



Emergency Service Planning  
**Fire and Rescue Services**

**Royal Berkshire Fire & Rescue Service**

# **Theale Modelling Eight and Ten Minute Targets**

Final Report

25th September 2015

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## Royal Berkshire Fire & Rescue Service

# Theale Modelling – 8- and 10-minute Targets

## Final Report

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## 1 INTRODUCTION

- 1.1 ORH 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 This work required a 'data refresh' of ORH's models, using incident, workload and appliance availability data from 2014/15. Simulation modelling was then used to assess a set of five defined options for relocating Dee Road fire station to Theale. A Final Report (ORH Reference: BF/19) was produced on 16<sup>th</sup> September and discussed with RBFRS.
- 1.3 ORH was then subsequently asked to produce further modelling outputs for reporting against 8- and 10-minute response targets (for 1<sup>st</sup> and 2<sup>nd</sup> response respectively).
- 1.4 This Final Report outlines the methodology applied before presenting the modelling outputs.

## 2 METHODOLOGY

- 2.1 The broad methodology as applied in the previous modelling was applied in this work; a full description is provided in the BF/19 Final Report.
- 2.2 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):
  - Actual (analysed) availability for all RDS appliances ('Base A' – see Appendix **A**);
  - Pangbourne (Station 7) 0% available; all other RDS as actual availability ('Base B' – see Appendix **B**); and
  - All RDS appliances 100% available ('Base C' – see Appendix **C**).



- 2.3 For all modelling options contained within this report, response performance was compared to the appropriate modelled base position for the following measures (by district):
- All incidents: average 1<sup>st</sup> response, % of 1<sup>st</sup> responses in 8 minutes, average 2<sup>nd</sup> response, % of 2<sup>nd</sup> responses in 10 minutes;
  - Dwelling Fires: % of 1<sup>st</sup> responses in 8 minutes, % of 2<sup>nd</sup> responses in 10 minutes; and
  - RTCs: % of 1<sup>st</sup> responses in 11 minutes.
- 2.4 In comparison to the previous modelling outputs, the 8- and 10-minute response targets (for 1<sup>st</sup> and 2<sup>nd</sup> response respectively) have replaced the 10- and 12-minute standards shown in the BF/19 Final Report.

### 3 RESULTS

- 3.1 The modelling results are presented in Appendices **A**, **B** and **C** for the three modelled base positions respectively.
- 3.2 The outcomes for the average response times and the RTC performance measure are the same as previously shown; this is to be expected.
- 3.3 In comparison to the previous modelling outputs, reporting at the 8- and 10-minute response targets (rather than 10- and 12-minute) is shown to have more detrimental impacts against the base positions.
- 3.4 The most significant effects are for 2<sup>nd</sup> response performance where the 10-minute standard is applied (instead of the 12-minute), with a service-wide decrease of around 2.5% against each base position. The negative impacts in Reading district are much larger than the positive impacts reported in West Berkshire; when applying a 12-minute standard these effects broadly gave a neutral position overall.
- 3.5 Applying the 8- and 10-minute response targets, FJY Theale 5 is more clearly shown to have the most detrimental impact on response times to Reading and consequently the least positive impacts service-wide.



# Appendices

A	Modelling Results – Base A
B	Modelling Results – Base B
C	Modelling Results – Base C

Royal Berkshire Fire & Rescue Service

## Theale Modelling – 8- and 10-minute Targets

Final Report

ORH/BF/20



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## **A Modelling Results – Base A**

### **A1 Modelled Base A (vs. 2012/13 – 2013/14 Model)**

**A1a** Response Performance by District

**A1b** Cumulative Response Profile by Incident Type

### **A2 FJY Theale 1/2**

**A2a** Response Performance by District

**A2b** Cumulative Response Profile by Incident Type

### **A3 FJY Theale 3**

**A3a** Response Performance by District

**A3b** Cumulative Response Profile by Incident Type

### **A4 FJY Theale 4**

**A4a** Response Performance by District

**A4b** Cumulative Response Profile by Incident Type

### **A5 FJY Theale 5**

**A5a** Response Performance by District

**A5b** Cumulative Response Profile by Incident Type

### **A6 Modelled Base A – Summary**

**Modelled Base A**24/7 Performance Results**2012/13 to 2013/14 Modelled Base**

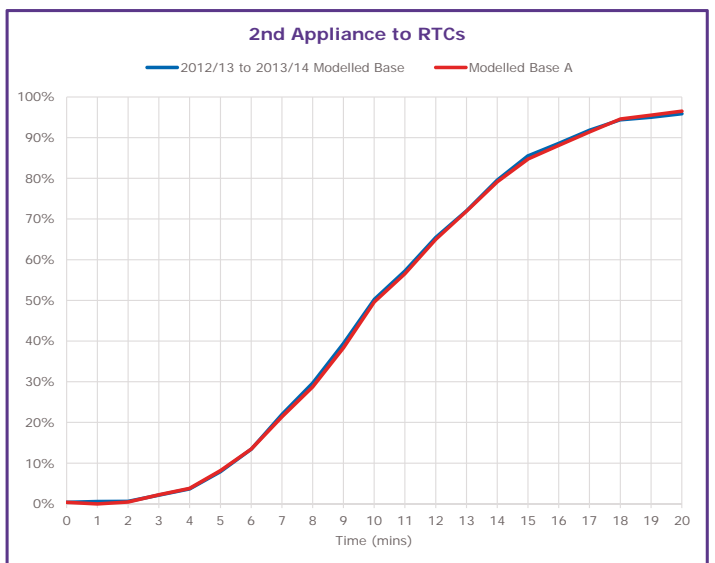
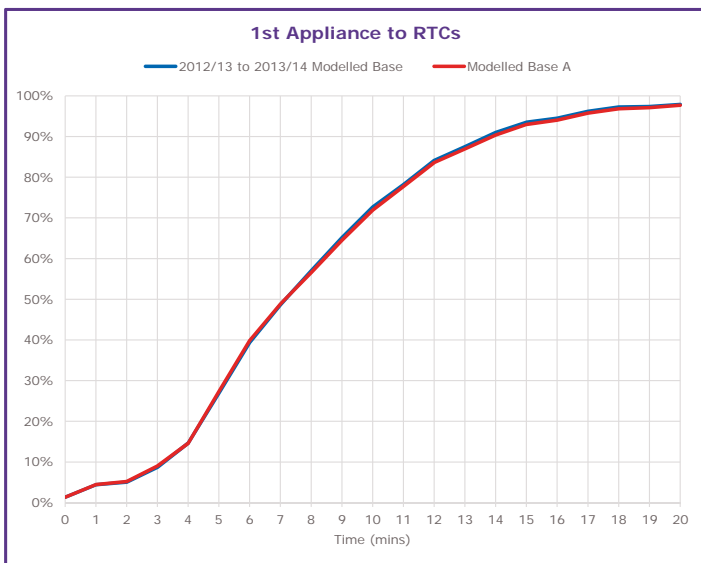
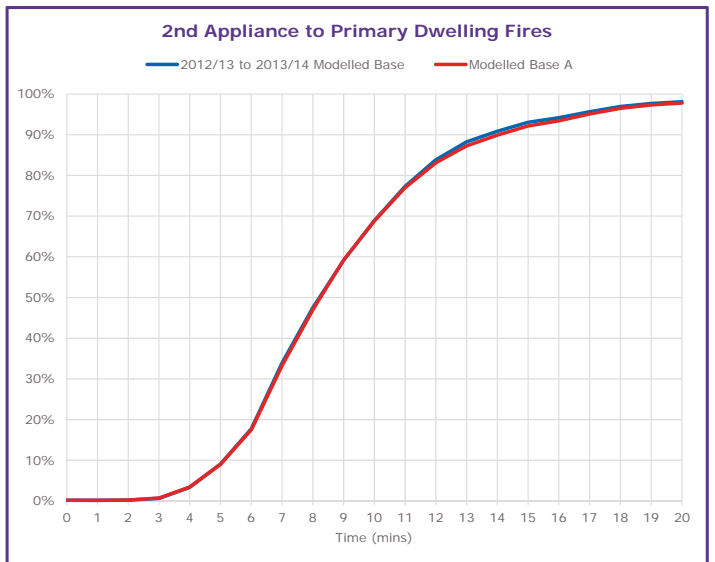
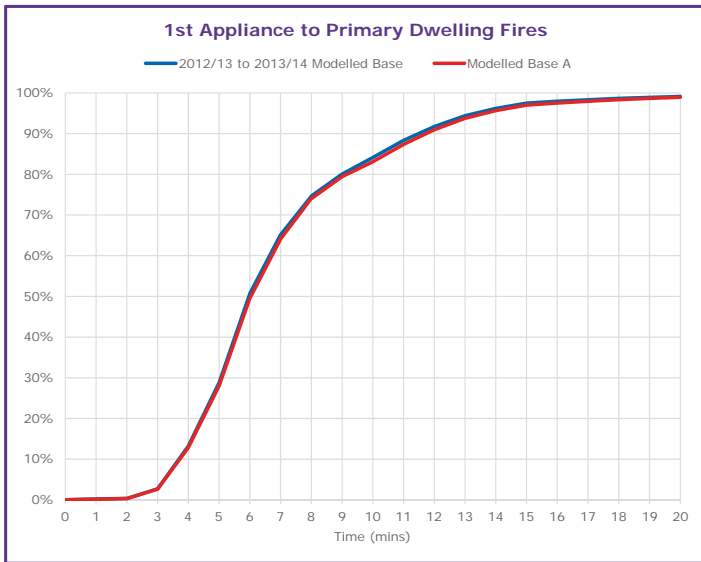
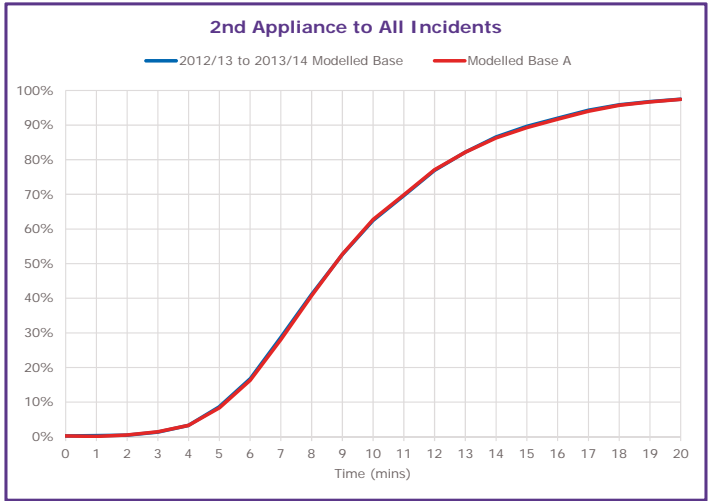
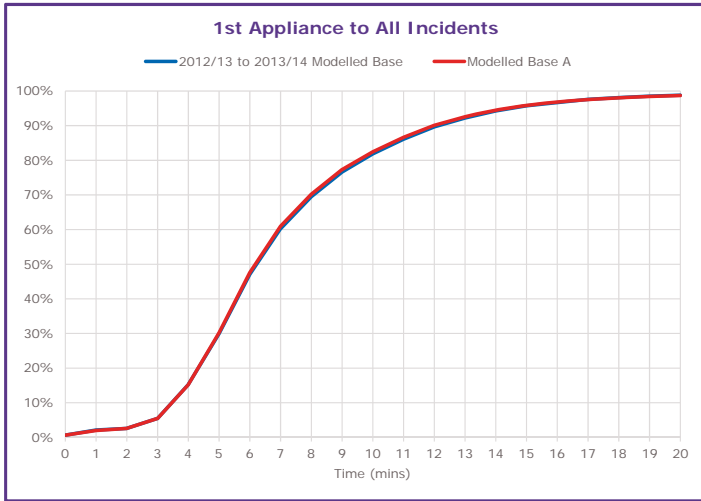
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:26	77.9%	10:19	50.3%	82.2%	47.1%	90.5%
Reading	05:43	86.5%	08:00	83.7%	90.7%	87.6%	97.5%
Slough	06:04	83.9%	07:32	81.9%	94.0%	85.9%	87.0%
West Berkshire	09:20	48.3%	12:36	35.1%	46.4%	41.0%	54.9%
Windsor and Maidenhead	07:35	62.2%	09:36	61.9%	65.4%	63.0%	83.8%
Wokingham	07:52	58.1%	10:49	48.4%	67.7%	59.0%	81.8%
South Buckinghamshire	10:08	47.2%	11:14	48.1%	42.9%	75.0%	72.2%
Service-Wide	07:12	69.5%	09:40	62.5%	74.7%	68.9%	78.2%

