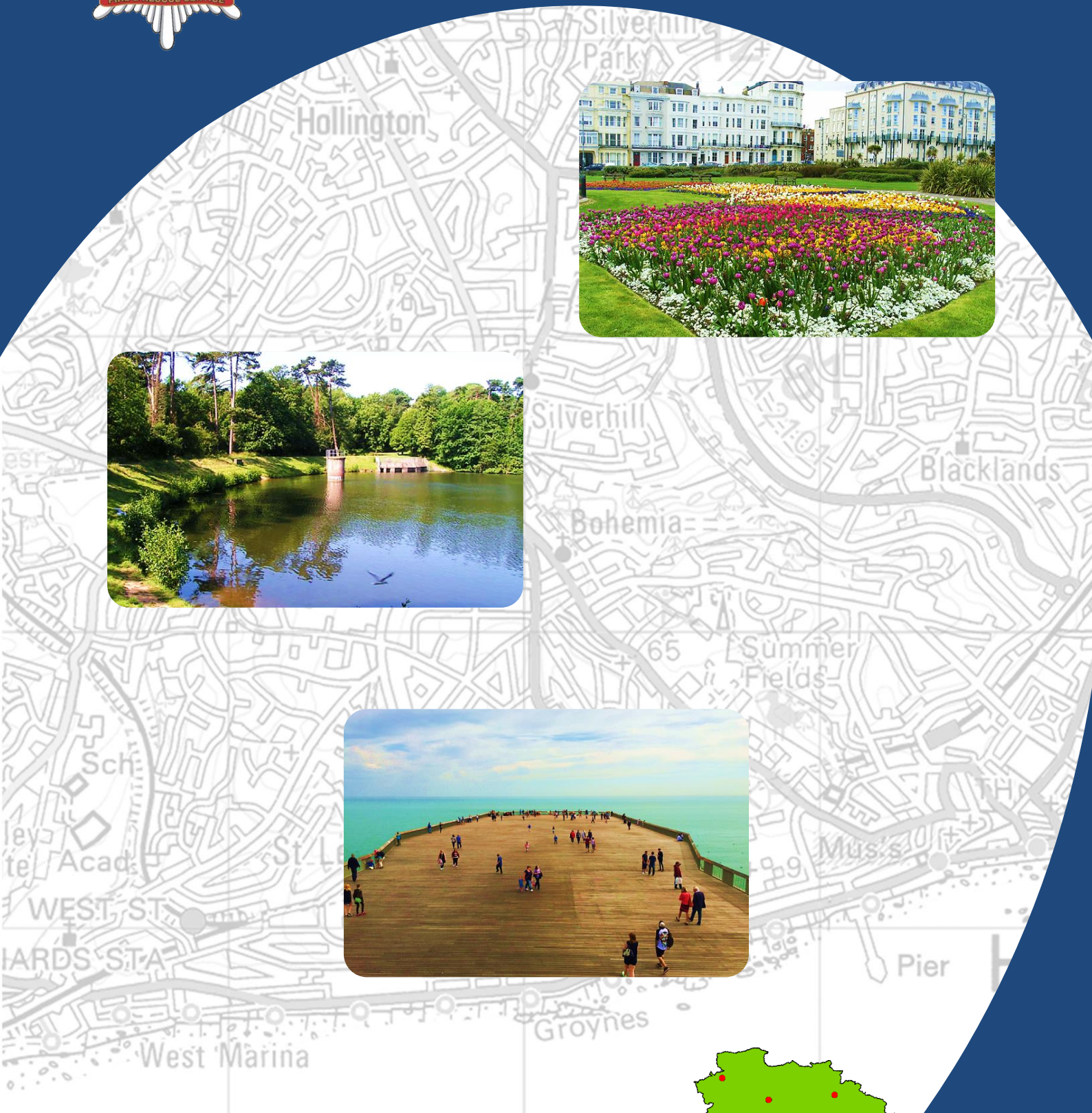


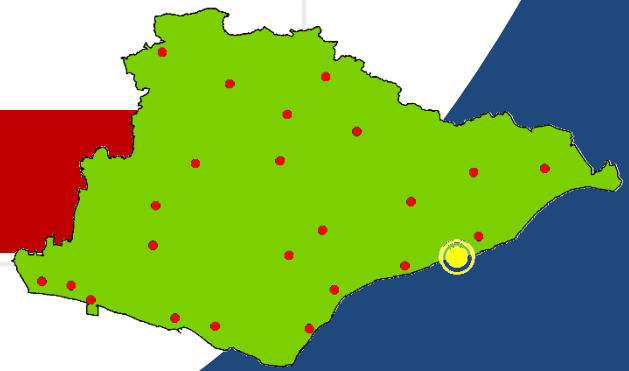


2020

# Hastings - Bohemia Road



## Station Risk Profile



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## Bohemia Road Station Area – Headline Summary



- Bohemia Rd station area covers approximately **33 sq. km**.
- Area is predominately urban in south, and sub-urban in north.
- Bohemia Rd has traditional seafront attractions including a pier.
- Operational cover provided by wholetime firefighters crewing one pumping fire appliance and an aerial ladder platform.



- **65,830** residents within Bohemia Rd station area.
- A net increase of **1,523** since 2011 Census.
- High population density, concentrated in south of station area.
- Poorer general health with more persons long term sick/disabled. compared to ESFRS average.



- **99.7%** of households are within attendance standards.
- **46%** have a High/Very High fire risk rating (socio-demographic) – one of the highest proportions in ESFRS.
- Some lifestyle groups having **90%** more fires than expected.
- Higher proportion of converted flats than ESFRS average.
- Higher proportion of rented accommodation than ESFRS average.
- Highly deprived area, many neighbourhoods within top **10%** deprived nationally.

### Station area



- Incidents have decreased by **25%** since 2009, although last 3 years they have been rising.
- There are **974** incidents per year within Bohemia Rd station area; **3<sup>rd</sup>** busiest station area in ESFRS.
- **99%** of incidents inside attendance standards isochrones.
- Proportionally more dwelling fires in area and fewer RTCs compared to ESFRS.
- **46** critical life-risk incidents per year.
- Bohemia Rd area **2<sup>nd</sup>** highest for numbers of injuries and rescues in ESFRS.
- Attendance times, on average, slightly quicker than other wholetime shift station areas.
- **0.5-1.5** minute delay between 1<sup>st</sup> & 2<sup>nd</sup> appliance.
- **73%** of incidents are attended by a single appliance.
- **74%** of 2<sup>nd</sup> pump attendances were by 75P1, and **16%** 76P1
- **7** level 3 and **5** level 4 incidents within last 9 years of review period.

## Station appliance(s)

### 76P1

- Average Turn-out time is **01:21**. Increase slightly in 2017/18.
- **31%** reduction in mobilisations over 9 years.
- Mobilises **5,531** times per year – **77%** in own area, **11%** in The Ridge, **7%** in Bexhill area.
- Attends **4%** more fires and **2%** fewer special service calls than ESFRS.
- Mobilises to **68** critical incidents per year – **61%** in own area, **15%** in The Ridge, **12%** in Bexhill area, **6%** in Battle.
- Attendance standard met **98%** of the time (**97%** critical).
- **98.4%** availability in 2014/15, **100%** all other years.

## Special Appliance(s)

### 76A1 (Aerial Ladder Platform)

- Mobilises **204** times a year, booked in attendance **88%** of the time.
- **74%** of attendances in own station area with a further **13%** in The Ridge station area.

## Standby moves

- **9** cover moves over 9 years – **5** in Bexhill, **2** in The Ridge, **1** in Rye and **1** in Battle.



- **3,352** Home Safety Visits to unique properties undertaken.
- **28%** of all households have had HSV.



- **99.8%** of commercial properties are inside attendance standards.
- **51** Business Safety Audits per year, **22%** of which are to care homes, **14%** Hotels, **12%** licensed premises, **10%** shops.
- **6** Hospitals, **61** Care Homes & **19** Hotels in area.



- Substantial residential growth -Approx. **1,966** dwellings, and **58,500sqm** commercial floor space.
- All developments within attendance standard isochrones.



- 176 KSI collisions per year.
- All fatal and serious within attendance standards isochrones.



- 4.9km of coastline.
- 79km of rivers (2% of ESFRS Rivers). Ranks 18 out of 24 areas.



- 207 listed buildings. 96% in attendance standard isochrones.



- 7 SSSI sites, 2 outside attendance standard isochrones.
- Some woodland to the north of the area.



- 75 SSRIs, 5<sup>th</sup> highest in ESFRS
- 1 lower-tier COMAH site.
- 29 high-rise properties within area



## Overview

The town of Hastings and surrounding areas are served by two fire stations – Bohemia Road, and The Ridge, with a combined service area of approximately 86 square kilometres. Bohemia Rd Station Area is the smaller of the two areas geographically, covering an area of approximately 33 square kilometres (1.9% of ESFRS area) and is predominately urban in nature.

There is high population density in the town centre and towards the south of Hastings, especially around the St Leonards area with a high number of converted flats and shared housing. The population towards the north and on the outskirts of the town is less dense, with mainly suburban neighbourhoods.

The Fire station is located in the centre of Hastings towards the south, 1km from the seafront and pier via the A21, and also approximately 1km from the train station, town centre and main shopping parade. Also located a short distance from the station is the St Leonards area, one of the most densely populated and most deprived areas in the South East. Hastings is a traditional seaside town with a pier and other seafront attractions, it experiences large amounts of tourists during the summer months and school holidays.

### Station Resources

Bohemia Road Community Fire station is a wholetime station which has one pumping appliance, one aerial ladder platform and a fire victim support unit.

#### 1 x Extended Rescue Pump (FJE76P1)

Multi-purpose appliance that carries both firefighting and rescue equipment including dedicated hydraulic rescue tools, water safety and rescue equipment, oxygen, etc. It carries 1800 litres of water, a pump can deliver 2250 litres of water per minute with additional 1-7 Foam capability. It is also equipped with a variety of ladders including a 12 metre extension ladder.

#### 1 x Aerial Ladder Platform (FJE76A1)

This is a multi-purpose firefighting and rescue vehicle that can deliver a safe working platform up to 32 metres and is capable of delivering 2900 litres of water per minute.

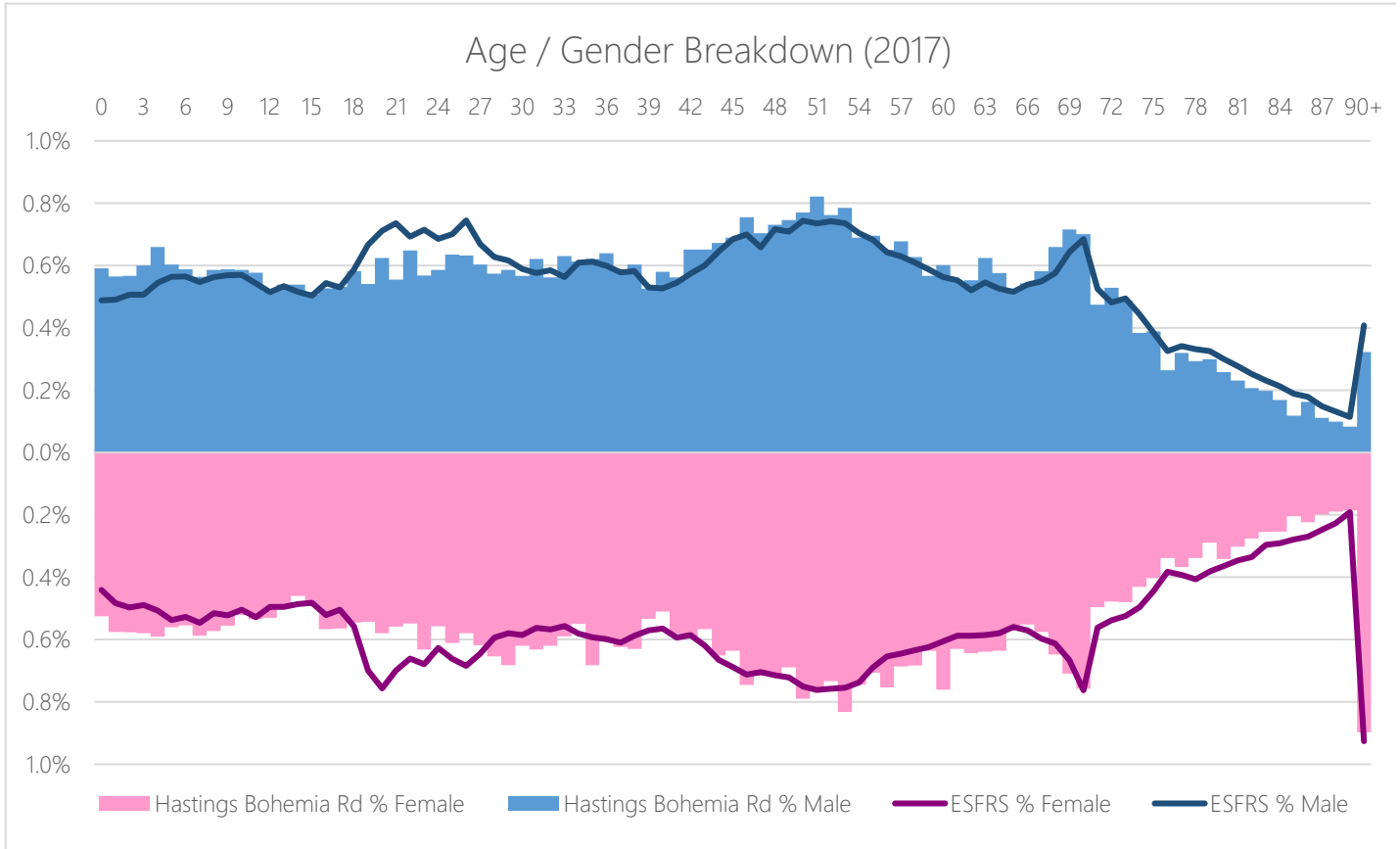
#### 1 x Fire Victim Support Unit (FJE76S6)

Crewed and operated in conjunction with the British Red Cross, this dedicated vehicle has the sole use of providing specialist support to the victims of fire. It provides assistance at short notice and is used to provide clothing, shelter and practical assistance when the victim of a fire is most in need.



## Population Demographics

The population in Bohemia Road is similar to the ESFRS average, however there are slightly lower proportions of persons aged 18-24, with 8% in Bohemia road compared with 10% as the service average. Furthermore there are slightly lower proportions of persons aged over 65, and slightly more aged 25-64. There are also slightly more proportions of children (0-17), however overall Bohemia road is in line with the rest of the service, with the exception of 18-24yrs.



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
Hastings Bohemia Rd	7,631 (11.6%)	5,589 (8.5%)	5,313 (8.1%)	20,652 (31.4%)	13,556 (20.6%)	9,608 (14.6%)	2,678 (4.1%)	803 (1.2%)	65,830
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 FRSs 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 Bohemia Rd 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 nearly all over 65s are with the attendance standard isochrones, both day and night, only 0.4% of over 65s and 0.5% of over 80s are outside of the daytime isochrones, and 0.1% at night. This ranks Bohemia Road 7<sup>th</sup> out of 24 stations (or 5<sup>th</sup> out of 6 wholetime shift station areas), due to the dispersion of the over 65 population throughout the area.

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

	Station Admin Area	No. of persons	% in Att. Std. Isochrone (Day)	% in Att. Std. Isochrone (Night)
65+ Yrs	Hastings Bohemia Rd	13,019	99.6	99.9
	ESFRS	179,534	96.5	97.2
80+Yrs	Hastings Bohemia Rd	3,243	99.5	99.9
	ESFRS	51,372	96.8	97.4

Bohemia Road is the most densely populated station area outside of Brighton & Hove, with 19.9 persons per hectare, this is much higher than the ESFRS average of 4.7. The population of the area is estimated to have increased by 1,523 from 2011-2017, resulting in an extra 0.5 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
3,305	64,307	65,830	19.5	19.9	0.5	4	4.5	4.7

The general health in the Bohemia Road station area is poorer when compared to the rest of the service area. 6% less of the population are classified as having very good health (40% in Bohemia Rd, compared to 46% for ESFRS), and there are higher proportions of persons who have fair, bad and very bad health.

	General Health - Persons (2011) - % Within Area					
	Very good health	Good health	Fair health	Bad health	Very bad health	Total
Hastings Bohemia Rd	25,915 (40.3%)	23,109 (35.9%)	10,341 (16.1%)	3,778 (5.9%)	1,164 (1.8%)	64,307
ESFRS	365,370 (45.7%)	279,665 (35%)	110,093 (13.8%)	34,749 (4.3%)	10,163 (1.3%)	800,040



The table below further reflects the poor health in the area, with higher proportion of persons whose day-to-day activities are limited, and lower proportion of those whose activities are not limited. 11% of the population in Bohemia Road area are limited a lot, compared to 8.6% for ESFRS. And 11.7% are limited a little, compared to 10.4% for ESFRS.

	Day-to-day activities limited - Persons (2011) - % Within Area			
	Limited a lot	Limited a little	Not limited	Total
Hastings Bohemia Rd	7,065 (11%)	7,515 (11.7%)	49,727 (77.3%)	64,307
ESFRS	68,688 (8.6%)	83,026 (10.4%)	648,326 (81%)	800,040

Continuing on the health trend, there proportionally more persons who are long-term sick/disabled in Bohemia Road area (7%) compared to the rest of the service (4%). This is also the case for unemployed persons (6% in Bohemia Road, 4% in ESFRS).

Economic Activity - All usual residents aged 16 to 74 (2011)			Hastings Bohemia Rd	ESFRS
Economically active	Part-time	Employee	6,893 (14.5%)	82,644 (14.1%)
		Self-employed without employees	1,365 (2.9%)	22,199 (3.8%)
		Self-employed with employees	159 (0.3%)	2,591 (0.4%)
	Full-time	Employee	16,189 (34.2%)	201,532 (34.4%)
		Self-employed without employees	2,897 (6.1%)	40,181 (6.9%)
		Self-employed with employees	807 (1.7%)	12,514 (2.1%)
		Un-employed	2,598 (5.5%)	21,321 (3.6%)
	Full-time student	1,361 (2.9%)	22,823 (3.9%)	
Economically inactive		Retired	6,833 (14.4%)	86,361 (14.8%)
		Student (including full-time students)	1,928 (4.1%)	35,446 (6.1%)
		Looking after home or family	2,072 (4.4%)	22,914 (3.9%)
		Long-term sick or disabled	3,161 (6.7%)	24,201 (4.1%)
		Other	1,126 (2.4%)	10,583 (1.8%)
<b>Total</b>			<b>47,389</b>	<b>585,310</b>



## Household Demographics

### Census 2011 Household Breakdown

There is a larger proportion of converted flats in Bohemia Road area (18%) compared to the service average (11%), to a lesser extent this is also the case for purpose built flats (21% in Bohemia Rd, 19% ESFRS). There are lower proportions of detached and semi-detached houses/bungalows, and similar proportions of terraced houses/bungalows, commercial building flats and shared dwellings in Bohemia Road area compared to the ESFRS average.

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		
Hastings Bohemia Rd	5,778 (19.4%)	5,919 (19.9%)	5,512 (18.5%)	6,462 (21.7%)	5,225 (17.6%)	485 (1.6%)	74 (0.2%)	298 (1%)	29,753
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

There are proportionally more lone parent households in Bohemia Road (7.5%) compared to the service average (6.5%). However, there are proportionally fewer lone pensioner households (13.5% in Bohemia road, compared to 14.7% for ESFRS). Additionally, there are 44 all full time student households.

Household Composition - Households (2011)				
	Lone Pensioner (65+)	All full-time students	Lone parent with dependent children	All Households
Hastings Bohemia Rd	4,009 (13.5%)	44 (0.1%)	2,233 (7.5%)	29,753
ESFRS	52,103 (14.7%)	3,224 (0.9%)	22,980 (6.5%)	353,445

There is a higher proportion of households that are privately rented in Bohemia Road, compared to the service average. 29% of households in Bohemia Road are privately rented from a landlord/letting agent, compared to 20% for ESFRS. To a lesser extent this is also true for private rented other, 1.7% in Bohemia Rd, and 1.5% for ESFRS. The converse of the above is that there are lower proportions of households that are owned outright or mortgaged. There is also a higher proportion of social rented 'other' (*i.e. not from council*) households in Bohemia Road (12%), compared to the ESFRS average (6%).

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		
Hastings Bohemia Rd	7,795 (26.2%)	8,263 (27.8%)	157 (0.5%)	475 (1.6%)	3,690 (12.4%)	8,560 (28.8%)	513 (1.7%)	300 (1%)	29,753
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 can indicate overcrowding or densely populated areas. As previously mentioned, Bohemia Road is densely populated towards the southern part of the station area, this is backed up by the fact there are fewer households with spare rooms than the service average. 27% of the households have two or more spare rooms, this is 4% lower than the service average of 31%. Despite this, there are similar proportions of households with 1 spare room (34% in Bohemia and 34% for ESFRS), and there are proportionally more households with a neutral occupancy rating (35% in Bohemia Road, and 31% as the service average).

