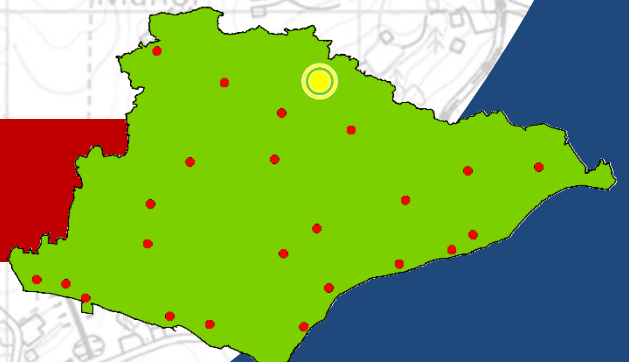




Wadhurst



Station Risk Profile



Contents

Wadhurst Station Area – Headline Summary	3
Overview	6
Population Demographics	7
Household Demographics	10
Census 2011 Household Breakdown.....	10
Mosaic Public Sector Household Breakdown	11
Incidents.....	15
Incidents occurring within Wadhurst Station Area	15
Incidents to which Wadhurst appliance(s) were mobilised	30
OTB attendances into Wadhurst (where ESFRS did not attend).....	35
Standby cover moves.....	36
Special Appliances.....	37
Prevention – Home Fire Safety	38
Protection – Business Safety	39
Developments	41
Residential	41
Commercial.....	41
Road Risk	42
Water Risk.....	44
Heritage Risk.....	46
Environmental Risk	47
Special Risk (Operational Risk)	48
Site-Specific Risk Information (SSRI)	48
High-Rise Risk.....	48
Special Risk.....	48
Over border risks	48

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Wadhurst Station Area – Headline Summary



- Wadhurst station area covers approximately **83 sq. km.**
- Area is predominately rural and remote.
- Wadhurst is small market town, area contains other small villages.
- Operational cover provided by on-call fire firefighters crewing one pumping appliance and a Landrover.



- **9,634** residents within Wadhurst station area.
- A net decrease of **10** since 2011 (one of only two station areas to have population decrease, Herstmonceux decrease by 165).
- Low population density.
- Population generally older than rest of ESFRS.
- Proportionally more children than rest of ESFRS.
- General health is good compared to ESFRS average.



- **99%** of households are within attendance standards.
- **48%** below average fire risk (socio-demographic).
- Half of households have 2 or more spare bedrooms.
- Lower proportion of rented accommodation than ESFRS average.
- Low levels of deprivation in area.
- Predominant Mosaic household types have **25-55%** fewer fires.

Station area



- Incidents have decreased by **40%** since 2009 although last 3 years they have been rising.
- There are **89** incidents per year within Wadhurst station area; **7th** busiest on-call area.
- **56%** during the day.
- **92%** of incidents inside attendance standards isochrones.
- Proportionally more chimney fires and RTCs in area, and fewer False Alarms and dwelling fires compared to ESFRS average.
- **7** critical life-risk incidents per year. Downward trend.
- **41%** critical incidents during day.
- **1.41** casualties for every critical incident, higher than ESFRS.
- **3rd** highest on-call area for fire injuries.
- Attendance times, on average, slightly slower than other on-call station areas.
- **4:48** minute delay between 1st & 2nd appliance – **4** minutes quicker than other on-call areas for dwelling fire attendances.

- 75% of incidents are attended by a single appliance.
- 25% of 2nd pump attendances were by 74P1, 15% 78P5, 13% OTB.
- 1 level 3 incident within last 9 years of review period.

Station appliance(s)

78P5

- Turn-out time is **04:26**, 2 minute increase from 2009-2018.
- **73%** reduction in mobilisations, 3rd highest reduction in ESFRS.
- Mobilises **81** times per year – **63%** in own area, **13%** in Burwash, **9%** in Crowborough area, **8%** OTB.
- Attends **8%** fewer false alarms than ESFRS.
- Mobilises to **9** critical incidents per year – **39%** in own area, **26%** in Crowborough, **22%** in Burwash area, **2%** OTB.
- Attendance standard met **81%** of the time (**77%** critical).
- Availability reduced significantly from 2009-18, **52%** availability in 2017/18.
- Kent FRS solely attended **32** incidents from 2009-2019, accounting for **4%** of all incidents in station area.

78M1

- **90%** reduction in mobilisations over 9 years.
- **55%** in own area, **9%** Crowborough, **9%** Burwash, **9%** OTB.
- **31%** of mobilisations didn't arrive at incident.

Standby moves

- **13** cover moves per year – **50%** in Uckfield, **46%** in Crowborough.



- **266** Home Safety Visits to unique properties undertaken.
- Approximately **26%** of all households have had a HSV.



- **92%** of commercial properties are inside attendance standards.
- **2** Business Safety Audits per year, most to care homes and hotels.
- **1** Hospital, **5** Care Homes & **2** Hotels in area.



- Very low residential growth (**189** dwellings).
- All developments just within attendance standard isochrones.



- **19** KSI collisions per year. Proportion of serious/fatal collisions **13%** higher than ESFRS average.
- All serious/slight collisions within attendance standards isochrones.



- Largest inland body of water in south east England – Bewl Water
- **177km** of rivers (**4.5%** of ESFRS Rivers). Ranks **12th** out of **24** areas.
- Most KM of lakes/reservoirs in ESFRS.



- **333** listed buildings, **96%** in attendance standard isochrones.
- Pashley Manor and Bayham Abbey (both Grade I) outside.



- No SSSI sites.
- Woodland throughout area.
- Station area sits within High Weald AONB.



- **5** SSRIs, No Level 1 SSRIs.
- No COMAH sites.
- Large reservoir in north east of station area- Bewl Water.
- No high-rise properties within area.
- Proximity to Tunbridge Wells and Bedgebury Forest (OTB in Kent).



Overview

Wadhurst Station Area covers is a rural area of approximately 83 square kilometres and the north borders Kent. The majority of the population live in and around the town of Wadhurst, where the fire station is located. Other settlements include the villages of Ticehurst, Frant and Flimwell. The station area is located within the High Weald Area of Outstanding Natural Beauty.

The Fire Station is located within the centre of the town of Wadhurst itself. Wadhurst is a small historic market town located 2.4km south west of the Kent Border where the B2100 and B2099 intersect, Wadhurst parish covers an area of 15.5 square miles and encompasses several outlying communities.

2km east of Wadhurst town and bordering Kent is Bewl Water, a reservoir that was built in the 1970s to increase water supply that covers an 800 acre site. It is the largest body of inland water in south east England. Many leisure activities also take place on the reservoir, including sailing, windsurfing, rowing, canoeing and fishing.

Station Resources

Wadhurst Community Fire Station is an on-call fire station which has one pumping appliance and one Landrover.

Maxi-Cab Rescue Pump

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.

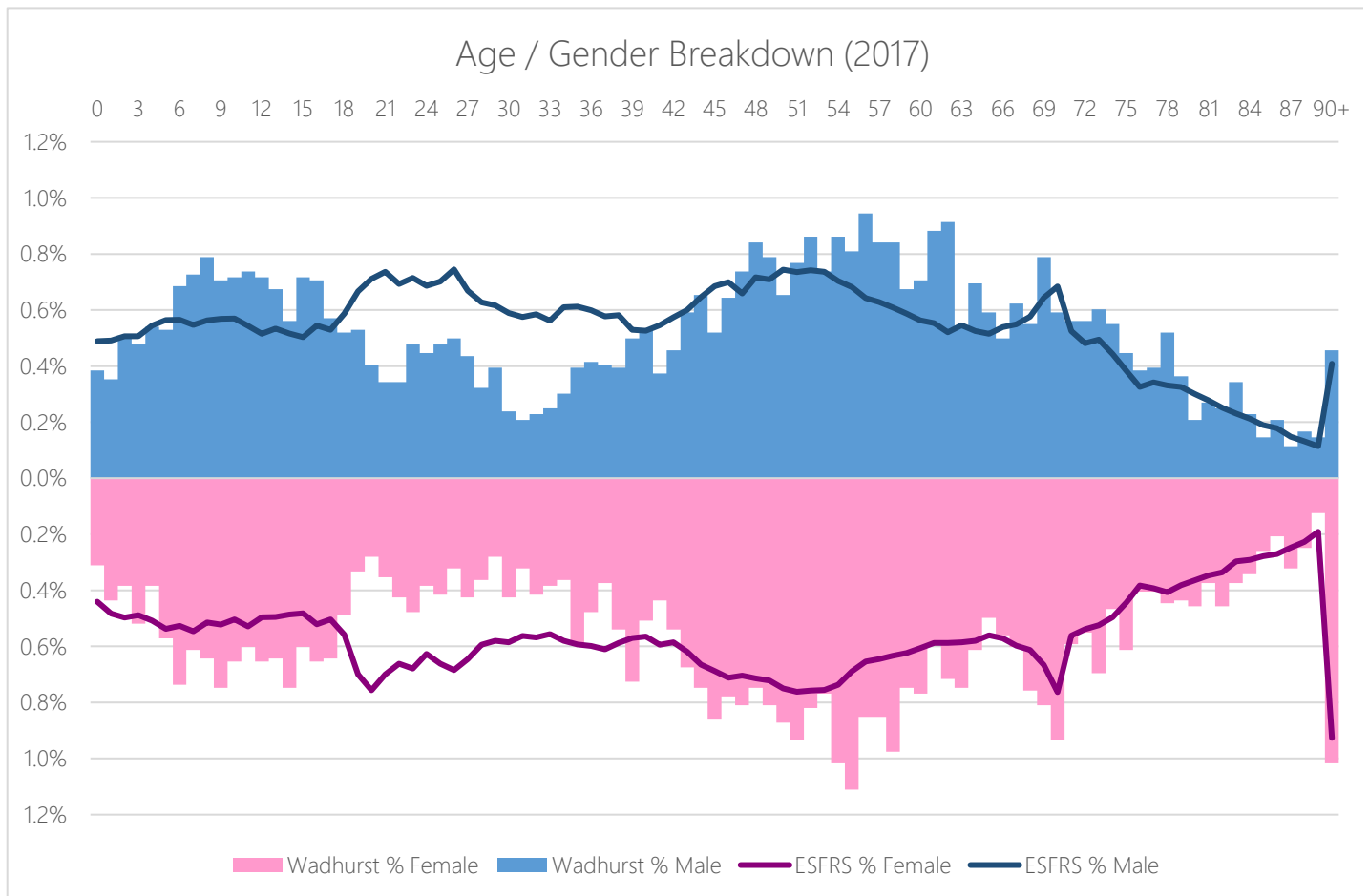


Population Demographics

The population in Wadhurst is generally older than the ESFRS average, however there are proportionally more children (0-17yrs) than the rest of the service.

The largest difference is that Wadhurst (6%) has proportionally fewer 18-24yrs compared to the ESFRS average (10%). This is also the case for 25-49yrs, with 25% in Wadhurst compared to 31% service wide.

Wadhurst has proportionally more persons aged over 50, particularly 50-64yrs with 24% in Wadhurst compared to 20% for ESFRS.



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
Wadhurst	1,064 (11%)	1,021 (10.6%)	559 (5.8%)	2,402 (24.9%)	2,323 (24.1%)	1,618 (16.8%)	505 (5.2%)	142 (1.5%)	9,634
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 Wadhurst 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 99% of 65+ year olds are within the attendance standard isochrones, day or night. This ranks Wadhurst 9th out of the 24 stations (or 2nd 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 Wadhurst Station Area

	Station Admin Area	No. of persons	% in Att. Std. Isochrone (Day)	% in Att. Std. Isochrone (Night)
65+ Yrs	Wadhurst	2,305	99.1	99.1
	ESFRS	179,534	96.5	97.2
80+Yrs	Wadhurst	665	99.5	99.5
	ESFRS	51,372	96.8	97.4

Wadhurst has a much lower population density compared with the rest of the service, with 1.2 persons per hectare compared to the ESFRS average of 4.7. Wadhurst is ranked (*out of 24*) as the 17th most densely populated station area in the service area. The area's population decreased by approx. 10 persons from 2011-2017, based on the 2011 census and 2017 estimates (the only other station area to see a population decrease is Herstmonceux, with 165 fewer people).

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
8,105	9,644	9,634	1.2	1.2	0.0	17	4.5	4.7

The general health in Wadhurst can be seen as good compared to the rest of ESFRS, especially as there are fewer persons aged 18-40.

54% of the population in Wadhurst are identified as having 'very good health', compared to 45% for ESFRS. There are also proportionally fewer people with bad health (2.8% in Wadhurst compared to 4.3% for ESFRS), and very bad health (0.7% in Wadhurst compared to 1.3% service wide).

General Health - Persons (2011) - % Within Area						
	Very good health	Good health	Fair health	Bad health	Very bad health	Total
Wadhurst	5,231 (54.2%)	3,077 (31.9%)	1,003 (10.4%)	269 (2.8%)	64 (0.7%)	9,644
ESFRS	365,370 (45.7%)	279,665 (35%)	110,093 (13.8%)	34,749 (4.3%)	10,163 (1.3%)	800,040

The proportion of people in Wadhurst whose day-to-day activities are limited is lower than that of ESFRS, 86% of the Wadhurst population are 'not limited', compared to 81% as the service average. Furthermore 3% fewer identify as being limited a lot, and 2% fewer are limited a little.

	Day-to-day activities limited - Persons (2011) - % Within Area			
	Limited a lot	Limited a little	Not limited	Total
Wadhurst	531 (5.5%)	805 (8.3%)	8,308 (86.1%)	9,644
ESFRS	68,688 (8.6%)	83,026 (10.4%)	648,326 (81%)	800,040

The economic activity of Wadhurst is similar to the rest of ESFRS, however there are some differences. There is a slightly lower proportion of employees (part and full time) in Wadhurst compared to the ESFRS average, and slightly higher proportions of self-employed persons. There are also lower proportions of unemployed in Wadhurst (2.2%) compared to the ESFRS average (3.6%). The biggest difference is the proportion of persons who are long term sick/disabled, with half as many in Wadhurst (2%) as in ESFRS (4%). Another large difference is that there are proportionally more persons looking after home/family (6% in Wadhurst, compared to 4% for ESFRS).

Economic Activity - All usual residents aged 16 to 74 (2011)			Wadhurst	ESFRS
Economically active	Part-time	Employee	926 (13.7%)	82,644 (14.1%)
		Self-employed without employees	376 (5.5%)	22,199 (3.8%)
		Self-employed with employees	43 (0.6%)	2,591 (0.4%)
	Full-time	Employee	2,203 (32.5%)	201,532 (34.4%)
		Self-employed without employees	592 (8.7%)	40,181 (6.9%)
		Self-employed with employees	268 (4%)	12,514 (2.1%)
		Un-employed	149 (2.2%)	21,321 (3.6%)
	Full-time student	158 (2.3%)	22,823 (3.9%)	
Economically inactive		Retired	1,053 (15.5%)	86,361 (14.8%)
		Student (including full-time students)	323 (4.8%)	35,446 (6.1%)
		Looking after home or family	417 (6.2%)	22,914 (3.9%)
		Long-term sick or disabled	144 (2.1%)	24,201 (4.1%)
		Other	125 (1.8%)	10,583 (1.8%)
Total			6,777	585,310



Household Demographics

Census 2011 Household Breakdown

There are proportionally more detached houses/bungalows in Wadhurst (43%), compared to the service average (25%). This is also the case for semi-detached houses/bungalows (30% in Wadhurst vs 23% for ESFRS). There is a lower proportion of purpose built flats (7% in Wadhurst vs 19% for ESFRS), and converted flats (2% in Wadhurst vs 11% in ESFRS).

	Households (2011) by Type (% Within Area)								Total
	Unshared Dwelling							Shared Dwelling	
	Detached House / Bungalow	Semi-detached House / Bungalow	Terraced House / Bungalow	Flat - Purpose Built	Flat - Converted	Flat - commercial building	Caravan / other temporary structure		
Wadhurst	1,668 (42.8%)	1,171 (30%)	662 (17%)	261 (6.7%)	85 (2.2%)	44 (1.1%)	9 (0.2%)	0 (0%)	3,900
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

Wadhurst has similar levels of lone pensioners as the rest of the service, however there are 1% fewer lone parent households (5.5% in Wadhurst, 6.5% ESFRS). There are no all full time student households in Wadhurst station area.

	Household Composition - Households (2011)			
	Lone Pensioner (65+)	All full-time students	Lone parent with dependent children	All Households
Wadhurst	589 (15.1%)	0 (0%)	216 (5.5%)	3,900
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 Wadhurst (39%) than the service area average (33%), there are also proportionally more mortgaged households in Wadhurst (37%) than the ESFRS average (31%). There is about half the proportion of privately rented (private landlord/letting agent) in Wadhurst with 9%, compared to the service average of 20%.

	Household Tenure - Households (2011)								Total
	Owned		Shared ownership	Social rented:		Private rented:		Living rent free	
	Outright	Mortgage or loan		Rented from council	Other	Private landlord or letting agency	Other		
Wadhurst	1,527 (39.2%)	1,426 (36.6%)	34 (0.9%)	200 (5.1%)	229 (5.9%)	366 (9.4%)	39 (1%)	79 (2%)	3,900
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. Wadhurst isn't an overcrowded area, with 1.9% of the households having an occupancy rating of -1 compared to the service average of 3.6%. Furthermore, Wadhurst (0.3%) has a lower proportion of households with an occupancy rating of -2 compared with ESFRS (0.4%). There is a far greater proportion of households with spare rooms in Wadhurst than the service average, 49% of households have an occupancy rating of +2, compared to 30% for ESFRS. 31% have a rating of +1 in Wadhurst, compared to a 34% average for the service area.

	Occupancy Rating (Spare Bedrooms) - Households (2011)					Total
	Under-occupied		Standard	Overcrowded		
	+2 or more	+1	0	-1	-2 or less	
Wadhurst	1,892 (48.5%)	1,214 (31.1%)	712 (18.3%)	75 (1.9%)	7 (0.2%)	3,900
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 4,076 households within Wadhurst station admin area, dispersed across the station area. which are broken down by the 15 summary Mosaic Lifestyle groups.