**Modelled Base A**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	81.9%	53.8%	94.3%
Reading	05:46	85.8%	08:03	83.2%	89.5%	87.2%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:38	46.6%	12:47	34.3%	45.1%	40.1%	52.8%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:04	56.6%	10:59	47.8%	66.1%	56.2%	80.7%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:09	70.2%	09:41	62.8%	74.2%	68.8%	77.7%

**Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	-00:10	1.5%	-00:36	9.4%	-0.3%	6.7%	3.8%
Reading	00:03	-0.7%	00:03	-0.5%	-1.2%	-0.4%	-0.6%
Slough	-00:04	0.6%	00:01	-0.9%	0.5%	0.4%	-1.2%
West Berkshire	00:18	-1.7%	00:11	-0.8%	-1.3%	-0.9%	-2.1%
Windsor and Maidenhead	-00:43	6.2%	-00:11	0.7%	4.4%	1.0%	2.4%
Wokingham	00:12	-1.5%	00:10	-0.6%	-1.6%	-2.8%	-1.1%
South Buckinghamshire	00:03	-0.7%	00:17	-2.5%	0.9%	-4.7%	-2.0%
Service-Wide	-00:03	0.7%	00:01	0.3%	-0.5%	-0.1%	-0.5%



**Modelled Base A: FJY Theale 1&2**

24/7 Performance Results

**Modelled Base A**

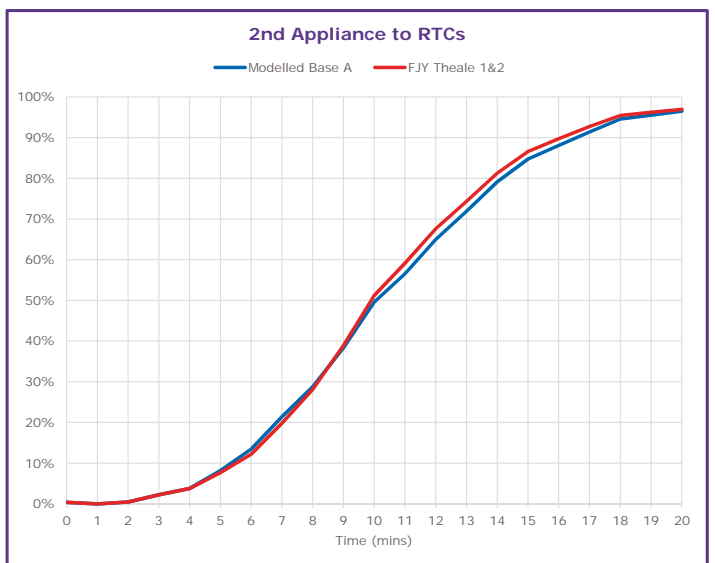
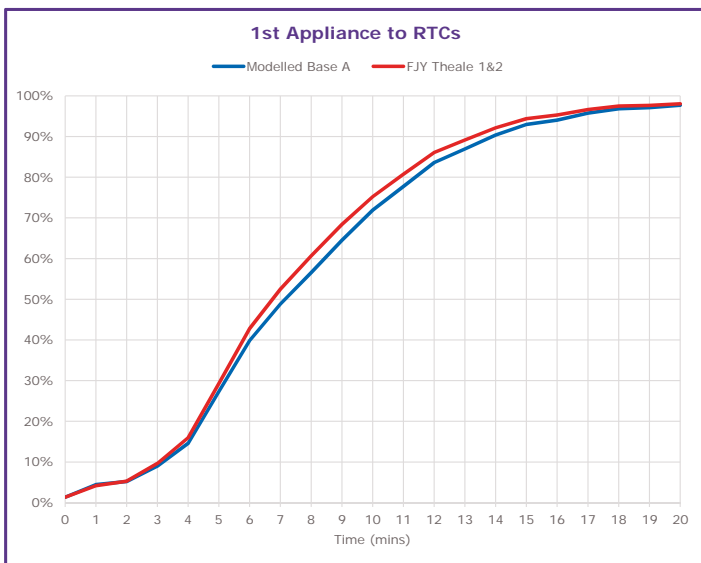
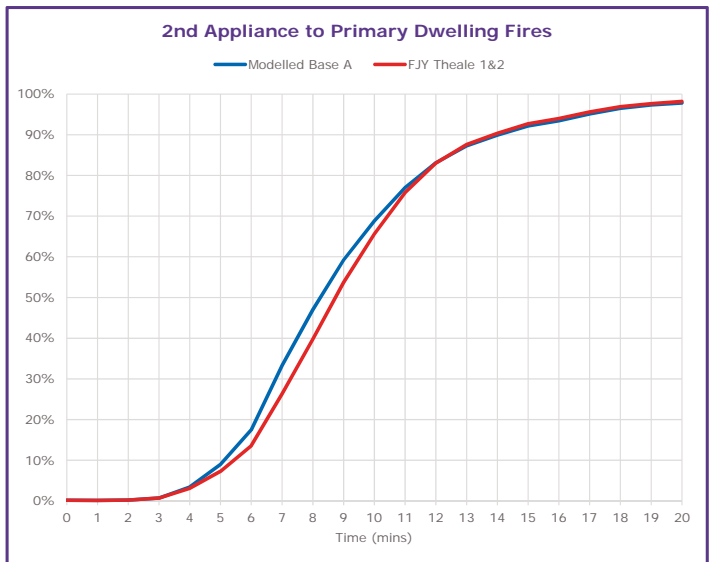
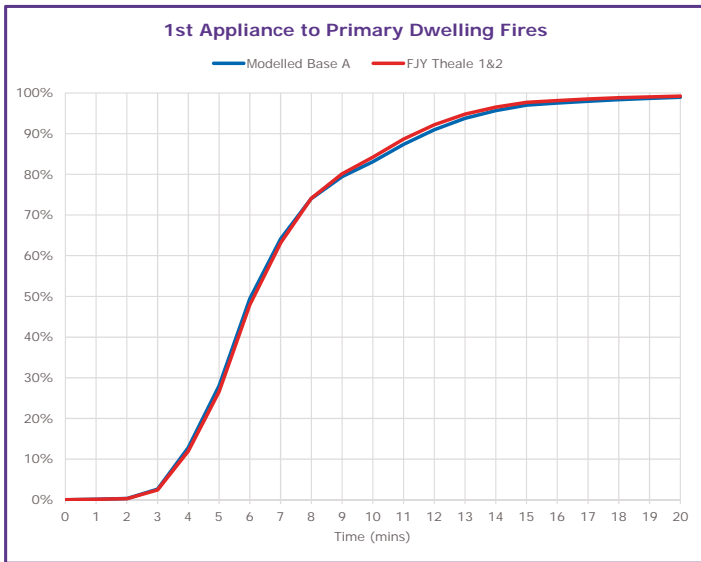
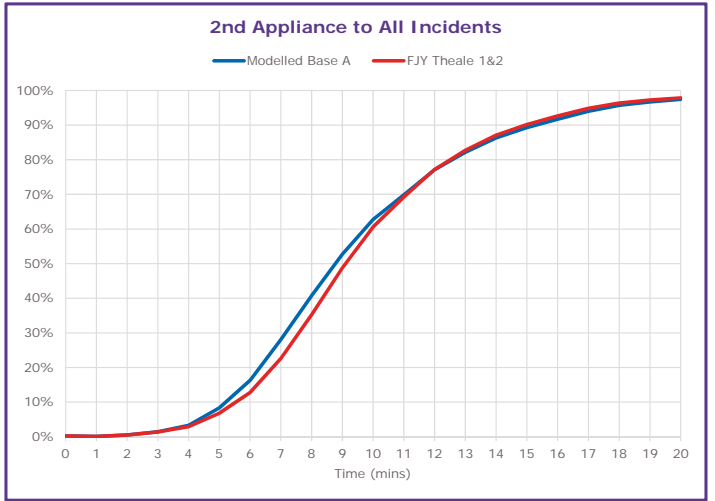
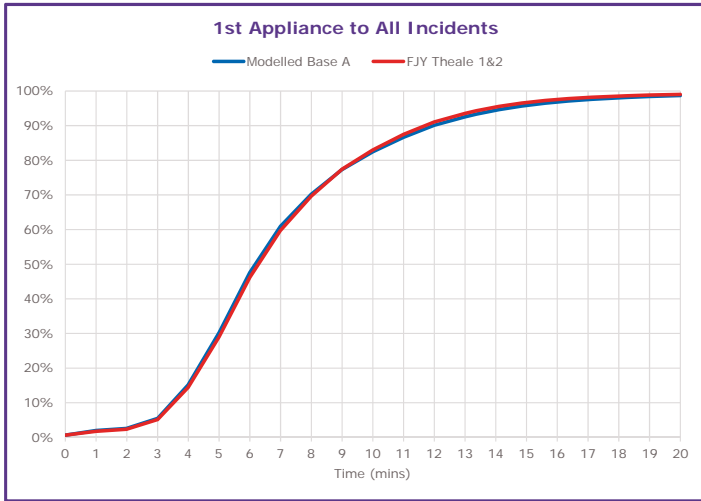
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	81.9%	53.8%	94.3%
Reading	05:46	85.8%	08:03	83.2%	89.5%	87.2%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:38	46.6%	12:47	34.3%	45.1%	40.1%	52.8%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:04	56.6%	10:59	47.8%	66.1%	56.2%	80.7%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:09	70.2%	09:41	62.8%	74.2%	68.8%	77.7%

**FJY Theale 1&2**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	82.0%	53.8%	94.4%
Reading	06:25	76.7%	09:30	67.6%	79.3%	69.4%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	08:42	54.9%	12:07	41.3%	53.8%	45.7%	64.0%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:04	56.9%	10:56	48.2%	66.7%	56.5%	81.1%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:08	69.7%	09:51	60.6%	74.0%	65.7%	80.7%

**Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.0%	0.1%	0.0%	0.1%
Reading	00:39	-9.1%	01:27	-15.6%	-10.2%	-17.8%	0.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:56	8.3%	-00:40	7.0%	8.7%	5.6%	11.2%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	00:00	0.3%	-00:03	0.4%	0.6%	0.3%	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	-2.2%	-0.2%	-3.1%	3.0%