	Occupancy Rating (Spare Bedrooms) - Households (2011)					Total
	Under-occupied		Standard	Overcrowded		
	+2 or more	+1	0	-1	-2 or less	
Hastings Bohemia Rd	8,009 (26.9%)	10,184 (34.2%)	10,504 (35.3%)	950 (3.2%)	106 (0.4%)	29,753
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 27,960 households within Bohemia Road station admin area, dispersed across the station area, which are broken down by the 15 summary Mosaic Lifestyle groups.

Mosaic Lifestyle Group	Hastings Bohemia Rd	%	ESFRS	%
A - Country Living	424	1.5	30,907	8.5
B - Prestige Positions	1,199	4.3	27,774	7.6
C - City Prosperity	73	0.3	21,862	6.0
D - Domestic Success	1,653	5.9	27,215	7.5
E - Suburban Stability	2,506	9.0	24,684	6.8
F - Senior Security	2,597	9.3	39,762	##
G - Rural Reality	437	1.6	17,553	4.8
H - Aspiring Homemakers	2,312	8.3	24,898	6.8
I - Urban Cohesion	1,152	4.1	14,427	4.0
J - Rental Hubs	3,661	13.1	50,913	##
K - Modest Traditions	1,793	6.4	10,777	3.0
L - Transient Renters	4,174	14.9	13,853	3.8
M - Family Basics	2,211	7.9	20,841	5.7
N - Vintage Value	2,552	9.1	26,701	7.3
O - Municipal Challenge	1,216	4.3	11,485	3.2
<b>Total</b>	<b>27,960</b>	<b>100</b>	<b>363,652</b>	<b>100</b>

The predominant Mosaic groups describe 'Single people privately renting low cost homes for the short term and 'Educated young people privately renting in urban neighbourhoods'. The top 3 Mosaic Types within Bohemia Rd Station area are:

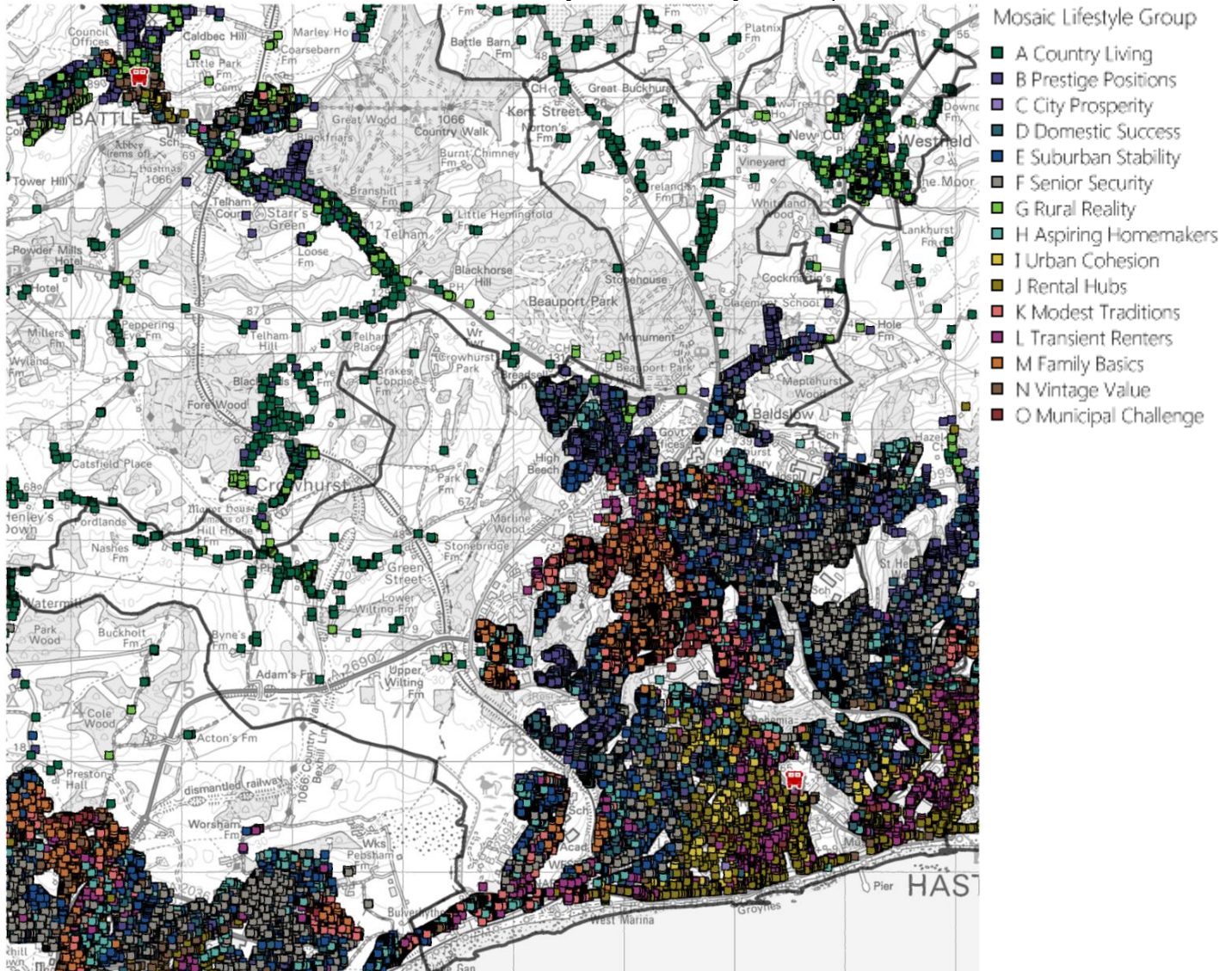
J45 Bus-Route Renters: Singles renting affordable private flats away from central amenities and often on main roads

L50 Renting a Room: Transient renters of low cost accommodation often within subdivided older properties

L52 Midlife Stopgap: Maturing singles in employment who are renting short-term affordable homes

The first two Mosaic household types (J45 and L50) have had more dwelling fires over the past 9 years. Compared to the base population, they have a higher propensity to having a dwelling fire – they have had approximately 90% more dwelling fires than one would expect. The remaining type (L52) experienced an expected amount of dwelling fires.

Households in Bohemia Rd Station Admin area by Mosaic Lifestyle Group

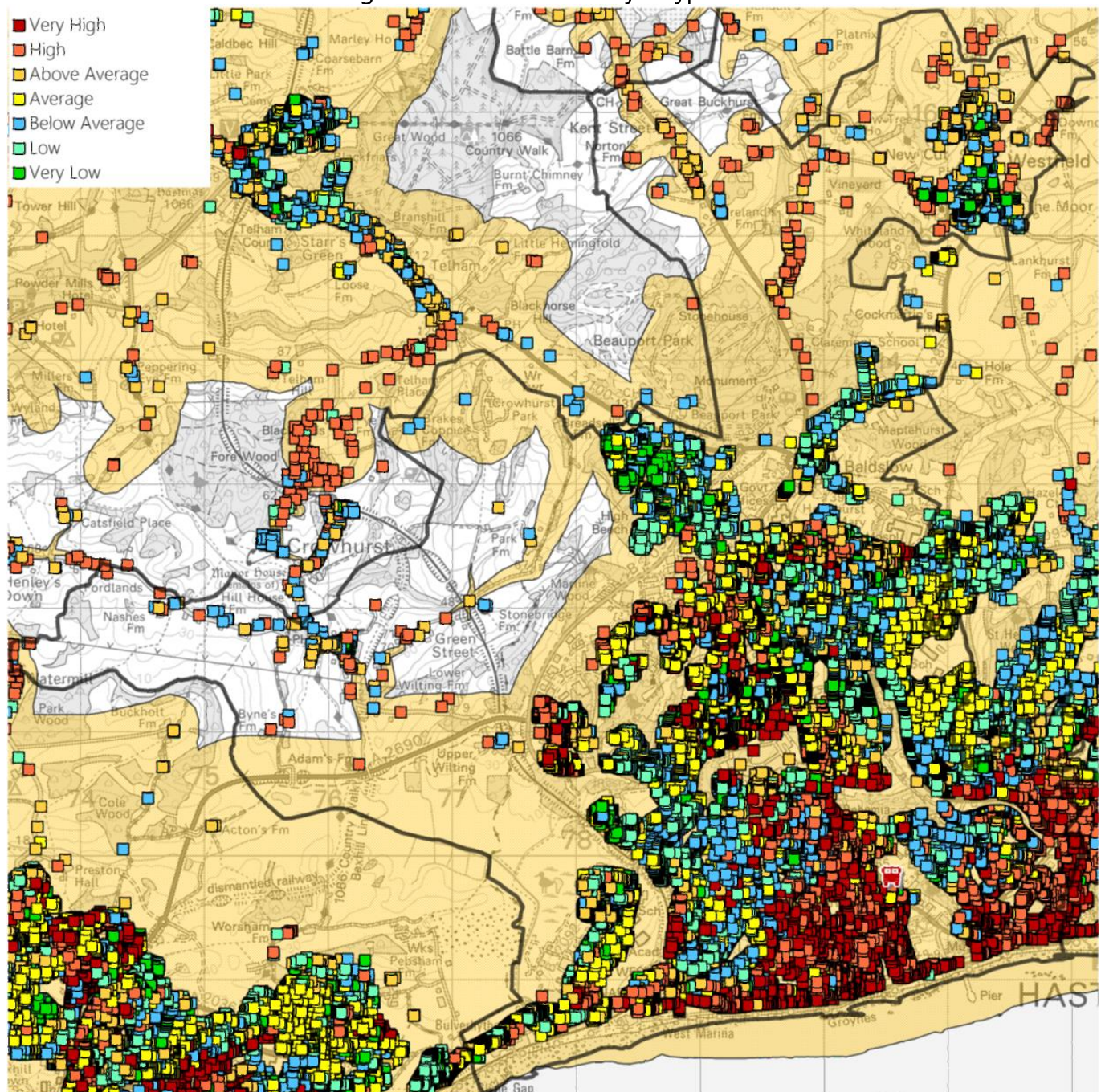


The map below shows the dispersion of mosaic households, classified by their initial fire risk rating, which is based on a combination of the number of fires and propensity to having a fire within each mosaic type. Those that have historically had a higher prevalence of and/or higher likelihood to having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

Station Area	Very High	High	Above Average	Average	Below Average	Low	Very Low	Total
Hastings Bohemia Rd	6,526	6,257	2,759	4,438	2,874	3,557	1,549	27,960
Hastings Bohemia Rd (%)	23.3%	22.4%	9.9%	15.9%	10.3%	12.7%	5.5%	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)	%
Hastings Bohemia Rd	6,526	6,526	100.0	6,526	100.0	6,257	6,241	99.7	6,251	99.9

Over 99% of households in Bohemia Road station area are within ESFRS attendance standards, for both day and night. It can be seen that approximately 29% of households are deemed to represent a below average, low, or very low fire risk.

The Very High/High risk households represent 46% of households, one of the highest proportions in ESFRS, however nearly all of these fall within the attendance standards isochrones (16 High risk households fall outside)

### Holiday Parks

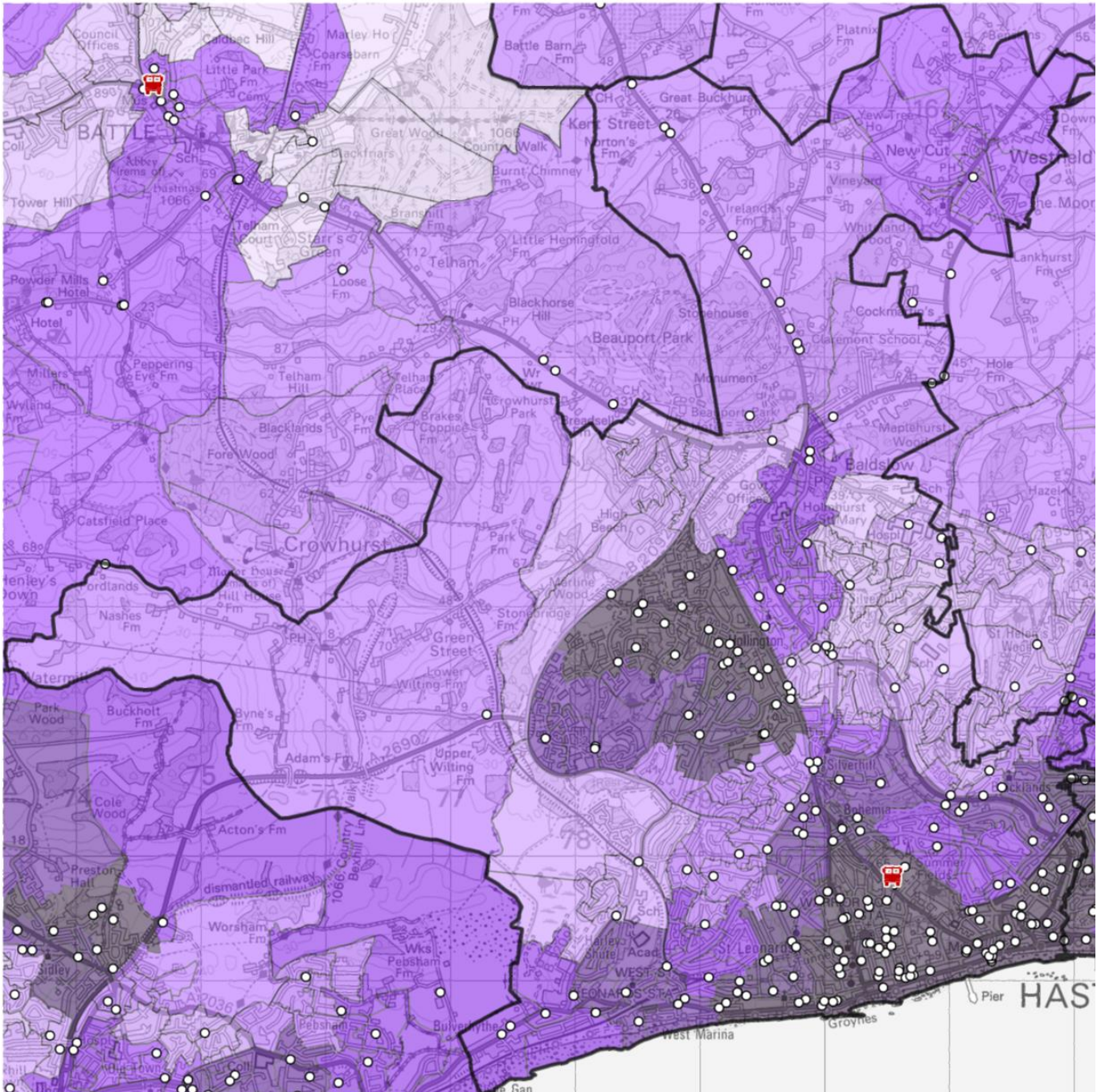
There are approximately 1,715 units within major holiday parks in the Bohemia Road station area, all of these fall within the attendance standard isochrones.

Station Admin Area	Total Number of Units	Within Attendance Standard (Day)	%	Within Attendance Standard (Night)	%
Hastings Bohemia Rd	1,715	1,715	100	1,715	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)



Bohemia Road station area is the one of the most deprived in ESFRS, with many neighbourhoods within the top 10% most deprived areas nationally.

## Incidents

### Incidents occurring within Bohemia Rd Station Area

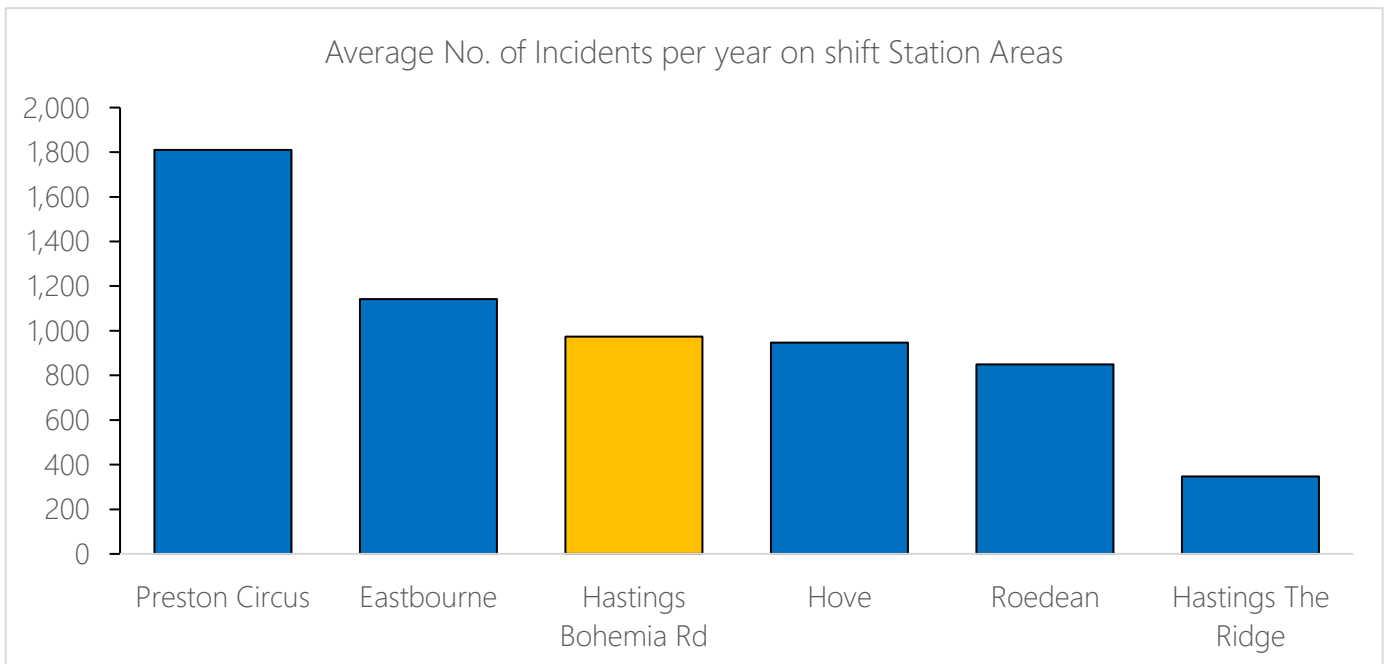
The analysis of historical incidents has been split into two sections in order to identify both the geographic location of the incident and each fire appliance's incident activity. This section deals with historical incidents that have occurred within the geographical station area of Bohemia Rd – irrespective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

Over 9 years (Apr 2009 – Mar 2018), incidents within Bohemia Rd station area have decreased by 25%, albeit the last 3 years have seen a slight increase in the numbers of incidents since 2014/15.

### No. of Incidents within Bohemia Rd Station Area per year

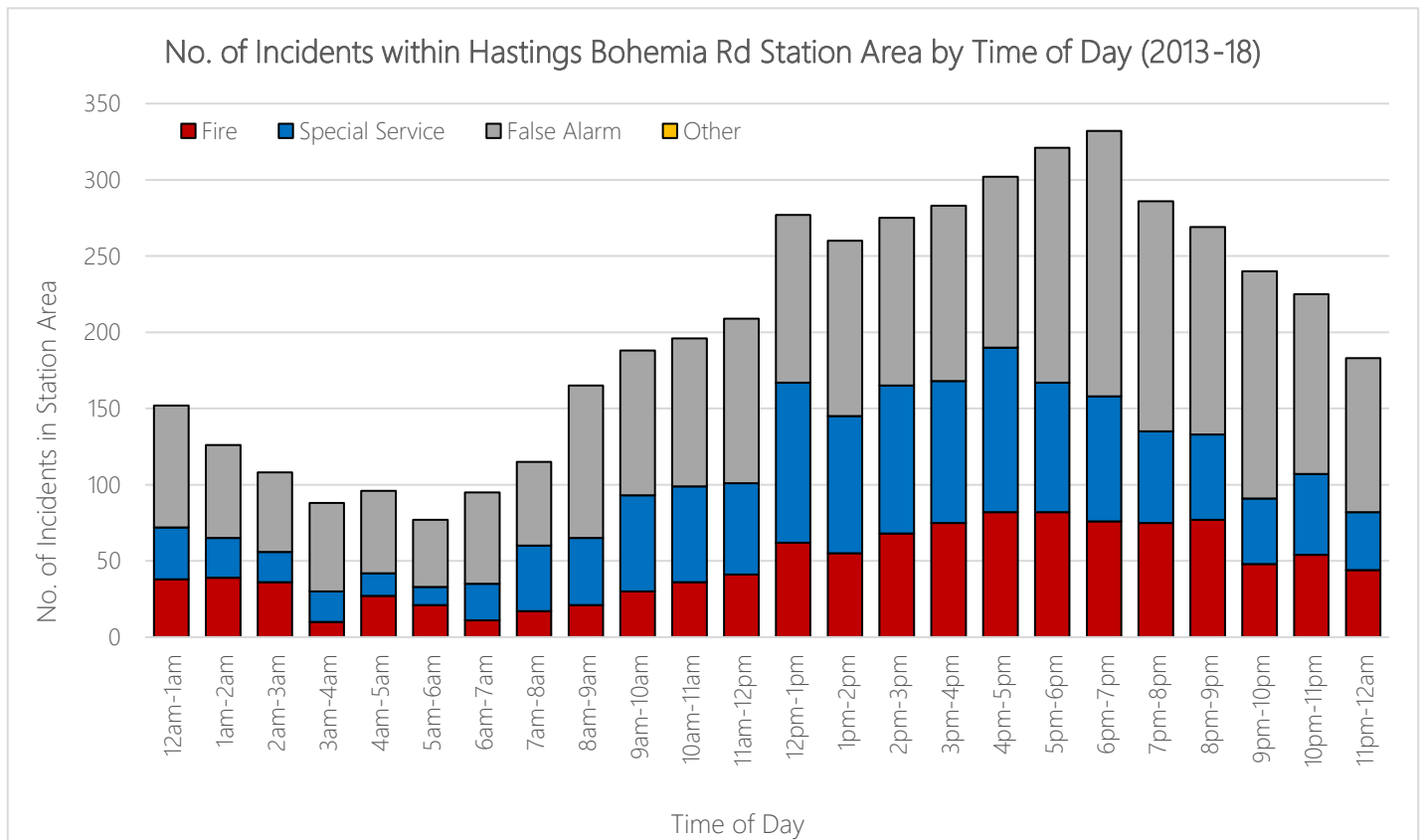
2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	Total
1,314	1,256	1,086	1,019	1,030	935	964	963	976	9,543

Between 2013-18, there were 4,868 incidents within the Bohemia Rd station area, which equates to an average of 974 incidents per year. This is the 3<sup>rd</sup> highest in ESFRS, only Eastbourne (1,142pa) and Preston Circus (1,810pa) experienced more incidents.