Mosaic Lifestyle Group	Wadhurst	%	ESFRS	%
A - Country Living	1,878	46.1	30,907	8.5
B - Prestige Positions	645	15.8	27,774	7.6
C - City Prosperity	0	0.0	21,862	6.0
D - Domestic Success	192	4.7	27,215	7.5
E - Suburban Stability	63	1.5	24,684	6.8
F - Senior Security	140	3.4	39,762	10.9
G - Rural Reality	871	21.4	17,553	4.8
H - Aspiring Homemakers	45	1.1	24,898	6.8
I - Urban Cohesion	1	0.0	14,427	4.0
J - Rental Hubs	15	0.4	50,913	14.0
K - Modest Traditions	3	0.1	10,777	3.0
L - Transient Renters	8	0.2	13,853	3.8
M - Family Basics	62	1.5	20,841	5.7
N - Vintage Value	149	3.7	26,701	7.3
O - Municipal Challenge	4	0.1	11,485	3.2
Total	4,076	100	363,652	100

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 Wadhurst Station area are:

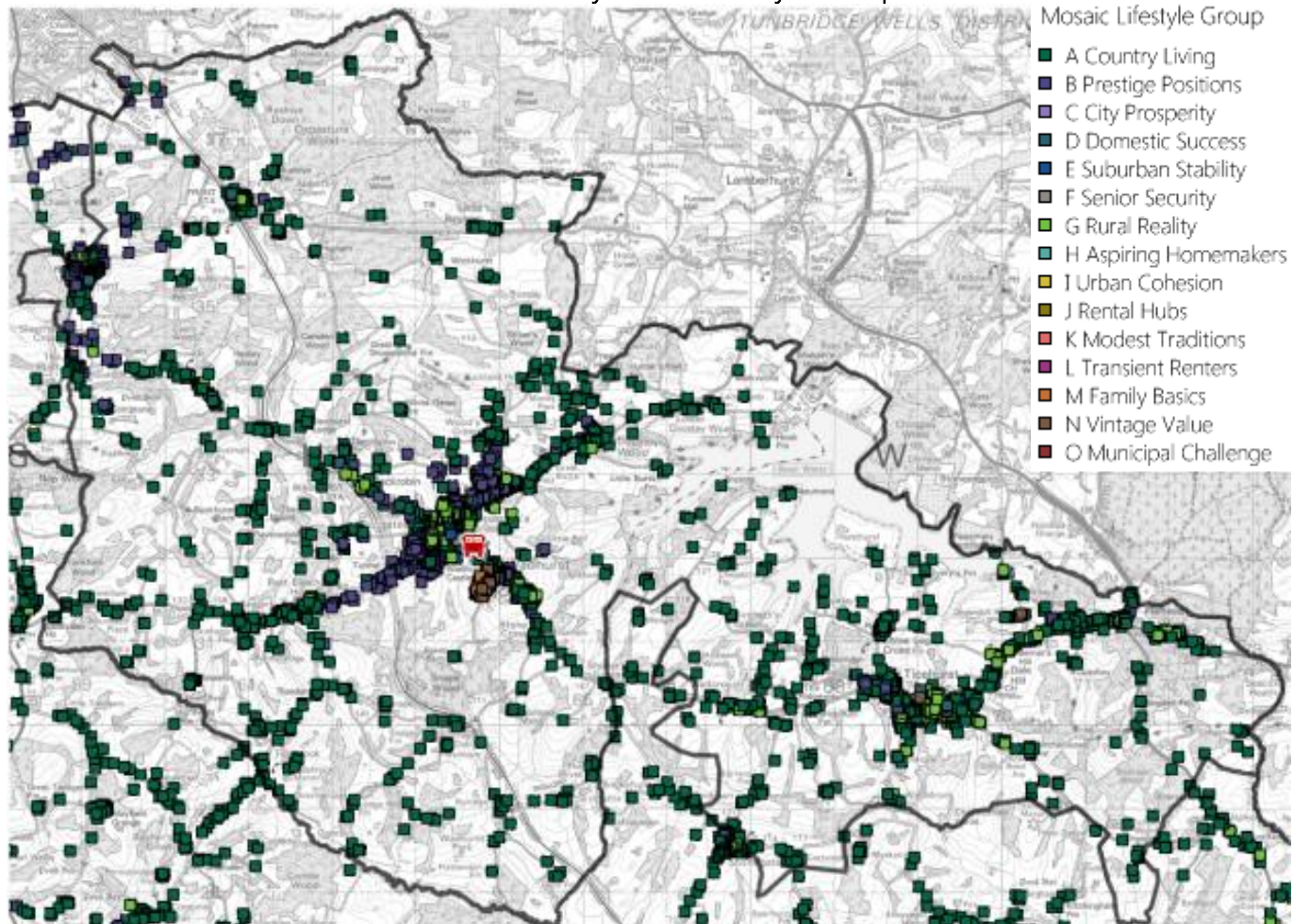
A03 Wealthy Landowners: Prosperous owners of country houses including the rural upper class, successful farmers and second-home owners

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 25-55% fewer dwelling fires than one would expect. The map below shows the dispersal of households across the station area.

Households in Wadhurst Station Admin area by Mosaic Lifestyle Group

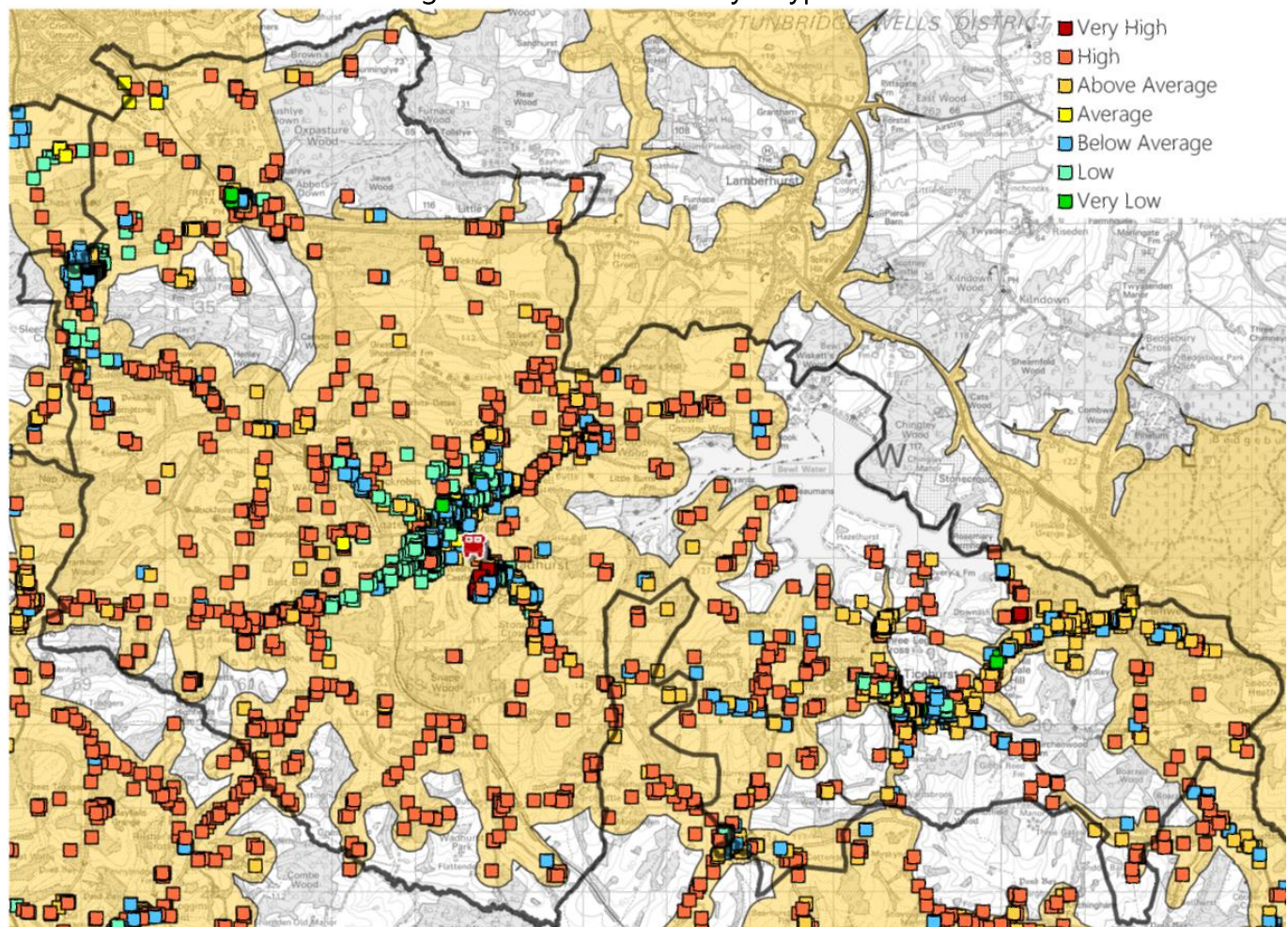


The map below shows the dispersion of mosaic households, classified by their initial fire risk rating, which is based on a combination of the number of fires and propensity to having a fire within each mosaic type. Those that have historically had a higher prevalence of and/or higher likelihood to having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

Station Area	Very High	High	Above Average	Average	Below Average	Low	Very Low	Total
Wadhurst	98	1,093	864	83	1,292	509	137	4,076
Wadhurst (%)	2.4%	26.8%	21.2%	2.0%	31.7%	12.5%	3.4%	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)	%
Wadhurst	98	98	100.0	98	100.0	1,093	1,063	97.3	1,064	97.3

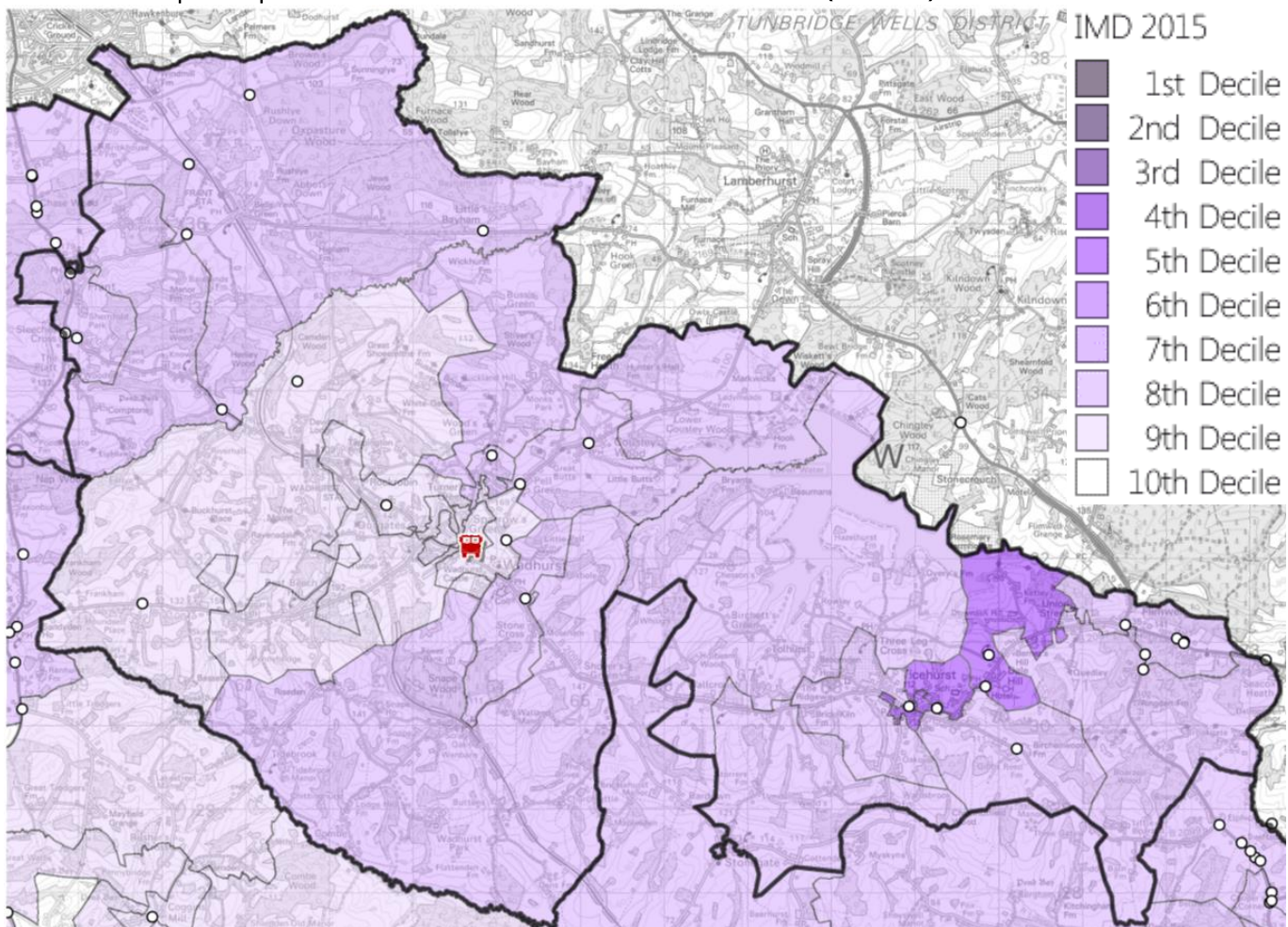
Overall, 99% of households within Wadhurst station area are within ESFRS attendance standards, for both day and night. It can be seen that approximately 48% of households are deemed to represent a below average, low or very low fire risk. The Very High/High risk households represent 29% of households, the majority of which fall within the attendance standards isochrones (29 High risk households fall outside)

Holiday Parks

There are no major holiday parks in Wadhurst station area

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

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



It can be seen that there Wadhurst is not a deprived area, with many neighbourhoods around and to the west of Wadhurst town within the 20% least deprived nationally.



Incidents

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

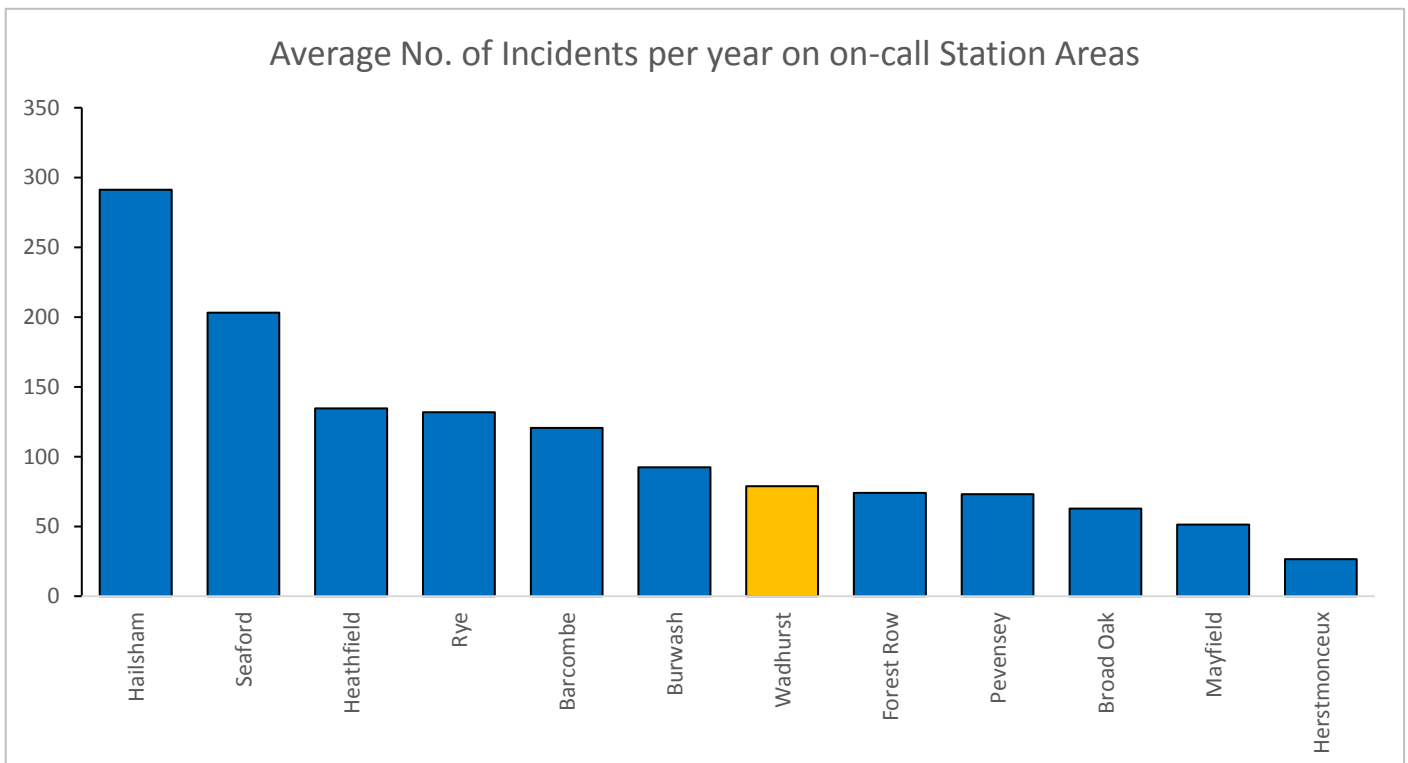
Over 9 years (Apr 2009 – Mar 2018), incidents within Wadhurst station area have decreased by 40%, albeit the last 3 years have seen a slight increase again in the numbers of incidents, as shown below.

No. of Incidents within Wadhurst Station Area per year

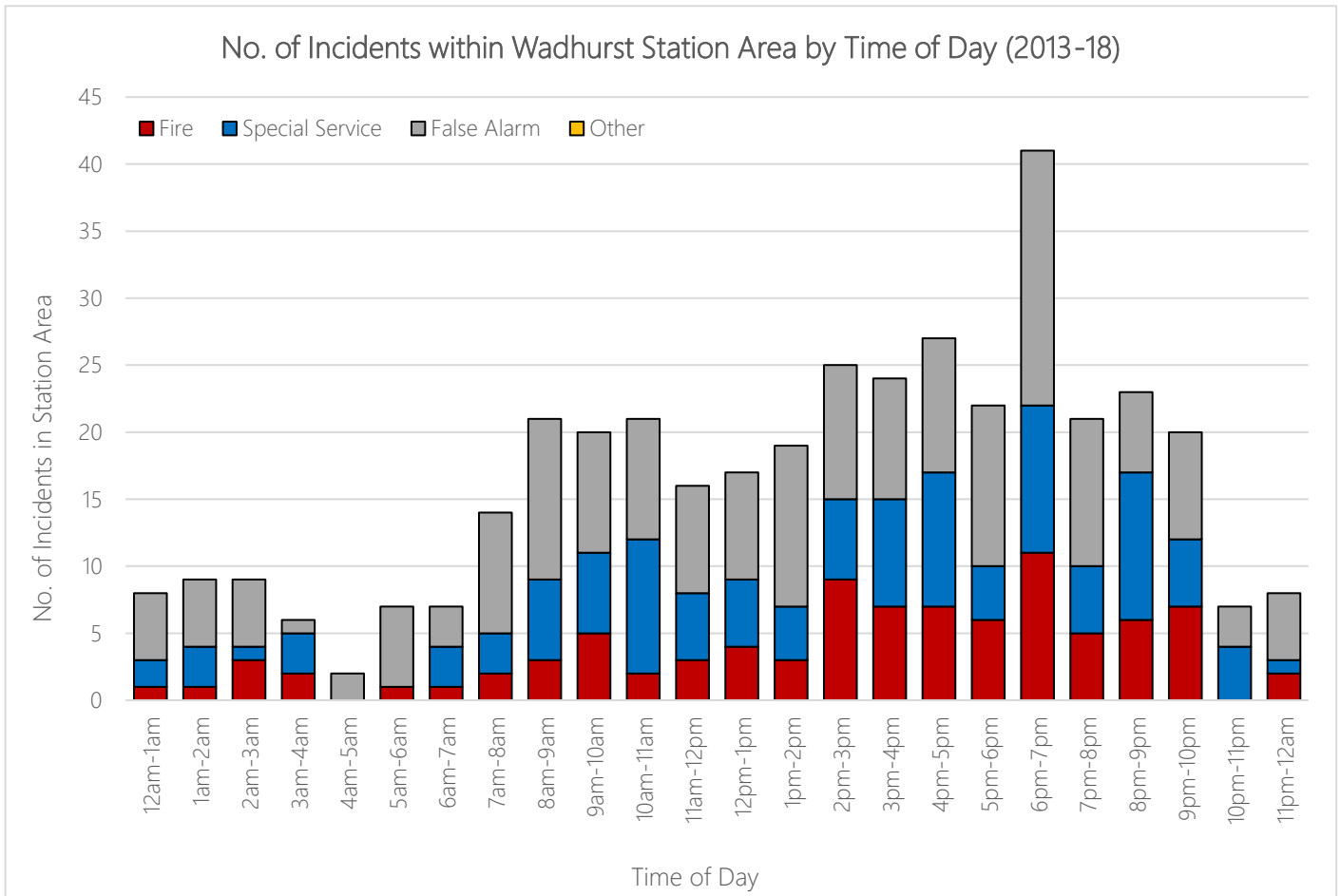
2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	Total
128	113	88	76	88	60	84	85	77	799

Between 2013-18, there were 799 incidents within the Wadhurst station area, which equates to an average of 89 incidents per year.

