.5%)	6,870
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, this indicates overcrowding. Heathfield isn't an overcrowded area, with a 13% higher proportion of households having 2 or more spare bedrooms, and similar levels of those with 1 spare bedroom. Furthermore, there are 2% fewer households with a -1 occupancy rating, and 0.3% fewer with a rating of -2.

	Occupancy Rating (Spare Bedrooms) - Households (2011)					Total
	Under-occupied		Standard	Overcrowded		
	+2 or more	+1	0	-1	-2 or less	
Heathfield	3,002 (43.7%)	2,380 (34.6%)	1,360 (19.8%)	118 (1.7%)	10 (0.1%)	6,870
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 7,376 households within Heathfield station admin area, dispersed across the station area. which are broken down by the 15 summary Mosaic Lifestyle groups.

Mosaic Lifestyle Group	Heathfield	%	ESFRS	%
A - Country Living	2,842	38.5	30,907	8.5
B - Prestige Positions	718	9.7	27,774	7.6
C - City Prosperity	0	0.0	21,862	6.0
D - Domestic Success	348	4.7	27,215	7.5
E - Suburban Stability	432	5.9	24,684	6.8
F - Senior Security	502	6.8	39,762	10.9
G - Rural Reality	1,217	16.5	17,553	4.8
H - Aspiring Homemakers	350	4.7	24,898	6.8
I - Urban Cohesion	11	0.1	14,427	4.0
J - Rental Hubs	226	3.1	50,913	14.0
K - Modest Traditions	44	0.6	10,777	3.0
L - Transient Renters	110	1.5	13,853	3.8
M - Family Basics	114	1.5	20,841	5.7
N - Vintage Value	426	5.8	26,701	7.3
O - Municipal Challenge	36	0.5	11,485	3.2
<b>Total</b>	<b>7,376</b>	<b>100</b>	<b>363,652</b>	<b>100</b>

The predominant Mosaic groups describe 'Well-off owners in rural locations enjoying the benefits of country life' and 'Householders living in inexpensive homes in village communities'. The top 3 Mosaic Types within Heathfield Station area are:

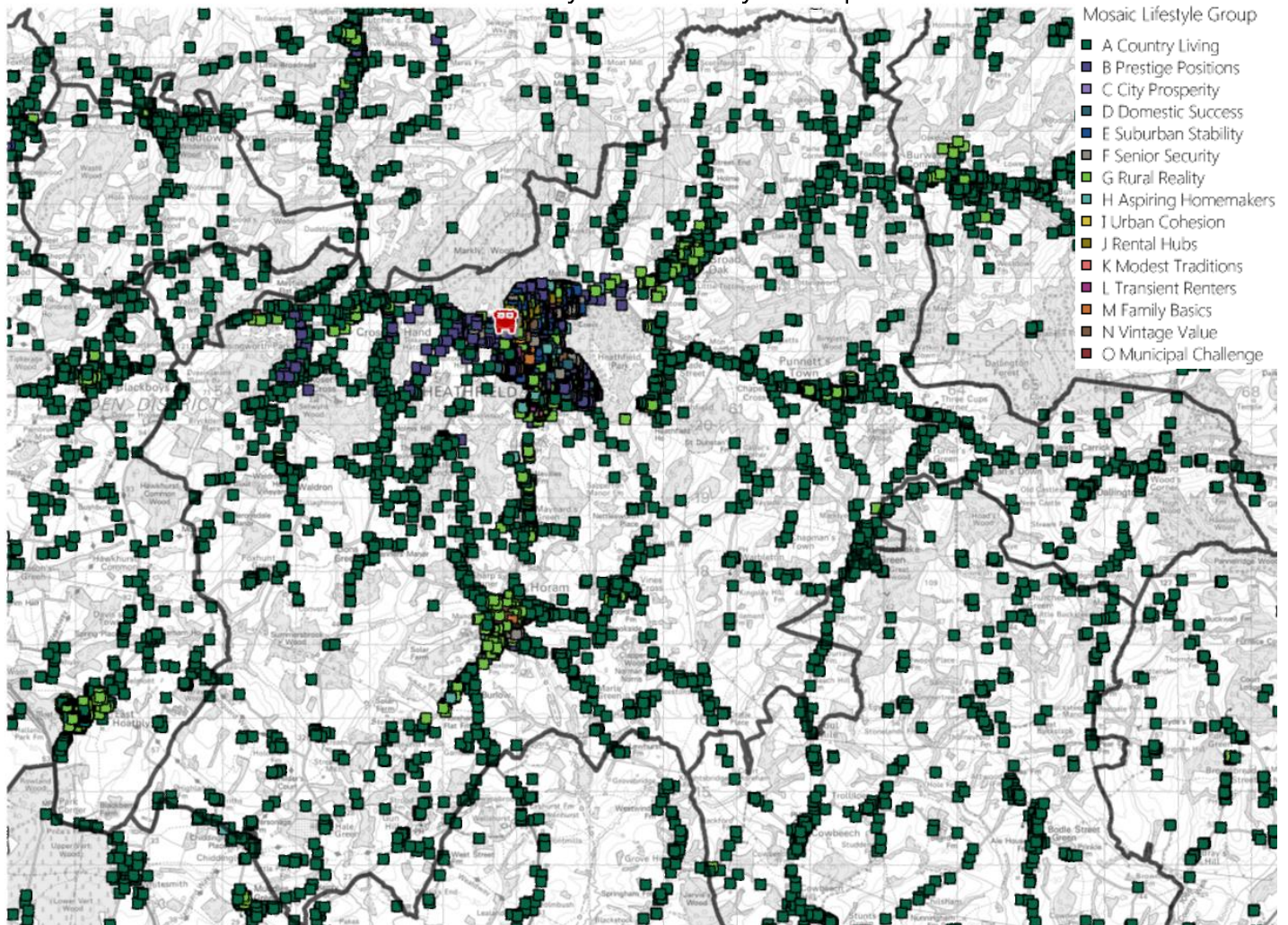
A03 Wealthy Landowners: Prosperous owners of country houses including the rural upper class, successful farmers and second-home owners.

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 have between 25-65% fewer dwelling fires than one would expect. The map below shows the dispersal of households across the station area.

Households in Heathfield Station Admin area by Mosaic Lifestyle Group

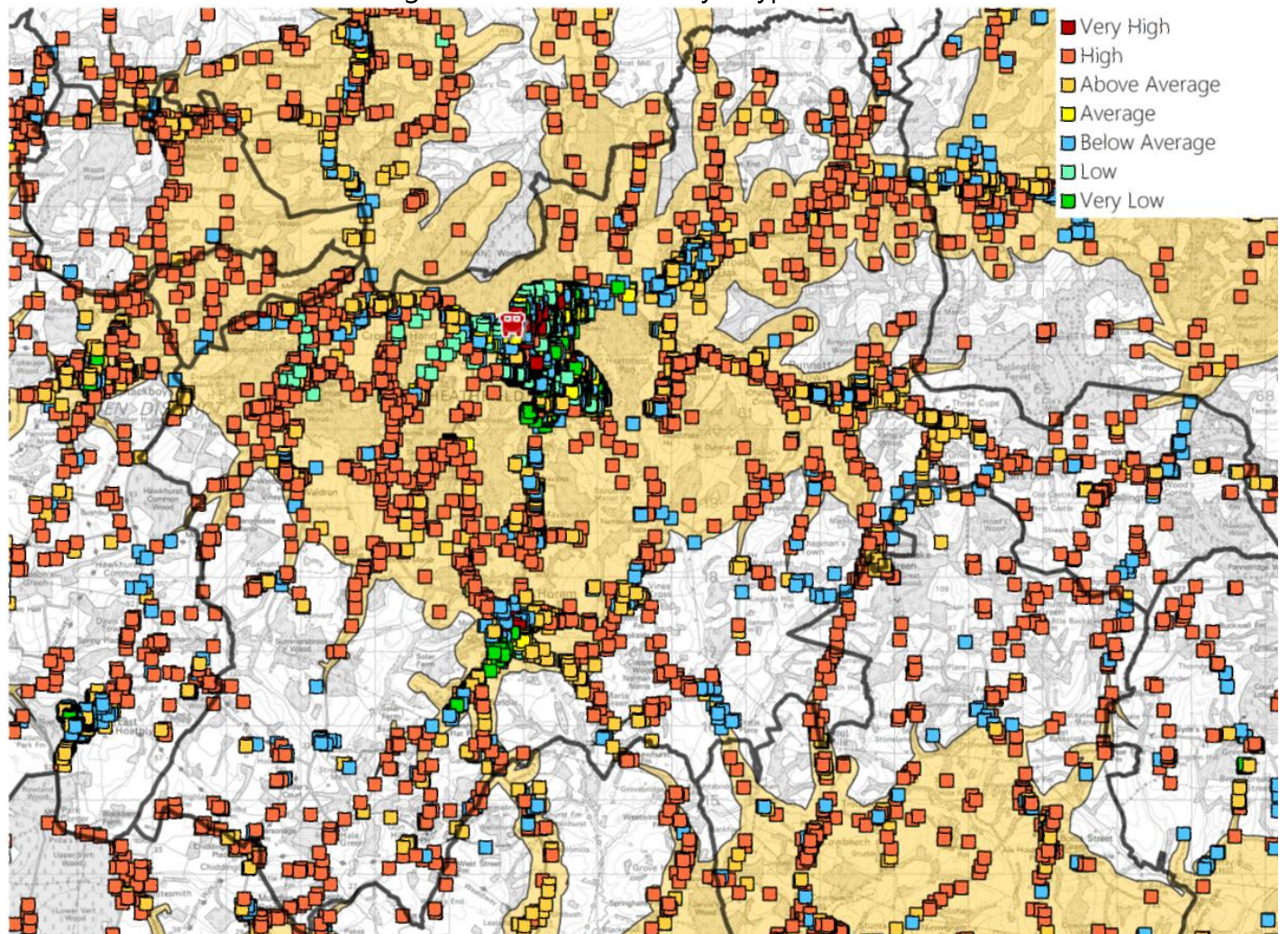


The map below shows the dispersion of mosaic households, classified by their initial fire risk rating, which is based on a combination of the number of fires and propensity to having a fire within each mosaic type. Those that have historically had a higher prevalence of and/or higher likelihood to having 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 Heathfield Station Admin area by Initial Fire Risk Rating

Station Area	Very High	High	Above Average	Average	Below Average	Low	Very Low	Total
Heathfield	622	1,650	1,515	462	1,750	908	469	7,376
Heathfield (%)	8.4%	22.4%	20.5%	6.3%	23.7%	12.3%	6.4%	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)	%
Heathfield	622	622	100.0	622	100.0	1,607	1,351	84.1	1,357	84.4

Overall, 94% of households within Heathfield station area are within ESFRS attendance standards, for both day and night. It can be seen that approximately 42% of households are deemed to represent a below average, low or very low fire risk.

The Very High/High risk households represent 31% of households, all of the very high households fall within the attendance standard isochrones, however 256 high risk households fall outside.

The majority of the households that fall outside are located in the south, and east of the station area, around Rushlake Green and Dallington.

### Holiday Parks

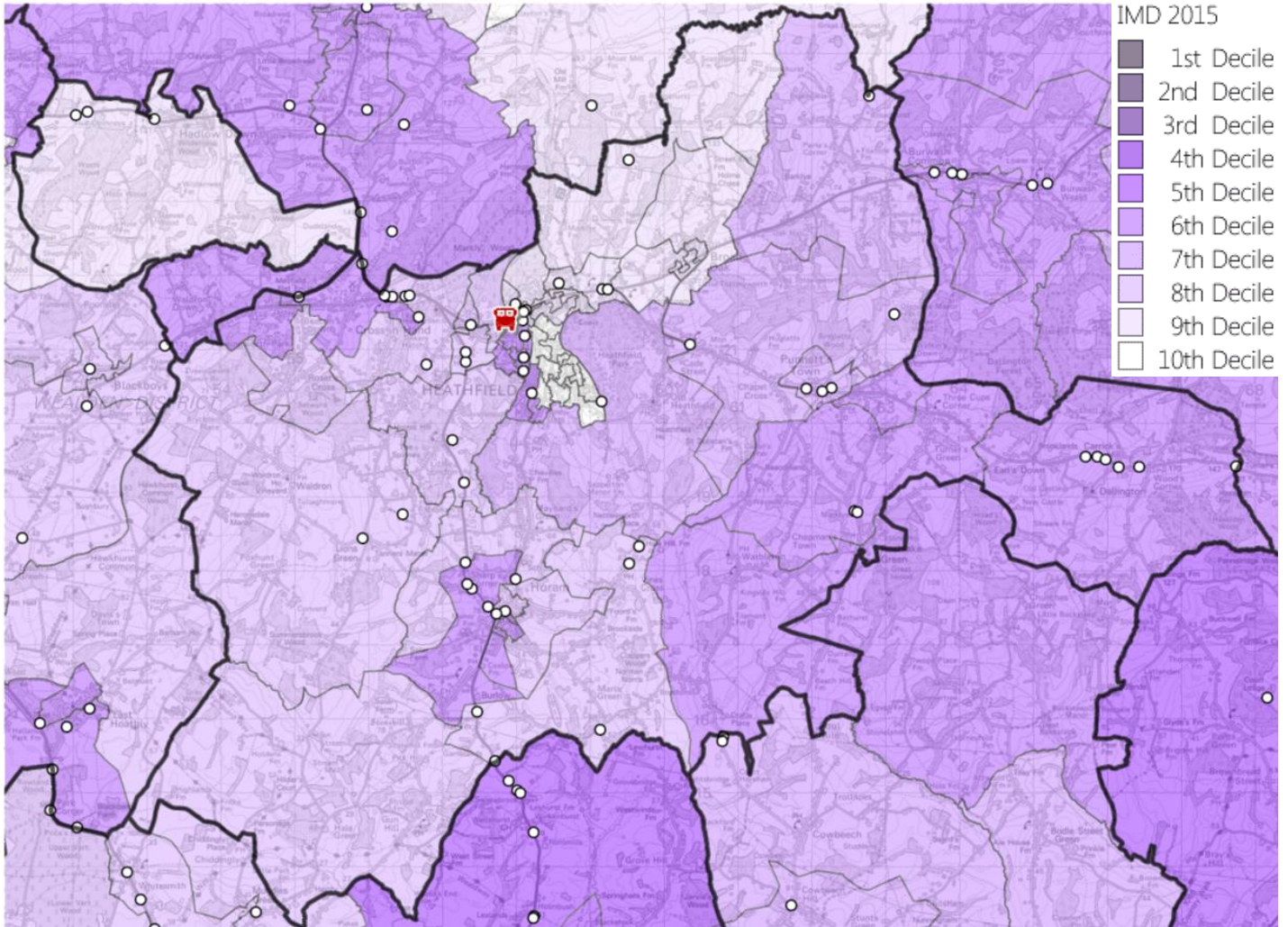
There are 2 major holiday parks in Heathfield station area which approximately contain 121 units. Both parks fall within the attendance standard isochrones.

Station Admin Area	Total Number of Units	Within Attendance Standard (Day)	%	Within Attendance Standard (Night)	%
Heathfield	121	121	100	121	100

*A unit includes Caravans, lodges, bungalows, chalets, cottages and touring (caravan) pitches.*

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 there are neighbourhoods in the south east of Heathfield town that are in the 10% least deprived nationally, and that the majority of the station area is within the 30-40% least deprived nationally.

## Incidents

### Incidents occurring within Heathfield 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 Heathfield – irrespective of which appliance(s) were mobilised to the incident. This helps identify the types of incidents to which we have responded within Heathfield's area.

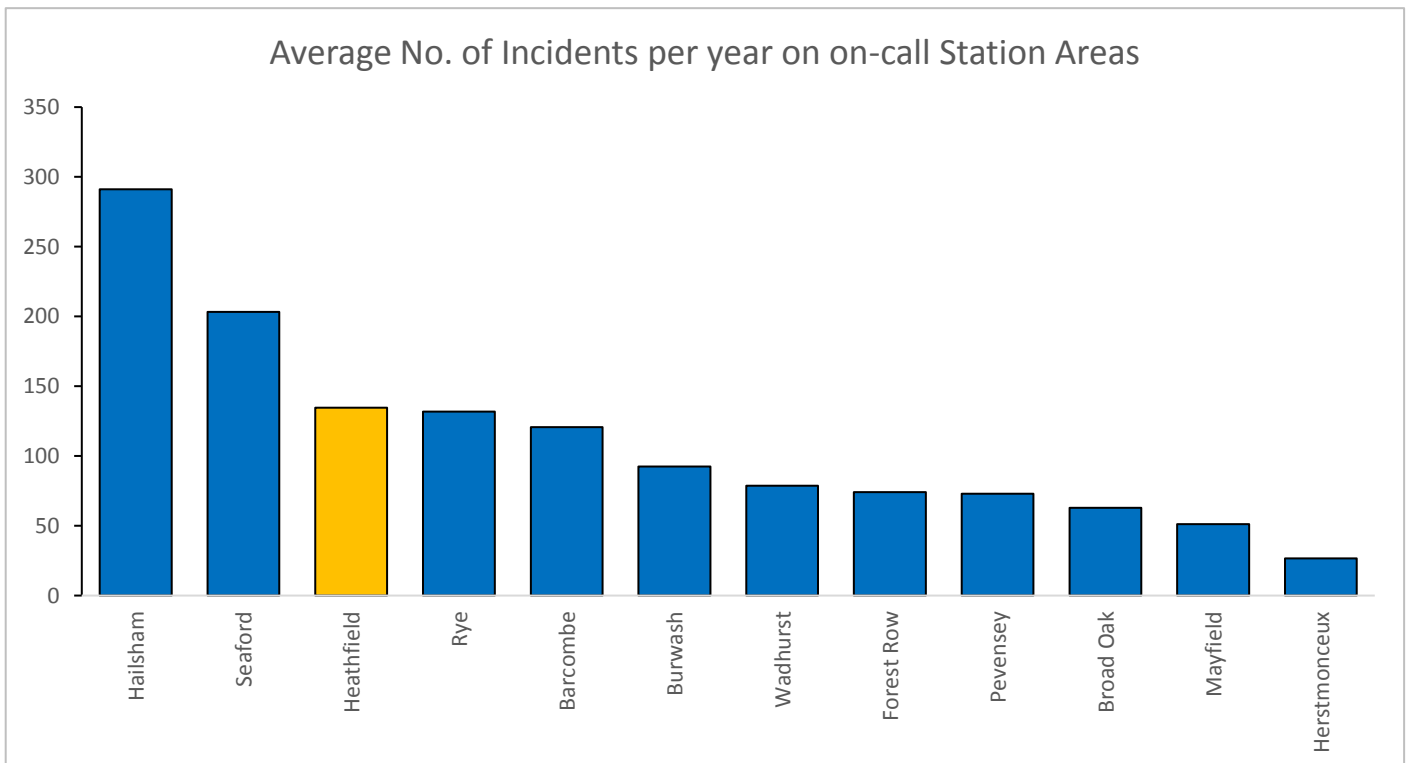
Over 9 years (Apr 2009 – Mar 2018), incidents within Heathfield station area have decreased by 42.5%.