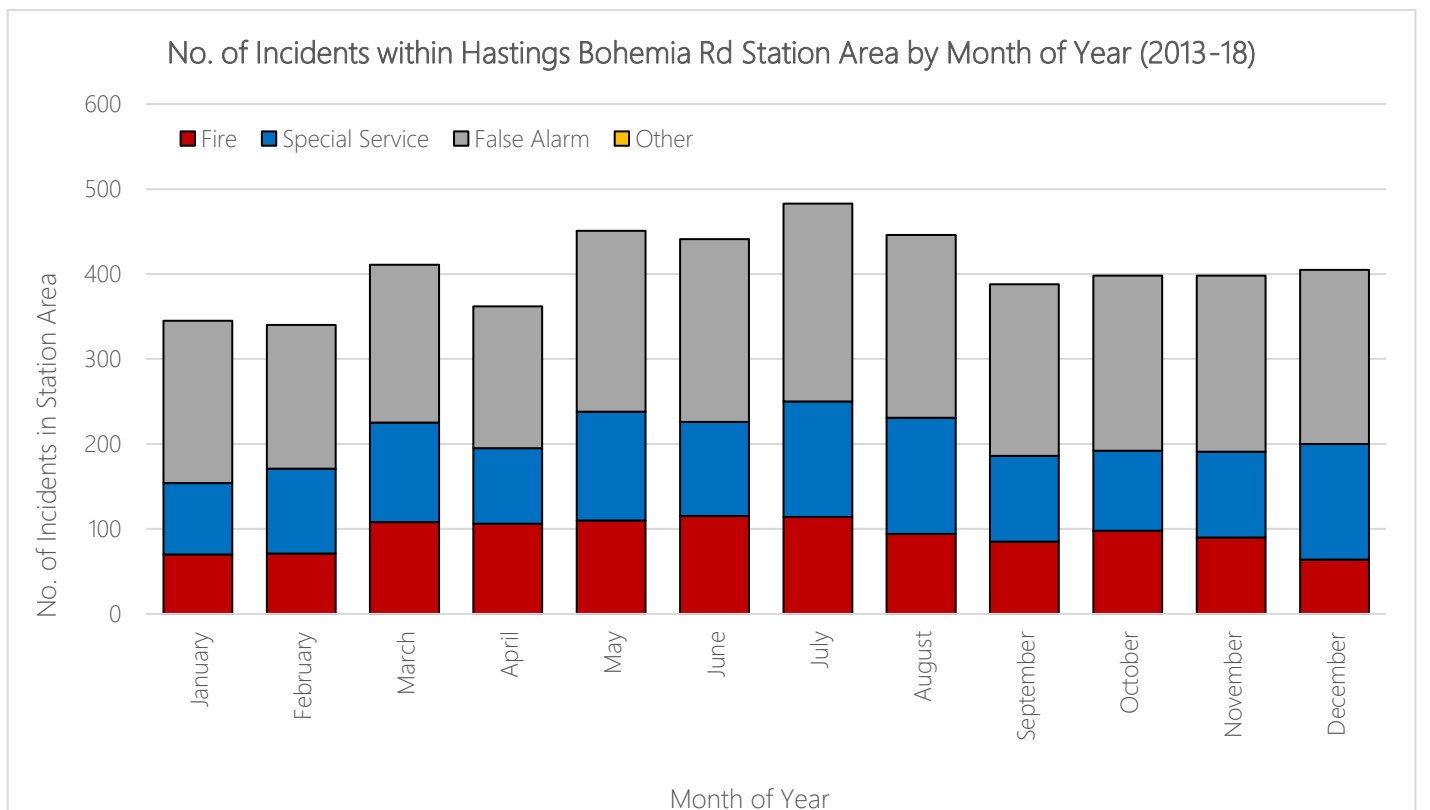




The following charts show the distribution of incidents by time of day and month of year. The shape of these follows a typical distribution – with a rise in incidents from 8am, and an increase from lunch time into the evening.



There are slightly more incidents during the summer months compared to winter. It can be seen that there are the fewest incidents in January and February.



The following table illustrates the types of incidents that have occurred within Bohemia Rd station area over the past 9 years. Dwelling fires make up 7.6% of incidents, higher than the service average of 6.3%. Bohemia also experienced 1% more secondary fires than the ESFRS average. Bohemia Road (3.4%) experienced proportionally fewer RTC incidents than the service average (5.1%).

### No. of Incidents within Bohemia Rd 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	65	71	67	73	75	73	71	74	75	644	74	7.6	6.3
Primary Fire - Non Residential	16	20	12	16	20	17	15	23	13	152	18	1.8	2.1
Primary Fire - Other Residential	11	7	7	8	6	7	2	2	1	51	4	0.4	0.6
Primary Fire - Vehicle	45	37	35	39	38	22	29	23	18	286	26	2.7	2.7
Primary Fire - Outdoor	14	5	6	5	5	11	9	9	8	72	8	0.9	0.9
Chimney Fire	11	10	8	7	6	6	5	12	6	71	7	0.7	1.6
Secondary Fire	136	111	160	94	82	99	77	87	99	945	89	9.1	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	3	1	0	3	3	3	1	1	3	18	2	0.2	0.3
Special Service - Animal assistance incidents	13	30	17	21	27	16	17	19	17	177	19	2.0	2.3
Special Service - Assist other agencies	18	8	12	11	3	11	10	26	27	126	15	1.6	1.7
Special Service - Effecting Entry/Exit	48	49	42	40	49	27	48	39	48	390	42	4.3	3.9
Special Service - Evacuation (no fire)	1	0	0	0	1	0	1	1	0	4	1	0.1	0.0
Special Service - Flooding	60	62	47	52	56	44	61	40	45	467	49	5.1	4.2
Special Service - Hazardous Materials	1	3	4	2	1	2	2	4	5	24	3	0.3	0.3
Special Service - Lift Release	55	42	32	59	50	33	38	36	37	382	39	4.0	3.7
Special Service - Making Safe (not RTC)	29	10	15	16	41	14	21	18	14	178	22	2.2	1.8
Special Service - Medical Incident	1	2	3	1	2	2	2	4	1	18	2	0.2	0.2
Special Service - No action (not false alarm)	11	8	4	6	3	0	7	2	2	43	3	0.3	0.7
Special Service - Other rescue/release of persons	14	18	10	14	13	10	7	16	14	116	12	1.2	1.0
Special Service - Other Transport	0	6	2	3	1	3	3	1	4	23	2	0.2	0.3
Special Service - Removal of objects from people	7	6	4	1	4	1	7	5	6	41	5	0.5	0.6
Special Service - Removal of people from objects	0	0	0	2	2	6	1	7	4	22	4	0.4	0.3
Special Service - Rescue or evacuation from water	0	0	0	1	0	1	0	0	0	2	0	0.0	0.1
Special Service - RTC	41	36	16	39	26	34	40	34	31	297	33	3.4	5.1
Special Service - Spills and Leaks (not RTC)	18	16	10	9	5	10	18	12	17	115	12	1.3	1.1
Special Service - Stand By	0	0	0	1	0	0	0	0	1	2	0	0.0	0.0
Special Service - Suicide	0	2	5	1	1	0	0	2	0	11	1	0.1	0.1
Special Service - Unknown	2	1	0	0	1	0	0	0	1	5	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	416	484	391	360	367	300	324	299	320	3,261	322	33.1	34.6
False Alarm - Good Intent	240	183	155	108	121	167	126	145	142	1,387	140	14.4	13.6
False Alarm - Malicious	37	25	22	27	21	16	21	22	16	207	19	2.0	1.3
False Alarm - Unknown	1	1	0	0	0	0	1	0	1	4	0	0.0	0.2
Other	0	2	0	0	0	0	0	0	0	2	0	0.0	0.0
<b>Grand Total</b>	<b>###</b>	<b>###</b>	<b>###</b>	<b>###</b>	<b>###</b>	<b>935</b>	<b>964</b>	<b>963</b>	<b>976</b>	<b>9,543</b>	<b>974</b>	<b>100</b>	<b>100</b>

As can be seen from the table above half of all the incidents in Bohemia Road station area are false alarms, the table below breaks down those false alarm incidents by property type. It can be seen that there are more false alarms occurring in dwellings in Bohemia Road (58%) compared to the service average (49%). The converse of this is that a smaller proportion of false alarms occurring in Non-Residential (25% in Bohemia Rd, 29% ESFRS) and in other residential (6% in Bohemia Rd, 10% service average).

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

Property Type	Hastings Bohemia Rd	ESFRS
Dwelling	1,393 (57.8%)	11,127 (49%)
Non-Residential	611 (25.4%)	6,612 (29.1%)
Other Residential	138 (5.7%)	2,181 (9.6%)
Outdoor	179 (7.4%)	1,762 (7.8%)
Outdoor Structure	26 (1.1%)	194 (0.9%)
Road Vehicle	37 (1.5%)	443 (2%)
Unknown	25 (1%)	377 (1.7%)
<b>Total</b>	<b>2,409</b>	<b>22,696</b>

The following table shows the number of critical incidents that occur within Bohemia Road station area over the past 9 years. This equates to an average of 46 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 974 incidents occur within Bohemia Rd area each year, this represents around 4.7% of incidents have some form of life risk, which is slightly lower than the ESFRS average of 5.2%.

#### No. of Critical Incidents within Bohemia Rd Station Admin Area

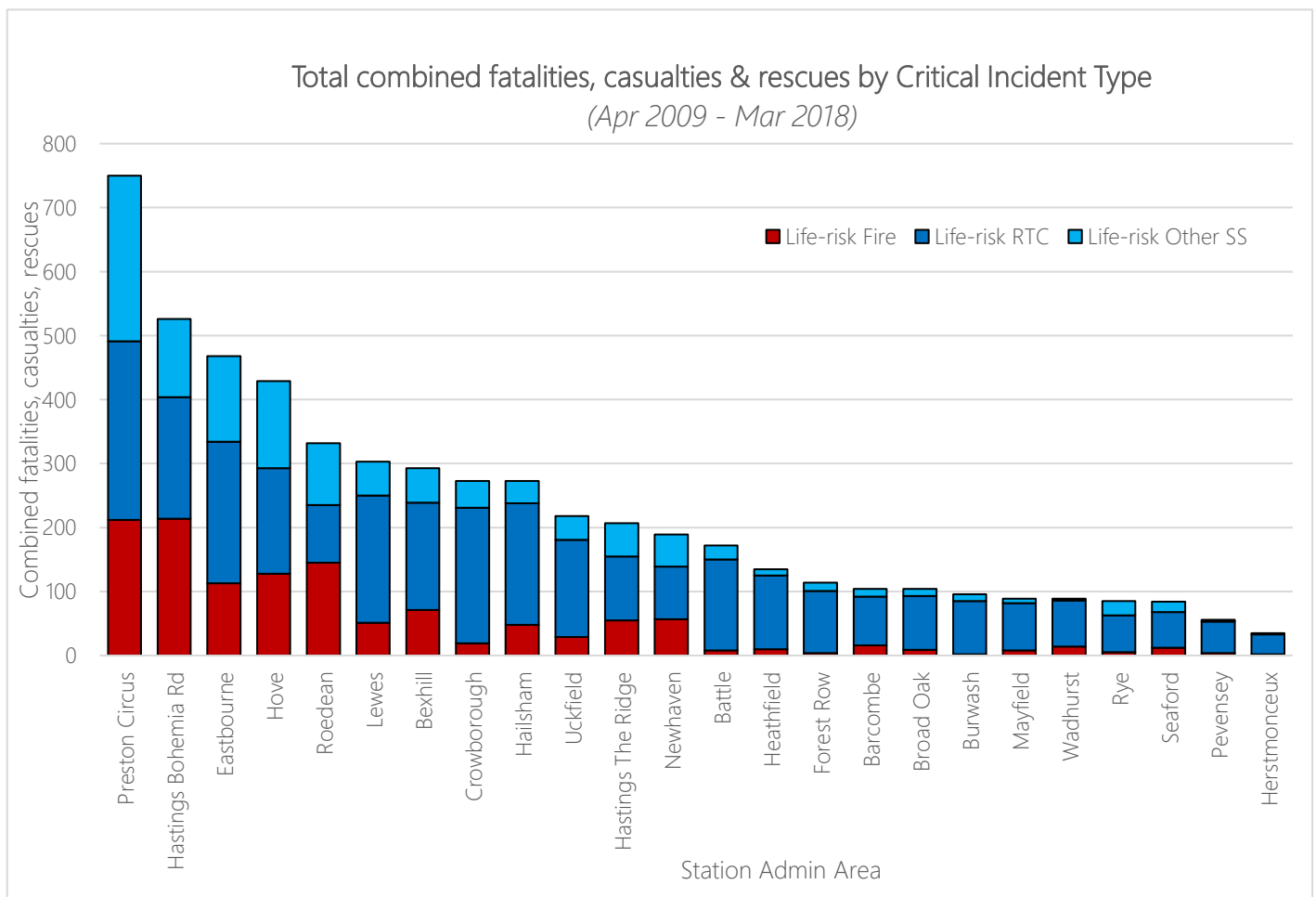
Critical Incidents	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	Total
Life-risk Fire	19	19	17	15	22	20	21	11	12	156
Life-risk RTC	20	21	8	14	9	15	17	18	17	139
Life-risk Special Serv.	10	12	17	12	8	13	9	22	17	120
<b>Total</b>	<b>49</b>	<b>52</b>	<b>42</b>	<b>41</b>	<b>39</b>	<b>48</b>	<b>47</b>	<b>51</b>	<b>46</b>	<b>415</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 415 critical incidents have resulted in 526 injuries and/or rescues over the past 9 years (58.4 fatalities, casualties, rescues per year), thus each critical incident in Bohemia Rd area gives rise to 1.27 casualties. The ESFRS average is similar at 1.26 casualties to every critical incident.

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

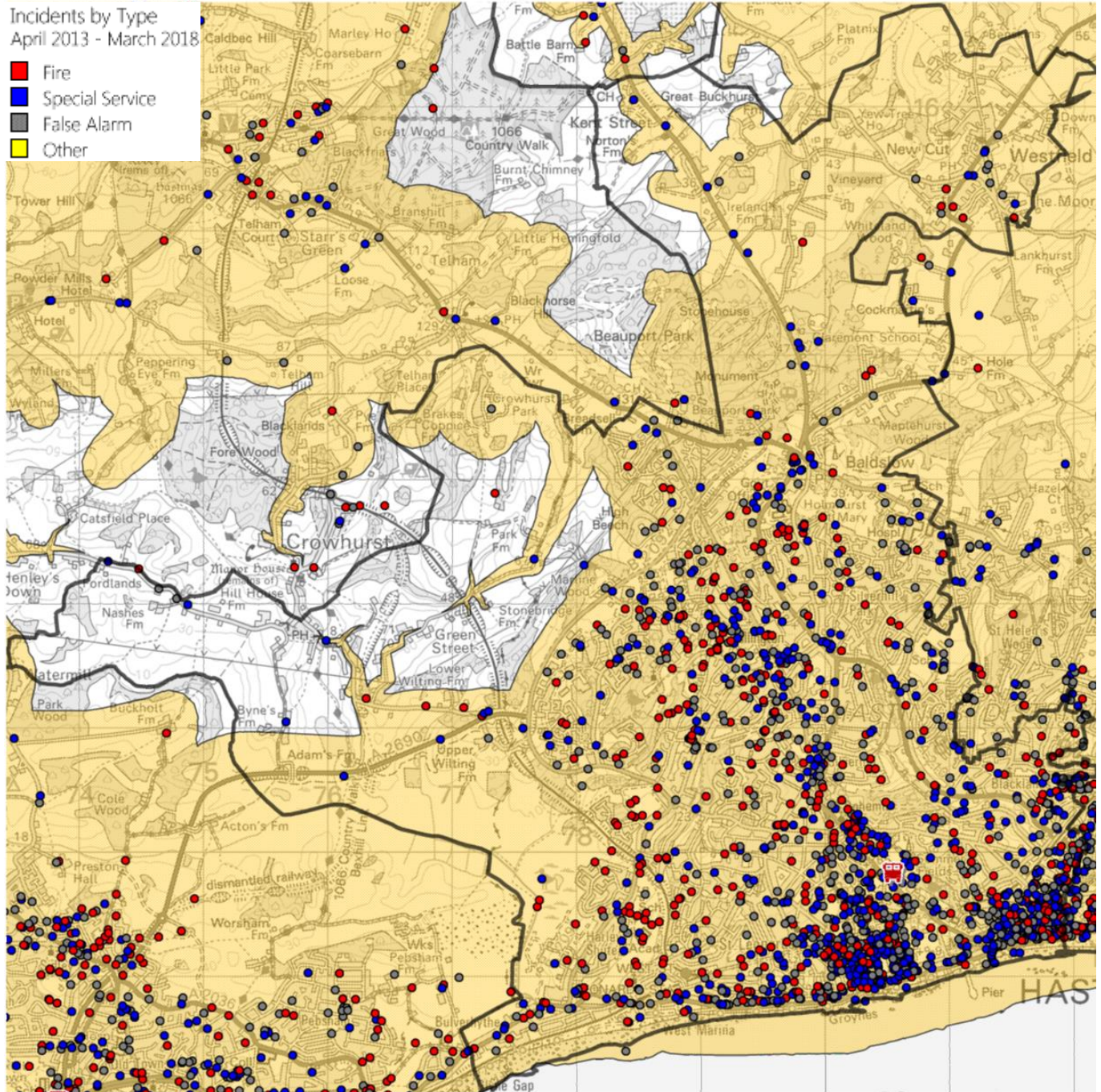
Casualty Severity	Fire	RTC	Other SS.	Total
Fatal Injury	8	5	13	26
Serious Injury	8	30	39	77
Slight Injury	82	122	52	256
First Aid/Prec. Check	77	19	18	114
Rescue (No Injury)	39	14	0	53
<b>Total Life-Risk</b>	<b>214</b>	<b>190</b>	<b>122</b>	<b>526</b>

Bohemia Rd ranks 2<sup>nd</sup> out of the 24 station areas regarding combined numbers of fatalities, casualties and rescues as demonstrated on the following chart.