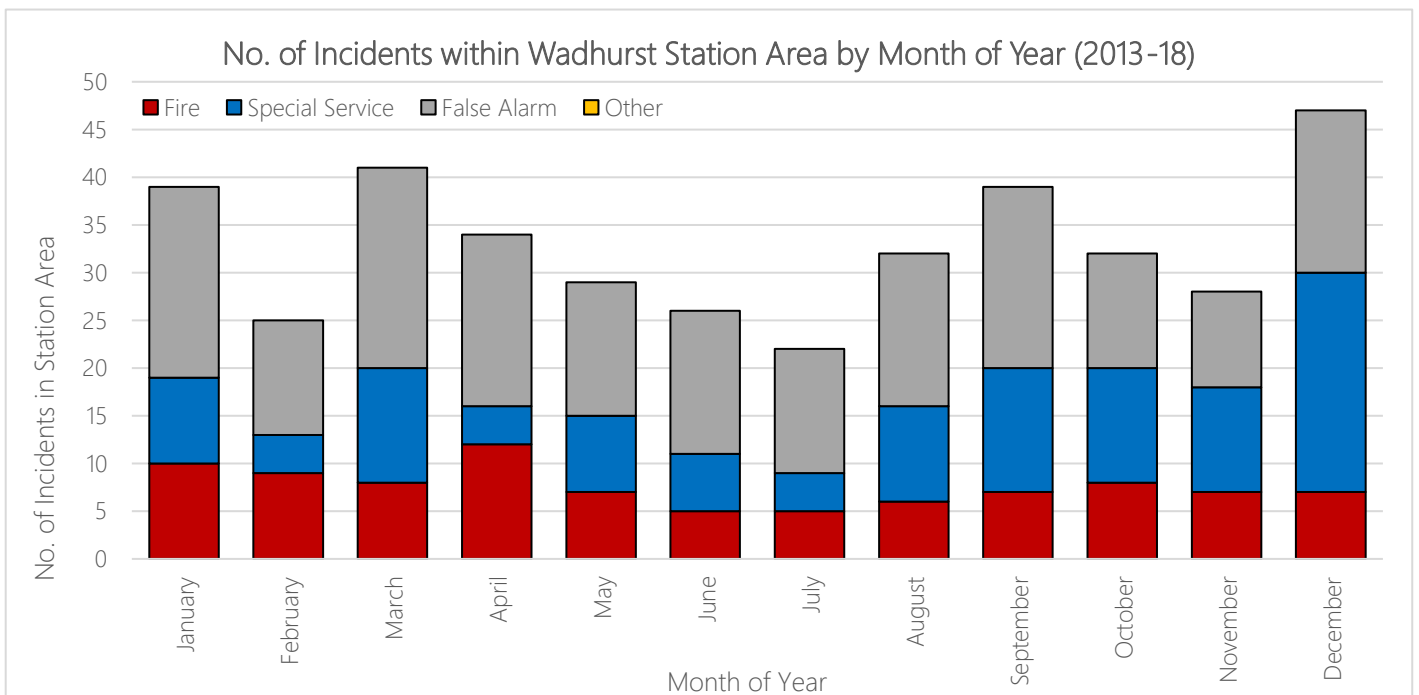
Wadhurst station area ranks 19 out of all 24 geographical station areas in terms of the numbers of incidents occurring within its area. Comparing with the other on-call station areas across ESFRS, Wadhurst ranks 7th out of 12, attending the slightly below the average (119 per year) for an on-call station, 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. A peak at 6-7pm is typical, however in Wadhurst this is particularly high.



July is one of the busiest months in most ESFRS station areas, but in Wadhurst this is the quietest month of the year. The summer months are quieter than many of the other months of the year. There is a spike of special service calls in December whereas the greatest proportion of fires occur in April.



The following table illustrates the types of incidents that have occurred within Wadhurst station area over the past 9 years. Dwelling fires and RTC incidents combined make up 15% of incidents (12 per year).

There are proportionally fewer dwelling fires in Wadhurst (4.1%) compared to the ESFRS average (6.3%), but there are more RTCs (11% in Wadhurst, 5% for ESFRS). Proportionally there are half as many secondary fires, but there is a much higher proportion of chiney fires, 8% in Wadhurst compared to 2% for ESFRS. Additionally, Wadhurst also experienced proportionally fewer false alarms compared to the rest of the service.

No. of Incidents within Wadhurst 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	9	7	9	6	3	2	6	3	2	47	3	4.1	6.3
Primary Fire - Non Residential	3	1	3	2	2	2	1	2	1	17	2	2.0	2.1
Primary Fire - Other Residential	0	3	0	1	2	0	0	0	0	6	0	0.5	0.6
Primary Fire - Vehicle	2	4	4	1	1	4	4	5	1	26	3	3.8	2.7
Primary Fire - Outdoor	3	4	2	0	1	0	1	1	0	12	1	0.8	0.9
Chimney Fire	13	10	14	9	11	5	6	7	2	77	6	7.9	1.6
Secondary Fire	6	8	4	2	2	3	1	5	4	35	3	3.8	8.1
Fire - Classification Not Recorded	0	0	0	0	0	0	1	0	0	1	0	0.3	0.1
Special Service - Advice Only	0	0	0	0	0	0	0	0	0	0	0	0.0	0.3
Special Service - Animal assistance incidents	1	4	0	4	2	1	1	0	0	13	1	1.0	2.3
Special Service - Assist other agencies	0	2	0	0	3	0	1	1	0	7	1	1.3	1.7
Special Service - Effecting Entry/Exit	0	2	0	1	1	0	1	4	1	10	1	1.8	3.9
Special Service - Evacuation (no fire)	0	1	0	0	0	0	0	0	0	1	0	0.0	0.0
Special Service - Flooding	4	0	1	4	9	2	5	0	7	32	5	5.8	4.2
Special Service - Hazardous Materials	0	0	1	1	0	0	0	0	0	2	0	0.0	0.3
Special Service - Lift Release	1	2	0	2	0	0	1	0	2	8	1	0.8	3.7
Special Service - Making Safe (not RTC)	1	2	1	0	4	1	3	2	2	16	2	3.0	1.8
Special Service - Medical Incident	0	0	0	0	0	0	1	0	0	1	0	0.3	0.2
Special Service - No action (not false alarm)	0	1	0	0	1	1	0	1	1	5	1	1.0	0.7
Special Service - Other rescue/release of persons	3	0	0	0	0	2	1	0	2	8	1	1.3	1.0
Special Service - Other Transport	0	1	0	0	0	0	0	1	0	2	0	0.3	0.3
Special Service - Removal of objects from people	0	2	0	0	0	0	0	2	0	4	0	0.5	0.6
Special Service - Removal of people from objects	0	0	0	0	2	0	0	0	0	2	0	0.5	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	21	9	18	10	9	7	10	9	7	100	8	10.7	5.1
Special Service - Spills and Leaks (not RTC)	1	4	0	1	0	1	1	0	0	8	0	0.5	1.1
Special Service - Stand By	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Special Service - Suicide	1	0	0	0	0	0	0	0	0	1	0	0.0	0.1
Special Service - Unknown	0	0	0	0	0	0	1	2	0	3	1	0.8	0.2
Special Service - Water provision	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
False Alarm - Apparatus	51	38	24	25	24	18	34	35	41	290	30	38.6	34.6
False Alarm - Good Intent	6	7	7	4	11	9	4	3	4	55	6	7.9	13.6
False Alarm - Malicious	2	1	0	1	0	1	0	1	0	6	0	0.5	1.3
False Alarm - Unknown	0	0	0	2	0	1	0	1	0	4	0	0.5	0.2
Other	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Grand Total	128	113	88	76	88	60	84	85	77	799	79	100	100

In addition to the above table, which breaks down fires by property type, special services by special service type and false alarms by false alarm type, the following table further breaks down false alarms by property type. It can be seen that 55% of false alarms are to residential dwellings, which slightly higher than the average proportion across ESFRS. Proportionally there are a greater number of outdoor false alarms, and fewer other-residential false alarms compared to ESFRS as a whole.

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

Property Type	Wadhurst	ESFRS
Dwelling	103 (55.1%)	11,127 (49%)
Non-Residential	51 (27.3%)	6,612 (29.1%)
Other Residential	11 (5.9%)	2,181 (9.6%)
Outdoor	17 (9.1%)	1,762 (7.8%)
Outdoor Structure	1 (0.5%)	194 (0.9%)
Road Vehicle	1 (0.5%)	443 (2%)
Unknown	3 (1.6%)	377 (1.7%)
Total	187	22,696

The following table shows the number of critical incidents that occur within Wadhurst station area over the past 9 years. This equates to an average of 7 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 79 incidents occur within Wadhurst area each year, this represents around 9% of incidents have some form of life risk, which is higher than the ESFRS average of 5.2%. The overall trend is a downward one.

No. of Critical Incidents within Wadhurst Station Admin Area

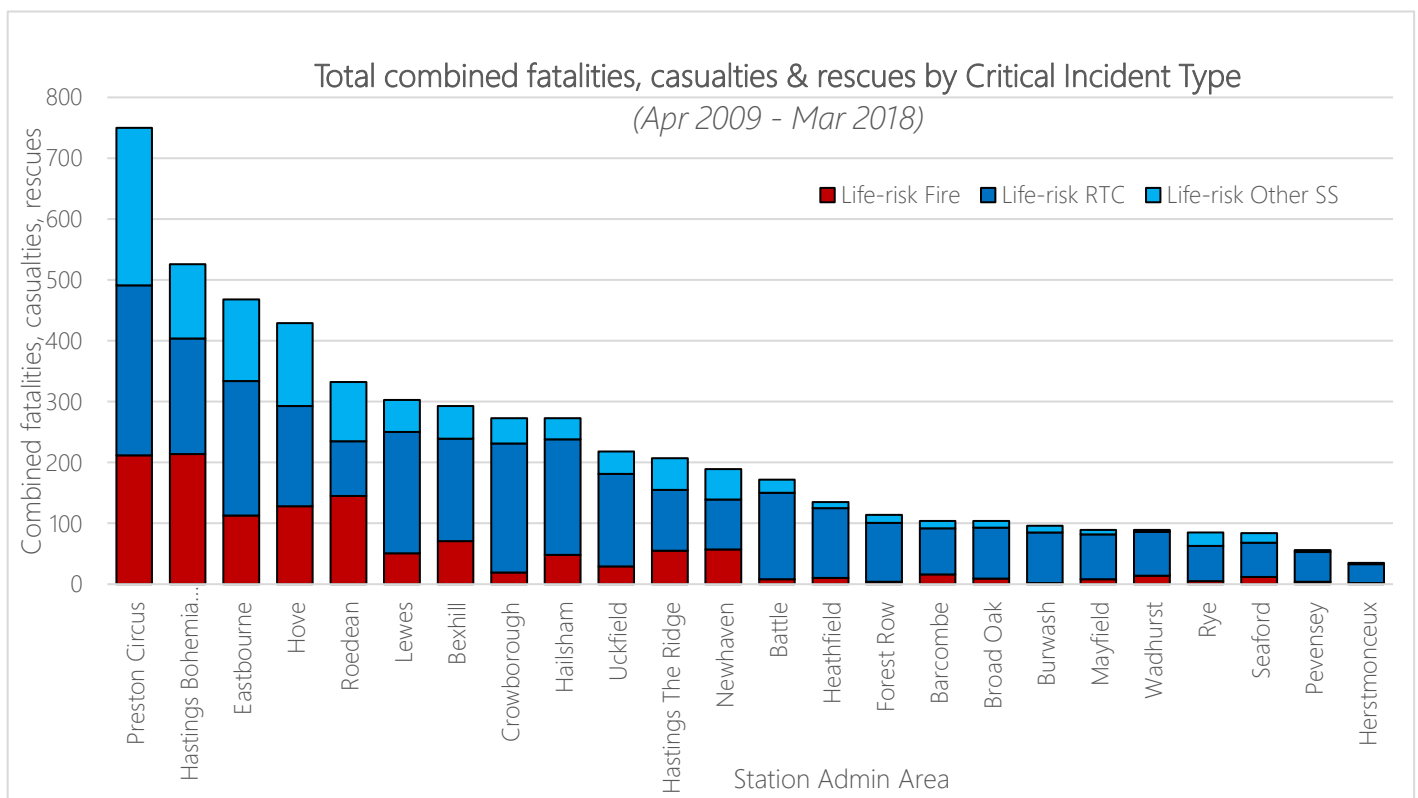
Critical Incidents	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	Total
Life-risk Fire	3	3	2	1	0	1	0	2	0	12
Life-risk RTC	9	3	8	5	7	5	3	5	3	48
Life-risk Special Serv.	2	0	0	0	0	0	0	1	0	3
Total	14	6	10	6	7	6	3	8	3	63

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 63 critical incidents have resulted in 89 injuries and/or rescues over the past 9 years (9.9 fatalities, casualties, rescues per year), thus each critical incident in Wadhurst area gives rise to 1.41 casualties. This is higher than the ESFRS average of 1.26 casualties to every critical incident.

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

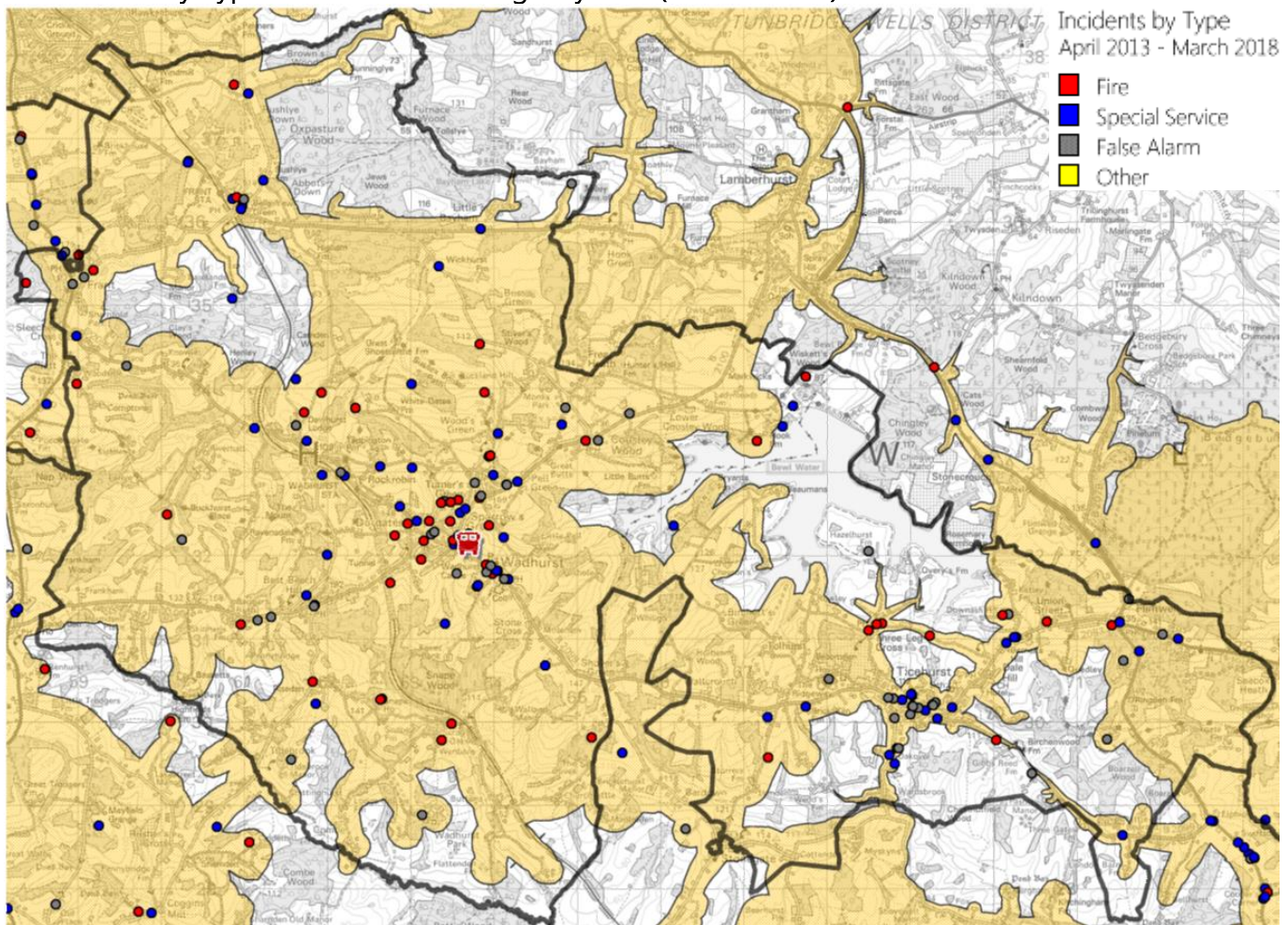
Casualty Severity	Fire	RTC	Other Spec. Serv.	Grand Total
Fatal Injury	0	4	0	4
Serious Injury	2	14	0	16
Slight Injury	5	42	1	48
First Aid/Prec. Check	4	8	2	14
Rescue (No Injury)	3	4	0	7
Total Life-Risk	14	72	3	89

Wadhurst ranks 20th out of the 24 station areas (or 5th out of 12 on-call areas) regarding combined numbers of fatalities, casualties and rescues as demonstrated on the following chart. However, Wadhurst ranks 3rd out of the 12 on-call station areas for the number of fire injuries.



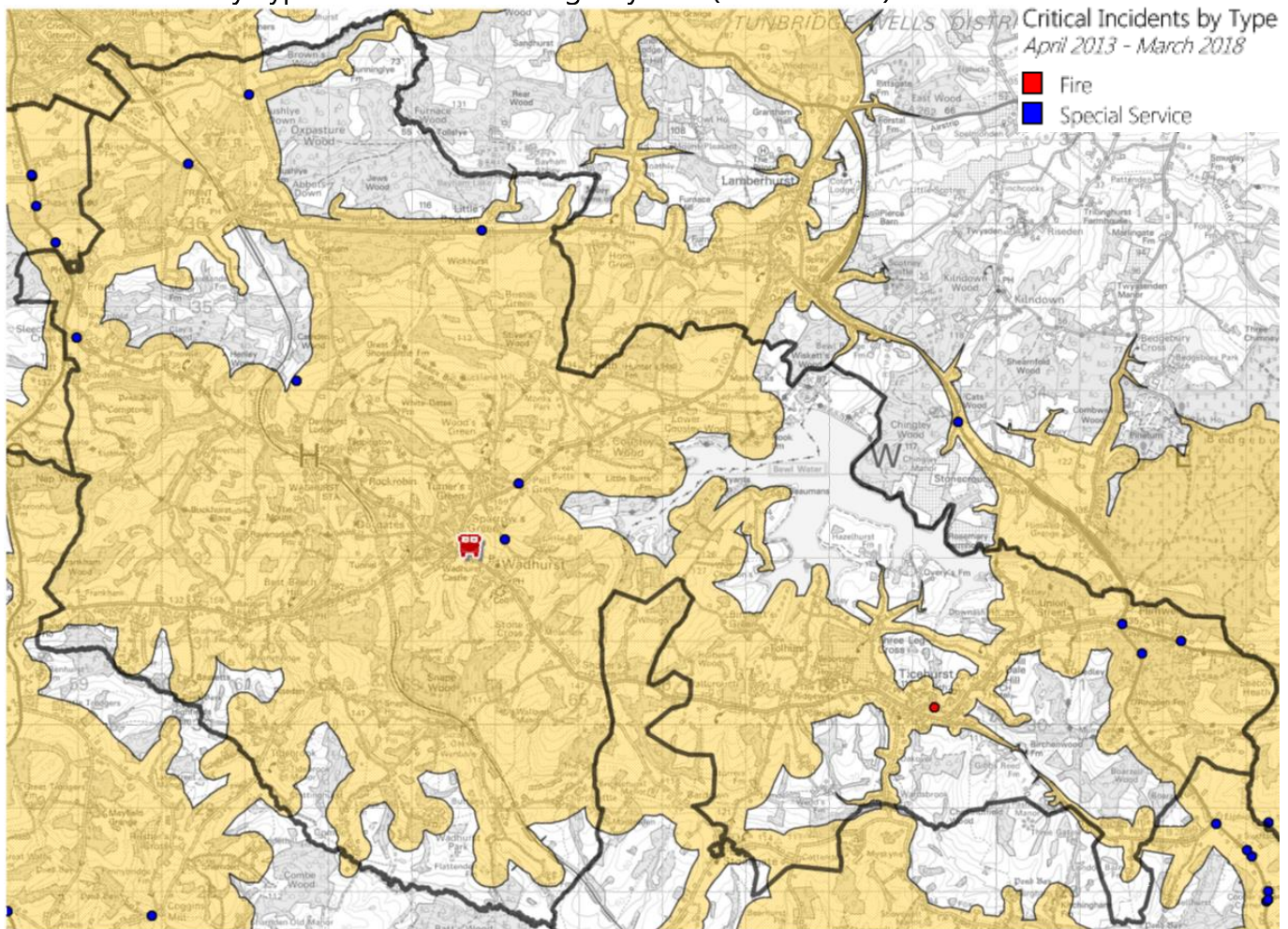
56% of incidents within Wadhurst station area occurred during the daytime (between 08:30 and 18:30). The map below shows all daytime incidents over the last 5 years, with daytime attendance standards coverage overlaid. 92% of daytime incidents fall within the attendance standards isochrone. The proportion of all incidents that fall outside of the isochrones is the 8th highest out of all station areas.