### No. of Incidents within Heathfield Station Area per year

2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	Total
228	201	131	111	118	143	136	145	131	1,344

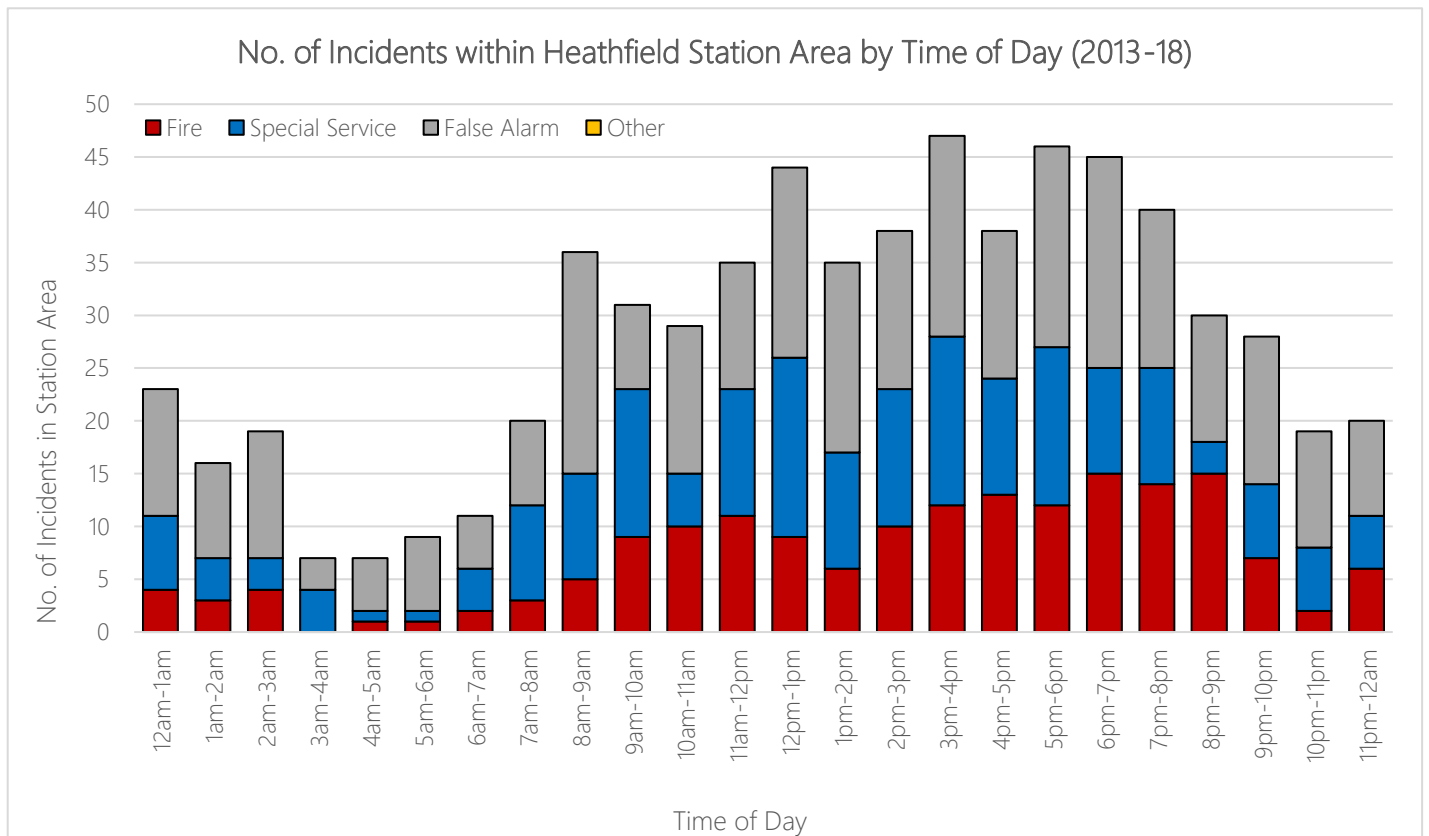
Between 2013-18, there were 673 incidents within the Heathfield station area, which equates to an average of 135 incidents per year.

Heathfield station area ranks 14 out of all 24 geographical station areas in terms of the numbers of incidents occurring within its area. Comparing with the other on-call station areas across ESFRS, Heathfield ranks 3<sup>rd</sup> out of 12, making it one of the busier areas covered by an on-call station, as shown below.

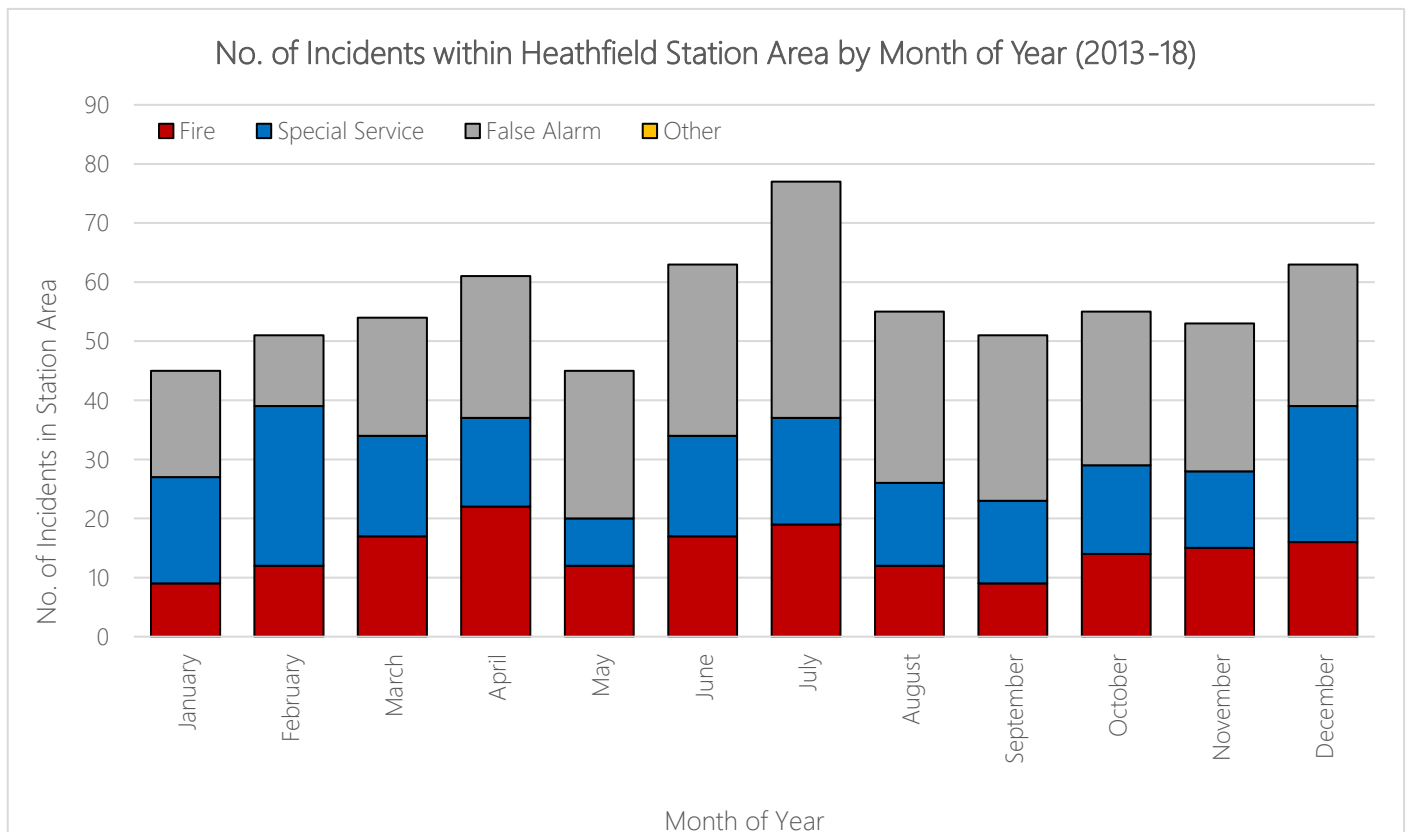




The following charts show the distribution of incidents by time of day and month of year. The shape of these distributions follows a typical distribution, with a sharp increase around 8am and a steady decline in the evening.



As you would expect, there are slightly more incidents during the summer months compared to winter. It can be seen that July is the busiest month, and January is the quietest.



The following table illustrates the types of incidents that have occurred within Heathfield station area over the past 9 years. Dwelling fires and RTC incidents combined make up 20% of incidents (13 per year) which is higher than the ESFRS average, due to the much higher proportion of RTCs (14% of incidents in Heathfield are RTCs, compared to 5% for ESFRS). The proportion of fires within Heathfield station area are similar to the ESFRS average, however false alarm incidents are lower by 5%. Heathfield (7.4%) also experiences higher proportions of chimney fires compared to the rest of the service (1.6%).

### No. of Incidents within Heathfield 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	6	4	7	8	6	14	5	9	8	67	8	6.2	6.3
Primary Fire - Non Residential	2	5	3	3	1	4	3	2	4	27	3	2.1	2.1
Primary Fire - Other Residential	0	0	0	0	3	0	0	1	1	5	1	0.7	0.6
Primary Fire - Vehicle	9	10	4	6	2	4	4	5	6	50	4	3.1	2.7
Primary Fire - Outdoor	2	3	3	1	1	2	0	4	1	17	2	1.2	0.9
Chimney Fire	12	19	7	15	8	13	6	8	15	103	10	7.4	1.6
Secondary Fire	13	18	11	6	6	11	6	4	7	82	7	5.1	8.1
Fire - Classification Not Recorded	0	0	0	0	0	0	0	0	0	0	0	0.0	0.1
Special Service - Advice Only	0	0	0	0	1	0	0	0	0	1	0	0.1	0.3
Special Service - Animal assistance incidents	0	5	3	2	5	7	1	2	3	28	4	2.7	2.3
Special Service - Assist other agencies	3	1	0	1	1	0	4	1	3	14	2	1.3	1.7
Special Service - Effecting Entry/Exit	5	2	0	2	2	0	0	0	1	12	1	0.4	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	2	3	3	1	7	5	5	3	4	33	5	3.6	4.2
Special Service - Hazardous Materials	0	1	0	2	0	0	0	1	1	5	0	0.3	0.3
Special Service - Lift Release	1	4	1	0	1	1	1	1	2	12	1	0.9	3.7
Special Service - Making Safe (not RTC)	3	0	2	1	4	1	1	1	1	14	2	1.2	1.8
Special Service - Medical Incident	0	0	0	0	1	1	0	1	1	4	1	0.6	0.2
Special Service - No action (not false alarm)	1	2	1	1	1	1	2	1	0	10	1	0.7	0.7
Special Service - Other rescue/release of persons	4	2	0	0	1	3	1	0	2	13	1	1.0	1.0
Special Service - Other Transport	0	1	0	0	1	0	1	0	1	4	1	0.4	0.3
Special Service - Removal of objects from people	1	0	2	0	0	0	0	0	2	5	0	0.3	0.6
Special Service - Removal of people from objects	0	0	0	0	0	1	0	2	0	3	1	0.4	0.3
Special Service - Rescue or evacuation from water	0	0	0	0	0	0	0	0	0	0	0	0.0	0.1
Special Service - RTC	18	17	15	16	9	19	25	23	19	161	19	14.1	5.1
Special Service - Spills and Leaks (not RTC)	2	2	1	0	0	0	2	2	2	11	1	0.9	1.1
Special Service - Stand By	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Special Service - Suicide	0	0	0	0	0	0	0	0	0	0	0	0.0	0.1
Special Service - Unknown	0	0	1	0	1	0	0	0	0	2	0	0.1	0.2
Special Service - Water provision	0	0	0	0	0	0	0	0	1	1	0	0.1	0.0
False Alarm - Apparatus	121	85	47	36	48	44	49	53	29	512	45	33.1	34.6
False Alarm - Good Intent	23	14	20	9	4	12	20	19	16	137	14	10.5	13.6
False Alarm - Malicious	0	1	0	1	2	0	0	1	1	6	1	0.6	1.3
False Alarm - Unknown	0	0	0	0	2	0	0	0	0	2	0	0.3	0.2
Other	0	2	0	0	0	0	0	0	0	2	0	0.0	0.0
<b>Grand Total</b>	<b>228</b>	<b>201</b>	<b>131</b>	<b>111</b>	<b>118</b>	<b>143</b>	<b>136</b>	<b>145</b>	<b>131</b>	<b>1,344</b>	<b>135</b>	<b>100</b>	<b>100</b>

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 64% of false alarms are to residential dwellings, which is higher than the average proportion across ESFRS. Proportionally there are a lower number of non-residential, other residential and outdoor false alarms compared to ESFRS as a whole.

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

Property Type	Heathfield	ESFRS
Dwelling	193 (64.3%)	11,127 (49%)
Non-Residential	38 (12.7%)	6,612 (29.1%)
Other Residential	42 (14%)	2,181 (9.6%)
Outdoor	16 (5.3%)	1,762 (7.8%)
Outdoor Structure	1 (0.3%)	194 (0.9%)
Road Vehicle	7 (2.3%)	443 (2%)
Unknown	3 (1%)	377 (1.7%)
<b>Total</b>	<b>300</b>	<b>22,696</b>

The following table shows the number of critical incidents that occur within Heathfield station area over the past 9 years. This equates to an average of 11 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 134 incidents occur within Heathfield area each year, this represents around 8.5% of incidents have some form of life risk, which is higher than the ESFRS average of 5.2%.

#### No. of Critical Incidents within Heathfield Station Admin Area

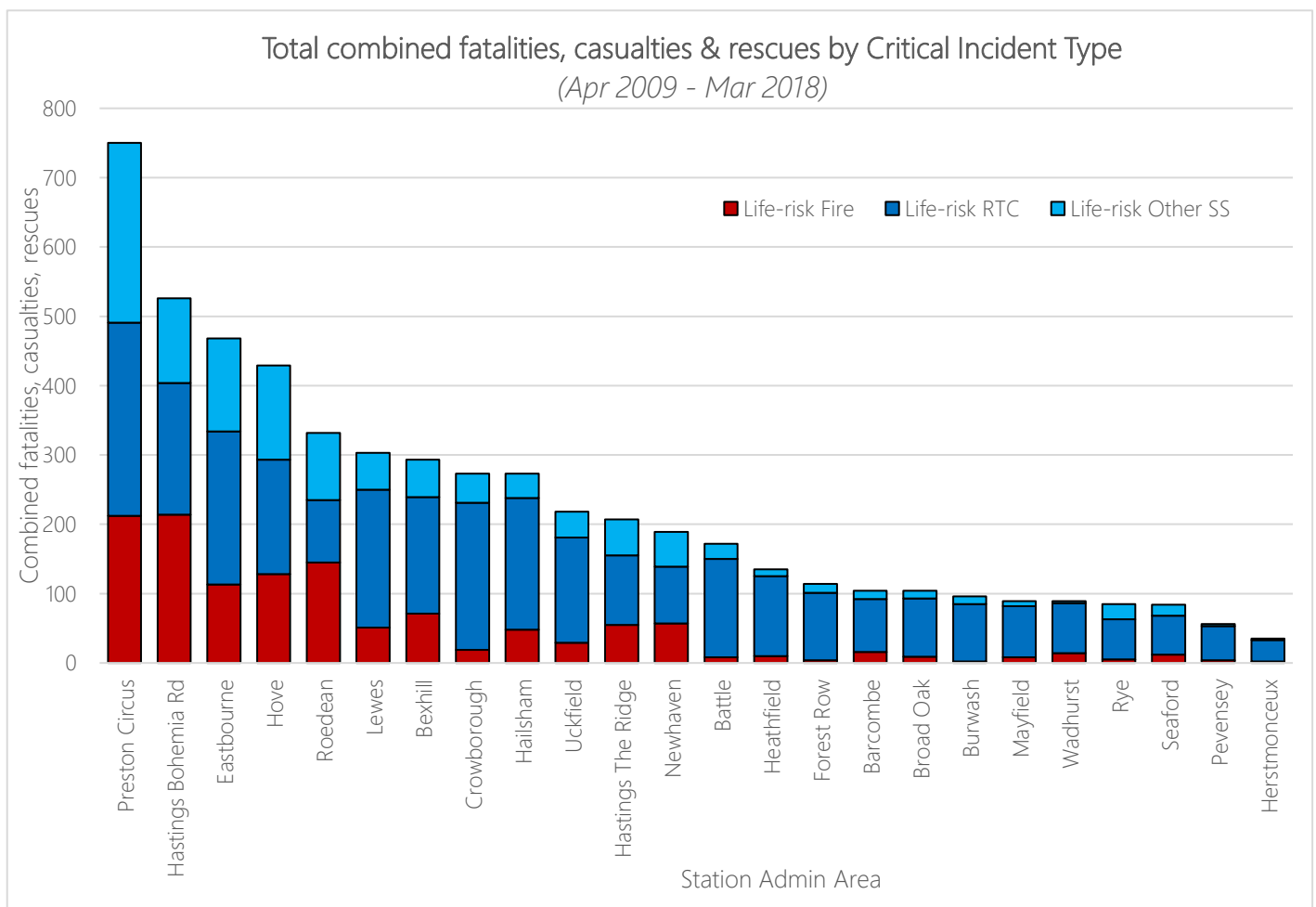
Critical Incidents	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	Total
Life-risk Fire	2	0	1	1	1	2	1	0	0	8
Life-risk RTC	12	7	8	11	8	13	11	8	7	85
Life-risk Special Serv.	1	0	0	0	3	0	2	1	3	10
<b>Total</b>	<b>15</b>	<b>7</b>	<b>9</b>	<b>12</b>	<b>12</b>	<b>15</b>	<b>14</b>	<b>9</b>	<b>10</b>	<b>103</b>

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 103 critical incidents have resulted in 135 injuries and/or rescues over the past 9 years (15 fatalities, casualties, rescues per year), thus each critical incident in Heathfield area gives rise to 1.31 casualties. This is similar to the ESFRS average of 1.26 casualties to every critical incident.