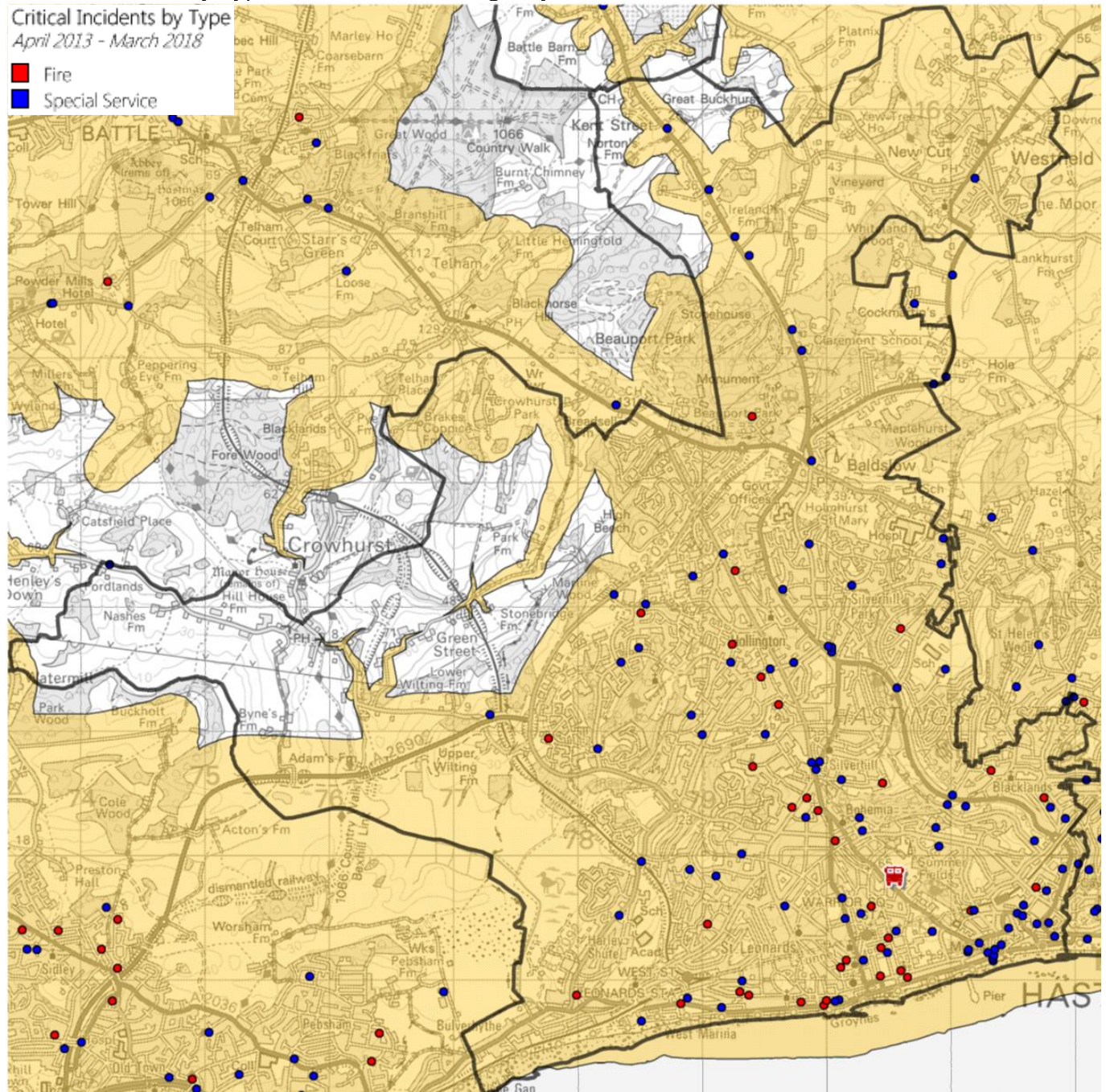
53% of incidents within Bohemia Rd station area occurred during the daytime (between 08:30 and 18:30). The map below shows all daytime incidents over the last 5 years, with daytime attendance standards coverage overlaid. 99.5% of daytime incidents fall within the attendance standards isochrone.

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



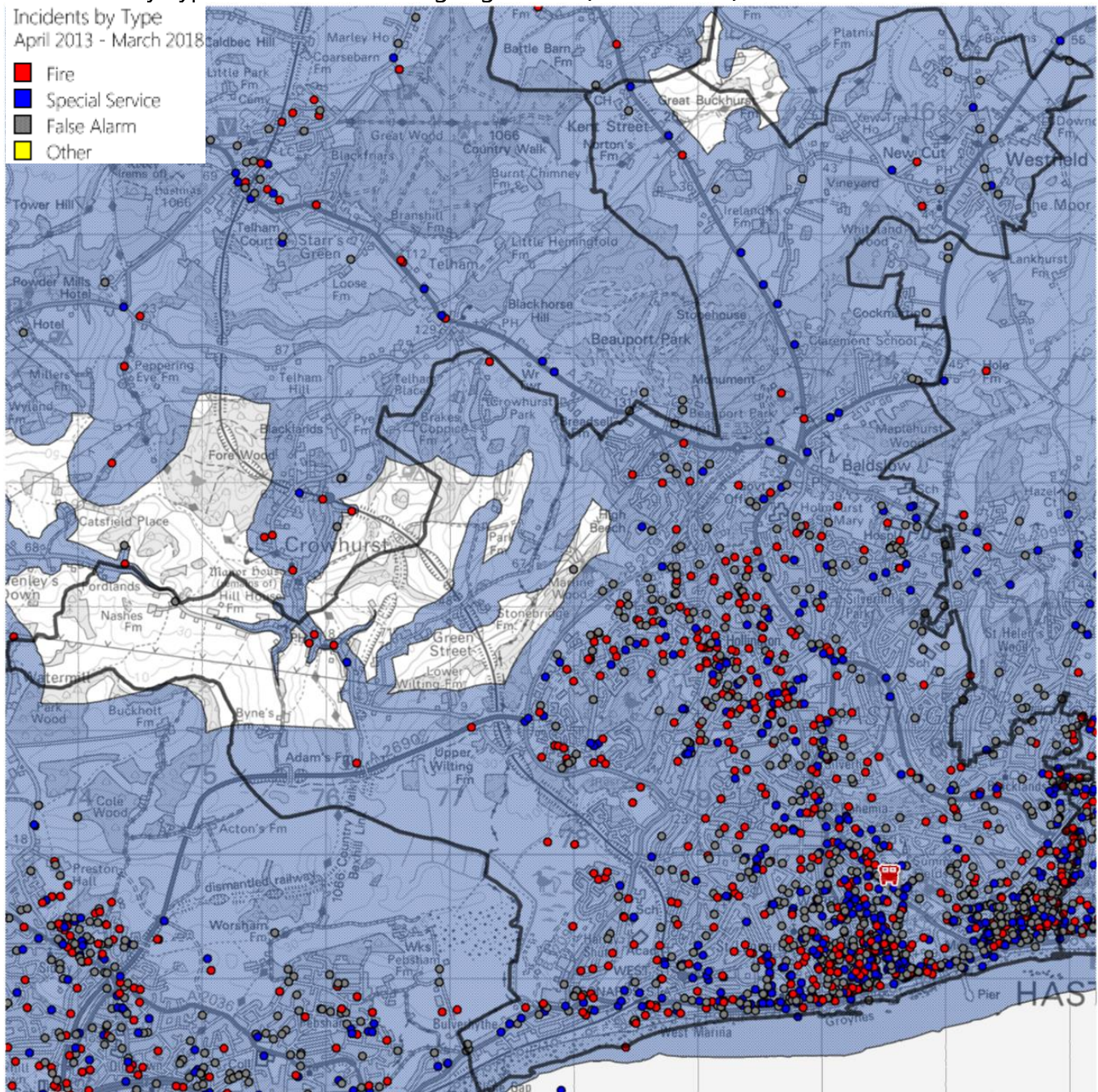
The following map now only show critical incidents that occurred within Bohemia Rd station area during the day. 56% of these occurred during the daytime (between 08:30 and 18:30). 99.5% fall within the attendance standards isochrone.

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



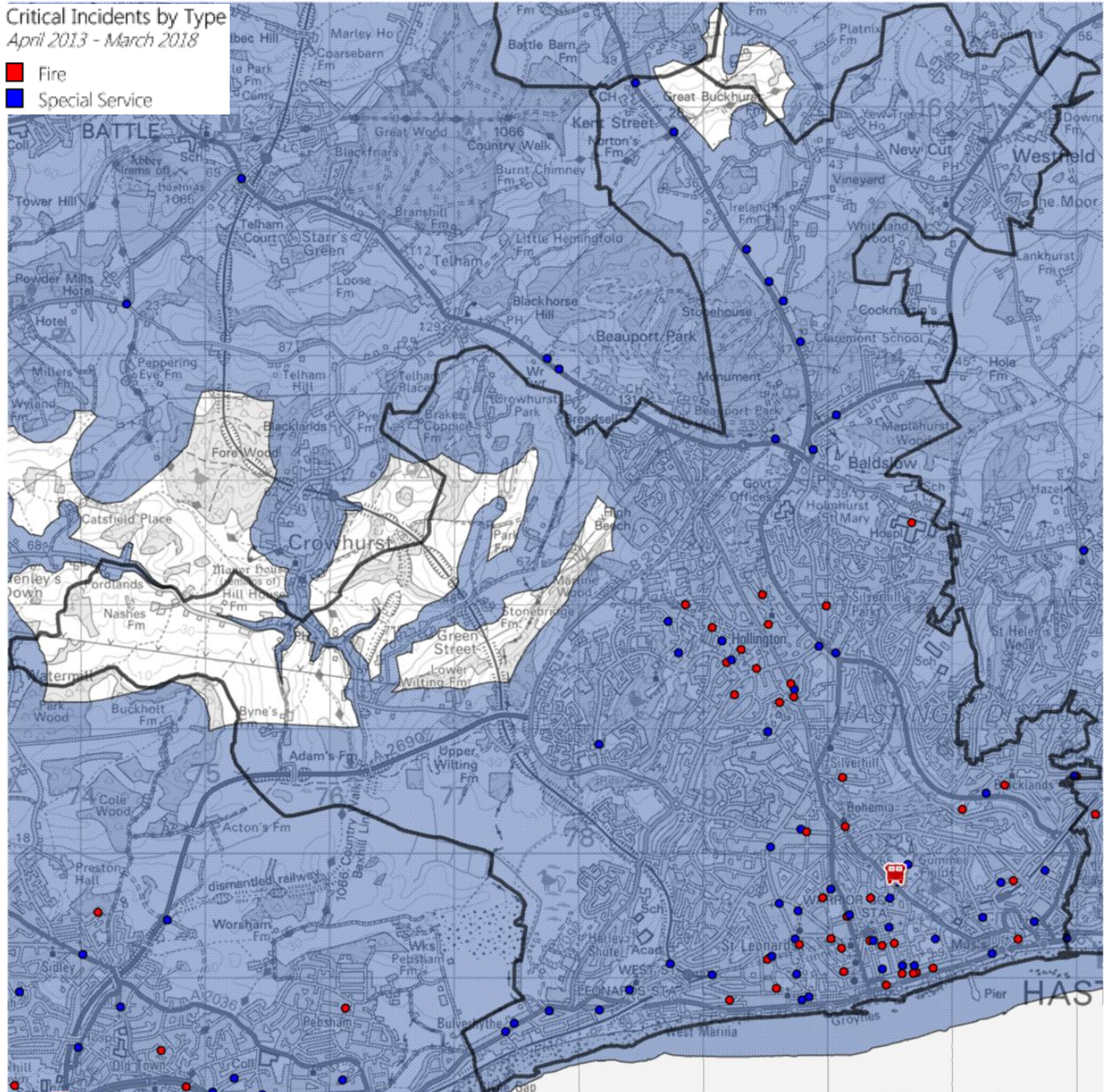
48% of incidents within Bohemia Rd station area occurred during the night time (between 18:30 and 08:30). The map below shows all night time incidents over last 5 years, with night time attendance standards coverage overlaid. 99.9% of night time incidents fall within the attendance standards isochrone.

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



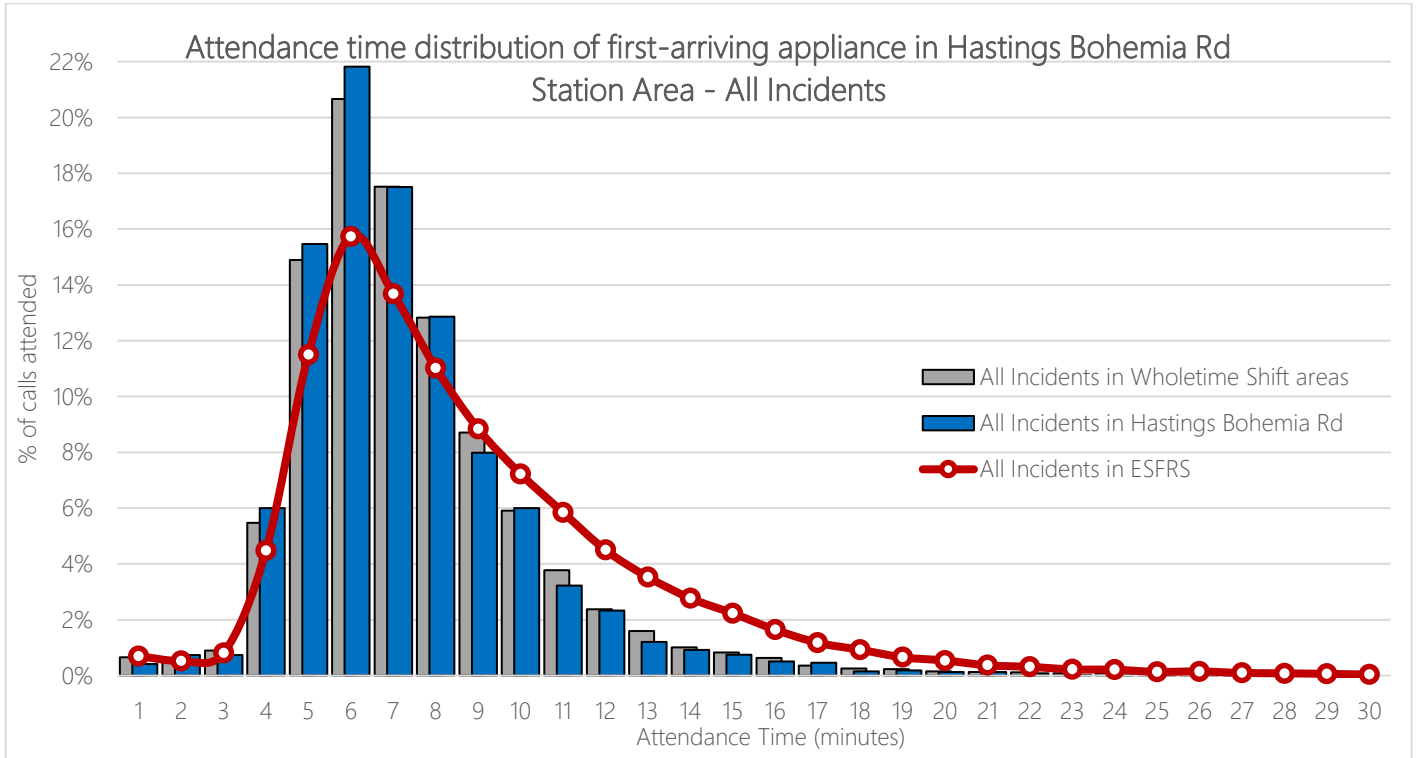
The following map now only shows critical incidents that occurred within Bohemia Rd station area during the night. 44% of these occurred during the night time (between 18:30 and 08:30). 100% fall within the attendance standards isochrone.

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

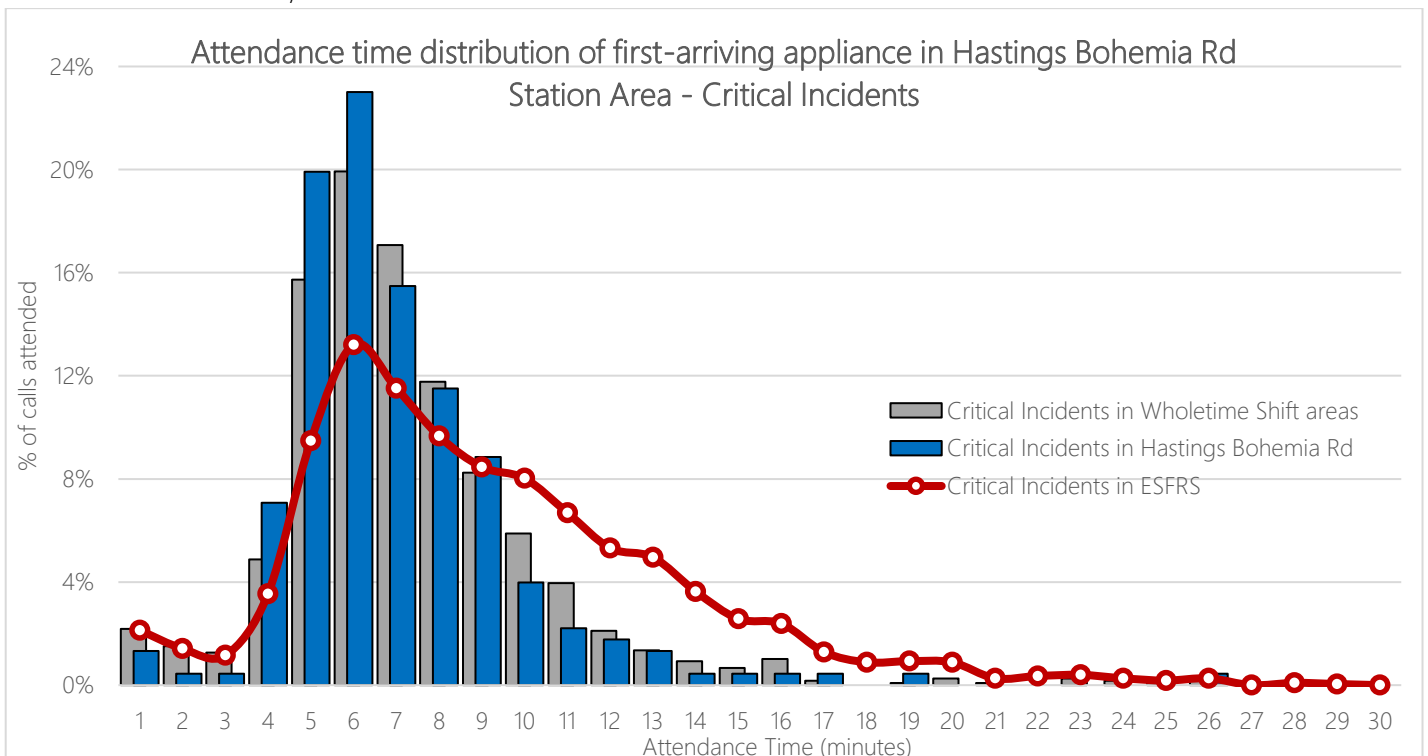




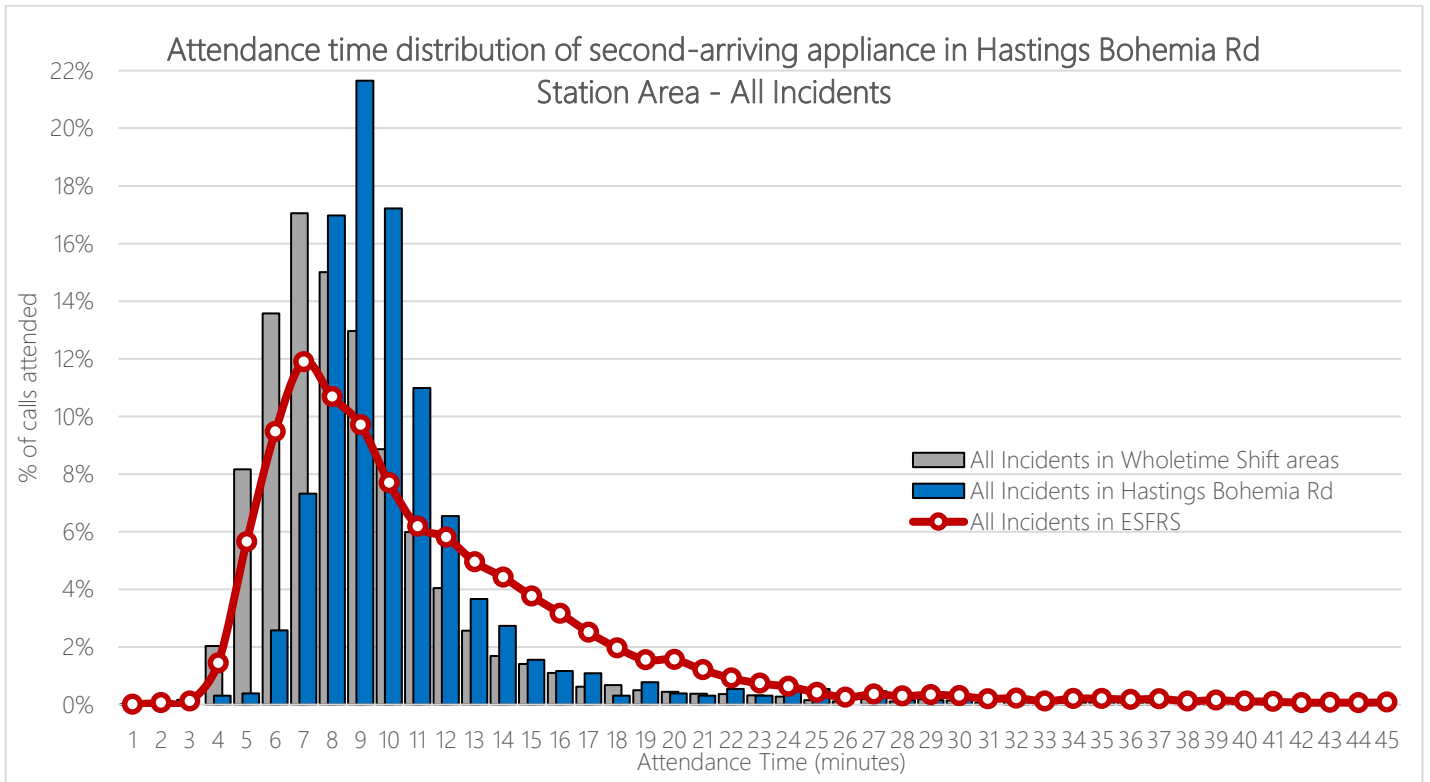
The chart below shows the distribution of response times by minute intervals. These distributions are based on 5 years of data (Apr 2013 – Mar 2018) and help understand the range of response times to all types of incidents that have occurred within Bohemia Rd Station area, compared with other areas. It can be seen that, compared to other wholetime shift station areas, there are a greater proportion of initial attendances between 4-8 minutes, and fewer attendances over 9 minutes indicating that, overall, attendances to Bohemia Rd are quicker than other station areas.