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



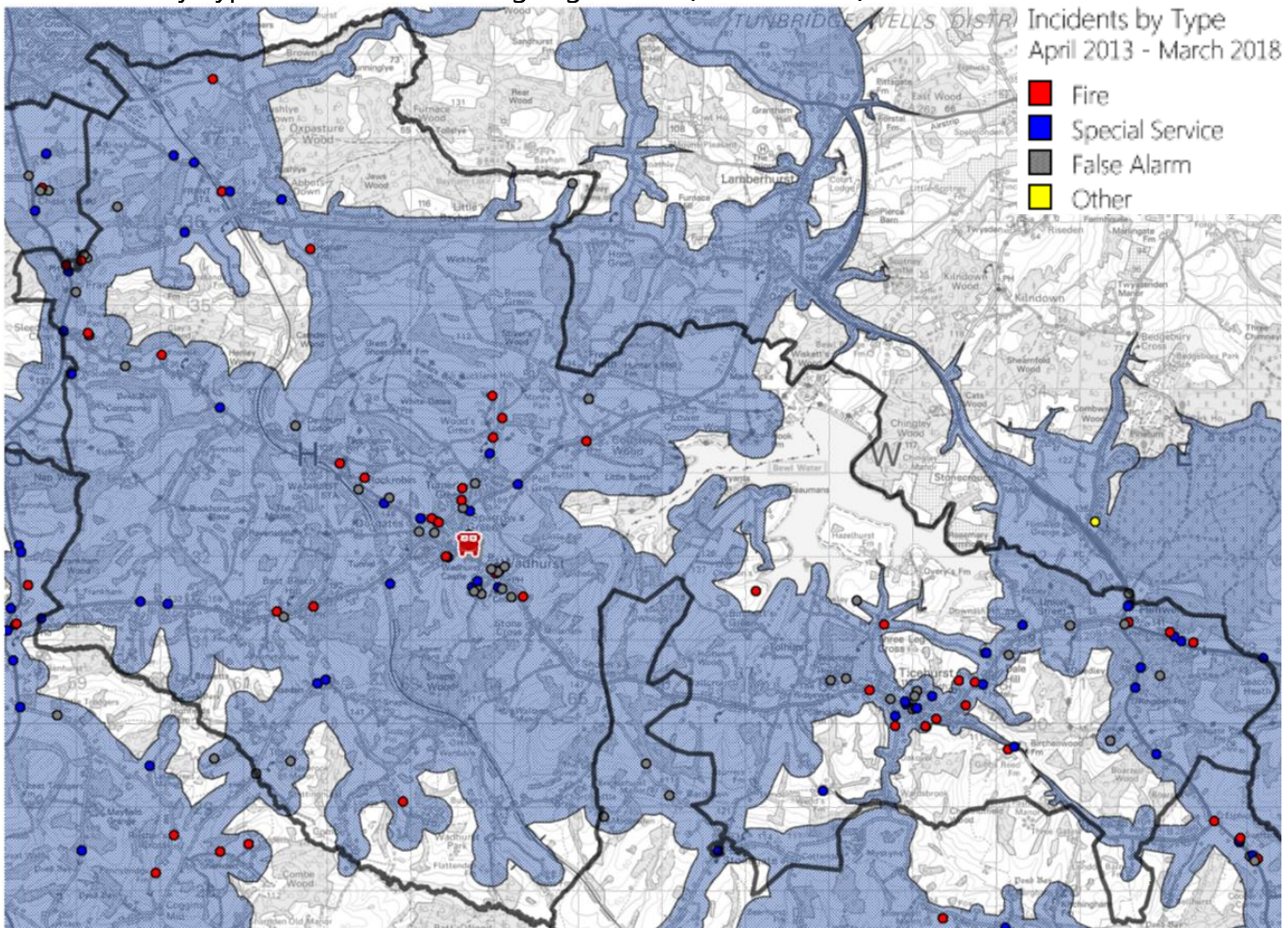
The following map only show critical incidents that occurred within Wadhurst station area during the day. 41% of these occurred during the daytime (between 08:30 and 18:30). 100% fall within the attendance standards isochrone.

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



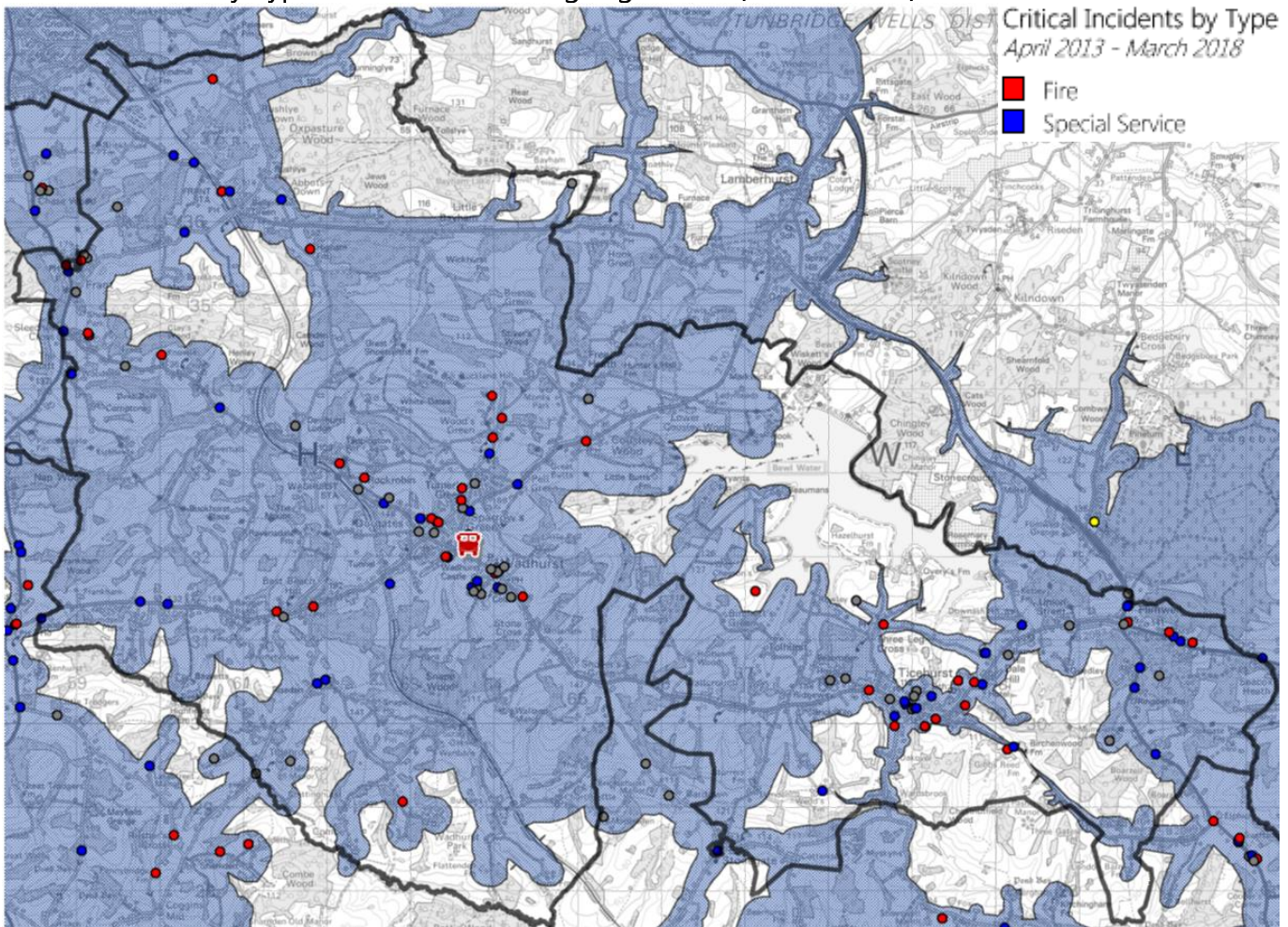
45% of incidents within Wadhurst station area occurred during the night time (between 18:30 and 08:30). The map below shows all night time incidents over last 5 years, with night time attendance standards coverage overlaid. 97% of night time incidents fall within the attendance standards isochrone.

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

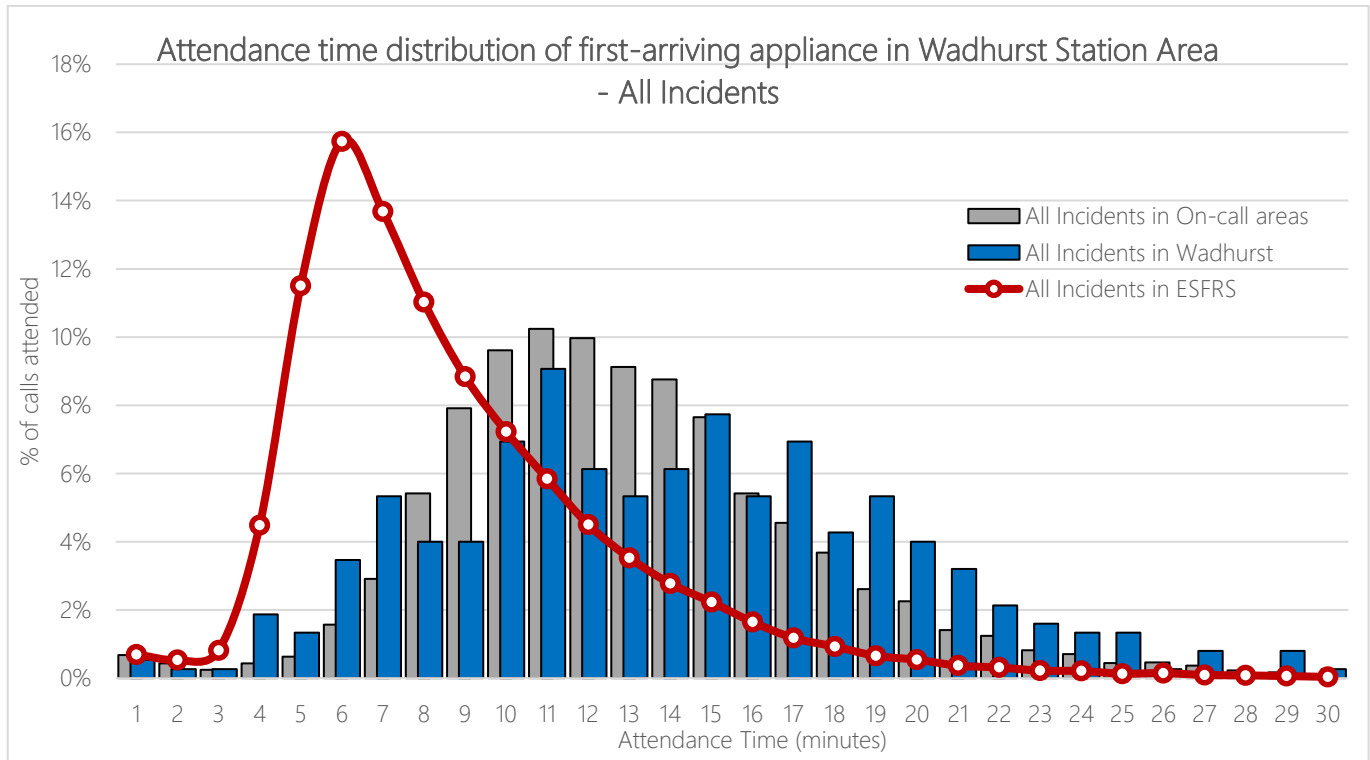


The following map now only shows critical incidents that occurred within Wadhurst station area during the night. 40% of these occurred during the night time (between 18:30 and 08:30). 100% fall within the attendance standards isochrone.

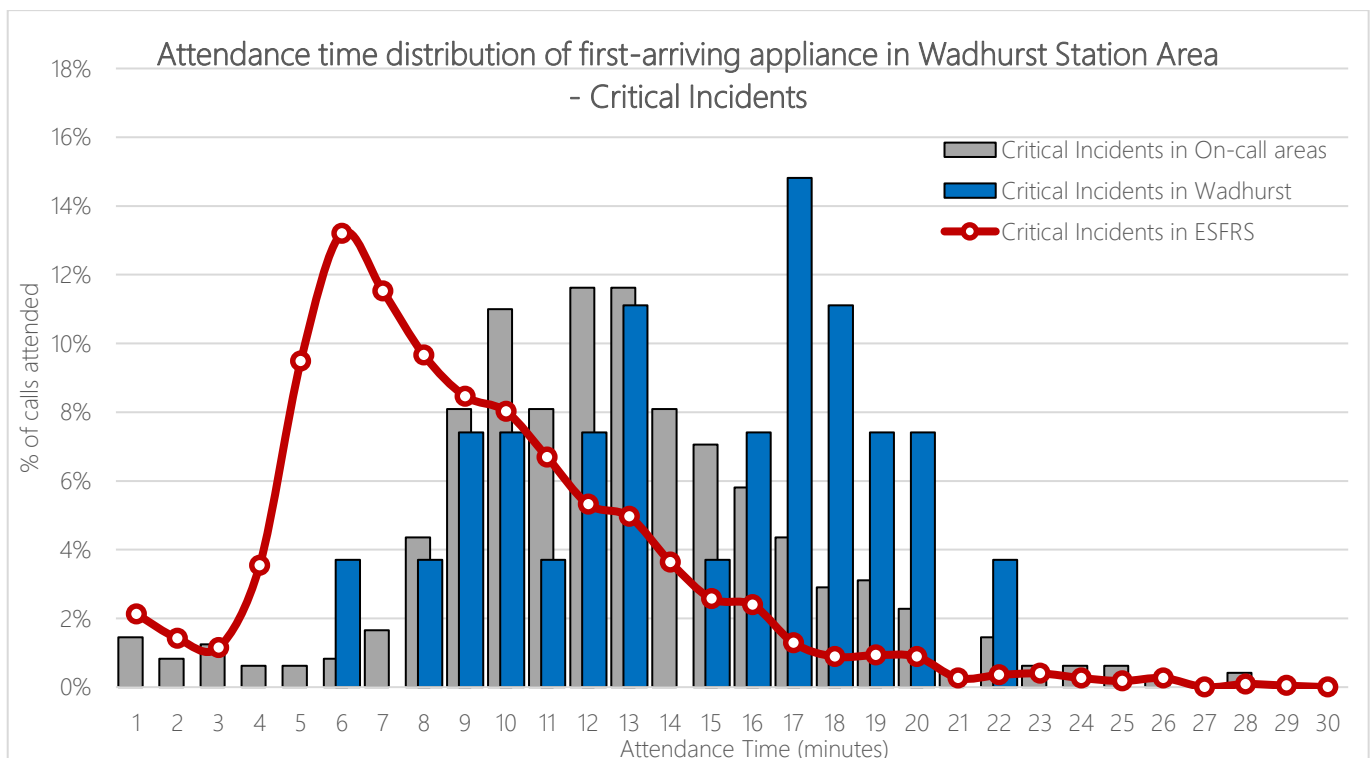
Critical Incidents by Type that occurred during 'night time' (18:30 – 08:30) between 2013-18



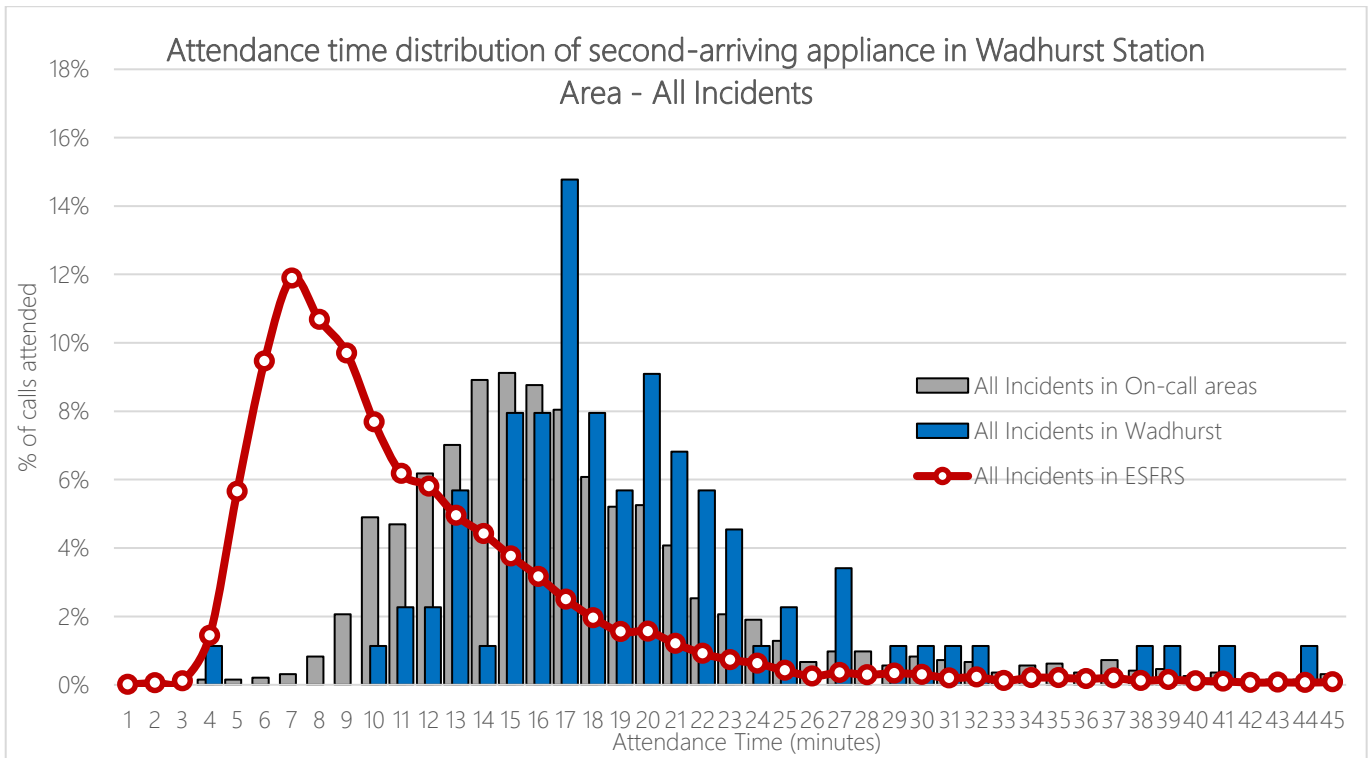
The chart below shows the distribution of response times by minute intervals. These distributions are based on 5 years of data (Apr 2013 – Mar 2018) and help understand the range of response times to all types of incidents that have occurred within Wadhurst Station area, compared with other areas. It can be seen that, compared to other on-call station areas, there are a greater proportion of initial attendances over 15 minutes, and fewer attendances between 8-14 minutes indicating that, overall, attendances to Wadhurst are slightly slower than other on-call station areas. However, there are more attendances in 4-7 minutes but overall these represent a small proportion of attendances.



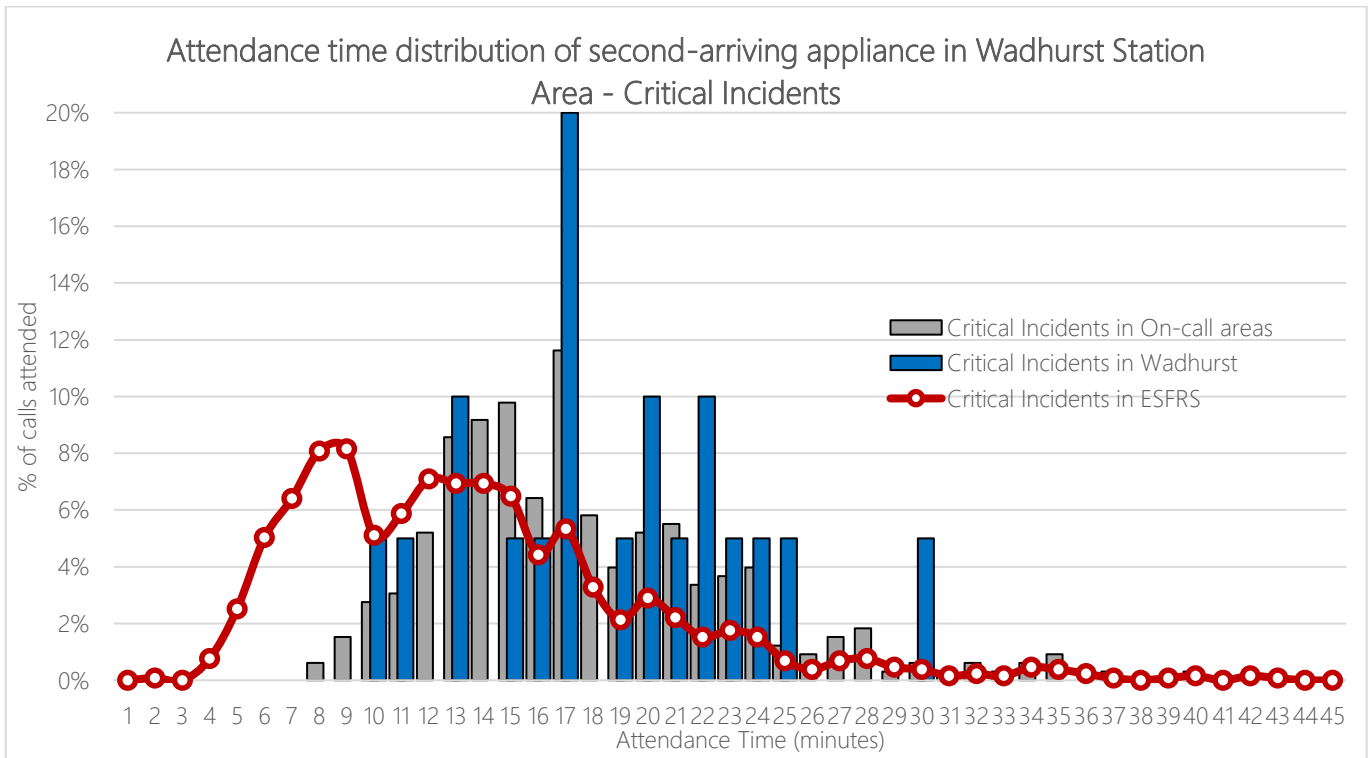
The following chart depicts similar information, but for critical incidents only. As there are fewer critical incidents within Wadhurst area, the distribution curve is less uniform, but follows a similar pattern to above.