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

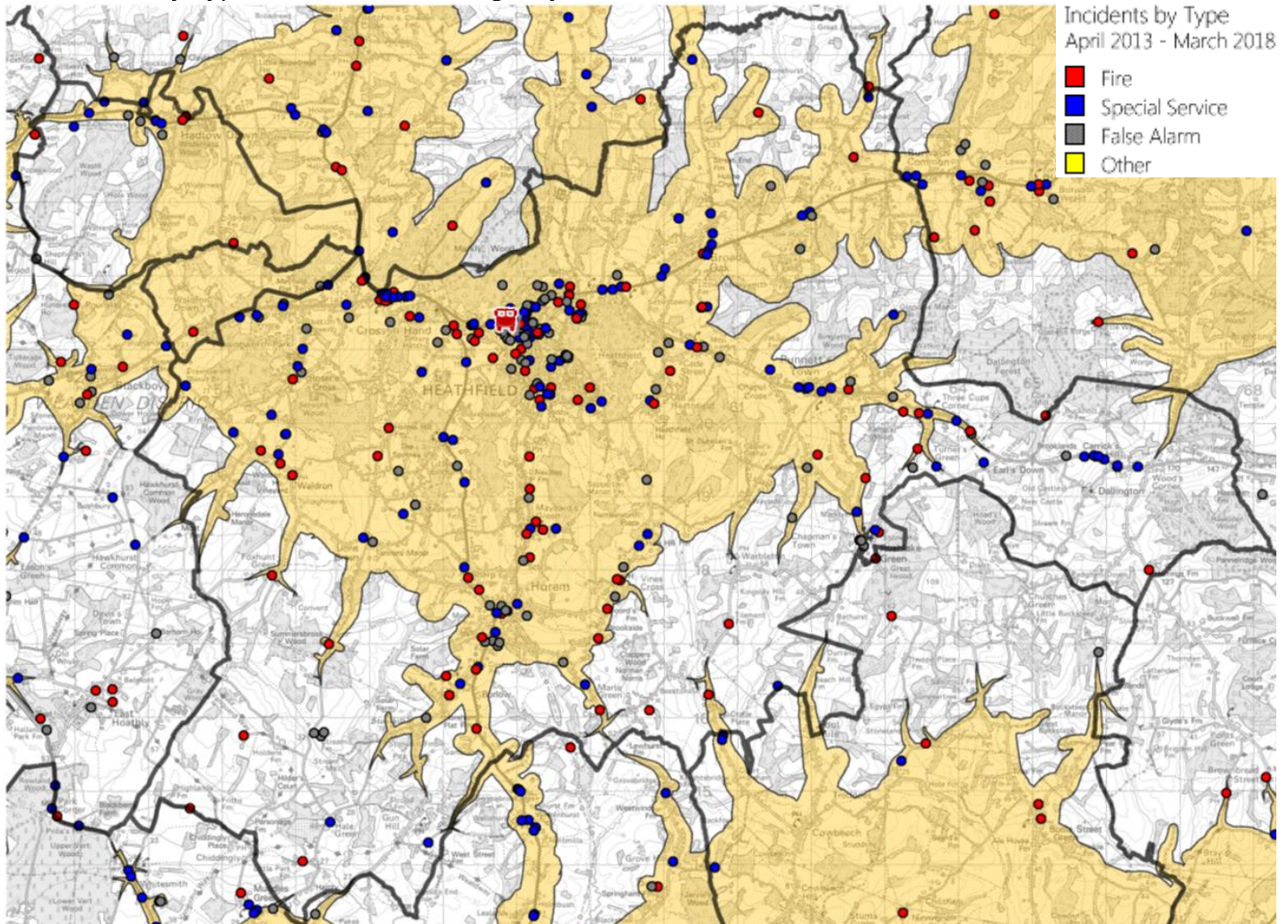
Casualty Severity	Fire	RTC	Other SS.	Total
Fatal Injury	0	6	0	6
Serious Injury	3	23	5	31
Slight Injury	2	69	5	76
First Aid/Prec. Check	5	11	0	16
Rescue (No Injury)	0	6	0	6
<b>Total Life-Risk</b>	<b>10</b>	<b>115</b>	<b>10</b>	<b>135</b>

Heathfield ranks 2<sup>nd</sup> out of the 12 on-call areas regarding combined numbers of fatalities casualties and rescues, only Hailsham station area experiences more as an on-call area. Overall, Heathfield ranks 14 out of the 24 station areas as demonstrated on the following chart.



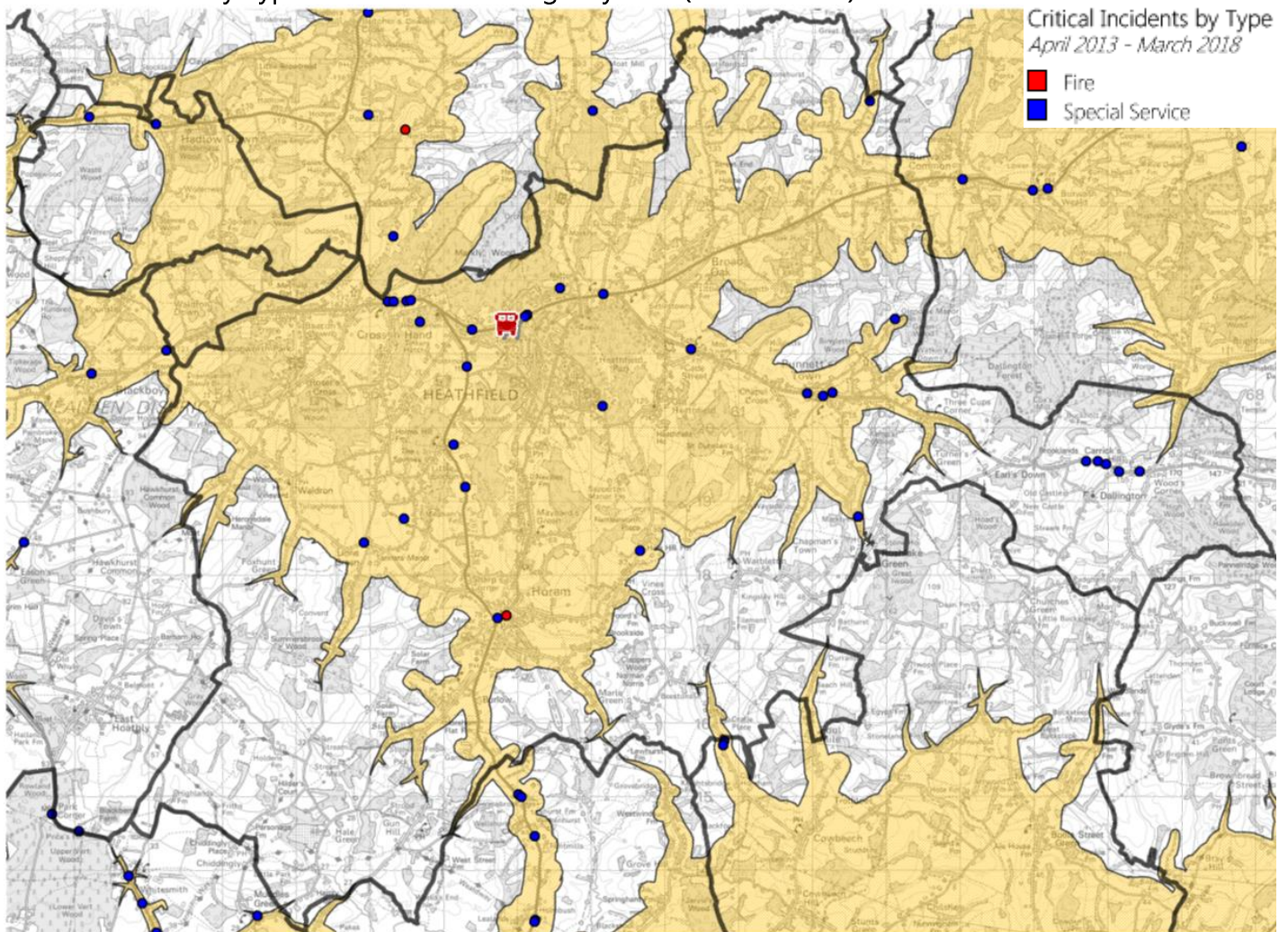
57% of incidents within Heathfield station area occurred during the daytime (between 08:30 and 18:30). The map below shows all daytime incidents over the last 5 years, with daytime attendance standards coverage overlaid. 90% of daytime incidents fall within the attendance standards isochrone. The proportion of all incidents that fall outside of the isochrones is the 7<sup>th</sup> highest out of all station areas, the majority that fall outside are located in the east (in and around Dallington), and throughout the south of the station area.

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



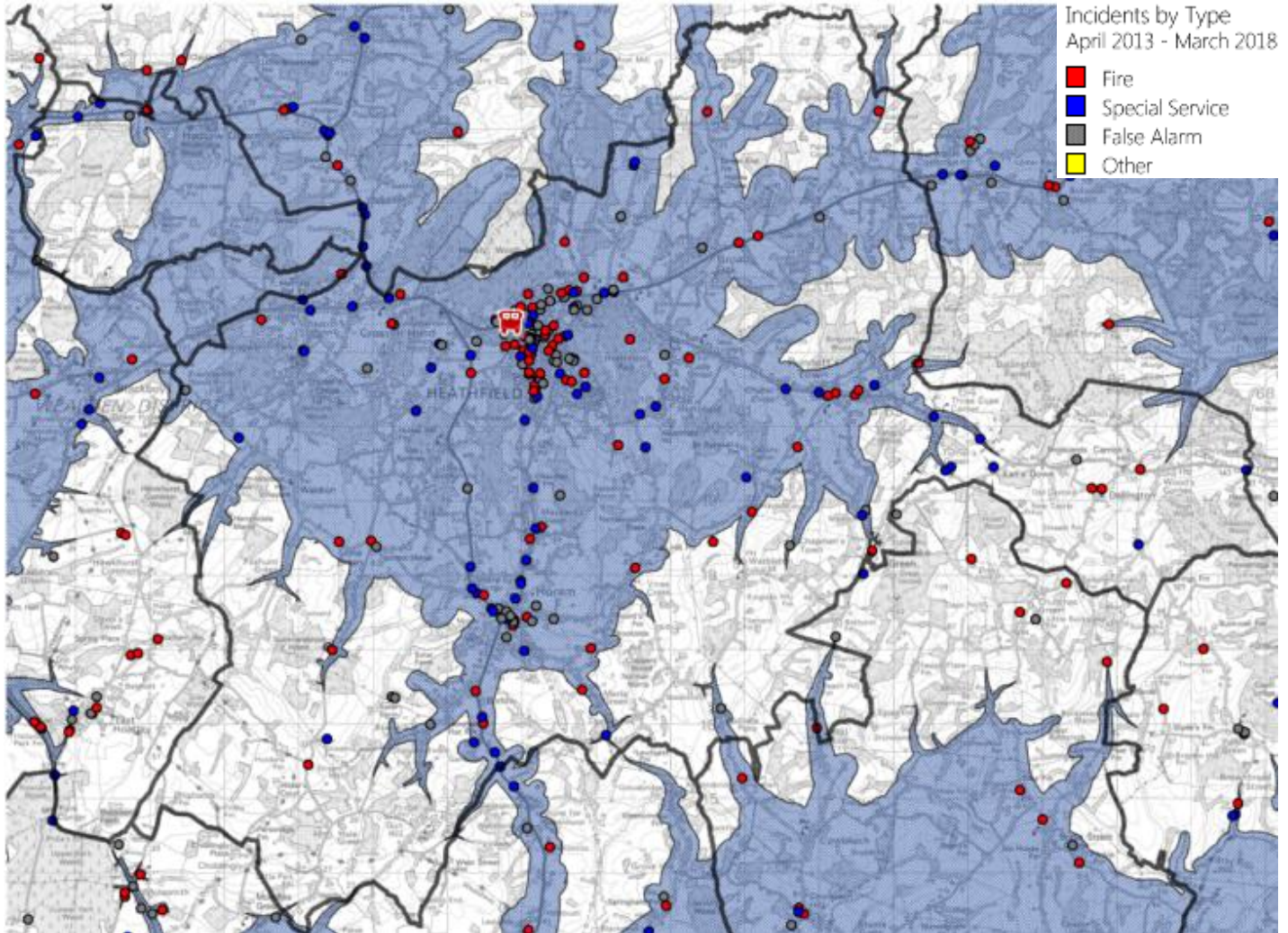
The following map now only shows critical incidents that occurred within Heathfield station area during the day. 57% of critical incidents occurred during the daytime (between 08:30 and 18:30). 85% fall within the attendance standards isochrone. The incidents that fall outside of the isochrones are special service incidents around Dallington.

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



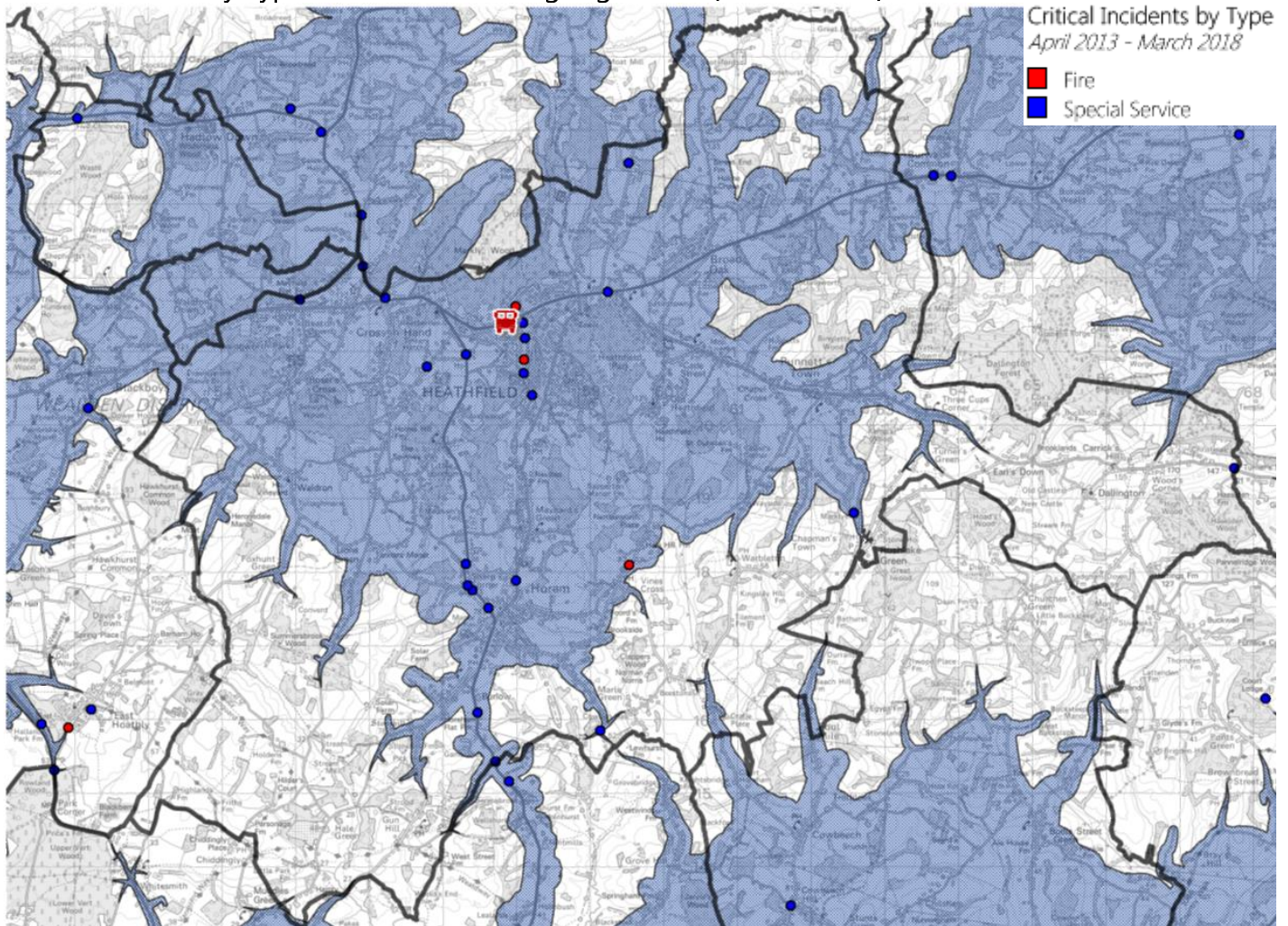
43% of incidents within Heathfield station area occurred during the night time (between 18:30 and 08:30). The map below shows all night time incidents over last 5 years, with night time attendance standards coverage overlaid. 94% of night time incidents fall within the attendance standards isochrone. The proportion of all incidents that fall outside of the isochrones is the 6<sup>th</sup> highest out of all station areas. This is due to the number of incidents that occur in the remote rural locations in the east and south of the area.

