Emergency Service Planning
Fire and Rescue Services

Royal Berkshire Fire & Rescue Service

Data Refresh (2015) and Theale Modelling

Final Report

16th September 2015
Draft Report

PLAN. PREPARE. **PERFORM.**

This document is intended to be printed double-sided. As a result, some of the pages in the document are intentionally left blank.

Disclaimer

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Accreditations

Other than data provided by Royal Berkshire Fire & Rescue Service, this report also contains data from the following sources:

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1 INTRODUCTION

1.1 ORH Limited was commissioned to undertake modelling around the potential relocation of Dee Road fire station to Theale by Royal Berkshire Fire & Rescue Service (RBFRS).

1.2 ORH has previously supported RBFRS on a range of strategic planning issues, with recent projects including modelling the optimum location for Slough station (ORH Ref: BF/14) and options for coverage in the area between Caversham and Henley (BF/16). In 2014, a data analysis and model validation process was completed using incident, response and availability data from financial year 2013/14 (BF/17).

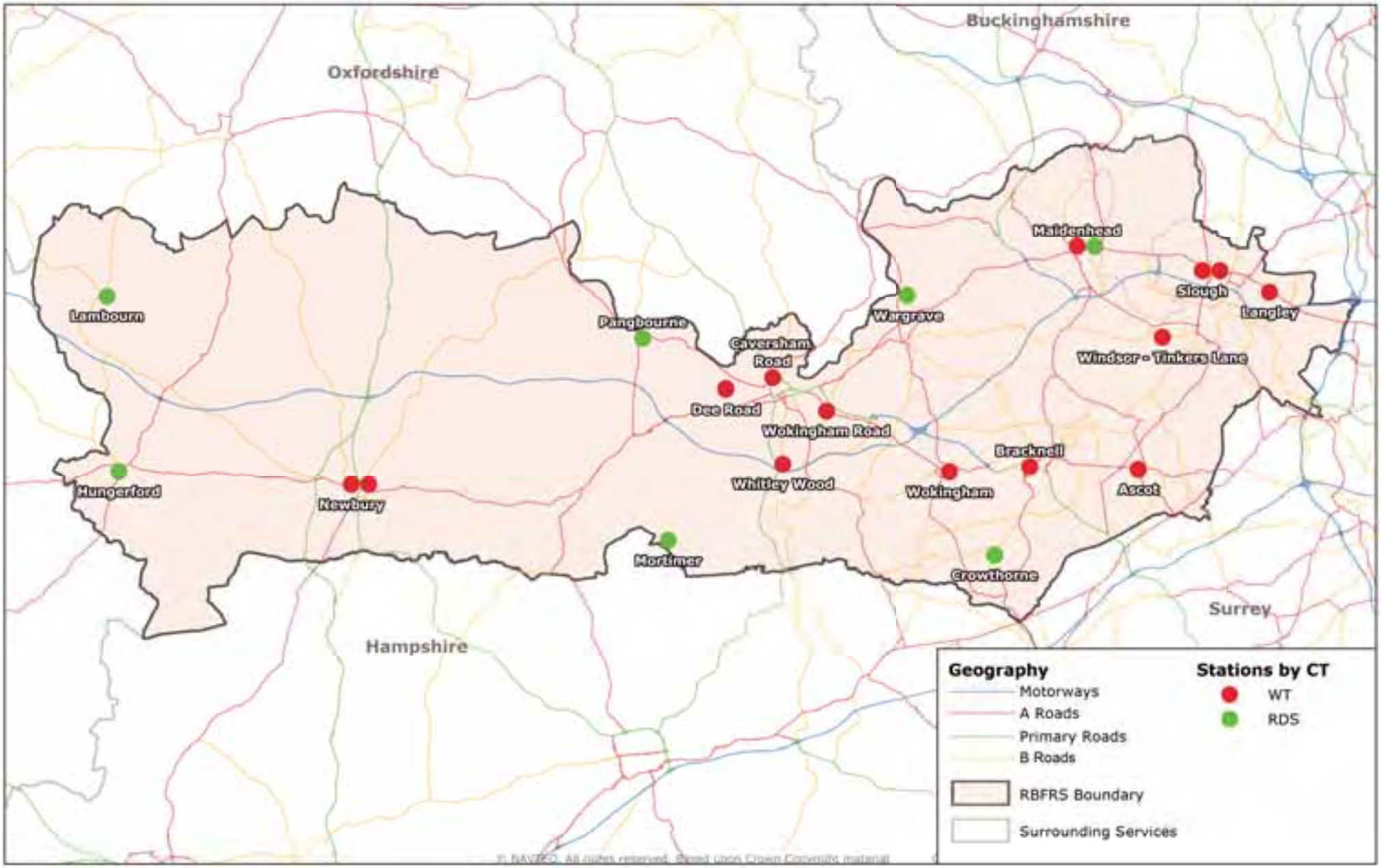
1.3 Prior to commencing the modelling, it was therefore necessary to complete a 'data refresh' of ORH's models, using incident, workload and appliance availability data from 2014/15. The approach to undertake this work, as outlined in ORH's proposal, was therefore to:

- undertake a comprehensive analysis of the current service profile incorporating workload and incident data for 2014/2015;
- refresh the model with demand rates and incident locations from the most recent year of data;
- compare the analysed and modelled response performance for the past two years; and
- model a set of five defined options for relocating Dee Road fire station to Theale.

1.4 The analysis of the current service profile is presented in Section 2, with reference made to any changes from the preceding year. The modelling approach and the outputs for the different options are discussed in Section 3 before the work is summarised in Section 4.

1.5 A Draft Report was produced on 11th September and discussed with RBFRS. This is therefore a Final Report which outlines the key findings of the data analysis and presents the results of the modelling for Theale.

Figure 1: Stations by Crew Type



2 CURRENT SERVICE PROFILE

2.1 Introduction

2.1.1 The aims of the data analysis undertaken were to: gain a quantitative understanding of the emergency cover provided by RBFRS; compare outcomes to the previous analysis; and develop appropriate model input parameters. The commentary below focuses on the similarities and differences in the two most recent years, rather than providing a full commentary on trends (which was previously covered in the BF/17 report).

2.1.2 RBFRS supplied incident data for the period 1st April 2014 to 31st March 2015, from the Incident Recording System (IRS) database, and this was processed alongside previously held data to give an eleven-year database for analysis. From previous work, it is known that a two-year sample of demand and performance data provides a suitably robust position for modelling.

2.1.3 The analysis presented in this report concerns the demand, workload and performance of pumping appliances.

2.2 Resource Profile

2.2.1 A map of the station locations and crewing at each is presented in Appendix **A1** and Figure **1** opposite. In the past two years, the following changes for stations/appliances have taken place in RBFRS:

- The change in crewing of the second pumping appliance at Newbury (from RDS to Wholetime);
- The removal of the RDS appliance at Bracknell;
- Ascot station being crewed by a wholetime appliance (operating as a satellite from Bracknell) – this effectively replaced the RDS appliance previously at Ascot;
- Windsor (Tinkers Lane) operating as a wholetime station (satellite appliance from Slough).

2.2.2 These changes were all captured within the analysis of appliance availability and the model refresh (see sub-section 3.2).

2.2.3 Data for retained appliance availability was collected for each RDS pumping appliance, and a sample from Firewatch was provided to ORH (April 2014 to March 2015). This data was combined with the RDS appliance availability data from 2013/14 to provide a two-year sample, from which it was possible to calculate the availability of each callsign by month. Summaries of appliance availability are provided in Appendix **A2**.

2.2.4 The monthly profile of appliance availability is shown in Appendix **A2a**. The overall average appliance availability for 2014/15 is 52%, which is a decrease from the 2013/14 average (68%). Over the most recent two financial years (2013/14 to 2014/15), Hungerford has the most available

Figure 2: Annual Average Daily Incident Demand Summary

FY	Response Type	False Alarm	Fire	Special Service	Total
2004/05	1 Appliance	8.6	7.3	6.0	21.9
	2+ Appliance	6.0	2.8	1.7	10.5
	Total	**14.6**	**10.2**	**7.7**	**32.4**
2005/06	1 Appliance	7.8	7.2	5.9	21.0
	2+ Appliance	6.8	2.8	1.2	10.8
	Total	**14.6**	**10.0**	**7.2**	**31.8**
2006/07	1 Appliance	7.8	6.7	6.3	20.7
	2+ Appliance	6.4	2.7	1.3	10.3
	Total	**14.1**	**9.4**	**7.6**	**31.1**
2007/08	1 Appliance	9.1	5.8	4.1	18.9
	2+ Appliance	6.2	2.6	0.9	9.7
	Total	**15.3**	**8.4**	**5.0**	**28.7**
2008/09	1 Appliance	12.3	5.3	4.3	21.9
	2+ Appliance	2.1	2.2	0.7	5.0
	Total	**14.3**	**7.5**	**5.0**	**26.9**
2009/10	1 Appliance	10.2	5.5	3.9	19.5
	2+ Appliance	1.7	2.1	0.7	4.5
	Total	**11.9**	**7.6**	**4.6**	**24.1**
2010/11	1 Appliance	8.5	5.8	2.5	16.9
	2+ Appliance	1.4	2.2	0.7	4.3
	Total	**9.9**	**8.0**	**3.3**	**21.2**
2011/12	1 Appliance	6.8	5.6	2.2	14.6
	2+ Appliance	1.6	2.1	0.7	4.4
	Total	**8.4**	**7.7**	**2.9**	**19.0**
2012/13	1 Appliance	5.9	3.8	2.3	12.0
	2+ Appliance	1.7	1.8	0.9	4.3
	Total	**7.6**	**5.5**	**3.2**	**16.3**
2013/14	1 Appliance	6.9	3.7	2.5	13.1
	2+ Appliance	0.9	1.6	1.1	3.6
	Total	**7.8**	**5.3**	**3.6**	**16.7**
2014/15	1 Appliance	6.7	3.1	2.4	12.1
	2+ Appliance	1.0	1.5	0.9	3.4
	Total	**7.7**	**4.6**	**3.2**	**15.6**
11-Year Average	1 Appliance	8.2	5.5	3.9	17.6
	2+ Appliance	3.3	2.2	1.0	6.5
	Total	**11.5**	**7.7**	**4.9**	**24.0**
2-Year Average	1 Appliance	6.8	3.4	2.5	12.6
	2+ Appliance	1.0	1.6	1.0	3.5
	Total	**7.7**	**5.0**	**3.4**	**16.1**

Note:
Demand on days of Industrial Action has been removed

RDS appliance (87% availability). The least available appliance is at Wargrave, with the appliance only available 26% of the time across the sample, with some months showing 0% availability.

2.2.5 The analysis in Appendix **A2b** provides the hourly availability of each RDS pumping appliance for the two most recent financial years. Over the course of the 24-hour period, the average level of availability is at its lowest between 07:00 and 18:00 hours. For all hours of the day, Wargrave is the least available appliance.

2.2.6 There is a potential issue with the RDS availability data at 23:00 hours in the sample, with a sharp drop shown for availability at this time in the most recent year of the data. The data files covering April to September 2014 have almost no RDS availability at this time, even if the appliance is available in the surrounding hours. In determining the modelling inputs for availability, this hour has been removed.

2.2.7 A summary of the RDS availability by appliance and modelling period is given in Appendix **A2c**; availability is much higher at evening and night for all appliances.

2.3 Demand Profile

2.3.1 The demand analysis presented in this report considers incidents within Berkshire that are attended by at least one RBFRS pumping appliance.

2.3.2 The sample of incident data analysed covers the period April 2004 to March 2015 and the data analysis is presented by financial year. Two sampling periods have been used in the data analysis; an eleven-year sample (April 2004 to March 2015) to consider trends and incident locations, and a two-year sample (April 2013 to March 2015) for performance analysis.

2.3.3 An analysis of the daily average number of incidents by year, by type and the number of pumping appliances in attendance is presented in Appendix **B1** and summarised in Figure **2** opposite. These are sub-divided in the following Appendices:

- All Incidents — Appendix **B1a**
- Fires — Appendix **B1b**
- Special Service — Appendix **B1c**
- False Alarms — Appendix **B1d**

2.3.4 There has been a significant decline in the number of incidents in Berkshire over the eleven-year sample. Over the eleven-year sample period, the daily average number of incidents within Berkshire has fallen from 32.4 in 2004/05 to 15.6 in 2014/15.

2.3.5 Analyses of historical incident patterns are provided in Appendix **B2**. The seasonality of incident demand across the eleven-year sample period is illustrated in Appendix **B2a**. The seasonality of Fire incidents is demonstrated with peaks in most years during the summer months, in

particular July. For Special Service incidents, there was a significant increase in demand for winter 2013/14 compared to the previous two winters, likely to be as a result of the flooding in the area.

2.3.6 Focusing on the two-year sample, demand by incident type and the number of responding pumping appliances, is presented in Appendix **B2b**. This shows the peak in fires in July 2013 and in Special Service incidents in February 2014. Apart from these peaks, the demand profile across the most recent two years is very similar.

2.3.7 The hourly demand profile for All incidents is presented in Appendix **B3**. The peak hours of demand are between 16:00 and 21:00 hours, in the evening, and the quietest period is between 00:00 and 08:00 hours, in the early hours of the morning. The periods of the day/week to be used in the modelling are also shown.

2.4 Geographical Location Profile

2.4.1 Analyses of the locations of incidents and responding callsigns are given in Appendix **C**.

2.4.2 Maps presenting the locations of incidents over the eleven-year sample (April 2004 to March 2015) are shown in Appendix **C1**, broken down by all incidents (**C1a**), one-appliance (**C1b**) and two-plus-appliance (**C1c**).

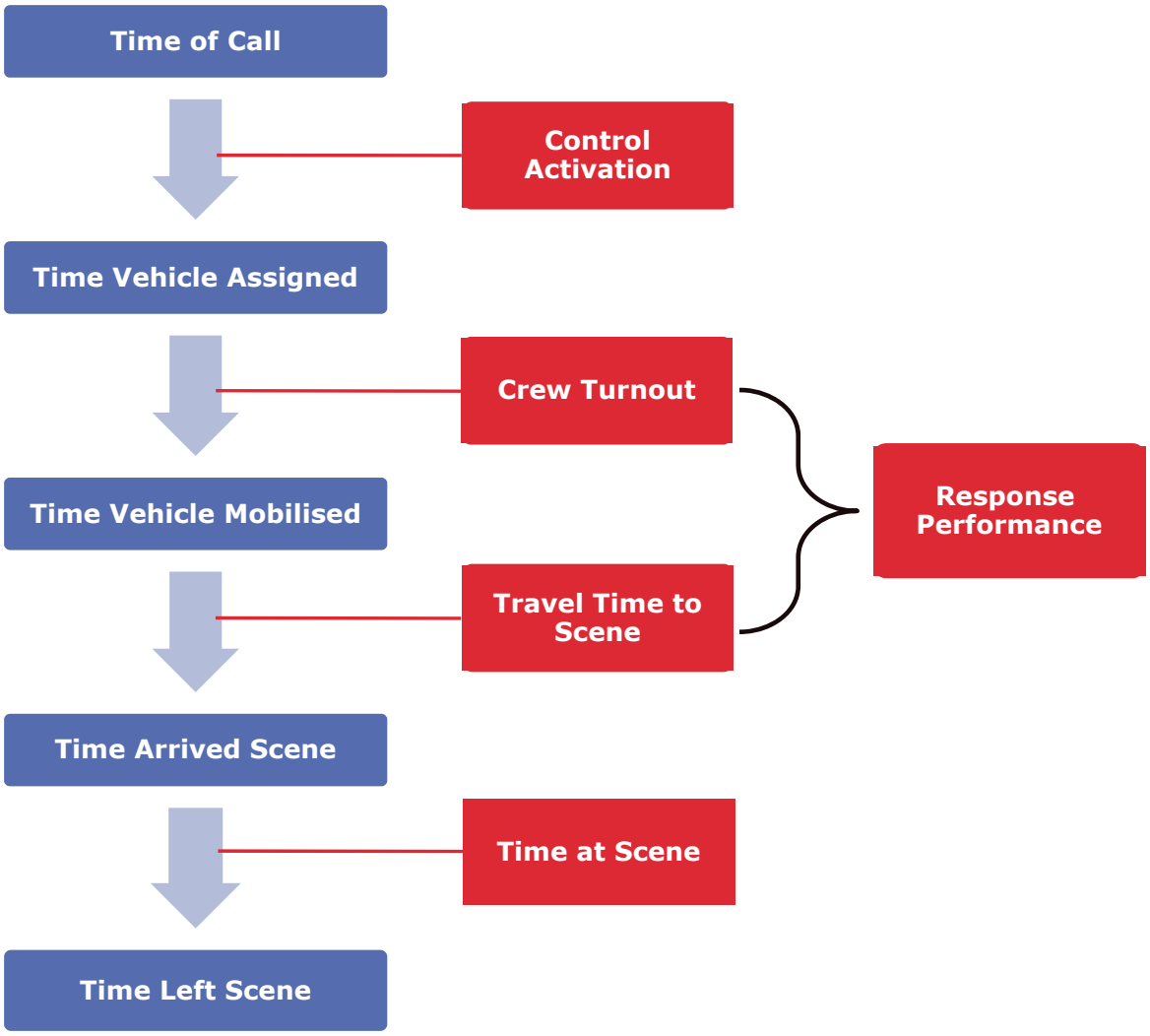
2.4.3 For All incident categories, a high concentration of incidents is observed around the main urban areas. The patterns by incident type and response category are very similar to those presented in the previous report and are therefore not shown individually here.

2.4.4 Appendix **C2** considers the similarity of incident locations year-on-year, for each incident category. The demand by incident type by District for each financial year of the eleven-year sample is presented in Appendix **C2a** and the proportion of incidents is given in Appendix **C2b**. The distribution of incidents by District does not vary significantly across the eleven-year sample period.

2.4.5 For the most recent five financial years, maps of the annual incident distributions are presented in Appendix **C2c**. These maps further support the analysis that the year-on-year distribution of incidents remains fairly similar.

2.4.6 Analysis of responses by station is provided in Appendix **C3**, broken down by total responses (**C3a**) and average daily responses (**C3b**). No responses were made from Ascot in 2014/15 as the RDS appliance located here at this time was not available. The station with the highest workload over the last two years is Slough, with an average of 1,104 attendances per year. The stations with the lowest two-year average number of responses are those where the lowest availability of RDS appliances are noted (Lambourn, Pangbourne and Wargrave).

Figure 3: Call Components



2.5 Response Profile

2.5.1 Analysis presented in this report makes use of the time fields within the CAD associated with pumping appliances responding to incidents. Figure **3** opposite provides an overview of the structure of the call components referred to in this report.

2.5.2 Appendix **D** provides a few summaries of the response profile, presenting trends over the eleven-year sample and comparisons between the most recent two years. As outlined above in respect to the demand analysis, the more detailed analysis outputs, which were produced for the previous report, have not been replicated here as the general patterns are very similar.

2.5.3 Appendix **D1** compares the response performance in 2013/14 and 2014/15 for a number of different measures. Within all of this analysis, there are strong similarities between the two years. There are some examples within the call component graphs of 'spikes' or gaps in the data. These occur because there are only one or two data points in the sample, which can create anomalies within the analysis.

2.5.4 The historical profile of crew response time (the primary measure used for reporting response performance) is presented in Appendix **D2** by incident type (see **D2a**) and by district (see **D2b**). These analyses again show that the 2014/15 data are in line with the recent profile of responses.

2.5.5 For the most recent two years, the cumulative response profile for all incidents is provided in Appendix **D3**. The average response performance for the 1st appliance to 2+ appliance incidents was 82% within 10 minutes, whilst the 2nd appliance attended within 12 minutes 75% of the time.

2.5.6 It should be noted that the simulation model does not incorporate Control Activation times. These are independent of the operational response times and do not form part of the attendance standards to be reported against.

2.6 Analysis Overview

2.6.1 All of the analysis presented above has shown a close correspondence in the two most recent years of data. The most significant differences are in the levels of RDS availability.

2.6.2 In order to populate the simulation model, inputs were derived by modelling period, and a summary is provided in Figure **4** overleaf. This presents the average crew turnout times, hourly demand, appliance availability and crew response performance by modelling period.

Figure 4: Modelling Period Summary

Performance Measure			Modelling Period				Overall
			1 - Weekday Day	2 - Weekend Day	3 - Evening	4 - Night	
			08:00-18:00	08:00-18:00	18:00-00:00	00:00-08:00	
Crew Turnout	Wholetime		01:23	01:21	01:23	01:48	01:27
	Retained		03:48	03:41	03:44	05:09	03:58
Hourly Demand	False Alarm		0.367	0.416	0.414	0.180	0.322
	Fire		0.228	0.257	0.302	0.101	0.208
	Special Service		0.208	0.198	0.155	0.057	0.143
	Total		0.803	0.871	0.870	0.337	0.673
RDS Availability	Hungerford	05P1	86.6%	53.2%	94.8%	95.2%	87.2%
	Lambourn	06P1	27.4%	31.3%	60.2%	72.3%	50.7%
	Pangbourne	07P1	14.2%	32.6%	54.8%	73.5%	45.9%
	Wargrave	09P1	1.3%	27.6%	35.7%	39.8%	25.4%
	Mortimer	11P1	51.4%	42.9%	63.8%	67.0%	58.5%
	Crowthorne	15P1	58.9%	64.9%	90.5%	94.2%	78.8%
	Maidenhead	19P2	35.6%	76.3%	91.7%	87.1%	70.7%
Crew Response Performance	1st Appliance		07:34	07:22	06:54	07:31	07:18
	2nd Appliance		10:23	09:57	09:04	10:18	09:55

Note:

Two-year sample period (April 2013 to March 2015)

RDS availability excludes hour 23 in analysis due to potential data issue in new sample

3 MODELLING RESULTS

3.1 Introduction

3.1.1 As part of the previous work (BF/17), a complete model validation was undertaken which ensured that the model was calibrated against known performance.

3.1.2 Given the changes in the deployment of appliances across Berkshire (see Paragraph 2.2.1), the lower level of RDS availability for certain appliances and the reduced incident demand, it was necessary to 'refresh' the model with up-to-date data, however a full revalidation was not required. This resulted in a new base position to use for comparison purposes; the approach undertaken is described below.

3.1.3 RBFRS specified that three different assumptions regarding RDS availability should be used for modelling the relocation of Dee Road station to Theale. These assumptions have been applied in modelling each of the five potential locations, and the outputs are summarised below.

3.2 Modelling Setup

3.2.1 The previous report identified modelling periods to represent the fluctuations in demand, performance and appliance availability that occur across the day. Four modelling periods were selected ensuring that demand levels and Crew Turnout times are reasonably consistent across the individual periods, and reflect current shift operation patterns. The modelling periods are as follows:

- 'Day – Weekday' = 08:00 to 18:00 Monday to Friday
- 'Day – Weekend' = 08:00 to 18:00 Saturday and Sunday
- 'Evening' = 18:00 to 00:00
- 'Night' = 00:00 to 08:00

3.2.2 The summary of the data analysis presented in Figure **4** includes some of the inputs used within the model. From the previous position, the following changes were made (by modelling period) in order to refresh the model with 2014/15 data (unless otherwise stated, the model inputs are now based on the average of 2013/14 and 2014/15):

- Call rates by incident type;
- RDS appliance availability;
- The distribution of incidents was updated from a six-year period to a seven-year period to include 2014/15 incident locations;
- Turnout times by appliance.

3.2.3 For all modelling options, response performance was compared to the appropriate modelled base position for the following measures (by district):

- All incidents: average 1st response, % of 1st responses in 10 minutes, average 2nd response, % of 2nd responses in 12 minutes;
- Dwelling Fires: % of 1st responses in 10 minutes, % of 2nd responses in 12 minutes; and
- RTCs: % of 1st responses in 11 minutes.

3.3 Modelled Base Positions

3.3.1 Three different scenarios were specified by RBFRS for the availability of RDS appliances in the model (against which the proposed relocation from Dee Road to Theale was to be modelled):

a) Actual (analysed) availability for all RDS appliances ('Base A' – see Appendix **E**);

b) Pangbourne (Station 7) 0% available; all other RDS as actual availability ('Base B' – see Appendix **F**); and

c) All RDS appliances 100% available ('Base C' – see Appendix **G**).

3.3.2 Base A is the closest representation of the current position and the comparison of this with the previous base position (BF/17, 2012/13-2013/14 model validation) is shown in Appendix **E1**. In terms of response performance impacts, the following observations are noted:

- An improvement to performance in Bracknell Forest and Windsor & Maidenhead across all measures (associated with the crewing changes at Ascot and Bracknell stations).
- A deterioration in Wokingham and West Berkshire districts (as a result of reduced RDS availability).

3.3.3 In Base B, the only change from Base A is that Pangbourne's RDS appliance has been set to 0% available (in the two most recent years this vehicle was available 47% of the time). This base position is compared to Base A in Appendix **F1**. There is a deterioration in response performance in Reading and West Berkshire districts associated with Pangbourne being unavailable.

3.3.4 For Base C (see Appendix **G1**), there are improvements in response performance to most districts as a result of all RDS appliances being 100% available. The service-wide performance improves by 1.5% for both 1st and 2nd response to dwelling fires and by 1.9% for 1st response to RTCs. Average response times to all incidents improve by 9 seconds for 1st response and by 11 seconds for 2nd response.

3.4 Modelling Results

3.4.1 Five potential locations for siting the new Theale fire station were provided to ORH by RBFRS. Having examined these locations, and following discussion with RBFRS, it was determined that the close proximity of sites FJY Theale 1 and FJY Theale 2 would give no discernible differences in terms of the modelling results. Modelling runs were therefore undertaken for four options: FJY Theale 1/2, FJY Theale 3, FJY Theale 4 and FJY Theale 5.

3.4.2 In each case, the current station at Dee Road was closed and replaced by the new Theale station, with the same parameters for mobilisation time and availability applied to the new location.

3.4.3 The four modelling options were undertaken as individual runs against each of the three base positions described above. The full modelling results are presented by the starting base position in Appendices **E** to **G**. For each base position, a summary of the modelled performance impacts service-wide, and for the two most affected districts (Reading and West Berkshire), is shown for the four options (for example, see Appendix **E6** for Base A).

3.4.4 The following observations are made on the response performance impacts:

- For all sites at the service-wide level, 1st response times to all incidents remain broadly similar with a slight deterioration for the average 2nd response (+10s to +14s). There are small improvements to dwelling fires for 1st response in 10 minutes, but small decreases for 2nd responses within 12 minutes.
- The service-wide RTC measure improves in all options (by around 2.5% to 3% for the 1st response within 11 minutes), associated with quicker response times to the M4 and A4.
- All options have detrimental impacts within the Reading district, particularly for 2nd response to all incidents and to dwelling fires; 1st response to RTCs in Reading is largely unaffected.
- In West Berkshire district, there are significant improvements for all response performance measures under each of the options modelled.
- There are strong similarities in the modelled performance impacts associated with FJY Theale 1/2 and FJY Theale 4; these options are shown to have the most positive impacts service-wide.
- FJY Theale 5 has the most detrimental impact on response times to Reading and consequently the least positive impacts service-wide.

4 SUMMARY

4.1 This is a Final Report for a study to refresh ORH's simulation model and to undertake modelling around the potential site for a new Theale fire station for RBFRS.

4.2 Data collection and analysis were undertaken and a summary of service delivery has been presented (see Section 2). The data analysis focused on an eleven-year sample, to identify historical trends in the demand and operational profile, and a two-year sample to identify current performance trends for RBFRS. The two most recent years have been compared in terms of incident demand, appliance availability and response performance.

4.3 As part of the previous work undertaken by ORH for RBFRS (BF/17), model preparation and a calibration of travel times were completed as part of a model validation process, which was shown to give a close correspondence between analysed and modelled performance. This model was refreshed with the data from 2014/15, as described in sub-section 3.2, with three different base positions established according to RDS availability (see sub-section 3.3).

4.4 Modelling results have been presented for five specified locations for a new station in Theale, to replace the current station at Dee Road. All of the locations would provide a benefit to response times in West Berkshire, but would have a detrimental effect on Reading district.

4.5 From a response modelling perspective, the favoured sites are shown to be FJY Theale 1/2 and FJY Theale 4; FJY Theale 5 would have the most detrimental impact on response times to Reading and consequently the least positive impacts service-wide.

Appendices

A	Stations and Pumping Appliance Availability
B	Current Service Demand
C	Geographical Location Analysis
D	Response Profile Analysis
E	Modelling Results – Base A
F	Modelling Results – Base B
G	Modelling Results – Base C

Royal Berkshire Fire & Rescue Service

Data Refresh (2015) and Theale Modelling

Final Report

ORH/BF/19

A Stations and Pumping Appliance Availability

A1 Stations by Crew Type

A2 RDS Appliance Availability Analysis (2013/14 and 2014/15)

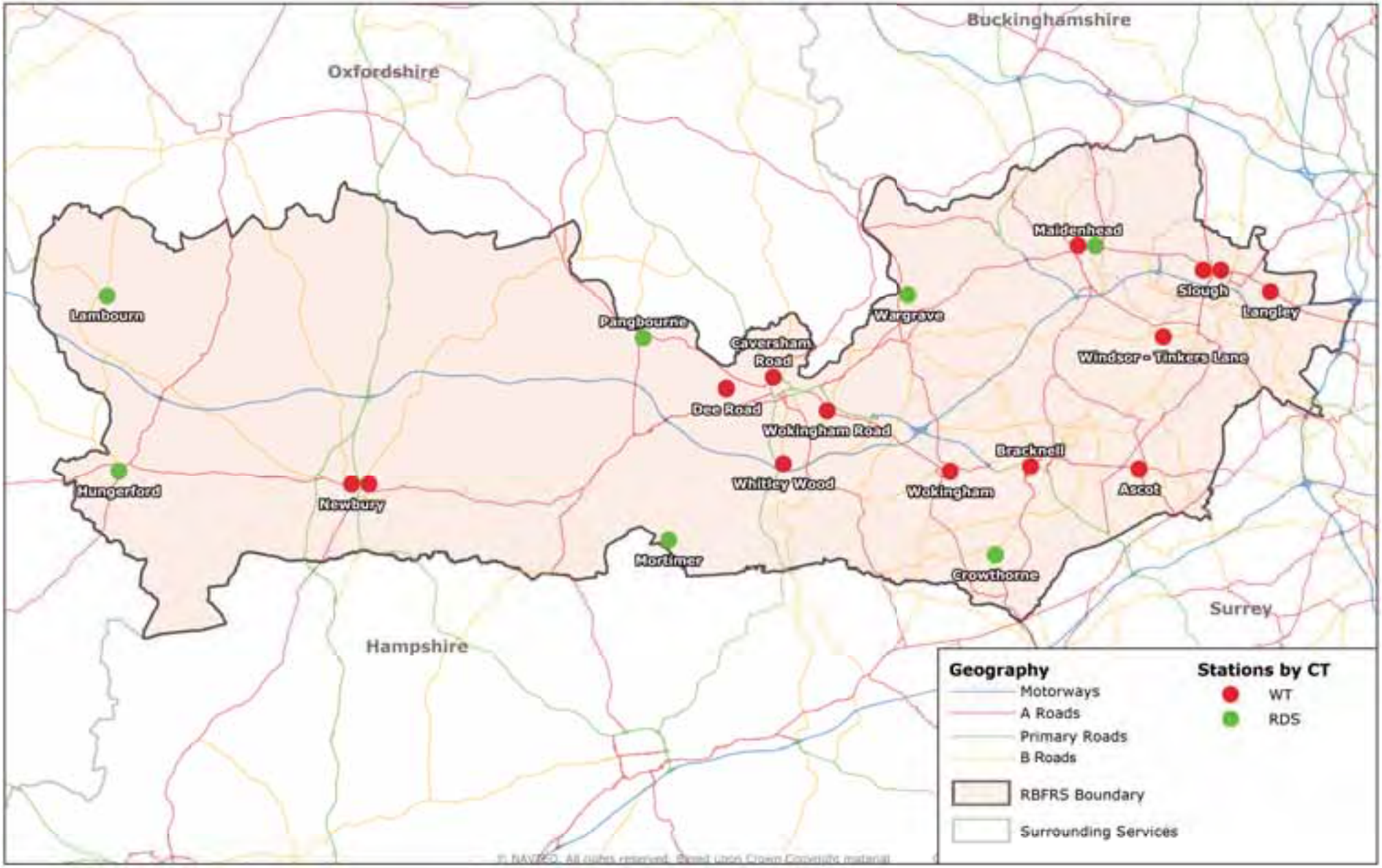
A2a Availability by Month

A2b Availability by Hour

A2c Availability by Modelling Period

RBFRS - Data Refresh (2015)

Stations By Crew Type



A1

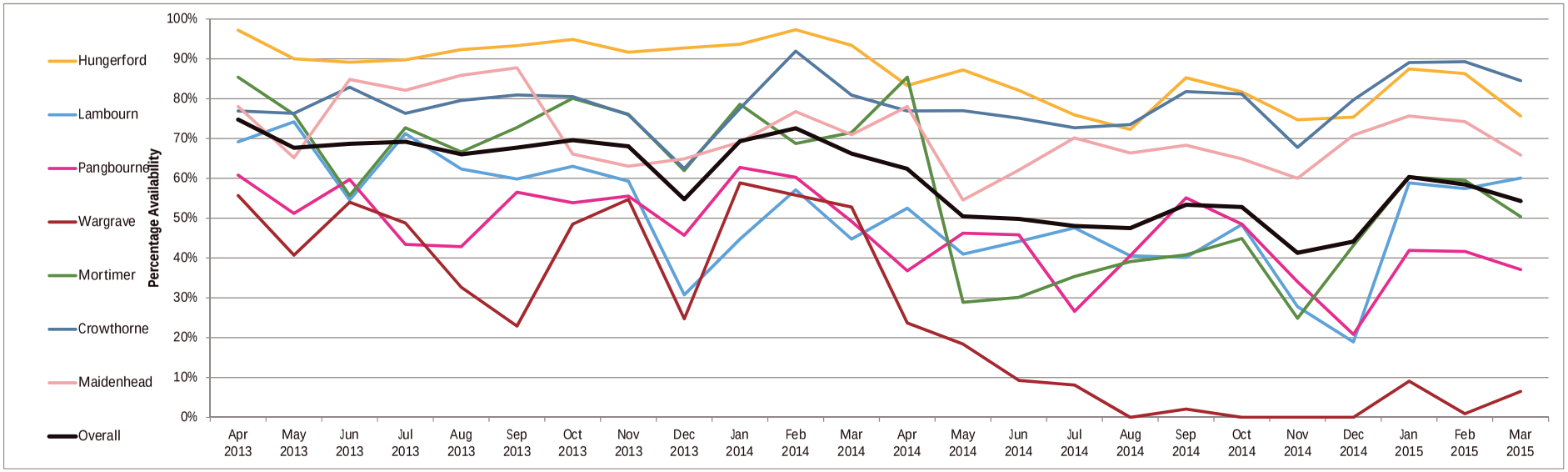
RBFRS - Data Refresh (2015) and Theale Modelling

Appliance Availability

2 Year Sample Period (01/04/2013 to 31/03/2015)

Percentage Available

Stn Code	Station	Apr 2013	May 2013	Jun 2013	Jul 2013	Aug 2013	Sep 2013	Oct 2013	Nov 2013	Dec 2013	Jan 2014	Feb 2014	Mar 2014	Apr 2014	May 2014	Jun 2014	Jul 2014	Aug 2014	Sep 2014	Oct 2014	Nov 2014	Dec 2014	Jan 2015	Feb 2015	Mar 2015	2-Year Average	2013/14 Average	2014/15 Average
05	Hungerford	97%	90%	89%	90%	92%	93%	95%	92%	93%	94%	97%	93%	83%	87%	82%	76%	72%	85%	82%	75%	75%	88%	86%	76%	87%	93%	81%
06	Lambourn	69%	74%	55%	71%	62%	60%	63%	59%	**31%**	45%	57%	45%	53%	41%	44%	48%	41%	40%	48%	**28%**	**19%**	59%	57%	60%	51%	58%	45%
07	Pangbourne	61%	51%	60%	43%	43%	57%	54%	56%	46%	63%	60%	49%	**37%**	46%	46%	**27%**	41%	55%	49%	**34%**	**21%**	42%	42%	**37%**	47%	53%	40%
09	Wargrave	56%	41%	54%	49%	**33%**	**23%**	49%	55%	**25%**	59%	56%	53%	**24%**	**18%**	**9%**	**8%**	**0%**	**2%**	**0%**	**0%**	**0%**	**9%**	**1%**	**6%**	26%	46%	7%
11	Mortimer	85%	76%	56%	73%	67%	73%	80%	76%	62%	79%	69%	72%	85%	**29%**	**30%**	**35%**	**39%**	41%	45%	**25%**	43%	60%	60%	50%	59%	72%	45%
15	Crowthorne	77%	76%	83%	76%	80%	81%	81%	76%	63%	78%	92%	81%	77%	77%	75%	73%	74%	82%	81%	68%	80%	89%	89%	85%	79%	79%	79%
19	Maidenhead	78%	65%	85%	82%	86%	88%	66%	63%	65%	69%	77%	71%	78%	55%	62%	70%	66%	68%	65%	60%	71%	76%	74%	66%	71%	75%	68%
Overall		75%	68%	69%	69%	66%	68%	70%	68%	55%	69%	73%	66%	62%	50%	50%	48%	48%	53%	53%	41%	44%	60%	58%	54%	60%	68%	52%



A2a

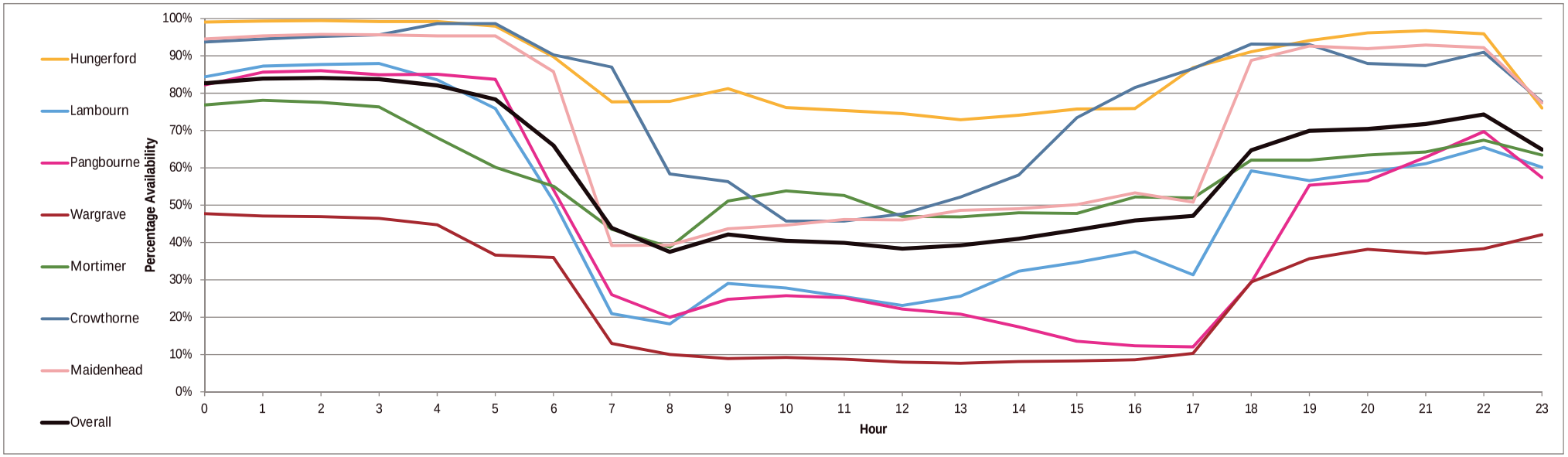
RBFRS - Data Refresh (2015) and Theale Modelling