The chart below shows the distribution of response times to all incidents by minute intervals for the second appliance (where applicable) across a five year period (Apr 2013 – Mar 2018). It can be seen that, compared to the previous charts, the attendance times peak around 17 minutes for the arrival of the 2nd appliance compared to 11-15 minutes for the 1st appliance, and as above overall the attendances are slower compared to other on-call areas.



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



The table below shows the average delay between the arrival of the first and second appliances within Wadhurst 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. This could be because the average attendance times in Wadhurst are slower than the other on-call areas, meaning the first appliance arrives later than in other areas, thus reducing the lag time of the second arriving appliance.

Incident Type	Ave. Lag Time in Wadhurst	Ave. Lag Time across all On-call areas	Ave. Lag Time across ESFRS area
Primary Fire - Dwelling	04:48	08:06	03:21
Special Service - RTC	04:39	04:52	04:17

Between April 2013 and March 2018, 75% of incidents within the Wadhurst 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 2nd pump attendance, which appliances attended. Burwash was the 2nd pump on 25% of occasions, Wadhurst itself was the 2nd pump 15% of the time. Crowborough (13%), Mayfield (11%) and Battle (10%) also provided the 2nd pump on a significant amount of occasions. Over the border appliances made up 13% of 2nd pump attendances, the nearest stations in Kent are Tunbridge Wells and Hawkhurst.

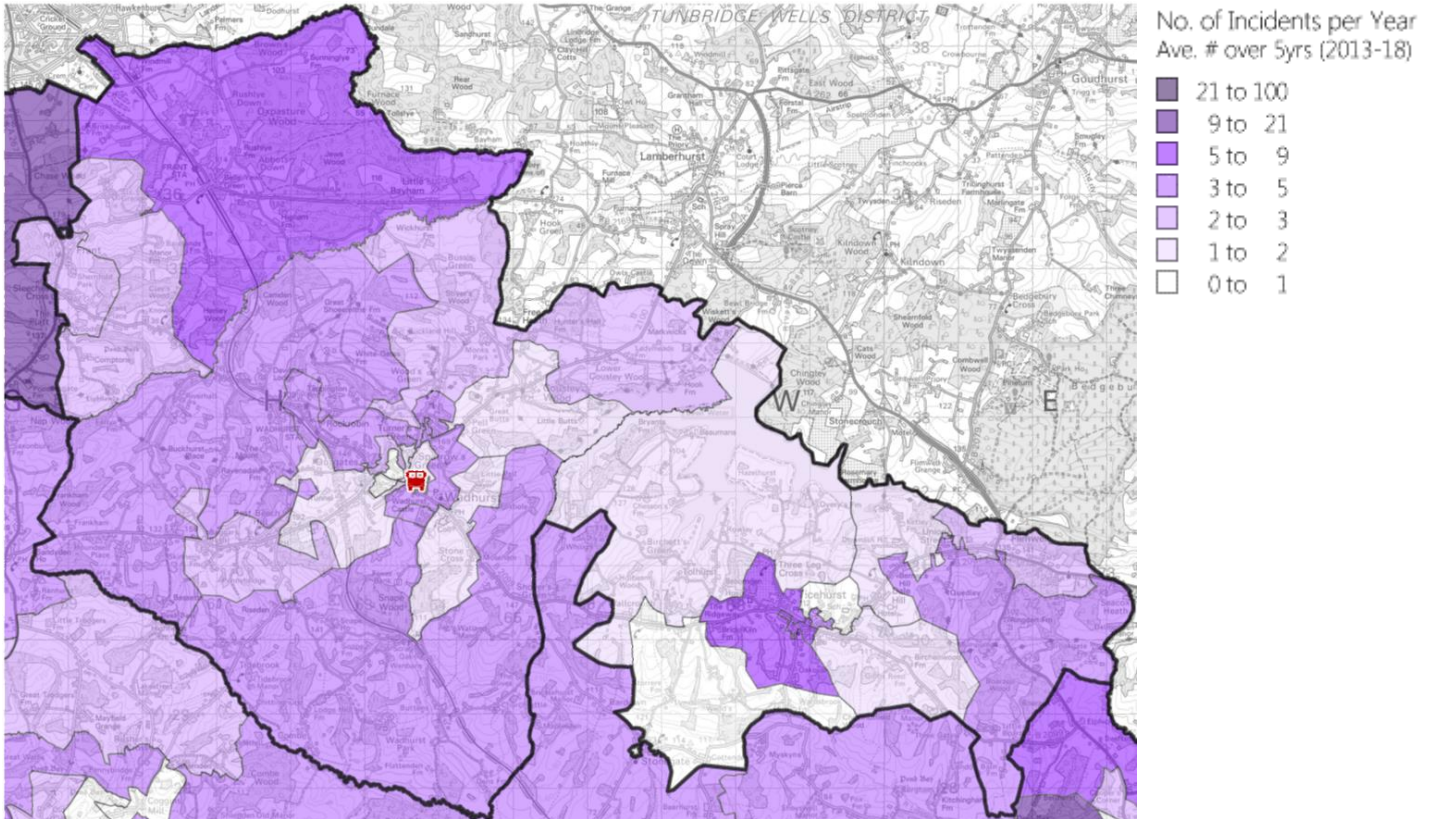
FJE74P1 (25%)	FJE78P5 (15%)	FJE83P1 (13%)	OTB Appliance (13%)	FJE81P1 (11%)	FJE72P1 (10%)	FJE78M1 (3%)	FJE82M1 (2%)	FJE83P4 (2%)
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The following map shows, by output area, the average number of incidents to which it is mobilised per year (based on a 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 Wadhurst 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.

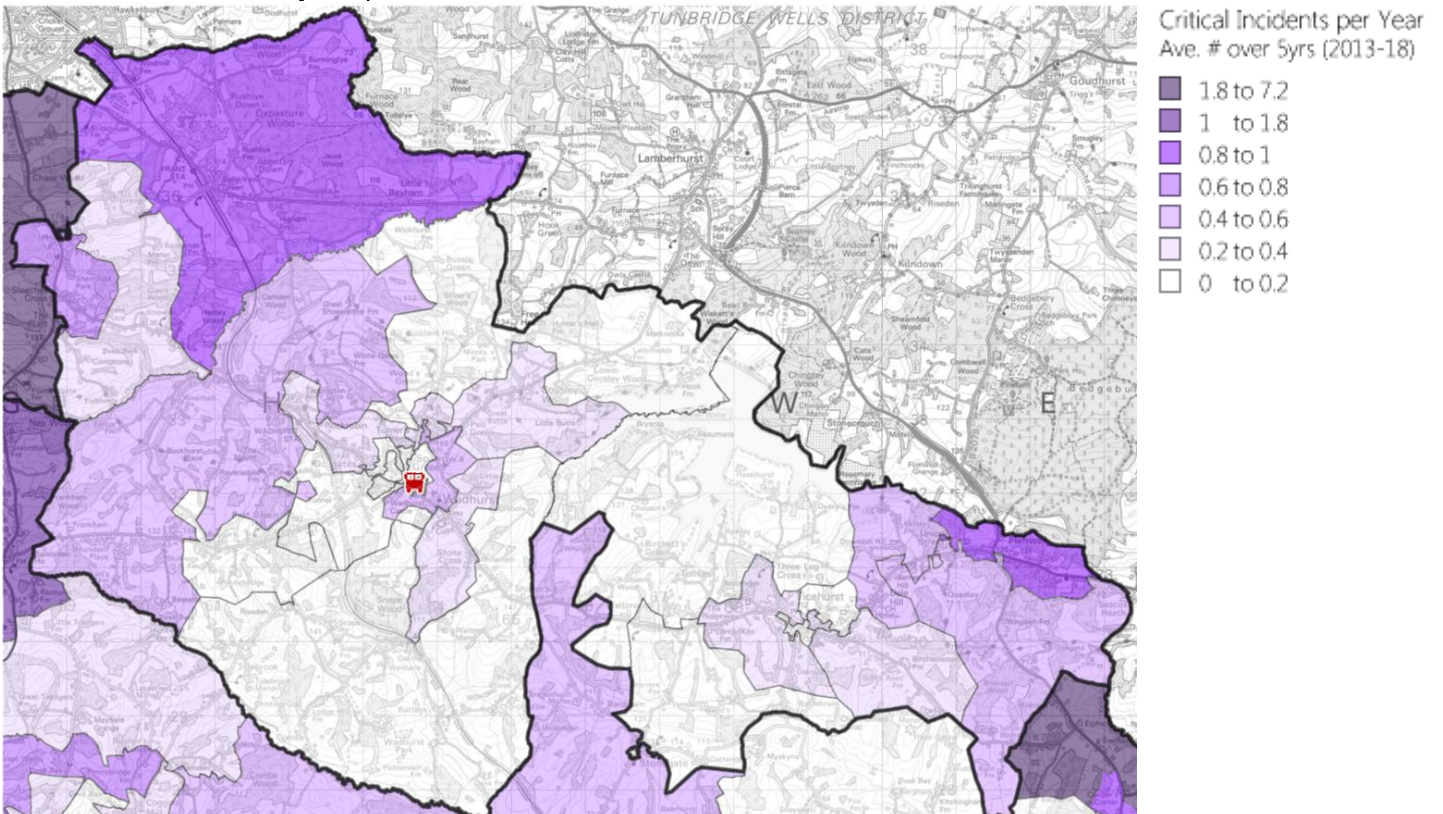
It can be seen that incidents are fairly evenly distributed across the station area, with the exception of two areas. A large output area in the north that contains the village of Frant and in close proximity to Tunbridge Wells. Another area with a higher density is around the village of Ticehurst in the south 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, overall, the number of incidents involving fatalities, casualties or rescues in Wadhurst station area is low. 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



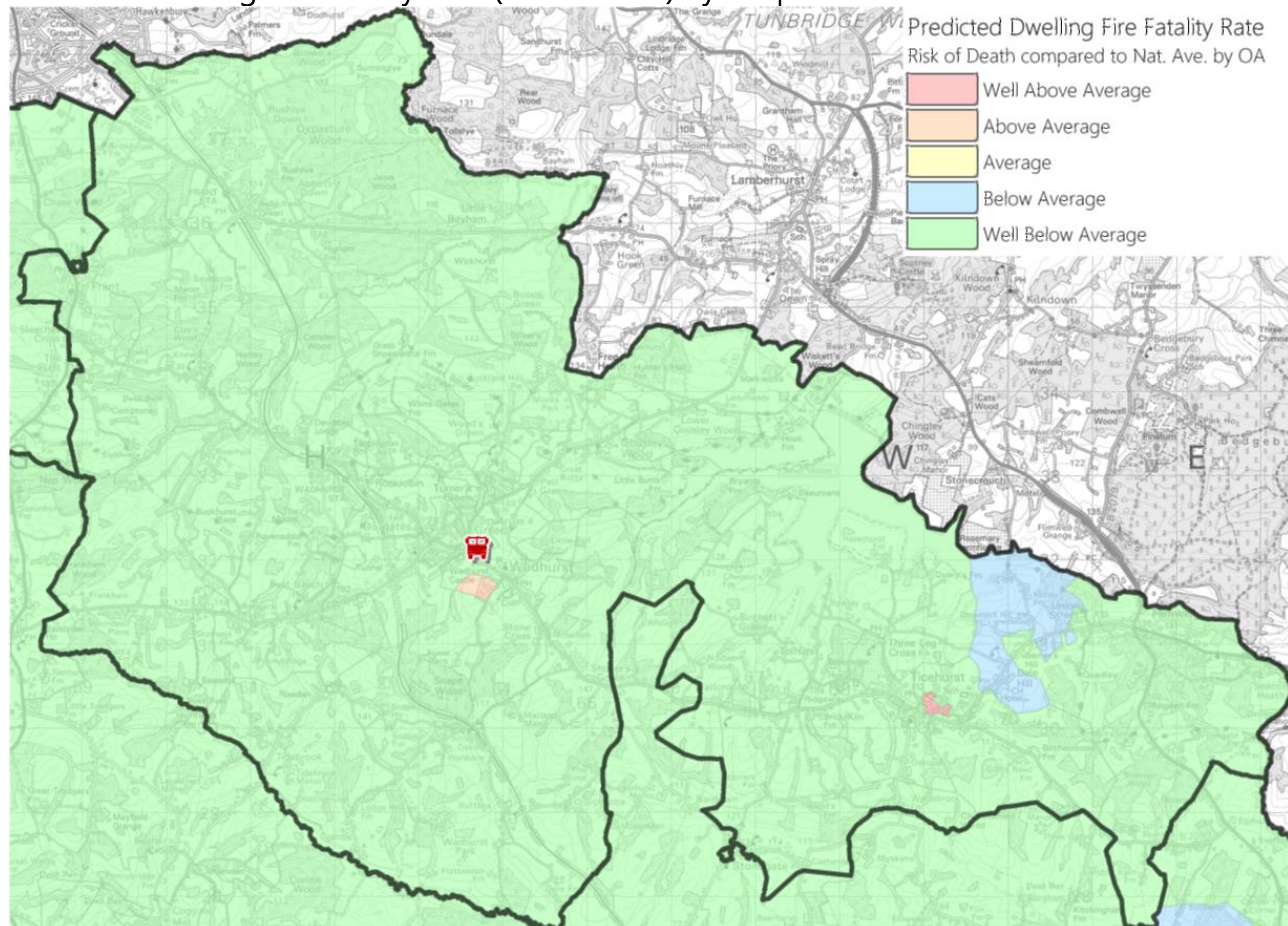
The following table illustrates the number of level 3 and 4 incidents that have occurred over the past 9 years within Wadhurst station area. A level 3 incident is where between 7-9 pumping appliances are in attendance at the incident, whereas a level 4 incident represents where 10 or more pumping appliances attended. These incidents denote where significant resource was required in order to deal with a particular incident. There have been 2 level 3 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)	0	0	1	1	0	0	0	0	0	2
Level 4 (10+ pumps)	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	1	0	0	0	0	0	2
ESFRS Total	17	11	9	10	11	9	7	7	12	93

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

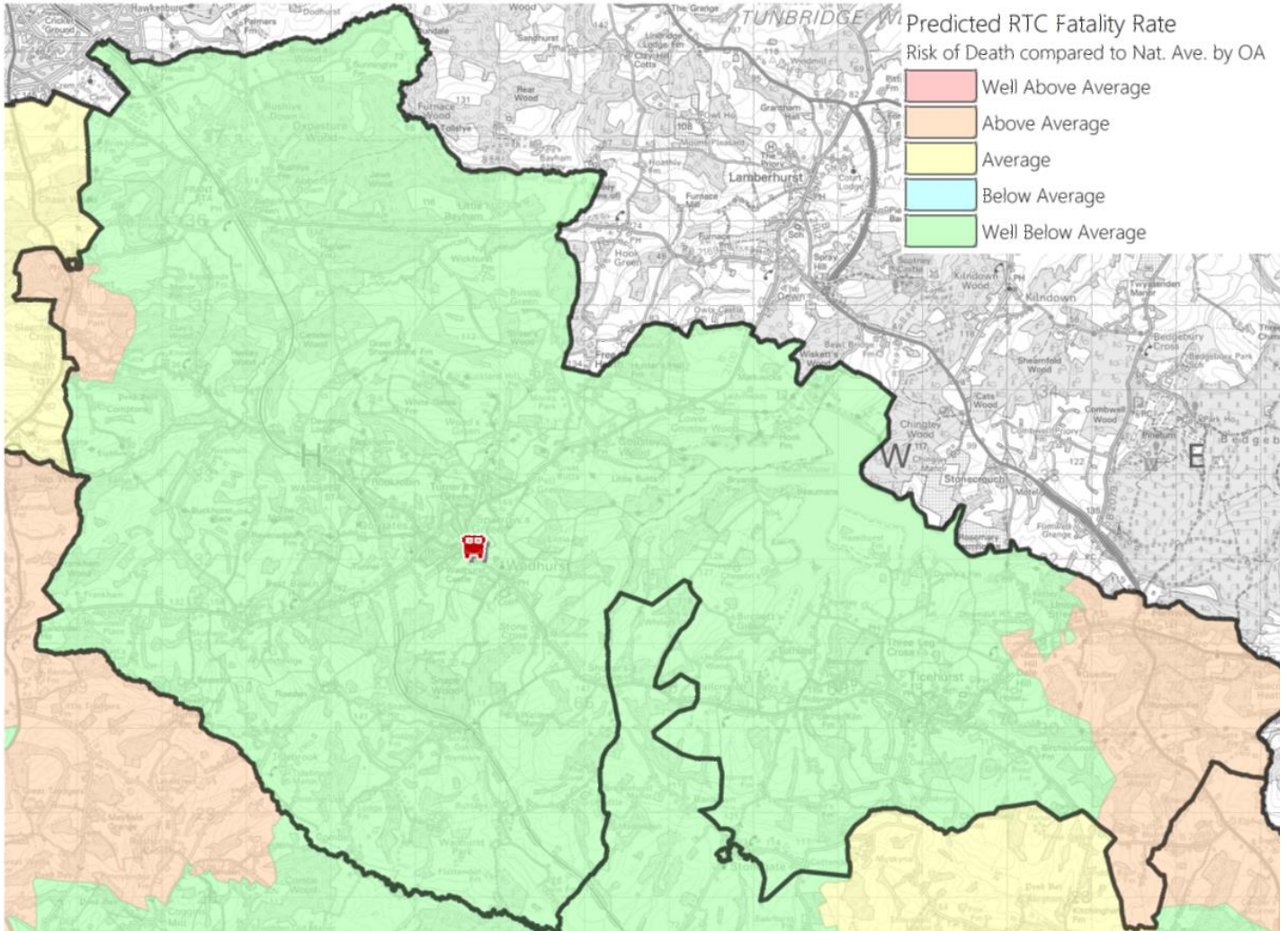
It can be seen that the Wadhurst station area predominately has a well below average risk of sustaining fatal injuries in a fire compared with the national average. There are two output areas predicted as being above average risk, one in Wadhurst which is well within the attendance standard isochrone, and the other in Ticehurst which is on the edge of the isochrone.

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. Wadhurst station area is almost all well below average risk of death from an RTC, with the exception of two output areas. One is a large output area in the south east, which contains the A268 and A21. The other is in the west of the station area, which contains part of Frant and the junction of the B2099 and A267.

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



Incidents to which Wadhurst appliance(s) were mobilised

Whilst the previous section dealt with incidents within Wadhurst station area irrespective of which appliances were mobilised, this section deals with incidents to which Wadhurst 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 Wadhurst. 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 observed that 78P5 has seen an increase in turnout times over the 9 years, with a increase of 2 minutes from 2009/10 to 2017/18. The average over the 9 years is 04:26.