**Modelled Base A: FJY Theale 3**

24/7 Performance Results

**Modelled Base A**

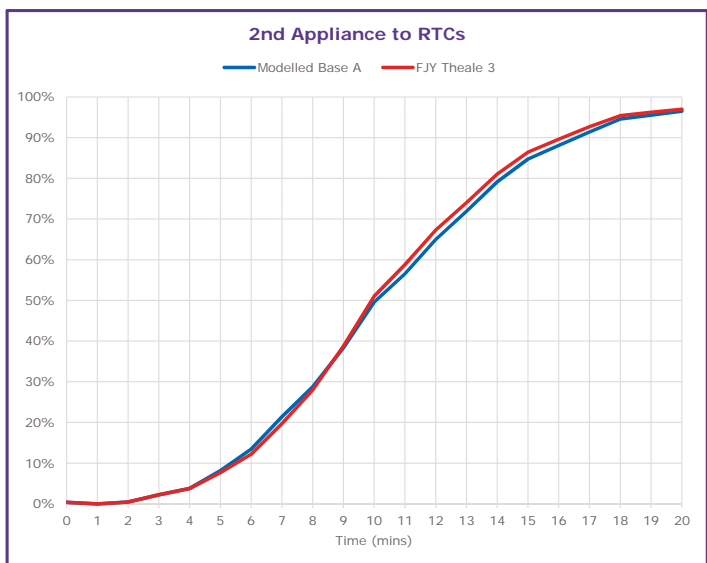
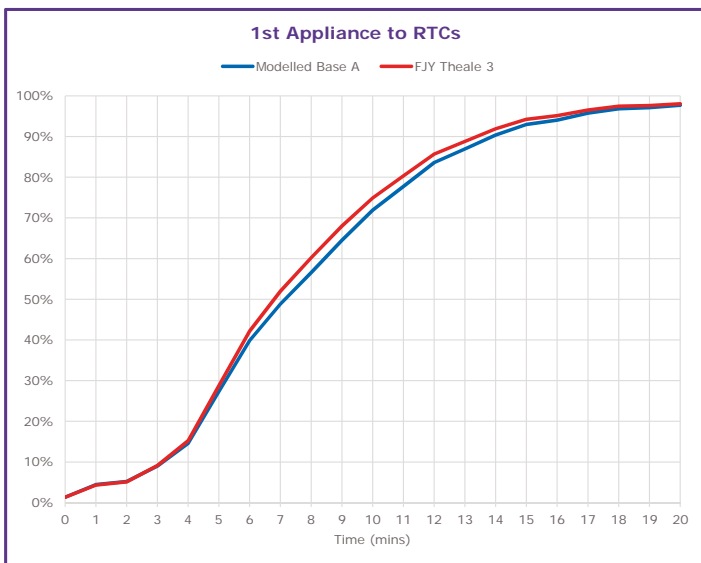
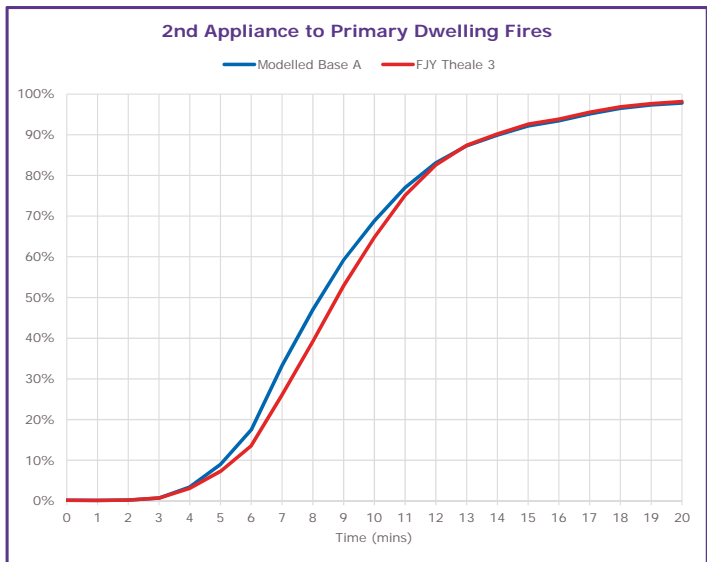
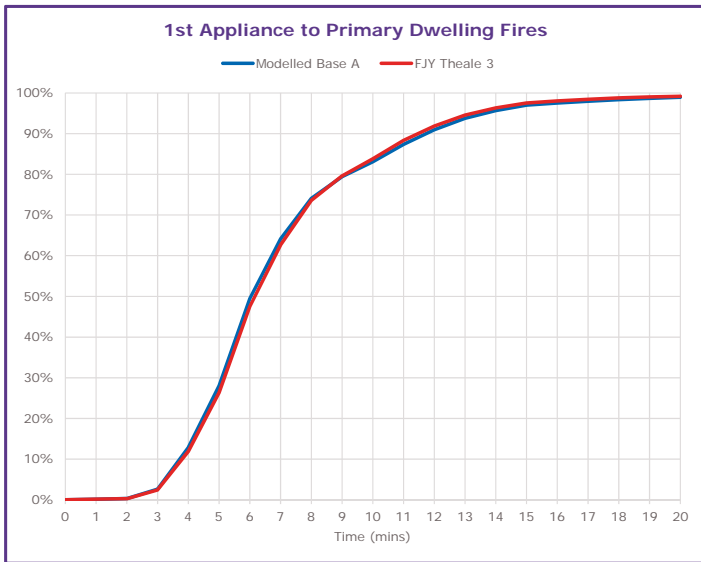
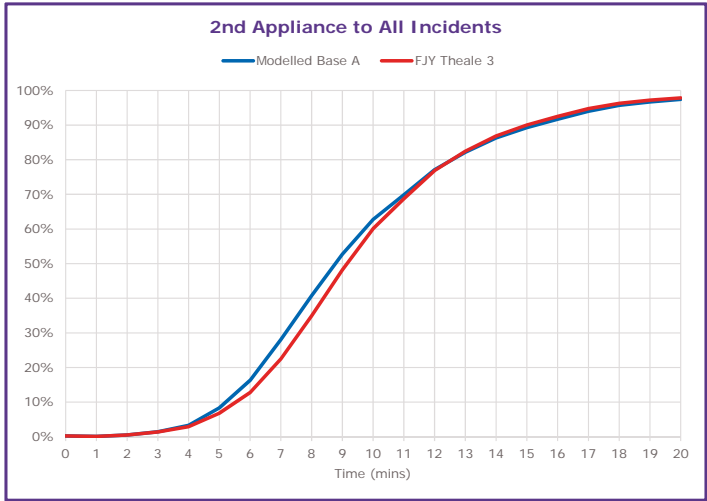
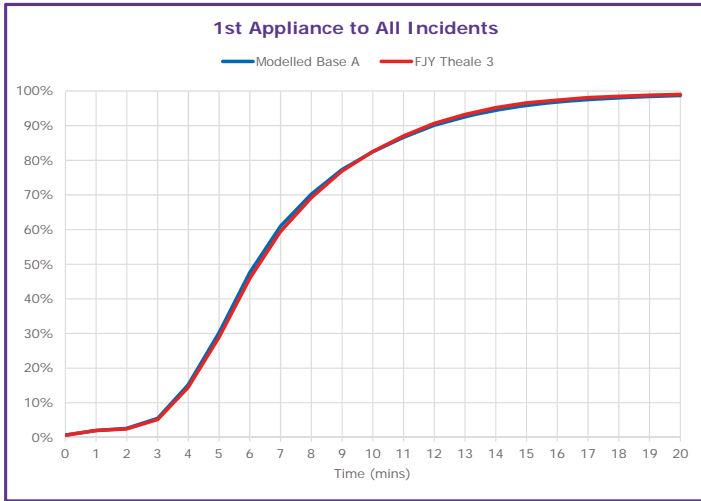
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	81.9%	53.8%	94.3%
Reading	05:46	85.8%	08:03	83.2%	89.5%	87.2%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:38	46.6%	12:47	34.3%	45.1%	40.1%	52.8%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:04	56.6%	10:59	47.8%	66.1%	56.2%	80.7%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:09	70.2%	09:41	62.8%	74.2%	68.8%	77.7%

**FJY Theale 3**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.6%	82.0%	53.8%	94.4%
Reading	06:29	75.5%	09:36	65.4%	77.9%	66.5%	96.6%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	08:50	54.1%	12:09	41.2%	53.1%	45.3%	62.7%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:04	56.7%	10:57	48.0%	66.4%	56.3%	80.8%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:10	69.2%	09:53	60.1%	73.5%	64.8%	80.3%

**Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	-0.1%	0.1%	0.0%	0.1%
Reading	00:43	-10.3%	01:33	-17.8%	-11.6%	-20.7%	-0.3%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:48	7.5%	-00:38	6.9%	8.0%	5.2%	9.9%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	00:00	0.1%	-00:02	0.2%	0.3%	0.1%	0.1%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:01	-1.0%	00:12	-2.7%	-0.7%	-4.0%	2.6%



**Modelled Base A: FJY Theale 4**

24/7 Performance Results

**Modelled Base A**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	81.9%	53.8%	94.3%
Reading	05:46	85.8%	08:03	83.2%	89.5%	87.2%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:38	46.6%	12:47	34.3%	45.1%	40.1%	52.8%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:04	56.6%	10:59	47.8%	66.1%	56.2%	80.7%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:09	70.2%	09:41	62.8%	74.2%	68.8%	77.7%