Appliance Availability by Hour

All Days; 2 Year Sample Period (01/04/13 to 31/03/15)

Percentage Available

Stn Code	Station	Hour																						Overall
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
05	Hungerford	99%	99%	99%	99%	99%	98%	90%	78%	78%	81%	76%	75%	75%	73%	74%	76%	76%	87%	91%	94%	96%	97%	96%	76%	87%
06	Lambourn	84%	87%	88%	88%	84%	76%	51%	**21%**	**18%**	**29%**	**28%**	**25%**	**23%**	**26%**	**32%**	**35%**	**38%**	**31%**	59%	57%	59%	61%	65%	60%	51%
07	Pangbourne	82%	86%	86%	85%	85%	84%	54%	**26%**	**20%**	**25%**	**26%**	**25%**	**22%**	**21%**	**17%**	**14%**	**12%**	**12%**	**29%**	55%	57%	63%	70%	57%	46%
09	Wargrave	48%	47%	47%	46%	45%	**37%**	**36%**	**13%**	**10%**	**9%**	**9%**	**9%**	**8%**	**8%**	**8%**	**8%**	**9%**	**10%**	**29%**	**36%**	**38%**	**37%**	**38%**	42%	26%
11	Mortimer	77%	78%	78%	76%	68%	60%	55%	44%	**39%**	51%	54%	53%	47%	47%	48%	48%	52%	52%	62%	62%	63%	64%	67%	63%	59%
15	Crowthorne	94%	95%	95%	96%	99%	99%	90%	87%	58%	56%	46%	46%	48%	52%	58%	73%	82%	87%	93%	93%	88%	87%	91%	78%	79%
19	Maidenhead	95%	95%	96%	96%	95%	95%	86%	**39%**	**39%**	44%	45%	46%	46%	49%	49%	50%	53%	51%	89%	93%	92%	93%	92%	77%	71%
Overall		83%	84%	84%	84%	82%	78%	66%	44%	**37%**	42%	40%	**40%**	**38%**	**39%**	41%	43%	46%	47%	65%	70%	70%	72%	74%	65%	60%



A2b

RBFRS - Data Refresh (2015) and Theale Modelling

Appliance Availability by Modelling Period

2-Year Sample: 01/04/13 to 31/03/15

Stn Code	Station	Modelling Period				Overall
		Day-Weekday	Day-Weekend	Evening	Night	
05	Hungerford	87%	53%	95%	95%	87%
06	Lambourn	**27%**	**31%**	60%	72%	51%
07	Pangbourne	**14%**	**33%**	55%	73%	46%
09	Wargrave	**1%**	**28%**	**36%**	**40%**	25%
11	Mortimer	51%	43%	64%	67%	58%
15	Crowthorne	59%	65%	90%	94%	79%
19	Maidenhead	**36%**	76%	92%	87%	71%
Overall		**39%**	47%	70%	76%	60%

Modelling Periods

Day-Weekday	Mon-Fri 0800-1800
Day-Weekend	Sat-Sun 0800-1800
Evening	All Days 1800-0000
Night	All Days 0000-0800

Note: excludes hour 23 in analysis due to potential data issue in new sample

A2c

B Current Service Demand

B1 Eleven-Year Demand Trend

- **B1a** All Incidents
- **B1b** Fires
- **B1c** Special Service
- **B1d** False Alarms

B2 Incident Demand by Financial Year and Month

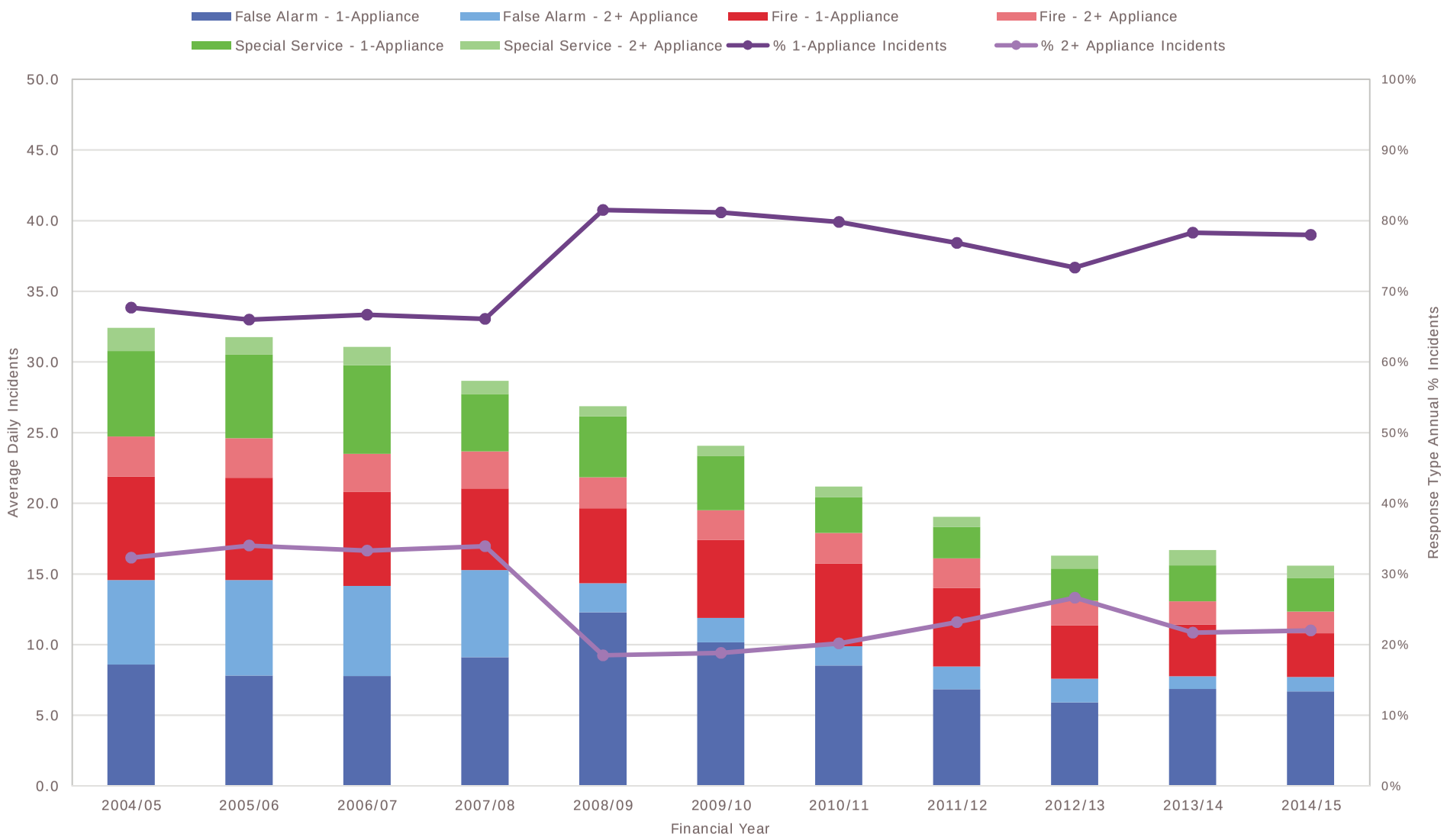
- **B2a** Eleven-year Sample Period
- **B2b** Two-year Sample Period

B3 Demand by Hour (All Incidents)

RBFRS - Data Refresh (2015)

Average Daily Incident Demand by Financial Year - All Incidents

11-Year Sample (2004/05 to 2014/15)



B1a

RBFRS - Data Refresh (2015)

Incident Category Demand Profile - All Incidents

11 Year Sample Period (01/04/2004 to 31/03/2015)

	Incident Category	Response Type	Financial Year 2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	Overall	11-Year Average	2-Year Average
Average Daily Incidents	False Alarm	1-Appliance	8.6	7.8	7.8	9.1	12.3	10.2	8.5	6.8	5.9	6.9	6.7	8.2	8.2	6.8
		2+ Appliance	6.0	6.8	6.4	6.2	2.1	1.7	1.4	1.6	1.7	0.9	1.0	3.3	3.3	1.0
		Total	**14.6**	**14.6**	**14.1**	**15.3**	**14.3**	**11.9**	**9.9**	**8.4**	**7.6**	**7.8**	**7.7**	**11.5**	**11.5**	**7.7**
	Fire	1-Appliance	7.3	7.2	6.7	5.8	5.3	5.5	5.8	5.6	3.8	3.7	3.1	5.5	5.5	3.4
		2+ Appliance	2.8	2.8	2.7	2.6	2.2	2.1	2.2	2.1	1.8	1.6	1.5	2.2	2.2	1.6
		Total	**10.2**	**10.0**	**9.4**	**8.4**	**7.5**	**7.6**	**8.0**	**7.7**	**5.5**	**5.3**	**4.6**	**7.7**	**7.7**	**5.0**
	Special Service	1-Appliance	6.0	5.9	6.3	4.1	4.3	3.9	2.5	2.2	2.3	2.5	2.4	3.9	3.9	2.5
		2+ Appliance	1.7	1.2	1.3	0.9	0.7	0.7	0.7	0.7	0.9	1.1	0.9	1.0	1.0	1.0
		Total	**7.7**	**7.2**	**7.6**	**5.0**	**5.0**	**4.6**	**3.3**	**2.9**	**3.2**	**3.6**	**3.2**	**4.9**	**4.9**	**3.4**
	All Incidents	1-Appliance	21.9	21.0	20.7	18.9	21.9	19.5	16.9	14.6	12.0	13.1	12.1	17.6	17.6	12.6
		2+ Appliance	10.5	10.8	10.3	9.7	5.0	4.5	4.3	4.4	4.3	3.6	3.4	6.5	6.5	3.5
		Total	**32.4**	**31.8**	**31.1**	**28.7**	**26.9**	**24.1**	**21.2**	**19.0**	**16.3**	**16.7**	**15.6**	**24.0**	**24.0**	**16.1**

	Incident Category	Response Type	Financial Year 2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	Overall	11-Year Average	2-Year Average
Annual Incidents	False Alarm	1-Appliance	3,130	2,852	2,838	3,333	4,485	3,709	3,106	2,504	2,156	2,439	2,232	32,784	2,987	2,339
		2+ Appliance	2,185	2,465	2,326	2,257	749	626	501	587	611	320	341	12,968	1,188	330
		Total	**5,315**	**5,317**	**5,164**	**5,590**	**5,234**	**4,335**	**3,607**	**3,091**	**2,767**	**2,759**	**2,573**	**45,752**	**4,175**	**2,669**
	Fire	1-Appliance	2,673	2,638	2,436	2,110	1,937	2,014	2,135	2,032	1,374	1,307	1,032	21,688	1,981	1,174
		2+ Appliance	1,033	1,022	978	960	801	771	790	769	640	582	516	8,862	808	550
		Total	**3,706**	**3,660**	**3,414**	**3,070**	**2,738**	**2,785**	**2,925**	**2,801**	**2,014**	**1,889**	**1,548**	**30,550**	**2,789**	**1,724**
	Special Service	1-Appliance	2,206	2,159	2,288	1,489	1,572	1,407	928	819	832	904	793	15,397	1,405	850
		2+ Appliance	605	456	472	341	264	257	269	259	334	387	288	3,932	358	339
		Total	**2,811**	**2,615**	**2,760**	**1,830**	**1,836**	**1,664**	**1,197**	**1,078**	**1,166**	**1,291**	**1,081**	**19,329**	**1,763**	**1,189**
	All Incidents	1-Appliance	8,009	7,649	7,562	6,932	7,994	7,130	6,169	5,355	4,362	4,650	4,057	69,869	6,373	4,363
		2+ Appliance	3,823	3,943	3,776	3,558	1,814	1,654	1,560	1,615	1,585	1,289	1,145	25,762	2,354	1,219
		Total	**11,832**	**11,592**	**11,338**	**10,490**	**9,808**	**8,784**	**7,729**	**6,970**	**5,947**	**5,939**	**5,202**	**95,631**	**8,727**	**5,582**

	Incident Category	Response Type	Financial Year 2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	Overall	11-Year Average	2-Year Average
Annual % Incidents	False Alarm	1-Appliance	26.5%	24.6%	25.0%	31.8%	45.7%	42.2%	40.2%	35.9%	36.3%	41.1%	42.9%	34.3%	35.6%	42.0%
		2+ Appliance	18.5%	21.3%	20.5%	21.5%	7.6%	7.1%	6.5%	8.4%	10.3%	5.4%	6.6%	13.6%	12.2%	6.0%
		Total	**44.9%**	**45.9%**	**45.5%**	**53.3%**	**53.4%**	**49.4%**	**46.7%**	**44.3%**	**46.5%**	**46.5%**	**49.5%**	**47.8%**	**47.8%**	**47.9%**
	Fire	1-Appliance	22.6%	22.8%	21.5%	20.1%	19.7%	22.9%	27.6%	29.2%	23.1%	22.0%	19.8%	22.7%	22.9%	21.0%
		2+ Appliance	8.7%	8.8%	8.6%	9.2%	8.2%	8.8%	10.2%	11.0%	10.8%	9.8%	9.9%	9.3%	9.5%	9.9%
		Total	**31.3%**	**31.6%**	**30.1%**	**29.3%**	**27.9%**	**31.7%**	**37.8%**	**40.2%**	**33.9%**	**31.8%**	**29.8%**	**31.9%**	**32.3%**	**30.8%**
	Special Service	1-Appliance	18.6%	18.6%	20.2%	14.2%	16.0%	16.0%	12.0%	11.8%	14.0%	15.2%	15.2%	16.1%	15.6%	15.2%
		2+ Appliance	5.1%	3.9%	4.2%	3.3%	2.7%	2.9%	3.5%	3.7%	5.6%	6.5%	5.5%	4.1%	4.3%	6.0%
		Total	**23.8%**	**22.6%**	**24.3%**	**17.4%**	**18.7%**	**18.9%**	**15.5%**	**15.5%**	**19.6%**	**21.7%**	**20.8%**	**20.2%**	**19.9%**	**21.3%**
	All Incidents	1-Appliance	67.7%	66.0%	66.7%	66.1%	81.5%	81.2%	79.8%	76.8%	73.3%	78.3%	78.0%	73.1%	74.1%	78.1%
		2+ Appliance	32.3%	34.0%	33.3%	33.9%	18.5%	18.8%	20.2%	23.2%	26.7%	21.7%	22.0%	26.9%	25.9%	21.9%
		Total	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

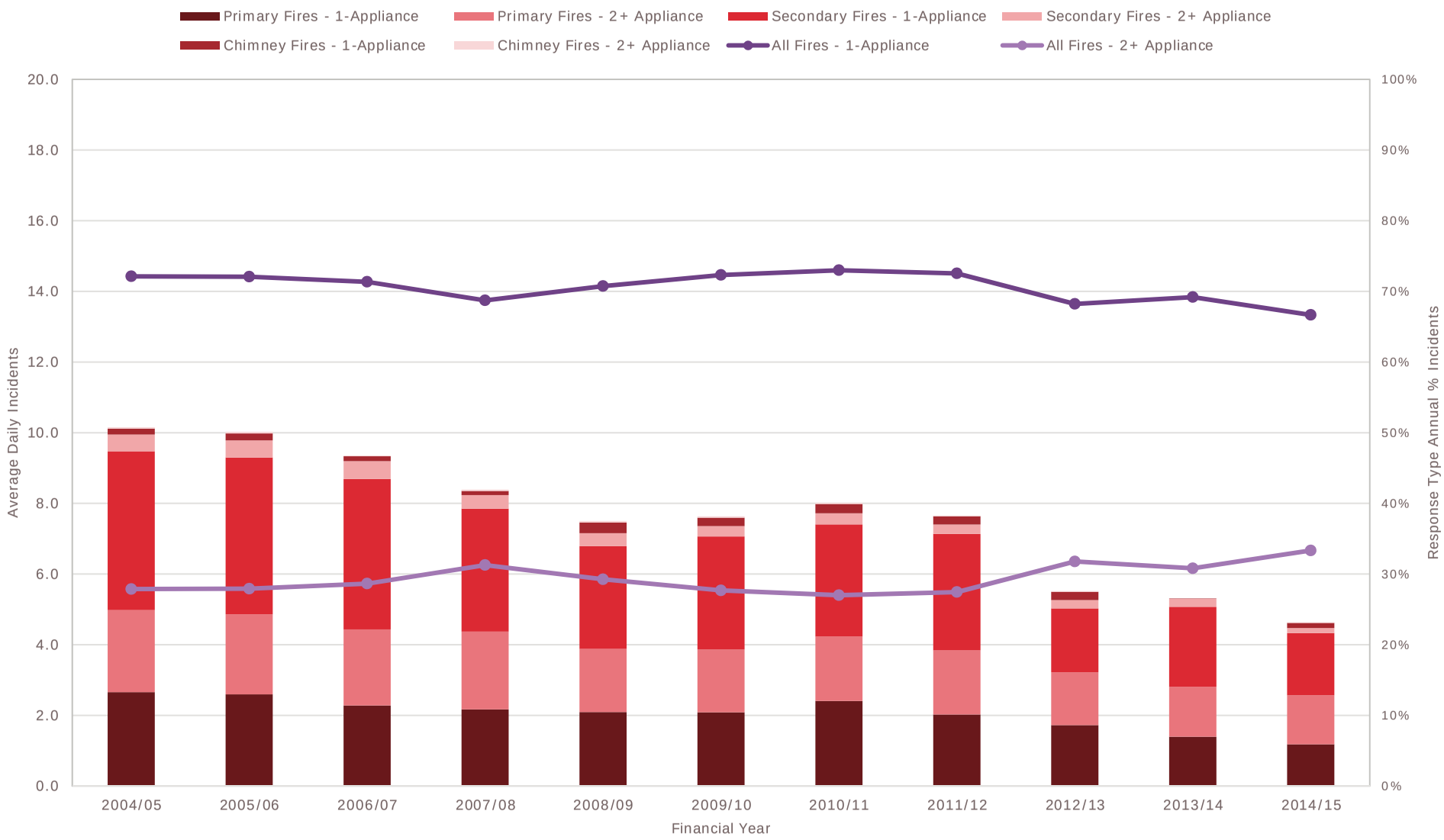
Note:

Demand on days of Industrial Action have been removed

RBFRS - Data Refresh(2015)

Average Daily Incident Demand by Financial Year - Fire Incidents

11-Year Sample (2004/05 to 2014/15)



B1b

RBFRS - Data Refresh (2015)

Incident Category Demand Profile - Fire Incidents

11 Year Sample Period (01/04/2004 to 31/03/2014)

	Incident Category	Response Type	Financial Year 2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	Overall	11-Year Average	2-Year Average
Average Daily Incidents	Primary Fires	1-Appliance	2.7	2.6	2.3	2.2	2.1	2.1	2.4	2.0	1.7	1.4	1.2	2.1	2.1	1.3
		2+ Appliance	2.3	2.3	2.2	2.2	1.8	1.8	1.8	1.8	1.5	1.4	1.4	1.9	1.9	1.4
		Total	**5.0**	**4.9**	**4.4**	**4.4**	**3.9**	**3.9**	**4.2**	**3.8**	**3.2**	**2.8**	**2.6**	**3.9**	**3.9**	**2.7**
	Secondary Fires	1-Appliance	4.5	4.4	4.3	3.5	2.9	3.2	3.2	3.3	1.8	2.3	1.8	3.2	3.2	2.0
		2+ Appliance	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.3	0.3	0.2
		Total	**5.0**	**4.9**	**4.8**	**3.9**	**3.3**	**3.5**	**3.5**	**3.6**	**2.0**	**2.5**	**1.9**	**3.5**	**3.5**	**2.2**
	Chimney Fires	1-Appliance	0.2	0.2	0.1	0.1	0.3	0.2	0.3	0.2	0.2	0.0	0.1	0.2	0.2	0.1
		2+ Appliance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		Total	**0.2**	**0.2**	**0.2**	**0.2**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.0**	**0.2**	**0.2**	**0.2**	**0.1**
	All Fires	1-Appliance	7.3	7.2	6.7	5.8	5.3	5.5	5.8	5.6	3.8	3.7	3.1	5.5	5.5	3.4
		2+ Appliance	2.8	2.8	2.7	2.6	2.2	2.1	2.2	2.1	1.8	1.6	1.5	2.2	2.2	1.6
		Total	**10.2**	**10.0**	**9.4**	**8.4**	**7.5**	**7.6**	**8.0**	**7.7**	**5.5**	**5.3**	**4.6**	**7.7**	**7.7**	**5.0**

	Incident Category	Response Type	Financial Year 2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	Overall	11-Year Average	2-Year Average
Annual Incidents	Primary Fires	1-Appliance	969	947	832	794	764	762	879	741	629	496	394	8,207	749	447
		2+ Appliance	848	827	786	806	652	650	664	664	546	502	463	7,408	676	483
		Total	**1,817**	**1,774**	**1,618**	**1,600**	**1,416**	**1,412**	**1,543**	**1,405**	**1,175**	**998**	**857**	**15,615**	**1,425**	**930**
	Secondary Fires	1-Appliance	1,641	1,619	1,554	1,273	1,062	1,165	1,160	1,206	660	807	589	12,736	1,163	701
		2+ Appliance	172	177	184	140	134	108	114	98	86	80	47	1,340	122	64
		Total	**1,813**	**1,796**	**1,738**	**1,413**	**1,196**	**1,273**	**1,274**	**1,304**	**746**	**887**	**636**	**14,076**	**1,286**	**766**
	Chimney Fires	1-Appliance	63	72	50	43	111	87	96	85	85	4	49	745	68	26
		2+ Appliance	13	18	8	14	15	13	12	7	8	0	6	114	10	3
		Total	**76**	**90**	**58**	**57**	**126**	**100**	**108**	**92**	**93**	**4**	**55**	**859**	**78**	**29**
	All Fires	1-Appliance	2,673	2,638	2,436	2,110	1,937	2,014	2,135	2,032	1,374	1,307	1,032	21,688	1,981	1,174
		2+ Appliance	1,033	1,022	978	960	801	771	790	769	640	582	516	8,862	808	550
		Total	**3,706**	**3,660**	**3,414**	**3,070**	**2,738**	**2,785**	**2,925**	**2,801**	**2,014**	**1,889**	**1,548**	**30,550**	**2,789**	**1,724**

	Incident Category	Response Type	Financial Year 2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	Overall	11-Year Average	2-Year Average
Annual % Incidents	Primary Fires	1-Appliance	26.1%	25.9%	24.4%	25.9%	27.9%	27.4%	30.1%	26.5%	31.2%	26.3%	25.5%	26.9%	27.0%	25.9%
		2+ Appliance	22.9%	22.6%	23.0%	26.3%	23.8%	23.3%	22.7%	23.7%	27.1%	26.6%	29.9%	24.2%	24.7%	28.2%
		Total	**49.0%**	**48.5%**	**47.4%**	**52.1%**	**51.7%**	**50.7%**	**52.8%**	**50.2%**	**58.3%**	**52.8%**	**55.4%**	**51.1%**	**51.7%**	**54.1%**
	Secondary Fires	1-Appliance	44.3%	44.2%	45.5%	41.5%	38.8%	41.8%	39.7%	43.1%	32.8%	42.7%	38.0%	41.7%	41.1%	40.5%
		2+ Appliance	4.6%	4.8%	5.4%	4.6%	4.9%	3.9%	3.9%	3.5%	4.3%	4.2%	3.0%	4.4%	4.3%	3.7%
		Total	**48.9%**	**49.1%**	**50.9%**	**46.0%**	**43.7%**	**45.7%**	**43.6%**	**46.6%**	**37.0%**	**47.0%**	**41.1%**	**46.1%**	**45.4%**	**44.1%**
	Chimney Fires	1-Appliance	1.7%	2.0%	1.5%	1.4%	4.1%	3.1%	3.3%	3.0%	4.2%	0.2%	3.2%	2.4%	2.5%	1.6%
		2+ Appliance	0.4%	0.5%	0.2%	0.5%	0.5%	0.5%	0.4%	0.2%	0.4%	0.0%	0.4%	0.4%	0.4%	0.2%
		Total	**2.1%**	**2.5%**	**1.7%**	**1.9%**	**4.6%**	**3.6%**	**3.7%**	**3.3%**	**4.6%**	**0.2%**	**3.6%**	**2.8%**	**2.9%**	**1.8%**
	All Fires	1-Appliance	72.1%	72.1%	71.4%	68.7%	70.7%	72.3%	73.0%	72.5%	68.2%	69.2%	66.7%	71.0%	70.7%	68.0%
		2+ Appliance	27.9%	27.9%	28.6%	31.3%	29.3%	27.7%	27.0%	27.5%	31.8%	30.8%	33.3%	29.0%	29.3%	32.0%
		Total	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

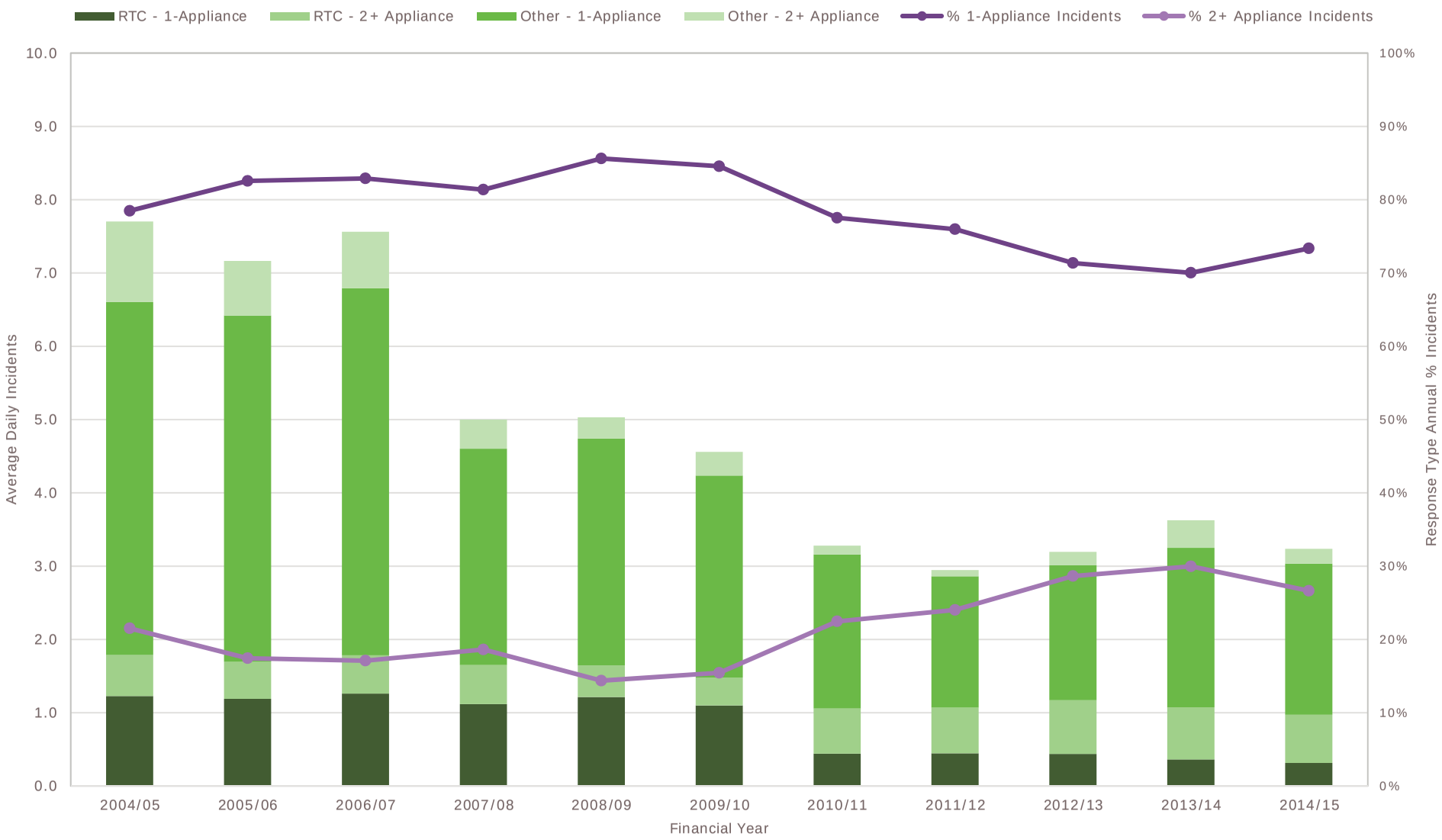
Note:

Demand on days of Industrial Action have been removed

RBFRS - Data Refresh(2015)

Average Daily Incident Demand by Financial Year - Special Service Incidents

11-Year Sample (2004/05 to 2014/15)



B1c

RBFRS - Data Refresh (2015)

Incident Category Demand Profile - Special Service Incidents

11 Year Sample Period (01/04/2004 to 31/03/2015)

	Incident Category	Response Type	Financial Year 2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	Overall	11-Year Average	2-Year Average
Average Daily Incidents	RTC	1-Appliance	1.2	1.2	1.3	1.1	1.2	1.1	0.4	0.4	0.4	0.4	0.3	0.9	0.8	0.3
		2+ Appliance	0.6	0.5	0.5	0.5	0.4	0.4	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.7
		Total	**1.8**	**1.7**	**1.8**	**1.7**	**1.6**	**1.5**	**1.1**	**1.1**	**1.2**	**1.1**	**1.0**	**1.5**	**1.4**	**1.0**
	Other	1-Appliance	4.8	4.7	5.0	3.0	3.1	2.8	2.1	1.8	1.8	2.2	2.1	3.3	3.0	2.1
		2+ Appliance	1.1	0.7	0.8	0.4	0.3	0.3	0.1	0.1	0.2	0.4	0.2	0.5	0.4	0.3
		Total	**5.9**	**5.5**	**5.8**	**3.3**	**3.4**	**3.1**	**2.2**	**1.9**	**2.0**	**2.6**	**2.3**	**3.8**	**3.5**	**2.4**
	All Special Service Incidents	1-Appliance	6.0	5.9	6.3	4.1	4.3	3.9	2.5	2.2	2.3	2.5	2.4	4.2	3.9	2.5
		2+ Appliance	1.7	1.2	1.3	0.9	0.7	0.7	0.7	0.7	0.9	1.1	0.9	1.1	1.0	1.0
		Total	**7.7**	**7.2**	**7.6**	**5.0**	**5.0**	**4.6**	**3.3**	**2.9**	**3.2**	**3.6**	**3.2**	**5.3**	**4.9**	**3.4**

	Incident Category	Response Type	Financial Year 2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	Overall	11-Year Average	2-Year Average
Annual Incidents	RTC	1-Appliance	448	434	460	409	443	401	161	163	160	129	105	3,313	303	117
		2+ Appliance	204	184	191	195	158	139	225	228	267	253	220	2,264	206	237
		Total	**652**	**618**	**651**	**604**	**601**	**540**	**386**	**391**	**427**	**382**	**325**	**5,577**	**509**	**354**
	Other	1-Appliance	1,758	1,725	1,828	1,080	1,129	1,006	767	656	672	775	688	12,084	1,102	733
		2+ Appliance	401	272	281	146	106	118	44	31	67	134	68	1,668	152	102
		Total	**2,159**	**1,997**	**2,109**	**1,226**	**1,235**	**1,124**	**811**	**687**	**739**	**909**	**756**	**13,752**	**1,255**	**835**
	All Special Service Incidents	1-Appliance	2,206	2,159	2,288	1,489	1,572	1,407	928	819	832	904	793	15,397	1,405	850
		2+ Appliance	605	456	472	341	264	257	269	259	334	387	288	3,932	358	339
		Total	**2,811**	**2,615**	**2,760**	**1,830**	**1,836**	**1,664**	**1,197**	**1,078**	**1,166**	**1,291**	**1,081**	**19,329**	**1,763**	**1,189**

	Incident Category	Response Type	Financial Year 2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	Overall	11-Year Average	2-Year Average
Annual % Incidents	RTC	1-Appliance	15.9%	16.6%	16.7%	22.3%	24.1%	24.1%	13.5%	15.1%	13.7%	10.0%	9.7%	17.1%	16.6%	9.9%
		2+ Appliance	7.3%	7.0%	6.9%	10.7%	8.6%	8.4%	18.8%	21.2%	22.9%	19.6%	20.4%	11.7%	13.7%	20.0%
		Total	**23.2%**	**23.6%**	**23.6%**	**33.0%**	**32.7%**	**32.5%**	**32.2%**	**36.3%**	**36.6%**	**29.6%**	**30.1%**	**28.9%**	**30.3%**	**29.8%**
	Other	1-Appliance	62.5%	66.0%	66.2%	59.0%	61.5%	60.5%	64.1%	60.9%	57.6%	60.0%	63.6%	62.5%	62.0%	61.8%
		2+ Appliance	14.3%	10.4%	10.2%	8.0%	5.8%	7.1%	3.7%	2.9%	5.7%	10.4%	6.3%	8.6%	7.7%	8.4%
		Total	**76.8%**	**76.4%**	**76.4%**	**67.0%**	**67.3%**	**67.5%**	**67.8%**	**63.7%**	**63.4%**	**70.4%**	**69.9%**	**71.1%**	**69.7%**	**70.2%**
	All Special Service Incidents	1-Appliance	78.5%	82.6%	82.9%	81.4%	85.6%	84.6%	77.5%	76.0%	71.4%	70.0%	73.4%	79.7%	78.6%	71.6%
		2+ Appliance	21.5%	17.4%	17.1%	18.6%	14.4%	15.4%	22.5%	24.0%	28.6%	30.0%	26.6%	20.3%	21.4%	28.4%
		Total	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

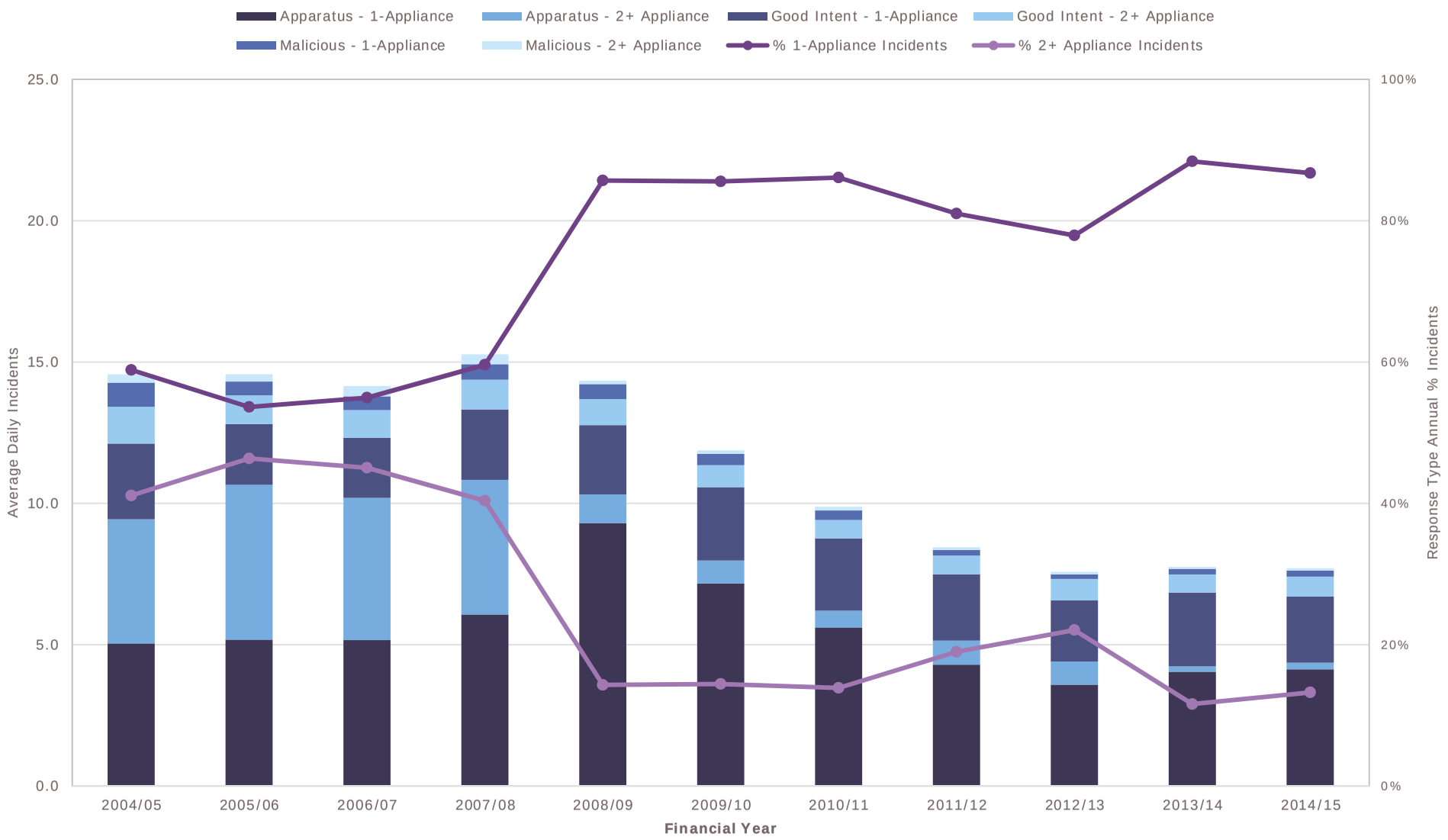
Note:

Demand on days of Industrial Action have been removed

RBFRS - Data Refresh(2015)

Average Daily Incident Demand by Financial Year - False Alarm Incidents

11-Year Sample (2004/05 to 2014/15)



B1d

RBFRS - Data Refresh (2015)