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



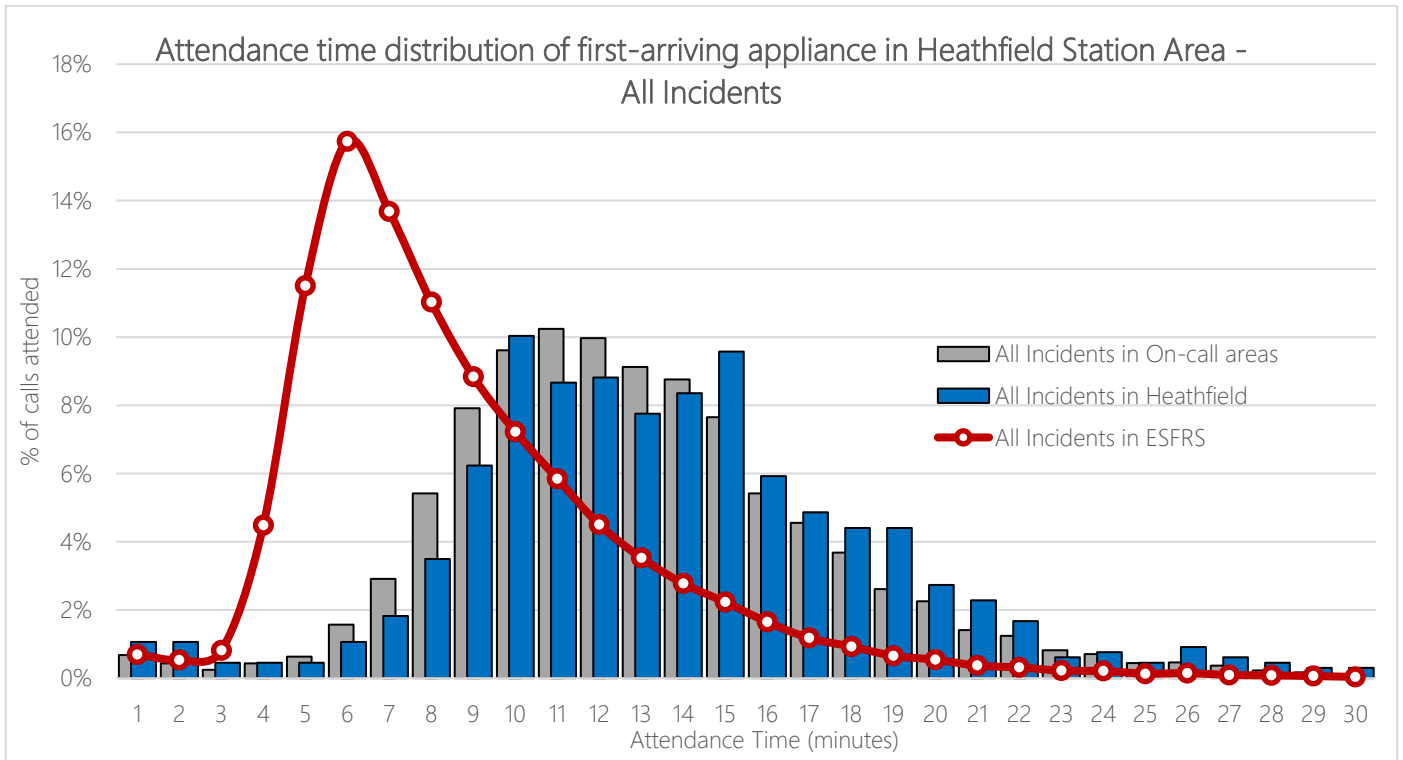
The following map now only shows critical incidents that occurred within Heathfield station area during the night. 43% of critical incidents occurred during the night time (between 18:30 and 08:30). 96% fall within the attendance standards isochrone.

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

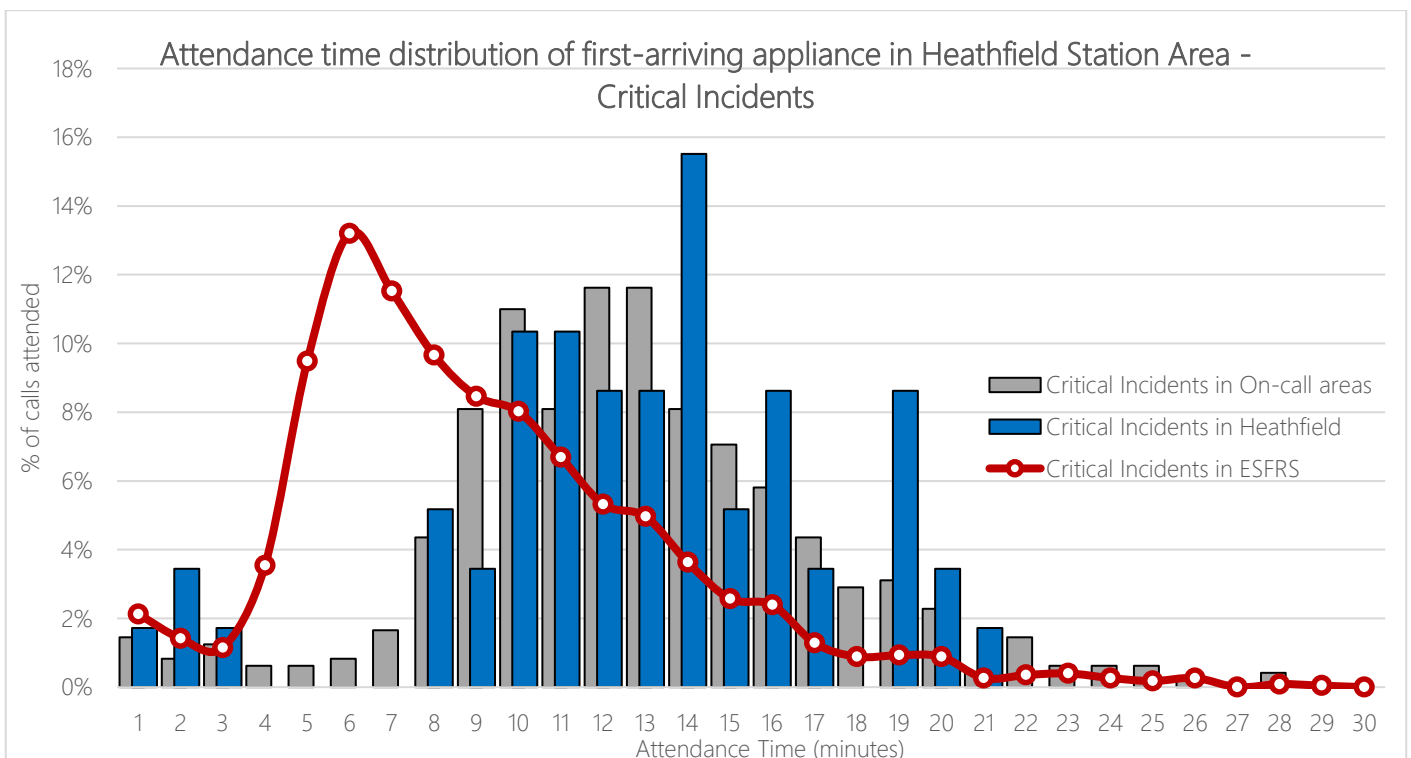




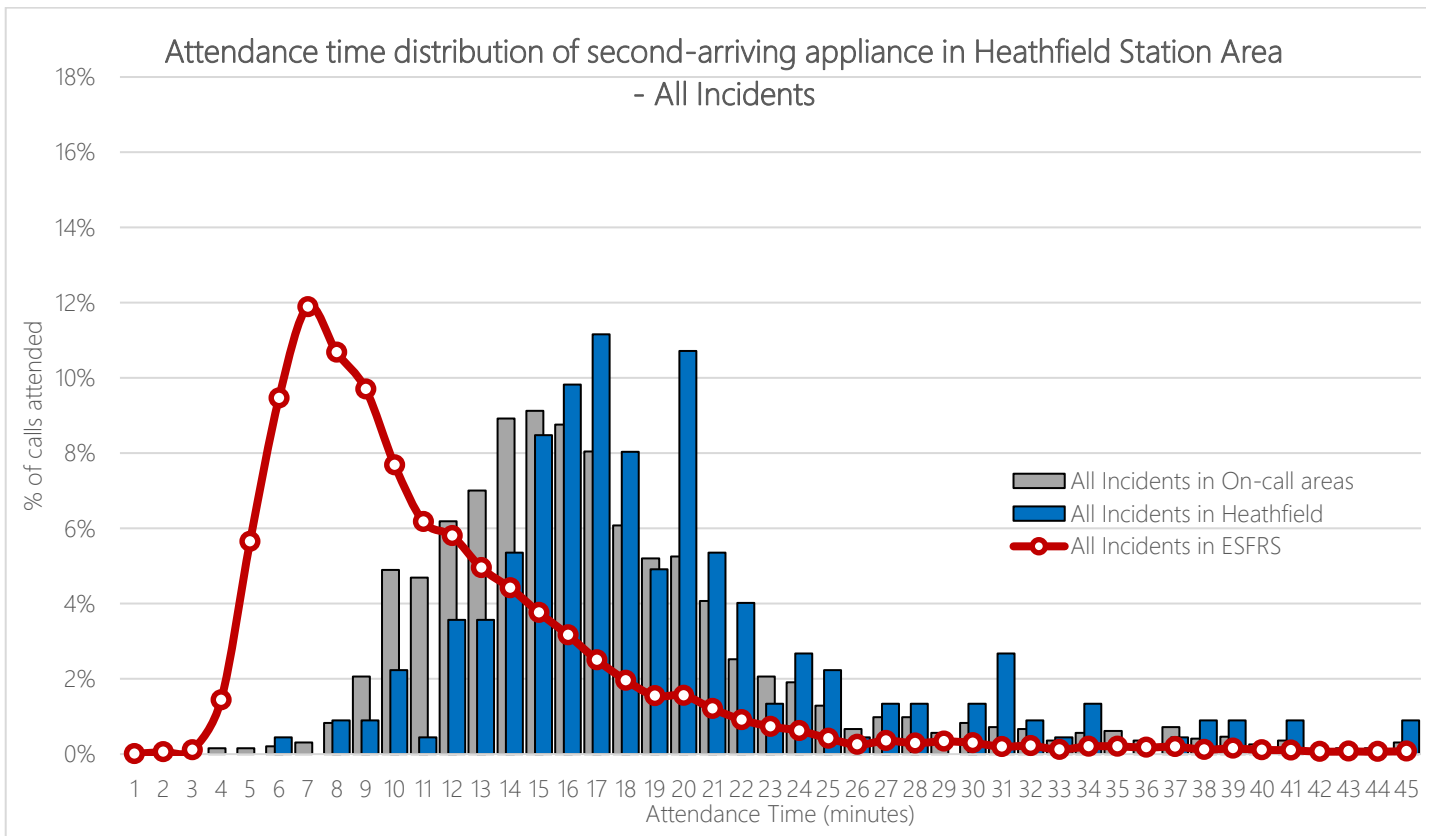
The chart below shows the distribution of response times by minute intervals. These distributions are based on 5 years of data (Apr 2013 – Mar 2018) and help understand the range of response times to all types of incidents that have occurred within Heathfield Station area, compared with other areas. It can be seen that, compared to other on-call station areas, there is a slightly greater proportion of initial attendances over 15 minutes, and slightly fewer attendances under 15 minutes indicating that, overall, attendances to Heathfield are slightly slower than other on-call station areas. However, there are more attendances in 1, 2 and 10 minutes in Heathfield compared to other on-call areas, but these are proportionally very small.



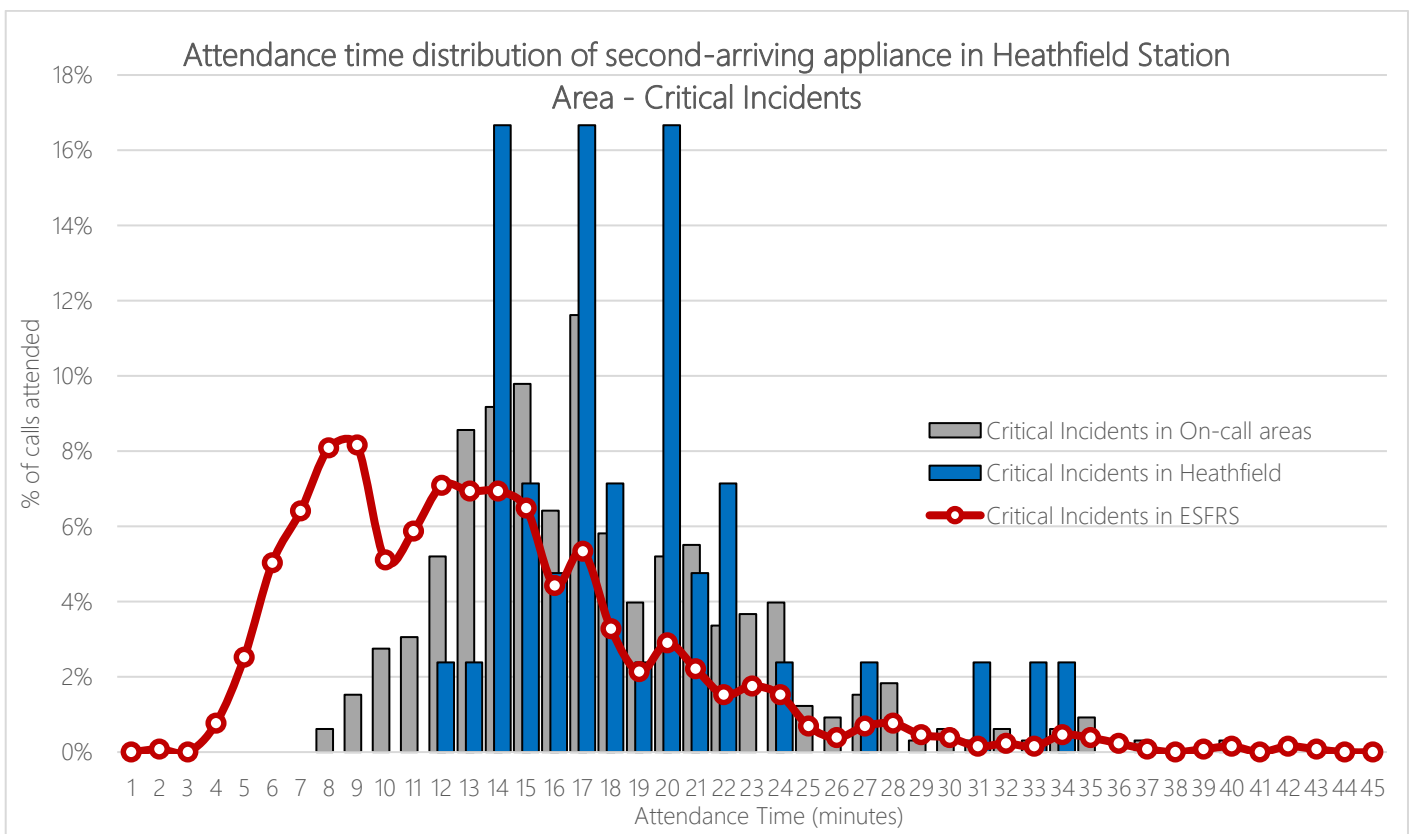
The following chart depicts similar information, but for critical incidents only. As there are fewer critical incidents within Heathfield area, the distribution curve is less uniform.



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 16-20 minutes for the arrival of the 2<sup>nd</sup> appliance compared to 10-15 minutes for the 1<sup>st</sup> appliance.



The chart below shows the distribution of attendance times to critical incidents across Heathfield station area for the 2<sup>nd</sup> 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 Heathfield 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 on-call areas, the average lag time is significantly lower for dwelling fires by approximately 3 minutes, however the lag time for RTCs is higher than the ESFRS on-call average by around 1 minute.

Incident Type	Ave. Lag Time in Heathfield	Ave. Lag Time across all On-call areas	Ave. Lag Time across ESFRS area
Primary Fire - Dwelling	05:46	08:06	03:21
Special Service - RTC	05:47	04:52	04:17

Between April 2013 and March 2018, 66% of incidents within the Heathfield station area were attended by a single fire appliance, which is slightly lower than the ESFRS average of 72%.

The table below shows, when there was a 2<sup>nd</sup> pump attendance, which appliances attended. FJE82M1 was the second on 20% of occasions, which can be expected as it is also based at Heathfield. The primary pump at Heathfield (82P5) was the second pump in its own ground on 12% of occasions. Uckfield was the 2<sup>nd</sup> pump on 18% of occasions, Burwash was on 14% and Mayfield provided the 2<sup>nd</sup> pump on 13% of occasions. Due to its central located it can be seen that the 2<sup>nd</sup> pump attends Heathfield station area from a wide range of ESFRS stations.

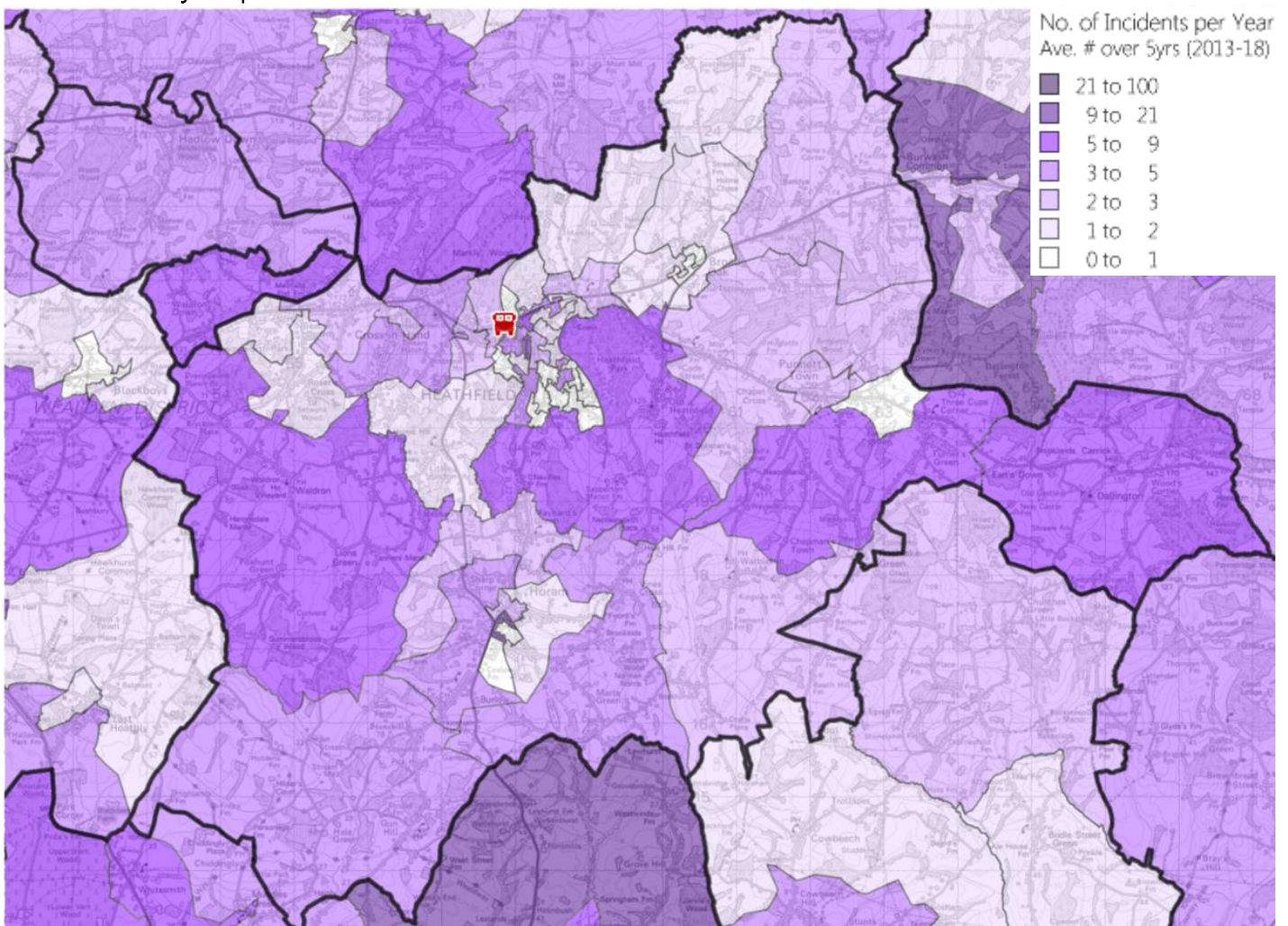
FJE82M1 (20%)	FJE84P1 (18%)	FJE74P1 (14%)	FJE81P1 (13%)	FJE82P5 (12%)	FJE80P1 (8%)
FJE79P1 (4%)	FJE83M1 (4%)	FJE72P1 (2%)	FJE84P4 (2%)	FJE76P1 (1%)	FJE83P1 (1%)

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 Heathfield 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.