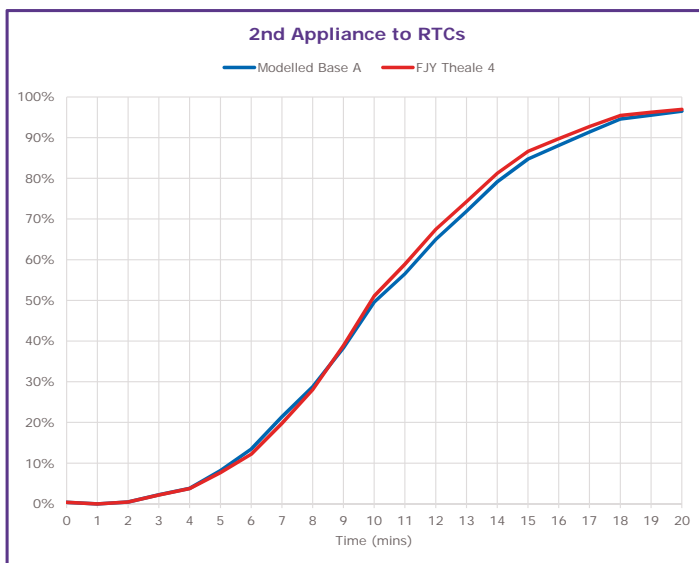
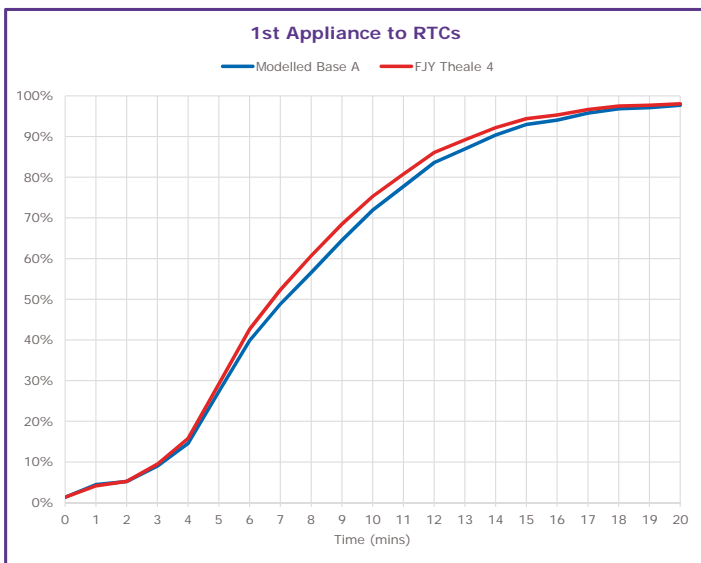
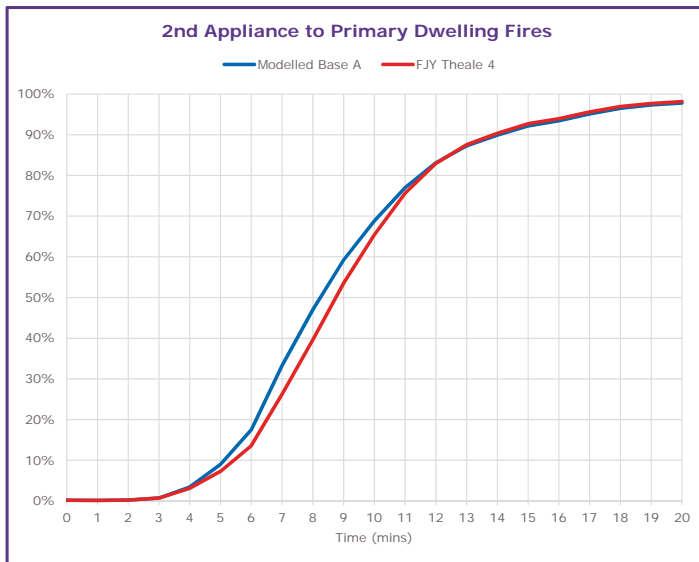
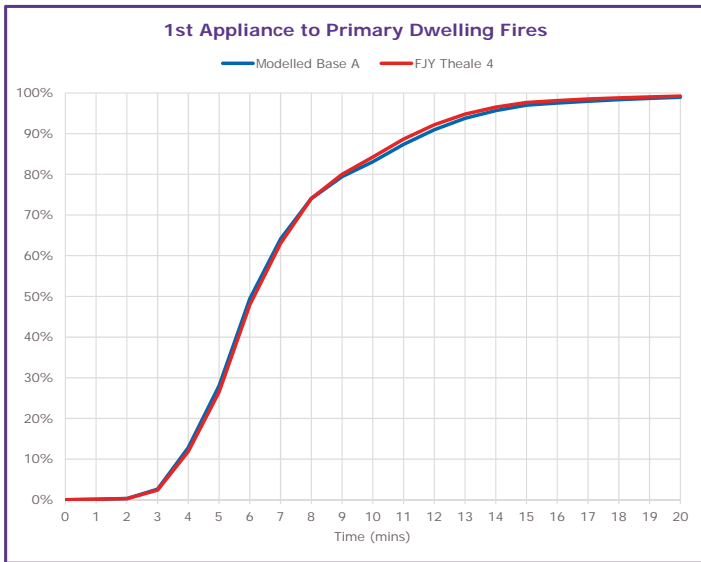
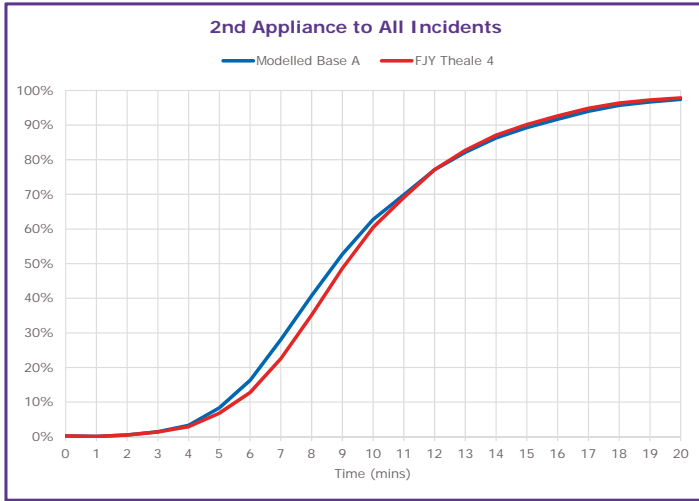
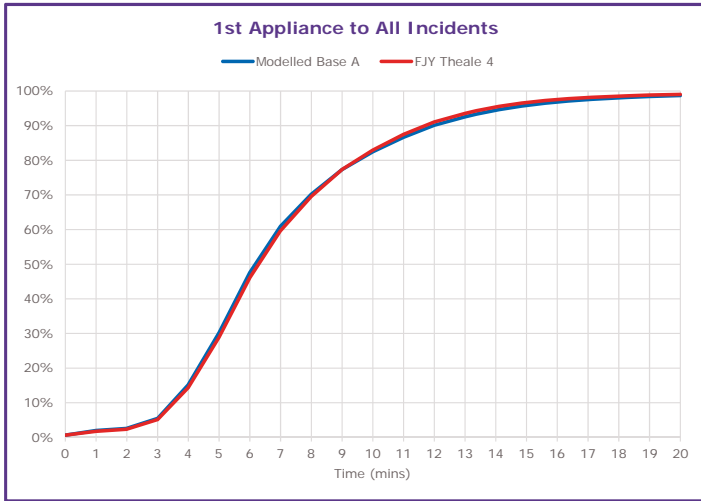
**FJY Theale 4**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	82.0%	53.8%	94.4%
Reading	06:27	76.1%	09:32	66.9%	78.6%	68.3%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	08:42	55.1%	12:06	41.5%	54.2%	45.9%	64.1%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:04	56.9%	10:56	48.1%	66.6%	56.4%	81.0%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:08	69.6%	09:52	60.4%	74.0%	65.4%	80.8%

**Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.0%	0.1%	0.0%	0.1%
Reading	00:41	-9.7%	01:29	-16.3%	-10.9%	-18.9%	0.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:56	8.5%	-00:41	7.2%	9.1%	5.8%	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	0.3%	0.5%	0.2%	0.3%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	-00:01	-0.6%	00:11	-2.4%	-0.2%	-3.4%	3.1%





**Modelled Base A: FJY Theale 5**

24/7 Performance Results

**Modelled Base A**

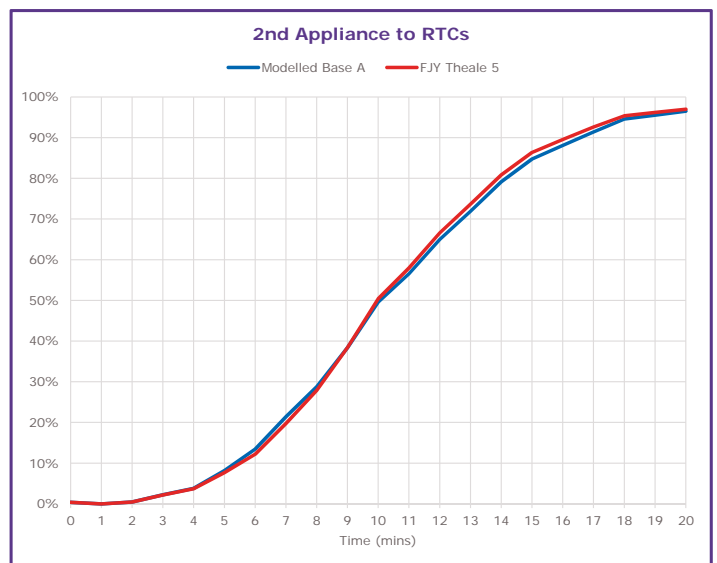
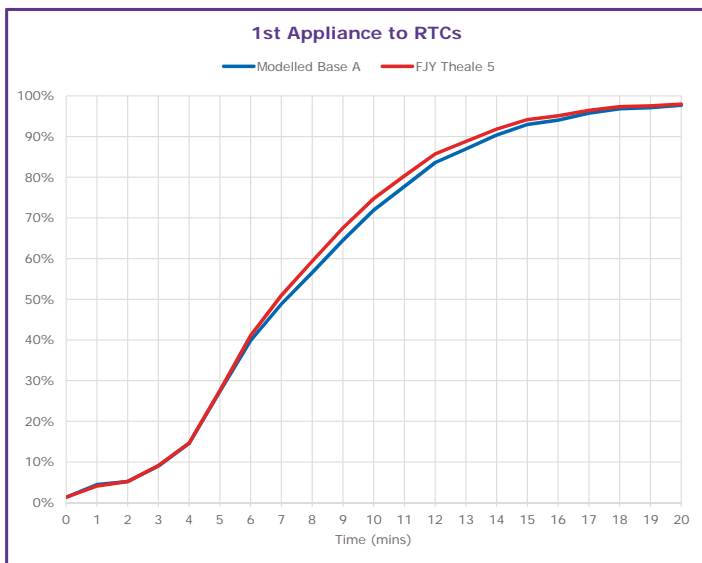
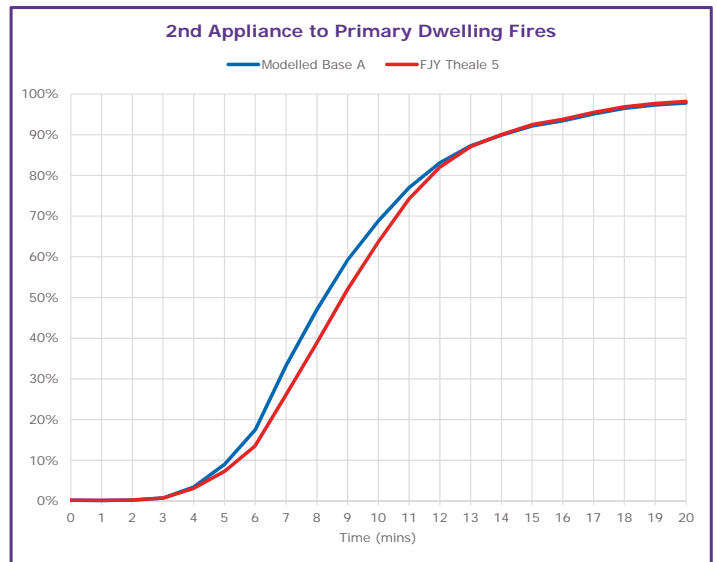
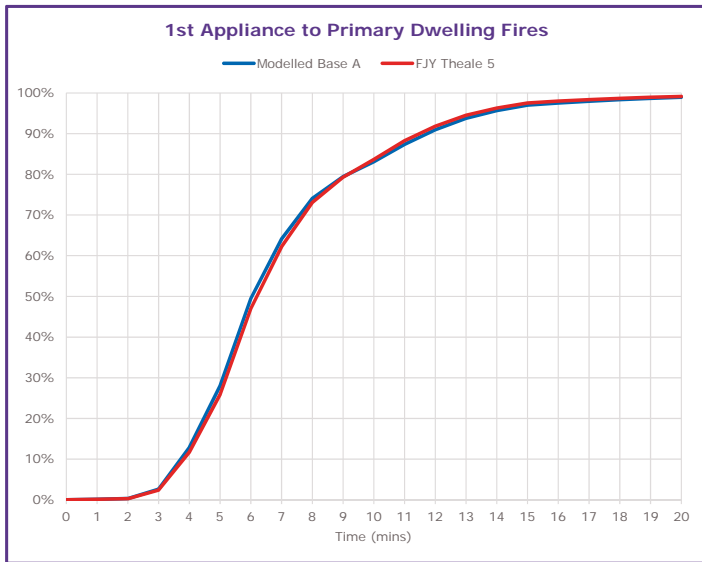
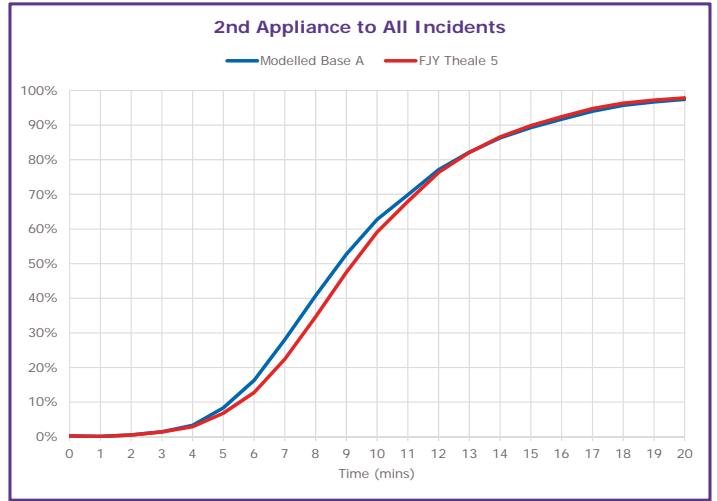
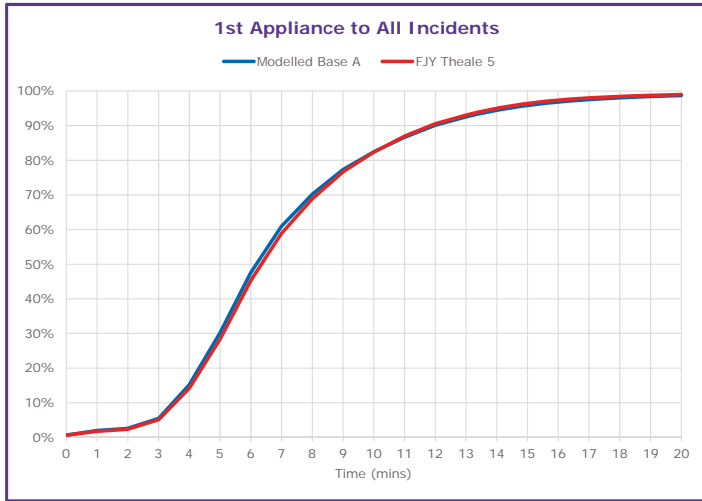
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	81.9%	53.8%	94.3%
Reading	05:46	85.8%	08:03	83.2%	89.5%	87.2%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:38	46.6%	12:47	34.3%	45.1%	40.1%	52.8%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:04	56.6%	10:59	47.8%	66.1%	56.2%	80.7%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:09	70.2%	09:41	62.8%	74.2%	68.8%	77.7%