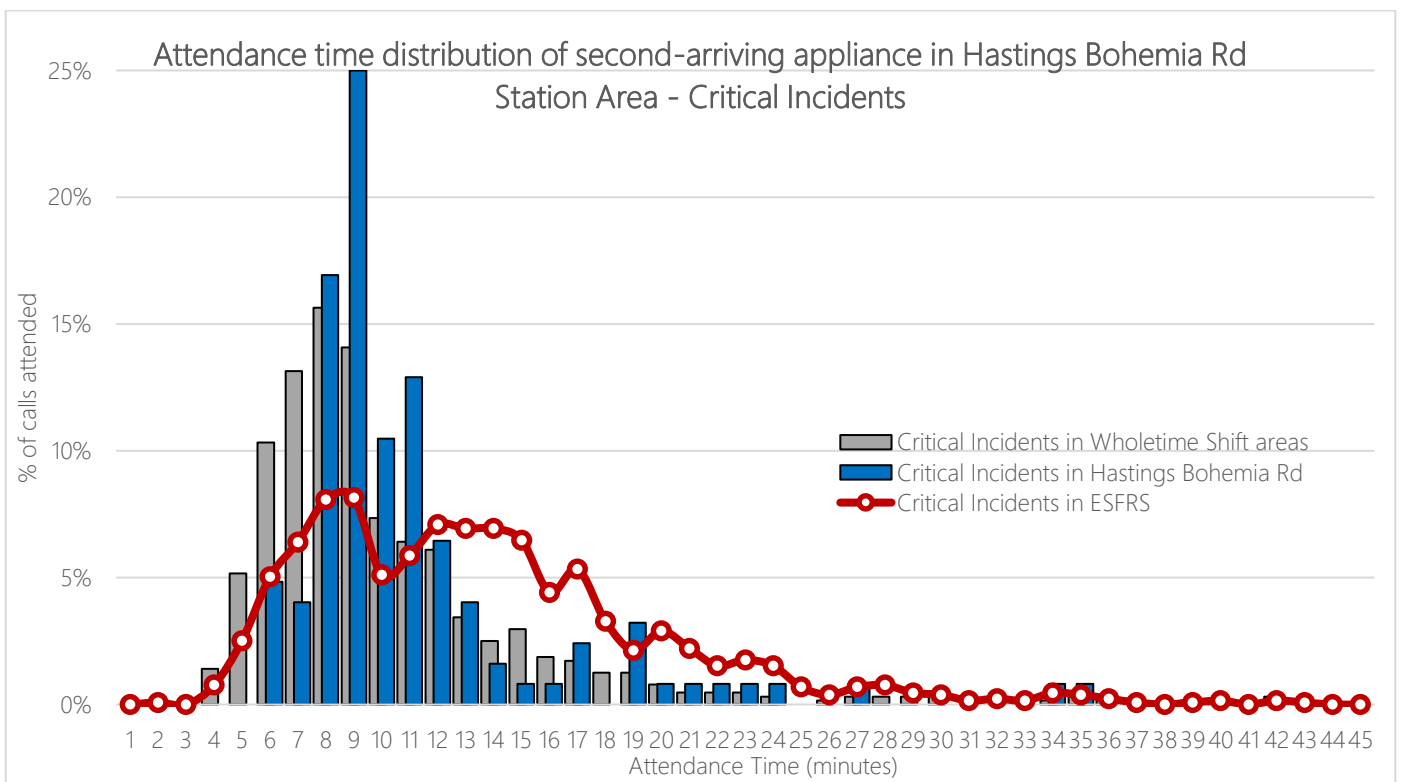
The following chart depicts similar information, but for critical incidents only. As there are fewer critical incidents within Bohemia Rd area, the distribution curve is less uniform. But it can be observed that attendance times in Bohemia Road are faster than other station areas, with high proportions of attendances between 4-8 minutes, and fewer over 10 minutes.



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 8-10 minutes for the arrival of the 2<sup>nd</sup> appliance compared to 5-8 minutes for the 1<sup>st</sup> appliance.



The chart below shows the distribution of attendance times to critical incidents across Bohemia Rd 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 Bohemia Rd 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 wholetime shift areas, the average lag time is higher for dwelling fires by approximately 1.5 minutes and RTC incidents by 0.5 minutes.

Incident Type	Ave. Lag Time in Hastings Bohemia Rd	Ave. Lag Time across all Wholetime Shift areas	Ave. Lag Time across ESFRS area
Primary Fire - Dwelling	03:51	02:15	03:21
Special Service - RTC	03:42	03:04	04:17

Between April 2013 and March 2018, 73% of incidents within the Bohemia Rd station area were attended by a single fire appliance, which is in-line with the ESFRS total of 72% of incidents.

The table below shows, when there was a 2<sup>nd</sup> pump attendance, which appliances attended. FJE75P1 was, as you would expect (*as it is the only other pumping appliance in Hastings*), the 2<sup>nd</sup> pump attendance on 74% of occasions. Bohemia Road itself provided the 2<sup>nd</sup> pump attendance on 16% of occasions.

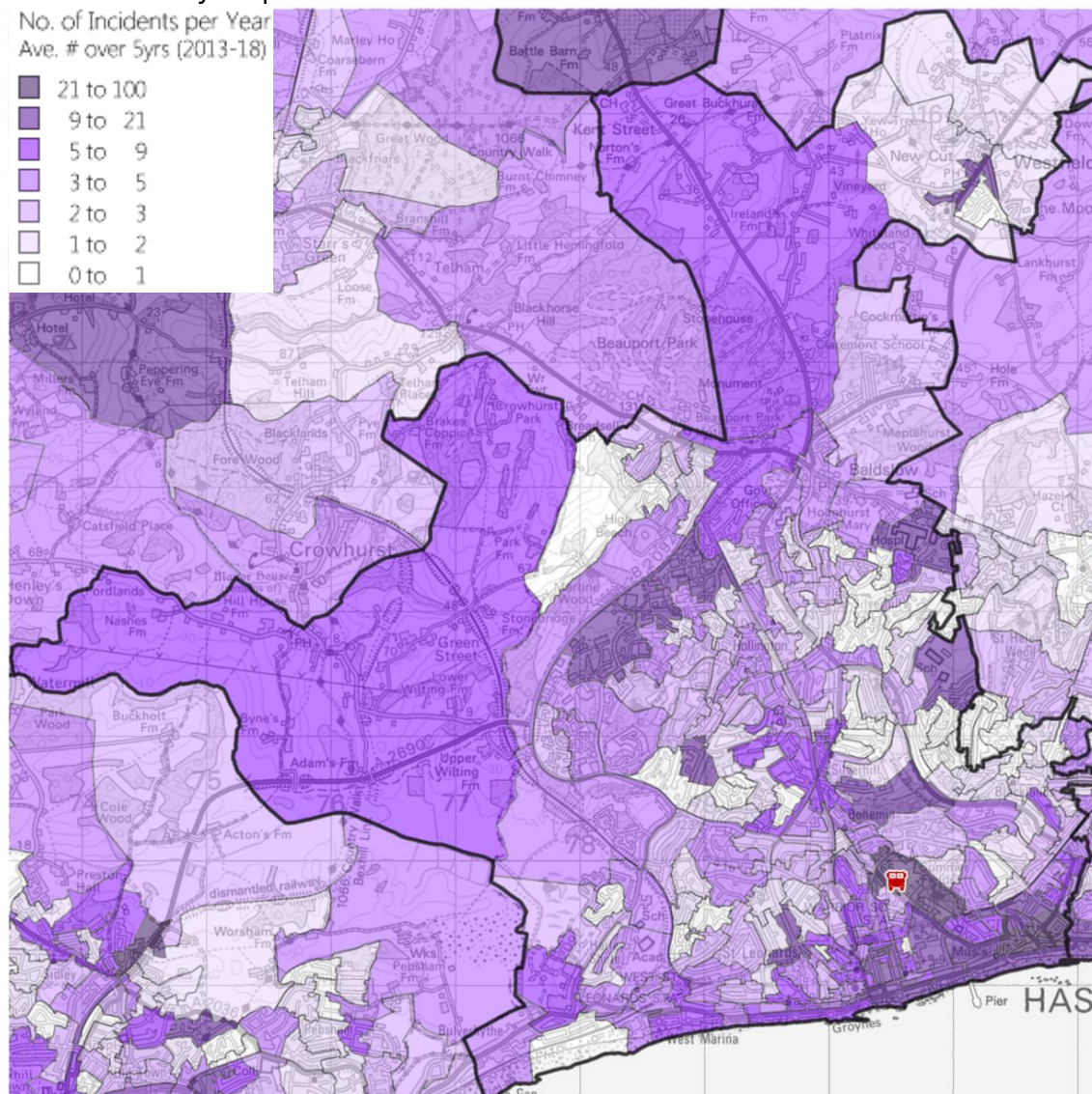
FJE75P1 (74%)	FJE76P1 (16%)	FJE73P1 (3%)	FJE72P1 (2%)	FJE75P4 (2%)	FJE71P1 (1%)	FJE75M1 (1%)
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The following map shows, by output area, the average number of incidents to which it is mobilised per year (based on a 5 year average). An Output Area (OA) 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 Bohemia Road 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 the highest density areas are situated in the south / south east of the station area, with lower densities on the outside of the town, with a few high density pockets in the northern areas of the town, around the Conquest Hospital and northern Hollington.

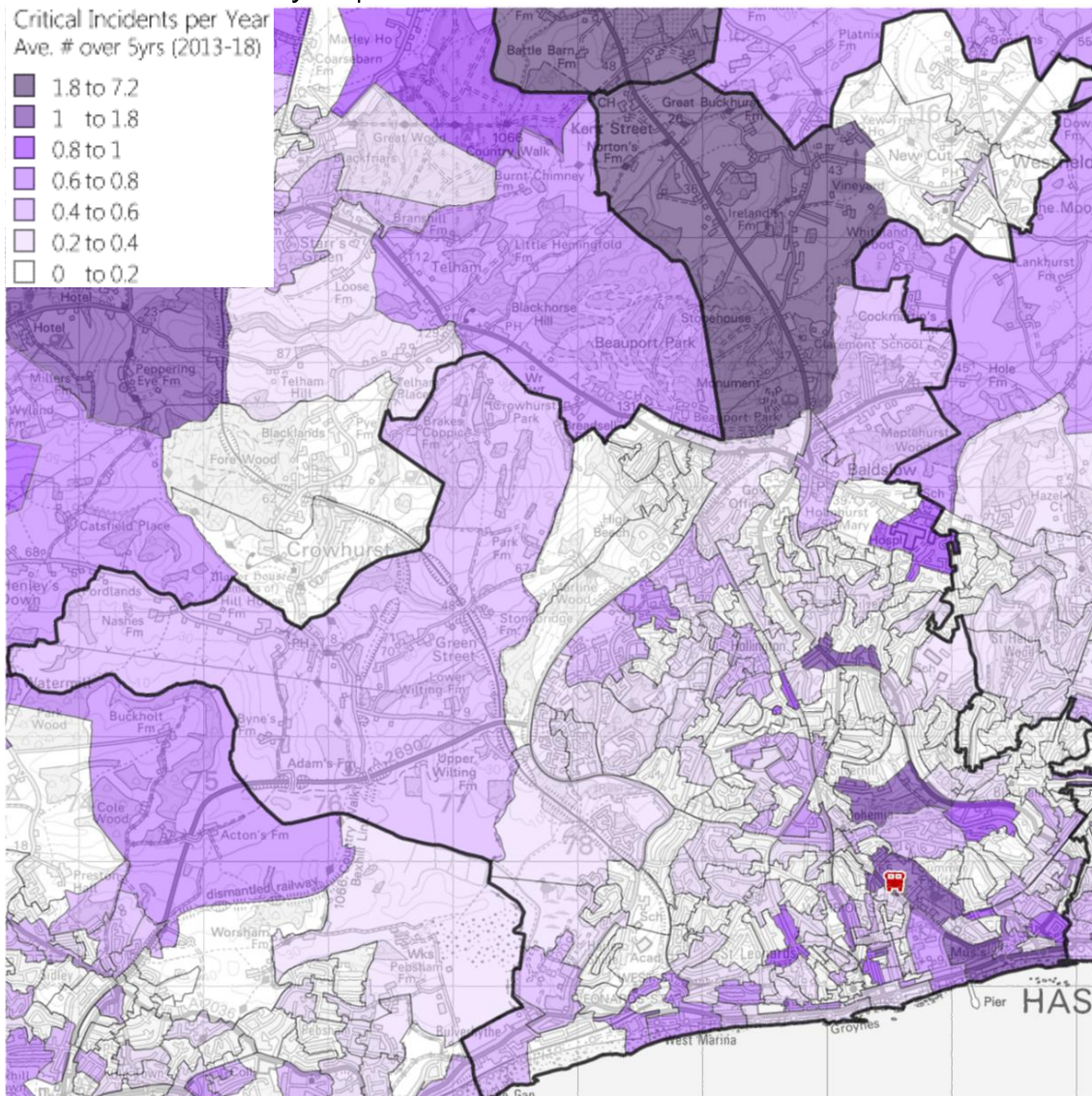
### Incident Density Map



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). The number of incidents involving fatalities, casualties or rescues in Bohemia Rd station area is high, only Preston Circus have more fatalities, casualties and rescues. The highest densities are in the south and south east of the station area, towards the fire station. There is also

a high density area in the far north around the A21. 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



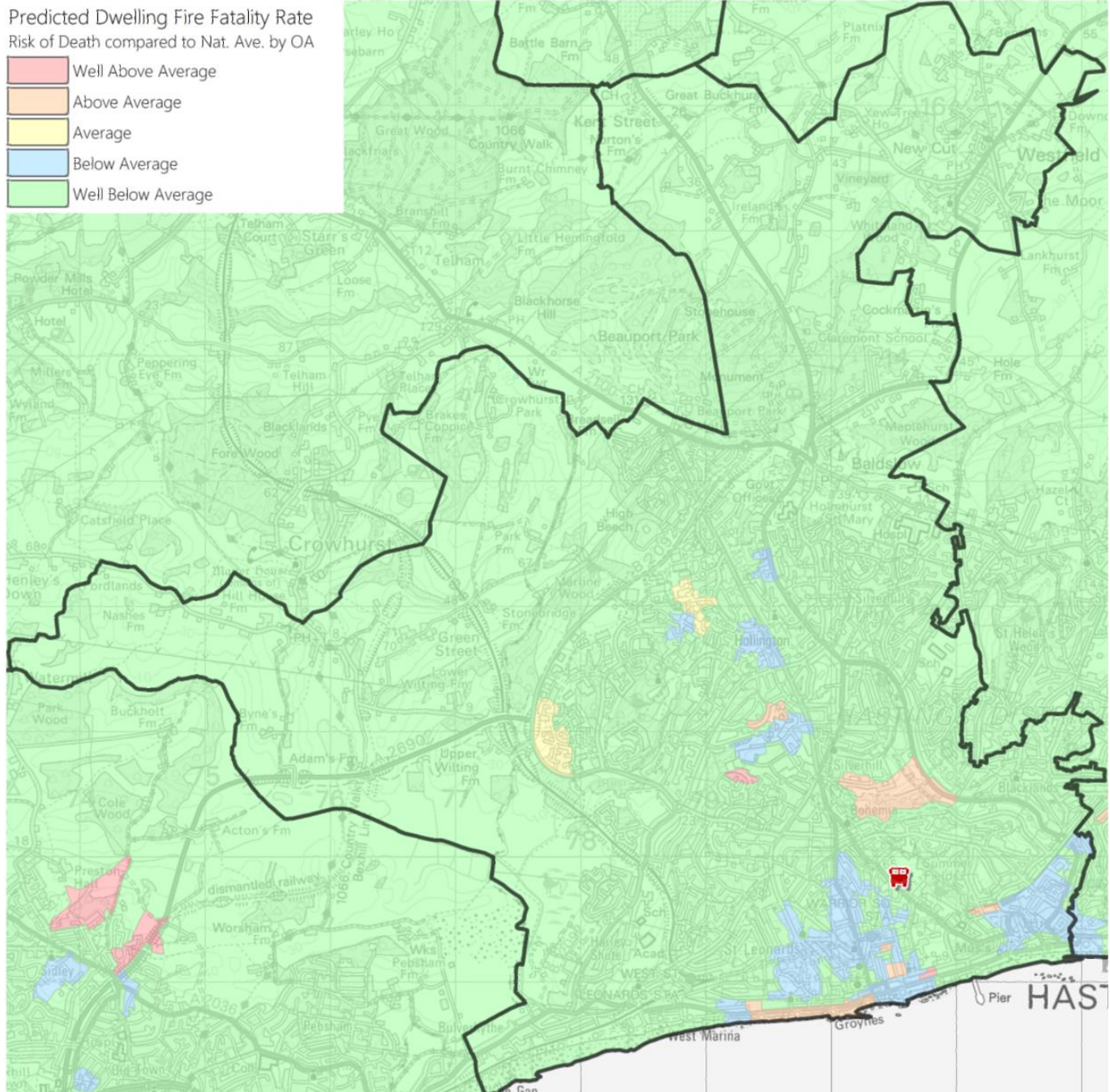
The following table illustrates the number of level 3 and 4 incidents that have occurred over the past 9 years within Bohemia Rd station area. A level 3 incident is where between 7-9 pumping appliances are in attendance at the incident, whereas a level 4 incident represents where 10 or more pumping appliances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

	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	1	0	2	0	1	0	0	7
Level 4 (10+ pumps)	3	0	0	1	1	0	0	0	0	5
<b>Total</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>12</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.