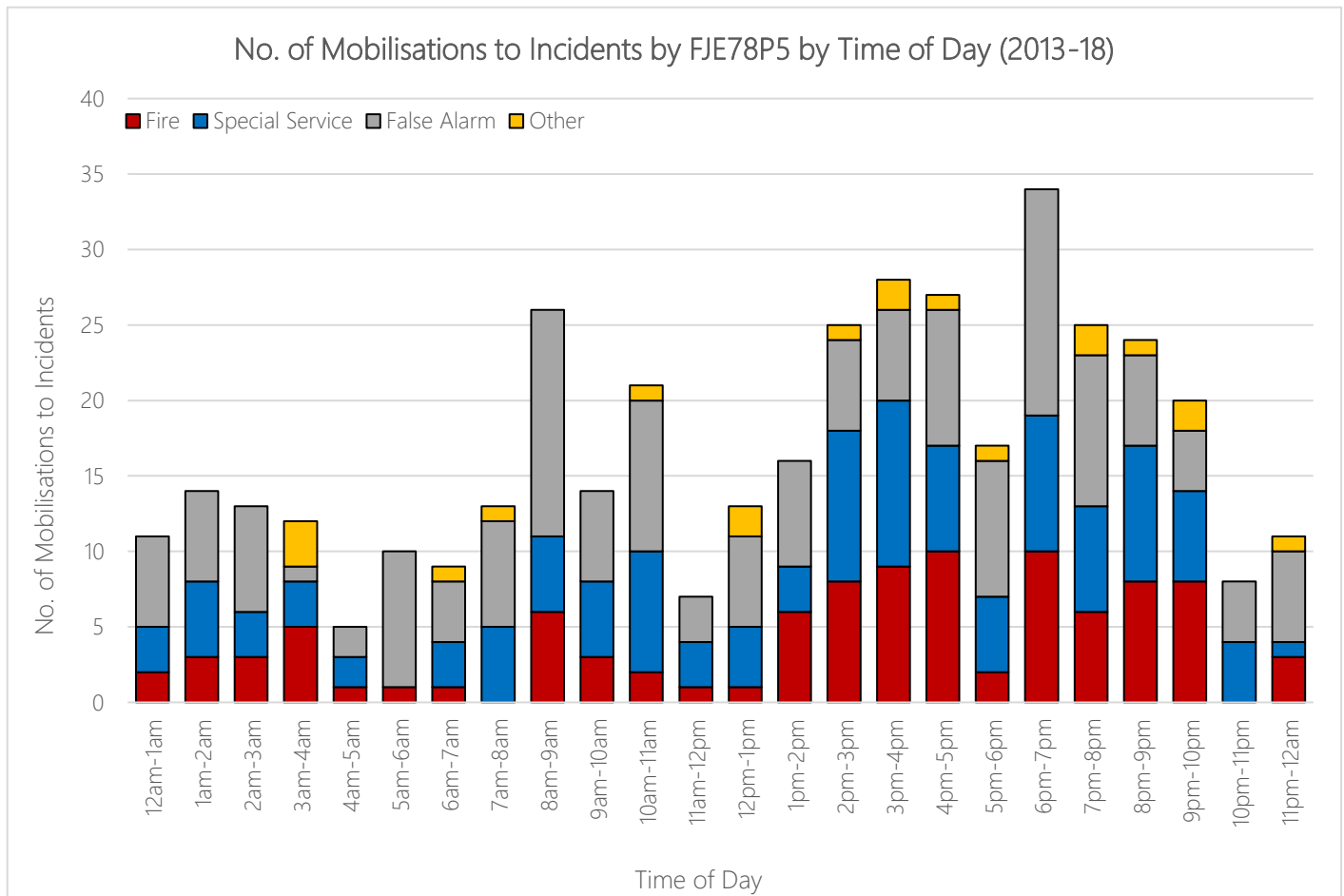
Average turn-out times of Wadhurst appliance(s)

Callsign	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
FJE78P5	03:57	04:07	04:03	04:31	04:22	04:50	04:54	05:18	05:52

The following table shows the number of mobilisations the Wadhurst 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 FJE78P5 have reduced by 73%, this is the 3rd largest reduction out of the 33 appliances, only Battle 72P4 (- 76%) and Uckfield 84P4 (-81%) have experienced larger reductions.

Appliance	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	% increase / decrease
FJE78P5	215	158	159	114	109	80	99	56	59	-73
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 Wadhurst appliance(s) have mobilised to by time of day.



The following tables illustrate the types of incidents to which each Wadhurst appliance has mobilised to over the past 5 years. FJE78P5 mobilises to a higher proportion of special service incidents compared to the rest of ESFRS, approximately 3% more, this is also the case for fire incidents with Wadhurst attending 2% more. Furthermore, FJE78P5 attends 3% more 'other incidents. The converse of the above, is that it attends approximately 8% fewer false alarm incidents.

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

Incident Type	FJE78P5	%	All ESFRS Incidents	%
Fire	99	24.6	10,263	21.7
Special Service	121	30.0	13,332	28.2
False Alarm	164	40.7	22,838	48.4
Other	19	4.7	786	1.7
All Incident Types	403	-	47,219	-

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

Incident Type	FJE78P5	%	All ESFRS Incidents	%
Primary Fire - Dwelling	26	6.5	2,871	6.1
Primary Fire - Non Residential	8	2.0	984	2.1
Primary Fire - Other Residential	3	0.7	265	0.6
Primary Fire - Other transport vehicle	0	0.0	14	0.0
Primary Fire - Outdoor	6	1.5	396	0.8
Primary Fire - Road Vehicle	16	4.0	1,256	2.7
Chimney Fire	24	6.0	717	1.5
Secondary Fire - Dwelling	0	0.0	25	0.1
Secondary Fire - Non Residential	0	0.0	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	16	4.0	3,561	7.5
Secondary Fire - Road Vehicle	0	0.0	58	0.1
Fire - Classification Not Recorded	0	0.0	50	0.1
Special Service - Advice Only	0	0.0	150	0.3
Special Service - Animal assistance incidents	8	2.0	1,050	2.2
Special Service - Assist other agencies	7	1.7	767	1.6
Special Service - Effecting Entry/Exit	5	1.2	1,817	3.8
Special Service - Evacuation (no fire)	0	0.0	13	0.0
Special Service - Flooding	17	4.2	1,956	4.1
Special Service - Hazardous Materials	0	0.0	133	0.3
Special Service - Lift Release	2	0.5	1,728	3.7
Special Service - Making Safe (not RTC)	13	3.2	834	1.8
Special Service - Medical Incident	1	0.2	101	0.2
Special Service - No action (not false alarm)	2	0.5	325	0.7
Special Service - Other rescue/release of persons	4	1.0	447	0.9
Special Service - Other Transport	0	0.0	136	0.3
Special Service - Removal of objects from people	2	0.5	261	0.6
Special Service - Removal of people from objects	2	0.5	146	0.3
Special Service - Rescue or evacuation from water	0	0.0	43	0.1
Special Service - RTC	51	12.7	2,374	5.0
Special Service - Spills and Leaks (not RTC)	3	0.7	495	1.0
Special Service - Stand By	0	0.0	6	0.0
Special Service - Suicide	1	0.2	71	0.2
Special Service - Unknown	3	0.7	471	1.0
Special Service - Water provision	0	0.0	8	0.0
False Alarm - Apparatus	128	31.8	15,820	33.5
False Alarm - Good Intent	31	7.7	6,255	13.2
False Alarm - Malicious	3	0.7	601	1.3
False Alarm - Unknown	2	0.5	162	0.3
Other	19	4.7	786	1.7
Total	403	-	47,219	-

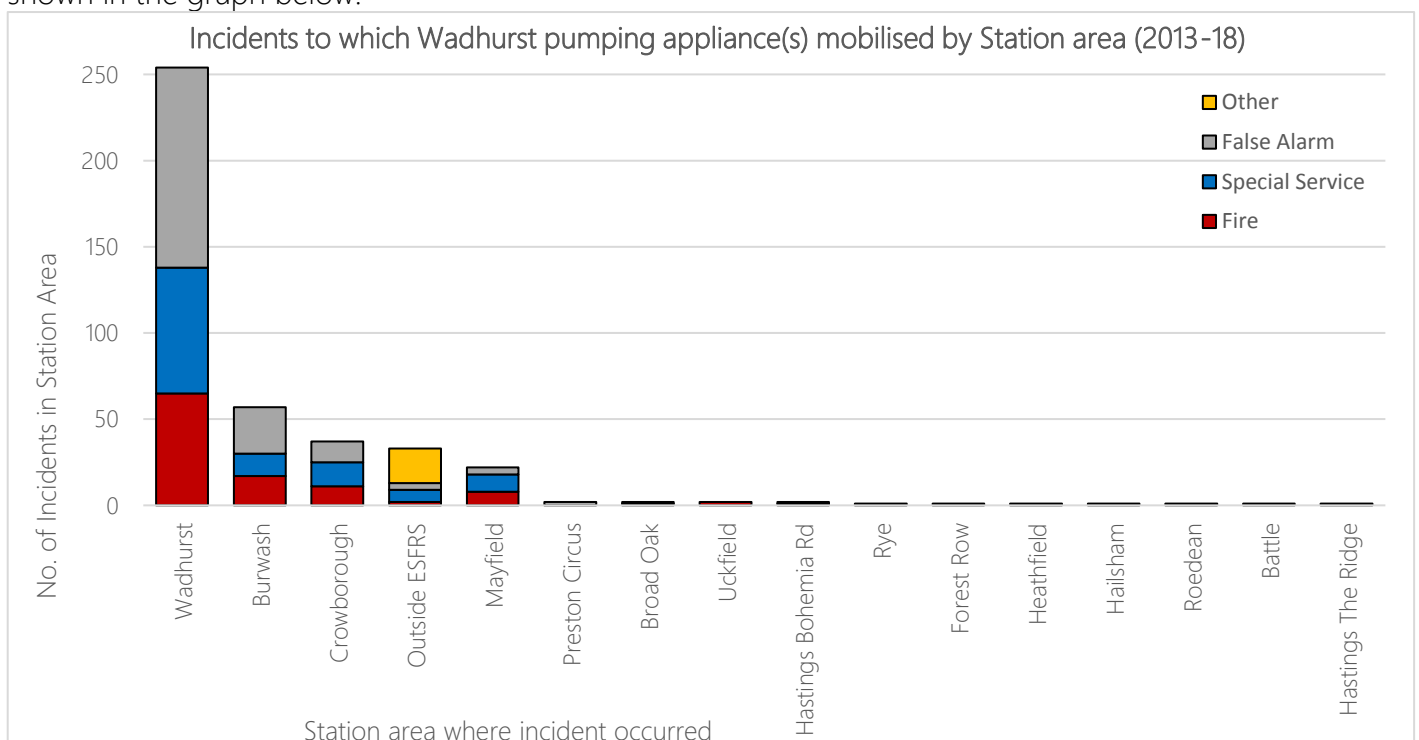
The following table demonstrates the number of times each pumping appliance at Wadhurst has been mobilised to an incident between 2013 and 2018, broken down by the station area to which it was mobilised. This includes incidents where the Wadhurst appliance may not have arrived at the incident due to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

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

Station Area	FJE78P5		
	5 Year Total (2013-18)	Ave. Per Year	% by Station Area
Battle	1	0	0.2
Broad Oak	1	0	0.2
Burwash	54	11	13.4
Crowborough	35	7	8.7
Hailsham	1	0	0.2
Hastings Bohemia Rd	1	0	0.2
Hastings The Ridge	-	-	-
Heathfield	1	0	0.2
Mayfield	22	4	5.5
Preston Circus	1	0	0.2
Roedean	1	0	0.2
Rye	1	0	0.2
Uckfield	1	0	0.2
Wadhurst	252	50	62.5
Outside ESFRS	31	6	7.7
Grand Total	403	81	100.0

It can be seen that FJE78P5 is mobilised on average 81 time per year, 62.5% of these were to its on own station ground, 13.4% was to Burwash, 8.7% to Crowborough, 5.5% to Mayfield and on 7.7% of occasions it was mobilised to an incident over the border.

Between April 2013 and March 2018 there have been 403 mobilisations to incidents by Wadhurst, as shown in the graph below.



N.B. The overborder figure will likely be higher for the above incidents as these are calculated from data held within ESFRS Incident Recording System only. For over-border incidents where both Wadhurst 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 Wadhurst 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 Wadhurst appliance(s) may not have arrived at the incident due to being stood-down en-route. 78P5 mobilises to a critical incident, on average, 9 times per year and on 39% of occasions, this is within the Wadhurst station area. 26% of occasions it is to Crowborough, 22% is to Burwash, 11% to Mayfield, and 2% are over the border.

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

No. of Mobilisations to Critical Incidents	Appliance Callsign	Burwash	Crowborough	Mayfield	Wadhurst	Outside ESFRS	Grand Total
5 Year Total (2013-18)	FJE78P5	10	12	5	18	1	46
Ave. Per Year	FJE78P5	2	2	1	4	0	9
% by Station Area	FJE78P5	21.7	26.1	10.9	39.1	2.2	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, FJE85P5 has met this standard, reaching 81% of all incidents within 15 minutes and 77% of critical incidents within 15 minutes.

Incidents attended within X minutes by FJE78P5 where first-arriving appliance (Apr 2013 – Mar 2018)

Performance of FJE78P5 as first arriving appliance	< 5 mins	< 8 mins	< 10 mins	< 13 mins	< 15 mins	< 20 mins	Total Incidents
All Incidents	14 (5%)	61 (21%)	104 (35%)	189 (64%)	237 (81%)	276 (94%)	294
Critical Incidents	1 (5%)	3 (14%)	6 (27%)	13 (59%)	17 (77%)	22 (100%)	22

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.

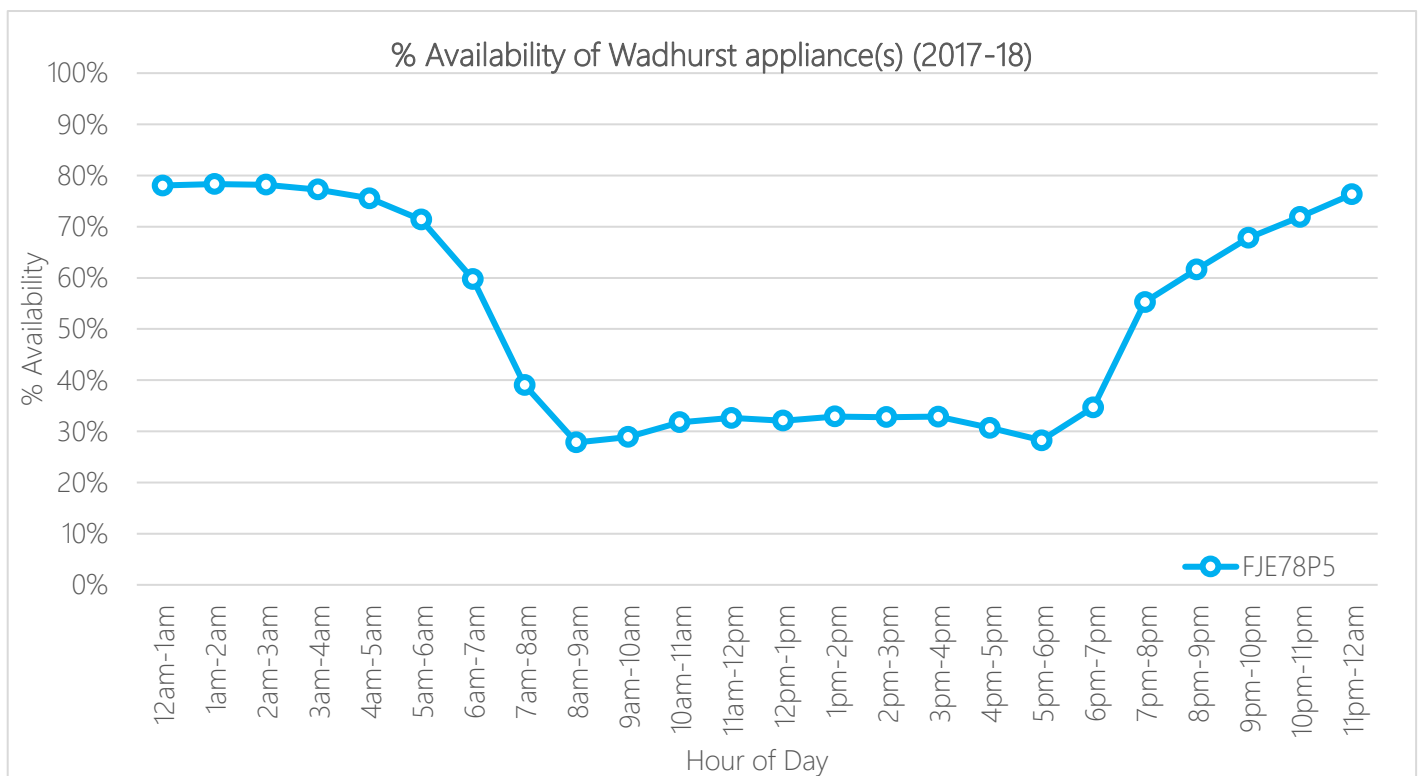
FJE78P5's availability has decreased significantly in the 9 year period, its almost available as half as much in 2017/18 as it was in 2009/10 – a decrease of 47%.

Appliance Availability

Callsign	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18
FJE78P5	97.7	96.0	95.6	87.4	85.6	75.8	79.6	61.9	51.5

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

It can be seen that availability of FJE78P5 dips significantly between 7am and 6pm where it is available, on average, 32% of the time, before rising again to a maximum of 78% availability between 1am and 3am.



OTB attendances into Wadhurst (where ESFRS did not attend)

Kent FRS attended 32 incidents in Wadhurst station area from 2009-2018, where ESFRS did not attend. This information is stored in Kent's IRS system. This means that for all the incidents in Wadhurst from 2009-2018, Kent FRS solely attended 4%.

FRS Attending	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Total
Kent into Wadhurst Area	2	4	2	1	2	3	4	4	10	32
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.

Wadhurst made 117 standby moves between April 2009 and March 2018, accounting for 1.1% of all standby moves for ESFRS. The number of moves completed has remained steady over the 9 years, and there has been no increase or decrease over this period.

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
Wadhurst	17 (2.2%)	12 (1.5%)	17 (1.9%)	11 (1.2%)	11 (1.1%)	8 (1%)	17 (1.6%)	8 (0.5%)	16 (0.7%)	117 (1.1%)
ESFRS Total	773	795	877	947	1,010	835	1,086	1,556	2,301	10,180

Half (50%) of Wadhurst's standbys were in Uckfield, this equates to 59 standbys accounting for 8% of all the standbys at Uckfield. Wadhurst also stood by at Crowborough on 42 occasions, accounting for 7% of all standbys there. Due to its proximity to the border, many of the standby locations are in Kent, such as Tunbridge Wells (5 standbys), however these moves only account for a small proportion of Wadhurst's cover moves.

Standby Locations (% Within Area / Appliance)		
Standby Location	78P5	Total Standbys at Location
Uckfield	59 (50.4%)	730
Crowborough	42 (35.9%)	598
Tunbridge Wells	5 (4.3%)	21
Heathfield	2 (1.7%)	23
Hastings Ridge	1 (0.9%)	1245
Sevenoaks	1 (0.9%)	1
Rye	1 (0.9%)	258
Hastings Bohemia	1 (0.9%)	1495
Tonbridge	1 (0.9%)	2
Battle	1 (0.9%)	659
Hawkhurst	1 (0.9%)	2
Other	1 (0.9%)	13
Lewes	1 (0.9%)	1142
Total	117	-

Special Appliances

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

The following table illustrates the total number of mobilisations for each special appliance at Wadhurst 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	9 Yr Total	5 Yr Total	5 Yr Average
FJE78M1	42	30	19	10	9	5	5	4	4	128	27	5

It can be seen that the number of mobilisations by FJE78M1 have decreased significantly, the number of mobilisations in 2017/18 is 90% lower than in 2009/10.

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

Station Area	FJE78M1		
	Total Mobs (% Tot. Mobs)	Total Att. (% Tot. Att.)	% Did Not Arrive
Broad Oak	2 (1.6%)	2 (2.2%)	0 (0.0%)
Burwash	11 (8.6%)	5 (5.6%)	6 (54.5%)
Crowborough	12 (9.4%)	11 (12.4%)	1 (8.3%)
Forest Row	9 (7.0%)	7 (7.9%)	2 (22.2%)
Hastings Bohemia Rd	1 (0.8%)	1 (1.1%)	0 (0.0%)
Hastings The Ridge	2 (1.6%)	0 (0.0%)	2 (100.0%)
Heathfield	3 (2.3%)	1 (1.1%)	2 (66.7%)
Mayfield	4 (3.1%)	2 (2.2%)	2 (50.0%)
Preston Circus	2 (1.6%)	0 (0.0%)	2 (100.0%)
Uckfield	2 (1.6%)	2 (2.2%)	0 (0.0%)
Wadhurst	69 (53.9%)	53 (59.6%)	16 (23.2%)
Outside ESFRS	11 (8.6%)	5 (5.6%)	6 (54.5%)
All Mobilisations	128	89	39 (30.5%)

Out of all the incidents attended by FJE78M1, around half (55%) were to its own station ground. 9% of the time was to Crowborough, 9% was to Burwash and 7% were to Forest Row. 9% of attendances were over the border.