**FJY Theale 5**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.3%	09:43	59.6%	81.9%	53.7%	94.3%
Reading	06:34	74.7%	09:48	61.3%	76.8%	61.3%	96.0%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	08:55	53.6%	12:07	41.2%	52.6%	46.0%	63.0%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:05	56.5%	10:59	47.8%	65.9%	56.3%	80.8%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:12	68.9%	09:56	59.1%	73.0%	63.7%	80.3%

**Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	00:00	-0.1%	00:00	-0.1%	0.0%	-0.1%	0.0%
Reading	00:48	-11.1%	01:45	-21.9%	-12.7%	-25.9%	-0.9%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:43	7.0%	-00:40	6.9%	7.5%	5.9%	10.2%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	00:01	-0.1%	00:00	0.0%	-0.2%	0.1%	0.1%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:03	-1.3%	00:15	-3.7%	-1.2%	-5.1%	2.6%





**Theale Modelling: Modelled Base A**

24/7 Performance Results

**Reading Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Modelled Base A	05:46	85.8%	08:03	83.2%	89.5%	87.2%	96.9%
FJY Theale 1&2	00:39	-9.1%	01:26	-15.6%	-10.3%	-17.8%	0.0%
FJY Theale 3	00:43	-10.3%	01:33	-17.8%	-11.6%	-20.7%	-0.3%
FJY Theale 4	00:41	-9.6%	01:29	-16.3%	-10.9%	-18.9%	0.0%
FJY Theale 5	00:48	-11.1%	01:45	-21.9%	-12.8%	-25.8%	-0.9%

**West Berkshire Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Modelled Base A	09:38	46.6%	12:47	34.3%	45.1%	40.1%	52.8%
FJY Theale 1&2	-00:56	8.3%	-00:41	7.0%	8.7%	5.6%	11.2%
FJY Theale 3	-00:48	7.5%	-00:39	6.9%	8.0%	5.2%	9.9%
FJY Theale 4	-00:56	8.5%	-00:42	7.2%	9.1%	5.9%	11.4%
FJY Theale 5	-00:43	7.0%	-00:40	6.9%	7.4%	5.9%	10.2%

**Service-wide Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Modelled Base A	07:09	70.2%	09:41	62.8%	74.2%	68.8%	77.7%
FJY Theale 1&2	-00:01	-0.5%	00:10	-2.1%	-0.2%	-3.2%	3.0%
FJY Theale 3	00:01	-1.0%	00:12	-2.7%	-0.7%	-4.0%	2.6%
FJY Theale 4	-00:01	-0.6%	00:10	-2.3%	-0.2%	-3.4%	3.0%
FJY Theale 5	00:03	-1.3%	00:14	-3.7%	-1.2%	-5.1%	2.6%



## **B Modelling Results – Base B**

### **B1 Modelled Base B (vs. Base A)**

**B1a** Response Performance by District

**B1b** Cumulative Response Profile by Incident Type

### **B2 FJY Theale 1/2**

**B2a** Response Performance by District

**B2b** Cumulative Response Profile by Incident Type

### **B3 FJY Theale 3**

**B3a** Response Performance by District

**B3b** Cumulative Response Profile by Incident Type

### **B4 FJY Theale 4**

**B4a** Response Performance by District

**B4b** Cumulative Response Profile by Incident Type

### **B5 FJY Theale 5**

**B5a** Response Performance by District

**B5b** Cumulative Response Profile by Incident Type

### **B6 Modelled Base B – Summary**

**Modelled Base B**

24/7 Performance Results

**Modelled Base A**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	81.9%	53.8%	94.3%
Reading	05:46	85.8%	08:03	83.2%	89.5%	87.2%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:38	46.6%	12:47	34.3%	45.1%	40.1%	52.8%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:04	56.6%	10:59	47.8%	66.1%	56.2%	80.7%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:09	70.2%	09:41	62.8%	74.2%	68.8%	77.7%

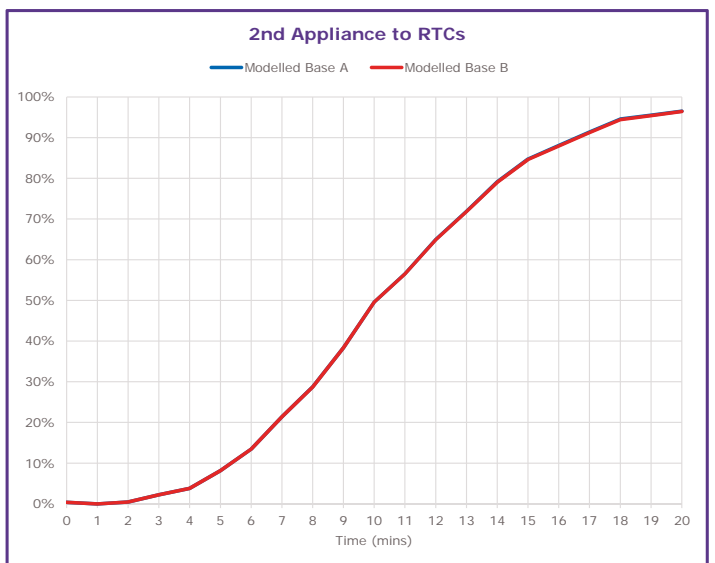
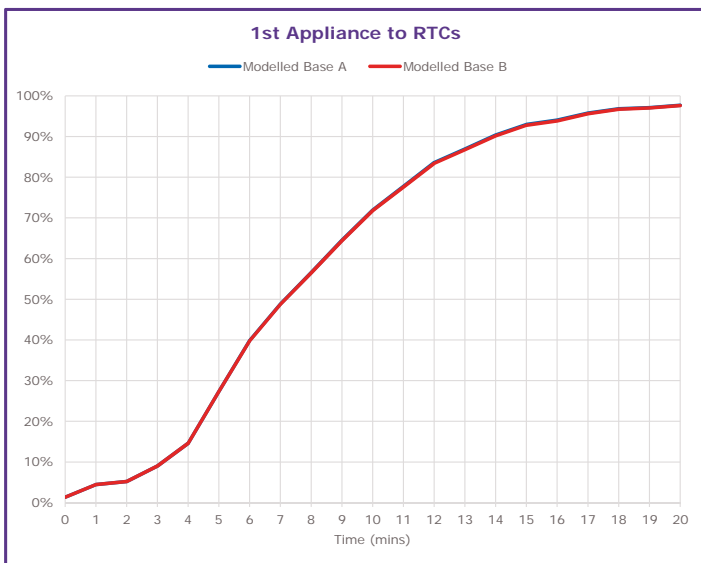
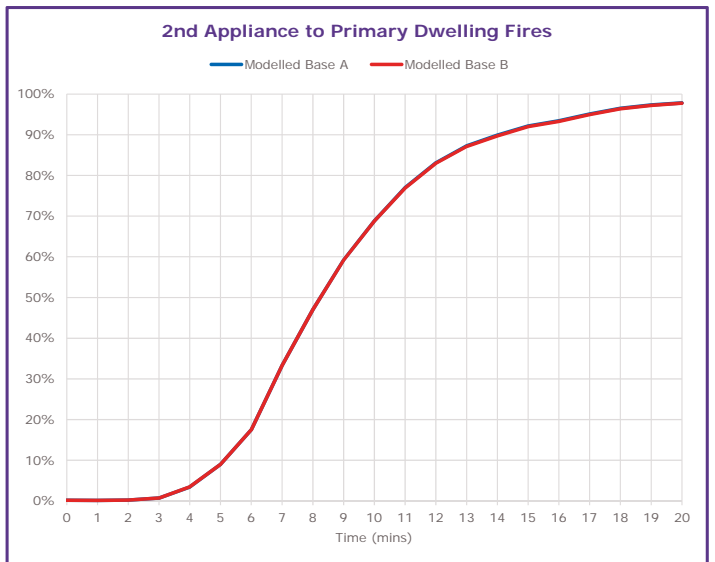
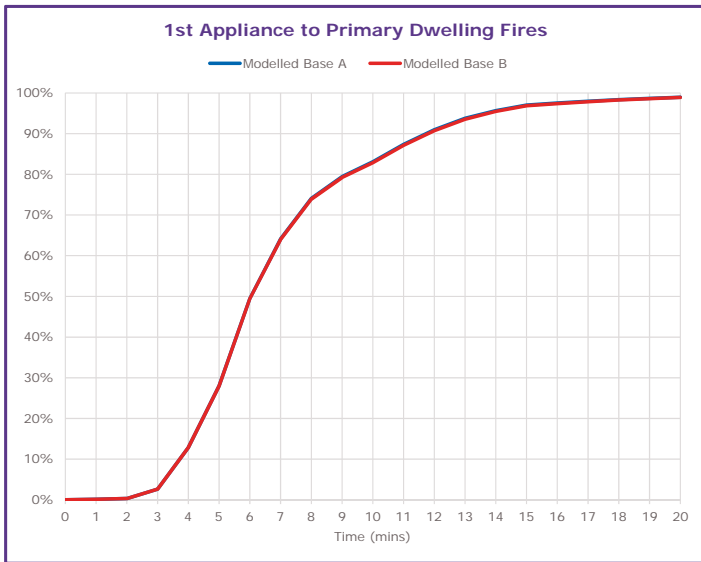
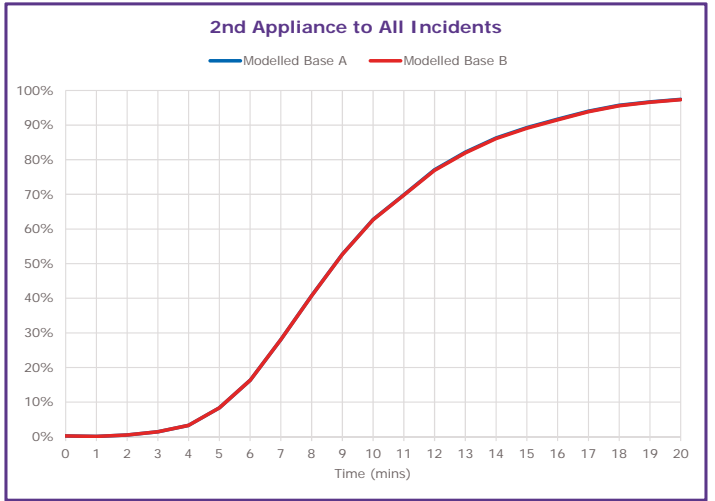
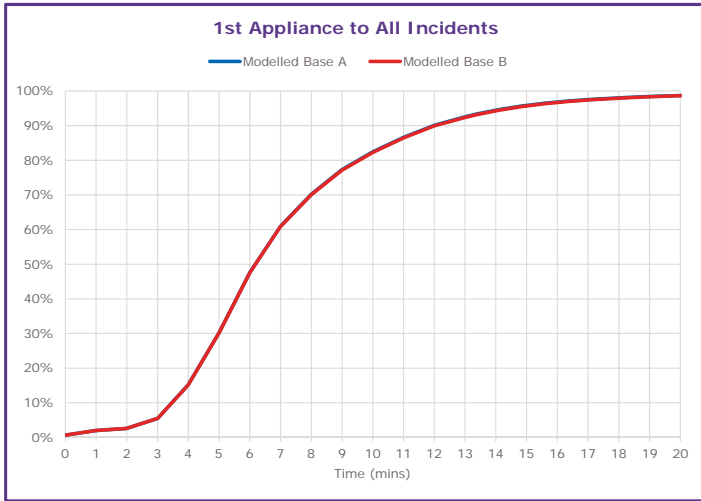
**Modelled Base B**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	81.9%	53.8%	94.3%
Reading	05:47	85.7%	08:04	83.1%	89.5%	87.1%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:45	46.0%	12:53	34.0%	44.4%	39.9%	52.3%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:05	56.6%	10:59	47.8%	66.1%	56.2%	80.7%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:11	70.0%	09:42	62.7%	74.0%	68.8%	77.6%

**Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 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	-0.1%	0.0%	-0.1%	0.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	00:07	-0.6%	00:06	-0.3%	-0.7%	-0.2%	-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%	0.0%	-0.1%





**Modelled Base B: FJY Theale 1&2**

24/7 Performance Results

**Modelled Base B**

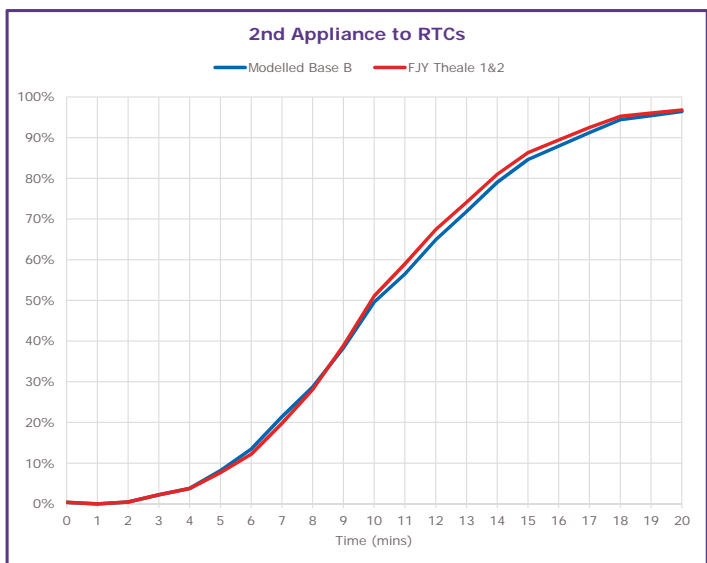
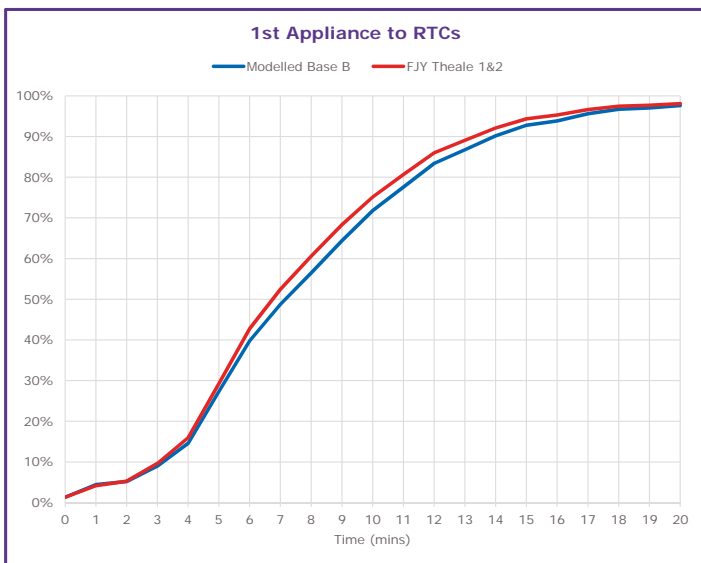
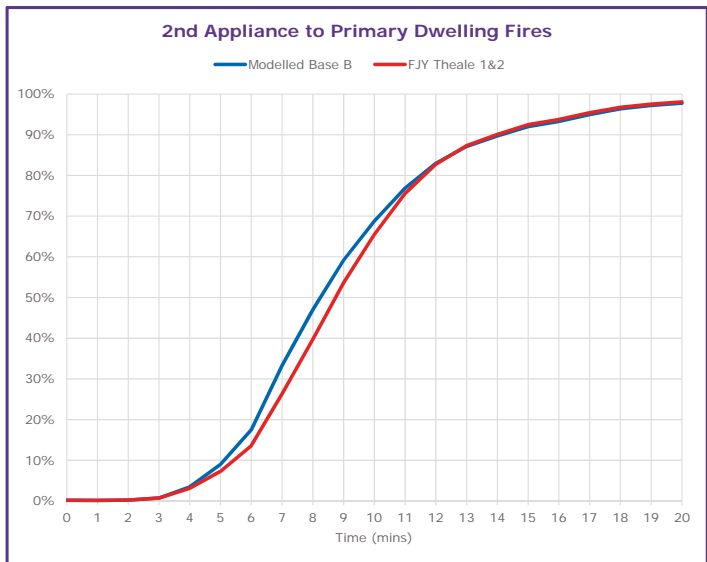
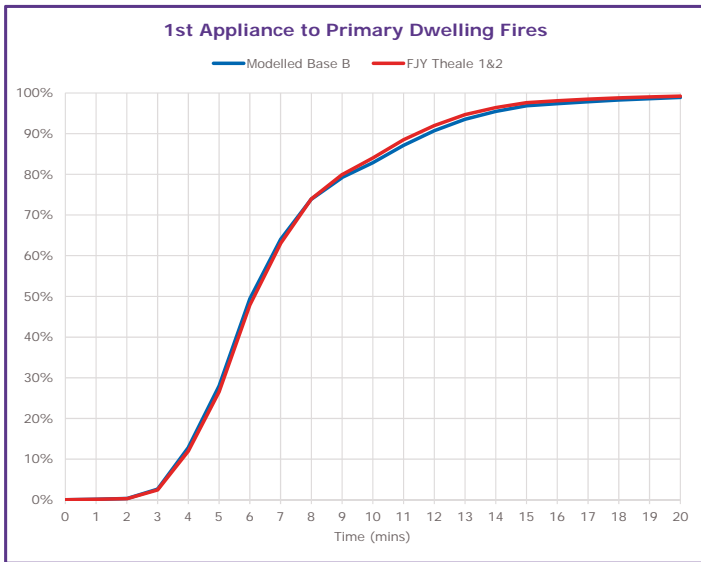
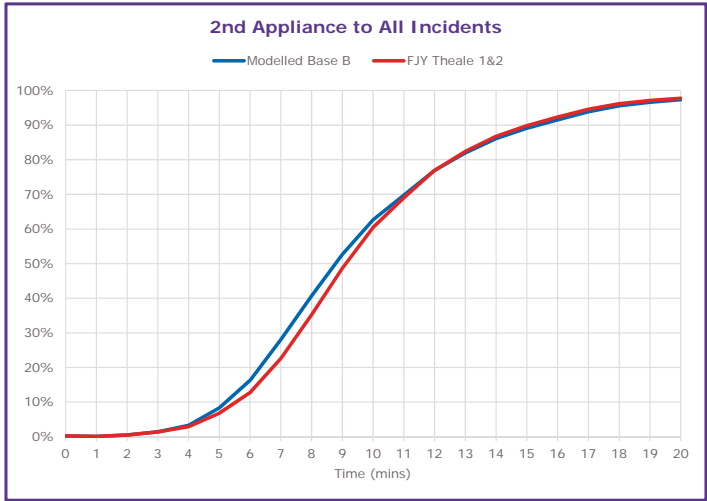
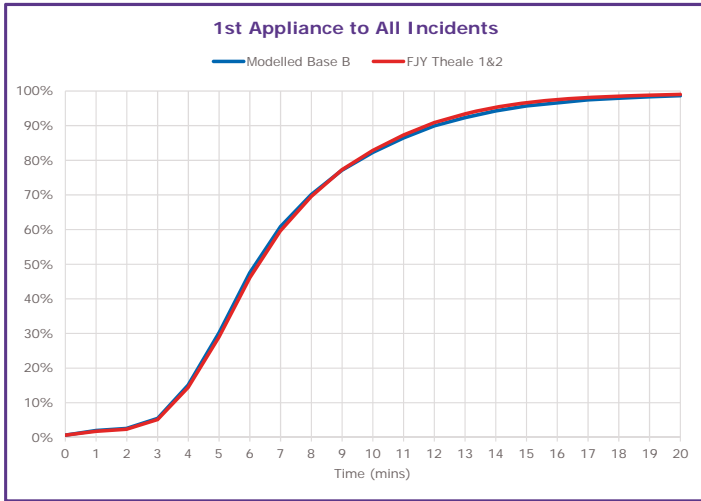
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	81.9%	53.8%	94.3%
Reading	05:47	85.7%	08:04	83.1%	89.5%	87.1%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:45	46.0%	12:53	34.0%	44.4%	39.9%	52.3%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:05	56.6%	10:59	47.8%	66.1%	56.2%	80.7%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:11	70.0%	09:42	62.7%	74.0%	68.8%	77.6%

**FJY Theale 1&2**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	82.0%	53.8%	94.4%
Reading	06:26	76.7%	09:31	67.5%	79.2%	69.3%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	08:46	54.3%	12:15	40.7%	53.1%	45.1%	63.7%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:04	56.9%	10:56	48.2%	66.7%	56.5%	81.1%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:09	69.6%	09:53	60.5%	73.9%	65.5%	80.7%

**Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.0%	0.1%	0.0%	0.1%
Reading	00:39	-9.0%	01:27	-15.6%	-10.3%	-17.8%	0.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:59	8.3%	-00:38	6.7%	8.7%	5.2%	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	0.4%	0.6%	0.3%	0.4%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	-00:02	-0.4%	00:11	-2.2%	-0.1%	-3.3%	3.1%