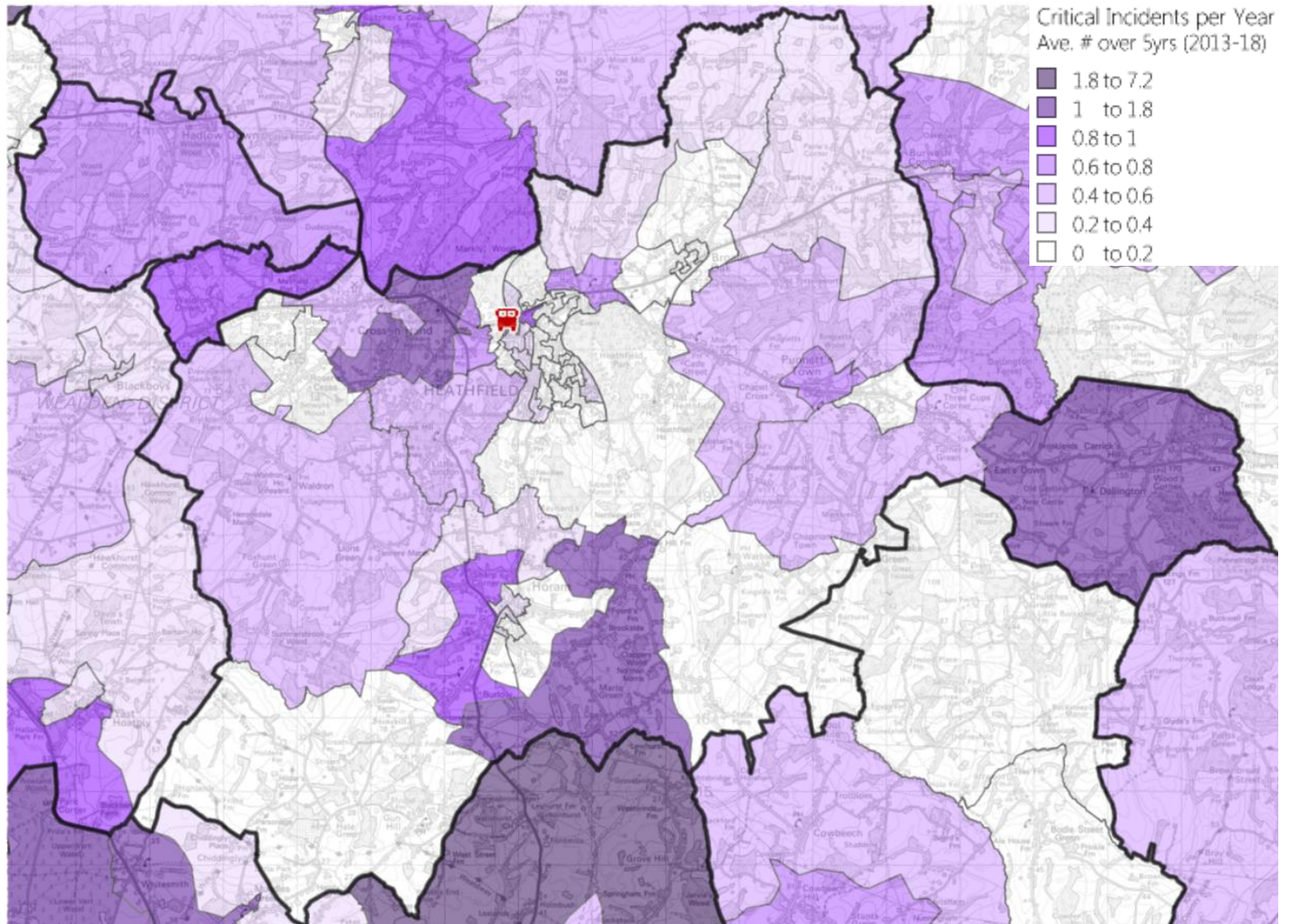
It can be seen that, aside from the areas in and around Heathfield town, there are higher density areas in the east and west of the station area.

### 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 are fewer critical incidents in Heathfield town, and more around Dallington in the East, Cross in Hand in the west, and in the south around Marle Green. 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



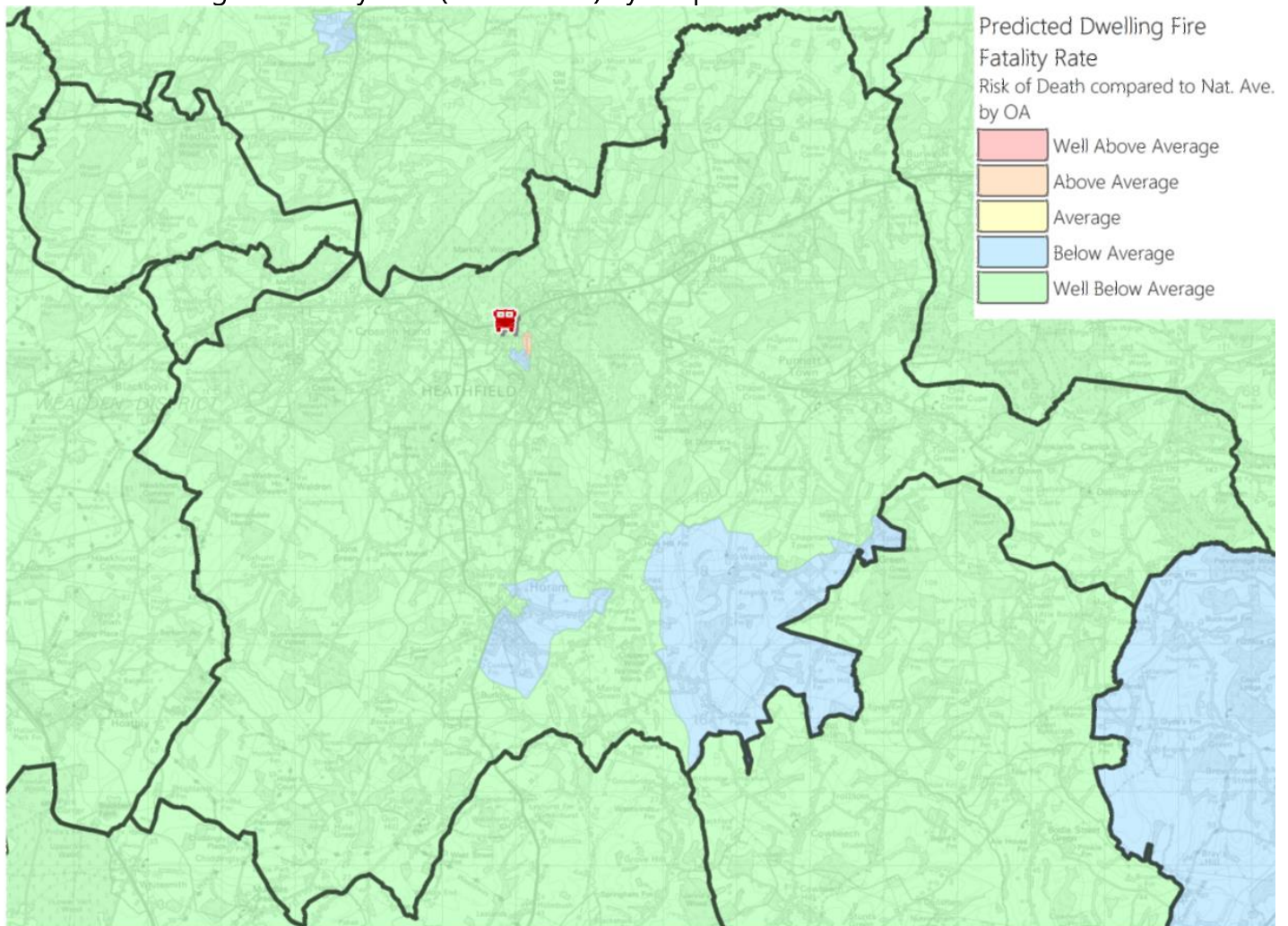
The following table illustrates the number of level 3 and 4 incidents that have occurred over the past 9 years within Heathfield station area. A level 3 incident is where between 7-9 pumping appliances are in attendance at the incident, whereas a level 4 incident represents where 10 or more pumping appliances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

	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	0	0	1	0	0	1	1	0	4
Level 4 (10+ pumps)	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>4</b>
<b>ESFRS Total</b>	<b>17</b>	<b>11</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>9</b>	<b>7</b>	<b>7</b>	<b>12</b>	<b>93</b>

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.

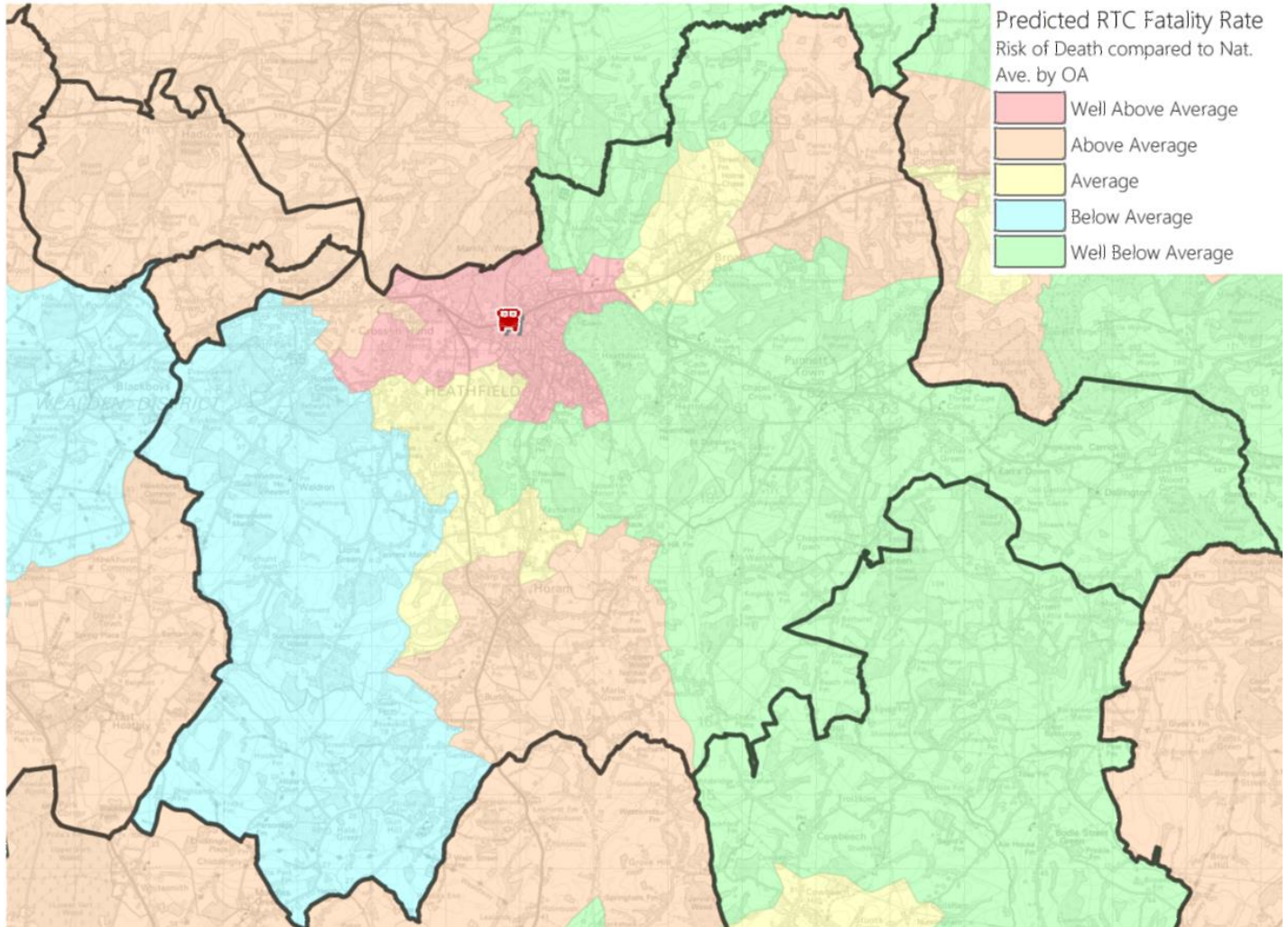
It can be seen that the Heathfield station area predominately has a well below average risk of sustaining fatal injuries in a fire compared with the national average. There are 3 areas that are below average, one in Heathfield town and two in the south near Horam and Warbleton. There is also one area that is above average risk, located in the centre of Heathfield town.

### 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. Areas through which the main A267 and A265 are located are described as an average or above average risk of death compared with the national average. Heathfield town centre, where the junction of the two A roads is, is described as a well above average risk area. Despite being outside the attendance standard isochrones, and having a number of RTCs, the B2096 around Dallington is classified as a well below average risk area.

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



### Incidents to which Heathfield appliance(s) were mobilised

Whilst the previous section dealt with incidents within Heathfield station area irrespective of which appliances were mobilised, this section deals with incidents to which Heathfield 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 Heathfield. 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. The average turn-out time across the 9 years is 06:13, and turn-out times have fluctuated slightly over the 9 years, however 2017/18 is the slowest at 06:28.

### Average turn-out times of Heathfield appliance(s)

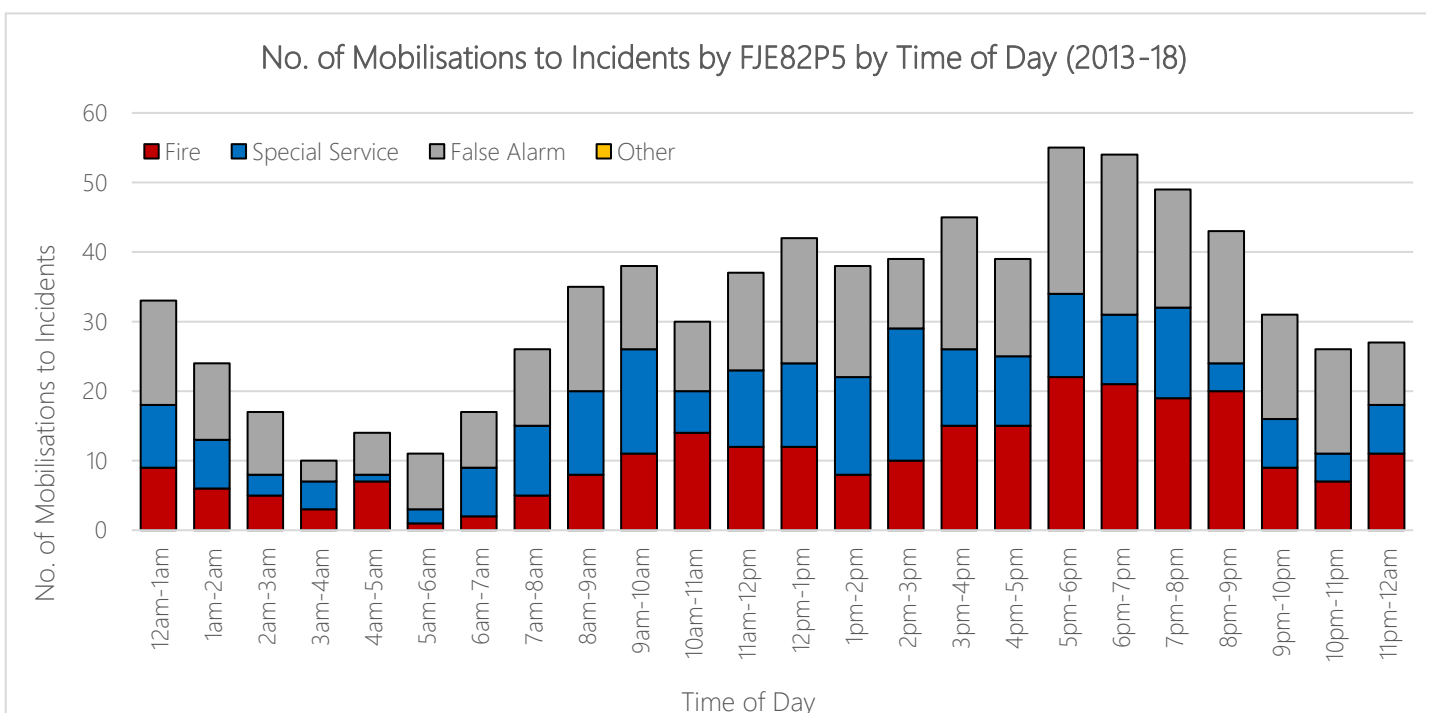
Callsign	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
FJE82P5	06:13	06:13	06:25	06:02	05:57	06:04	06:23	06:18	06:28

The following table shows the number of mobilisations to an incident for the Heathfield appliance (82P5). 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 FJE82P5 have reduced by 31% (ranking 19<sup>th</sup> out of the 33 pumping appliances with greatest reduction in mobilisations).

### 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
FJE82P5	209	202	149	124	157	194	155	129	145	-31
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 shows the incidents to which the 82P5 has mobilised to by time of day.





The following tables illustrate the types of incidents to which each Heathfield appliance has mobilised to over the past 5 years. FJE82P5 mobilises to a higher proportion of fire incidents compared with the rest of ESFRS – approximately 10% more, and proportionally 7% fewer false alarms.