Incident Category Demand Profile - False Alarm Incidents

11 Year Sample Period (01/04/2004 to 31/03/2015)

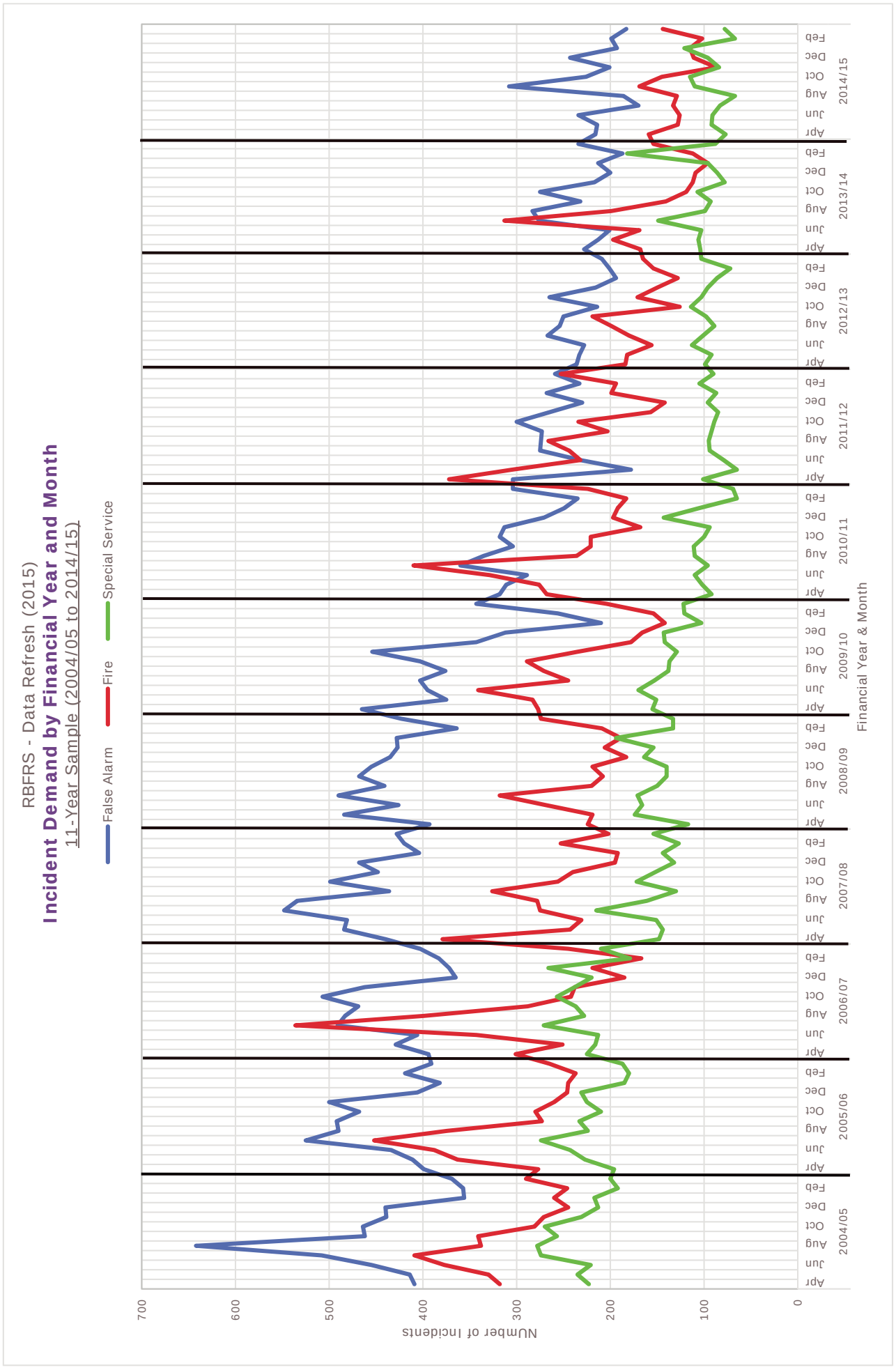
	Incident Category	Response Type	Financial Year 2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	Overall	11-Year Average	2-Year Average
Average Daily Incidents	Apparatus	1-Appliance	5.0	5.2	5.2	6.1	9.3	7.2	5.6	4.3	3.6	4.0	4.1	5.4	5.4	4.1
		2+ Appliance	4.4	5.5	5.0	4.8	1.0	0.8	0.6	0.9	0.8	0.2	0.2	2.2	2.2	0.2
		Total	**9.4**	**10.7**	**10.2**	**10.8**	**10.3**	**8.0**	**6.2**	**5.1**	**4.4**	**4.2**	**4.4**	**7.6**	**7.6**	**4.3**
	Good Intent	1-Appliance	2.7	2.2	2.1	2.5	2.5	2.6	2.6	2.3	2.2	2.6	2.3	2.4	2.4	2.5
		2+ Appliance	1.3	1.0	1.0	1.0	0.9	0.8	0.6	0.7	0.8	0.6	0.7	0.9	0.9	0.7
		Total	**4.0**	**3.2**	**3.1**	**3.5**	**3.4**	**3.4**	**3.2**	**3.0**	**2.9**	**3.3**	**3.0**	**3.3**	**3.3**	**3.1**
	Malicious	1-Appliance	0.9	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.4	0.4	0.2
		2+ Appliance	0.3	0.3	0.4	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1
		Total	**1.1**	**0.7**	**0.9**	**0.9**	**0.7**	**0.5**	**0.5**	**0.3**	**0.3**	**0.3**	**0.3**	**0.6**	**0.6**	**0.3**
	All False Alarms	1-Appliance	8.6	7.8	7.8	9.1	12.3	10.2	8.5	6.8	5.9	6.9	6.7	8.2	8.2	6.8
		2+ Appliance	6.0	6.8	6.4	6.2	2.1	1.7	1.4	1.6	1.7	0.9	1.0	3.3	3.3	1.0
		Total	**14.6**	**14.6**	**14.1**	**15.3**	**14.3**	**11.9**	**9.9**	**8.4**	**7.6**	**7.8**	**7.7**	**11.5**	**11.5**	**7.7**

	Incident Category	Response Type	Financial Year 2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	Overall	11-Year Average	2-Year Average
Annual Incidents	Apparatus	1-Appliance	1,841	1,889	1,883	2,220	3,395	2,616	2,047	1,571	1,308	1,438	1,378	21,586	1,968	1,409
		2+ Appliance	1,603	1,999	1,837	1,744	369	295	216	312	299	69	79	8,822	809	74
		Total	**3,444**	**3,888**	**3,720**	**3,964**	**3,764**	**2,911**	**2,263**	**1,883**	**1,607**	**1,507**	**1,457**	**30,408**	**2,777**	**1,483**
	Good Intent	1-Appliance	977	785	777	912	896	948	936	859	789	930	782	9,591	872	858
		2+ Appliance	475	372	356	384	335	283	236	240	278	227	234	3,420	312	230
		Total	**1,452**	**1,157**	**1,133**	**1,296**	**1,231**	**1,231**	**1,172**	**1,099**	**1,067**	**1,157**	**1,016**	**13,011**	**1,184**	**1,089**
	Malicious	1-Appliance	312	178	178	201	194	145	123	74	59	71	72	1,607	147	71
		2+ Appliance	107	94	133	129	45	48	49	35	34	24	28	726	66	26
		Total	**419**	**272**	**311**	**330**	**239**	**193**	**172**	**109**	**93**	**95**	**100**	**2,333**	**213**	**97**
	All False Alarms	1-Appliance	3,130	2,852	2,838	3,333	4,485	3,709	3,106	2,504	2,156	2,439	2,232	32,784	2,987	2,339
		2+ Appliance	2,185	2,465	2,326	2,257	749	626	501	587	611	320	341	12,968	1,188	330
		Total	**5,315**	**5,317**	**5,164**	**5,590**	**5,234**	**4,335**	**3,607**	**3,091**	**2,767**	**2,759**	**2,573**	**45,752**	**4,175**	**2,669**

	Incident Category	Response Type	Financial Year 2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	Overall	11-Year Average	2-Year Average
Annual % Incidents	Apparatus	1-Appliance	34.6%	35.5%	36.5%	39.7%	64.9%	60.3%	56.8%	50.8%	47.3%	52.1%	53.6%	47.2%	48.3%	52.8%
		2+ Appliance	30.2%	37.6%	35.6%	31.2%	7.1%	6.8%	6.0%	10.1%	10.8%	2.5%	3.1%	19.3%	16.6%	2.8%
		Total	**64.8%**	**73.1%**	**72.0%**	**70.9%**	**71.9%**	**67.2%**	**62.7%**	**60.9%**	**58.1%**	**54.6%**	**56.6%**	**66.5%**	**64.9%**	**55.6%**
	Good Intent	1-Appliance	18.4%	14.8%	15.0%	16.3%	17.1%	21.9%	25.9%	27.8%	28.5%	33.7%	30.4%	21.0%	22.6%	32.1%
		2+ Appliance	8.9%	7.0%	6.9%	6.9%	6.4%	6.5%	6.5%	7.8%	10.0%	8.2%	9.1%	7.5%	7.7%	8.6%
		Total	**27.3%**	**21.8%**	**21.9%**	**23.2%**	**23.5%**	**28.4%**	**32.5%**	**35.6%**	**38.6%**	**41.9%**	**39.5%**	**28.4%**	**30.3%**	**40.8%**
	Malicious	1-Appliance	5.9%	3.3%	3.4%	3.6%	3.7%	3.3%	3.4%	2.4%	2.1%	2.6%	2.8%	3.5%	3.3%	2.7%
		2+ Appliance	2.0%	1.8%	2.6%	2.3%	0.9%	1.1%	1.4%	1.1%	1.2%	0.9%	1.1%	1.6%	1.5%	1.0%
		Total	**7.9%**	**5.1%**	**6.0%**	**5.9%**	**4.6%**	**4.5%**	**4.8%**	**3.5%**	**3.4%**	**3.4%**	**3.9%**	**5.1%**	**4.8%**	**3.7%**
	All False Alarms	1-Appliance	58.9%	53.6%	55.0%	59.6%	85.7%	85.6%	86.1%	81.0%	77.9%	88.4%	86.7%	71.7%	74.3%	87.6%
		2+ Appliance	41.1%	46.4%	45.0%	40.4%	14.3%	14.4%	13.9%	19.0%	22.1%	11.6%	13.3%	28.3%	25.7%	12.4%
		Total	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Note:

Demand on days of Industrial Action have been removed

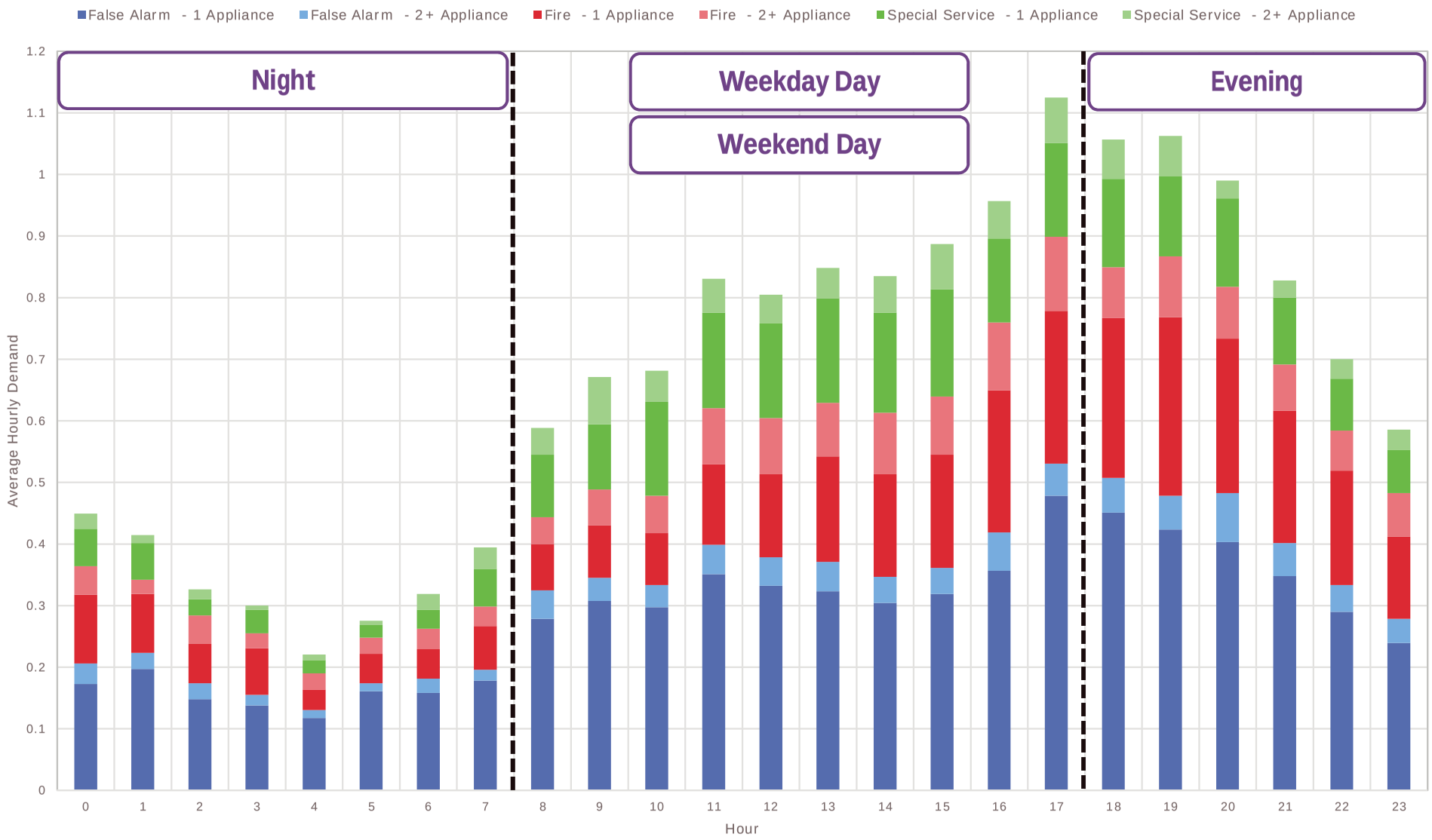

RBFRS - Data Refresh (2015)
Incident Demand by Financial Year and Month
11-Year Sample (2004/05 to 2014/15)
False Alarm
Fire
Special Service
Number of Incidents
0
100
200
300
400
500
600
700
Financial Year & Month
2004/05
2005/06
2006/07
2007/08
2008/09
2009/10
2010/11
2011/12
2012/13
2013/14
2014/15
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Jan
Feb
Mar


RBFRS - Data Refresh (2015)
Incident Demand by Financial Year and Month
2-Year Sample (2013/14 to 2014/15)
False Alarm - 1-Appliance
False Alarm - 2+ Appliance
Fire - 1-Appliance
Fire - 2+ Appliance
Special Service - 1-Appliance
Special Service - 2+ Appliance
Number of Incidents
0
100
200
300
400
500
600
700
800
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Jan
Feb
Mar
2013/14
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Jan
Feb
Mar
2014/15
Financial Year & Month

RBFRS - Data Refresh (2015)

Incident Demand by Hour - All Incidents

2-Year Sample (2013/14 to 2014/15)



C Geographical Location Analysis

C1 Geographical Distribution of Incidents

- **C1a** All Incidents
- **C1b** 1-Appliance Incidents
- **C1c** 2-Appliance Incidents

C2 Incident Locations by Year

- **C2a** By District – Number of Incidents
- **C2b** By District – Proportion of Incidents
- **C2c** Map by Year

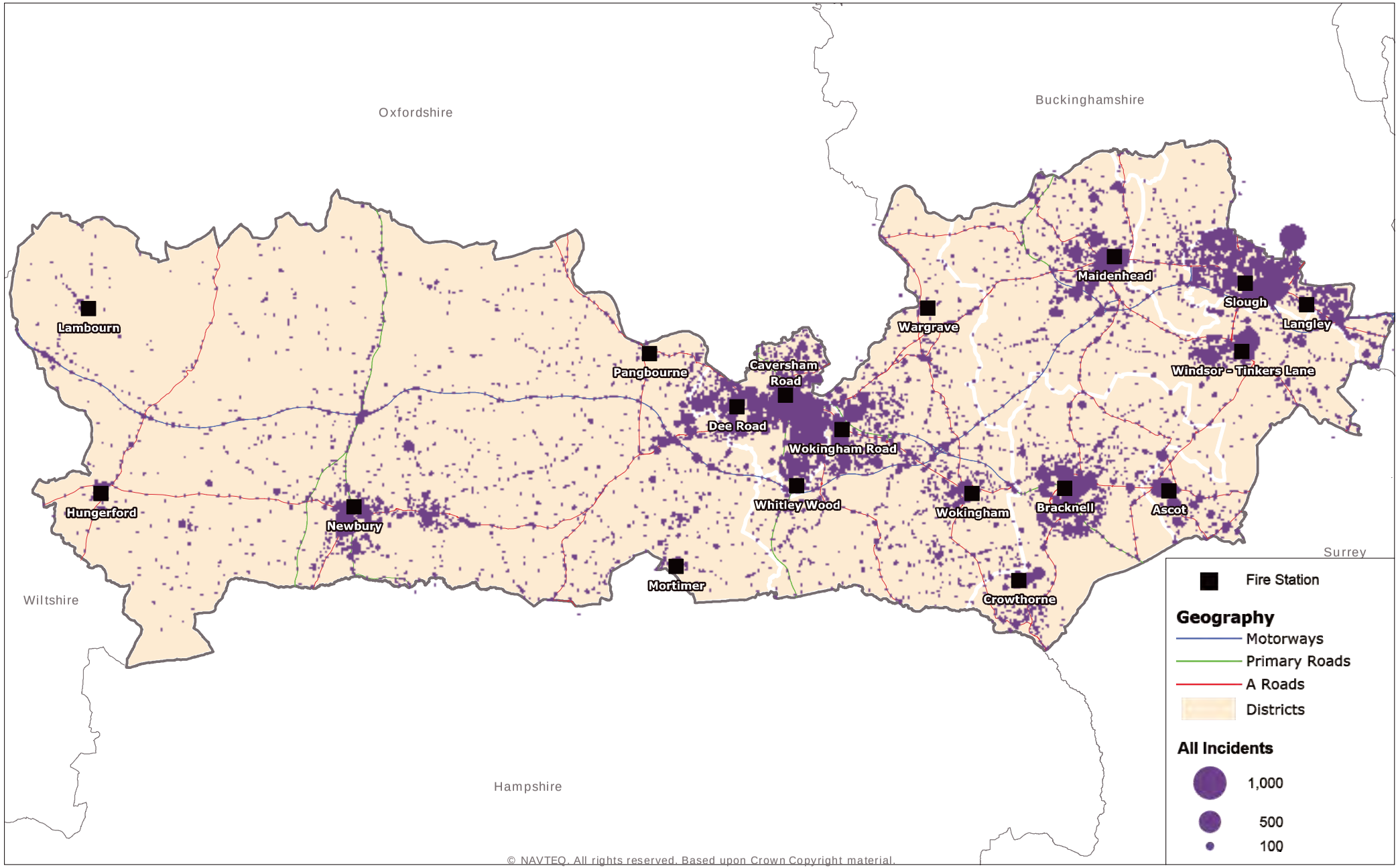
C3 Responses by Station by Year

- **C3a** Total Responses
- **C3b** Average Daily

RBFRS - Data Refresh (2015)

Distribution of All Incidents

11-Year Sample (01/04/2004 to 31/03/2015)

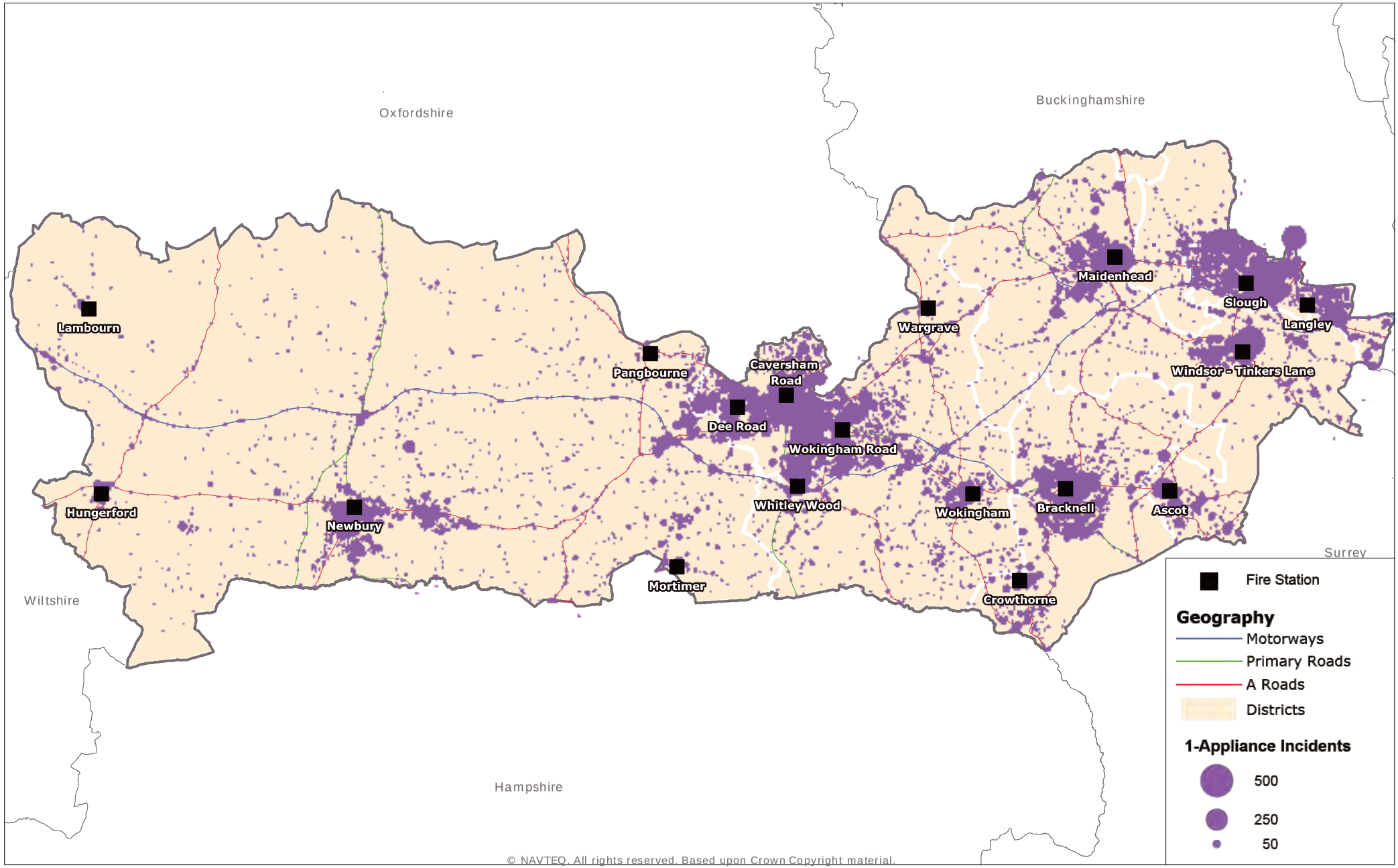


C1a

RBFRS - Data Refresh (2015)

Distribution of 1-Appliance Incidents

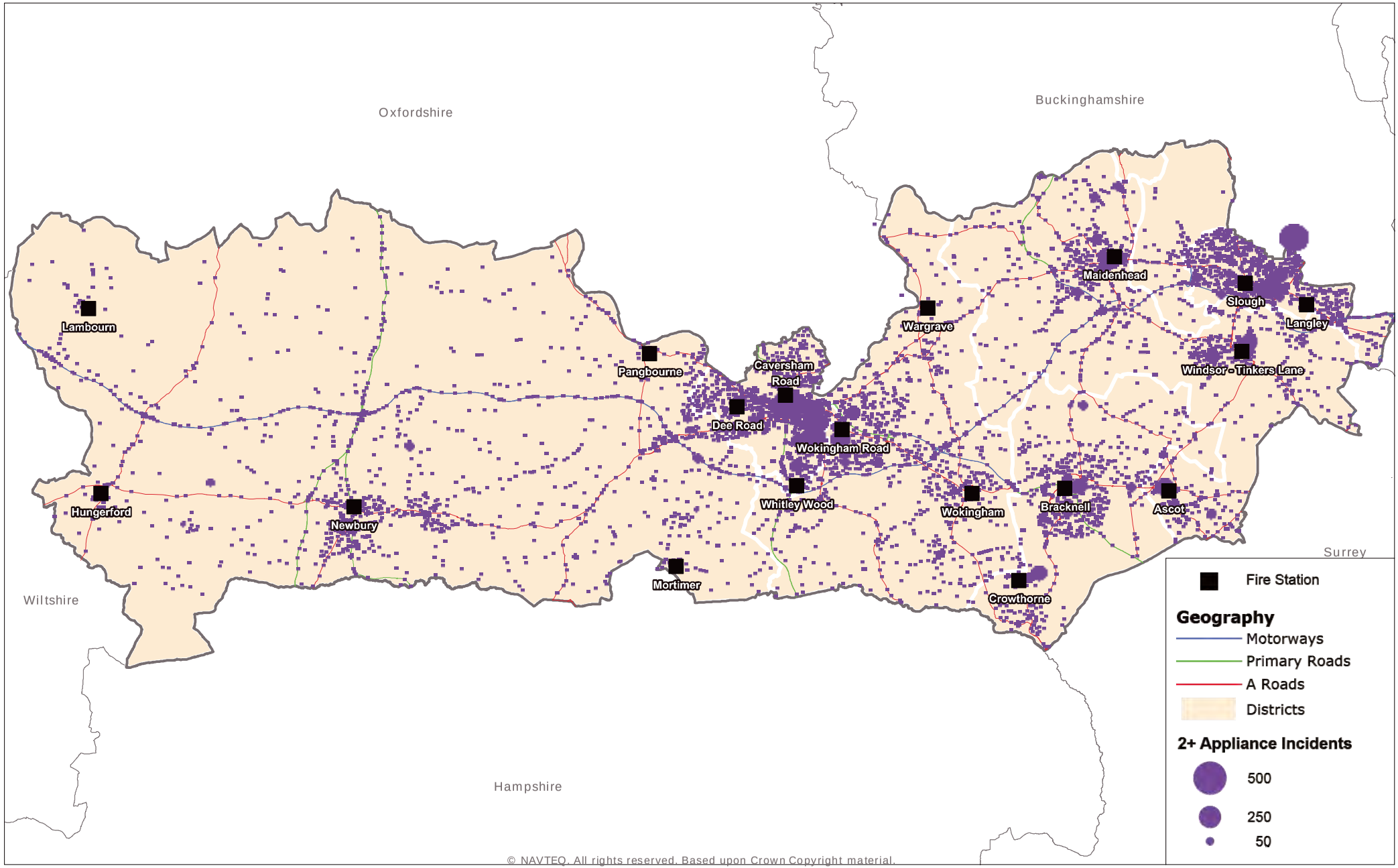
11-Year Sample (01/04/2004 to 31/03/2015)



C1b

Distribution of 2-Appliance Incidents

11-Year Sample (01/04/2004 to 31/03/2015)



C1c

RBFRS - Data Refresh (2015)

Incident Locations by District and Financial Year

11 Year Sample Period (01/04/2004 to 31/03/2015)

False Alarm Incidents

District	Financial Year											11-Year Average	2-Year Average
	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15		
Bracknell Forest	603	658	637	702	631	498	394	354	337	274	280	490	277
Reading	1,242	1,261	1,190	1,285	1,204	1,009	864	769	669	726	672	993	700
Slough	1,002	835	834	912	860	664	600	450	327	332	344	654	338
West Berkshire	750	856	808	826	807	686	542	462	476	484	407	648	447
Windsor and Maidenhead	1,027	1,023	1,029	1,173	1,060	884	748	679	584	602	502	850	554
Wokingham	625	636	612	668	662	585	445	355	354	311	345	511	327
South Buckinghamshire	63	48	53	24	10	9	14	22	20	30	23	29	27
Berkshire-wide	**5,312**	**5,317**	**5,163**	**5,590**	**5,234**	**4,335**	**3,607**	**3,091**	**2,767**	**2,759**	**2,573**	**4,175**	**2,669**

Fire Incidents

District	Financial Year											11-Year Average	2-Year Average
	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15		
Bracknell Forest	473	475	427	369	336	334	397	358	263	171	144	343	158
Reading	893	848	715	699	587	670	603	583	402	386	322	613	355
Slough	725	688	675	597	560	502	520	522	347	360	335	532	348
West Berkshire	523	626	619	532	532	505	577	561	418	400	315	512	359
Windsor and Maidenhead	536	478	465	421	392	412	433	418	332	314	220	404	268
Wokingham	468	447	440	416	311	343	353	325	230	229	184	342	207
South Buckinghamshire	88	96	73	35	20	19	41	34	21	28	27	44	28
Berkshire-wide	**3,706**	**3,658**	**3,414**	**3,069**	**2,738**	**2,785**	**2,924**	**2,801**	**2,013**	**1,888**	**1,547**	**2,788**	**1,723**

Special Service Incidents

District	Financial Year											11-Year Average	2-Year Average
	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15		
Bracknell Forest	434	362	370	173	191	162	102	111	102	88	108	201	98
Reading	599	545	545	413	378	363	282	225	255	262	238	374	250
Slough	375	358	385	290	366	311	255	224	228	262	220	298	242
West Berkshire	494	533	564	373	375	332	227	164	221	262	206	342	235
Windsor and Maidenhead	525	435	470	315	280	270	176	213	200	243	182	302	213
Wokingham	348	350	379	240	235	210	145	133	144	165	122	226	144
South Buckinghamshire	35	31	46	26	11	16	9	8	16	8	5	19	7
Berkshire-wide	**2,810**	**2,614**	**2,759**	**1,830**	**1,836**	**1,664**	**1,196**	**1,078**	**1,166**	**1,290**	**1,081**	**1,763**	**1,189**

All Incidents

District	Financial Year											11-Year Average	2-Year Average
	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15		
Bracknell Forest	1,510	1,495	1,434	1,244	1,158	994	893	823	702	533	532	1,034	533
Reading	2,734	2,654	2,450	2,397	2,169	2,042	1,749	1,577	1,326	1,374	1,232	1,980	1,305
Slough	2,102	1,881	1,894	1,799	1,786	1,477	1,375	1,196	902	954	899	1,484	927
West Berkshire	1,767	2,015	1,991	1,731	1,714	1,523	1,346	1,187	1,115	1,146	928	1,502	1,040
Windsor and Maidenhead	2,088	1,936	1,964	1,909	1,732	1,566	1,357	1,310	1,116	1,159	904	1,555	1,036
Wokingham	1,441	1,433	1,431	1,324	1,208	1,138	943	813	728	705	651	1,078	679
South Buckinghamshire	186	175	172	85	41	44	64	64	57	66	55	92	61
Berkshire-wide	**11,828**	**11,589**	**11,336**	**10,489**	**9,808**	**8,784**	**7,727**	**6,970**	**5,946**	**5,937**	**5,201**	**8,726**	**5,581**

Note:

Demand on days of Industrial Action have been removed

C2a

RBFRS - Data Refresh (2015)

Incident Locations by District and Financial Year

11 Year Sample Period (01/04/2004 to 31/03/2015)

False Alarm Incidents

District	Financial Year											11-Year Average	2-Year Average
	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15		
Bracknell Forest	11.4%	12.4%	12.3%	12.6%	12.1%	11.5%	10.9%	11.5%	12.2%	9.9%	10.9%	11.6%	10.4%
Reading	23.4%	23.7%	23.0%	23.0%	23.0%	23.3%	24.0%	24.9%	24.2%	26.3%	26.1%	24.1%	26.2%
Slough	18.9%	15.7%	16.2%	16.3%	16.4%	15.3%	16.6%	14.6%	11.8%	12.0%	13.4%	15.2%	12.7%
West Berkshire	14.1%	16.1%	15.6%	14.8%	15.4%	15.8%	15.0%	14.9%	17.2%	17.5%	15.8%	15.7%	16.7%
Windsor and Maidenhead	19.3%	19.2%	19.9%	21.0%	20.3%	20.4%	20.7%	22.0%	21.1%	21.8%	19.5%	20.5%	20.7%
Wokingham	11.8%	12.0%	11.9%	11.9%	12.6%	13.5%	12.3%	11.5%	12.8%	11.3%	13.4%	12.3%	12.3%
South Buckinghamshire	1.2%	0.9%	1.0%	0.4%	0.2%	0.2%	0.4%	0.7%	0.7%	1.1%	0.9%	0.7%	1.0%
Berkshire-wide	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Fire Incidents

District	Financial Year											11-Year Average	2-Year Average
	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15		
Bracknell Forest	12.8%	13.0%	12.5%	12.0%	12.3%	12.0%	13.6%	12.8%	13.1%	9.1%	9.3%	12.1%	9.2%
Reading	24.1%	23.2%	20.9%	22.8%	21.4%	24.1%	20.6%	20.8%	20.0%	20.4%	20.8%	21.8%	20.6%
Slough	19.6%	18.8%	19.8%	19.5%	20.5%	18.0%	17.8%	18.6%	17.2%	19.1%	21.7%	19.1%	20.3%
West Berkshire	14.1%	17.1%	18.1%	17.3%	19.4%	18.1%	19.7%	20.0%	20.8%	21.2%	20.4%	18.7%	20.8%
Windsor and Maidenhead	14.5%	13.1%	13.6%	13.7%	14.3%	14.8%	14.8%	14.9%	16.5%	16.6%	14.2%	14.6%	15.5%
Wokingham	12.6%	12.2%	12.9%	13.6%	11.4%	12.3%	12.1%	11.6%	11.4%	12.1%	11.9%	12.2%	12.0%
South Buckinghamshire	2.4%	2.6%	2.1%	1.1%	0.7%	0.7%	1.4%	1.2%	1.0%	1.5%	1.7%	1.5%	1.6%
Berkshire-wide	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Special Service Incidents

District	Financial Year											11-Year Average	2-Year Average
	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15		
Bracknell Forest	15.4%	13.8%	13.4%	9.5%	10.4%	9.7%	8.5%	10.3%	8.7%	6.8%	10.0%	10.6%	8.4%
Reading	21.3%	20.8%	19.8%	22.6%	20.6%	21.8%	23.6%	20.9%	21.9%	20.3%	22.0%	21.4%	21.1%
Slough	13.3%	13.7%	14.0%	15.8%	19.9%	18.7%	21.3%	20.8%	19.6%	20.3%	20.4%	18.0%	20.3%
West Berkshire	17.6%	20.4%	20.4%	20.4%	20.4%	20.0%	19.0%	15.2%	19.0%	20.3%	19.1%	19.2%	19.7%
Windsor and Maidenhead	18.7%	16.6%	17.0%	17.2%	15.3%	16.2%	14.7%	19.8%	17.2%	18.8%	16.8%	17.1%	17.9%
Wokingham	12.4%	13.4%	13.7%	13.1%	12.8%	12.6%	12.1%	12.3%	12.3%	12.8%	11.3%	12.6%	12.1%
South Buckinghamshire	1.2%	1.2%	1.7%	1.4%	0.6%	1.0%	0.8%	0.7%	1.4%	0.6%	0.5%	1.0%	0.5%
Berkshire-wide	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

All Incidents

District	Financial Year											11-Year Average	2-Year Average
	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15		
Bracknell Forest	12.8%	12.9%	12.6%	11.9%	11.8%	11.3%	11.6%	11.8%	11.8%	9.0%	10.2%	11.6%	9.6%
Reading	23.1%	22.9%	21.6%	22.9%	22.1%	23.2%	22.6%	22.6%	22.3%	23.1%	23.7%	22.7%	23.4%
Slough	17.8%	16.2%	16.7%	17.2%	18.2%	16.8%	17.8%	17.2%	15.2%	16.1%	17.3%	16.9%	16.7%
West Berkshire	14.9%	17.4%	17.6%	16.5%	17.5%	17.3%	17.4%	17.0%	18.8%	19.3%	17.8%	17.4%	18.6%
Windsor and Maidenhead	17.7%	16.7%	17.3%	18.2%	17.7%	17.8%	17.6%	18.8%	18.8%	19.5%	17.4%	17.9%	18.5%
Wokingham	12.2%	12.4%	12.6%	12.6%	12.3%	13.0%	12.2%	11.7%	12.2%	11.9%	12.5%	12.3%	12.2%
South Buckinghamshire	1.6%	1.5%	1.5%	0.8%	0.4%	0.5%	0.8%	0.9%	1.0%	1.1%	1.1%	1.0%	1.1%
Berkshire-wide	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**	**100.0%**

Note:

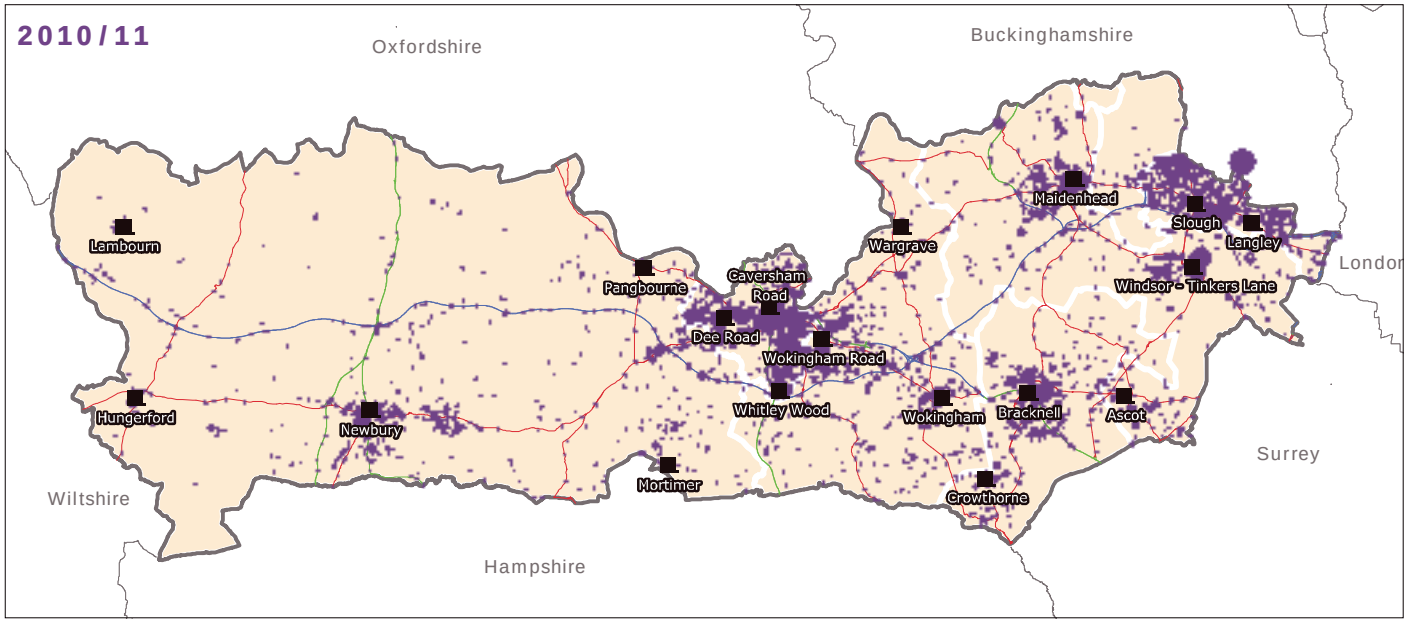
Demand on days of Industrial Action have been removed