**Modelled Base B: FJY Theale 3**

24/7 Performance Results

**Modelled Base B**

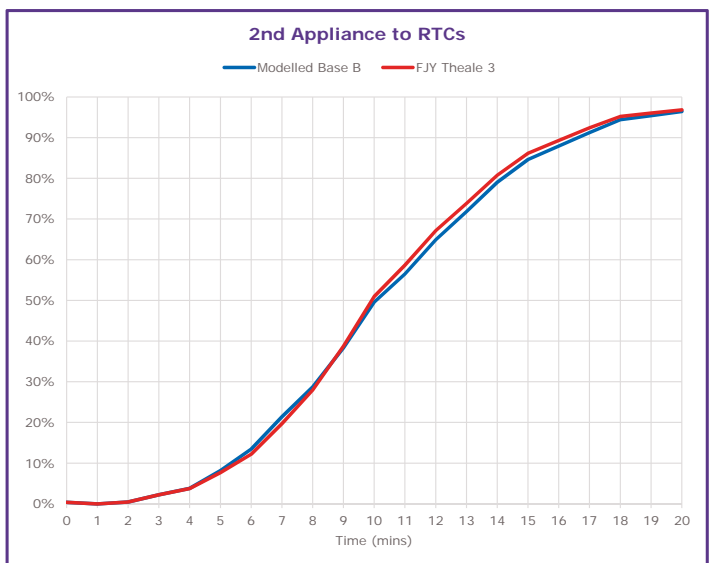
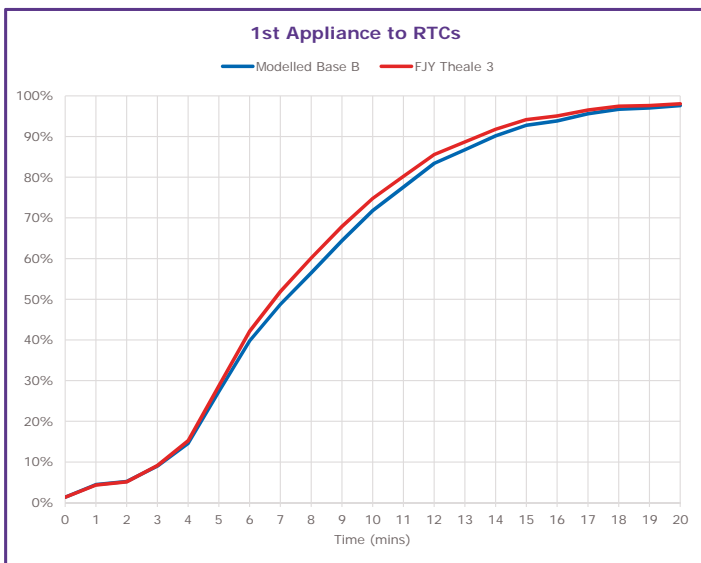
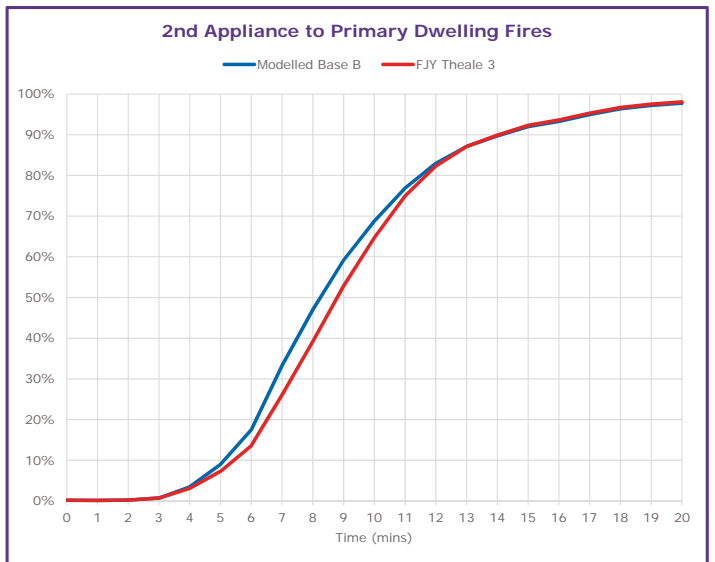
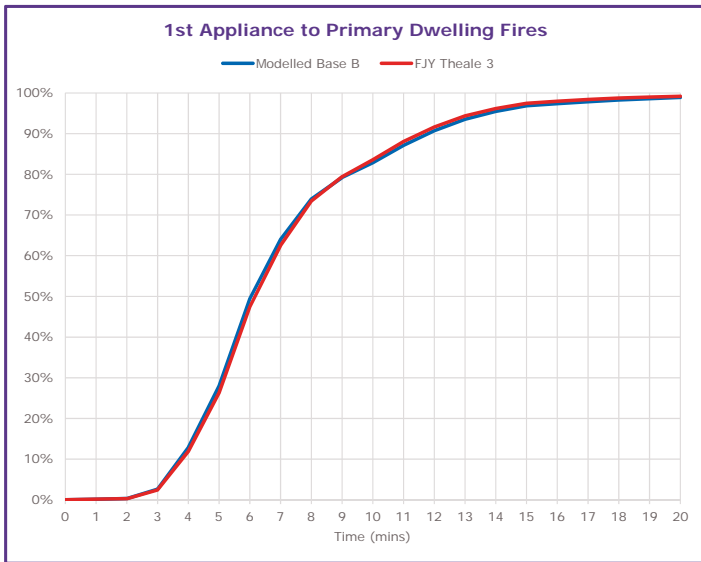
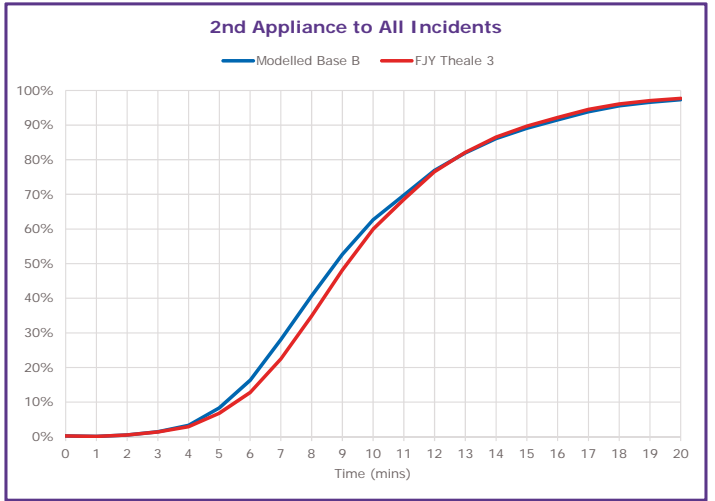
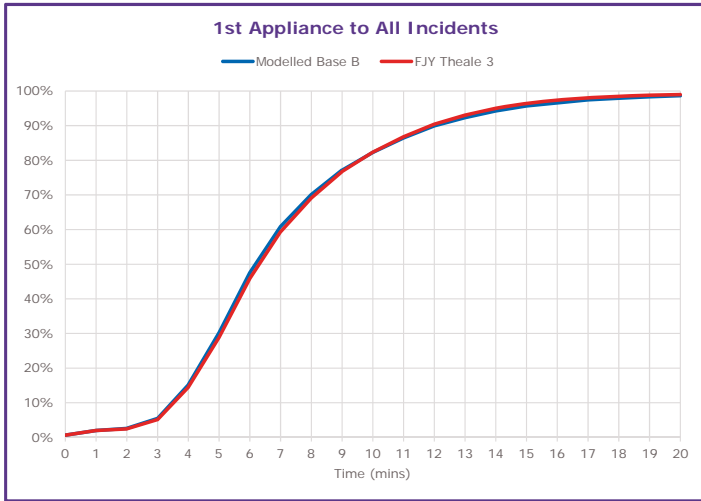
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	81.9%	53.8%	94.3%
Reading	05:47	85.7%	08:04	83.1%	89.5%	87.1%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:45	46.0%	12:53	34.0%	44.4%	39.9%	52.3%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:05	56.6%	10:59	47.8%	66.1%	56.2%	80.7%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:11	70.0%	09:42	62.7%	74.0%	68.8%	77.6%

**FJY Theale 3**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.6%	82.0%	53.8%	94.4%
Reading	06:30	75.4%	09:37	65.3%	77.8%	66.3%	96.5%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	08:55	53.5%	12:17	40.9%	52.3%	44.9%	62.3%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:04	56.7%	10:57	48.0%	66.4%	56.3%	80.8%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:11	69.1%	09:55	59.9%	73.3%	64.7%	80.2%

**Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	-0.1%	0.1%	0.0%	0.1%
Reading	00:43	-10.3%	01:33	-17.8%	-11.7%	-20.8%	-0.4%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:50	7.5%	-00:36	6.9%	7.9%	5.0%	10.0%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	-00:01	0.1%	-00:02	0.2%	0.3%	0.1%	0.1%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:00	-0.9%	00:13	-2.8%	-0.7%	-4.1%	2.6%