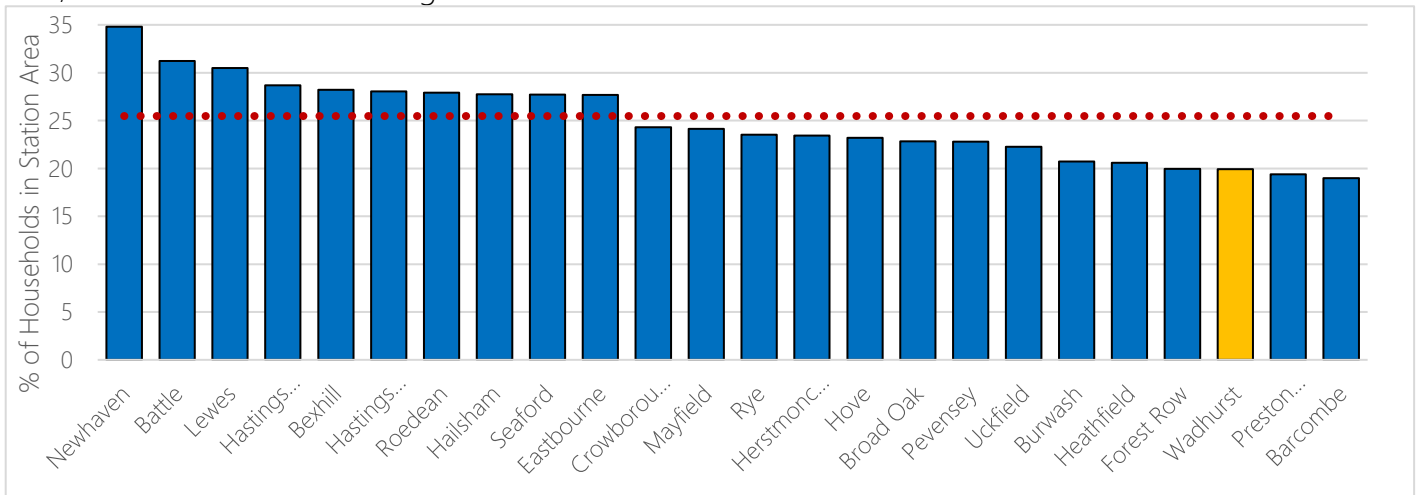
Of all the mobilisations, 31% did not arrive at the incident. This figure is highest for incidents occurring outside ESFRS (55%) and to Burwash (55%). For incidents within its own station area, it didn't arrive 23% of the time.



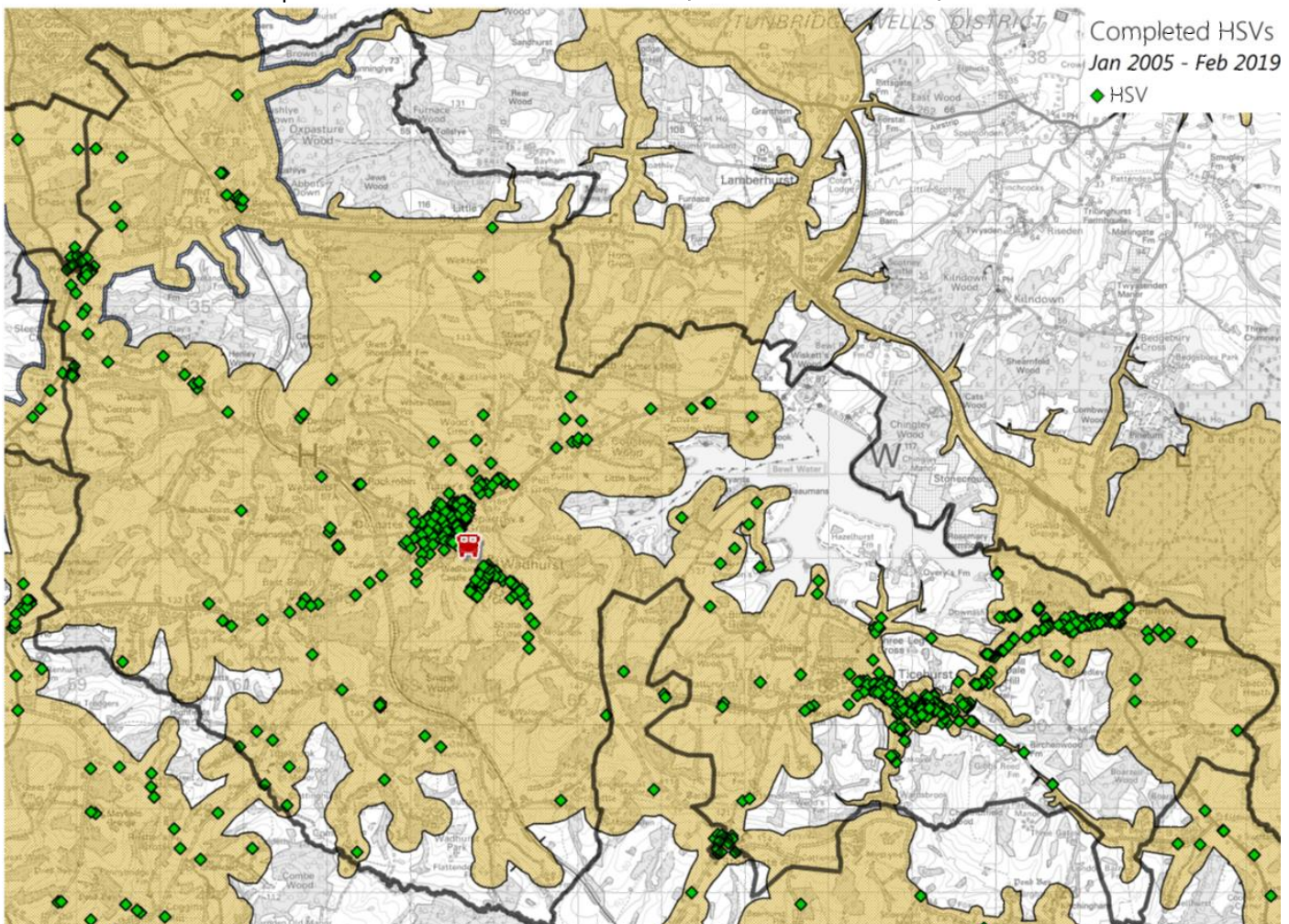
Prevention – Home Fire Safety

Between January 2005 and February 2019, a total of 583 HSVs have been undertaken within Wadhurst Station Admin area. These figures includes re-visits to the same property over the years. This equates to 266 unique households which have had a Home Safety Visit.

Over the last five years (Apr 2013 – Mar 2018), an average of 62 HSVs were undertaken each year – making up approximately 0.6% of all HSVs undertaken across the ESFRS area. 0.2% of HSVs undertaken in Wadhurst station area sit outside the attendance standards isochrone, 1% of all households fall outside the attendance standard isochrone. 26% of all households in Wadhurst station area have had a Home Safety Visit; similar to the ESFRS average of 25.5%.



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

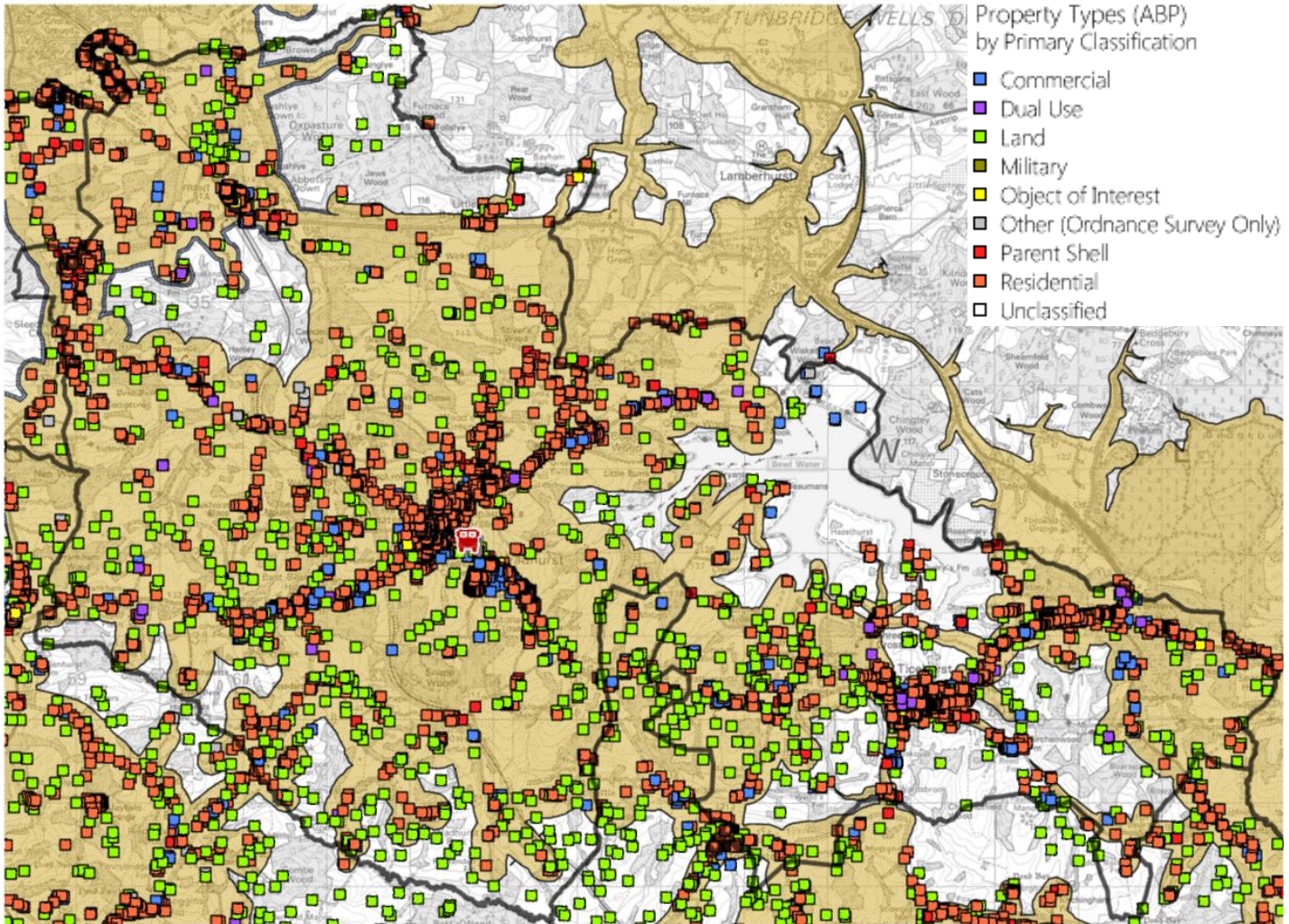




Protection – Business Safety

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)	%
Wadhurst	667	617	92.4	617	92.4

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

Around 8% of commercial properties are outside of the attendance standards isochrones.

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

Hospital	Care Home	Hostel	Hotel
1	5	0	2

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 Wadhurst Station area. An average of 2 Business Safety Audits are completed per year, most of which have been completed on care homes and hotels.

Business Safety Audits by Property Type (% within area)

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

Property Type	Wadhurst	ESFRS
A - Hospitals & Prisons	7 (15.6%)	180 (2.4%)
B - Care Home	10 (22.2%)	1,595 (21.4%)
D - Purpose Built Flats > 3 Stories	1 (2.2%)	398 (5.4%)
E - Hostel	0 (0%)	139 (1.9%)
F - Hotel	10 (22.2%)	1,379 (18.5%)
G - House Converted to Flats	2 (4.4%)	240 (3.2%)
H - Other Sleeping Accom.	3 (6.7%)	1,009 (13.6%)
J - Further Education	0 (0%)	31 (0.4%)
K - Public Building	0 (0%)	25 (0.3%)
L - Licensed Premises	1 (2.2%)	890 (12%)
M - School	3 (6.7%)	148 (2%)
N - Shop	2 (4.4%)	562 (7.6%)
P - Other Public Premises	0 (0%)	231 (3.1%)
R - Factory/Warehouse	2 (4.4%)	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	4 (8.9%)	143 (1.9%)
Total	45	7,436

Business Safety Audits by Year

Station Area	2013/14	2014/15	2015/16	2016/17	2017/18	Total	Ave. per Yr	%
Wadhurst	1	1	0	3	3	8	2	0.3



Developments

Residential

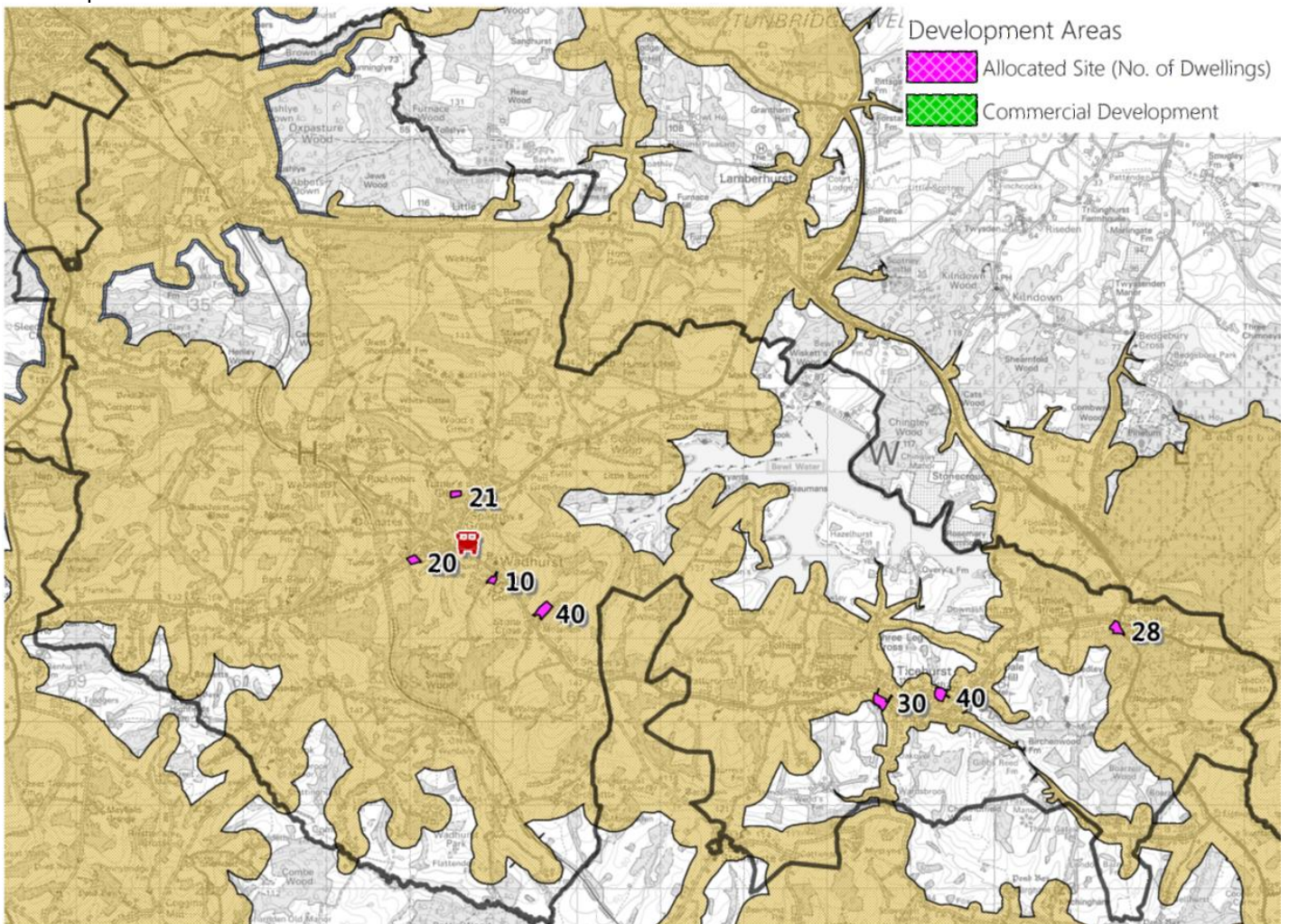
Details of residential development site allocations have been provided from the local planning office and are shown on the map below. It can be seen that there are 7 allocated sites with a total of 189 dwellings across these areas.

These fall within the attendance standards isochrones, albeit the developments around Ticehurst are on the edge of the boundary, so may fall outside the attendance standards depending on traffic conditions. However, predicted growth in housing developments does not pose a significant increase in risk for ESRs.

Commercial

There are no major commercial development sites allocated within Wadhurst station area

Development areas – allocated sites





Road Risk

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

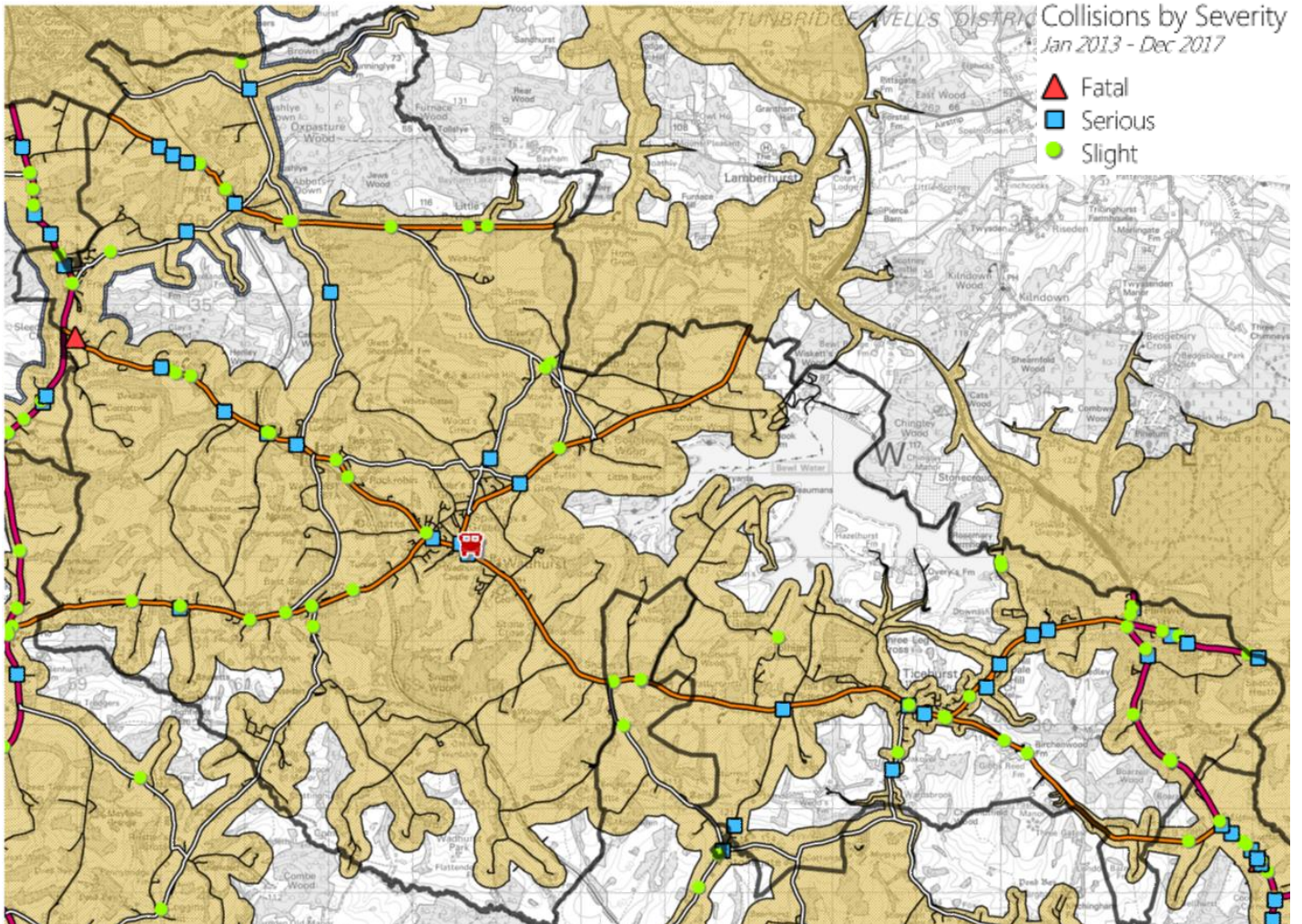
- **A roads** – major roads intended to provide large-scale transport links within or between areas.
- **B roads** – roads intended to connect different areas, and to feed traffic between A roads and smaller roads on the network.
- **Classified unnumbered** – smaller roads intended to connect together 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 Wadhurst Station area, broken down by Road type. There is approximately 199km of Road within Wadhurst station area, 17% of which are B roads, which is the largest proportion of any station area. Wadhurst also has the lowest proportion of A roads in ESFRS, with 3%.