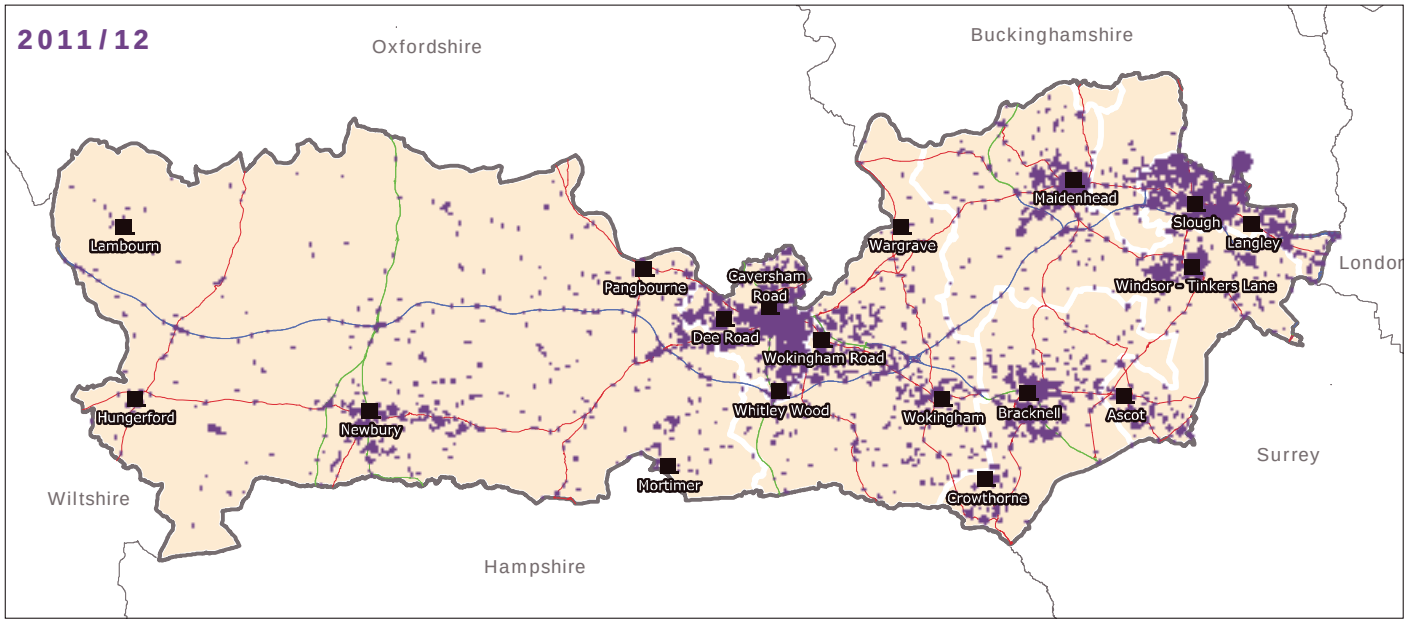
C2b

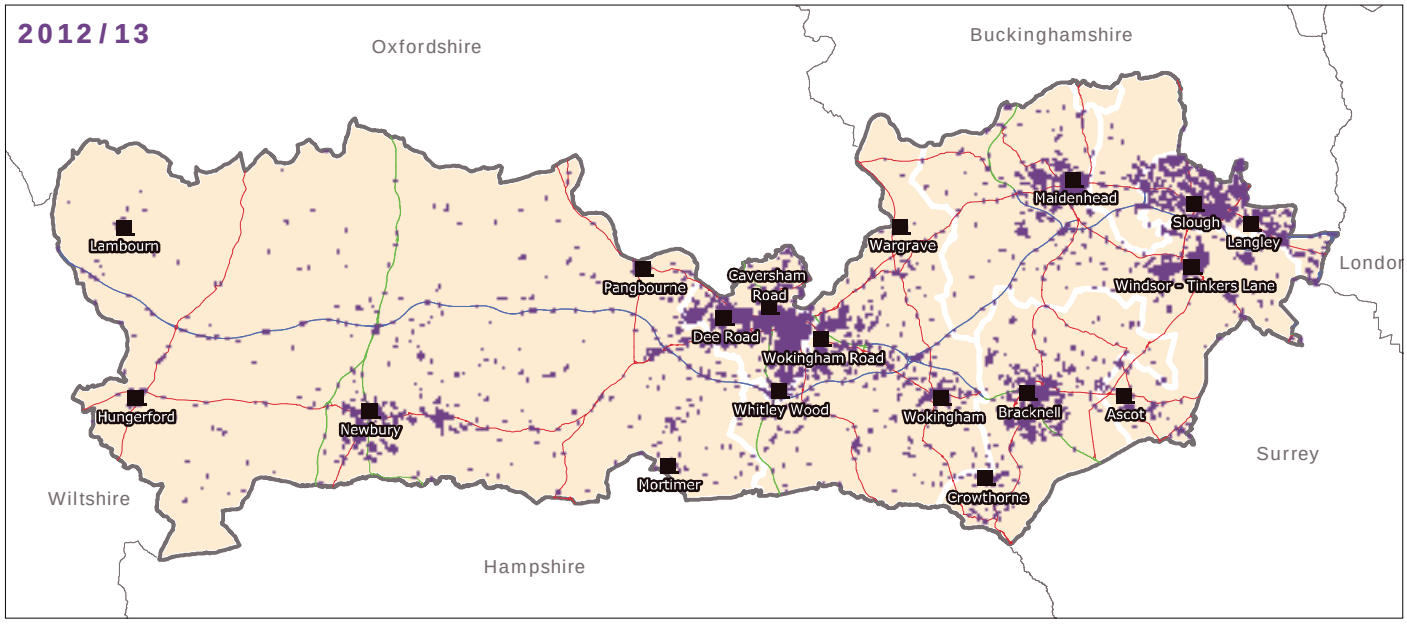
RBFRS - Data Refresh (2015)

Distribution of All Incidents by Year

5-Year Sample (01/04/2010 to 31/03/2015)



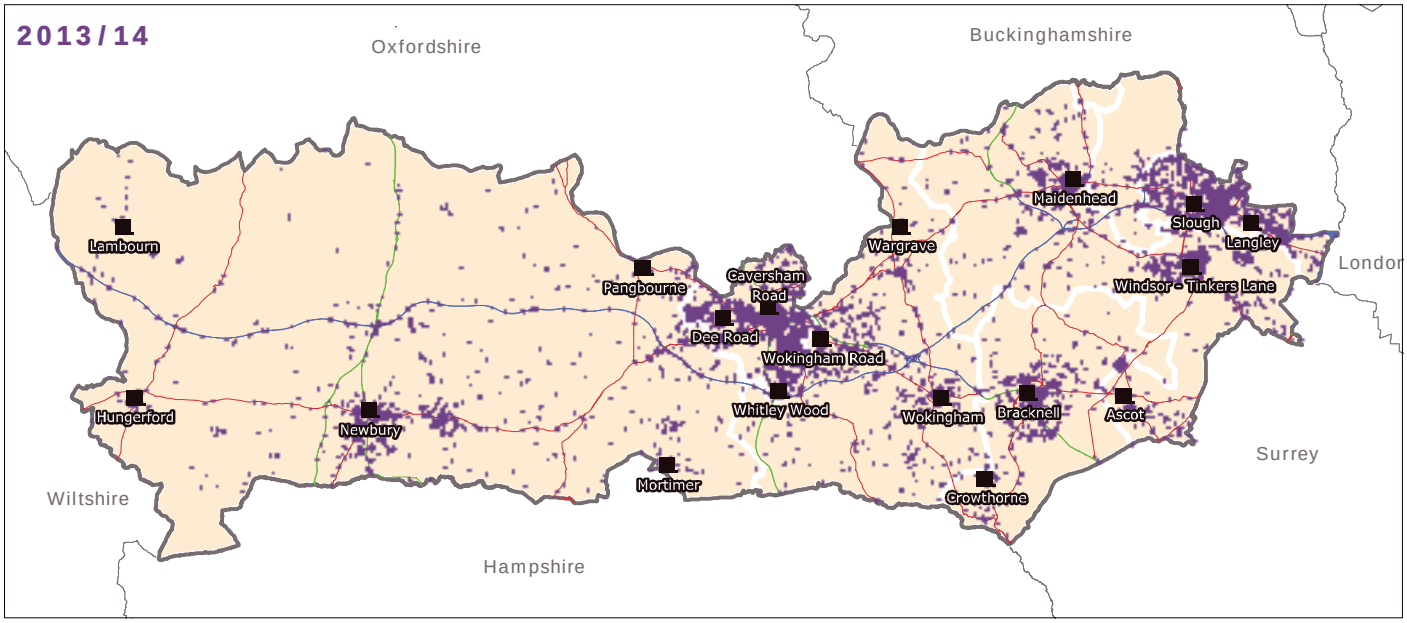


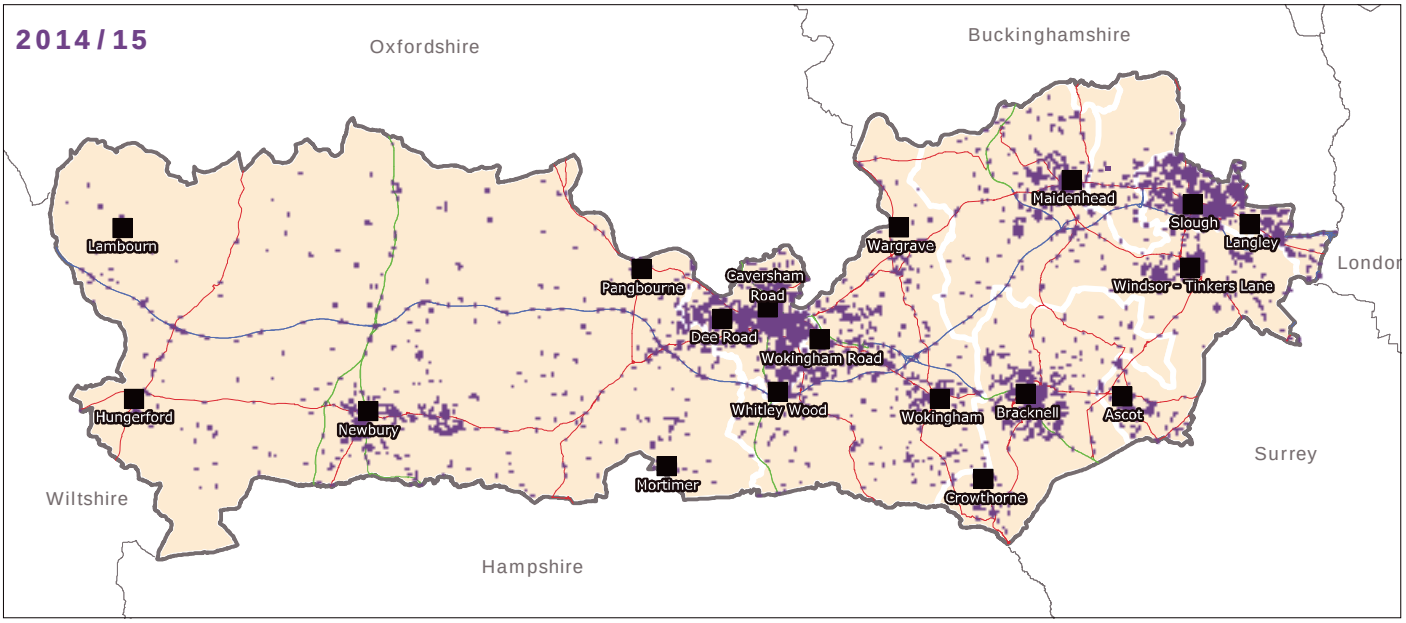


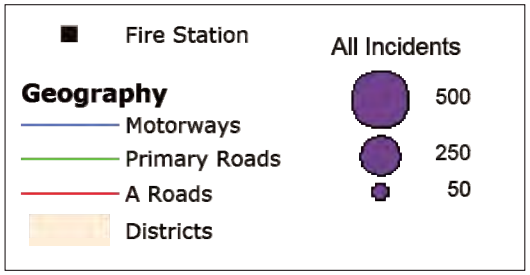
RBFRS - Data Refresh (2015)

Distribution of All Incidents by Year

5-Year Sample (01/04/2010 to 31/03/2015)







RBFRS - Data Refresh (2015)

Station Responses by Financial Year - Total

11-Year Sample (01/04/2004 to 31/03/2015)

Station	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	Total	11-Year Average	2-Year Average
Ascot	425	389	378	292	199	139	88	20	26	18		1,974	181	9
Bracknell	1,842	1,845	1,908	1,724	1,300	1,140	1,049	987	763	612	608	13,778	1,259	610
Caversham Road	1,563	1,644	1,442	1,371	1,079	1,030	949	827	721	727	720	12,073	1,101	724
Cookham	116	129	110	66	40							461	92	0
Crowthorne	412	438	416	362	326	276	202	157	97	96	75	2,857	262	86
Dee Road	1,290	1,406	1,294	1,271	995	959	847	759	639	643	546	10,649	972	596
Hungerford	249	295	220	197	189	187	148	150	157	157	105	2,054	187	132
Lambourn	118	137	135	145	101	68	35	21	22	35	19	836	77	27
Langley	972	893	881	747	709	620	592	531	422	476	397	7,240	661	438
Maidenhead	1,337	1,403	1,368	1,356	1,014	866	791	772	712	550	523	10,692	977	537
Mortimer	180	230	215	173	146	132	134	85	85	93	55	1,528	140	75
Newbury	1,167	1,376	1,360	1,214	1,121	963	814	758	738	774	686	10,971	1,000	731
Pangbourne	144	165	112	67	67	30	31	27	23	29	9	704	64	19
Slough	2,700	2,437	2,516	2,442	1,800	1,587	1,531	1,422	1,183	1,167	1,036	19,821	1,809	1,104
Sonning	116	144	117	58								435	109	0
Wargrave	130	119	111	80	87	86	67	25	17	29	5	756	69	17
Whitley Wood	1,282	1,261	1,224	1,110	788	726	643	626	550	501	412	9,123	833	458
Windsor	670	636	690	634	595	540	476	475	374	437	329	5,856	534	385
Wokingham	203	102	232	262	302	293	257	359	459	417	365	3,251	295	392
Wokingham Road	1,655	1,724	1,569	1,481	1,128	1,085	907	827	753	728	647	12,504	1,141	689
Total	**16,571**	**16,773**	**16,298**	**15,052**	**11,986**	**10,727**	**9,561**	**8,828**	**7,741**	**7,489**	**6,537**	**127,563**	**11,646**	**7,028**

Note:

Denotes stations closed in this financial year

Responses on days of Industrial Action have been removed

C3a

RBFRS - Data Refresh (2015)

Station Responses by Financial Year - Average Daily

11-Year Sample (01/04/2004 to 31/03/2015)

Station	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	11-Year Average	2-Year Average
Ascot	1.2	1.1	1.0	0.8	0.5	0.4	0.2	0.1	0.1	0.1	0.0	0.5	0.0
Bracknell	5.0	5.1	5.2	4.7	3.6	3.1	2.9	2.7	2.1	1.7	1.8	3.5	1.8
Caversham Road	4.3	4.5	4.0	3.7	3.0	2.8	2.6	2.3	2.0	2.0	2.2	3.0	2.1
Cookham	0.3	0.4	0.3	0.2	0.1							0.3	
Crowthorne	1.1	1.2	1.1	1.0	0.9	0.8	0.6	0.4	0.3	0.3	0.2	0.7	0.2
Dee Road	3.5	3.9	3.5	3.5	2.7	2.6	2.3	2.1	1.8	1.8	1.6	2.7	1.7
Hungerford	0.7	0.8	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.5	0.4
Lambourn	0.3	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.1
Langley	2.7	2.4	2.4	2.0	1.9	1.7	1.6	1.5	1.2	1.3	1.2	1.8	1.3
Maidenhead	3.7	3.8	3.7	3.7	2.8	2.4	2.2	2.1	2.0	1.5	1.6	2.7	1.6
Mortimer	0.5	0.6	0.6	0.5	0.4	0.4	0.4	0.2	0.2	0.3	0.2	0.4	0.2
Newbury	3.2	3.8	3.7	3.3	3.1	2.6	2.2	2.1	2.0	2.2	2.1	2.8	2.1
Pangbourne	0.4	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.2	0.1
Slough	7.4	6.7	6.9	6.7	4.9	4.3	4.2	3.9	3.2	3.3	3.1	5.0	3.2
Sonning	0.3	0.4	0.3	0.2								0.3	
Wargrave	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.0	0.1	0.0	0.2	0.0
Whitley Wood	3.5	3.5	3.4	3.0	2.2	2.0	1.8	1.7	1.5	1.4	1.2	2.3	1.3
Windsor	1.8	1.7	1.9	1.7	1.6	1.5	1.3	1.3	1.0	1.2	1.0	1.5	1.1
Wokingham	0.6	0.3	0.6	0.7	0.8	0.8	0.7	1.0	1.3	1.2	1.1	0.8	1.1
Wokingham Road	4.5	4.7	4.3	4.0	3.1	3.0	2.5	2.3	2.1	2.0	1.9	3.1	2.0
Total	**45.4**	**46.0**	**44.7**	**41.1**	**32.8**	**29.4**	**26.2**	**24.1**	**21.2**	**21.0**	**19.6**	**32.1**	**20.3**

Note:

Denotes stations closed in this financial year

Responses on days of Industrial Action have been removed

C3b

D Response Profile Analysis

D1 Response Performance Comparison – 2013/14 vs. 2014/15

D2 Historical Profile of Crew Response Performance

D2a By Year and Incident Type

D2b By Year and District

D3 Cumulative Response Profile (All Incidents)

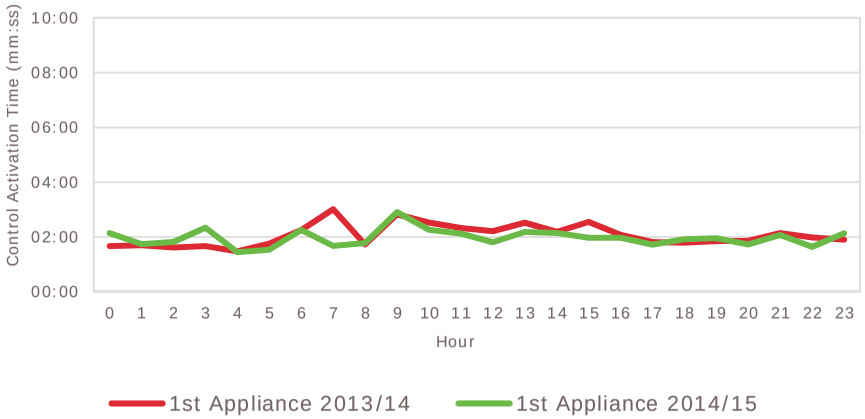
RBFRS - Data Refresh (2015)

Call Components (mm:ss) 2-Year Comparison

2-Year Sample (FY13/14 & FY14/15)

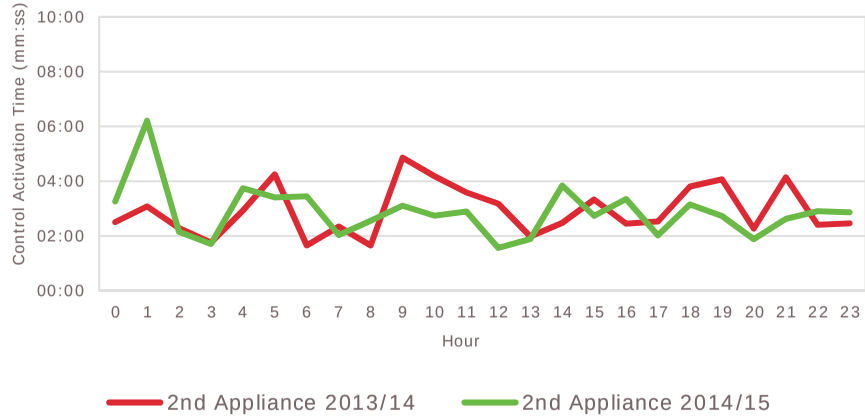
Average Control Activation Time 1st Appliance

2-Year (FY13/14 & FY14/15)



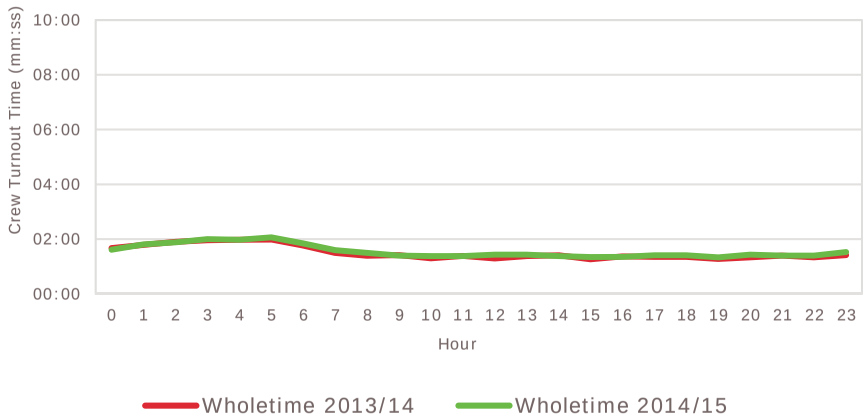
Average Control Activation Time 2nd Appliance

2-Year (FY13/14 & FY14/15)



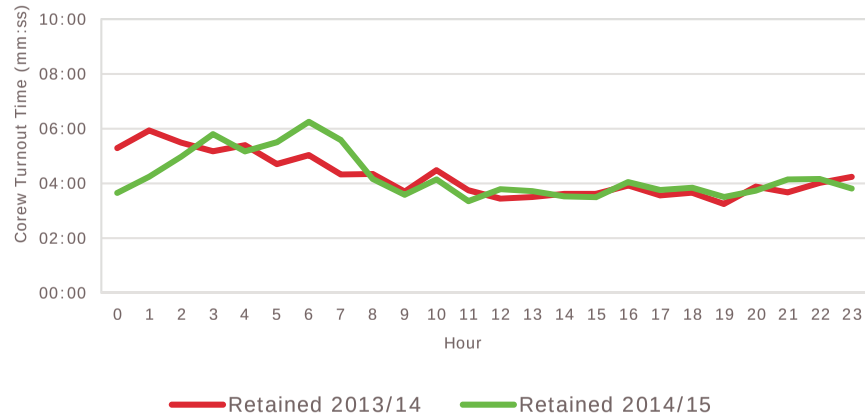
Average Crew Turnout Time Wholetime

2-Year (FY13/14 & FY14/15)



Average Crew Turnout Time Retained

2-Year (FY13/14 & FY14/15)

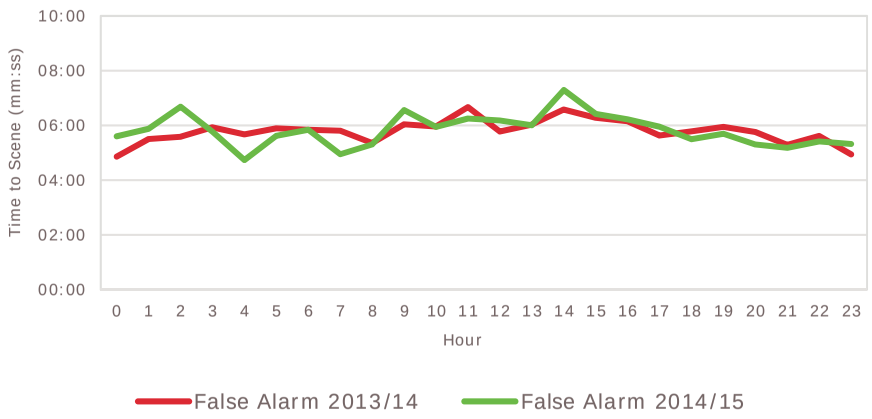


RBFRS - Data Refresh (2015)

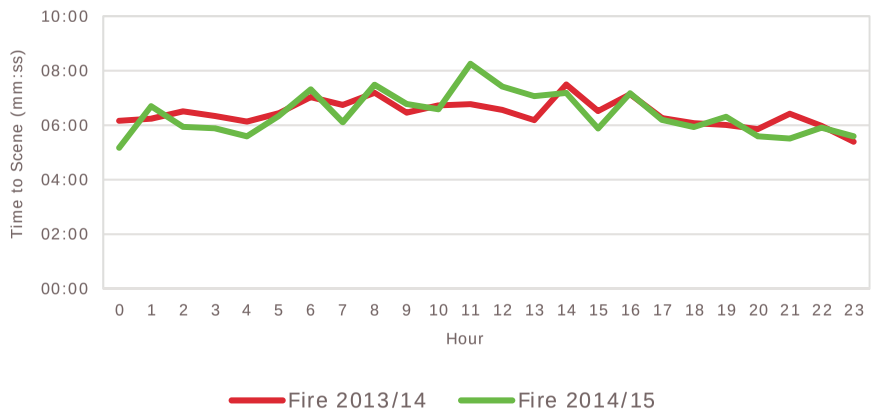
Call Components (mm:ss) 2-Year Comparison

2-Year Sample (FY13/14 & FY14/15)

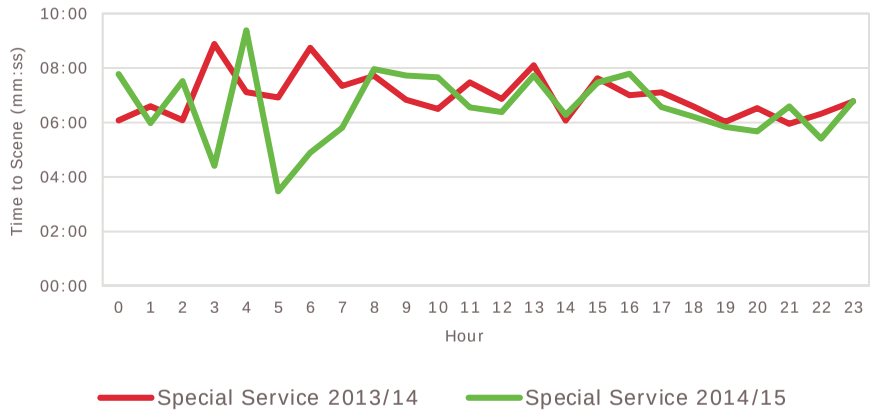
Average Time to Scene
False Alarms
2-Year (FY13/14 & FY14/15)



Average Time to Scene
Fire
2-Year (FY13/14 & FY14/15)



Average Time to Scene
Special Service
2-Year (FY13/14 & FY14/15)

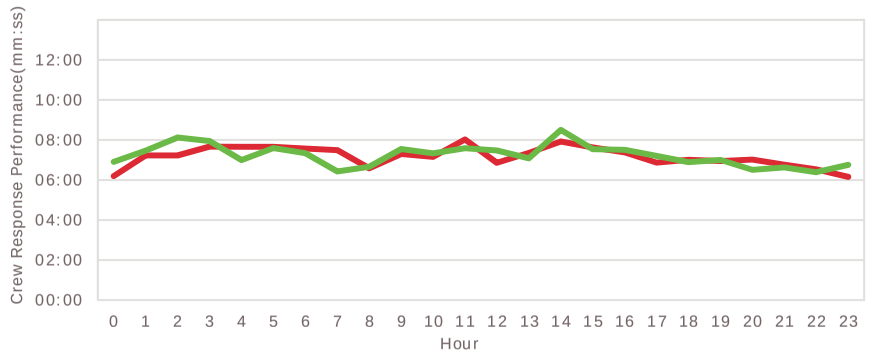


RBFRS - Data Refresh (2015)

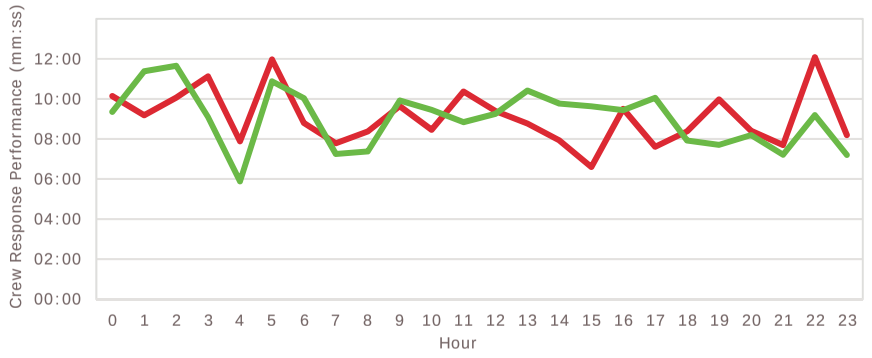
Call Components (mm:ss) 2-Year Comparison

2-Year Sample (FY13/14 & FY14/15)

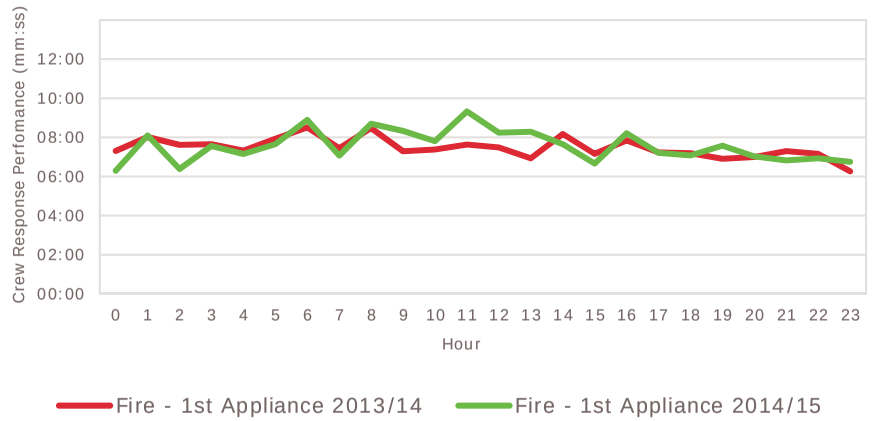
Average Crew Response Performance
False Alarms - 1st Appliance
2-Year (FY13/14 & FY14/15)



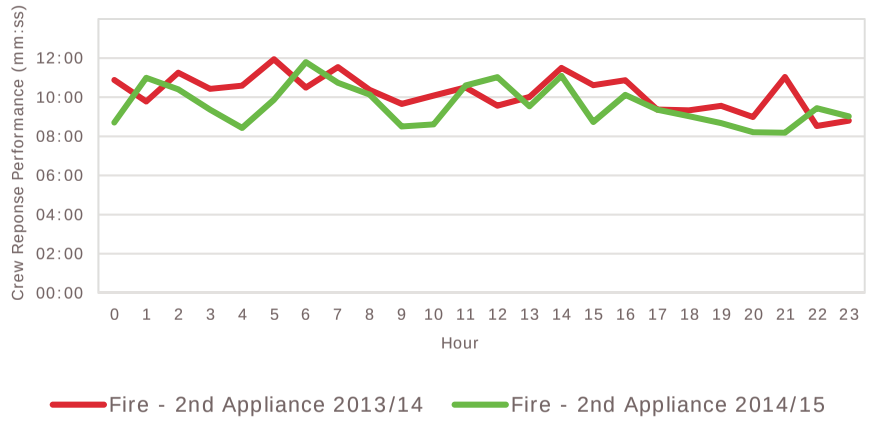
Average Crew Response Performance
False Alarms- 2nd Appliance
2-Year (FY13/14 & FY14/15)



Average Crew Response Performance
Fire - 1st Appliance
2-Year (FY13/14 & FY14/15)



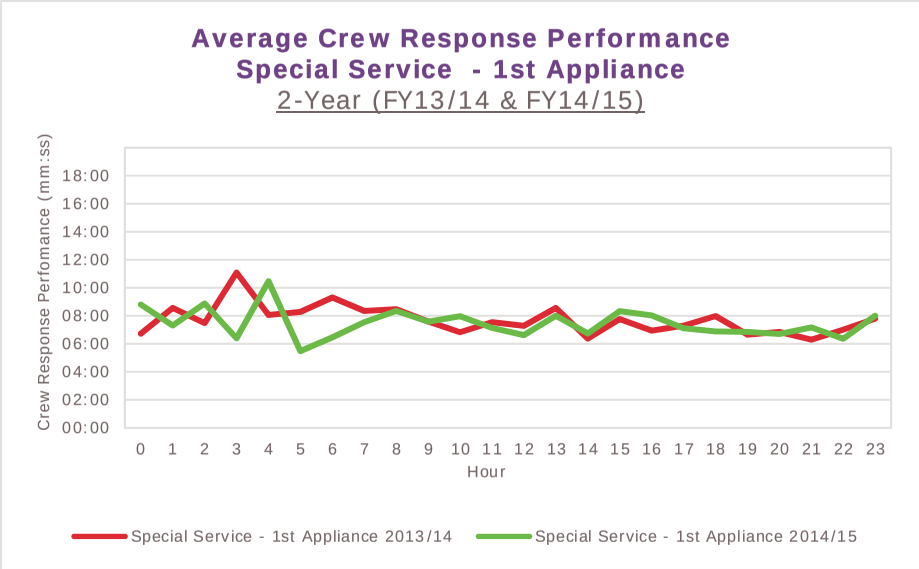
Average Crew Response Performance
Fire - 2nd Appliance
2-Year (FY13/14 & FY14/15)

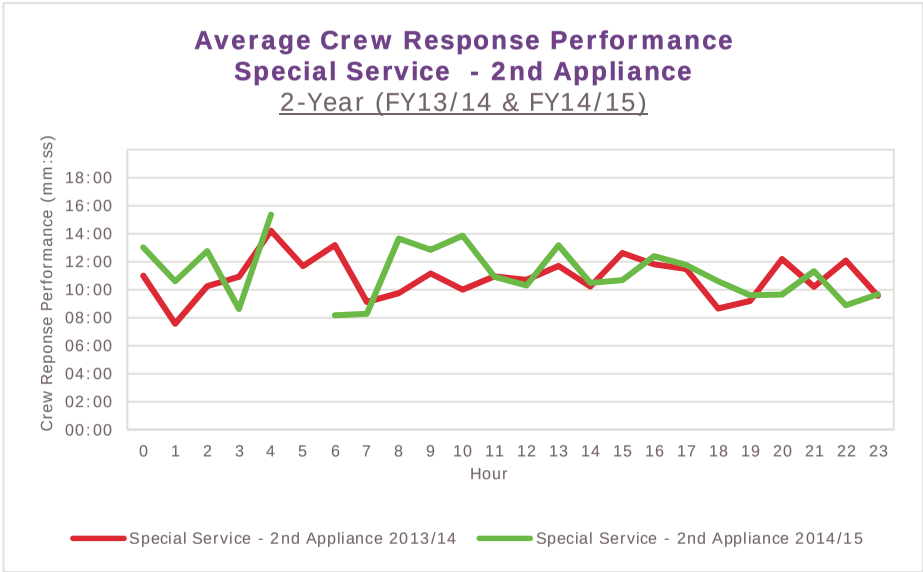


RBFRS - Data Refresh (2015)

Call Components (mm:ss) 2-Year Comparison

2-Year Sample (FY13/14 & FY14/15)

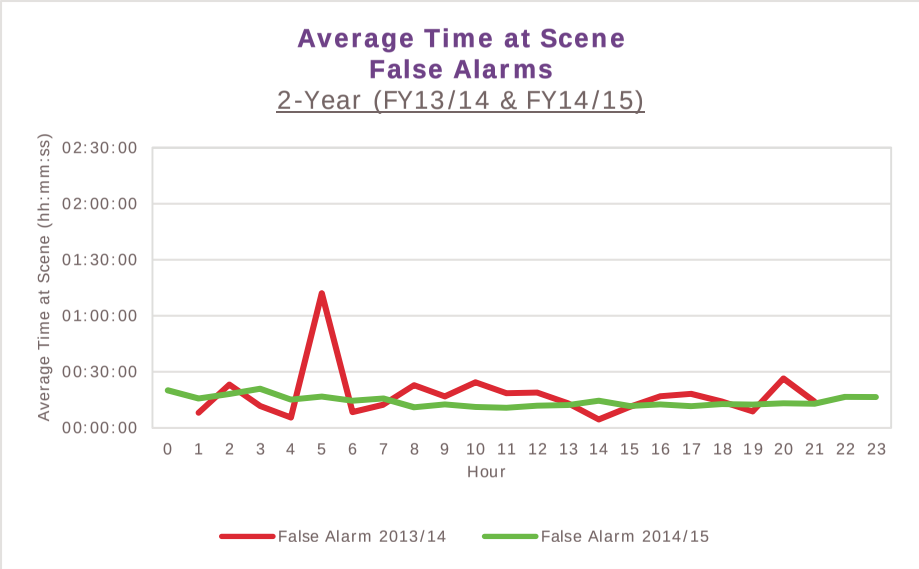


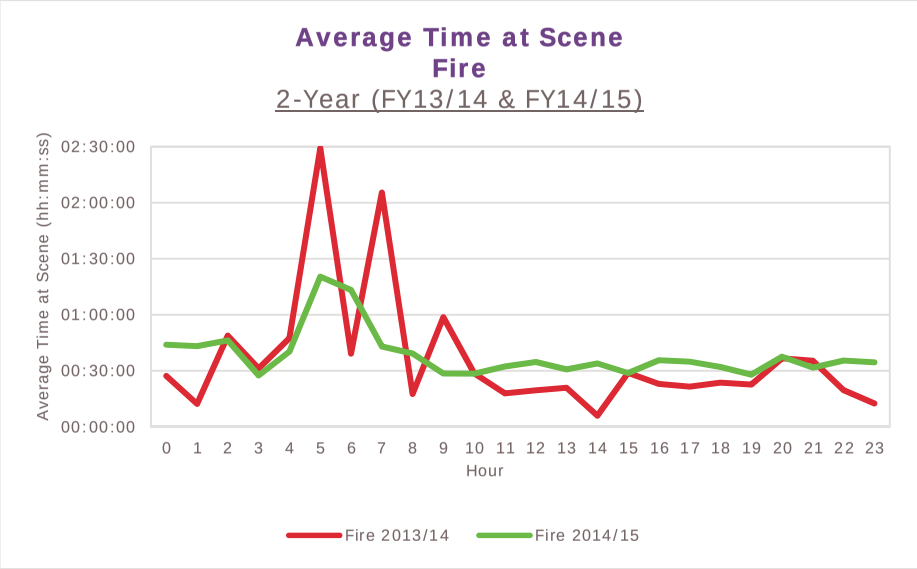


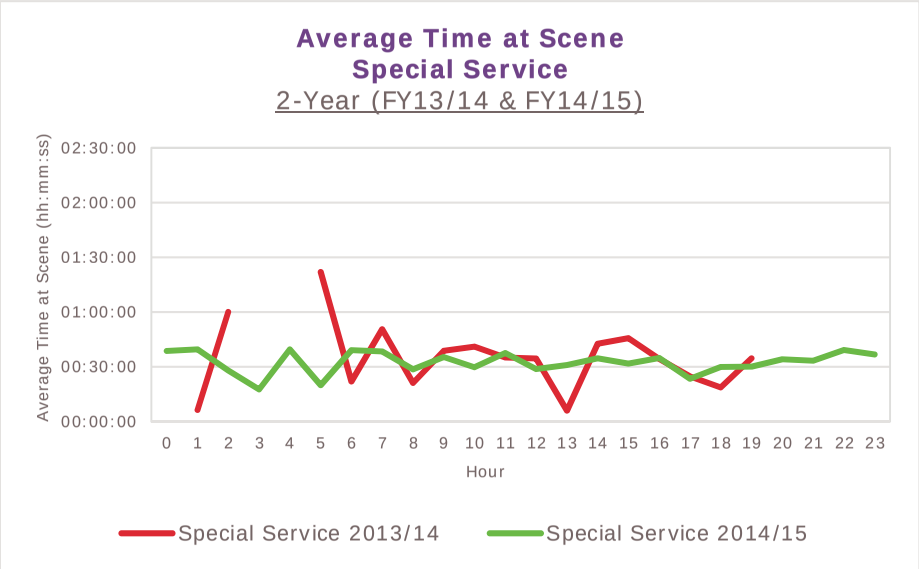
RBFRS - Data Refresh (2015)