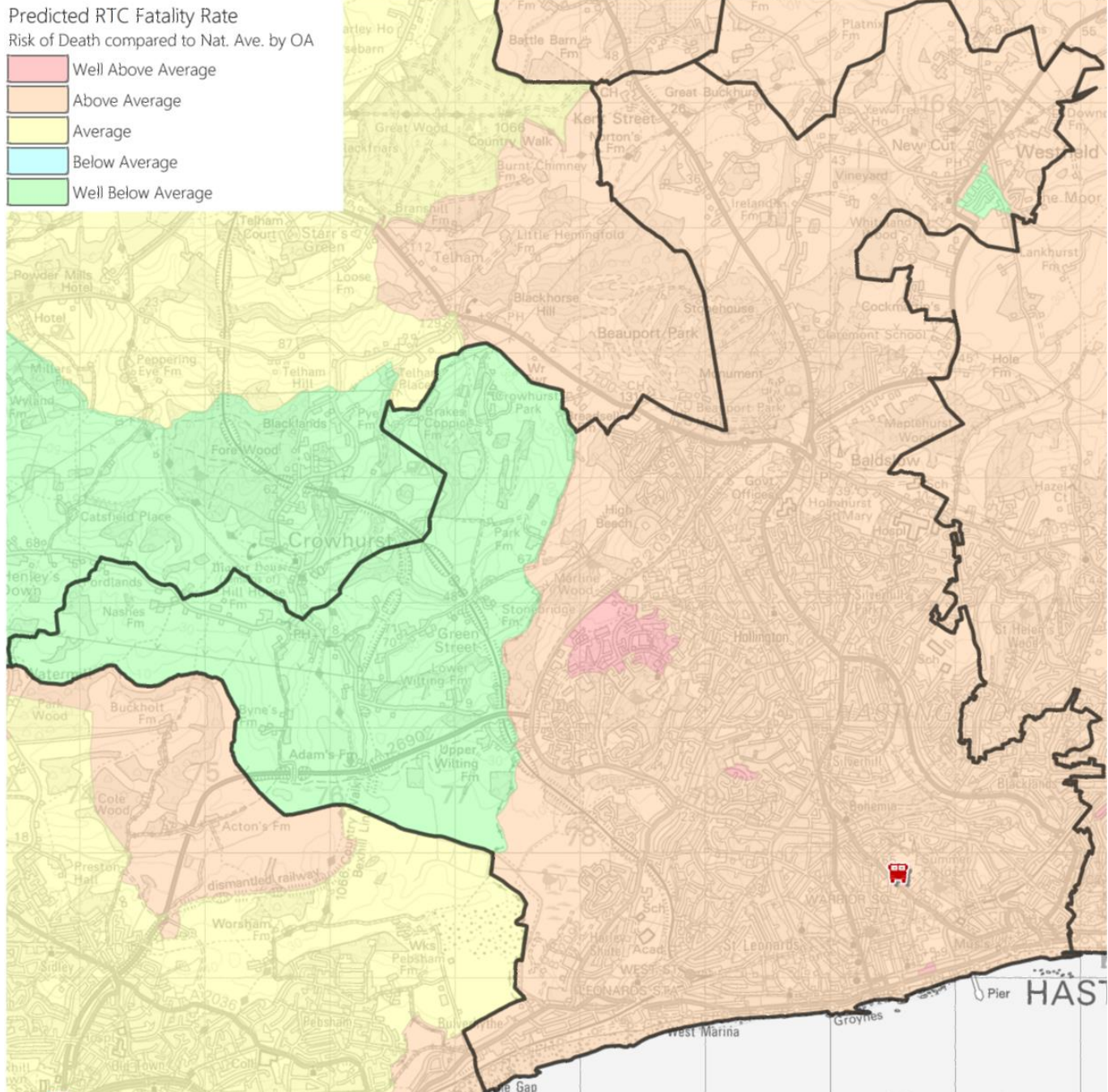
It can be seen that the Bohemia Rd station area predominately has a well below average risk of sustaining fatal injuries in a fire compared with the national average. However there are pockets of higher risk, the largest is the towards the south, around the Warrior Square and seafront area of St Leonards where there are very high proportions of lone pensioners, rented accommodation and persons with limiting long term illness. Another higher risk area is around Stonehouse Drive where there are high proportions of lone pensioners and rented accomodation.

### 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 roads, the A259 and A21 are located there is an above average risk of death compared with the national average. Along the Queensway section of the A2690 there is a section of well above average risk, however the Combe Valley Way (Bexhill Hastings Link Road) section is well below average.

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



### Incidents to which Bohemia Rd appliance(s) were mobilised

Whilst the previous section dealt with incidents within Bohemia Rd station area irrespective of which appliances were mobilised, this section deals with incidents to which Bohemia Rd 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 Bohemia Rd. 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 rise in the day-time turnout time, and a sharp increase in the night-time turnout time.

The 9 year average turn-out time for FJE76P1 was 01:21 (7am-Midnight) increasing to 01:44 between Midnight and 7am.

### Average turn-out times of Bohemia Rd appliance(s)

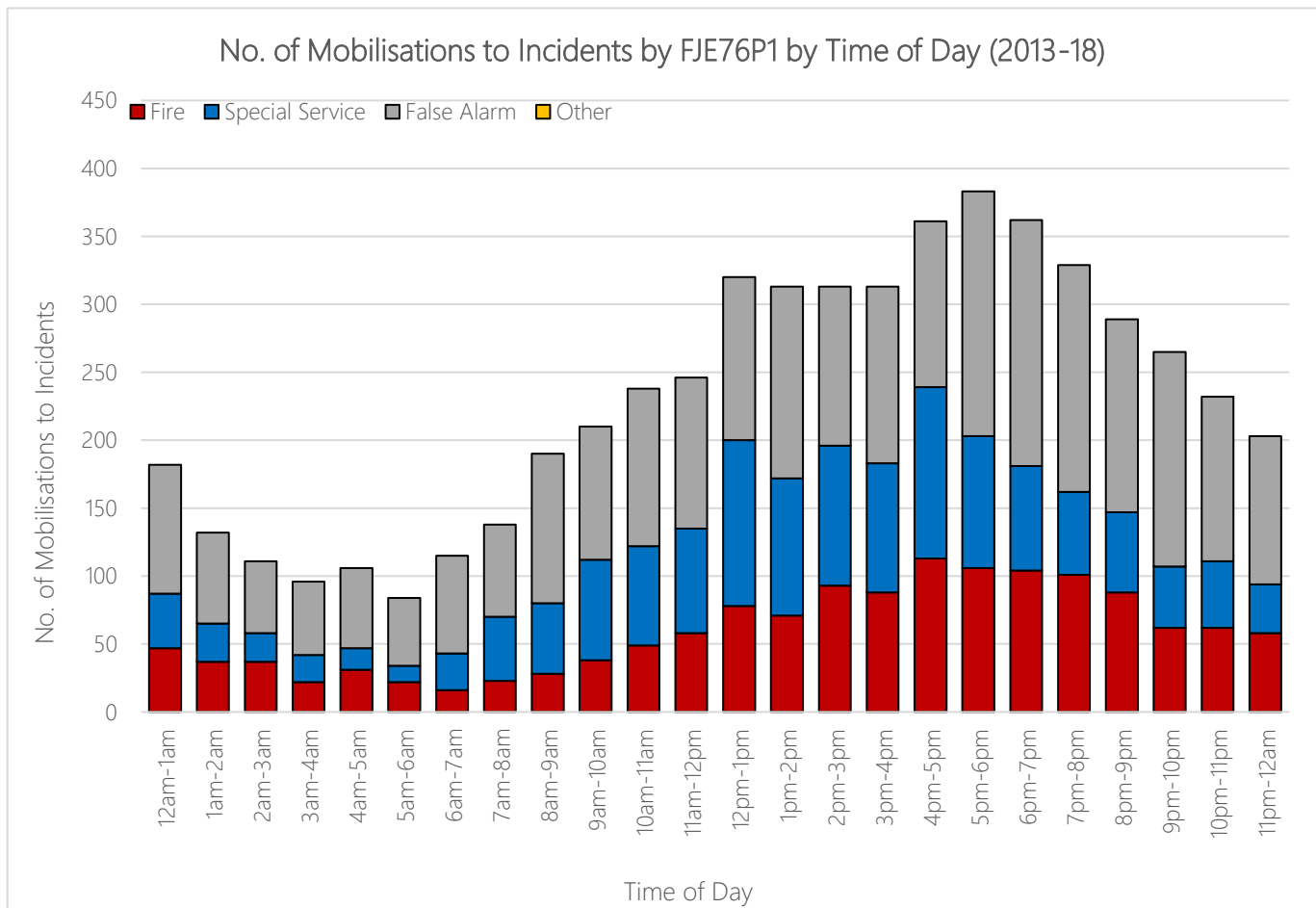
Callsign	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
FJE76P1 (7am-Midnight)	01:30	01:21	01:14	01:09	01:11	01:13	01:16	01:26	01:44
FJE76P1 (Midnight-7am)	01:51	01:50	01:34	01:34	01:34	01:36	01:41	01:46	02:13

The following table shows the number of mobilisations each Bohemia Rd 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 FJE76P1 have reduced by 31%.

Appliance	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	% increase / decrease
FJE76P1	1,540	1404	1265	1180	1192	1121	1103	1,047	1,068	-31
All ESFRS Incidents	12,759	11675	10376	9516	9772	9090	9215	9,405	9,737	-24



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



The following tables illustrate the types of incidents to which each Bohemia Rd appliance has mobilised to over the past 5 years. FJE76P1 mobilises to a higher proportion of fire incidents compared with the rest of ESFRS – approximately 4% more, but proportionally 2% fewer special service calls.

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

Incident Type	FJE76P1	%	All ESFRS Incidents	%
Fire	1,432	25.9	10,263	21.7
Special Service	1,458	26.4	13,332	28.2
False Alarm	2,641	47.7	22,838	48.4
Other	0	0.0	786	1.7
All Incident Types	5,531	-	47,219	-

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

Incident Type	FJE76P1	%	All ESFRS Incidents	%
Primary Fire - Dwelling	552	10.0	2,871	6.1
Primary Fire - Non Residential	141	2.5	984	2.1
Primary Fire - Other Residential	30	0.5	265	0.6
Primary Fire - Other transport vehicle	0	0.0	14	0.0
Primary Fire - Outdoor	51	0.9	396	0.8
Primary Fire - Road Vehicle	135	2.4	1,256	2.7
Chimney Fire	46	0.8	717	1.5
Secondary Fire - Dwelling	14	0.3	25	0.1
Secondary Fire - Non Residential	13	0.2	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	445	8.0	3,561	7.5
Secondary Fire - Road Vehicle	5	0.1	58	0.1
Fire - Classification Not Recorded	0	0.0	50	0.1
Special Service - Advice Only	8	0.1	150	0.3
Special Service - Animal assistance incidents	97	1.8	1,050	2.2
Special Service - Assist other agencies	79	1.4	767	1.6
Special Service - Effecting Entry/Exit	201	3.6	1,817	3.8
Special Service - Evacuation (no fire)	2	0.0	13	0.0
Special Service - Flooding	234	4.2	1,956	4.1
Special Service - Hazardous Materials	18	0.3	133	0.3
Special Service - Lift Release	218	3.9	1,728	3.7
Special Service - Making Safe (not RTC)	102	1.8	834	1.8
Special Service - Medical Incident	12	0.2	101	0.2
Special Service - No action (not false alarm)	17	0.3	325	0.7
Special Service - Other rescue/release of persons	65	1.2	447	0.9
Special Service - Other Transport	16	0.3	136	0.3
Special Service - Removal of objects from people	18	0.3	261	0.6
Special Service - Removal of people from objects	19	0.3	146	0.3
Special Service - Rescue or evacuation from water	3	0.1	43	0.1
Special Service - RTC	258	4.7	2,374	5.0
Special Service - Spills and Leaks (not RTC)	60	1.1	495	1.0
Special Service - Stand By	1	0.0	6	0.0
Special Service - Suicide	4	0.1	71	0.2
Special Service - Unknown	25	0.5	471	1.0
Special Service - Water provision	1	0.0	8	0.0
False Alarm - Apparatus	1,711	30.9	15,820	33.5
False Alarm - Good Intent	827	15.0	6,255	13.2
False Alarm - Malicious	99	1.8	601	1.3
False Alarm - Unknown	4	0.1	162	0.3
Other	0	0.0	786	1.7
<b>Total</b>	<b>5,531</b>	<b>-</b>	<b>47,219</b>	<b>-</b>

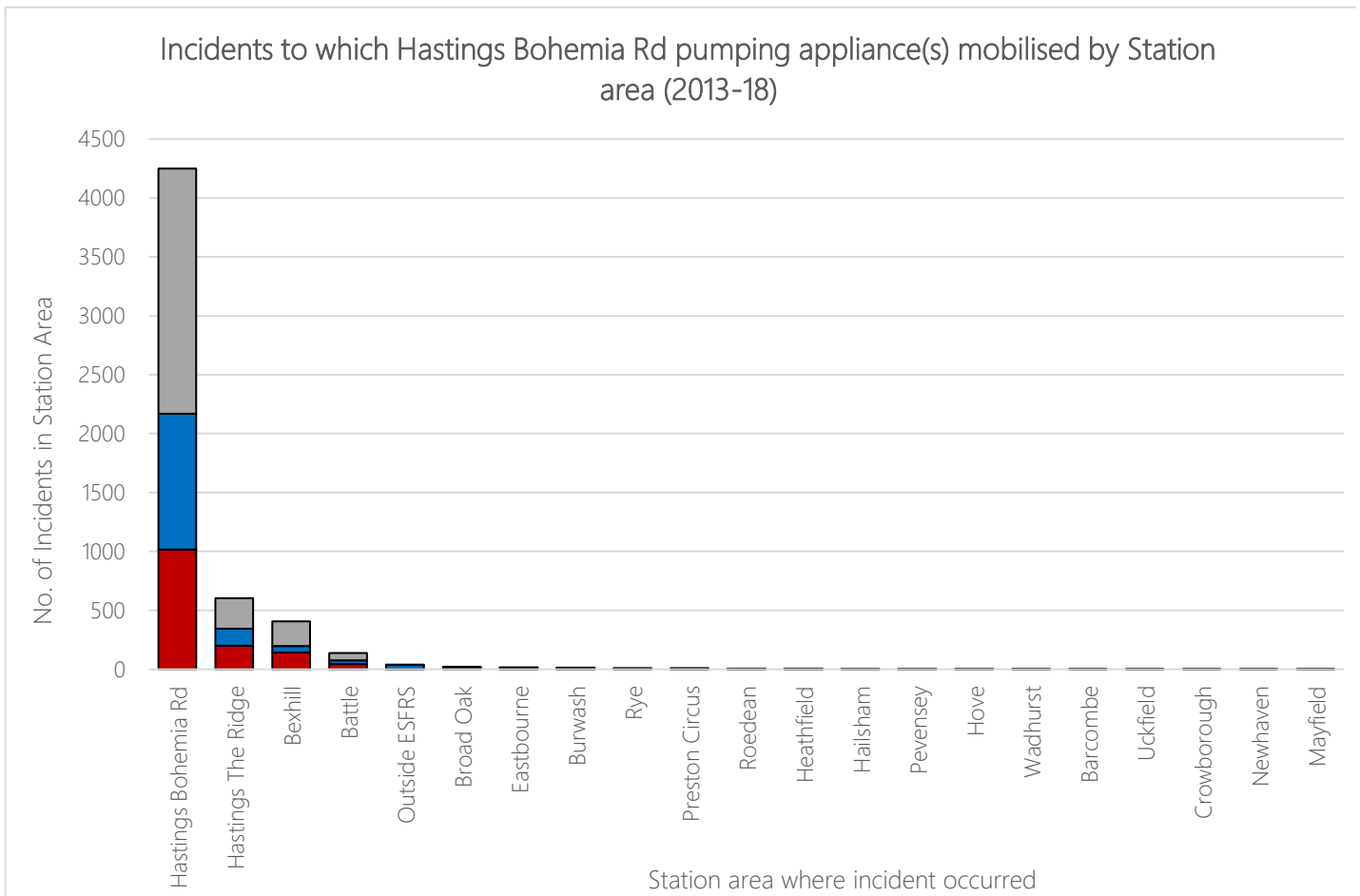
The following table demonstrates the number of times each pumping appliance at Bohemia Rd has been mobilised to an incident between 2013 and 2018, broken down by the station area to which it was mobilised. This includes incidents where the Bohemia Rd appliance(s) may not have arrived at the incident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

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

Station Area	FJE76P1		
	5 Year Total (2013-18)	Ave. Per Year	% by Station Area
Barcombe	1	0	0.0
Battle	137	27	2.5
Bexhill	407	81	7.4
Broad Oak	22	4	0.4
Burwash	15	3	0.3
Crowborough	1	0	0.0
Eastbourne	16	3	0.3
Hailsham	3	1	0.1
Hastings Bohemia Rd	4,250	850	76.8
Hastings The Ridge	603	121	10.9
Heathfield	5	1	0.1
Hove	2	0	0.0
Mayfield	1	0	0.0
Newhaven	1	0	0.0
Pevensey	2	0	0.0
Preston Circus	8	2	0.1
Roedean	5	1	0.1
Rye	9	2	0.2
Uckfield	1	0	0.0
Wadhurst	2	0	0.0
Outside ESFRS	40	8	0.7
<b>Grand Total</b>	<b>5,531</b>	<b>1,106</b>	<b>100.0</b>

It can be seen that the primary pumping appliance at Bohemia Rd (76P1) is mobilised to an incident, on average, 1,106 times per year and on 77% of occasions, this is to its own station area. 11% of occasions it is to The Ridge area, and 7% of mobilisations are to Bexhill.

Between April 2013 and March 2018 there have been 5,531 mobilisations to incidents by a Bohemia Rd 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 Bohemia Rd 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 Bohemia Rd 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 Bohemia Rd appliance(s) may not have arrived at the incident due to being stood-down en-route. 76P1 mobilises to a critical incident, on average, 68 times per year and on 61% of occasions, this is within the Bohemia Rd station area. 38% of occasions it is to other ESFRS areas and 0.6% of mobilisations are to incidents that are outside of ESFRS.

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

No. of Mobilisations to Critical Incidents	Appliance Callsign	Battle	Bexhill	Broad Oak	Burwash	Hastings Bohemia Rd	Hastings The Ridge	Heathfield	Rye	Wadhurst	Outside ESFRS	Grand Total
5 Year Total (2013-18)	FJE76P1	21	41	6	6	208	52	1	1	1	2	339
Ave. Per Year	FJE76P1	4	8	1	1	42	10	0	0	0	0	68
% by Station Area	FJE76P1	6.2	12.1	1.8	1.8	61.4	15.3	0.3	0.3	0.3	0.6	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, FJE76P1 has met this standard, reaching 98% of all incidents within 15 minutes and 97% of critical incidents within 15 minutes.

**Incidents attended within X minutes by FJE76P1 where first-arriving appliance (Apr 2013 – Mar 2018)**

Performance of FJE76P1 as first arriving appliance	< 5 mins	< 8 mins	< 10 mins	< 13 mins	< 15 mins	< 20 mins	Total Incidents
All Incidents	1099 (25%)	3470 (78%)	4037 (91%)	4282 (97%)	4336 (98%)	4384 (99%)	4,430
Critical Incidents	61 (28%)	169 (78%)	197 (91%)	209 (96%)	210 (97%)	213 (98%)	217

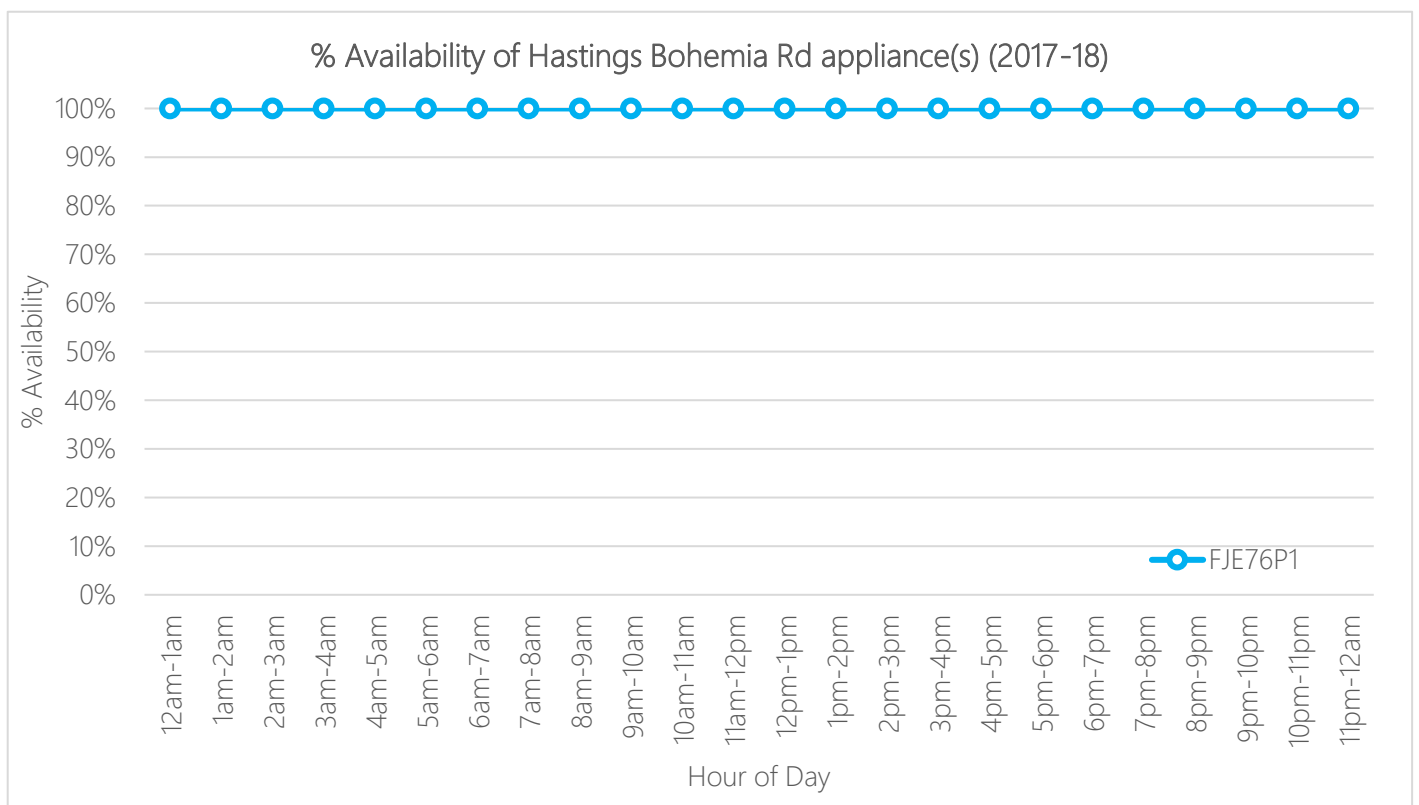
The table below shows appliance availability between April 2009 and March 2018. The data is calculated on unavailability due to staffing and does not include when appliances are off-the-run due to mechanical issues.