Road Type	Wadhurst	ESFRS
A Road	5km (3%)	521km (10%)
B Road	33km (17%)	302km (6%)
Classified Unnumbered	32km (16%)	759km (14%)
Total Classified Roads	71km (36%)	3,779km (30%)
Not Classified/Unclassified	128km (64%)	1,582km (70%)
Total All Road Types	199km (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 Wadhurst 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	Wadhurst	ESFRS
Fatal	1 (1.1%)	112 (1.1%)
Serious	32 (34%)	2,235 (21%)
Slight	61 (64.9%)	8,307 (78%)
Total	94	10,654
Ave. per Year	19	2,131

There are, on average, 19 KSI collisions per year in Wadhurst station area. 35% of collisions result in serious or fatal injuries and this proportion is 13% higher than ESFRS overall.

Out of the 94 collisions, there was 1 slight that sits outside of the attendance standards isochrones. *The SSRP data did not contain the time of the collision.*

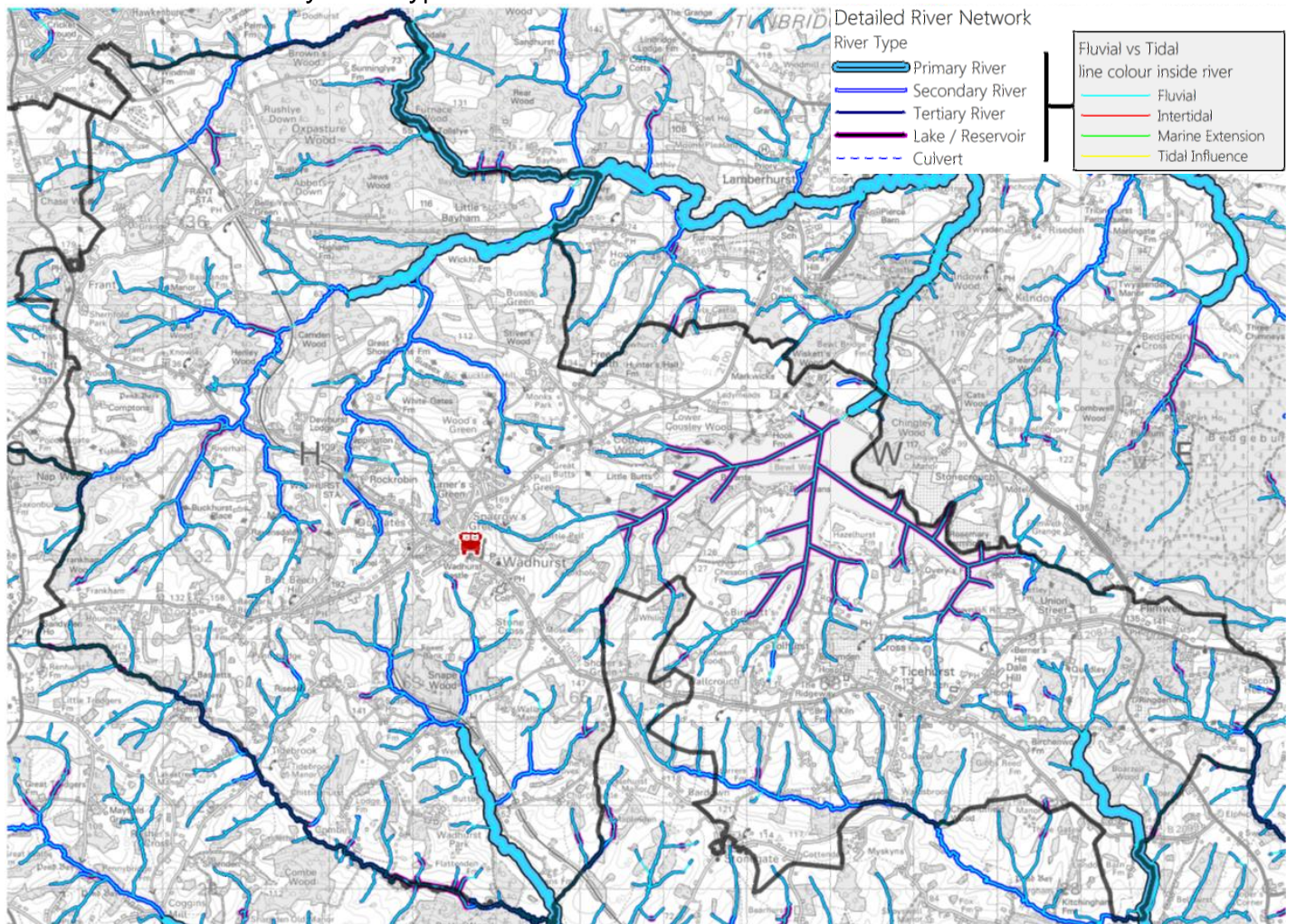


Water Risk

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



Please note that the map above does not accurately depict the scale of lakes/reservoirs as it only shows the centreline of any water feature – In the case of Wadhurst, Bewl water is a significant body of water.

Please note the following data is for river length, and not area of water body.

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 177km of rivers within the Wadhurst station area, which makes up approximately 4.5% of all rivers across the ESFRS area. This ranks Wadhurst station area as 12th out of the 24 station areas – however this calculation only takes into account river length and not area of water bodies.

Wadhurst has 22km of lakes / reservoirs, which is the highest in ESFRS, Uckfield is the next highest with 16km.

River Type	Fluvial vs Tidal	Wadhurst River Length (km)	%	ESFRS River Length	%
Primary River	Fluvial	12.92	7.3	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>12.92</i>	<i>7.3</i>	<i>662.53</i>	<i>16.9</i>
Secondary River	Fluvial	32.02	18.1	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>32.02</i>	<i>18.1</i>	<i>1,130.62</i>	<i>28.8</i>
Tertiary River	Fluvial	107.75	60.8	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>107.75</i>	<i>60.8</i>	<i>1,908.22</i>	<i>48.6</i>
Lake / Reservoir	Fluvial	21.61	12.2	111.25	2.8
Culvert	Fluvial	3.01	1.7	111.24	2.8
<i>Total Fluvial</i>		<i>177.30</i>	<i>100.0</i>	<i>3,864.01</i>	<i>98.5</i>
<i>Total Intertidal</i>		<i>0.00</i>	<i>0.0</i>	<i>4.97</i>	<i>0.1</i>
<i>Total Marine Extension</i>		<i>0.00</i>	<i>0.0</i>	<i>12.47</i>	<i>0.3</i>
<i>Total Tidal Influence</i>		<i>0.00</i>	<i>0.0</i>	<i>42.40</i>	<i>1.1</i>
Grand Total		177	100	3,923.85	100

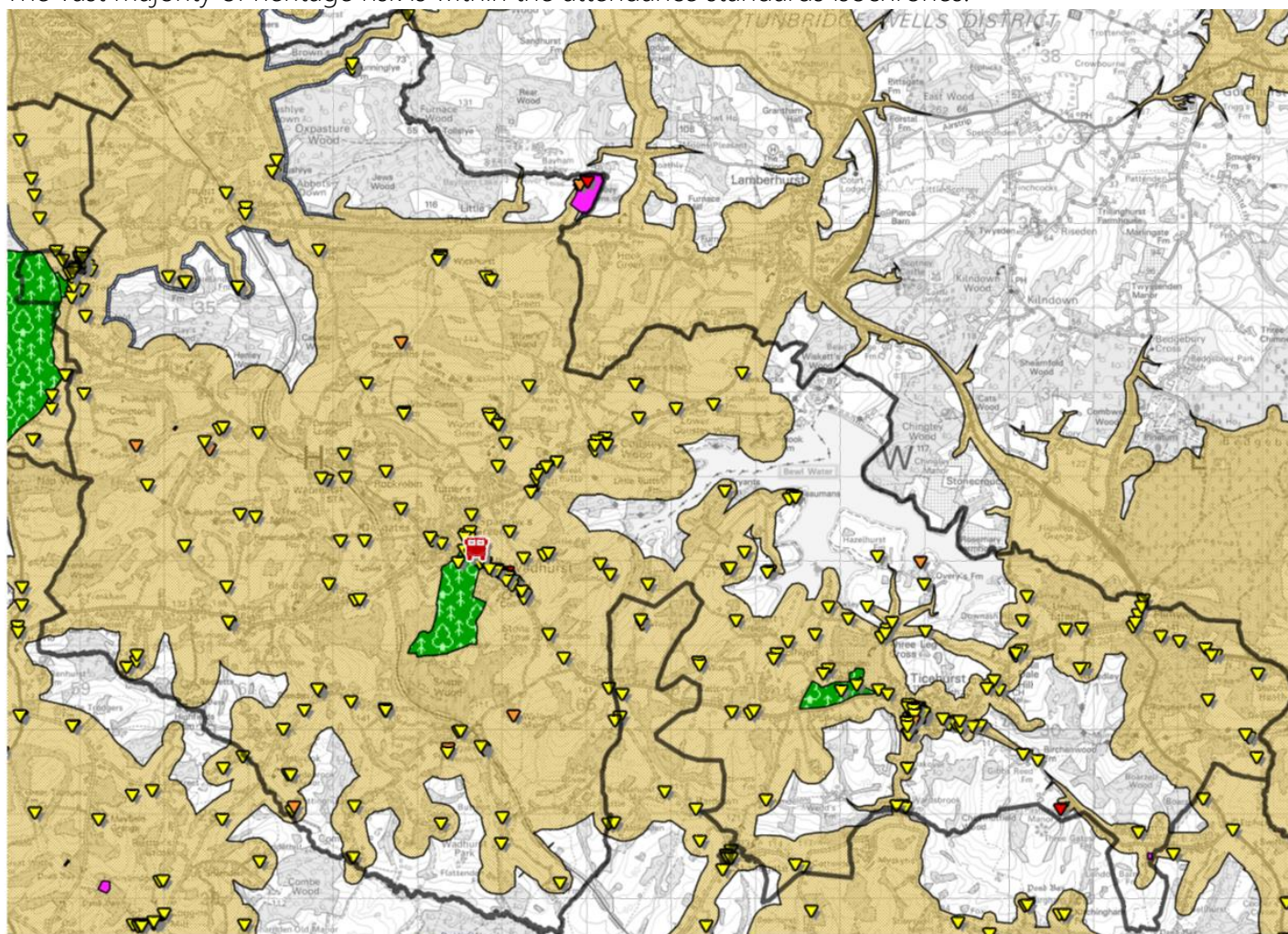
Bewl Water

As eluded to in the data above, Wadhurst station area contains large area of lakes/reservoirs, this is namely Bewl water, a reservoir that was built in the 1970s that covers an 800 acre site. It is the largest body of inland water in south east England- The scale of which is not fully described in the data above, as this deals with length and not area.

Despite this large body of water, there have been no 'Rescue or evacuation from water' incidents from 2009-2018 that ESFRS have attended.

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*	11	9	81.8	9	81.8
II	319	311	97.5	312	97.8
Total	333	321	96.4	322	96.7

There are two grade I listed buildings outside the attendance standard isochrones, these are Pashley Manor near Ticehurst and Bayham Abbey. There are also 2 grade II* and 8 grade II listed buildings that are outside the attendance standard isochrones.

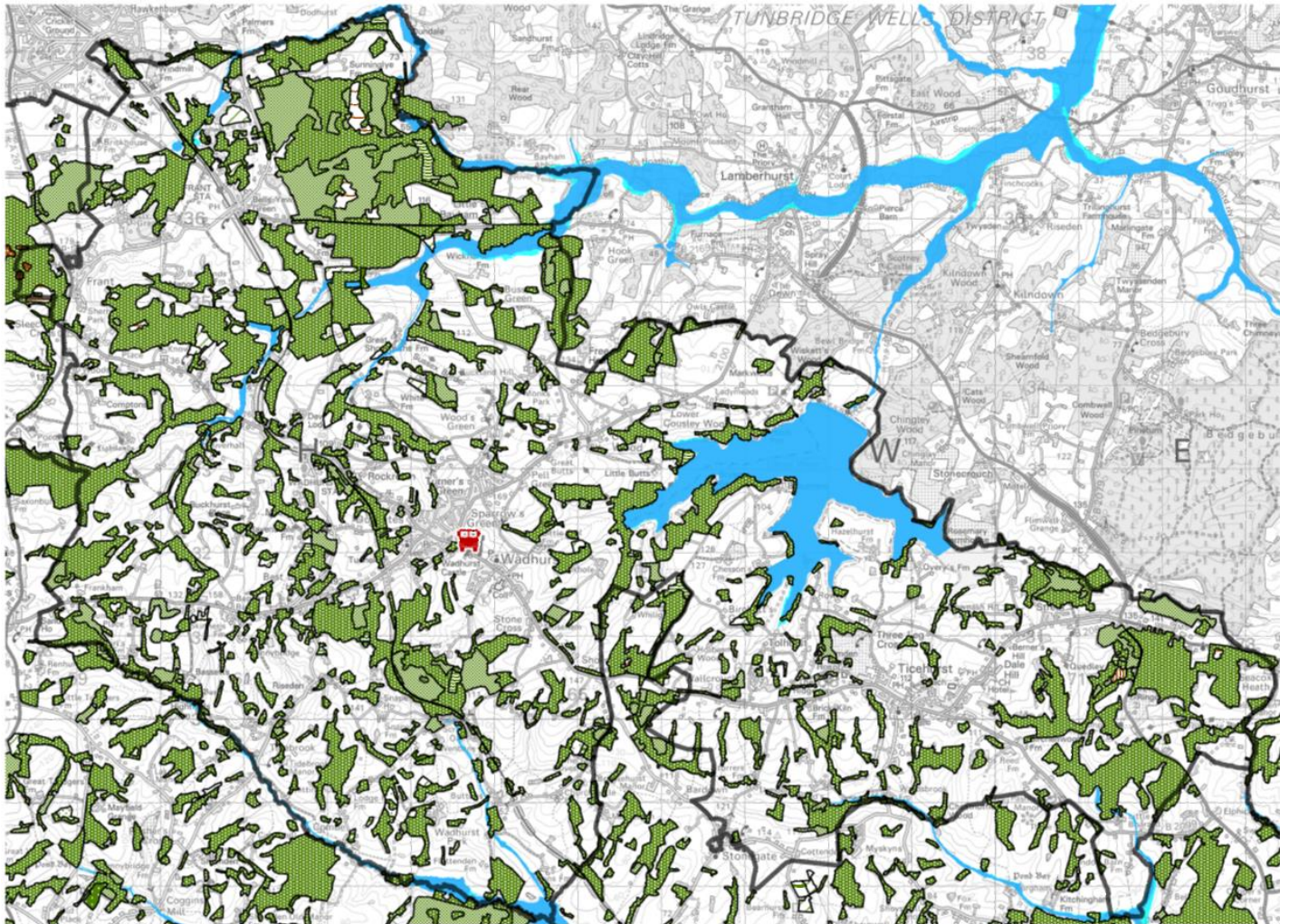


Environmental Risk

The following map shows a breakdown of various environmental risks across Wadhurst 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 Wadhurst station area classified as “special service – flooding”. This equates to 5.8% of all incidents in Wadhurst and is higher than the ESFRS proportion of 4.2% per year.

There are no Sites of Special Scientific Interest (SSSIs) in Wadhurst station area, however there are large areas of woodland and the station area sits within the High Weald area of outstanding natural beauty.



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

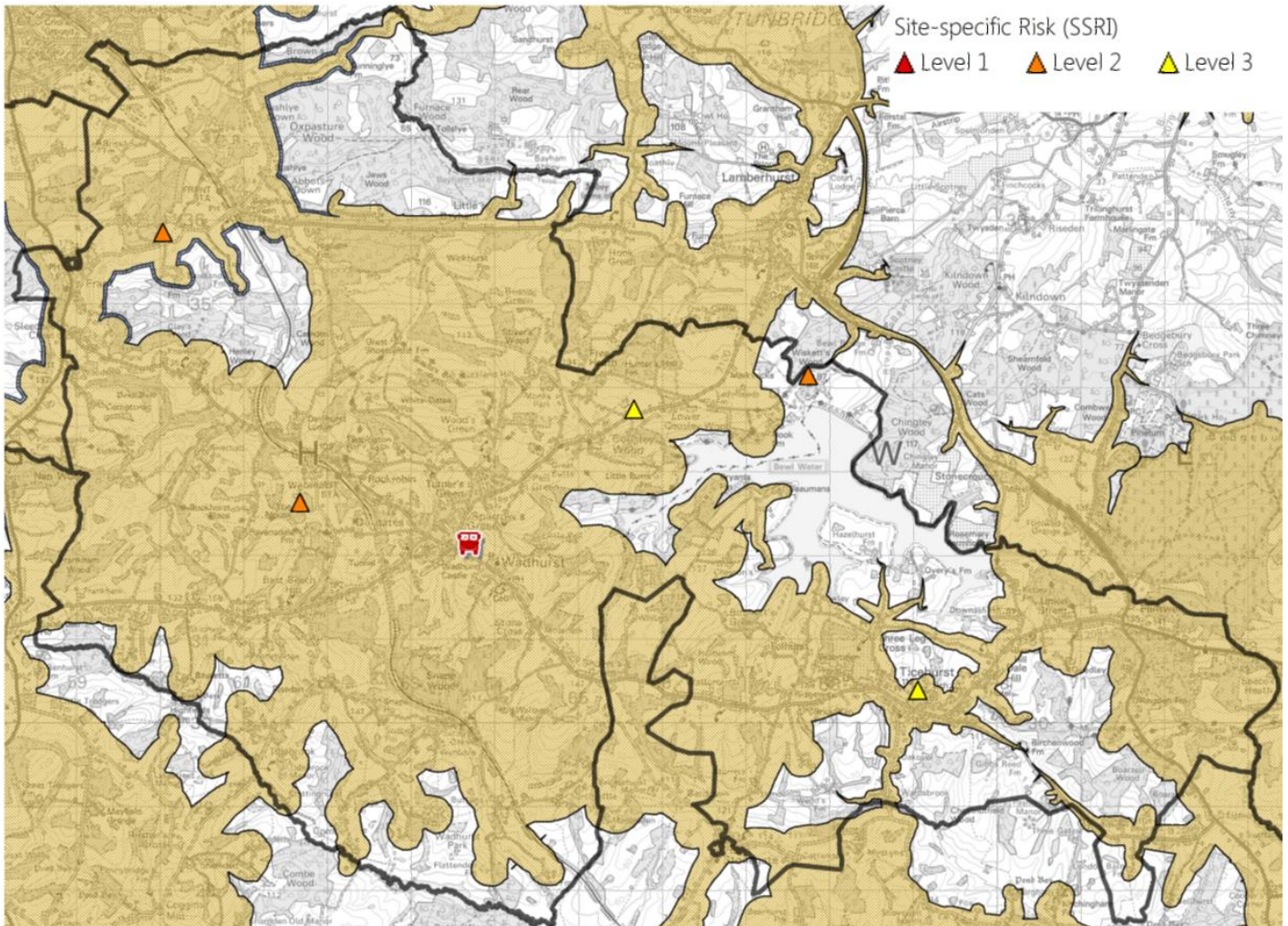
- Low density
- Mixed mainly broadleaved
- Mixed mainly conifer
- Open water
- Other vegetation
- Quarry
- Shrub
- Urban
- Young trees

Special Risk (Operational Risk)

Site-Specific Risk Information (SSRI)

There are a total of 5 SSRI (Levels 1-3) within the Wadhurst Station Admin area which is one of the lowest in ESFRS, only Pevensey have fewer with 4. The map below shows the location of these, all fall within the attendance standard isochrones, apart from one level 2 SSRI.

SSRI Risk	Wadhurst	ESFRS
Level 1	0 (0.0%)	25 (3.1%)
Level 2	3 (60.0%)	294 (36.3%)
Level 3	2 (40.0%)	461 (56.9%)
Total	5	810



High-Rise Risk

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

Special Risk

There are no COMAH sites in Wadhurst station area.

Over border risks

Located approximately 7km north west of Wadhurst town is Tunbridge wells, a large town with a population of approx. 60,000 persons, Kent FRS have a 1 pump shift station located in the town.

Located just over the northern border with Kent is Bedgebury Forest, a coniferous forest with an area of 10sqkm.