Call Components (hh:mm:ss) 2-Year Comparison

2-Year Sample (FY13/14 & FY14/15)



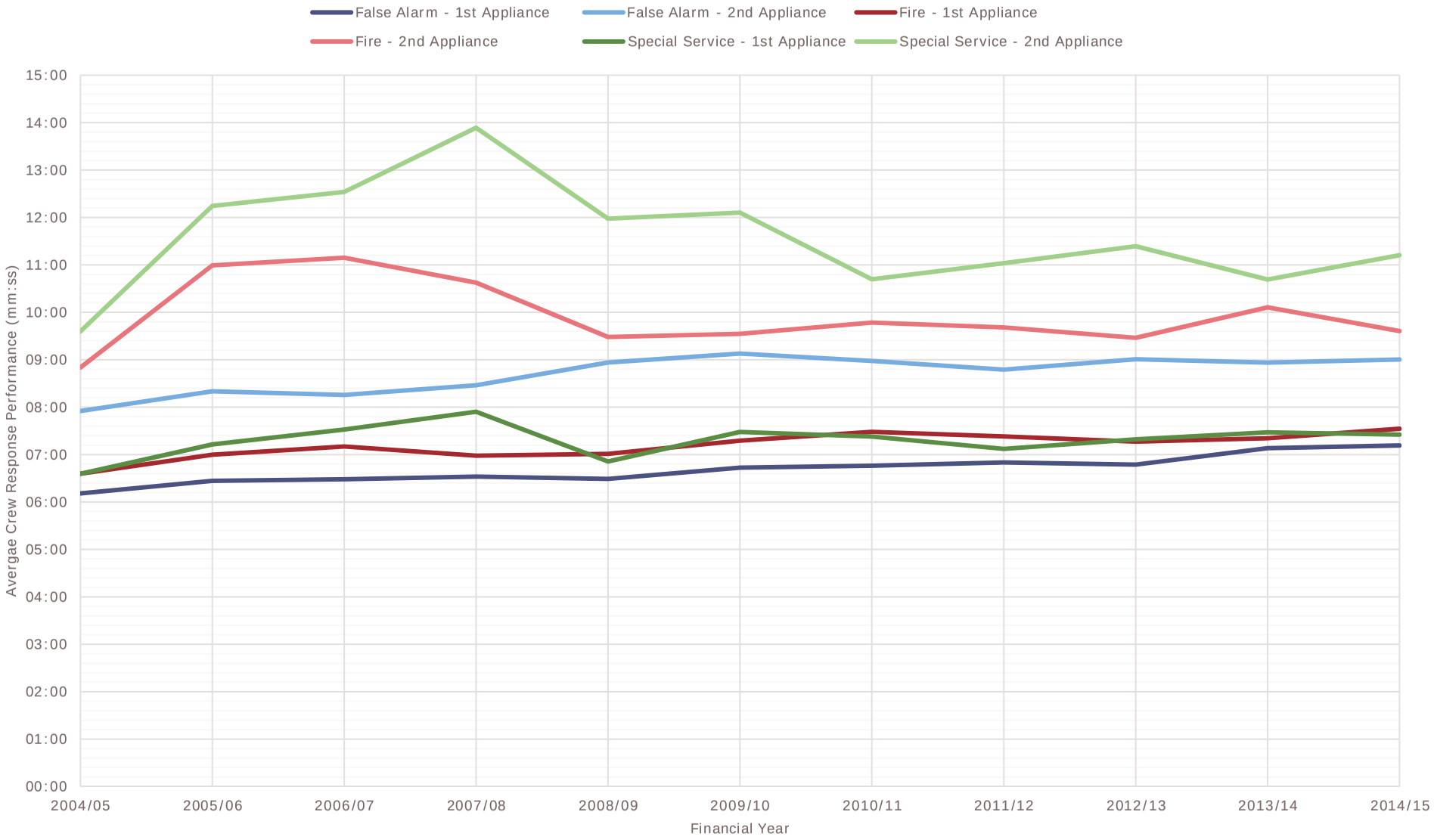




RBFRS - Data Refresh (2015)

Average Crew Response Performance by Year

11-Year Sample (2004/05 to 2014/15)



D2a

RBFRS - Data Refresh (2015)

Crew Response Performance by District

11-Year Sample (01/04/2004 to 31/03/2015)

District	Responder	Financial Year											11-Year Average	2-Year Average
		2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15		
Bracknell Forest	1st Appliance	06:02	06:19	06:28	06:25	06:29	06:51	06:40	06:45	06:22	06:31	06:22	06:27	06:27
	2nd Appliance	09:40	10:49	11:43	10:40	09:39	09:58	10:38	10:23	10:18	10:18	10:45	10:31	10:32
Reading	1st Appliance	04:46	05:02	05:08	05:13	05:10	05:35	05:36	05:41	05:40	05:48	05:48	05:19	05:48
	2nd Appliance	06:31	06:59	07:03	07:24	07:18	08:01	07:40	07:34	07:43	08:21	08:17	07:17	08:19
Slough	1st Appliance	05:32	05:52	06:04	05:55	05:46	05:51	06:07	06:09	06:01	06:06	06:04	05:55	06:05
	2nd Appliance	06:11	07:16	07:00	06:52	06:37	07:01	07:02	07:01	07:14	07:49	07:01	06:56	07:26
West Berkshire	1st Appliance	08:28	08:51	09:04	09:22	08:57	09:15	09:12	09:15	09:21	09:38	09:56	09:04	09:46
	2nd Appliance	12:03	13:13	13:32	14:47	13:55	13:39	12:54	13:10	14:10	12:56	12:38	13:18	12:48
Windsor and Maidenhead	1st Appliance	06:43	07:06	07:11	07:06	06:55	07:15	07:17	07:08	07:01	07:27	07:53	07:13	07:27
	2nd Appliance	09:13	10:19	10:17	10:13	10:15	10:04	10:08	10:21	09:31	09:53	10:43	10:05	10:15
Wokingham	1st Appliance	07:48	08:02	08:02	08:08	07:31	08:06	08:28	08:06	07:45	08:00	08:18	08:01	08:08
	2nd Appliance	09:47	10:39	11:02	10:46	11:01	11:03	11:15	10:37	10:31	11:16	10:52	10:46	11:05
South Buckinghamshire	1st Appliance	09:33	10:00	10:03	09:06	08:33	09:16	10:31	10:58	11:13	09:19	08:24	09:44	08:55
	2nd Appliance	09:12	20:29	13:22	11:19	09:30	10:43	10:08	13:45	10:54	11:55	07:45	12:04	09:55
Berkshire-wide	**1st Appliance**	**06:25**	**06:48**	**06:57**	**06:54**	**06:42**	**07:03**	**07:08**	**07:06**	**07:03**	**07:17**	**07:21**	**06:54**	**07:19**
	2nd Appliance	**08:26**	**09:27**	**09:32**	**09:32**	**09:37**	**09:47**	**09:41**	**09:34**	**09:42**	**10:00**	**09:50**	**09:13**	**10:00**

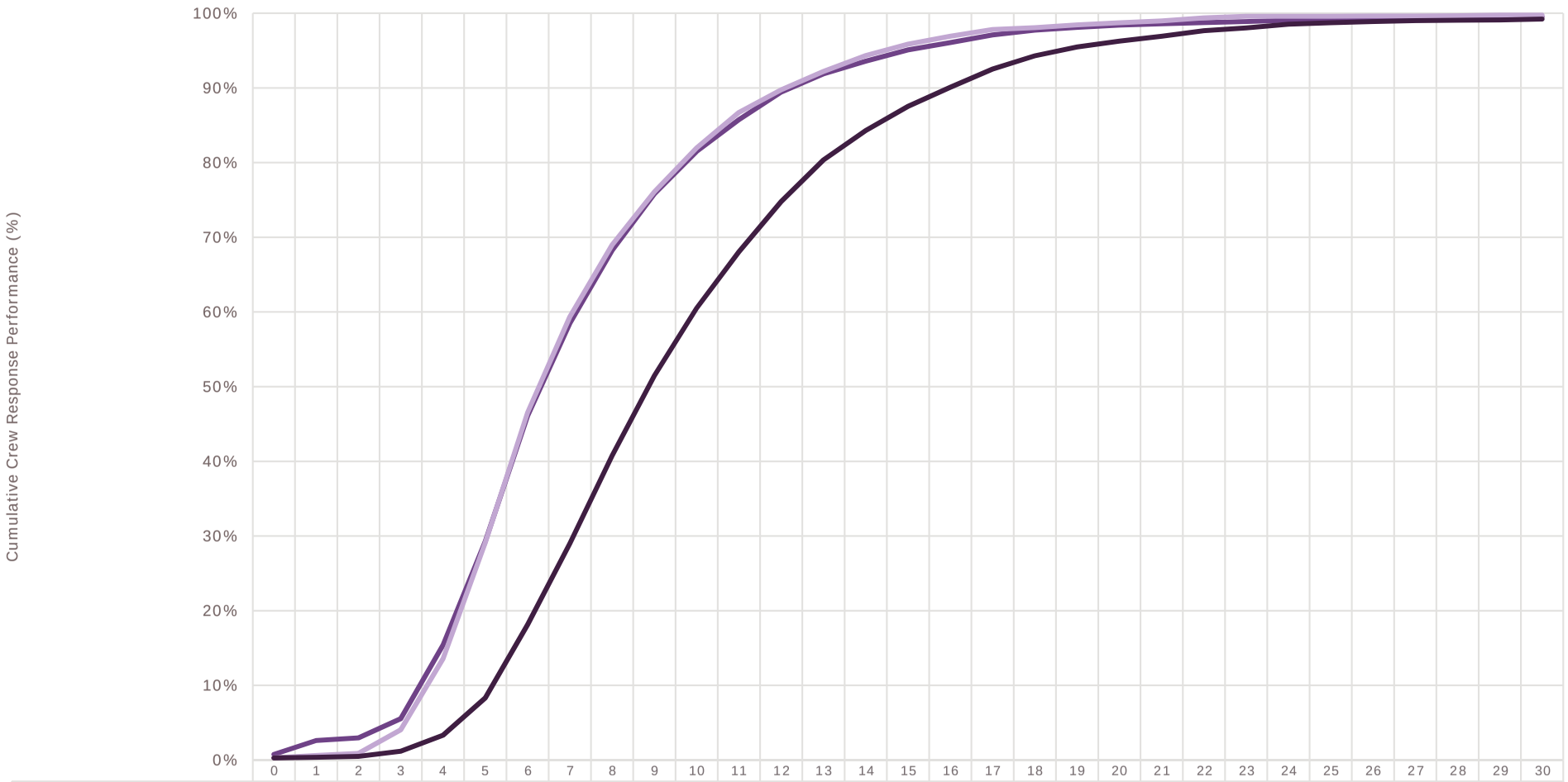
Note:

Demand on days of Industrial Action have been removed

RBFRS - Data Refresh (2015)

Cumulative Response Profiles - All Incidents

2-Year Sample (2013/14 to 2014/15)



	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
% 1st to 1-App Incidents	1%	3%	3%	6%	15%	29%	46%	58%	68%	76%	81%	86%	89%	92%	94%	95%	96%	97%	98%	98%	98%	99%	99%	99%	99%	99%	99%	99%	99%	99%	100%
% 1st to 2+ App Incidents	0%	1%	1%	4%	14%	29%	47%	59%	69%	76%	82%	87%	90%	92%	94%	96%	97%	98%	98%	98%	99%	99%	99%	100%	100%	100%	100%	100%	100%	100%	100%
% 2nd to 2+ App Incidents	0%	0%	0%	1%	3%	8%	18%	29%	41%	51%	61%	68%	75%	80%	84%	88%	90%	93%	94%	95%	96%	97%	98%	98%	99%	99%	99%	99%	99%	99%	99%

D3

E Modelling Results – Base A

Berkshire Fire

Modelled Base A

24/7 Performance Results

2012/13 to 2013/14 Modelled Base

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:26	88.8%	10:19	78.1%	91.3%	81.3%	90.5%
Reading	05:43	93.7%	08:00	91.5%	96.4%	93.1%	97.5%
Slough	06:04	92.1%	07:32	92.0%	97.2%	93.8%	87.0%
West Berkshire	09:20	63.2%	12:36	48.4%	57.8%	57.4%	54.9%
Windsor and Maidenhead	07:35	77.9%	09:36	77.5%	79.4%	82.7%	83.8%
Wokingham	07:52	77.1%	10:49	72.2%	84.9%	83.6%	81.8%
South Buckinghamshire	10:08	63.5%	11:14	59.4%	64.3%	75.0%	72.2%
Service-Wide	07:12	81.9%	09:40	76.9%	84.2%	83.9%	78.2%

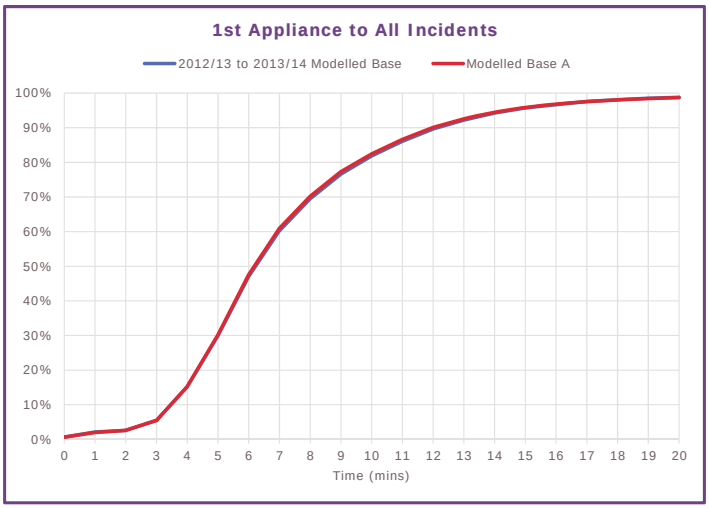
Modelled Base A

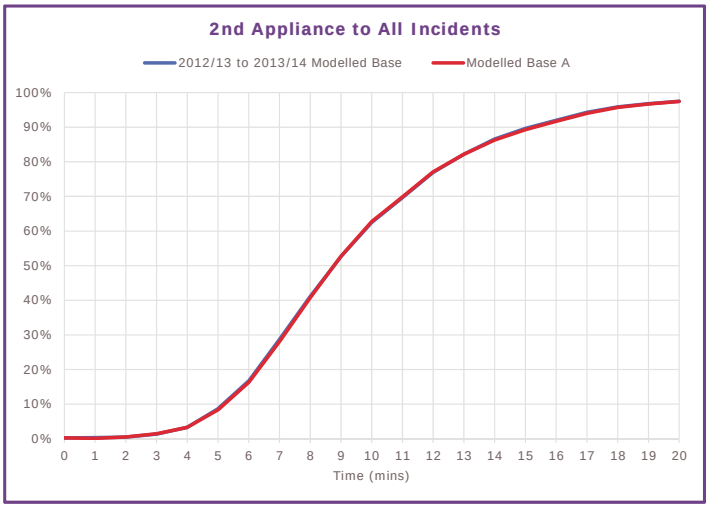
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.3%
Reading	05:46	93.5%	08:03	91.4%	96.1%	92.8%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:38	60.9%	12:47	47.3%	54.4%	55.1%	52.8%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:04	75.3%	10:59	69.4%	81.9%	77.8%	80.7%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:09	82.5%	09:41	77.1%	83.2%	83.1%	77.7%

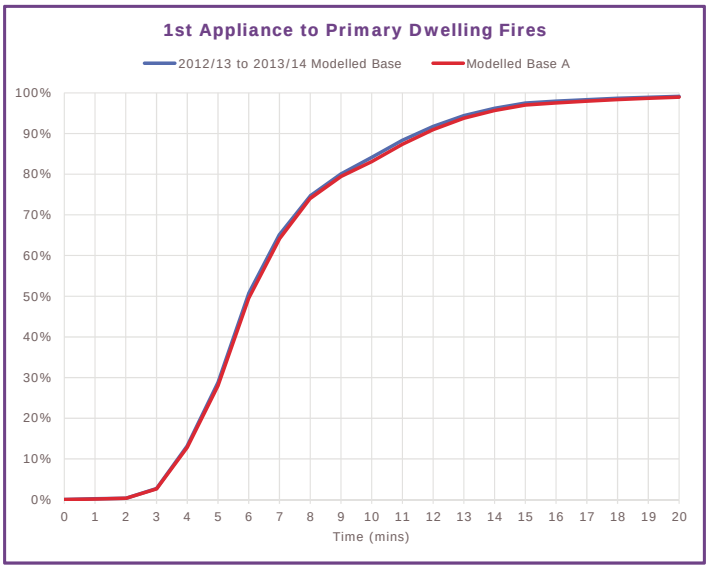
Impact

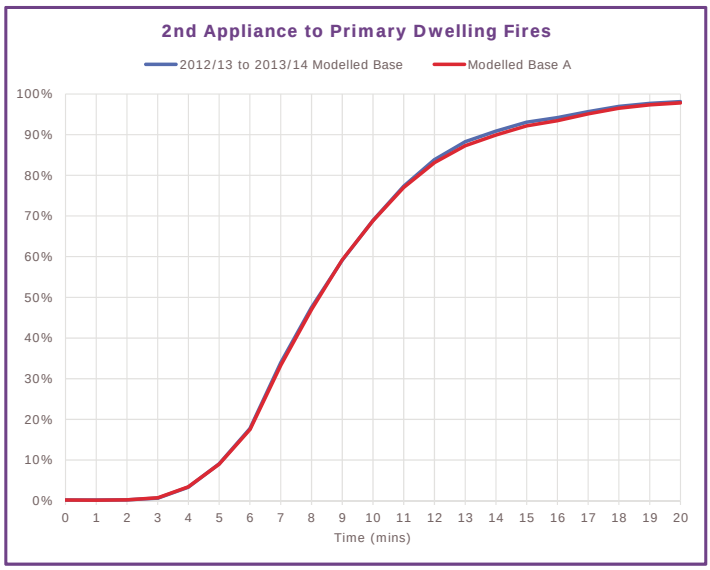
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	-00:10	1.5%	-00:36	6.9%	0.3%	5.0%	3.8%
Reading	00:03	-0.2%	00:03	-0.1%	-0.3%	-0.3%	-0.6%
Slough	-00:04	0.3%	00:01	-0.6%	0.3%	0.0%	-1.2%
West Berkshire	00:18	-2.3%	00:11	-1.1%	-3.4%	-2.3%	-2.1%
Windsor and Maidenhead	-00:43	5.4%	-00:11	1.6%	3.9%	0.9%	2.4%
Wokingham	00:12	-1.8%	00:10	-2.8%	-3.0%	-5.8%	-1.1%
South Buckinghamshire	00:03	-1.8%	00:17	-5.7%	-0.8%	-10.1%	-2.0%
Service-Wide	-00:03	0.6%	00:01	0.2%	-1.0%	-0.8%	-0.5%

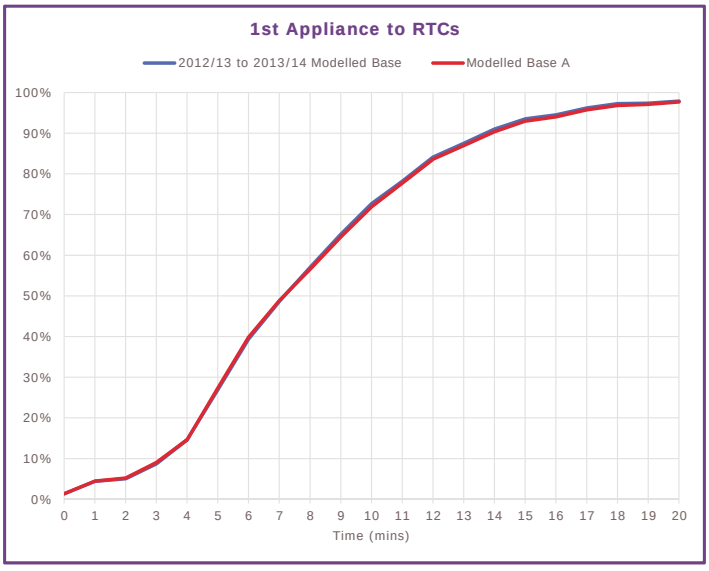
Berkshire Fire
Modelled Base A
Response Distributions

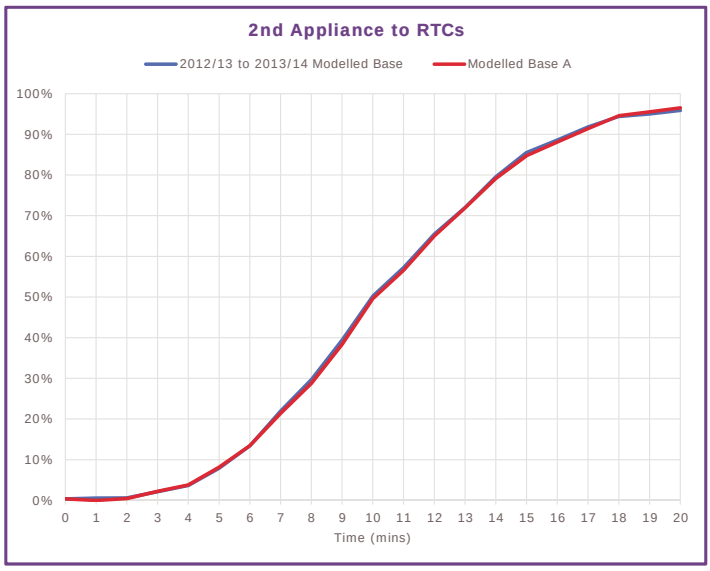












Berkshire Fire

Modelled Base A: FJY Theale 1&2

24/7 Performance Results

Modelled Base A

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.3%
Reading	05:46	93.5%	08:03	91.4%	96.1%	92.8%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:38	60.9%	12:47	47.3%	54.4%	55.1%	52.8%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:04	75.3%	10:59	69.4%	81.9%	77.8%	80.7%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:09	82.5%	09:41	77.1%	83.2%	83.1%	77.7%

FJY Theale 1&2

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.4%
Reading	06:25	90.7%	09:30	86.4%	93.3%	87.6%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	08:42	67.2%	12:07	53.5%	63.3%	60.2%	64.0%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:04	75.7%	10:56	70.6%	82.6%	78.8%	81.1%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:08	83.0%	09:51	77.2%	84.3%	83.0%	80.7%

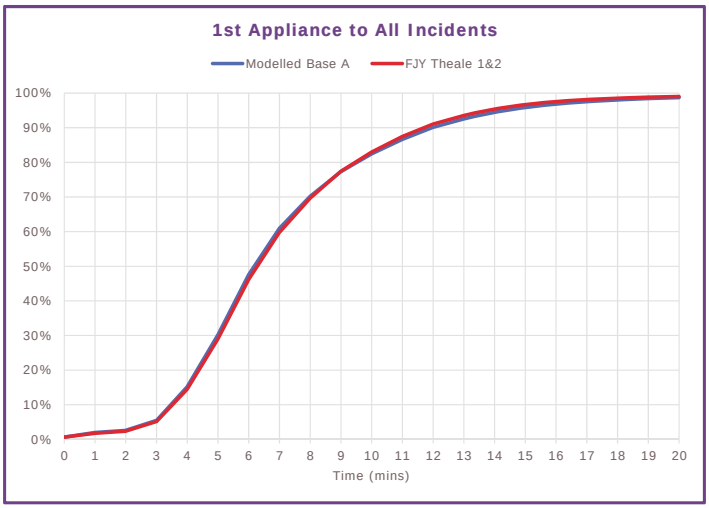
Impact

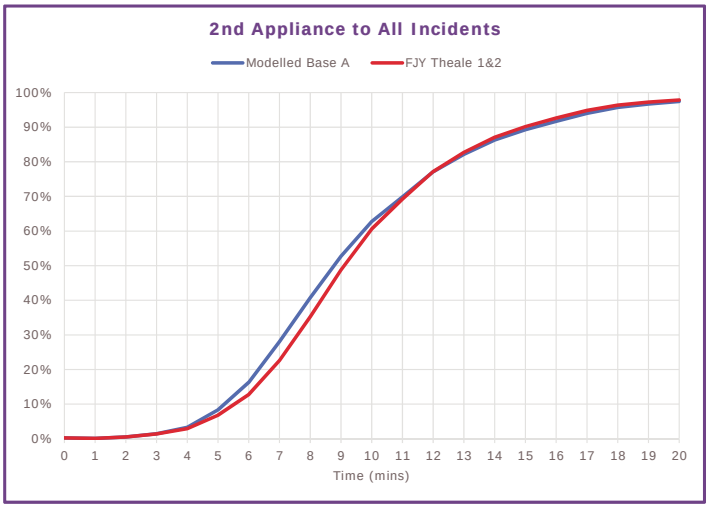
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.1%
Reading	00:39	-2.8%	01:27	-5.0%	-2.8%	-5.2%	0.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:56	6.3%	-00:40	6.2%	8.9%	5.1%	11.2%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	00:00	0.4%	-00:03	1.2%	0.7%	1.0%	0.4%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	-00:01	0.5%	00:10	0.1%	1.1%	-0.1%	3.0%

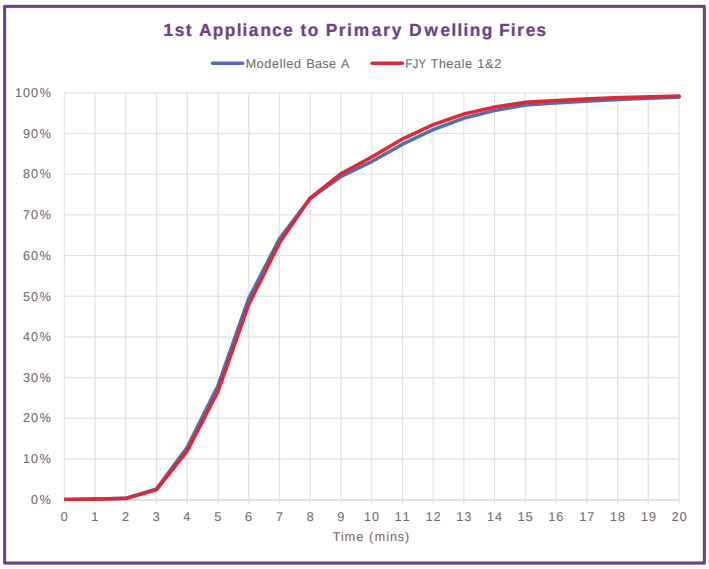
Berkshire Fire

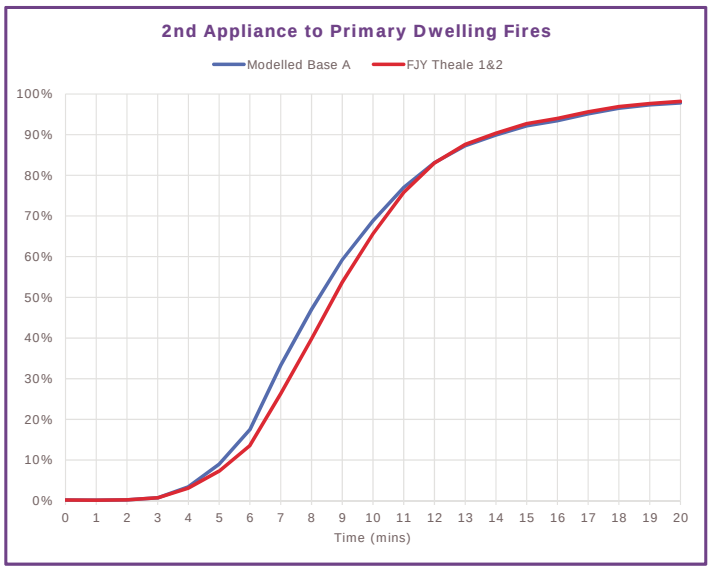
Modelled Base A: FJY Theale 1&2

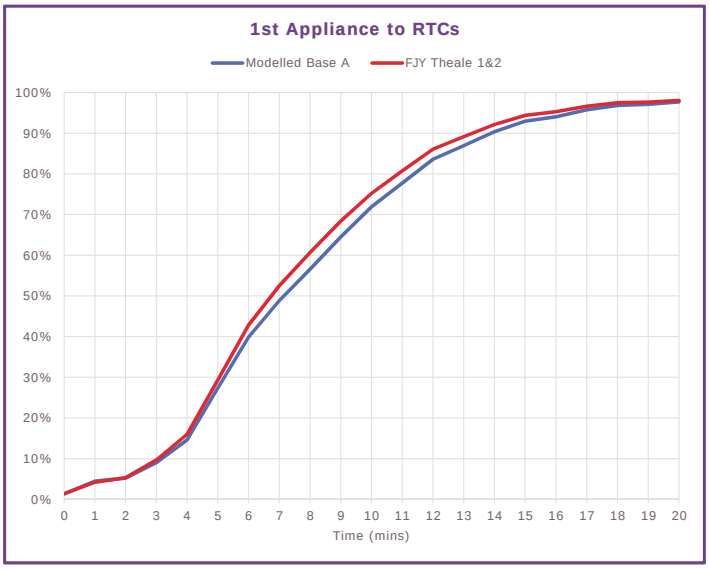
Response Distributions

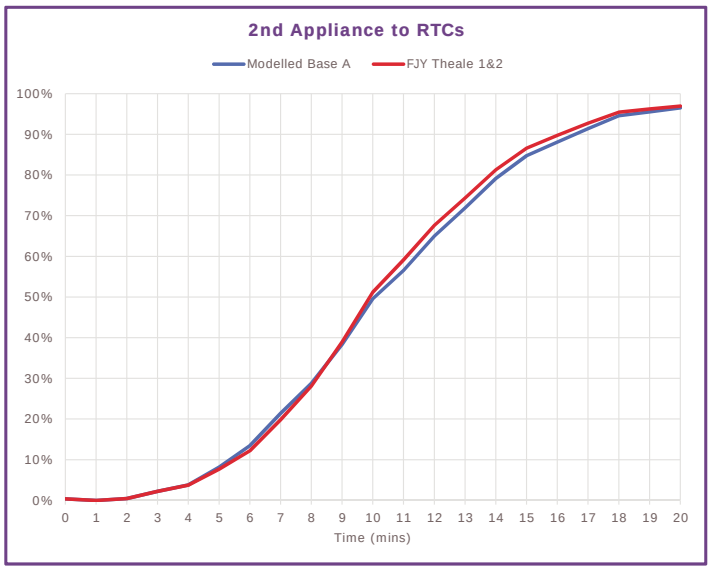












Berkshire Fire

Modelled Base A: FJY Theale 3

24/7 Performance Results

Modelled Base A

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.3%
Reading	05:46	93.5%	08:03	91.4%	96.1%	92.8%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:38	60.9%	12:47	47.3%	54.4%	55.1%	52.8%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:04	75.3%	10:59	69.4%	81.9%	77.8%	80.7%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:09	82.5%	09:41	77.1%	83.2%	83.1%	77.7%

FJY Theale 3

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.2%	94.4%
Reading	06:29	89.6%	09:36	85.4%	92.3%	86.4%	96.6%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	08:50	65.9%	12:09	53.1%	61.8%	59.8%	62.7%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:04	75.6%	10:57	70.2%	82.4%	78.5%	80.8%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:10	82.5%	09:53	76.9%	83.8%	82.6%	80.3%

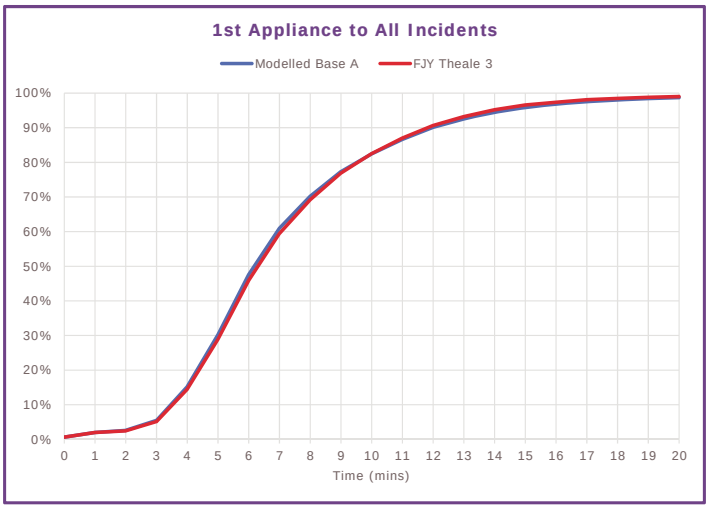
Impact

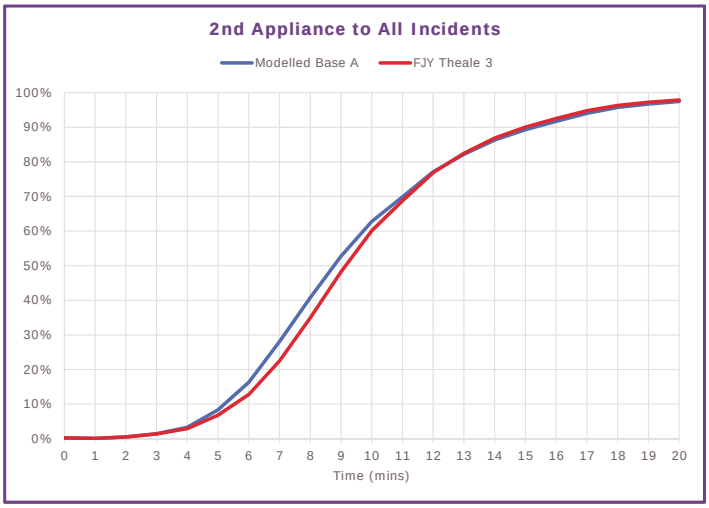
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.0%	0.0%	-0.1%	0.1%
Reading	00:43	-3.9%	01:33	-6.0%	-3.8%	-6.4%	-0.3%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:48	5.0%	-00:38	5.8%	7.4%	4.7%	9.9%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	00:00	0.3%	-00:02	0.8%	0.5%	0.7%	0.1%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:01	0.0%	00:12	-0.2%	0.6%	-0.5%	2.6%

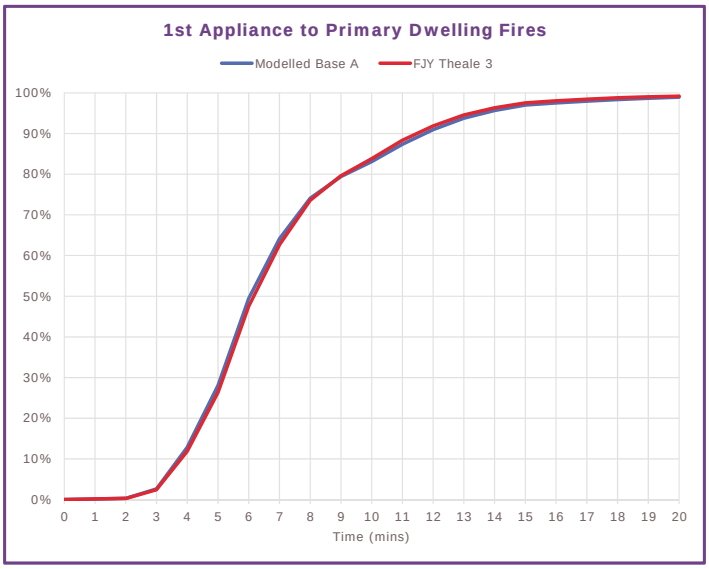
Berkshire Fire

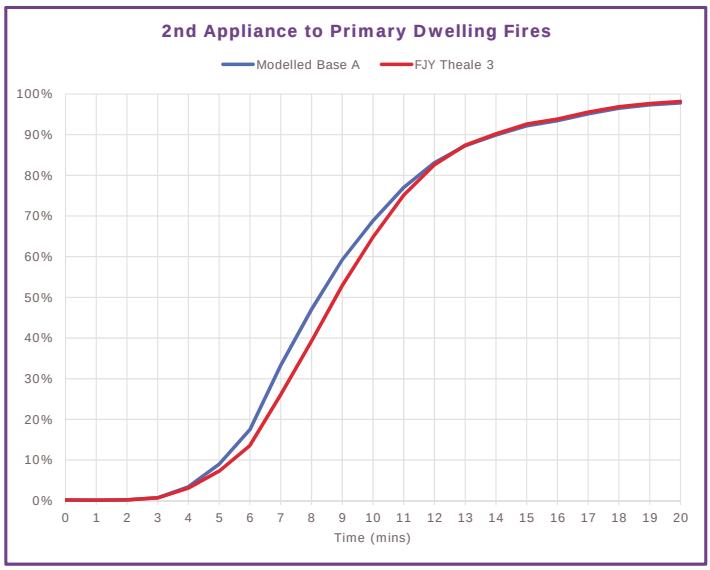
Modelled Base A: FJY Theale 3

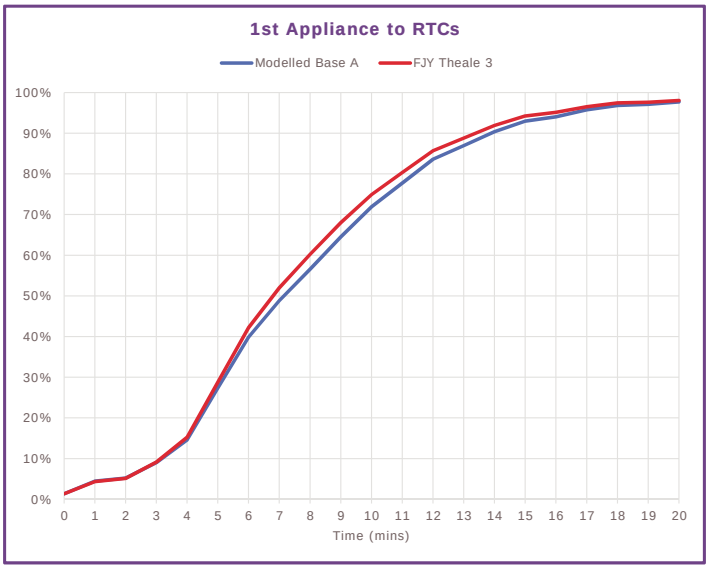
Response Distributions

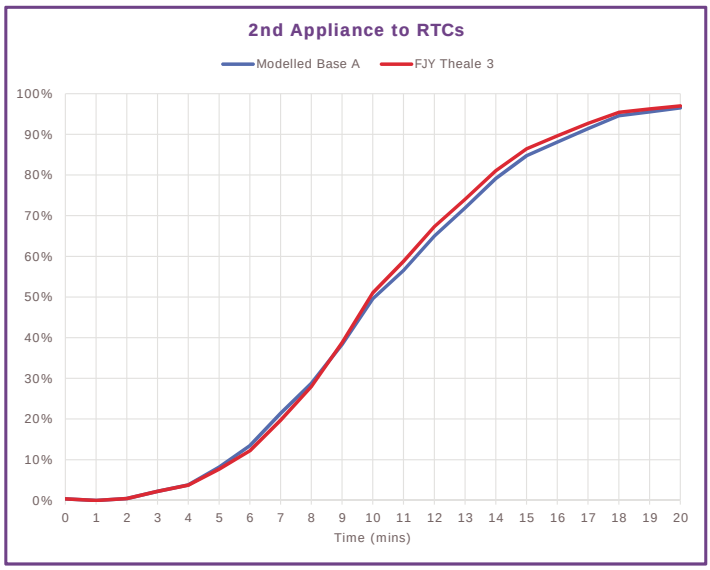












Berkshire Fire

Modelled Base A: FJY Theale 4

24/7 Performance Results

Modelled Base A

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.3%
Reading	05:46	93.5%	08:03	91.4%	96.1%	92.8%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:38	60.9%	12:47	47.3%	54.4%	55.1%	52.8%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:04	75.3%	10:59	69.4%	81.9%	77.8%	80.7%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:09	82.5%	09:41	77.1%	83.2%	83.1%	77.7%