The primary pumping appliance has remained available 100% of the time over 9 year period, with the exception of 2014/15.

**Appliance Availability**

Callsign	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
FJE76P1	100.0	100.0	100.0	100.0	100.0	98.4	100.0	100.0	100.0

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



OTB attendances into Bohemia Rd (where ESFRS did not attend)  
 No OTB attendances by neighbouring FRS where ESFRS did not attend.

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.

Bohemia Road appliances made 9 standby moves between April 2009 and March 2018, accounting for 0.1% of all standby moves for ESFRS.

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
Hastings Bohemia Rd	1 (0.1%)	1 (0.1%)	0 (0%)	0 (0%)	1 (0.1%)	2 (0.2%)	0 (0%)	2 (0.1%)	2 (0.1%)	9 (0.1%)
ESFRS Total	773	795	877	947	1,010	835	1,086	1,556	2,301	10,180

5 (56%) of Bohemia Rd's standbys were in Bexhill, and 2 (22%) were across town at The Ridge.

Standby Locations (% Within Area / Appliance)		
Standby Location	76P1	Total Standbys at Location
Bexhill	5 (55.6%)	522
Hastings Ridge	2 (22.2%)	1245
Rye	1 (11.1%)	258
Battle	1 (11.1%)	659
Total	9	-

Special Appliances

The following section provides details of mobilisations and attendances of special appliances based at Bohemia Road station over the past 9 years.

The following table illustrates the total number of mobilisations for each special appliance at Bohemia Road fire station, broken down by year.

**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
FJE76A1	215	224	254	217	228	181	181	184	156

It can be observed that FJE76A1 on average gets mobilised to an incident 204 times per year, however demand has decreased over time, the average for the past 5 years is lower at 186.

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

Station Area	FJE76A1		
	Total Mobs (% Tot. Mobs)	Total Att. (% Tot. Att.)	% Did Not Arrive
Barcombe	1 (0.1%)	1 (0.1%)	0 (0.0%)
Battle	10 (0.5%)	8 (0.5%)	2 (20.0%)
Bexhill	173 (9.4%)	134 (8.3%)	39 (22.5%)
Broad Oak	3 (0.2%)	2 (0.1%)	1 (33.3%)
Burwash	4 (0.2%)	4 (0.2%)	0 (0.0%)
Crowborough	1 (0.1%)	1 (0.1%)	0 (0.0%)
Eastbourne	89 (4.8%)	22 (1.4%)	67 (75.3%)
Forest Row	0 (0.0%)	0 (0.0%)	0 (0.0%)
Hailsham	2 (0.1%)	1 (0.1%)	1 (50.0%)
Hastings Bohemia Rd	1270 (69.0%)	1206 (74.4%)	64 (5.0%)
Hastings The Ridge	243 (13.2%)	214 (13.2%)	29 (11.9%)
Heathfield	4 (0.2%)	4 (0.2%)	0 (0.0%)
Herstmonceux	0 (0.0%)	0 (0.0%)	0 (0.0%)
Hove	11 (0.6%)	5 (0.3%)	6 (54.5%)
Lewes	1 (0.1%)	1 (0.1%)	0 (0.0%)
Mayfield	2 (0.1%)	2 (0.1%)	0 (0.0%)
Newhaven	0 (0.0%)	0 (0.0%)	0 (0.0%)
Pevensey	0 (0.0%)	0 (0.0%)	0 (0.0%)
Preston Circus	3 (0.2%)	1 (0.1%)	2 (66.7%)
Roedean	5 (0.3%)	2 (0.1%)	3 (60.0%)
Rye	6 (0.3%)	6 (0.4%)	0 (0.0%)
Seaford	0 (0.0%)	0 (0.0%)	0 (0.0%)
Uckfield	0 (0.0%)	0 (0.0%)	0 (0.0%)
Wadhurst	3 (0.2%)	1 (0.1%)	2 (66.7%)
Outside ESFRS	9 (0.5%)	6 (0.4%)	3 (33.3%)
<b>All Mobilisations</b>	<b>1,840</b>	<b>1,621</b>	<b>219 (11.9%)</b>

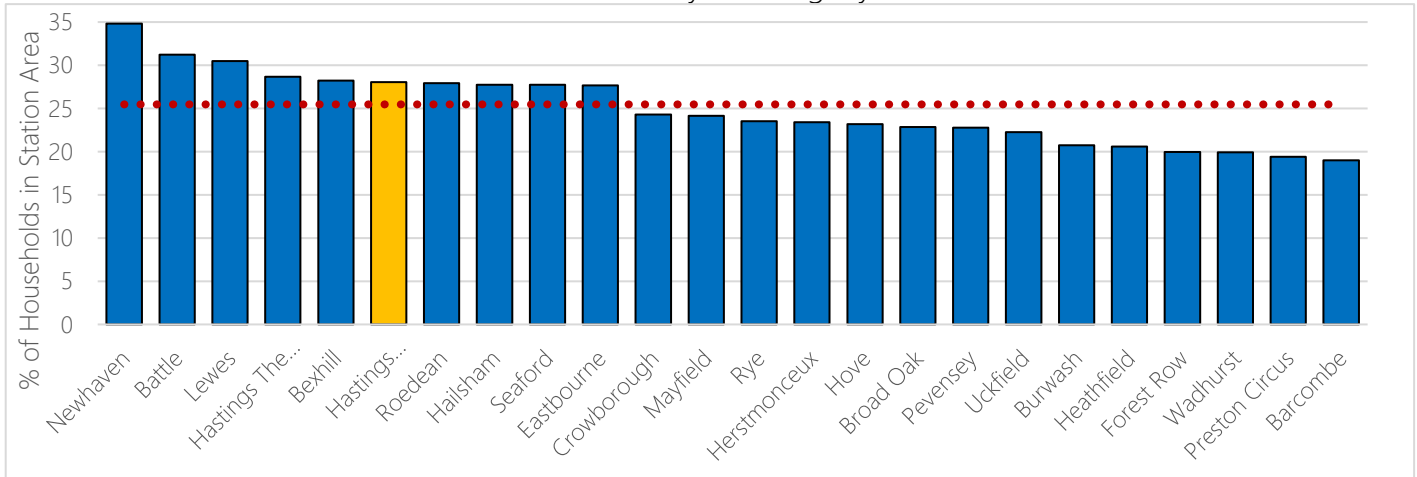
Out of all the incidents attended by FJE76A1, 74% were in its own station ground, 13% in The Ridge, and 8% were in Bexhill. Across all areas to which it was mobilised, on average it did not arrive 12% of the time, however this figure is even lower for incidents in its own ground – only 5% of the time did it not arrive at the incident.



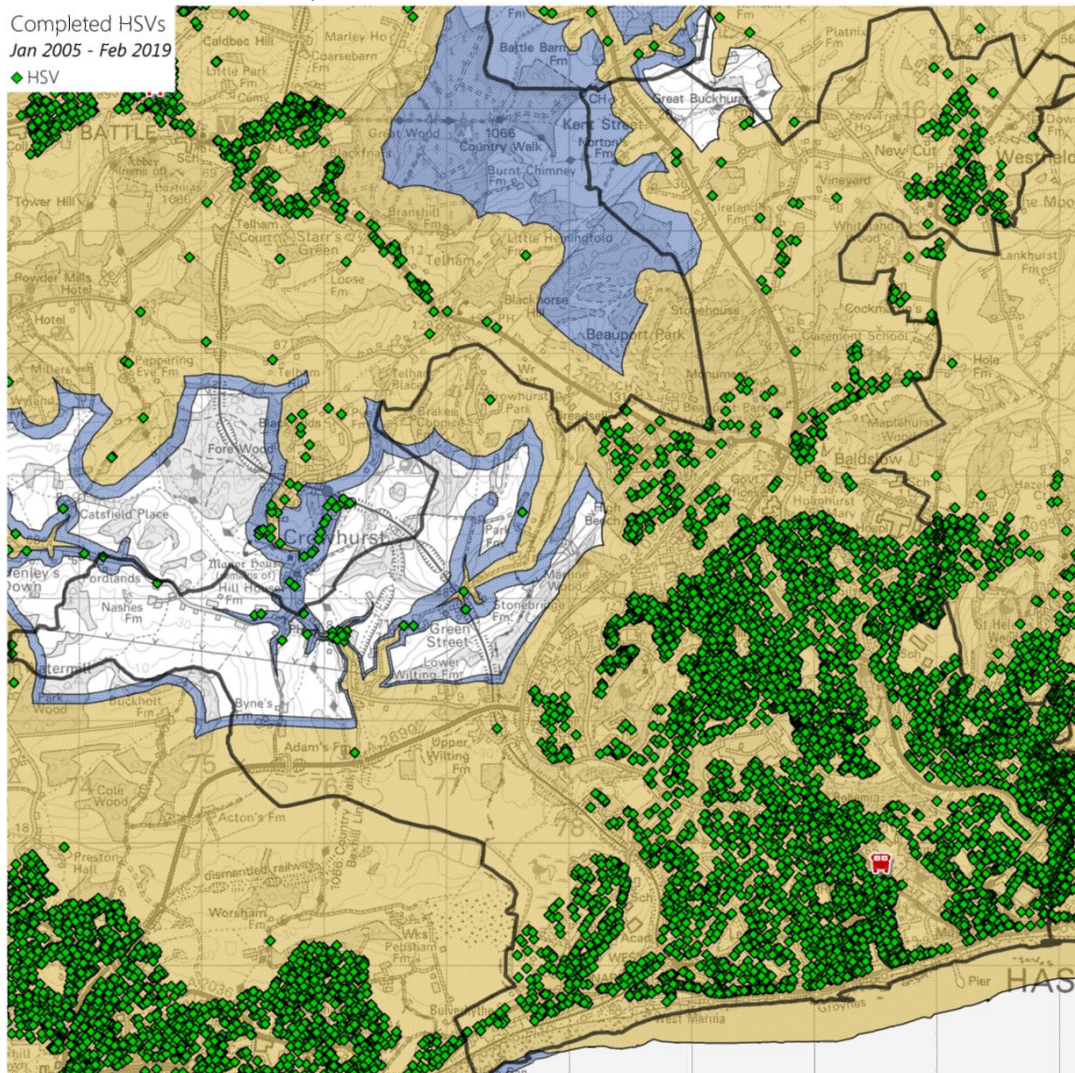
# Prevention – Home Fire Safety

Between January 2005 and February 2019, a total of 7,597 HSVs have been undertaken within Bohemia Road Station Admin area. These figures includes re-visits to the same property over the years. This equates to 3,352 unique households which have had a Home Safety Visit.

Over the last five years (Apr 2013 – Mar 2018), an average of 744 HSVs were undertaken each year – making up approximately 7.7% of all HSVs undertaken across the ESFRS area. 28% of all households in Bohemia Road station area have had a Home Safety Visit; slightly above the ESFRS total of 25.5%.



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



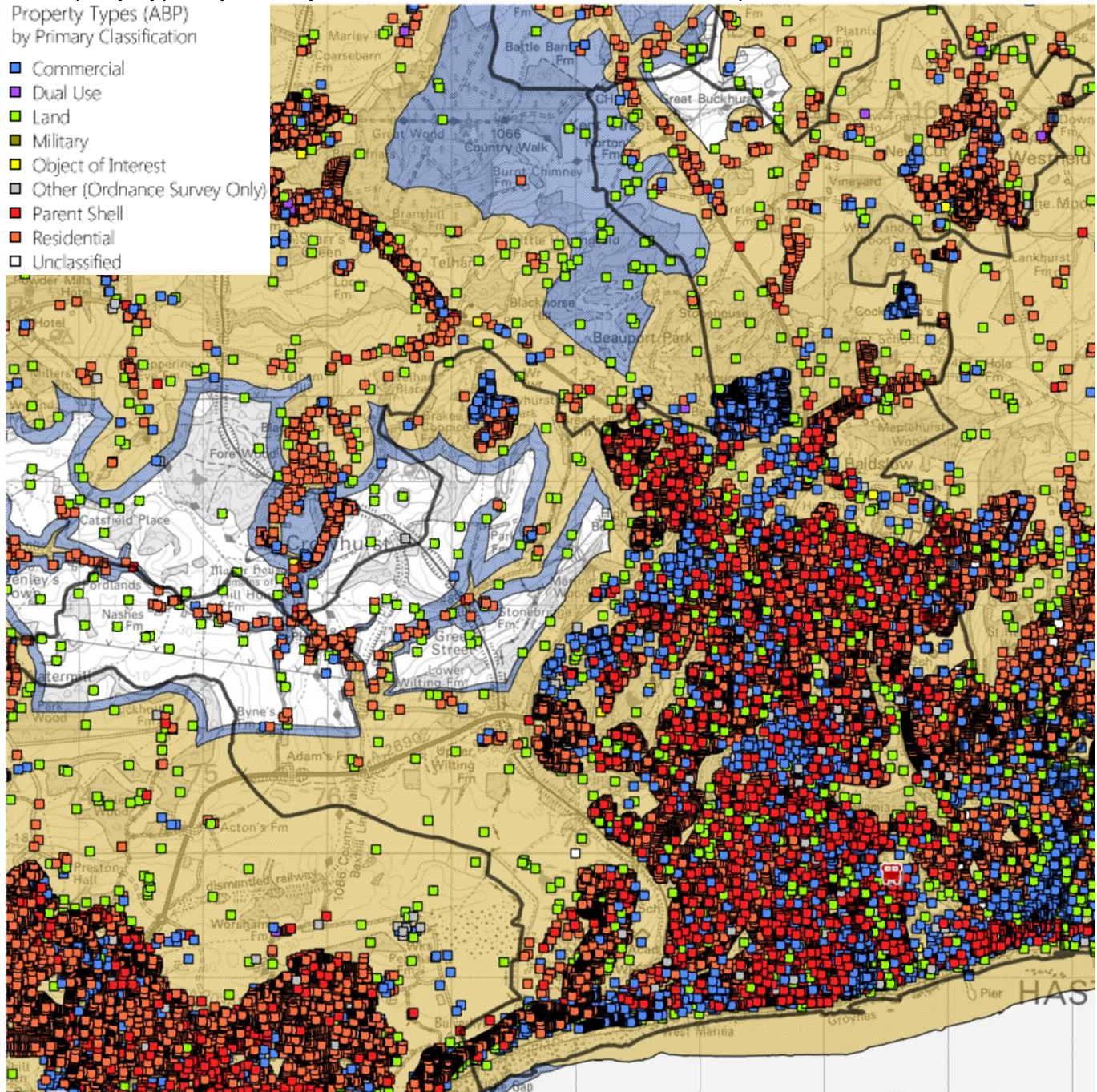




## Protection – Business Safety

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)	%
Hastings Bohemia Rd	4,705	4,695	99.8	4,700	99.9

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

Almost 100% of commercial properties were found to be inside the attendance standards isochrones.

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

Hospital	Care Home	Hostel	Hotel
6	61	0	19

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 Bohemia Rd Station area. An average of 51 Business Safety Audits are completed per year, which makes up approximately 9.5% of audits undertaken by ESFRS each year. 22% were on completed on care homes, 14% to Hotels, 12% to licensed premises and 10% to shops.

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

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

Property Type	Hastings Bohemia Rd	ESFRS
A - Hospitals & Prisons	27 (4%)	180 (2.4%)
B - Care Home	146 (21.6%)	1,595 (21.4%)
D - Purpose Built Flats > 3 Stories	48 (7.1%)	398 (5.4%)
E - Hostel	25 (3.7%)	139 (1.9%)
F - Hotel	92 (13.6%)	1,379 (18.5%)
G - House Converted to Flats	57 (8.4%)	240 (3.2%)
H - Other Sleeping Accom.	27 (4%)	1,009 (13.6%)
J - Further Education	0 (0%)	31 (0.4%)
K - Public Building	1 (0.1%)	25 (0.3%)
L - Licensed Premises	82 (12.1%)	890 (12%)
M - School	11 (1.6%)	148 (2%)
N - Shop	65 (9.6%)	562 (7.6%)
P - Other Public Premises	17 (2.5%)	231 (3.1%)
R - Factory/Warehouse	28 (4.1%)	147 (2%)
S - Office	29 (4.3%)	216 (2.9%)
T - Other Workplace	1 (0.1%)	87 (1.2%)
W - Land & Sea	4 (0.6%)	16 (0.2%)
Z - Single Private Dwelling	16 (2.4%)	143 (1.9%)
<b>Total</b>	<b>676</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	%
Hastings Bohemia Rd	88	63	24	37	45	257	51	9.5



# Developments

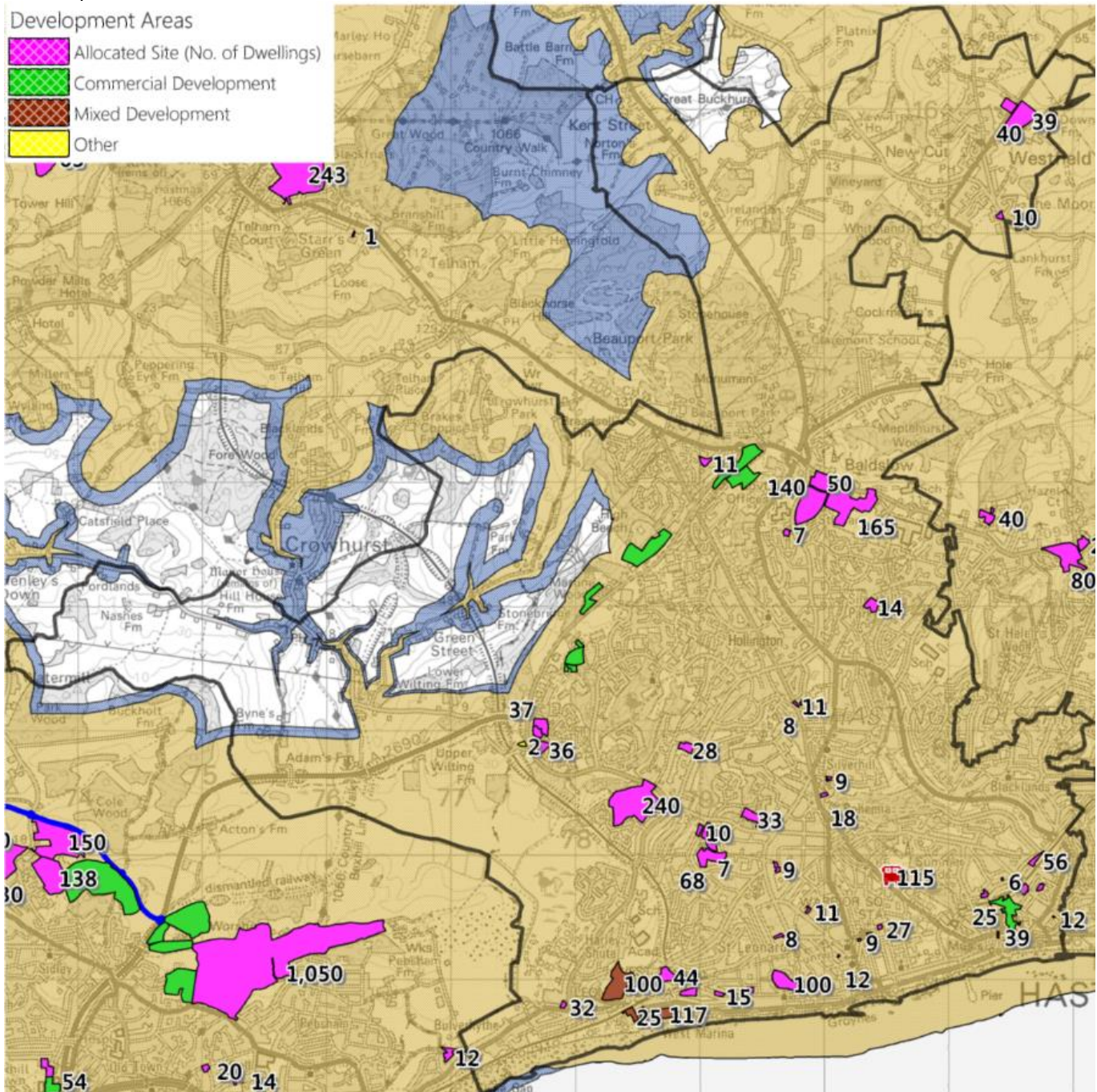
## Residential

Details of residential development site allocations have been provided from the local planning offices and are shown on the map below. It can be seen that there are 57 allocated sites with a total of 1,966 dwellings across these areas. These fall within the attendance standards isochrones.

## Commercial

Details of commercial developments have been supplied from the local planning offices which are shown on the map below. It can be seen that there are 9 commercial development areas, all of which are situated within the attendance standard isochrones and which have a combined floorspace of approximately 58,500sqm.