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

Incident Type	FJE82P5	%	All ESFRS Incidents	%
Fire	252	32.3	10,263	21.7
Special Service	210	26.9	13,332	28.2
False Alarm	318	40.8	22,838	48.4
Other	0	0.0	786	1.7
<b>All Incident Types</b>	<b>780</b>	<b>-</b>	<b>47,219</b>	<b>-</b>

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

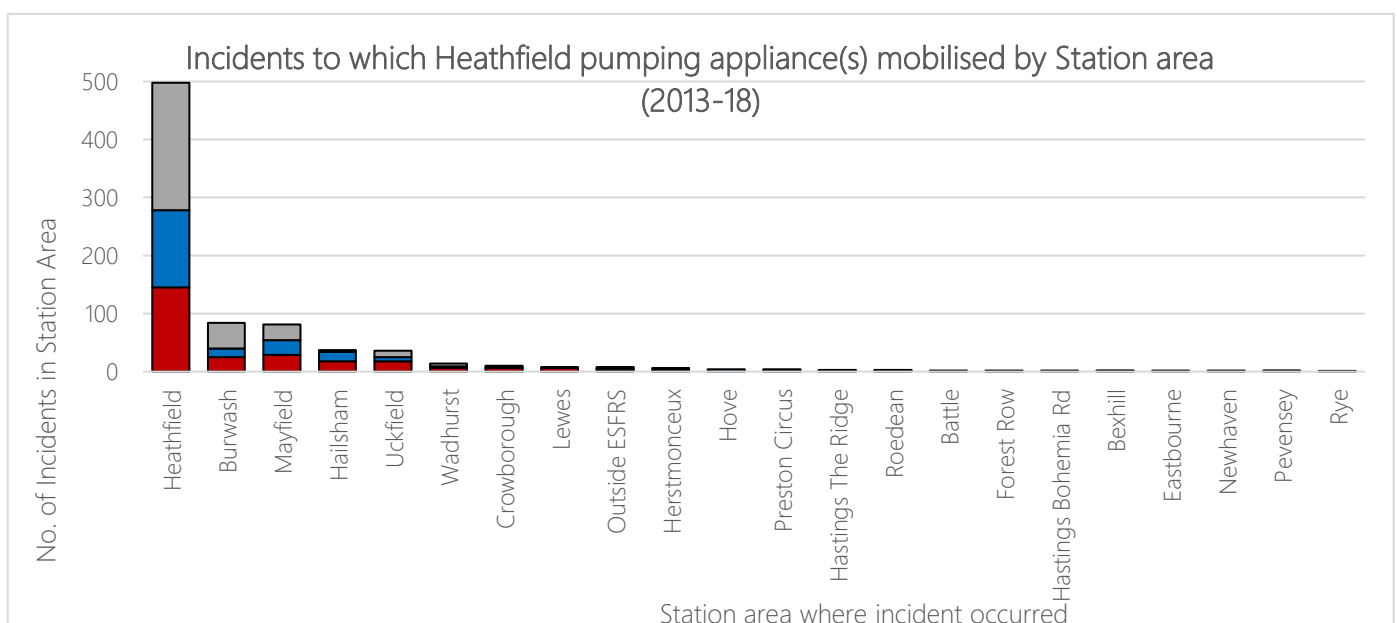
Incident Type	FJE82P5	%	All ESFRS Incidents	%
Primary Fire - Dwelling	75	9.6	2,871	6.1
Primary Fire - Non Residential	32	4.1	984	2.1
Primary Fire - Other Residential	6	0.8	265	0.6
Primary Fire - Other transport vehicle	0	0.0	14	0.0
Primary Fire - Outdoor	17	2.2	396	0.8
Primary Fire - Road Vehicle	23	2.9	1,256	2.7
Chimney Fire	55	7.1	717	1.5
Secondary Fire - Dwelling	0	0.0	25	0.1
Secondary Fire - Non Residential	1	0.1	64	0.1
Secondary Fire - Other Residential	0	0.0	0	0.0
Secondary Fire - Other transport vehicle	0	0.0	2	0.0
Secondary Fire - Outdoor	41	5.3	3,561	7.5
Secondary Fire - Road Vehicle	2	0.3	58	0.1
Fire - Classification Not Recorded	0	0.0	50	0.1
Special Service - Advice Only	1	0.1	150	0.3
Special Service - Animal assistance incidents	16	2.1	1,050	2.2
Special Service - Assist other agencies	4	0.5	767	1.6
Special Service - Effecting Entry/Exit	8	1.0	1,817	3.8
Special Service - Evacuation (no fire)	1	0.1	13	0.0
Special Service - Flooding	27	3.5	1,956	4.1
Special Service - Hazardous Materials	2	0.3	133	0.3
Special Service - Lift Release	7	0.9	1,728	3.7
Special Service - Making Safe (not RTC)	11	1.4	834	1.8
Special Service - Medical Incident	4	0.5	101	0.2
Special Service - No action (not false alarm)	2	0.3	325	0.7
Special Service - Other rescue/release of persons	10	1.3	447	0.9
Special Service - Other Transport	1	0.1	136	0.3
Special Service - Removal of objects from people	2	0.3	261	0.6
Special Service - Removal of people from objects	2	0.3	146	0.3
Special Service - Rescue or evacuation from water	0	0.0	43	0.1
Special Service - RTC	101	12.9	2,374	5.0
Special Service - Spills and Leaks (not RTC)	7	0.9	495	1.0
Special Service - Stand By	0	0.0	6	0.0
Special Service - Suicide	1	0.1	71	0.2
Special Service - Unknown	3	0.4	471	1.0
Special Service - Water provision	0	0.0	8	0.0
False Alarm - Apparatus	244	31.3	15,820	33.5
False Alarm - Good Intent	68	8.7	6,255	13.2
False Alarm - Malicious	5	0.6	601	1.3
False Alarm - Unknown	1	0.1	162	0.3
Other	0	0.0	786	1.7
<b>Total</b>	<b>780</b>	<b>-</b>	<b>47,219</b>	<b>-</b>

The following table demonstrates the number of times the pumping appliance at Heathfield 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 Heathfield appliance may not have arrived at the incident due to being stood-down en-route.

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

Station Area	FJE82P5		
	5 Year Total (2013-18)	Ave. Per Year	% by Station Area
Battle	2	0	0.3
Bexhill	1	0	0.1
Burwash	83	17	10.6
Crowborough	10	2	1.3
Eastbourne	2	0	0.3
Forest Row	1	0	0.1
Hailsham	35	7	4.5
Hastings Bohemia Rd	1	0	0.1
<b>Heathfield</b>	<b>492</b>	<b>98</b>	<b>63.1</b>
Herstmonceux	6	1	0.8
Hove	4	1	0.5
Lewes	6	1	0.8
Mayfield	80	16	10.3
Pevensey	1	0	0.1
Preston Circus	2	0	0.3
Roedean	3	1	0.4
Uckfield	33	7	4.2
Wadhurst	11	2	1.4
Outside EFRS	7	1	0.9
<b>Grand Total</b>	<b>780</b>	<b>156</b>	<b>100.0</b>

It can be seen that the pumping appliance at Heathfield (82P5) is mobilised to an incident, on average, 98 times per year and on 63% of occasions, this is to its own station area. 36% of occasions it is to other EFRS areas, with 11% of mobilisations to Burwash, and 10% to Mayfield. 1% of mobilisations are to incidents that are outside of EFRS. 82P5 completed a total of 780 mobilisations, as shown below.



N.B. The overborder figure above will likely be higher as these figures are calculated from data held within ESFRS Incident Recording System only. For over-border incidents where both Heathfield 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 Heathfield 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 Heathfield appliance(s) may not have arrived at the incident due to being stood-down en-route. 82P5 mobilises to a critical incident, on average, 15 times per year and on 57% of occasions, this is within the Heathfield station area. 43% of occasions it is to other ESFRS areas and no mobilisations are outside of ESFRS.

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

No. of Mobilisations to Critical Incidents	Appliance Callsign	Burwash	Hailsham	Heathfield	Herstmonceux	Lewes	Mayfield	Uckfield	Grand Total
5 Year Total (2013-18)	FJE82P5	6	10	43	1	1	9	5	75
Ave. Per Year	FJE82P5	1	2	9	0	0	2	1	15
% by Station Area	FJE82P5	8.0	13.3	57.3	1.3	1.3	12.0	6.7	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, FJE82P5 has met this standard, reaching 76% of all incidents within 15 minutes and 73% of critical incidents within 15 minutes.

**Incidents attended within X minutes by FJE82P5 where first-arriving appliance (Apr 2013 – Mar 2018)**

Performance of FJE82P5 as first arriving appliance	< 5 mins	< 8 mins	< 10 mins	< 13 mins	< 15 mins	< 20 mins	Total Incidents
All Incidents	22 (4%)	61 (10%)	170 (29%)	344 (58%)	453 (76%)	546 (92%)	593
Critical Incidents	3 (6%)	5 (10%)	12 (23%)	31 (60%)	38 (73%)	48 (92%)	52

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.

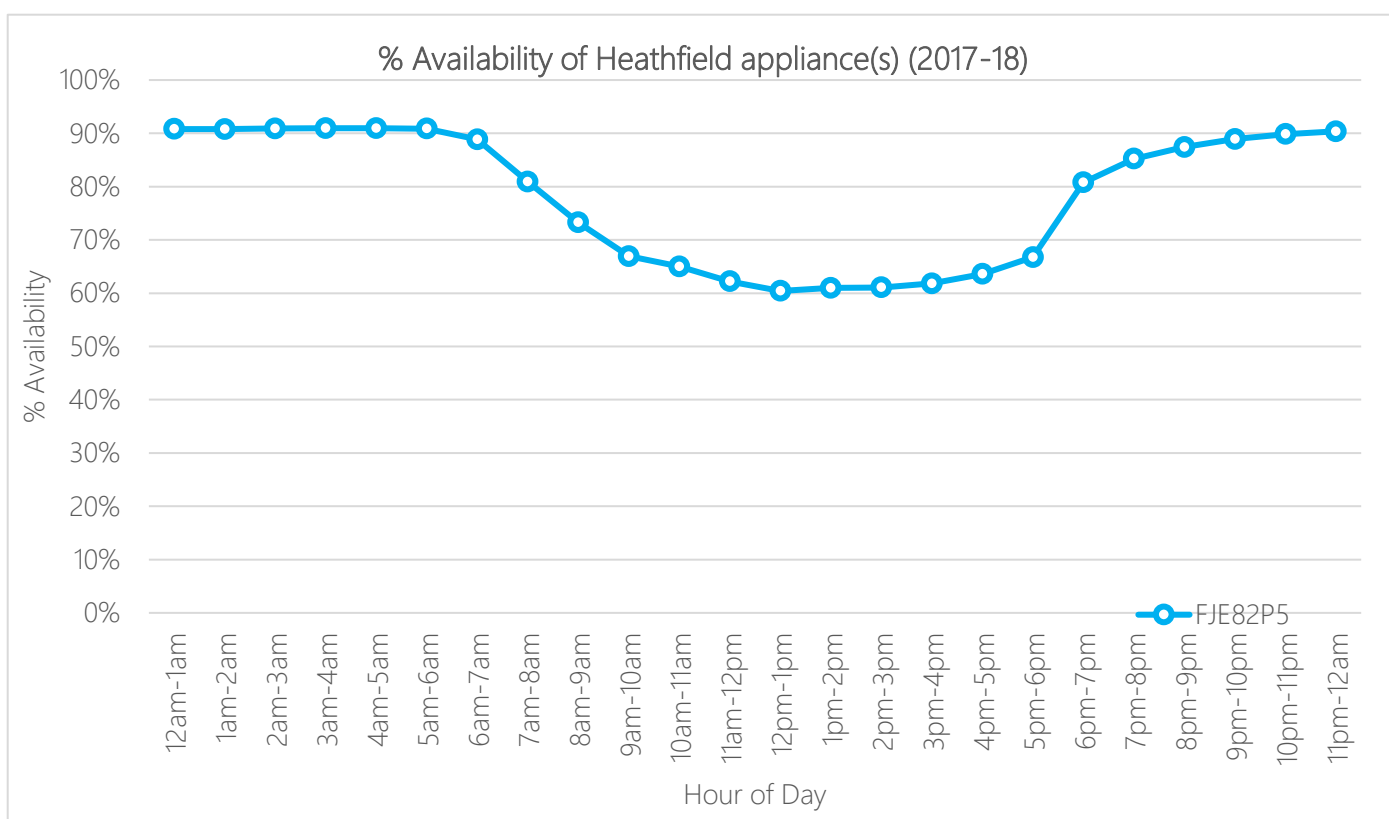
Availability of 82P5 had been improving and was at 90% in 2013/14, however in the last 3 years it has dropped, with 78% availability in 2017/18.

### Appliance Availability

Callsign	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
FJE82P5	78.0	82.0	82.6	77.8	90.2	89.0	79.0	72.8	78.3

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

It can be seen that availability of FJE82P5 dips between 8am and 6pm where it is available, on average, 64% of the time, before rising again to a maximum of 91% availability between 9pm and 6am.



### OTB attendances into Heathfield (where ESFRS did not attend)

Kent and West Sussex FRS have both attended 1 incident each in Heathfield where ESFRS did not attend. This information is stored in Kent or West Sussex's IRS system.

	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Kent into Heathfield Area	0	0	0	1	0	0	0	0	0	1
West Sussex into Heathfield Area	0	0	0	1	0	0	0	0	0	1
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.

Heathfield made 176 standby moves between April 2009 and March 2018, accounting for 1.7% of all standby moves for ESFRS. Overall, the number of standby moves completed by Heathfield has increased significantly, with the figure in 2017/18 almost 6 times higher than in 2009/10. There was a sharp increase from 2014/15 onwards.

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
Heathfield	8 (1%)	9 (1.1%)	6 (0.7%)	9 (1%)	10 (1%)	21 (2.5%)	34 (3.1%)	33 (2.1%)	46 (2%)	176 (1.7%)
ESFRS Total	773	795	877	947	1,010	835	1,086	1,556	2,301	10,180

38% of Heathfield's standbys are in Uckfield, with 67 moves accounting for 9% of all the standbys at Uckfield station. 35% of standbys are in Crowborough, with 61 standbys accounting for 10% of all the standbys at Crowborough. Heathfield have also stood by at Battle on 21 occasions, Lewes on 9 occasions, Eastbourne on 7 occasions and its own station on 4 occasions.

Standby Locations (% Within Area / Appliance)		
Standby Location	82P5	Total Standbys at Location
Uckfield	67 (38.1%)	730
Crowborough	61 (34.7%)	598
Battle	21 (11.9%)	659
Lewes	9 (5.1%)	1142
Eastbourne	7 (4%)	669
Heathfield	4 (2.3%)	23
Hastings Bohemia	2 (1.1%)	1495
Hastings Ridge	2 (1.1%)	1245
Preston Circus	1 (0.6%)	371
Hailsham	1 (0.6%)	10
Rye	1 (0.6%)	258
Total	176	-

## Special Appliances

The following section provides details of mobilisations and attendances of special appliances based at Heathfield fire station over the past 9 years. The following table illustrates the total number of mobilisations for each special appliance at Heathfield fire station, broken down by year. It can be seen that the number of mobilisations by FJE82M1 have decreased significantly, the number of mobilisations in 2017/18 is 60% lower than in 2009/10.

### No. of Mobilisations of Special Appliance(s) 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
FJE82M1	30	31	37	27	29	36	16	15	13	234	22

The following table shows the total number of mobilisations of special appliance(s) based in Heathfield station area and what station area they were mobilised to (April 2009 – March 2018).

Station Area	FJE82M1		
	Total Mobs (% Tot. Mobs)	Total Att. (% Tot. Att.)	% Did Not Arrive
Barcombe	0 (0.0%)	0 (0.0%)	0 (0.0%)
Battle	0 (0.0%)	0 (0.0%)	0 (0.0%)
Bexhill	1 (0.4%)	1 (0.5%)	0 (0.0%)
Broad Oak	0 (0.0%)	0 (0.0%)	0 (0.0%)
Burwash	11 (4.7%)	6 (3.2%)	5 (45.5%)
Crowborough	8 (3.4%)	8 (4.3%)	0 (0.0%)
Eastbourne	0 (0.0%)	0 (0.0%)	0 (0.0%)
Forest Row	8 (3.4%)	8 (4.3%)	0 (0.0%)
Hailsham	4 (1.7%)	3 (1.6%)	1 (25.0%)
Hastings Bohemia Rd	1 (0.4%)	1 (0.5%)	0 (0.0%)
Hastings The Ridge	12 (5.1%)	7 (3.7%)	5 (41.7%)
Heathfield	144 (61.5%)	120 (63.8%)	24 (16.7%)
Herstmonceux	3 (1.3%)	3 (1.6%)	0 (0.0%)
Hove	0 (0.0%)	0 (0.0%)	0 (0.0%)
Lewes	2 (0.9%)	2 (1.1%)	0 (0.0%)
Mayfield	14 (6.0%)	13 (6.9%)	1 (7.1%)
Newhaven	3 (1.3%)	3 (1.6%)	0 (0.0%)
Pevensy	1 (0.4%)	1 (0.5%)	0 (0.0%)
Preston Circus	2 (0.9%)	0 (0.0%)	2 (100.0%)
Roedean	0 (0.0%)	0 (0.0%)	0 (0.0%)
Rye	1 (0.4%)	0 (0.0%)	1 (100.0%)
Seaford	0 (0.0%)	0 (0.0%)	0 (0.0%)
Uckfield	9 (3.8%)	7 (3.7%)	2 (22.2%)
Wadhurst	5 (2.1%)	3 (1.6%)	2 (40.0%)
Outside ESFRS	5 (2.1%)	2 (1.1%)	3 (60.0%)
<b>All Mobilisations</b>	<b>234</b>	<b>188</b>	<b>46 (19.7%)</b>

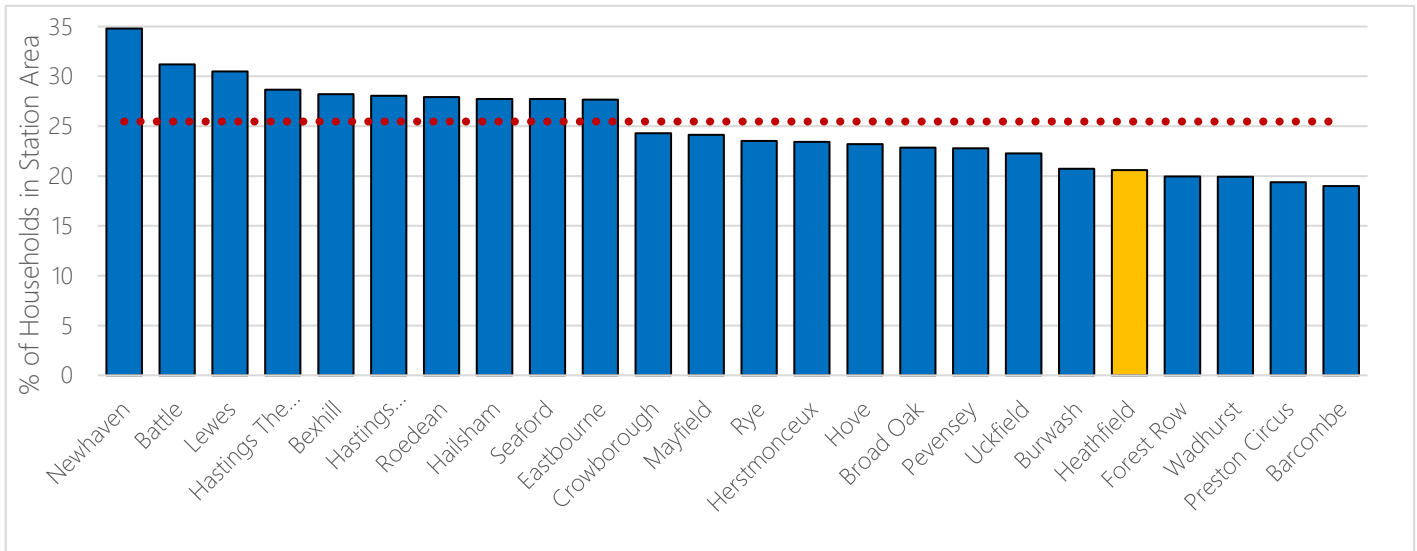
Out of all the incidents attended by FJE82M1, over half (62%) were to its own station ground. 6% were to Mayfield, 5% to The Ridge, 5% to Burwash, 4% to Uckfield, and 2% were outside ESFRS. Of all the mobilisations, 20% did not arrive at the incident.