FJY Theale 4

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.4%
Reading	06:27	90.4%	09:32	86.0%	93.0%	87.1%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	08:42	67.5%	12:06	53.6%	63.7%	60.5%	64.1%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:04	75.6%	10:56	70.4%	82.5%	78.7%	81.0%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:08	83.0%	09:52	77.1%	84.3%	83.0%	80.8%

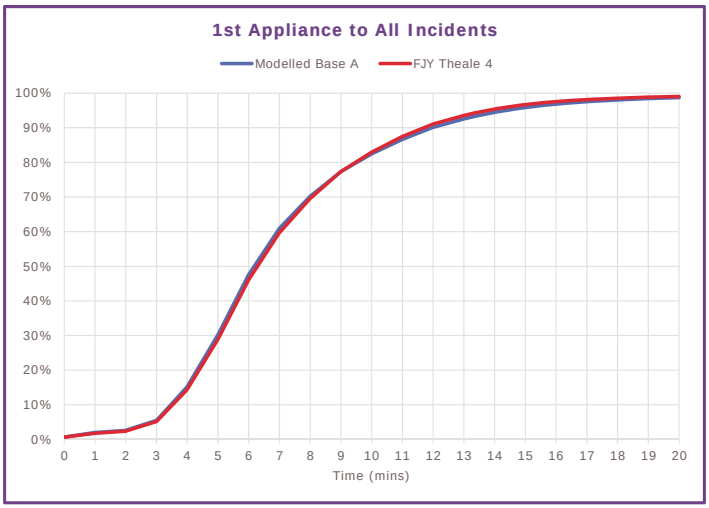
Impact

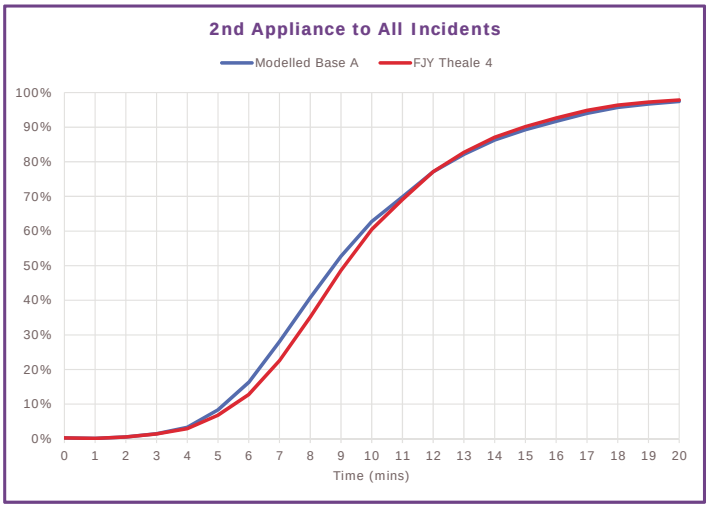
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.1%
Reading	00:41	-3.1%	01:29	-5.4%	-3.1%	-5.7%	0.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:56	6.6%	-00:41	6.3%	9.3%	5.4%	11.3%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	00:00	0.3%	-00:03	1.0%	0.6%	0.9%	0.3%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	-00:01	0.5%	00:11	0.0%	1.1%	-0.1%	3.1%

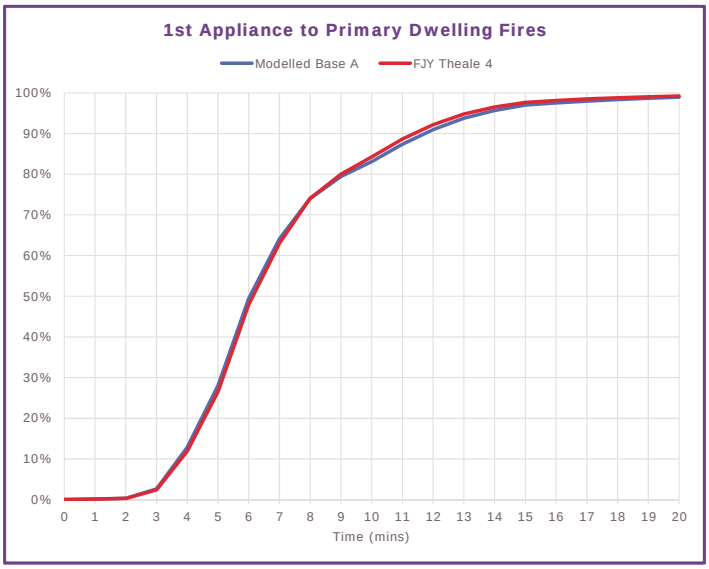
Berkshire Fire

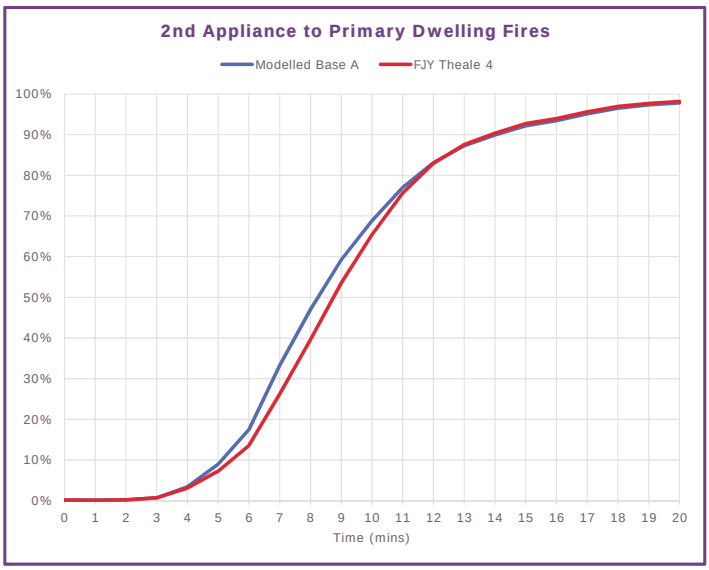
Modelled Base A: FJY Theale 4

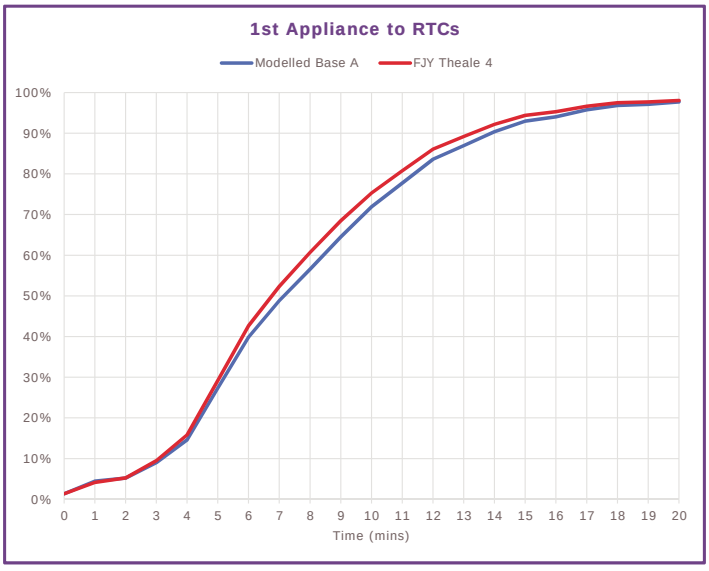
Response Distributions

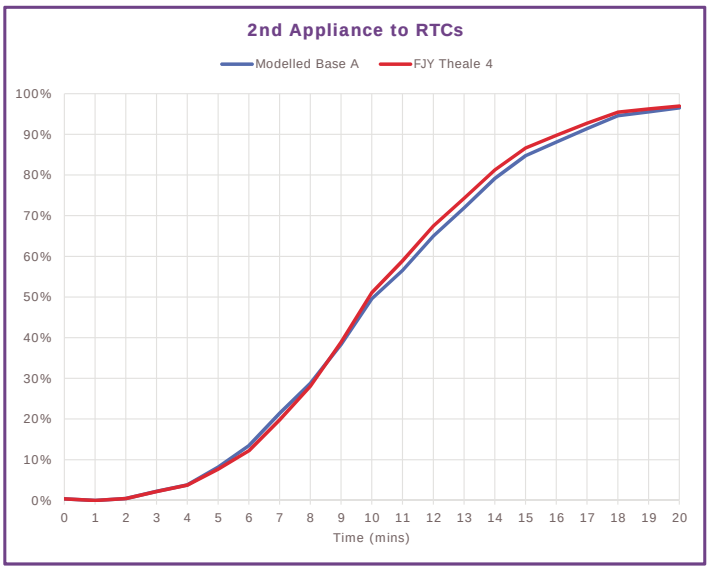












Berkshire Fire

Modelled Base A: FJY Theale 5

24/7 Performance Results

Modelled Base A

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.3%
Reading	05:46	93.5%	08:03	91.4%	96.1%	92.8%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:38	60.9%	12:47	47.3%	54.4%	55.1%	52.8%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:04	75.3%	10:59	69.4%	81.9%	77.8%	80.7%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:09	82.5%	09:41	77.1%	83.2%	83.1%	77.7%

FJY Theale 5

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.5%	86.2%	94.3%
Reading	06:34	87.8%	09:48	82.7%	90.3%	83.5%	96.0%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	08:55	67.5%	12:07	53.4%	63.1%	60.9%	63.0%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:05	75.3%	10:59	69.8%	82.1%	78.3%	80.8%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:12	82.4%	09:56	76.3%	83.7%	82.1%	80.3%

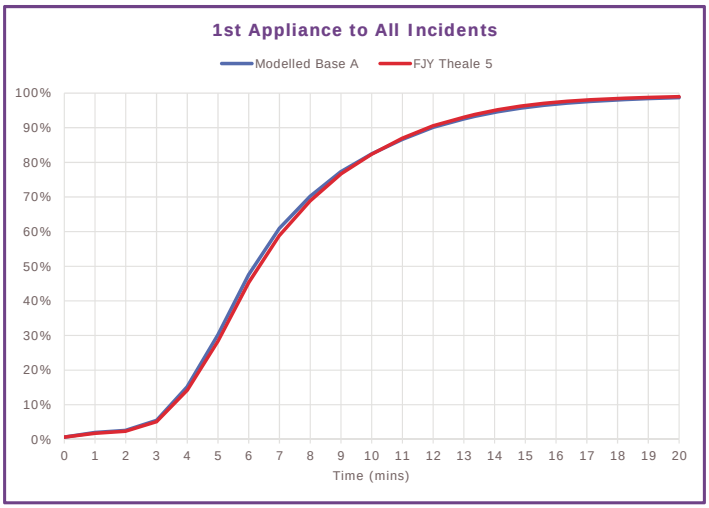
Impact

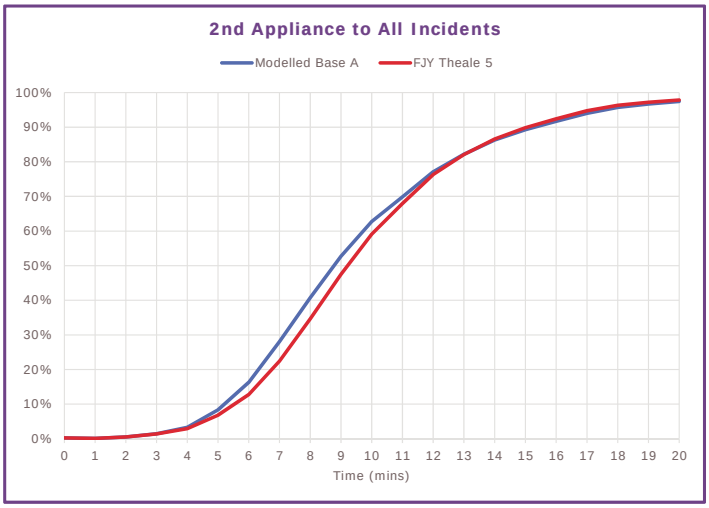
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.0%	-0.1%	-0.1%	0.0%
Reading	00:48	-5.7%	01:45	-8.7%	-5.8%	-9.3%	-0.9%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:43	6.6%	-00:40	6.1%	8.7%	5.8%	10.2%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	00:01	0.0%	00:00	0.4%	0.2%	0.5%	0.1%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:03	-0.1%	00:15	-0.8%	0.5%	-1.0%	2.6%

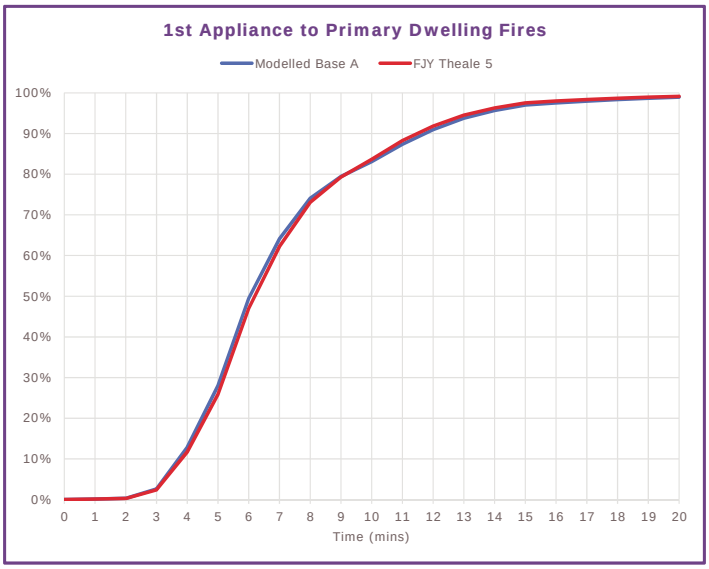
Berkshire Fire

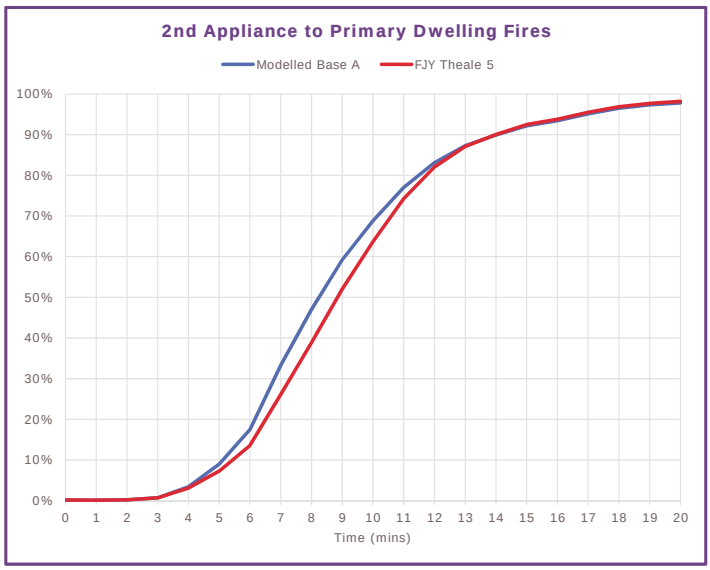
Modelled Base A: FJY Theale 5

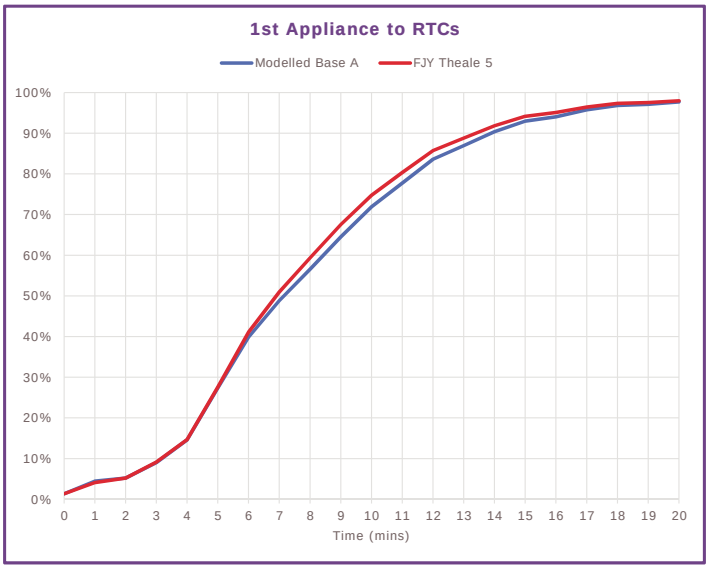
Response Distributions

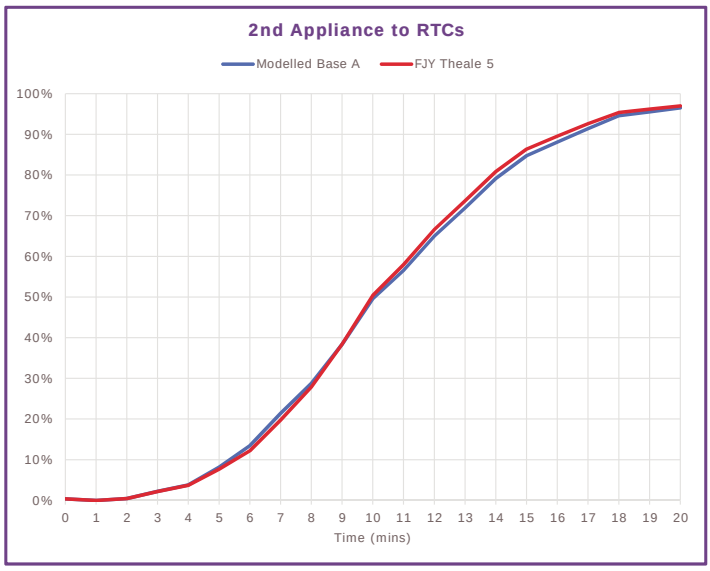












Berkshire Fire

Theale Modelling: Modelled Base A

24/7 Performance Results

Reading Impact

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Modelled Base A	05:46	93.5%	08:03	91.4%	96.1%	92.8%	96.9%
FJY Theale 1&2	00:39	-2.7%	01:26	-5.1%	-2.8%	-5.2%	0.0%
FJY Theale 3	00:43	-3.8%	01:33	-6.1%	-3.8%	-6.4%	-0.3%
FJY Theale 4	00:41	-3.1%	01:29	-5.5%	-3.1%	-5.7%	0.0%
FJY Theale 5	00:48	-5.6%	01:45	-8.7%	-5.8%	-9.4%	-0.9%

West Berkshire Impact

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Modelled Base A	09:38	60.9%	12:47	47.3%	54.4%	55.1%	52.8%
FJY Theale 1&2	-00:56	6.3%	-00:41	6.2%	8.9%	5.1%	11.2%
FJY Theale 3	-00:48	5.1%	-00:39	5.8%	7.4%	4.6%	9.9%
FJY Theale 4	-00:56	6.6%	-00:42	6.4%	9.3%	5.3%	11.4%
FJY Theale 5	-00:43	6.6%	-00:40	6.1%	8.7%	5.7%	10.2%

Service-wide Impact

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Modelled Base A	07:09	82.5%	09:41	77.1%	83.2%	83.1%	77.7%
FJY Theale 1&2	-00:01	0.5%	00:10	0.1%	1.1%	-0.1%	3.0%
FJY Theale 3	00:01	0.0%	00:12	-0.3%	0.6%	-0.5%	2.6%
FJY Theale 4	-00:01	0.5%	00:10	0.0%	1.1%	-0.2%	3.0%
FJY Theale 5	00:03	-0.1%	00:14	-0.8%	0.4%	-1.1%	2.6%

F Modelling Results – Base B

Berkshire Fire

Modelled Base B

24/7 Performance Results

Modelled Base A

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.3%
Reading	05:46	93.5%	08:03	91.4%	96.1%	92.8%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:38	60.9%	12:47	47.3%	54.4%	55.1%	52.8%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:04	75.3%	10:59	69.4%	81.9%	77.8%	80.7%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:09	82.5%	09:41	77.1%	83.2%	83.1%	77.7%

Modelled Base B

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.3%
Reading	05:47	93.4%	08:04	91.2%	96.0%	92.7%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:45	59.9%	12:53	46.7%	53.3%	54.5%	52.3%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:05	75.3%	10:59	69.4%	81.9%	77.8%	80.7%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:11	82.3%	09:42	77.0%	83.0%	83.0%	77.6%

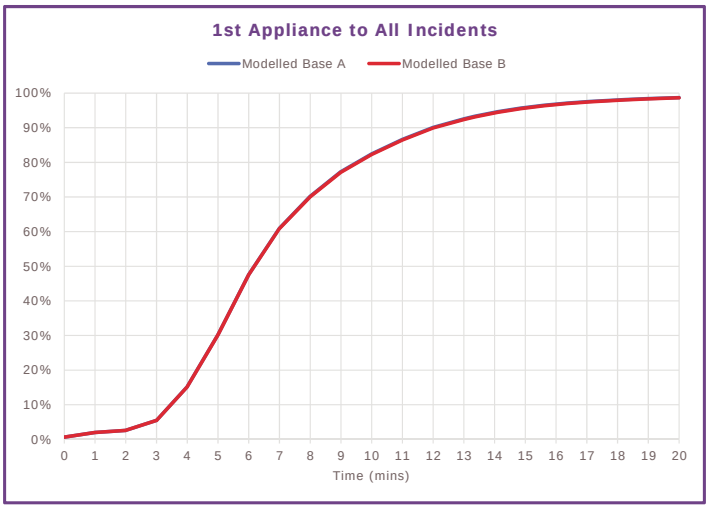
Impact

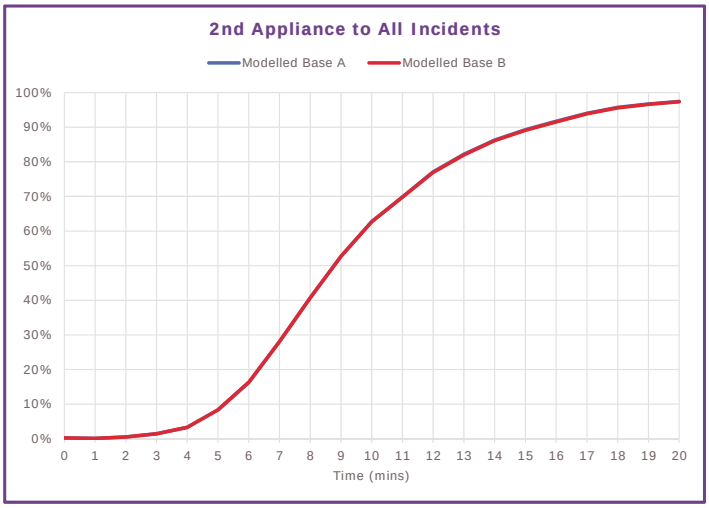
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Reading	00:01	-0.1%	00:01	-0.2%	-0.1%	-0.1%	0.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	00:07	-1.0%	00:06	-0.6%	-1.1%	-0.6%	-0.5%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	00:01	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:02	-0.2%	00:01	-0.1%	-0.2%	-0.1%	-0.1%

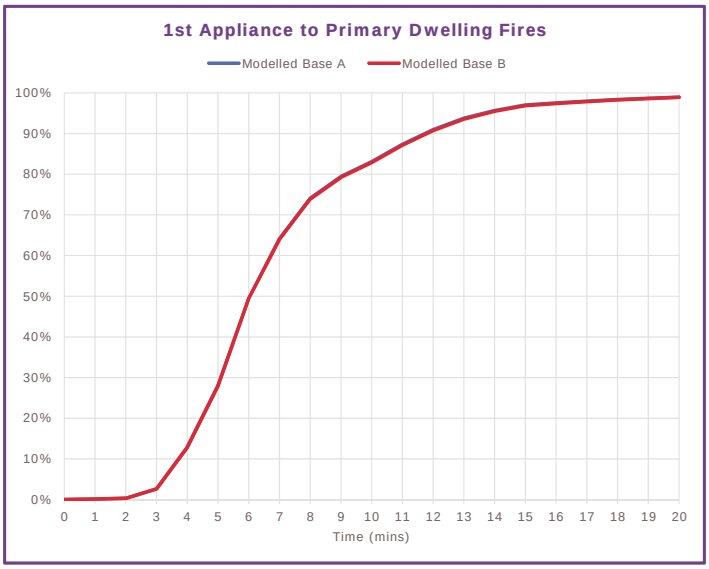
Berkshire Fire

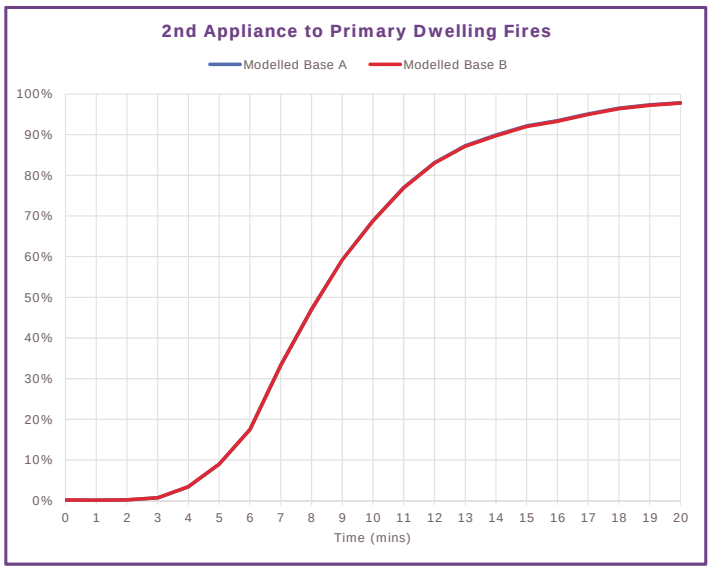
Modelled Base B

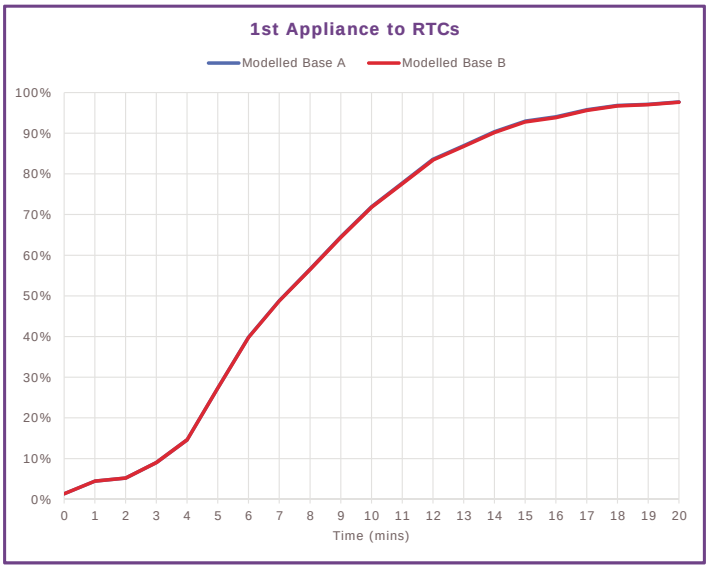
Response Distributions

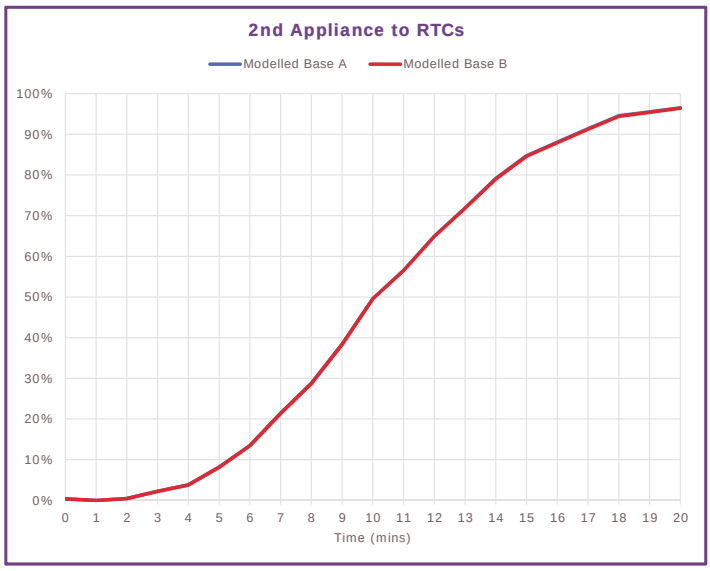












Berkshire Fire

Modelled Base B: FJY Theale 1&2

24/7 Performance Results

Modelled Base B

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.3%
Reading	05:47	93.4%	08:04	91.2%	96.0%	92.7%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:45	59.9%	12:53	46.7%	53.3%	54.5%	52.3%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:05	75.3%	10:59	69.4%	81.9%	77.8%	80.7%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:11	82.3%	09:42	77.0%	83.0%	83.0%	77.6%

FJY Theale 1&2

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.4%
Reading	06:26	90.7%	09:31	86.2%	93.3%	87.5%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	08:46	66.4%	12:15	52.1%	62.5%	59.0%	63.7%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:04	75.6%	10:56	70.5%	82.6%	78.8%	81.1%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:09	82.8%	09:53	76.9%	84.1%	82.8%	80.7%

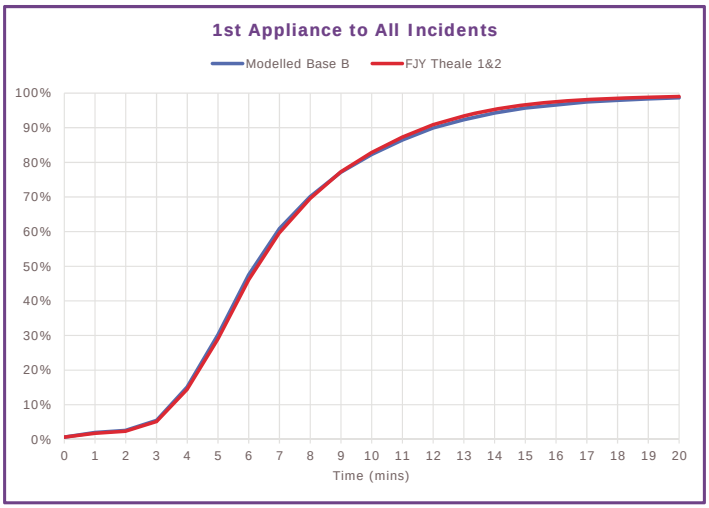
Impact

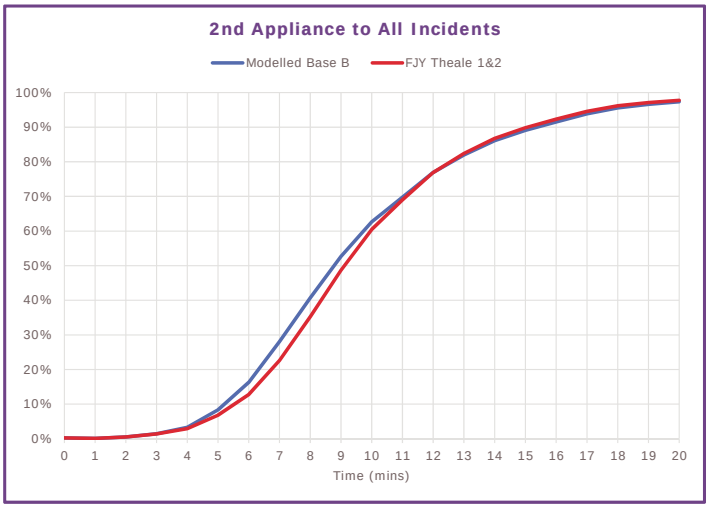
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.1%
Reading	00:39	-2.7%	01:27	-5.0%	-2.7%	-5.2%	0.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:59	6.5%	-00:38	5.4%	9.2%	4.5%	11.4%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	-00:01	0.3%	-00:03	1.1%	0.7%	1.0%	0.4%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	-00:02	0.5%	00:11	-0.1%	1.1%	-0.2%	3.1%

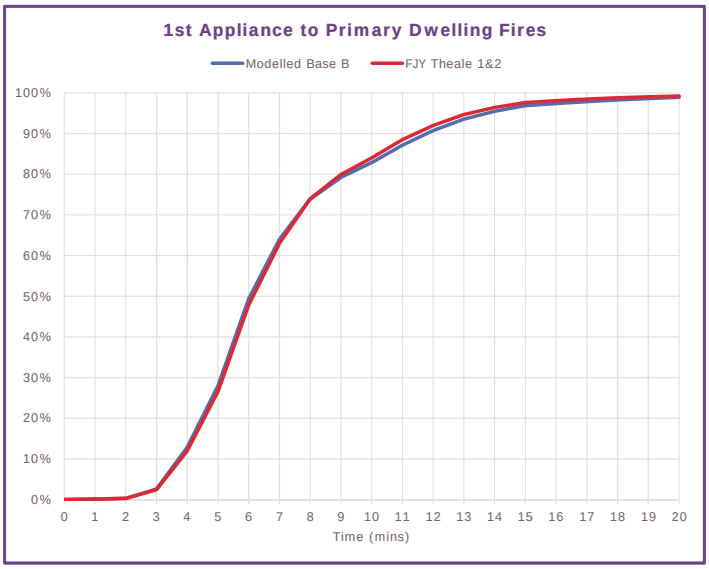
Berkshire Fire

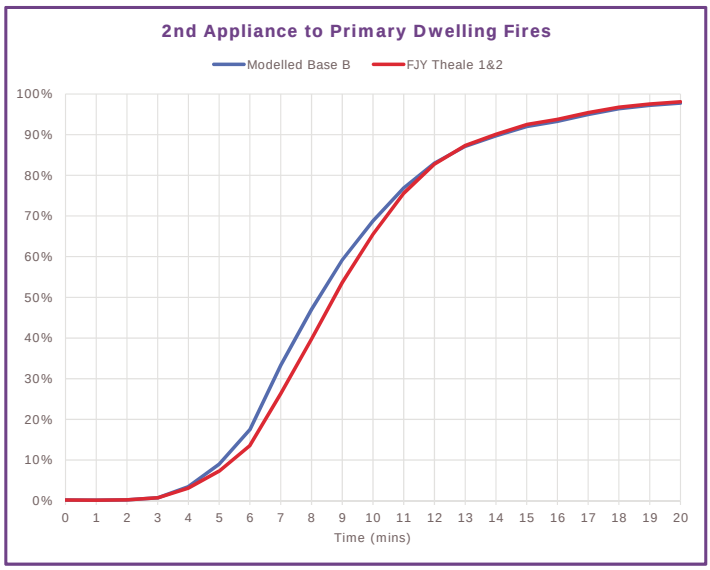
Modelled Base B: FJY Theale 1&2

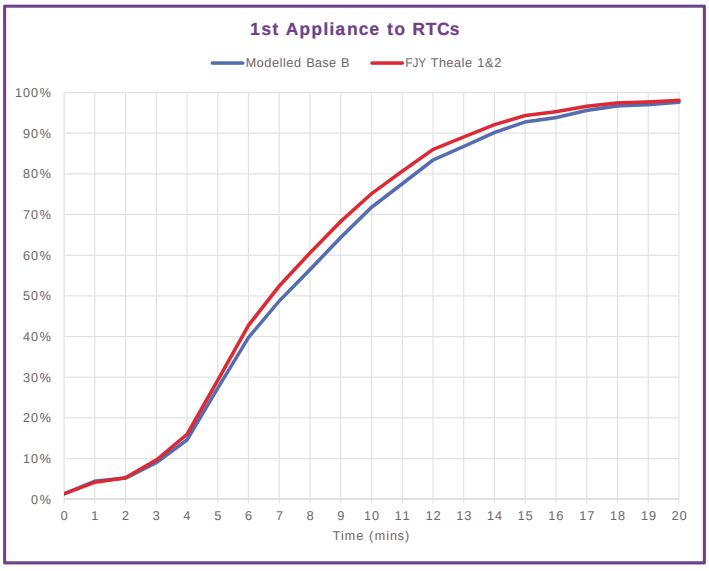
Response Distributions

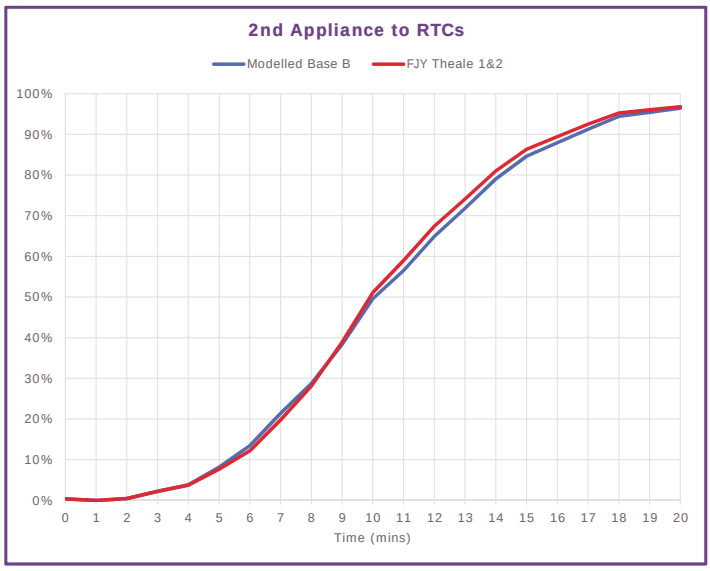












Berkshire Fire

Modelled Base B: FJY Theale 3

24/7 Performance Results

Modelled Base B

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.3%
Reading	05:47	93.4%	08:04	91.2%	96.0%	92.7%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:45	59.9%	12:53	46.7%	53.3%	54.5%	52.3%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:05	75.3%	10:59	69.4%	81.9%	77.8%	80.7%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:11	82.3%	09:42	77.0%	83.0%	83.0%	77.6%