### 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 Bohemia Rd Station area, broken down by Road type. There is approximately 243km of Road within Bohemia Rd station area, 11% of which are A Roads, which is similar to the ESFRS average. 6% are Classified unnumbered, much fewer than the service average of 14%.

Road Type	Hastings Bohemia Rd	ESFRS
A Road	28km (11%)	521km (10%)
B Road	11km (4%)	302km (6%)
Classified Unnumbered	15km (6%)	759km (14%)
<b>Total Classified Roads</b>	<b>54km (22%)</b>	<b>3,779km (30%)</b>
Not Classified/Unclassified	189km (78%)	1,582km (70%)
<b>Total All Road Types</b>	<b>243km (100%)</b>	<b>5,361km (100%)</b>

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.

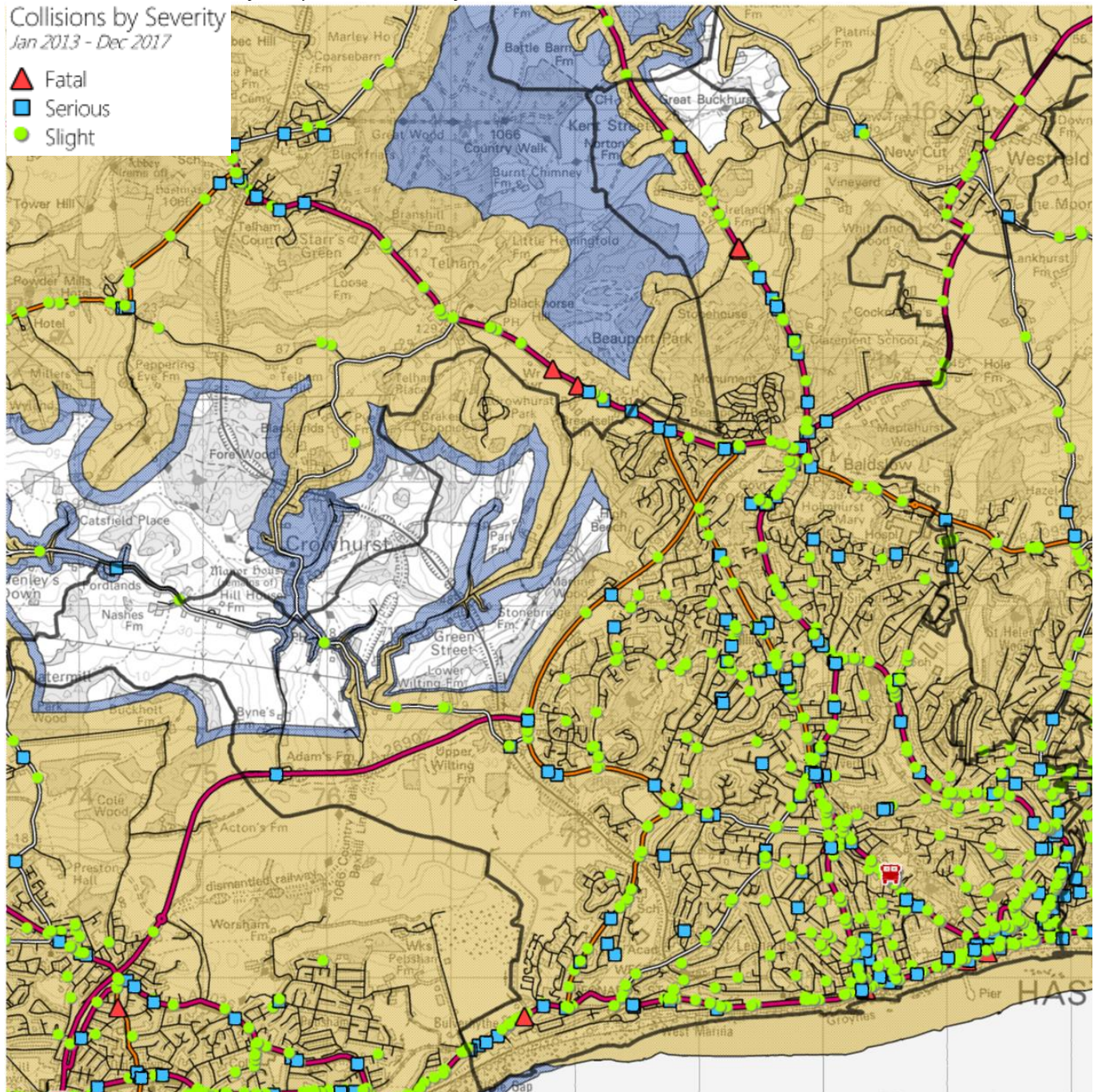
There are, on average, 176 KSI collisions per year in Bohemia Rd station area. 21% of collisions result in serious or fatal injuries and this proportion is 1% lower than ESFRS overall.

Out of the 879 collisions, there was 1 slight that sat outside of the attendance standards isochrones. The SSRP data did not contain the time of the collision.

Collision Severity	Hastings Bohemia Rd	ESFRS
Fatal	9 (1%)	112 (1.1%)
Serious	172 (19.6%)	2,235 (21%)
Slight	698 (79.4%)	8,307 (78%)
<b>Total</b>	<b>879</b>	<b>10,654</b>
<b>Ave. per Year</b>	<b>176</b>	<b>2,131</b>

The following map shows RTCs in Bohemia Rd 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)



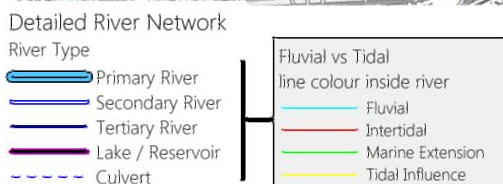
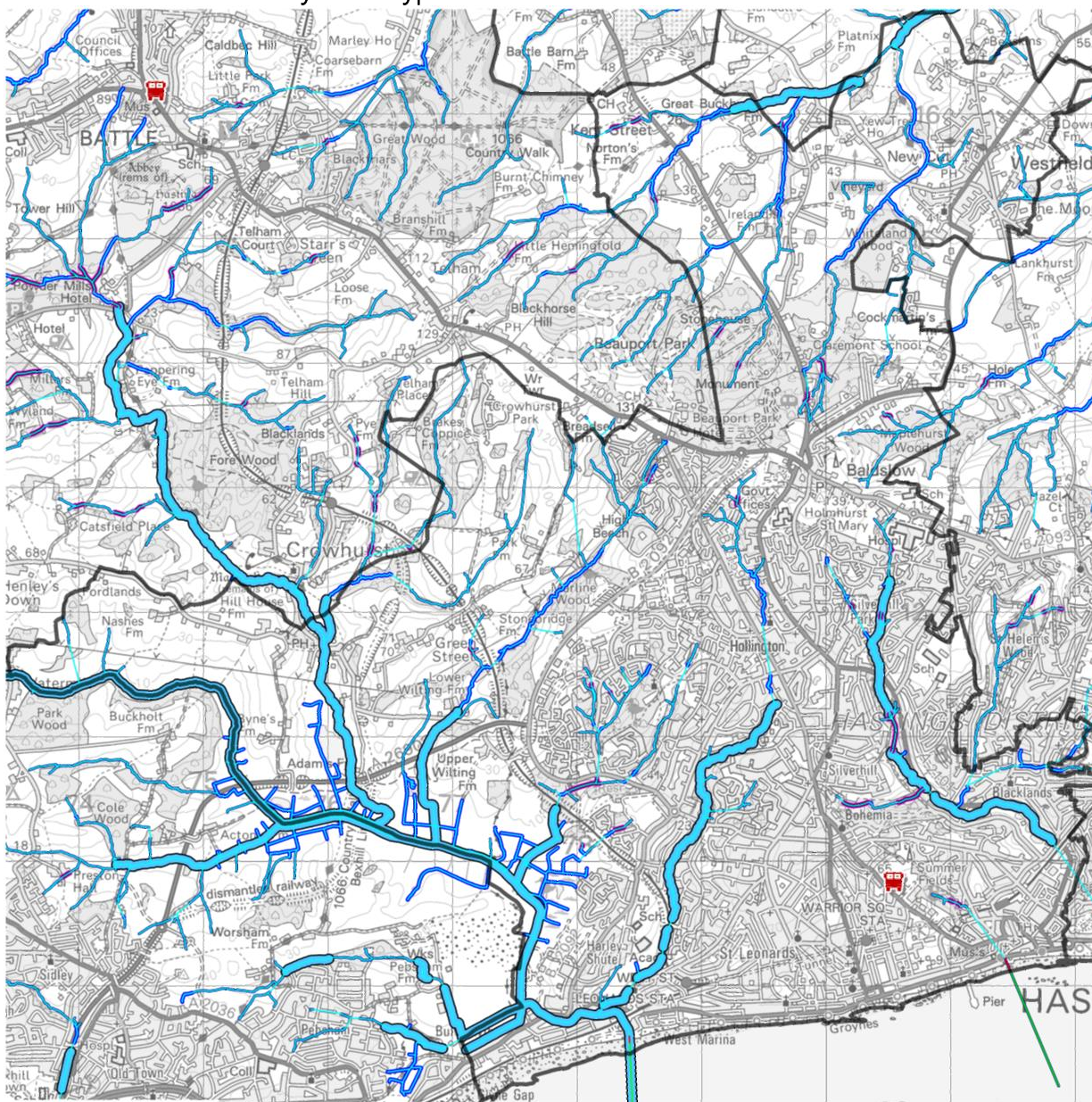


# Water Risk

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



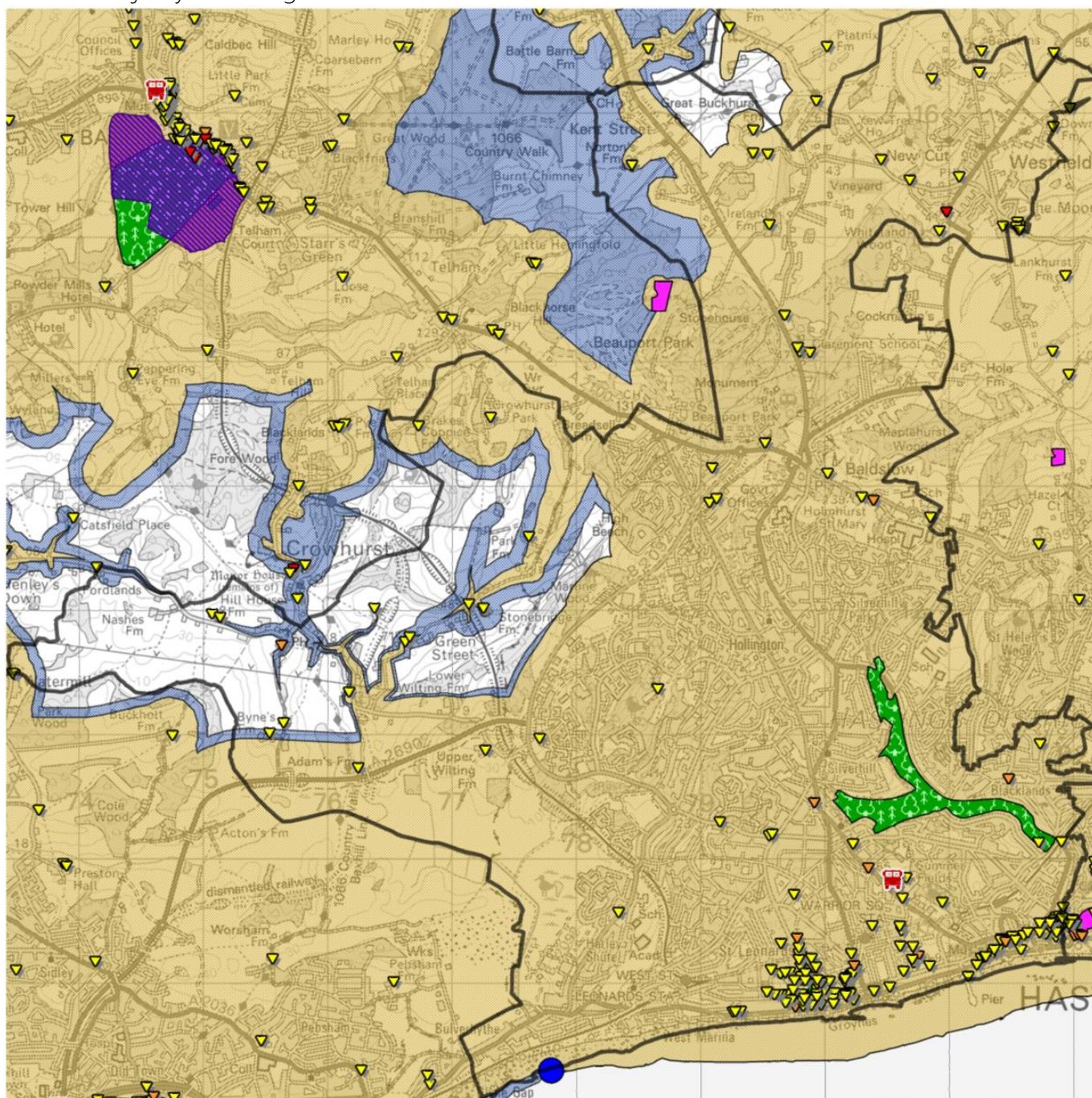
The table below shows the total length of rivers by type and whether the river is fluvial or tidal. It can be seen that there are 79km of rivers within the Bohemia Rd station area, which makes up approximately 2% of all rivers across the ESFRs area. This ranks Bohemia Rd station area as 18 out of the 24 station areas, only Eastbourne, Seaford and Newhaven have fewer rivers/length of rivers.

Bohemia Rd station area covers 4.9km coastline, that includes St Leonards and Hastings Seafront, a tradition British seaside resort with a pier and other attractions. There is also a beach launched fishing fleet in the town.

River Type	Fluvial vs Tidal	Hastings Bohemia Rd River Length (km)	%	ESFRS River Length	%
Primary River	Fluvial	14.50	18.3	613.07	15.6
Primary River	Intertidal	0.06	0.1	2.02	0.1
Primary River	Marine Extension	1.00	1.3	6.25	0.2
Primary River	Tidal Influence	0.00	0.0	41.19	1.0
<i>Total Primary</i>		<i>15.55</i>	<i>19.6</i>	<i>662.53</i>	<i>16.9</i>
Secondary River	Fluvial	19.18	24.1	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>19.18</i>	<i>24.1</i>	<i>1,130.62</i>	<i>28.8</i>
Tertiary River	Fluvial	34.71	43.7	1,899.39	48.4
Tertiary River	Intertidal	0.11	0.1	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>34.82</i>	<i>43.8</i>	<i>1,908.22</i>	<i>48.6</i>
Lake / Reservoir	Fluvial	2.05	2.6	111.25	2.8
Culvert	Fluvial	7.81	9.8	111.24	2.8
<i>Total Fluvial</i>		<i>78.24</i>	<i>98.5</i>	<i>3,864.01</i>	<i>98.5</i>
<i>Total Intertidal</i>		<i>0.17</i>	<i>0.2</i>	<i>4.97</i>	<i>0.1</i>
<i>Total Marine Extension</i>		<i>1.00</i>	<i>1.3</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>79</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	1	1	100.0	1	100.0
II*	12	11	91.7	12	100.0
II	194	187	96.4	190	97.9
<b>Total</b>	<b>207</b>	<b>199</b>	<b>96.1</b>	<b>203</b>	<b>98.1</b>





# Environmental Risk

The following map shows a breakdown of various environmental risks across Bohemia Rd 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, 52 incidents per year in Bohemia Road station area classified as "special service – flooding". This equates to 5% of all incidents in Bohemia Rd and is slightly higher than the ESFRS proportion of 4.2% per year.

There are 7 Sites of Special Scientific Interest (SSSIs) in Bohemia Rd station area, 2 of which are outside the day-time attendance standards isochrone, 1 of these is also outside the night-time isochrone.



### 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

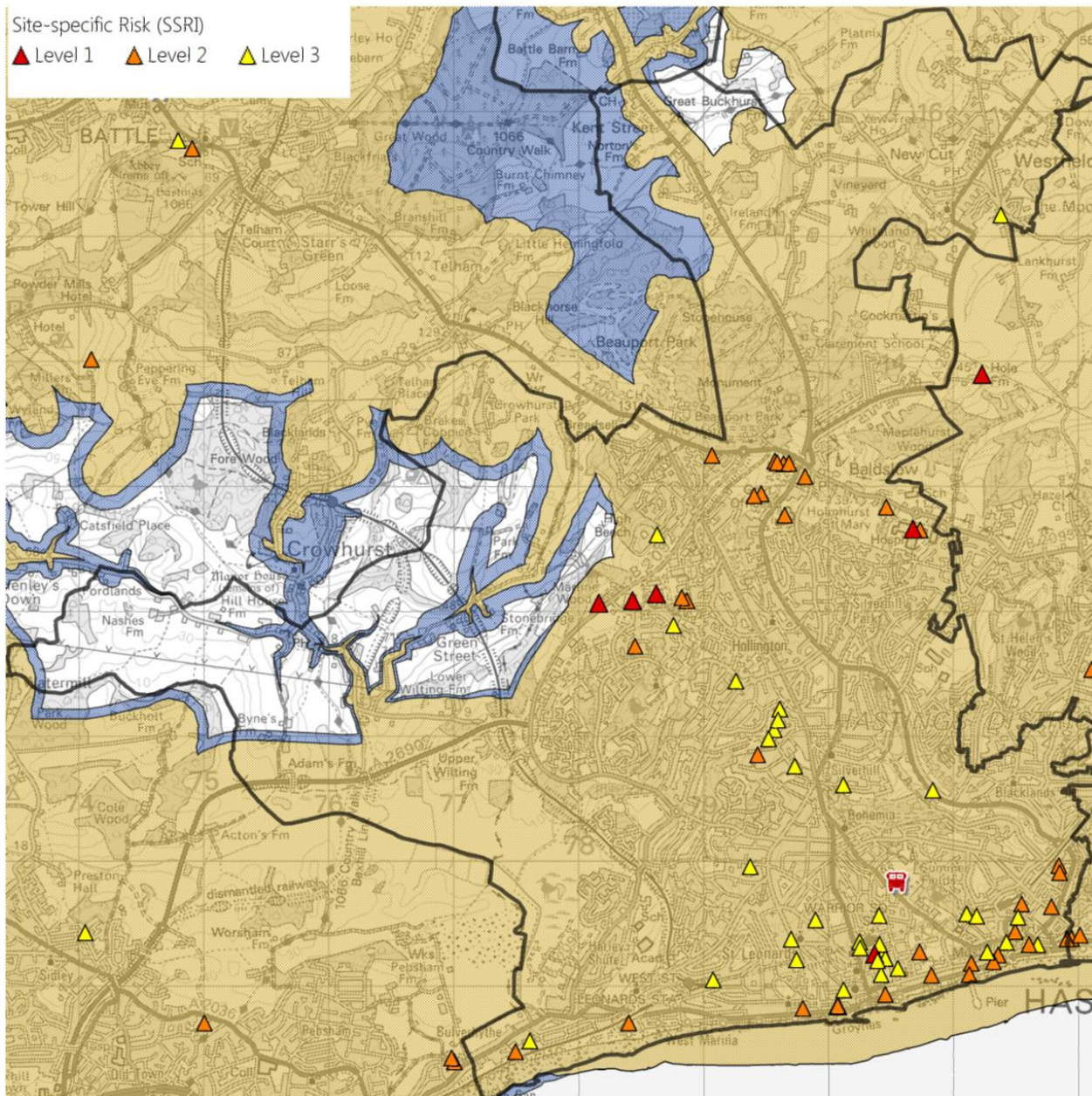
## Special Risk (Operational Risk)

### Site-Specific Risk Information (SSRI)

There are a total of 75 SSRIs (Levels 1-3) within the Bohemia Road Station Admin area, 6 of which are Level 1, as shown in the table below. Only Eastbourne, Roedean, Hove and Preston Circus have a higher total of SSRIs in their station ground. Bohemia road and Preston Circus both have the most level 2 SSRIs in their ground, with 35.

SSRI Risk	Hastings Bohemia Rd	ESFRS
Level 1	6 (8.0%)	25 (3.1%)
Level 2	35 (46.7%)	294 (36.3%)
Level 3	34 (45.3%)	461 (56.9%)
<b>Total</b>	<b>75</b>	<b>810</b>

The map below shows the location of these SSRIs. The majority of the SSRIs are located towards the south / south east, near the town centre. There is a cluster of level 1 SSRIs around the Hayland Industrial park near Hollington, and another industrial estate along the western side of The Ridge with many level 2 SSRIs. The conquest hospital is also located in the east of the station ground.



### High-Rise Risk

There are 29 rise premises in Bohemia Rd station area (properties  $\geq 6$  floors), representing 10% of all the high rises in ESFRS service area.

### Special Risk

There is one lower tier COMAH site located in Bohemia Road station area, this is located in St Leonards.

### Over border risks

Station area does not intersect other FRS boundary