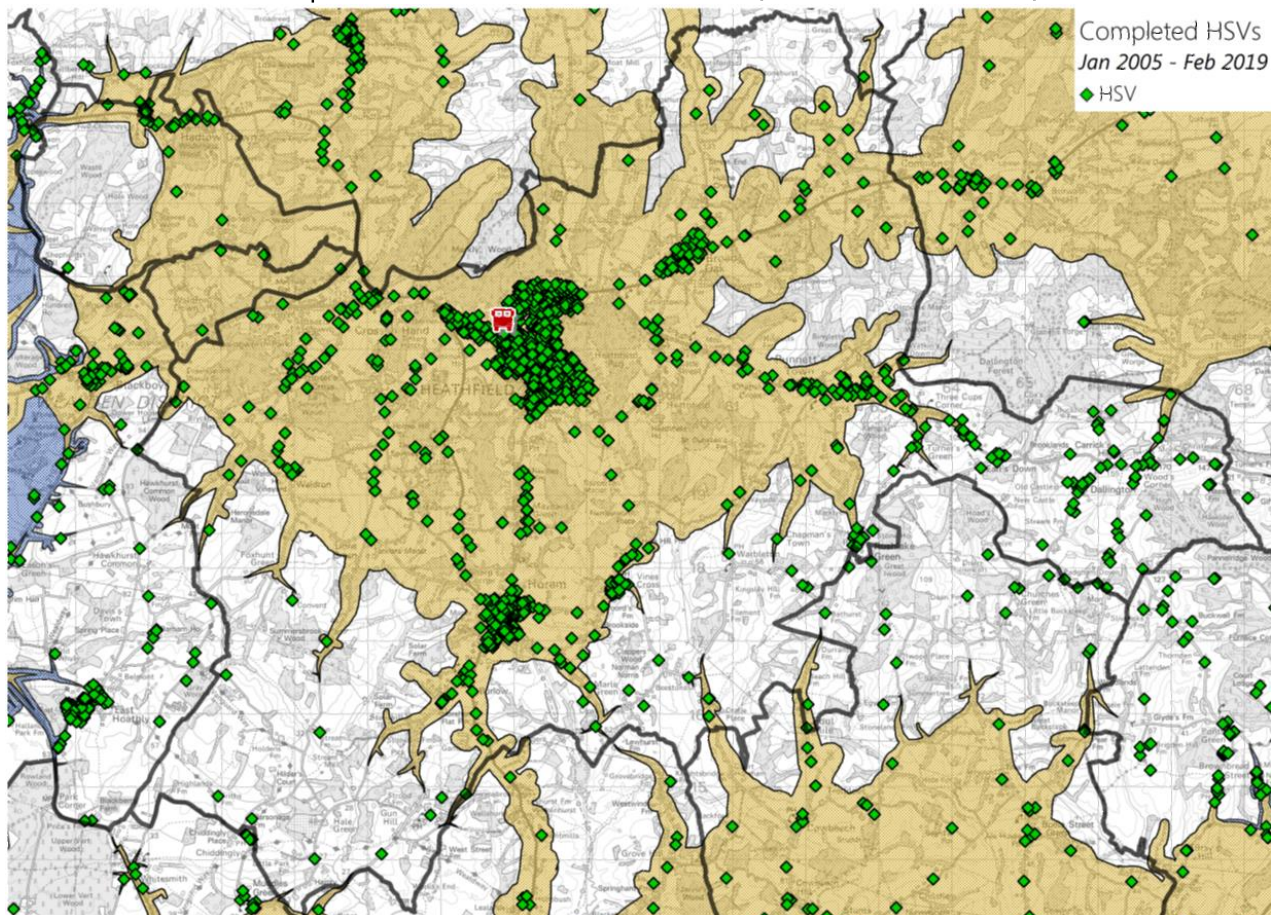
# Prevention – Home Fire Safety

Between January 2005 and February 2019, a total of 1,419 HSVs have been undertaken within Heathfield Station Admin area. These figures includes re-visits to the same property over the years. This equates to 632 unique households which have had a Home Safety Visit.

Over the last five years (Apr 2013 – Mar 2018), an average of 143 HSVs were undertaken each year – making up approximately 1.4% of all HSVs undertaken across the ESFRS area. 8% of HSVs undertaken in Heathfield station area sit outside the attendance standards isochrone – the majority of these being undertaken in the east of the station area, around Dallington. 21% of all households in Heathfield station area have had a Home Safety Visit; slightly below the ESFRS total of 25.5%.



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

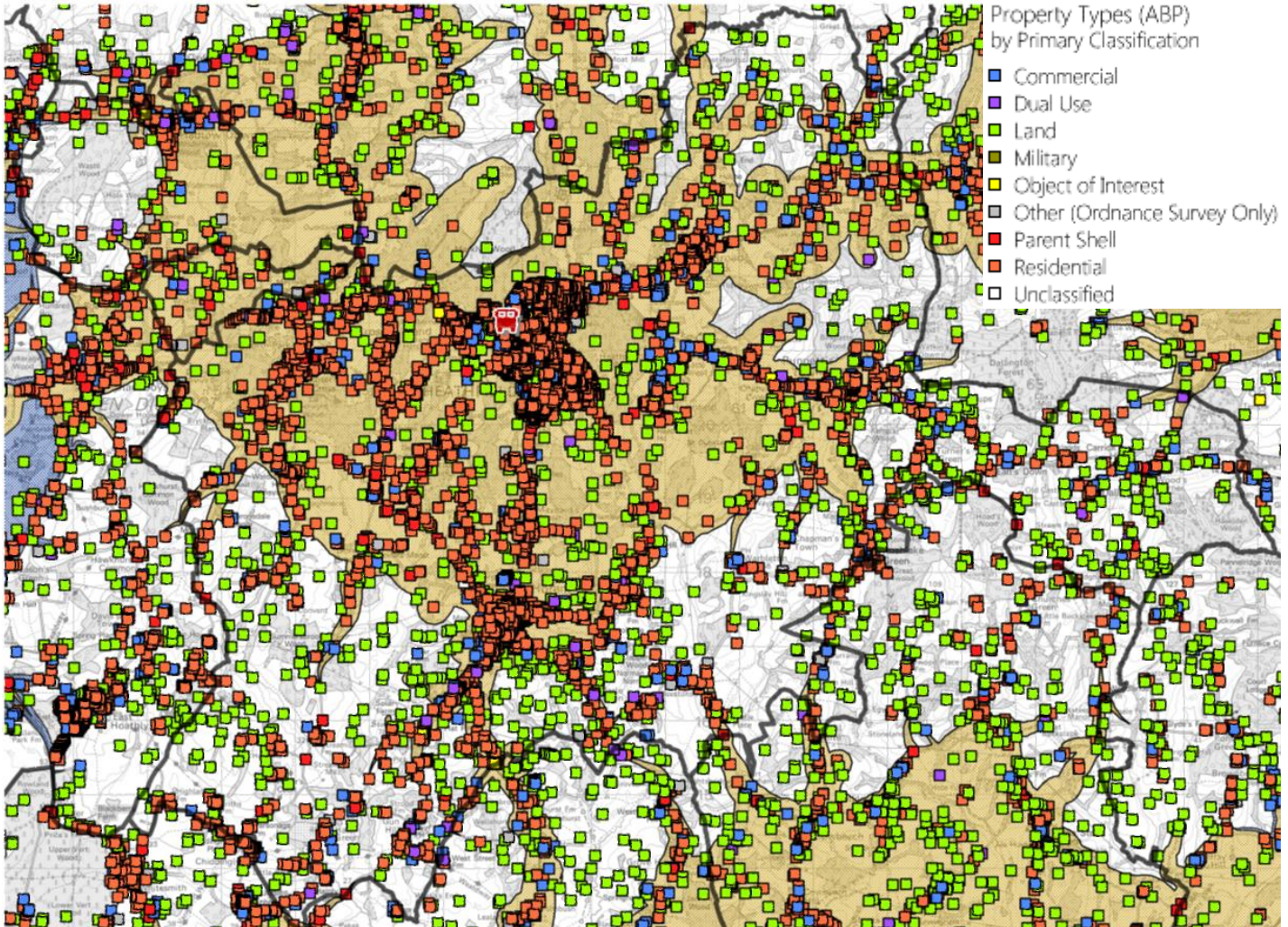




## Protection – Business Safety

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)	%
Heathfield	1,167	1,016	87.1	1,016	87.1

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

Around 13% of commercial properties were found to be outside of the attendance standards isochrones. These properties are located throughout the south and east of the station area.

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

Hospital	Care Home	Hostel	Hotel
1	9	0	0

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 Heathfield Station area. An average of 5 Business Safety Audits are completed per year, which makes up approximately 1% of audits undertaken by ESFRS each year. Almost half (47%) have been to care homes and 20% to other sleeping accommodation.

### Business Safety Audits by Property Type (% within area)

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

Property Type	Heathfield	ESFRS
A - Hospitals & Prisons	6 (8.2%)	180 (2.4%)
B - Care Home	34 (46.6%)	1,595 (21.4%)
D - Purpose Built Flats > 3 Stories	3 (4.1%)	398 (5.4%)
E - Hostel	0 (0%)	139 (1.9%)
F - Hotel	5 (6.8%)	1,379 (18.5%)
G - House Converted to Flats	1 (1.4%)	240 (3.2%)
H - Other Sleeping Accom.	14 (19.2%)	1,009 (13.6%)
J - Further Education	0 (0%)	31 (0.4%)
K - Public Building	0 (0%)	25 (0.3%)
L - Licensed Premises	0 (0%)	890 (12%)
M - School	0 (0%)	148 (2%)
N - Shop	6 (8.2%)	562 (7.6%)
P - Other Public Premises	2 (2.7%)	231 (3.1%)
R - Factory/Warehouse	0 (0%)	147 (2%)
S - Office	0 (0%)	216 (2.9%)
T - Other Workplace	0 (0%)	87 (1.2%)
W - Land & Sea	0 (0%)	16 (0.2%)
Z - Single Private Dwelling	2 (2.7%)	143 (1.9%)
<b>Total</b>	<b>73</b>	<b>7,436</b>

### Business Safety Audits by Year

Station Area	2013/14	2014/15	2015/16	2016/17	2017/18	Total	Ave. per Yr	%
Heathfield	14	2	5	2	4	27	5	1.0



## Developments

### Residential

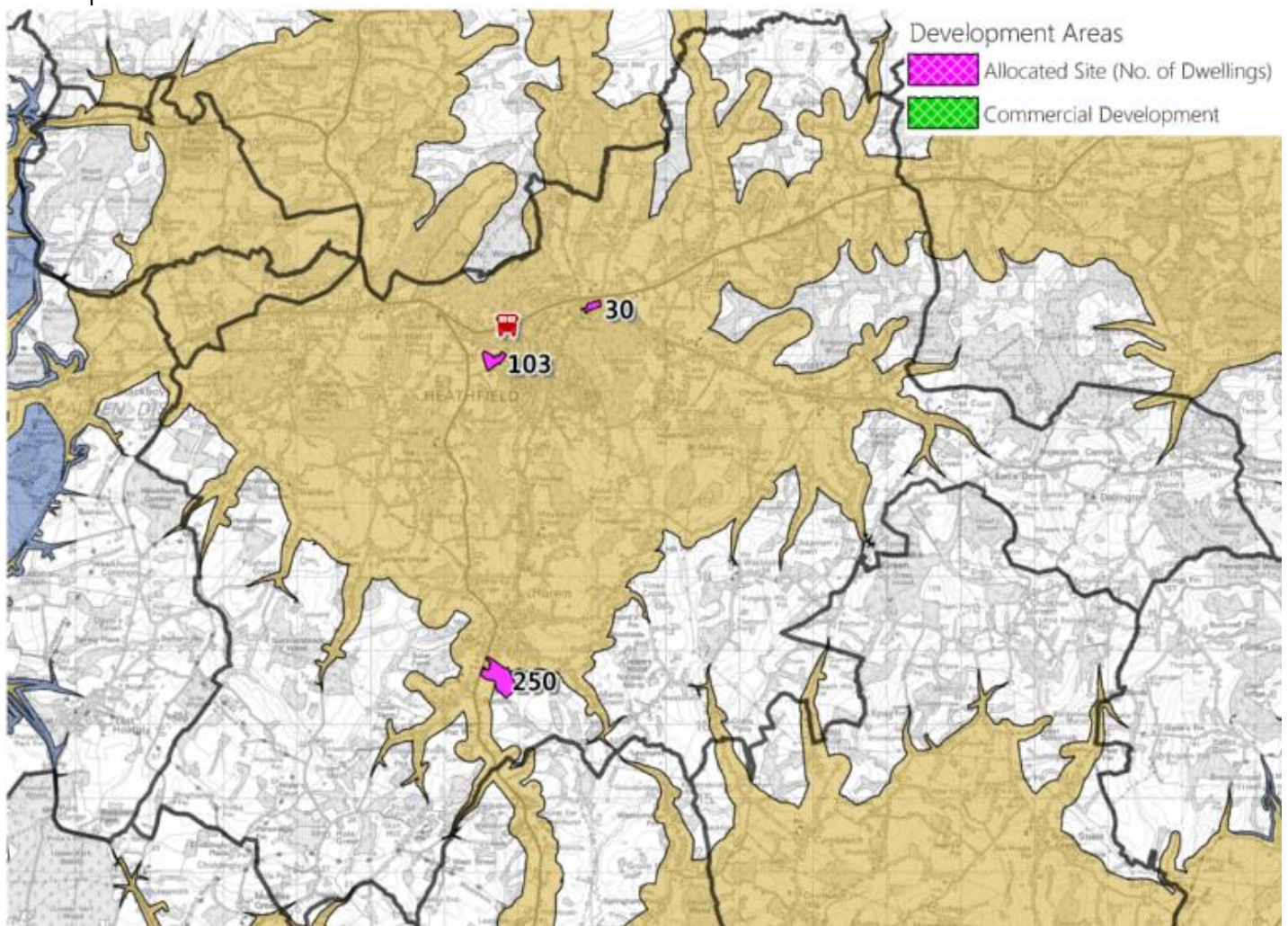
Details of residential development site allocations have been provided from the local planning office and are shown on the map below. It can be seen that there are 3 allocated sites with a total of 383 dwellings across these areas.

These fall within the attendance standards isochrones, albeit the development south of Horman is right on the boundary of the attendance standard isochrone. However, predicted growth in housing developments does not pose a significant increase in risk for ESFRS.

### Commercial

There are no major allocated commercial development sites within Heathfield station area.

### Development areas – allocated sites





## Road Risk

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

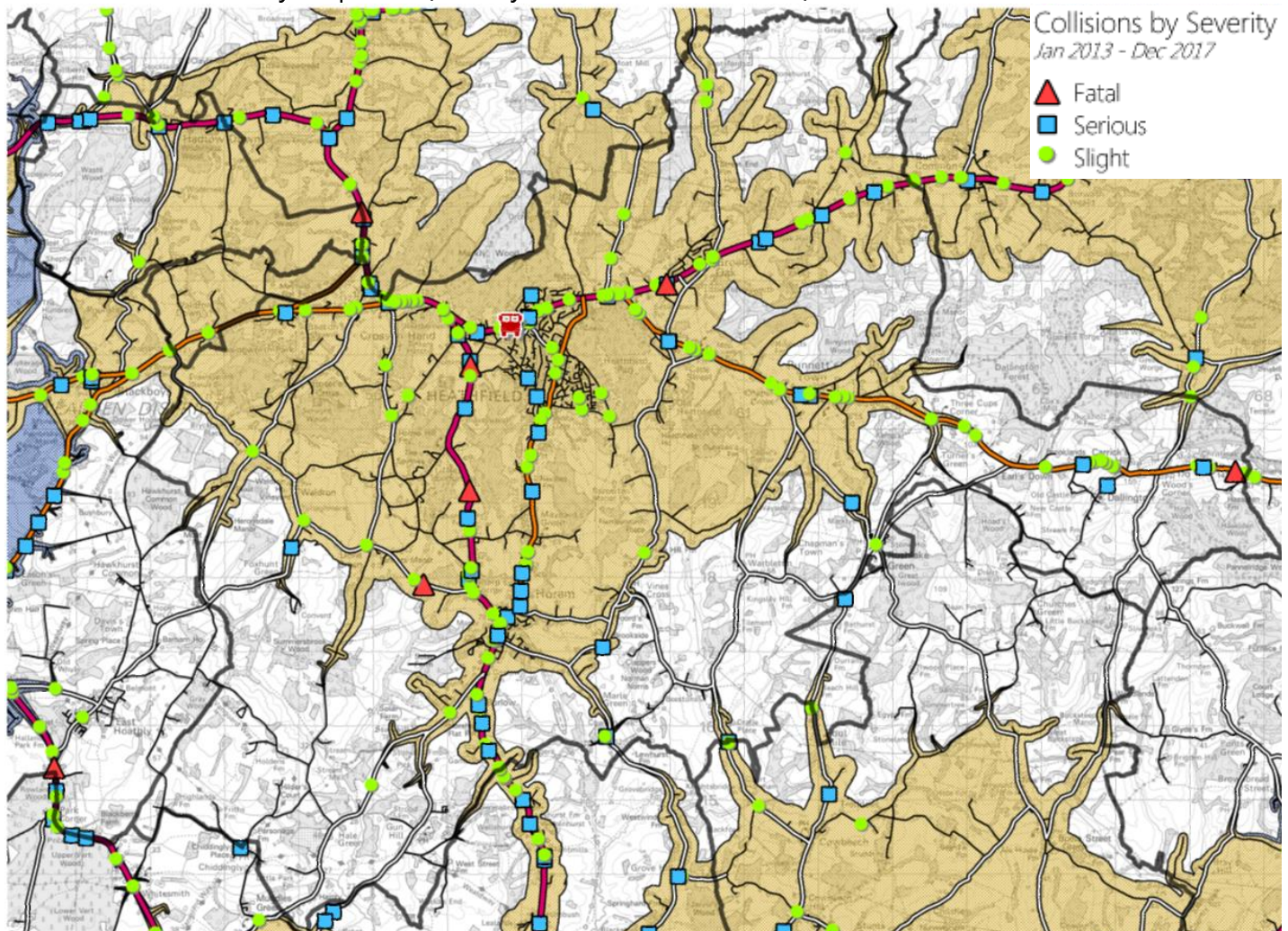
- **A roads** – major roads intended to provide large-scale transport links within or between areas.
- **B roads** – roads intended to connect different areas, and to feed traffic between A roads and smaller roads on the network.
- **Classified unnumbered** – smaller roads intended to connect together 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 Heathfield Station area, broken down by Road type. There is approximately 244km of Road within Heathfield station area, 26% of which is classified unnumbered, which is 12% higher than the ESFRS average of 14%. With 64km, Heathfield ranks the highest in ESFRS for classified unnumbered roads. Heathfield has similar proportions B roads to the ESFRS average, but has 3% fewer A roads, and 11% fewer roads that are not classified/unclassified.