FJY Theale 3

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.2%	94.4%
Reading	06:30	89.6%	09:37	85.1%	92.2%	86.2%	96.5%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	08:55	64.9%	12:17	51.9%	60.7%	58.6%	62.3%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:04	75.6%	10:57	70.2%	82.4%	78.5%	80.8%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:11	82.3%	09:55	76.6%	83.6%	82.4%	80.2%

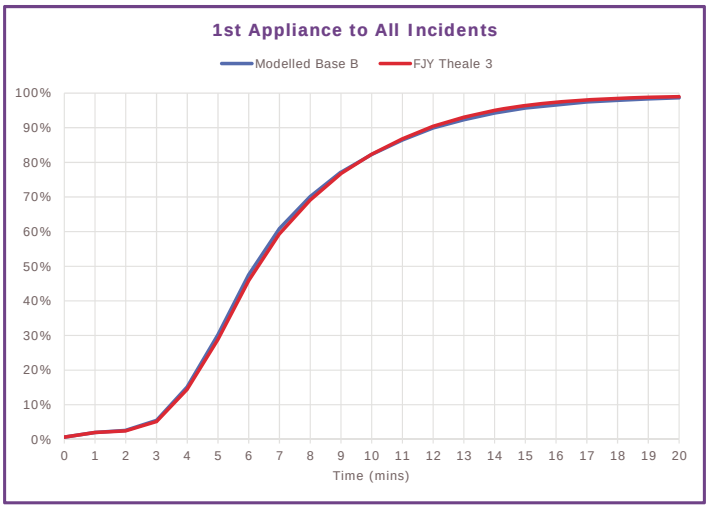
Impact

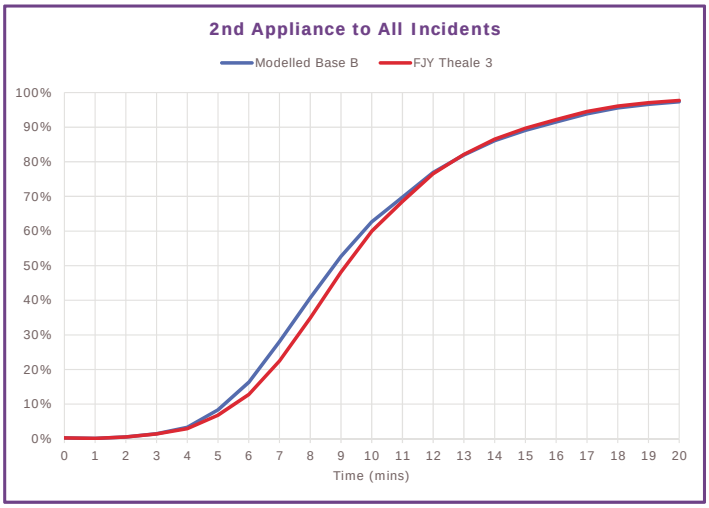
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.0%	0.0%	-0.1%	0.1%
Reading	00:43	-3.8%	01:33	-6.1%	-3.8%	-6.5%	-0.4%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:50	5.0%	-00:36	5.2%	7.4%	4.1%	10.0%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	-00:01	0.3%	-00:02	0.8%	0.5%	0.7%	0.1%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:00	0.0%	00:13	-0.4%	0.6%	-0.6%	2.6%

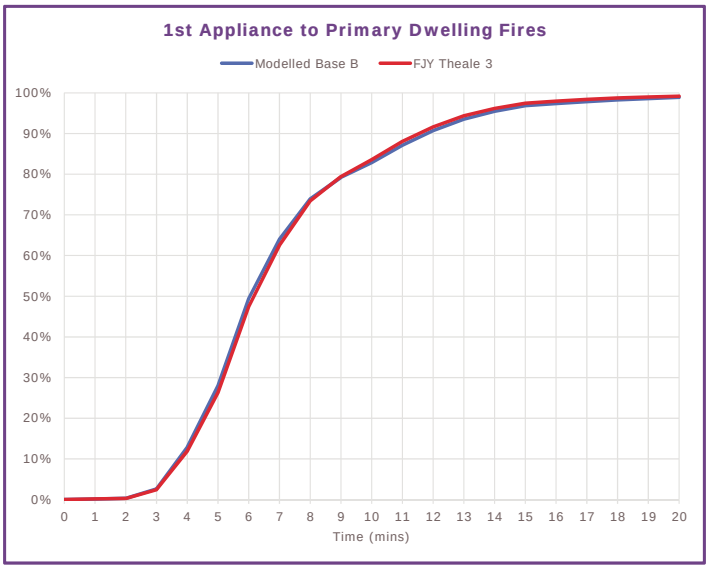
Berkshire Fire

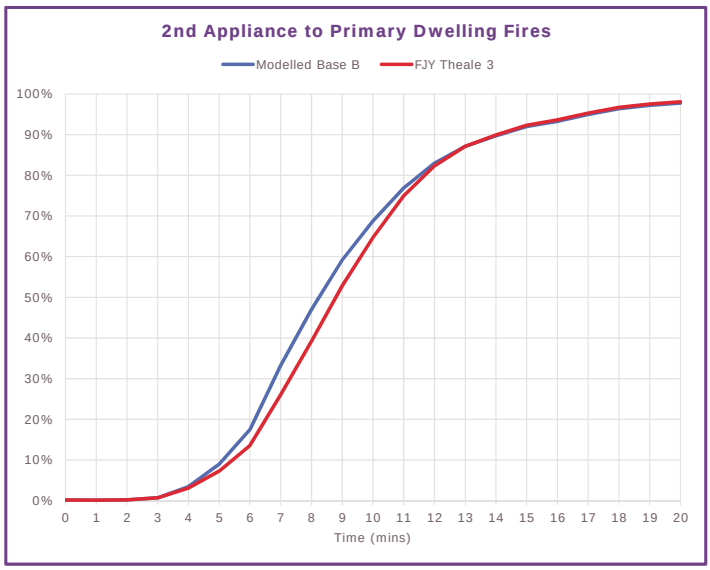
Modelled Base B: FJY Theale 3

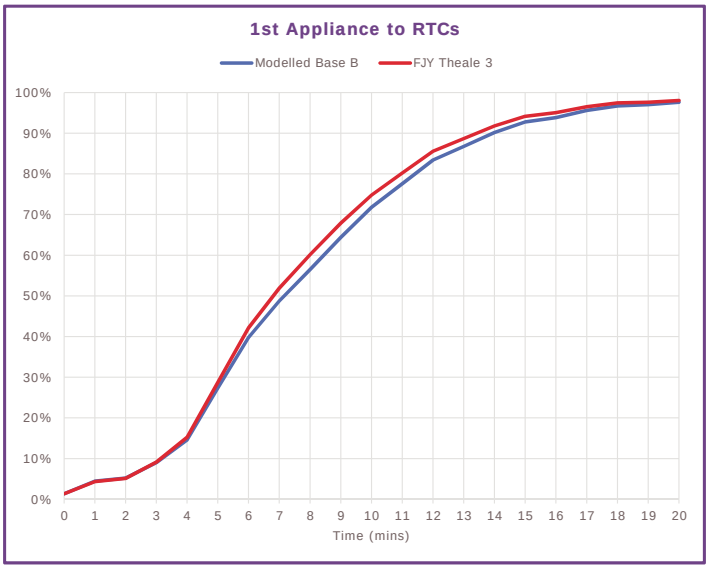
Response Distributions

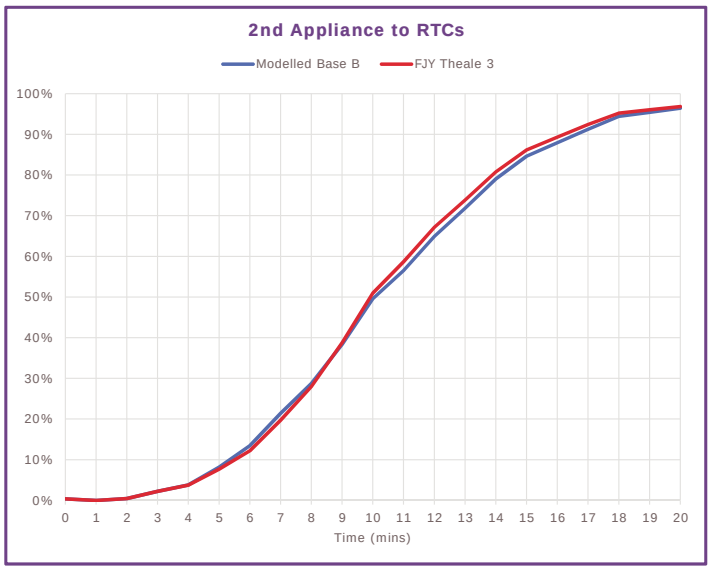












Berkshire Fire

Modelled Base B: FJY Theale 4

24/7 Performance Results

Modelled Base B

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.3%
Reading	05:47	93.4%	08:04	91.2%	96.0%	92.7%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:45	59.9%	12:53	46.7%	53.3%	54.5%	52.3%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:05	75.3%	10:59	69.4%	81.9%	77.8%	80.7%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:11	82.3%	09:42	77.0%	83.0%	83.0%	77.6%

FJY Theale 4

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.4%
Reading	06:27	90.3%	09:33	85.8%	92.9%	87.0%	96.8%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	08:46	66.7%	12:14	52.3%	62.9%	59.3%	63.8%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:04	75.6%	10:56	70.4%	82.5%	78.7%	81.0%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:09	82.8%	09:53	76.8%	84.1%	82.7%	80.7%

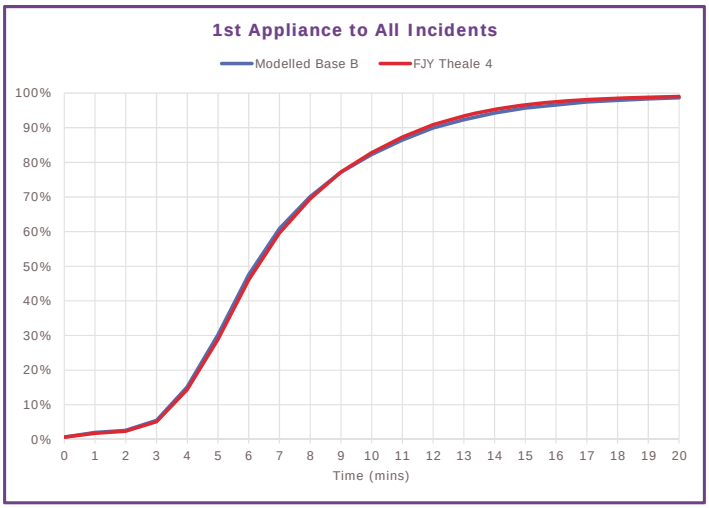
Impact

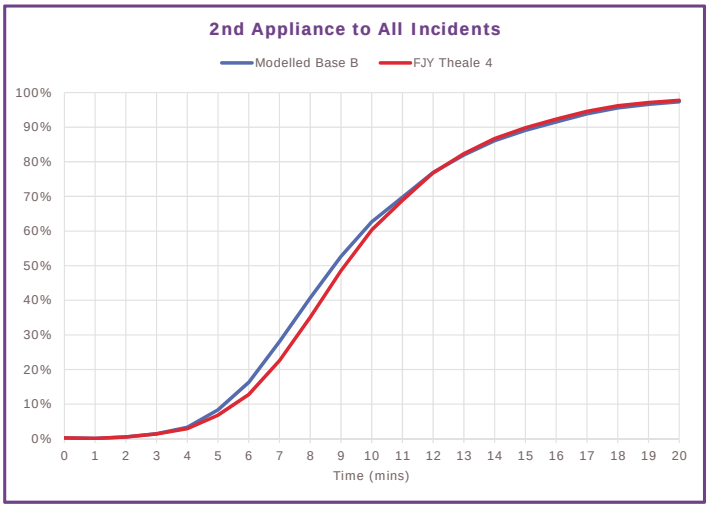
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.1%
Reading	00:40	-3.1%	01:29	-5.4%	-3.1%	-5.7%	-0.1%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:59	6.8%	-00:39	5.6%	9.6%	4.8%	11.5%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	-00:01	0.3%	-00:03	1.0%	0.6%	0.9%	0.3%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	-00:02	0.5%	00:11	-0.2%	1.1%	-0.3%	3.1%

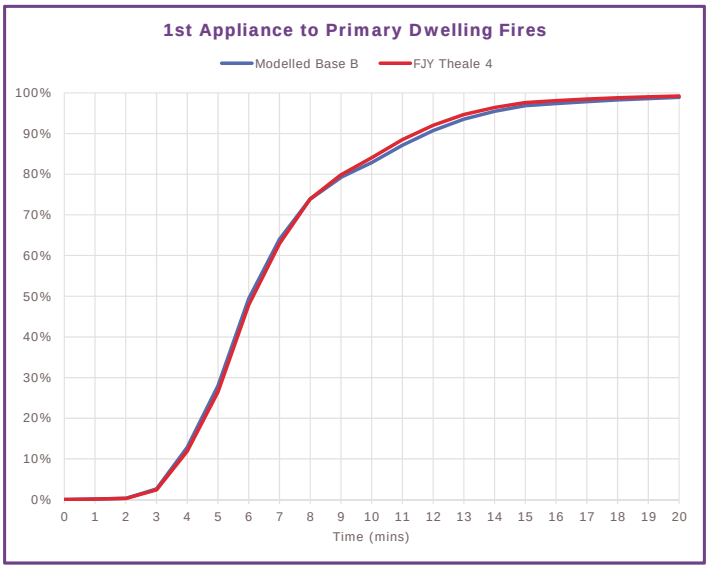
Berkshire Fire

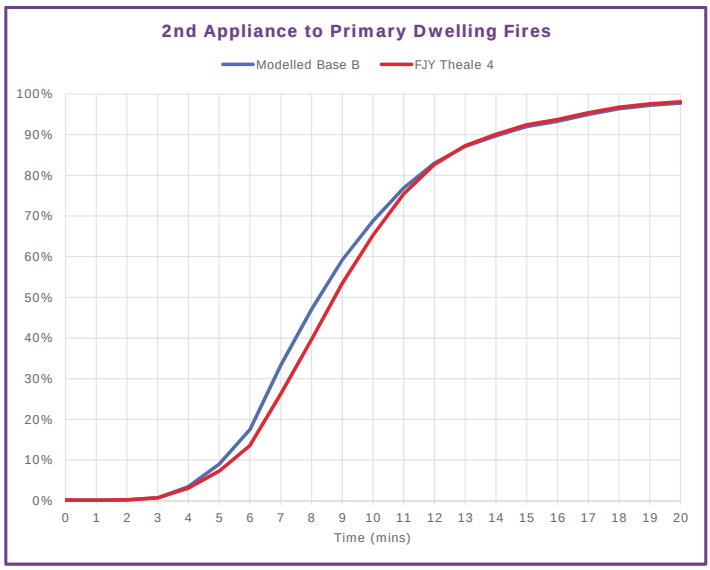
Modelled Base B: FJY Theale 4

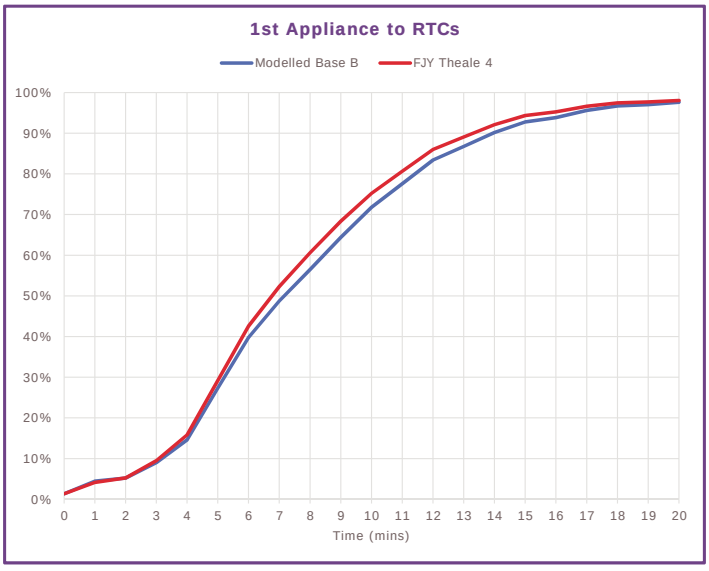
Response Distributions

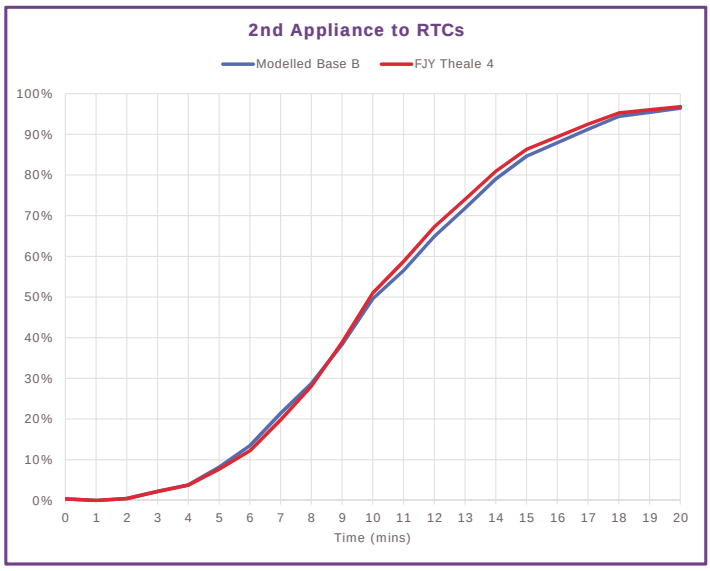












Berkshire Fire

Modelled Base B: FJY Theale 5

24/7 Performance Results

Modelled Base B

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.3%
Reading	05:47	93.4%	08:04	91.2%	96.0%	92.7%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:45	59.9%	12:53	46.7%	53.3%	54.5%	52.3%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:05	75.3%	10:59	69.4%	81.9%	77.8%	80.7%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:11	82.3%	09:42	77.0%	83.0%	83.0%	77.6%

FJY Theale 5

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.5%	86.2%	94.3%
Reading	06:35	87.7%	09:50	82.3%	90.2%	83.0%	95.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:01	66.4%	12:14	52.4%	61.9%	59.9%	62.4%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:05	75.3%	10:59	69.8%	82.1%	78.3%	80.8%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:14	82.2%	09:57	76.0%	83.4%	81.8%	80.2%

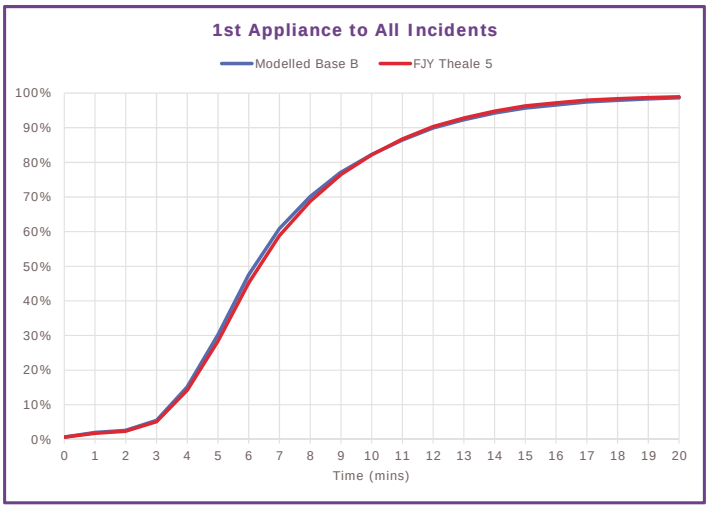
Impact

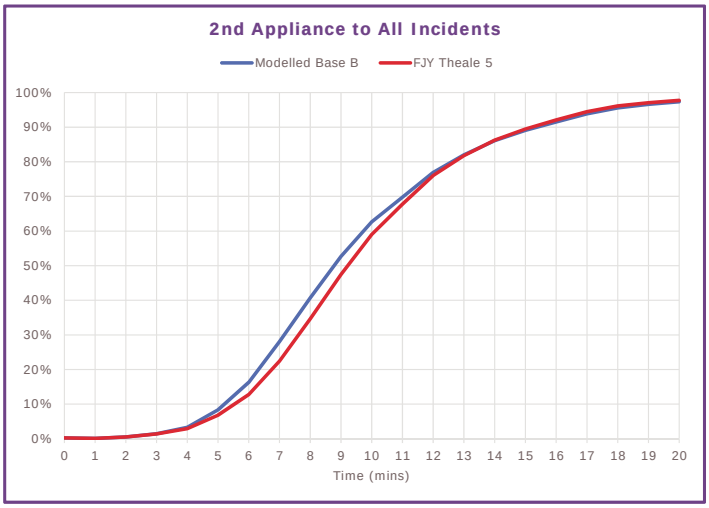
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.0%	-0.1%	-0.1%	0.0%
Reading	00:48	-5.7%	01:46	-8.9%	-5.8%	-9.7%	-1.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:44	6.5%	-00:39	5.7%	8.6%	5.4%	10.1%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	00:00	0.0%	00:00	0.4%	0.2%	0.5%	0.1%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:03	-0.1%	00:15	-1.0%	0.4%	-1.2%	2.6%

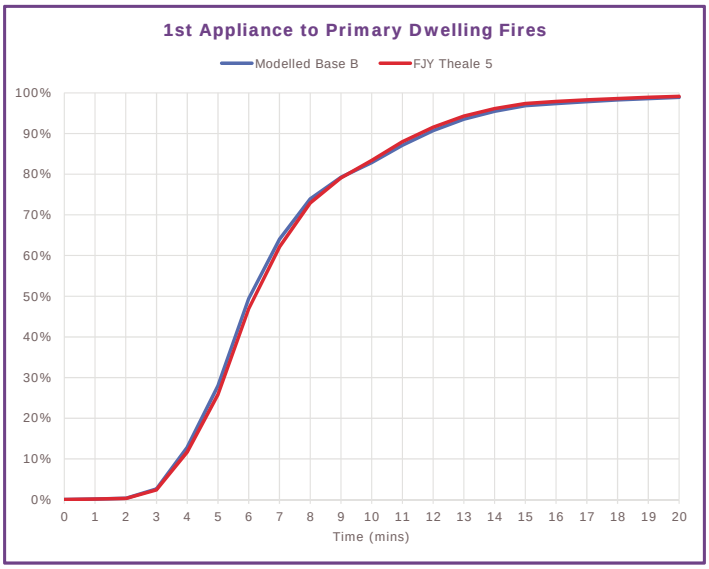
Berkshire Fire

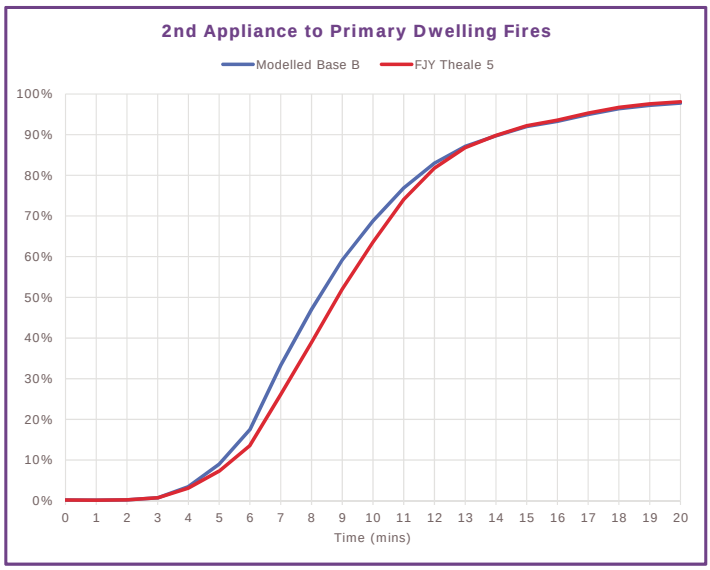
Modelled Base B: FJY Theale 5

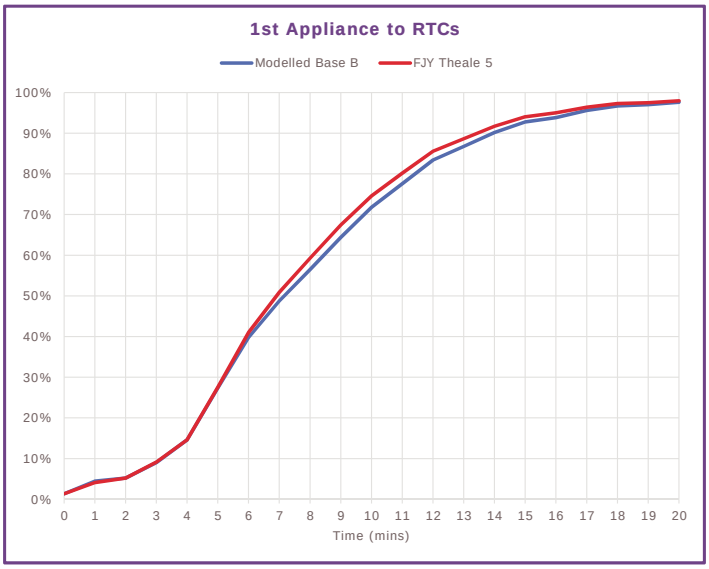
Response Distributions

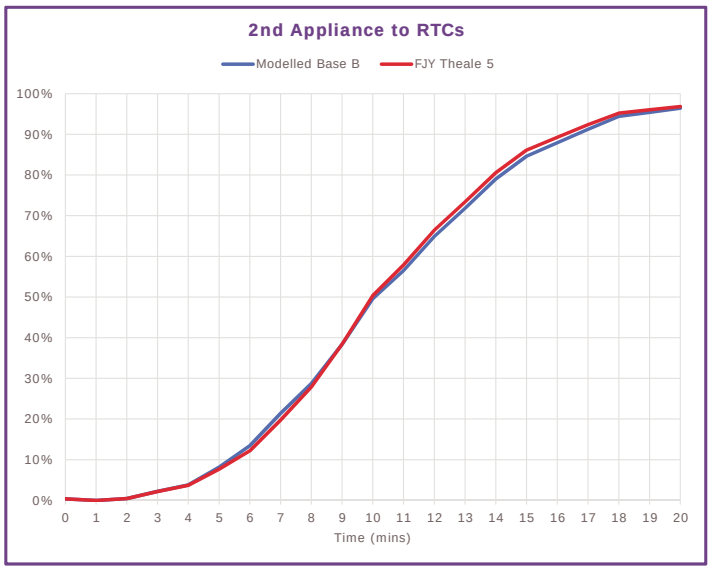












Berkshire Fire

Theale Modelling: Modelled Base B

24/7 Performance Results

Reading Impact

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Modelled Base B	05:47	93.4%	08:04	91.2%	96.0%	92.7%	96.9%
FJY Theale 1&2	00:39	-2.7%	01:27	-5.1%	-2.8%	-5.2%	0.0%
FJY Theale 3	00:43	-3.8%	01:33	-6.1%	-3.9%	-6.4%	-0.4%
FJY Theale 4	00:41	-3.1%	01:29	-5.5%	-3.1%	-5.7%	-0.1%
FJY Theale 5	00:48	-5.7%	01:45	-8.9%	-5.8%	-9.7%	-1.0%

West Berkshire Impact

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Modelled Base B	09:45	59.9%	12:53	46.7%	53.3%	54.5%	52.3%
FJY Theale 1&2	-00:59	6.5%	-00:38	5.4%	9.1%	4.5%	11.5%
FJY Theale 3	-00:50	5.0%	-00:36	5.2%	7.3%	4.1%	10.0%
FJY Theale 4	-00:59	6.7%	-00:39	5.6%	9.6%	4.8%	11.6%
FJY Theale 5	-00:44	6.5%	-00:38	5.6%	8.6%	5.4%	10.2%

Service-wide Impact

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Modelled Base B	07:11	82.3%	09:42	77.0%	83.0%	83.0%	77.6%
FJY Theale 1&2	-00:02	0.5%	00:11	0.0%	1.1%	-0.2%	3.1%
FJY Theale 3	00:01	0.0%	00:12	-0.4%	0.6%	-0.6%	2.6%
FJY Theale 4	-00:01	0.5%	00:11	-0.1%	1.1%	-0.3%	3.1%
FJY Theale 5	00:03	-0.2%	00:15	-0.9%	0.4%	-1.2%	2.6%

G Modelling Results – Base C

Berkshire Fire

Modelled Base C

24/7 Performance Results

Modelled Base A

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:16	90.3%	09:43	85.0%	91.6%	86.3%	94.3%
Reading	05:46	93.5%	08:03	91.4%	96.1%	92.8%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:38	60.9%	12:47	47.3%	54.4%	55.1%	52.8%
Windsor and Maidenhead	06:52	83.3%	09:25	79.1%	83.3%	83.6%	86.2%
Wokingham	08:04	75.3%	10:59	69.4%	81.9%	77.8%	80.7%
South Buckinghamshire	10:11	61.7%	11:31	53.7%	63.5%	64.9%	70.2%
Service-Wide	07:09	82.5%	09:41	77.1%	83.2%	83.1%	77.7%

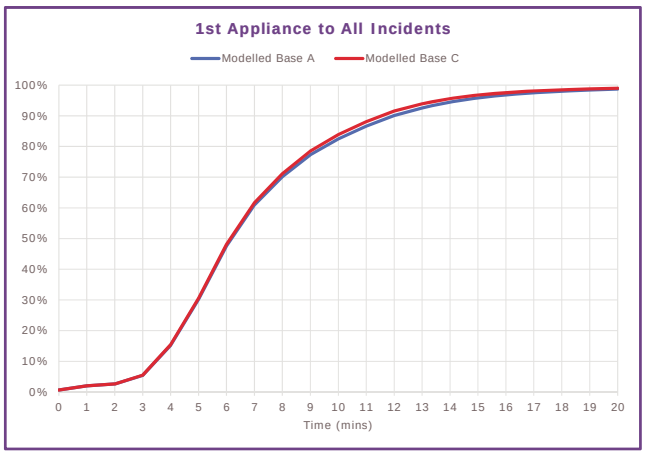
Modelled Base C

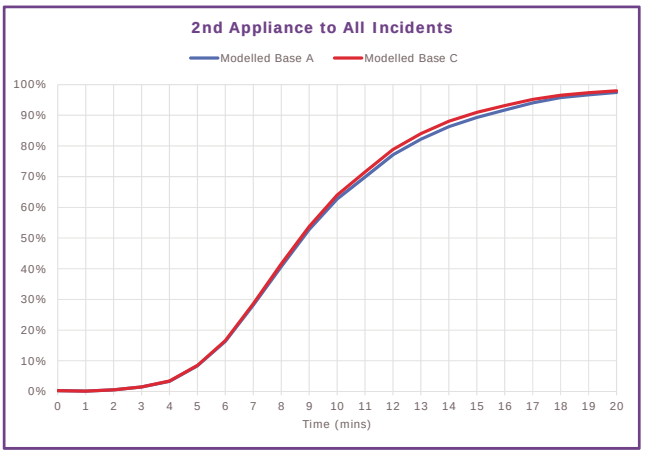
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:04	91.8%	09:28	86.8%	92.8%	88.0%	95.2%
Reading	05:46	93.5%	08:03	91.3%	96.1%	92.8%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:13	63.9%	12:29	49.1%	58.1%	56.9%	57.1%
Windsor and Maidenhead	06:49	83.7%	09:01	82.1%	83.7%	86.6%	86.5%
Wokingham	07:44	81.0%	10:42	73.8%	86.2%	81.4%	84.1%
South Buckinghamshire	10:10	61.9%	11:19	55.8%	63.7%	67.4%	70.4%
Service-Wide	07:00	83.9%	09:30	78.9%	84.7%	84.6%	79.6%

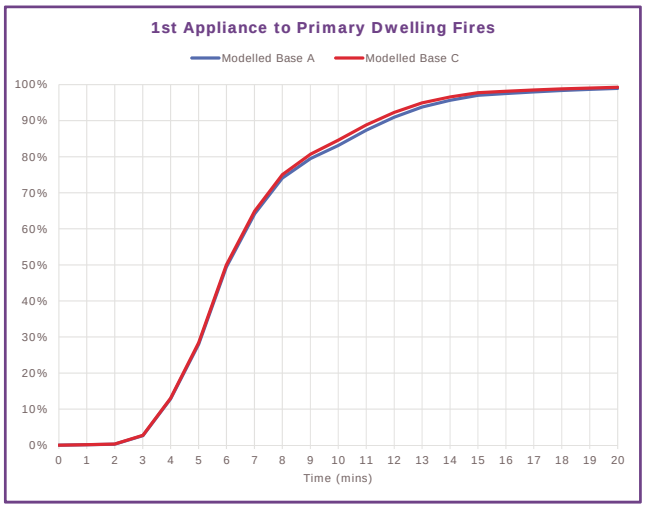
Impact

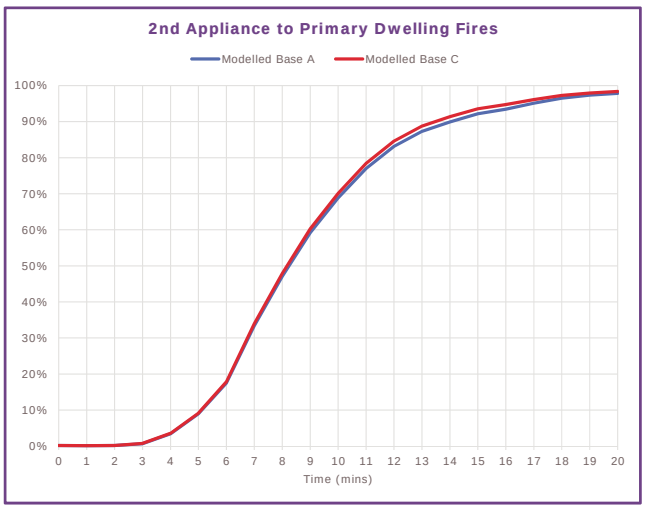
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	-00:12	1.5%	-00:15	1.8%	1.2%	1.7%	0.9%
Reading	00:00	0.0%	00:00	-0.1%	0.0%	0.0%	0.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:25	3.0%	-00:18	1.8%	3.7%	1.8%	4.3%
Windsor and Maidenhead	-00:03	0.4%	-00:24	3.0%	0.4%	3.0%	0.3%
Wokingham	-00:20	5.7%	-00:17	4.4%	4.3%	3.6%	3.4%
South Buckinghamshire	-00:01	0.2%	-00:12	2.1%	0.2%	2.5%	0.2%
Service-Wide	-00:09	1.4%	-00:11	1.8%	1.5%	1.5%	1.9%

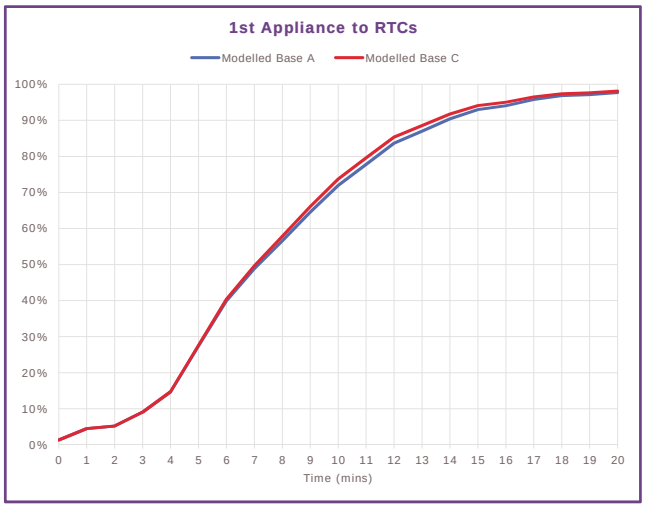
Berkshire Fire
Modelled Base C
Response Distributions

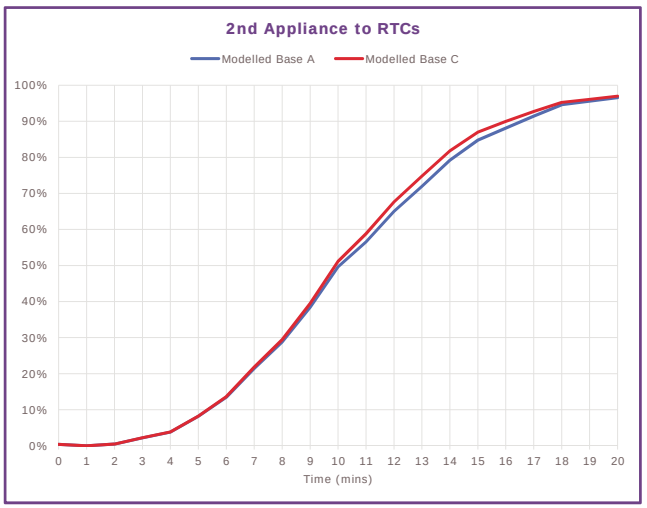












Berkshire Fire

Modelled Base C: FJY Theale 1&2

24/7 Performance Results

Modelled Base C

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:04	91.8%	09:28	86.8%	92.8%	88.0%	95.2%
Reading	05:46	93.5%	08:03	91.3%	96.1%	92.8%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:13	64.0%	12:29	48.9%	57.8%	57.0%	56.4%
Windsor and Maidenhead	06:49	83.7%	09:01	82.1%	83.7%	86.6%	86.5%
Wokingham	07:44	80.4%	10:42	73.5%	86.8%	83.1%	83.8%
South Buckinghamshire	10:10	62.1%	11:19	55.7%	63.9%	68.6%	70.7%
Service-Wide	07:00	83.9%	09:30	78.9%	84.8%	84.8%	79.5%

FJY Theale 1&2

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:04	91.8%	09:28	86.8%	92.9%	88.0%	95.3%
Reading	06:25	90.8%	09:30	86.2%	93.3%	87.6%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	08:21	69.7%	11:54	54.3%	66.1%	61.5%	66.4%
Windsor and Maidenhead	06:49	83.7%	09:01	82.1%	83.7%	86.6%	86.5%
Wokingham	07:43	80.7%	10:40	74.5%	87.4%	83.9%	84.2%
South Buckinghamshire	10:10	62.1%	11:19	55.7%	63.9%	68.6%	70.7%
Service-Wide	07:00	84.3%	09:41	78.8%	85.8%	84.6%	82.2%

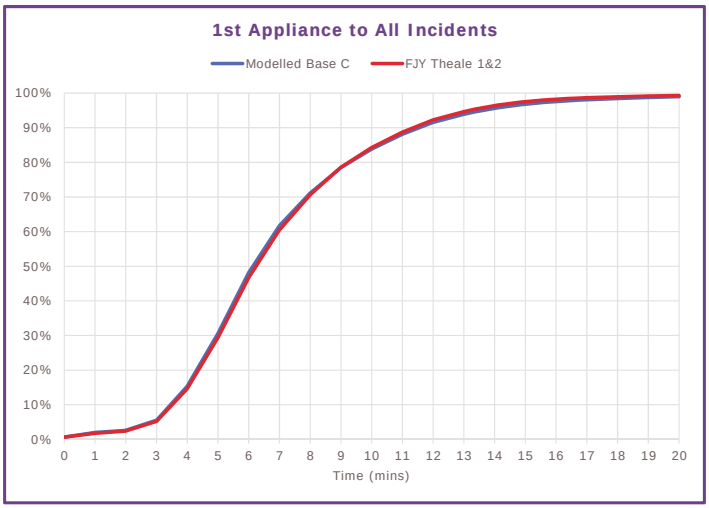
Impact

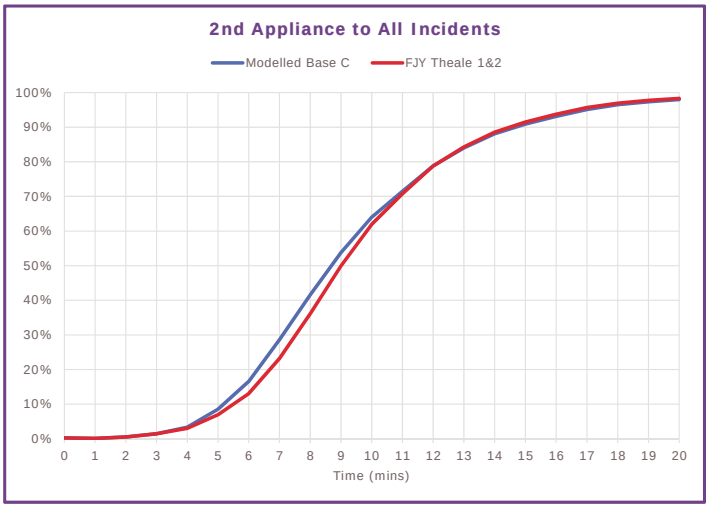
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.0%	0.1%	0.0%	0.1%
Reading	00:39	-2.7%	01:27	-5.1%	-2.8%	-5.2%	0.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:52	5.7%	-00:35	5.4%	8.3%	4.5%	10.0%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	-00:01	0.3%	-00:02	1.0%	0.6%	0.8%	0.4%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:00	0.4%	00:11	-0.1%	1.0%	-0.2%	2.7%

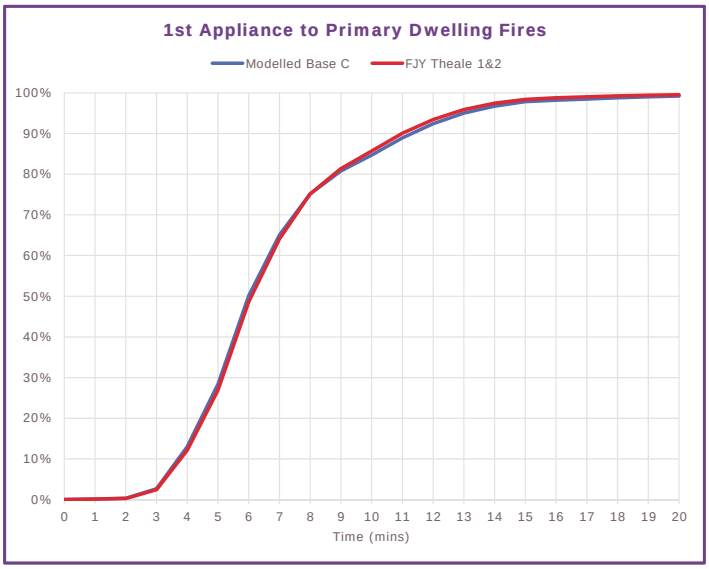
Berkshire Fire

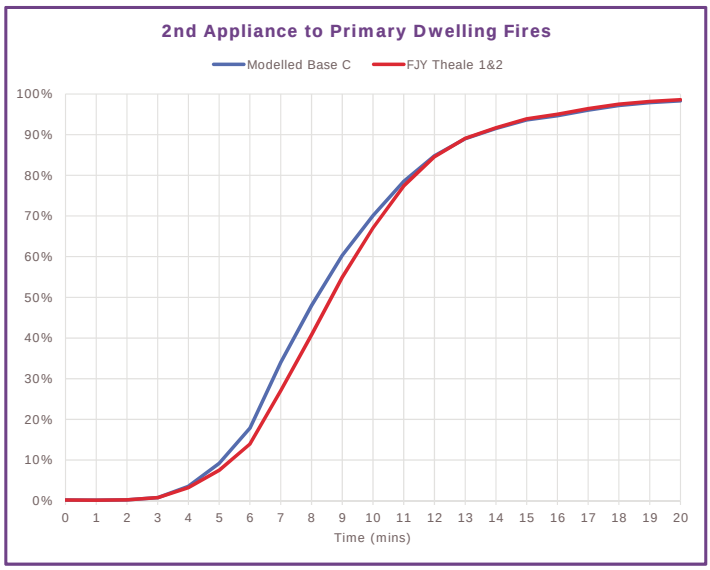
Modelled Base C: FJY Theale 1&2

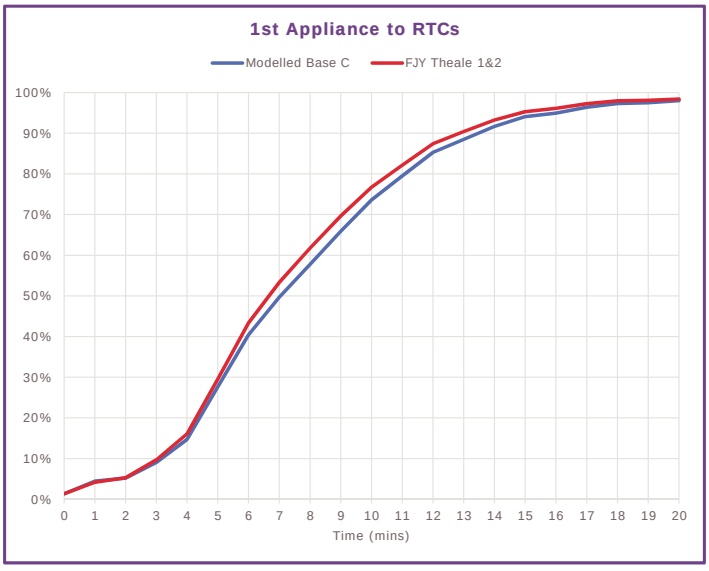
Response Distributions

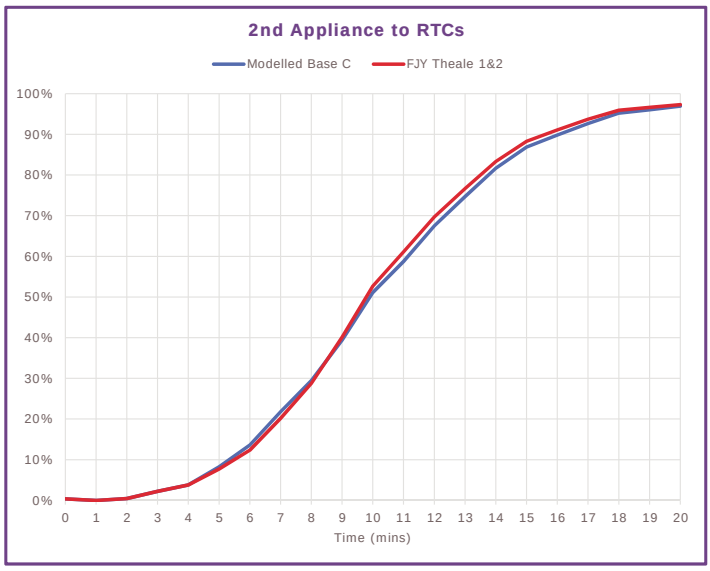












Berkshire Fire

Modelled Base C: FJY Theale 3

24/7 Performance Results

Modelled Base C

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:04	91.8%	09:28	86.8%	92.8%	88.0%	95.2%
Reading	05:46	93.5%	08:03	91.3%	96.1%	92.8%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:13	64.0%	12:29	48.9%	57.8%	57.0%	56.4%
Windsor and Maidenhead	06:49	83.7%	09:01	82.1%	83.7%	86.6%	86.5%
Wokingham	07:44	80.4%	10:42	73.5%	86.8%	83.1%	83.8%
South Buckinghamshire	10:10	62.1%	11:19	55.7%	63.9%	68.6%	70.7%
Service-Wide	07:00	83.9%	09:30	78.9%	84.8%	84.8%	79.5%

FJY Theale 3

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:04	91.8%	09:29	86.7%	92.9%	88.0%	95.3%
Reading	06:29	89.7%	09:36	85.2%	92.2%	86.4%	96.6%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	08:29	68.3%	11:57	53.9%	64.4%	61.0%	65.2%
Windsor and Maidenhead	06:49	83.7%	09:01	82.1%	83.7%	86.6%	86.5%
Wokingham	07:43	80.7%	10:41	74.1%	87.3%	83.7%	84.0%
South Buckinghamshire	10:10	62.1%	11:19	55.7%	63.9%	68.6%	70.7%
Service-Wide	07:02	83.8%	09:43	78.4%	85.3%	84.1%	81.8%

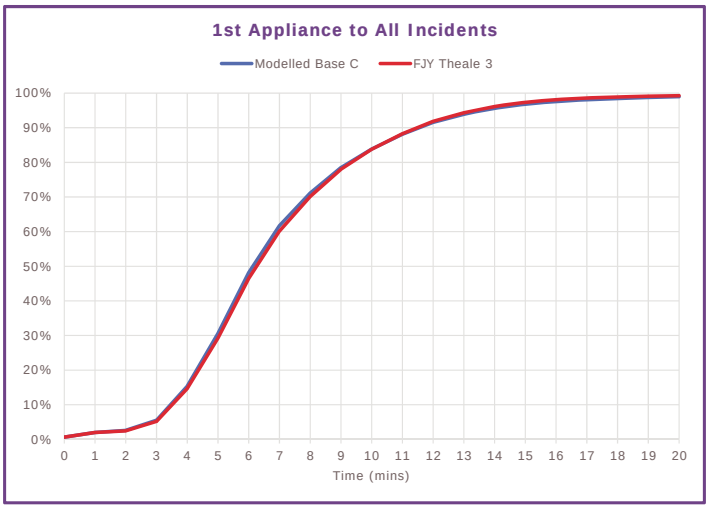
Impact

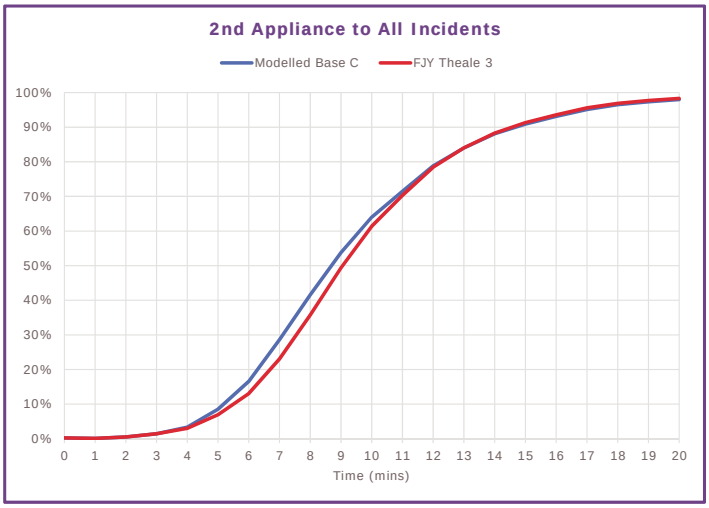
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:01	-0.1%	0.1%	0.0%	0.1%
Reading	00:43	-3.8%	01:33	-6.1%	-3.9%	-6.4%	-0.3%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:44	4.3%	-00:32	5.0%	6.6%	4.0%	8.8%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	-00:01	0.3%	-00:01	0.6%	0.5%	0.6%	0.2%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:02	-0.1%	00:13	-0.5%	0.5%	-0.7%	2.3%

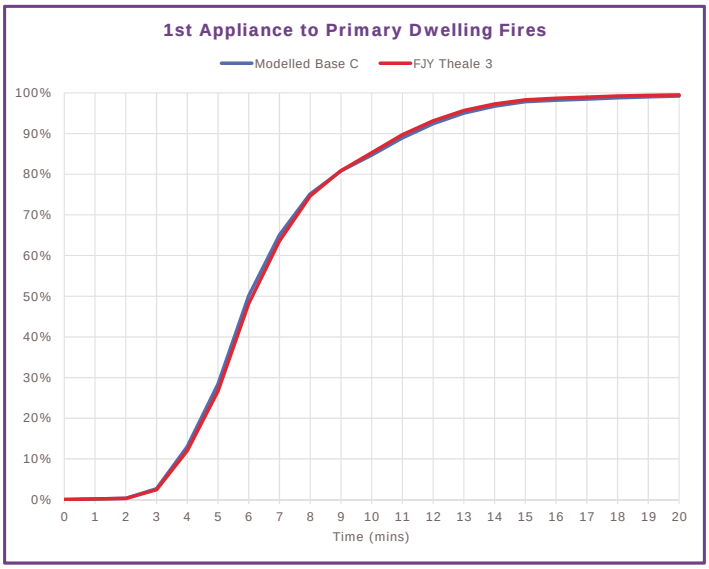
Berkshire Fire

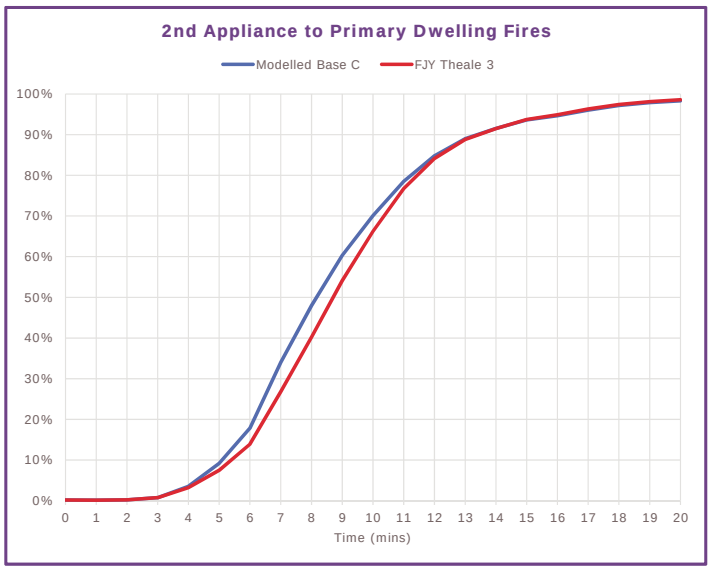
Modelled Base C: FJY Theale 3

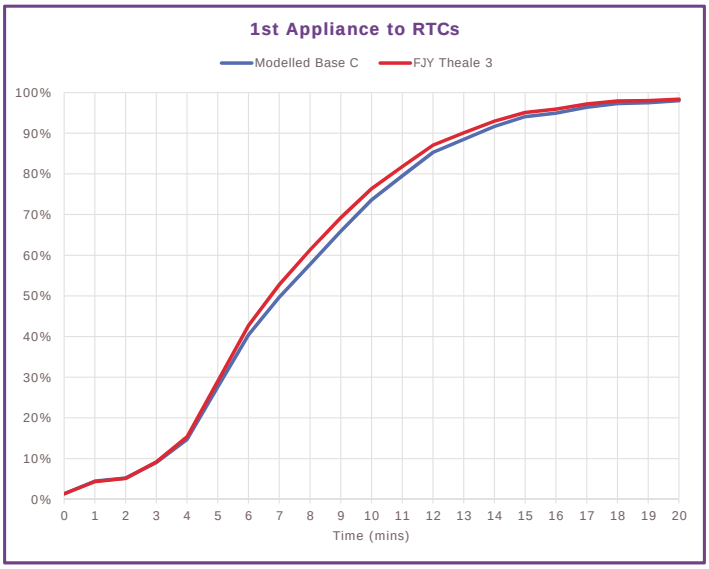
Response Distributions

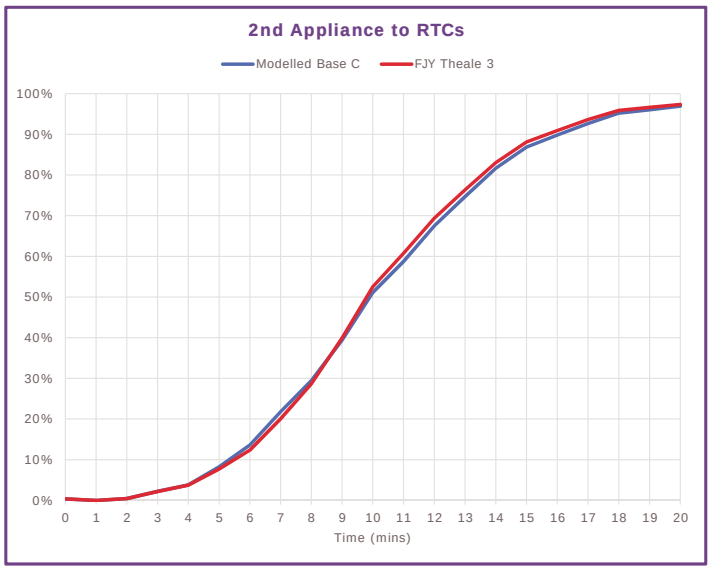












Berkshire Fire

Modelled Base C: FJY Theale 4

24/7 Performance Results

Modelled Base C

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:04	91.8%	09:28	86.8%	92.8%	88.0%	95.2%
Reading	05:46	93.5%	08:03	91.3%	96.1%	92.8%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:13	64.0%	12:29	48.9%	57.8%	57.0%	56.4%
Windsor and Maidenhead	06:49	83.7%	09:01	82.1%	83.7%	86.6%	86.5%
Wokingham	07:44	80.4%	10:42	73.5%	86.8%	83.1%	83.8%
South Buckinghamshire	10:10	62.1%	11:19	55.7%	63.9%	68.6%	70.7%
Service-Wide	07:00	83.9%	09:30	78.9%	84.8%	84.8%	79.5%

FJY Theale 4

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:04	91.8%	09:28	86.8%	92.9%	88.0%	95.3%
Reading	06:27	90.4%	09:32	85.8%	93.0%	87.1%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	08:22	69.7%	11:53	54.5%	66.3%	61.7%	66.4%
Windsor and Maidenhead	06:49	83.7%	09:01	82.1%	83.7%	86.6%	86.5%
Wokingham	07:43	80.7%	10:40	74.3%	87.4%	83.9%	84.1%
South Buckinghamshire	10:10	62.1%	11:19	55.7%	63.9%	68.6%	70.7%
Service-Wide	07:00	84.2%	09:42	78.7%	85.8%	84.5%	82.1%

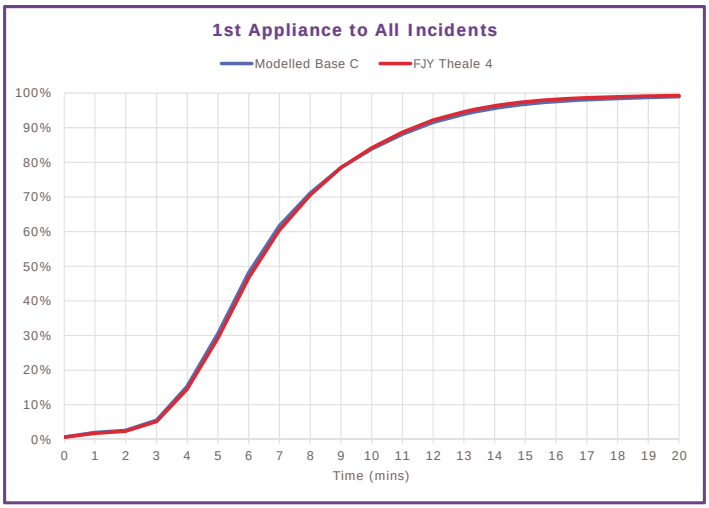
Impact

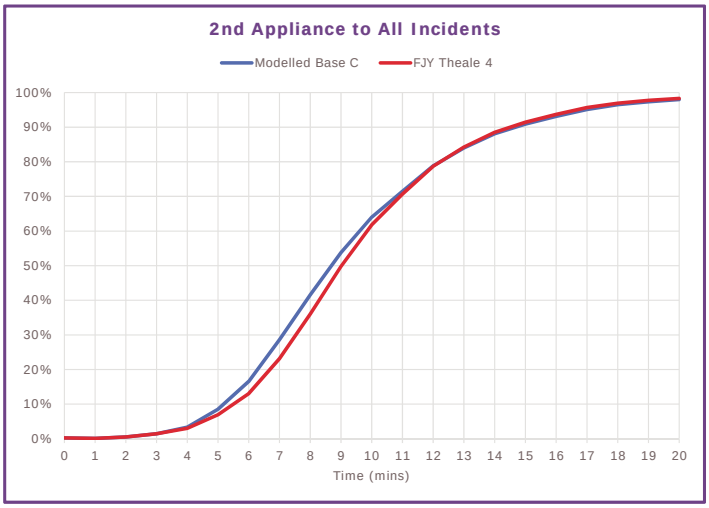
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.0%	0.1%	0.0%	0.1%
Reading	00:41	-3.1%	01:29	-5.5%	-3.1%	-5.7%	0.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:51	5.7%	-00:36	5.6%	8.5%	4.7%	10.0%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	-00:01	0.3%	-00:02	0.8%	0.6%	0.8%	0.3%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:00	0.3%	00:12	-0.2%	1.0%	-0.3%	2.6%

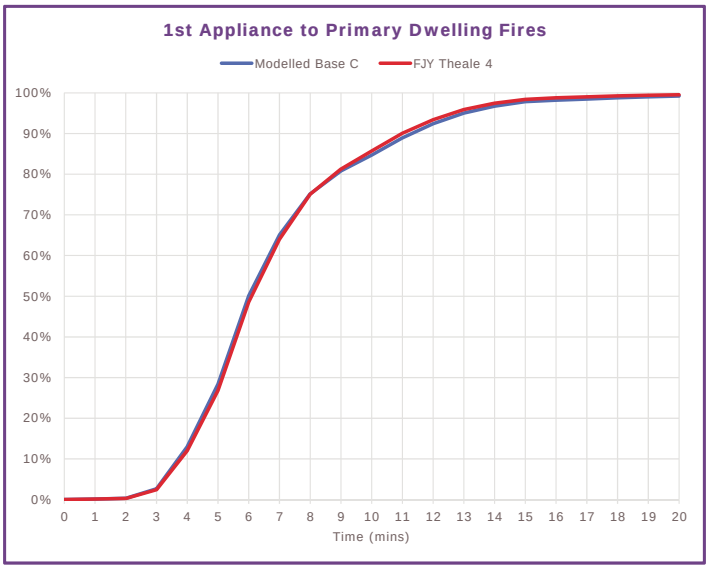
Berkshire Fire

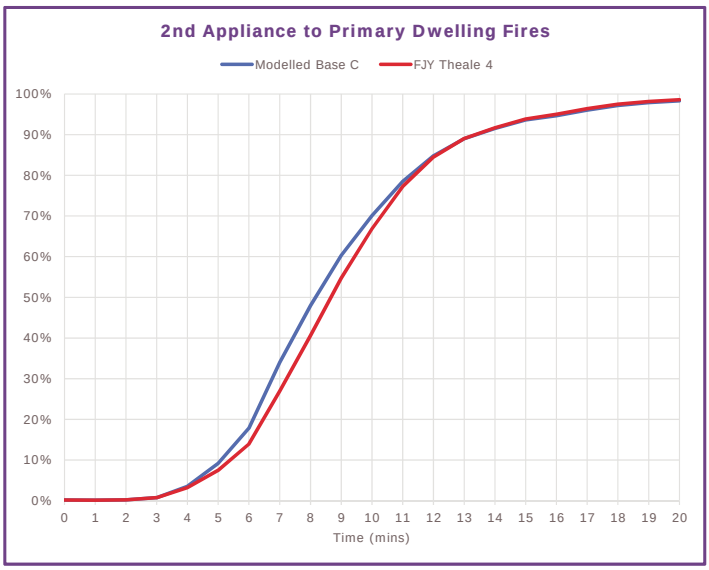
Modelled Base C: FJY Theale 4

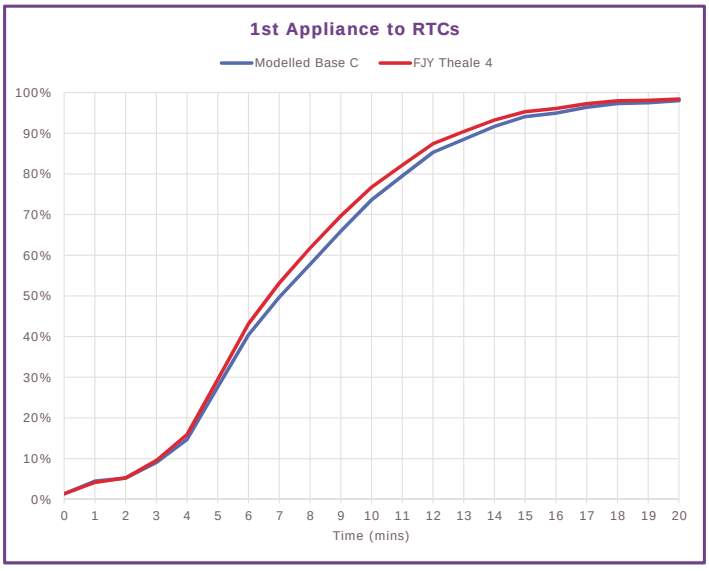
Response Distributions

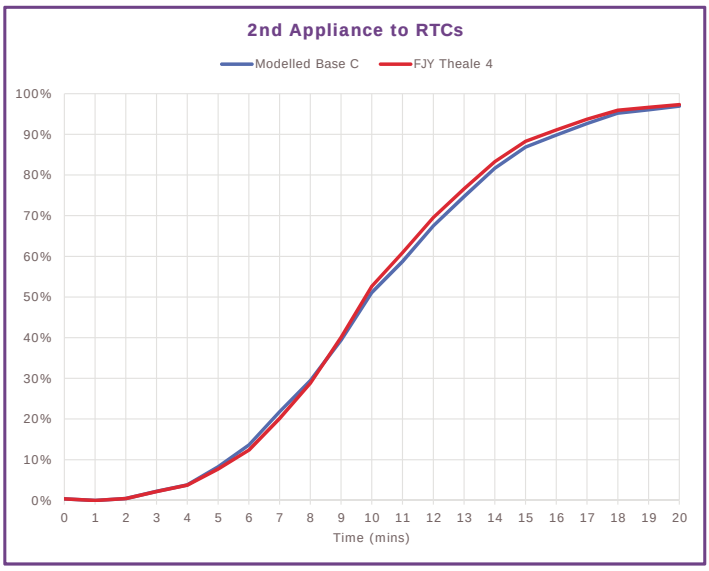












Berkshire Fire

Modelled Base C: FJY Theale 5

24/7 Performance Results

Modelled Base C

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:04	91.8%	09:28	86.8%	92.8%	88.0%	95.2%
Reading	05:46	93.5%	08:03	91.3%	96.1%	92.8%	96.9%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	09:13	64.0%	12:29	48.9%	57.8%	57.0%	56.4%
Windsor and Maidenhead	06:49	83.7%	09:01	82.1%	83.7%	86.6%	86.5%
Wokingham	07:44	80.4%	10:42	73.5%	86.8%	83.1%	83.8%
South Buckinghamshire	10:10	62.1%	11:19	55.7%	63.9%	68.6%	70.7%
Service-Wide	07:00	83.9%	09:30	78.9%	84.8%	84.8%	79.5%

FJY Theale 5

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	06:04	91.8%	09:29	86.7%	92.8%	88.0%	95.2%
Reading	06:34	87.8%	09:49	82.4%	90.3%	83.2%	96.0%
Slough	06:00	92.4%	07:33	91.4%	97.5%	93.8%	85.8%
West Berkshire	08:39	69.0%	11:54	54.4%	64.8%	62.2%	64.8%
Windsor and Maidenhead	06:49	83.7%	09:01	82.1%	83.7%	86.6%	86.5%
Wokingham	07:44	80.4%	10:42	73.8%	86.9%	83.5%	83.9%
South Buckinghamshire	10:10	62.1%	11:19	55.7%	63.9%	68.6%	70.7%
Service-Wide	07:05	83.4%	09:45	77.9%	84.9%	83.6%	81.6%

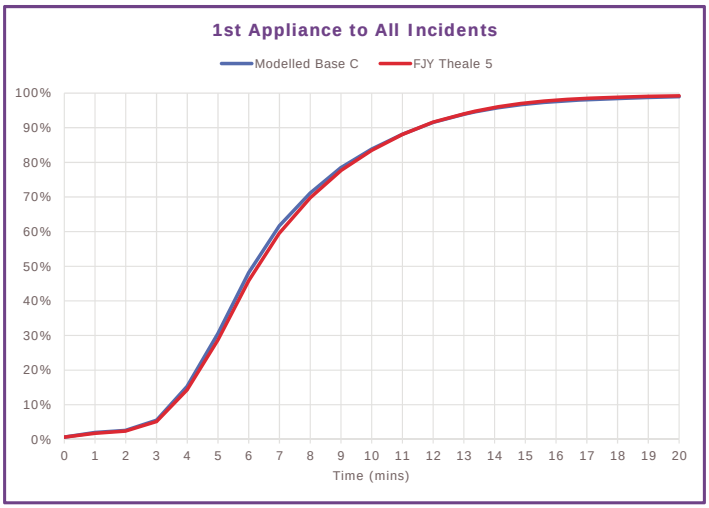
Impact

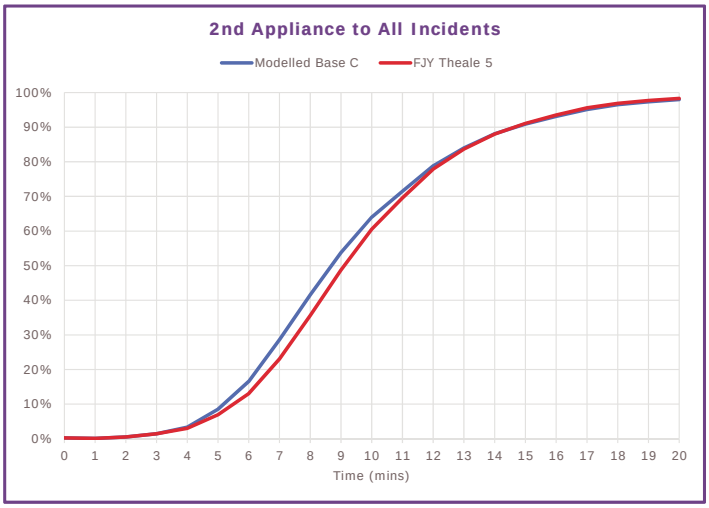
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:01	-0.1%	0.0%	0.0%	0.0%
Reading	00:48	-5.7%	01:46	-8.9%	-5.8%	-9.6%	-0.9%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:34	5.0%	-00:35	5.5%	7.0%	5.2%	8.4%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	00:00	0.0%	00:00	0.3%	0.1%	0.4%	0.1%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:05	-0.5%	00:15	-1.0%	0.1%	-1.2%	2.1%

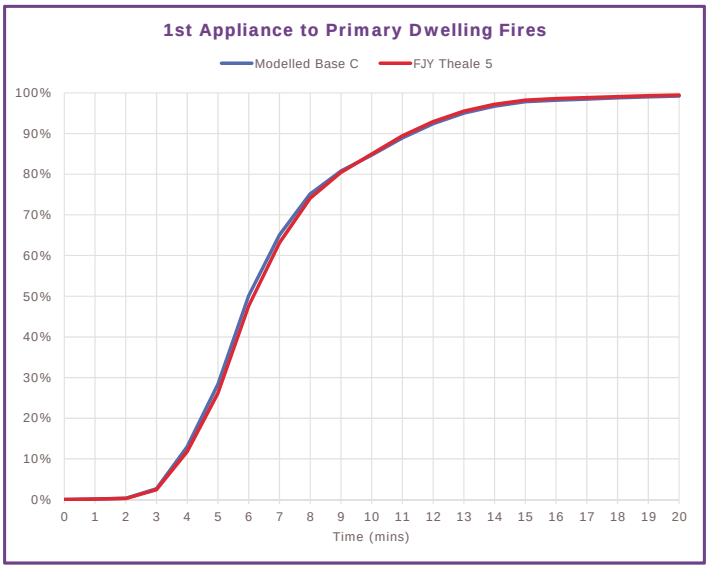
Berkshire Fire

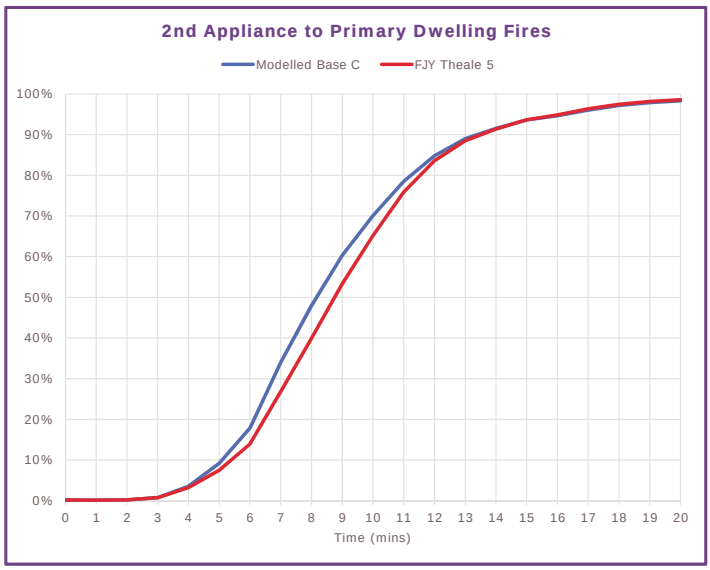
Modelled Base C: FJY Theale 5

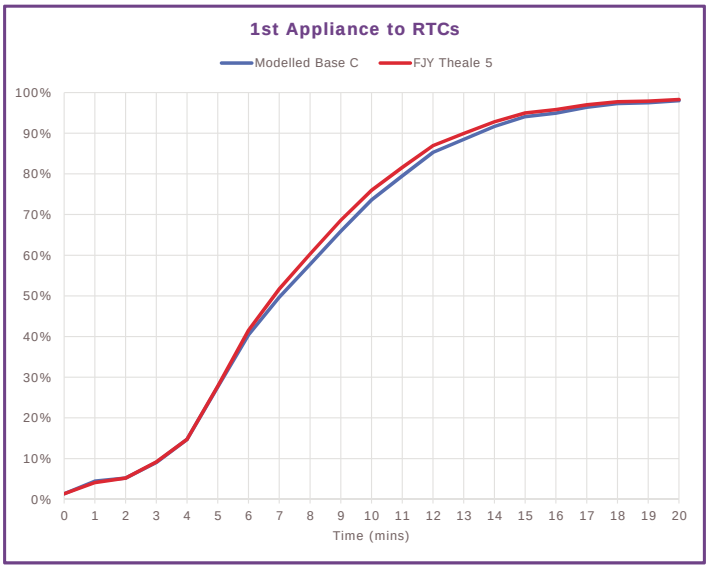
Response Distributions

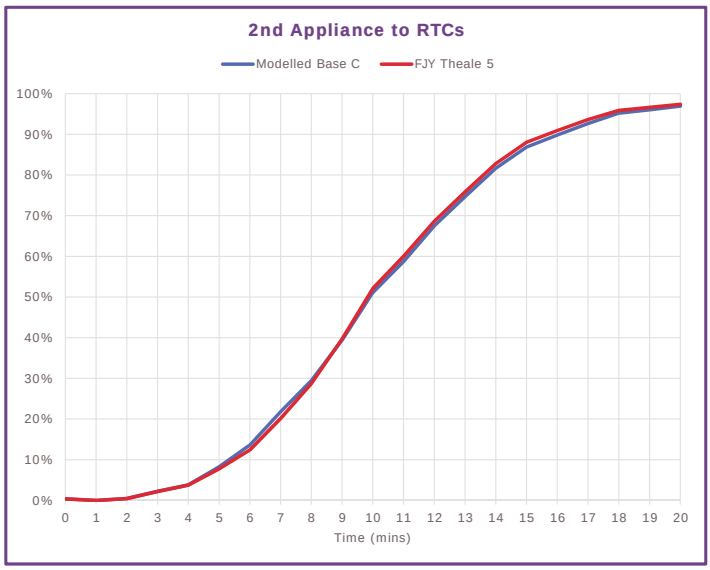












Berkshire Fire

Theale Modelling: Modelled Base C

24/7 Performance Results

Reading Impact

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Modelled Base C	05:46	93.5%	08:03	91.3%	96.1%	92.8%	96.9%
FJY Theale 1&2	00:39	-2.7%	01:27	-5.1%	-2.8%	-5.2%	0.0%
FJY Theale 3	00:43	-3.8%	01:33	-6.1%	-3.8%	-6.4%	-0.3%
FJY Theale 4	00:41	-3.1%	01:29	-5.5%	-3.1%	-5.7%	0.0%
FJY Theale 5	00:48	-5.7%	01:45	-8.9%	-5.8%	-9.6%	-0.9%

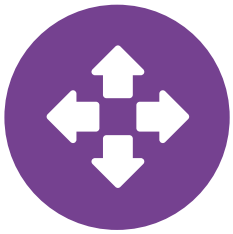
West Berkshire Impact

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Modelled Base C	09:13	64.0%	12:29	48.9%	57.8%	57.0%	56.4%
FJY Theale 1&2	-00:52	5.7%	-00:35	5.5%	8.3%	4.5%	10.0%
FJY Theale 3	-00:44	4.3%	-00:32	5.1%	6.6%	4.0%	8.8%
FJY Theale 4	-00:51	5.7%	-00:35	5.6%	8.5%	4.7%	10.0%
FJY Theale 5	-00:34	5.0%	-00:35	5.5%	7.0%	5.2%	8.4%

Service-wide Impact

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 10 Mins	Average 2nd	2nd Within 12 Mins	1st Within 10 Mins	2nd Within 12 Mins	1st Within 11 Mins
Modelled Base C	07:00	83.9%	09:30	78.9%	84.8%	84.8%	79.5%
FJY Theale 1&2	-00:01	0.4%	00:11	-0.1%	1.0%	-0.2%	2.6%
FJY Theale 3	00:02	-0.1%	00:13	-0.4%	0.5%	-0.7%	2.3%
FJY Theale 4	00:00	0.3%	00:12	-0.2%	0.9%	-0.3%	2.6%
FJY Theale 5	00:05	-0.4%	00:16	-1.0%	0.1%	-1.2%	2.1%

Emergency Service Planning



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