Road Type	Heathfield	ESFRS
A Road	18km (7%)	521km (10%)
B Road	17km (7%)	302km (6%)
Classified Unnumbered	64km (26%)	759km (14%)
Total Classified Roads	100km (41%)	3,779km (30%)
Not Classified/Unclassified	145km (59%)	1,582km (70%)
Total All Road Types	244km (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 Heathfield 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	Heathfield	ESFRS
Fatal	5 (2.4%)	112 (1.1%)
Serious	48 (23.2%)	2,235 (21%)
Slight	154 (74.4%)	8,307 (78%)
<b>Total</b>	<b>207</b>	<b>10,654</b>
<b>Ave. per Year</b>	<b>41</b>	<b>2,131</b>

There are, on average, 41 KSI collisions per year in Heathfield station area. 25.6% of collisions result in serious or fatal injuries and this proportion is 3.5% higher than ESFRS overall.

Out of the 184 collisions, there were 17 that sit outside of the attendance standards isochrones – 1 fatal, 3 serious and 13 slight. The SSRP data did not contain the time of the collision. Again, these are typically found in the east of the station area, along the B2096.

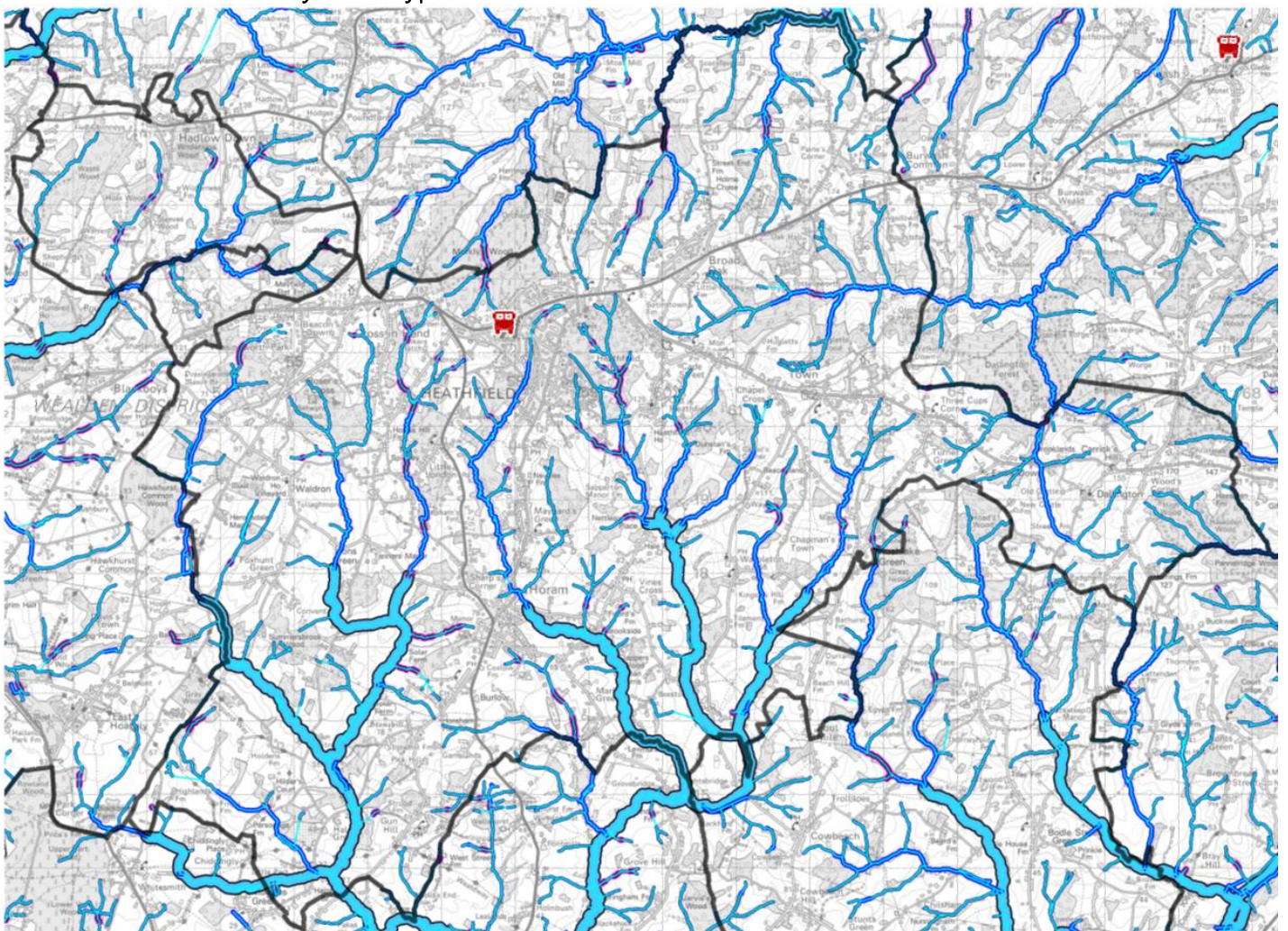


# Water Risk

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



Detailed River Network  
River Type

- Primary River
- Secondary River
- Tertiary River
- Lake / Reservoir
- Culvert

Fluvial vs Tidal line colour inside river	
	Fluvial
	Intertidal
	Marine Extension
	Tidal Influence

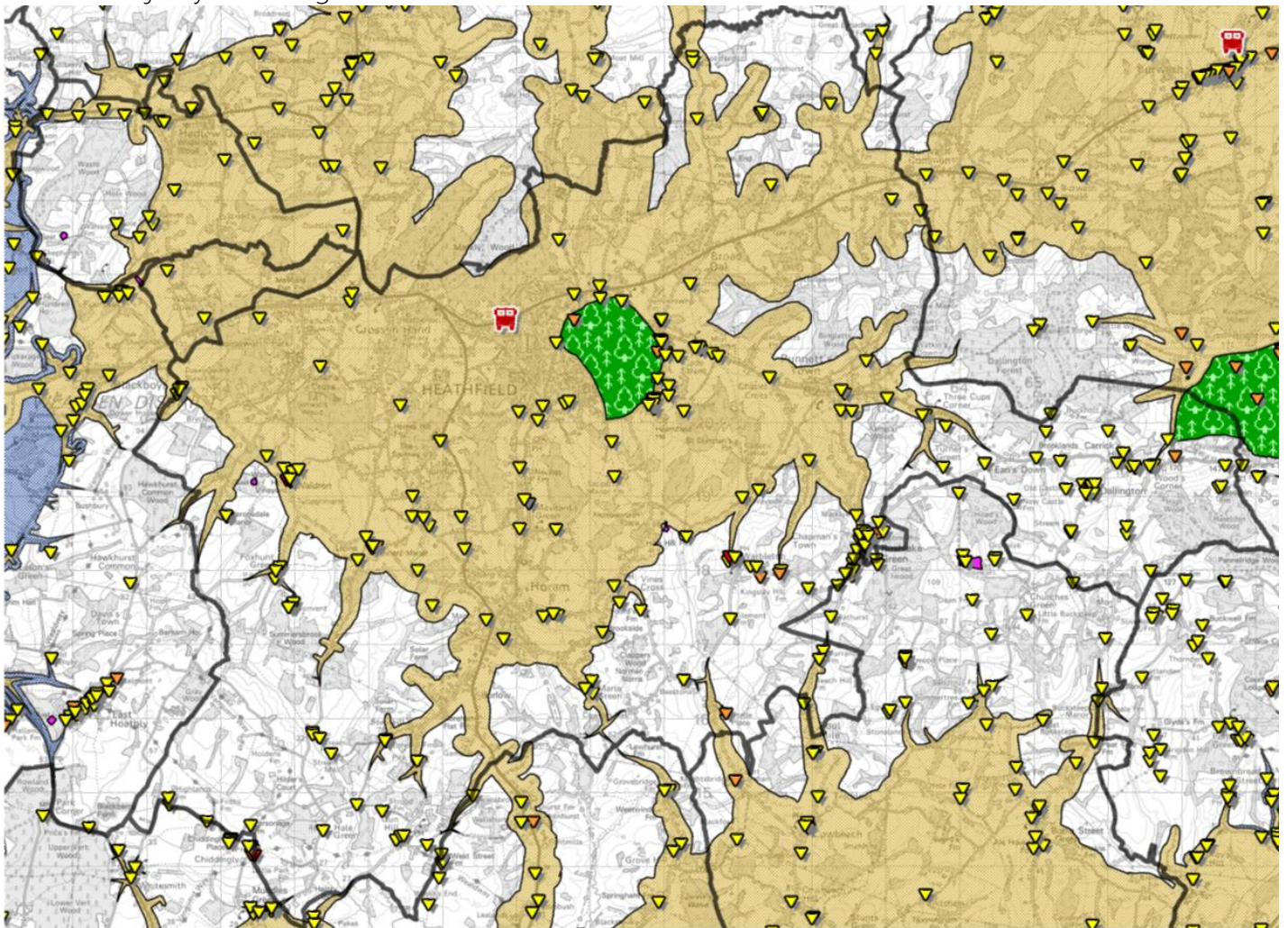
The table below shows the total length of rivers by type and whether the river is fluvial or tidal. It can be seen that there are 208km of rivers within the Heathfield station area, which makes up approximately 5.3% of all rivers across the ESFRs area. This ranks Heathfield station area as 10<sup>th</sup> out of the 24 station areas.

Heathfield has 24km of primary rivers, which is the 13<sup>th</sup> highest proportion of in ESFRS, and 44km of secondary rivers, which is the 12<sup>th</sup> highest in ESFRS. However, Heathfield does rank 5<sup>th</sup> highest in terms of proportion of lakes/reservoirs within the station area with 6%.

River Type	Fluvial vs Tidal	Heathfield River Length (km)	%	ESFRS River Length	%
Primary River	Fluvial	23.96	11.5	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>23.96</i>	<i>11.5</i>	<i>662.53</i>	<i>16.9</i>
Secondary River	Fluvial	44.46	21.4	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>44.46</i>	<i>21.4</i>	<i>1,130.62</i>	<i>28.8</i>
Tertiary River	Fluvial	127.80	61.5	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>127.80</i>	<i>61.5</i>	<i>1,908.22</i>	<i>48.6</i>
Lake / Reservoir	Fluvial	6.93	3.3	111.25	2.8
Culvert	Fluvial	4.56	2.2	111.24	2.8
<i>Total Fluvial</i>		<i>207.72</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>
<b>Grand Total</b>		<b>208</b>	<b>100</b>	<b>3,923.85</b>	<b>100</b>

## Heritage Risk

The following map shows the location of different types of heritage risk dispersed across the station area. The vast majority of heritage risk is within the attendance standards isochrones.



- ▼ Grade I Listed Building
- ▼ Grade II\* Listed Building
- ▼ Grade II Listed Building
- Battlefield
- Park & Garden
- Protected Wreck
- Scheduled Monument

Grade	# in Area	Within Attendance Standard (Day)	%	Within Attendance Standard (Night)	%
I	3	1	33.3	1	33.3
II*	14	6	42.9	6	42.9
II	239	138	57.7	138	57.7
<b>Total</b>	<b>256</b>	<b>145</b>	<b>56.6</b>	<b>145</b>	<b>56.6</b>

There are 2 grade I listed buildings outside the attendance standard isochrones, these are The Parish Church in Chiddingly, which sits right on the border with Hailsham station area, and The Parish Church of St Mary in Warbleton.



# Environmental Risk

The following map shows a breakdown of various environmental risks across Heathfield station area.

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, 4 incidents per year in Heathfield station area classified as "special service – flooding". This equates to 3.6% of all incidents in Heathfield and is lower than the ESFRS proportion of 4.2% per year.

There are 5 Sites of Special Scientific Interest (SSSIs) in Heathfield station area, 2 of which are outside the attendance standards isochrone – Singlett’s Wood and Paires Cross Meadow.



### Site of Special Scientific Interest

- Local Nature Reserve
- SSSI Biological
- SSSI Geological
- SSSI Mixed

### National Forest Inventory

- Non woodland
- Woodland

### EA Flood Risk

- Flood zone 2
- Flood zone 3
- Area benefiting from flood defence

- Agriculture land
- Assumed woodland
- Bare area
- Broadleaved
- Conifer
- Coppice
- Coppice with standards
- Felled
- Grassland
- Ground prep

- Low density
- Mixed mainly broadleaved
- Mixed mainly conifer
- Open water
- Other vegetation
- Quarry
- Shrub
- Urban
- Young trees





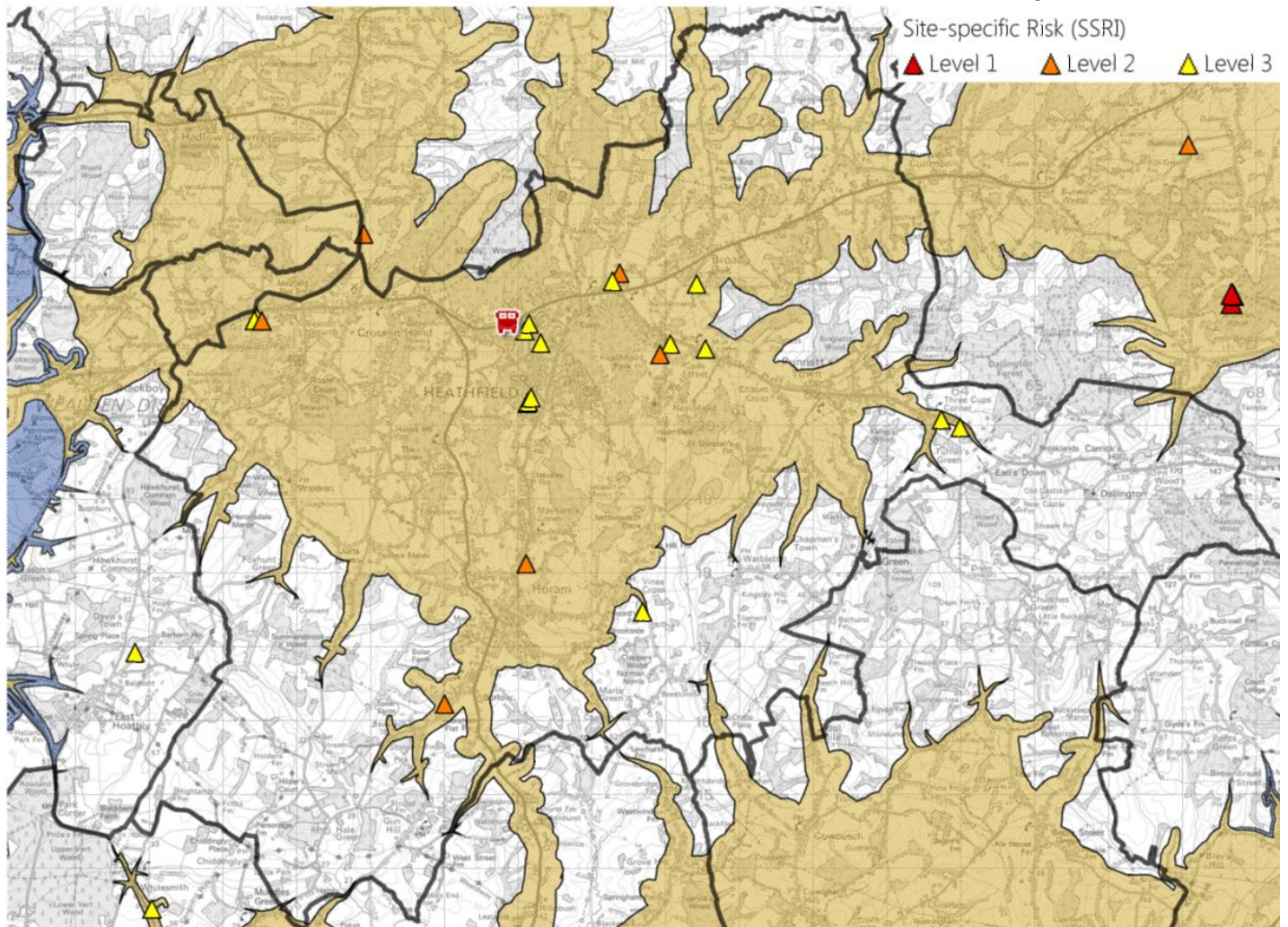
## Special Risk (Operational Risk)

### Site-Specific Risk Information (SSRI)

There are a total of 20 SSRIs (Levels 1-3) within the Heathfield Station Admin area, 6 of which are Level 2, and 15 of which are level 3, there are no level 1 SSRIs in Heathfield station area, as shown in the table below.

SSRI Risk	Heathfield	ESFRS
Level 1	0 (0.0%)	25 (3.1%)
Level 2	6 (29.0%)	294 (36.3%)
Level 3	15 (71.0%)	461 (56.9%)
<b>Total</b>	<b>21</b>	<b>810</b>

The map below shows the location of these SSRIs. There is only one SSRI that falls outside the attendance standard isochrones – however there are several level 3, and one level 2 SSRI on the edge of the isochrone.



### High-Rise Risk

There are no high rise premises in Heathfield station area (properties  $\geq 6$  floors)

### Special Risk

There are two lower tier COMAH sites in Heathfield, one located near Horam (Avanti Gas Ltd), and the other located north west of the fire station (Rose Gas Ltd).

### Over border risks

Heathfield station area does not border any neighbouring FRS.