**Modelled Base B: FJY Theale 4**

24/7 Performance Results

**Modelled Base B**

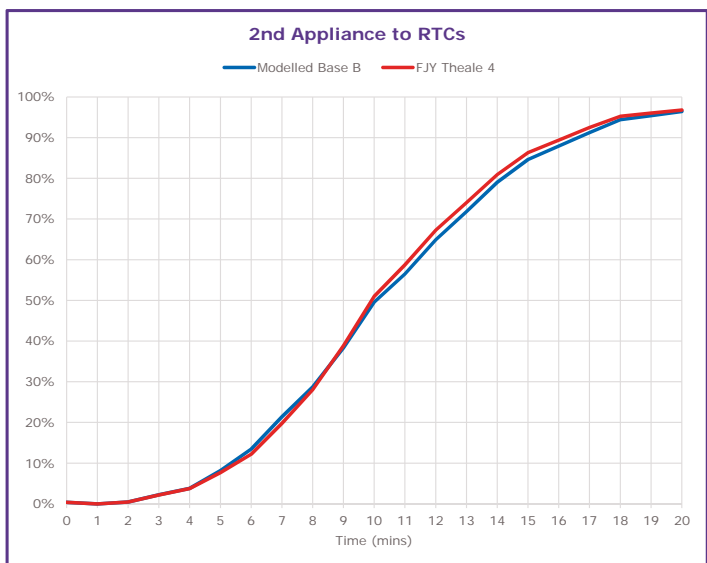
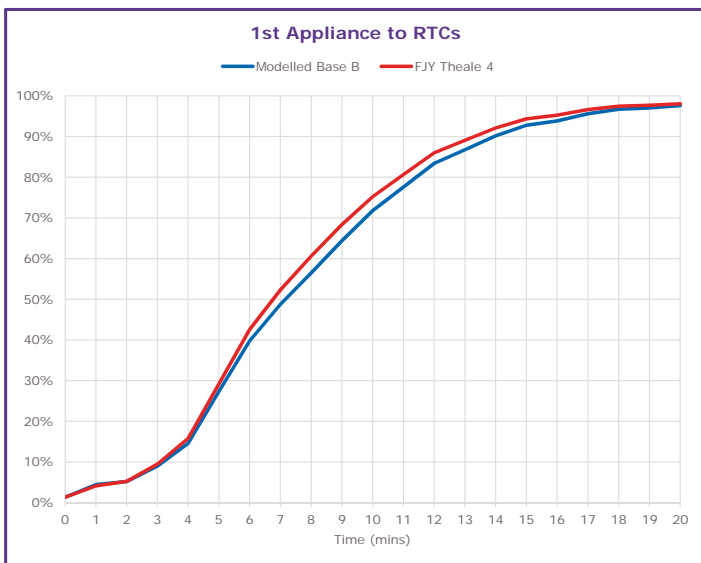
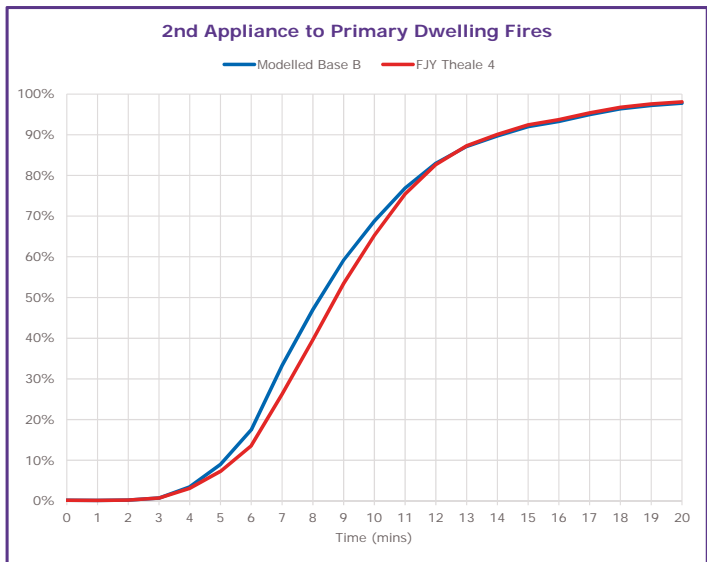
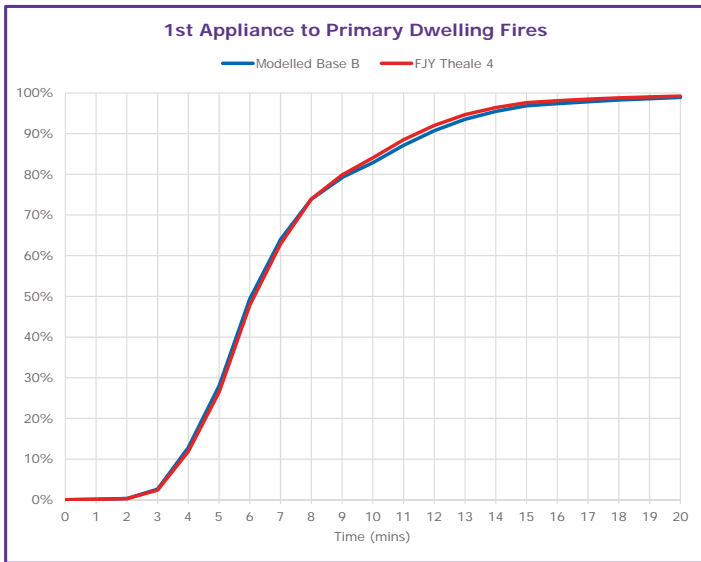
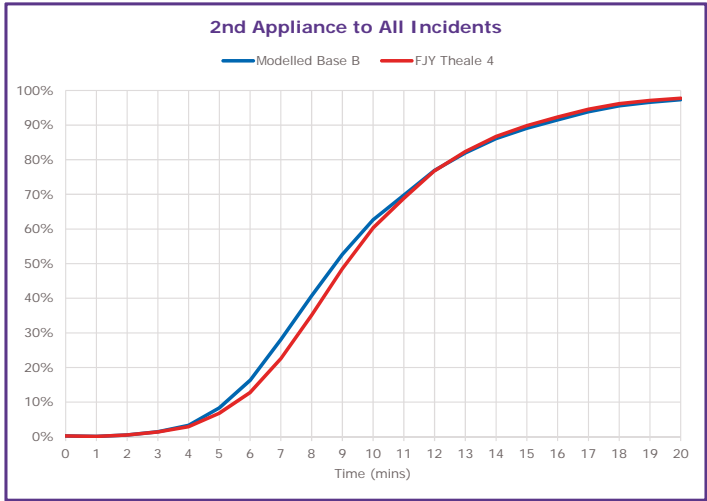
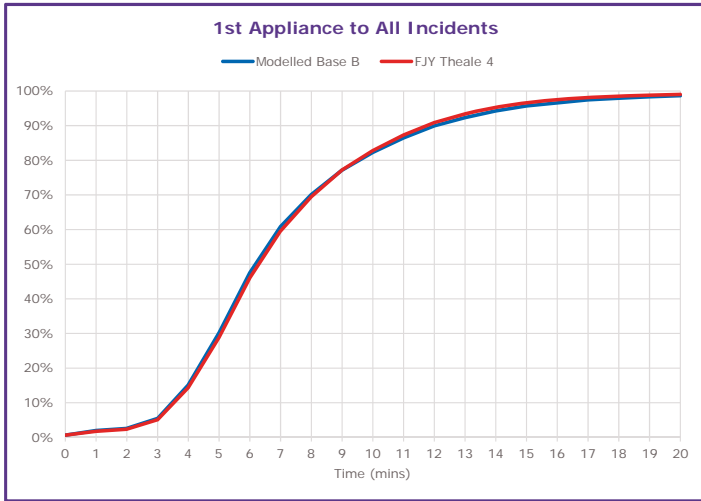
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	81.9%	53.8%	94.3%
Reading	05:47	85.7%	08:04	83.1%	89.5%	87.1%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:45	46.0%	12:53	34.0%	44.4%	39.9%	52.3%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:05	56.6%	10:59	47.8%	66.1%	56.2%	80.7%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:11	70.0%	09:42	62.7%	74.0%	68.8%	77.6%

**FJY Theale 4**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	82.0%	53.8%	94.4%
Reading	06:27	76.1%	09:33	66.7%	78.6%	68.2%	96.8%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	08:46	54.5%	12:14	40.9%	53.5%	45.3%	63.8%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:04	56.9%	10:56	48.1%	66.6%	56.4%	81.0%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:09	69.5%	09:53	60.3%	73.8%	65.3%	80.7%

**Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.0%	0.1%	0.0%	0.1%
Reading	00:40	-9.6%	01:29	-16.4%	-10.9%	-18.9%	-0.1%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:59	8.5%	-00:39	6.9%	9.1%	5.4%	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	0.3%	0.5%	0.2%	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	-2.4%	-0.2%	-3.5%	3.1%



**Modelled Base B: FJY Theale 5**

24/7 Performance Results

**Modelled Base B**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	81.9%	53.8%	94.3%
Reading	05:47	85.7%	08:04	83.1%	89.5%	87.1%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:45	46.0%	12:53	34.0%	44.4%	39.9%	52.3%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:05	56.6%	10:59	47.8%	66.1%	56.2%	80.7%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:11	70.0%	09:42	62.7%	74.0%	68.8%	77.6%

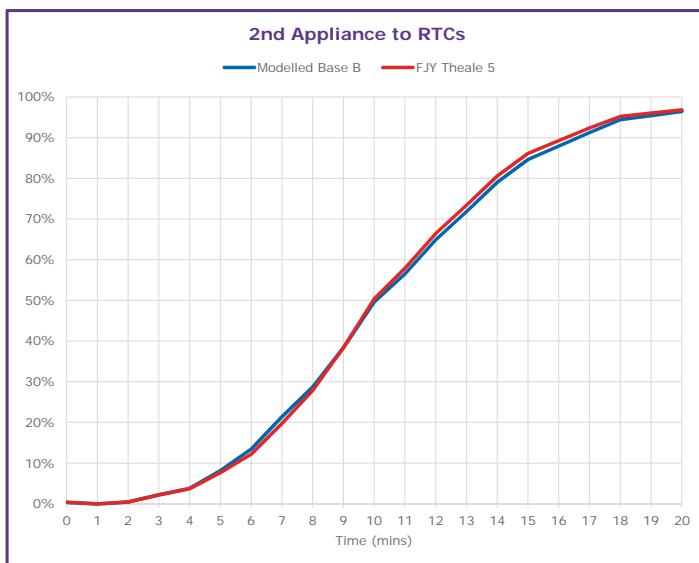
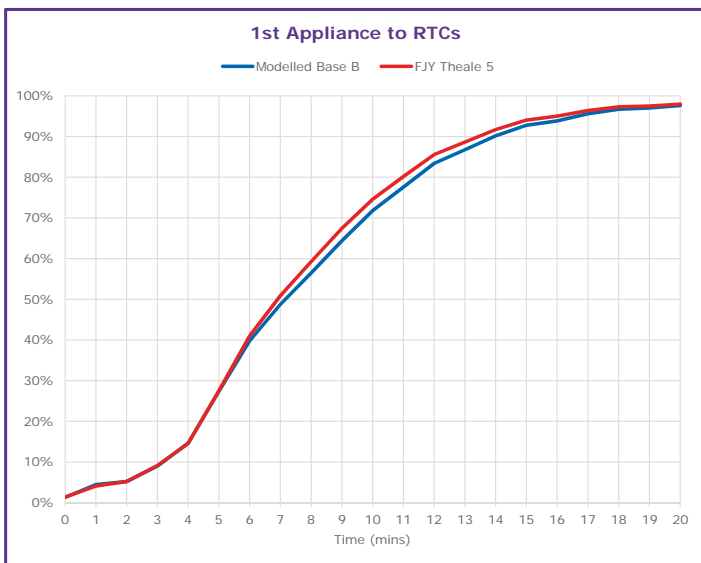
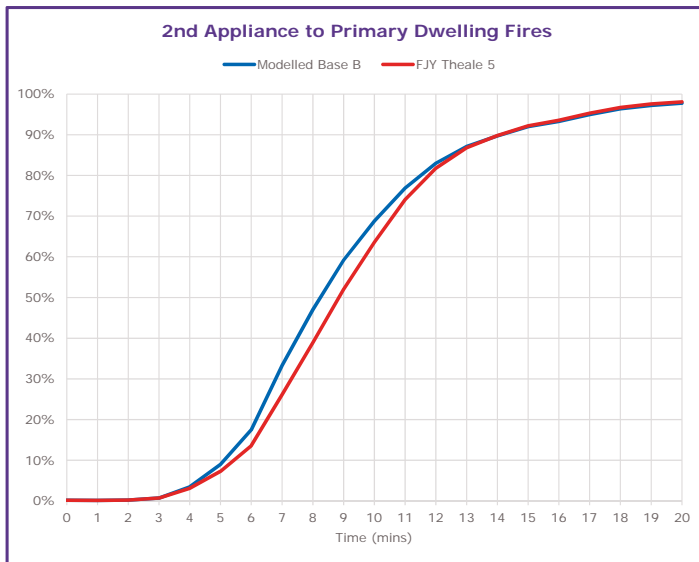
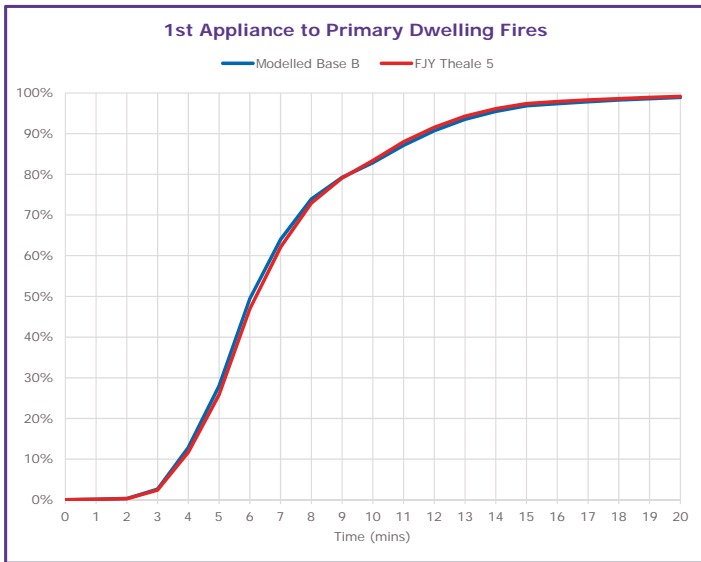
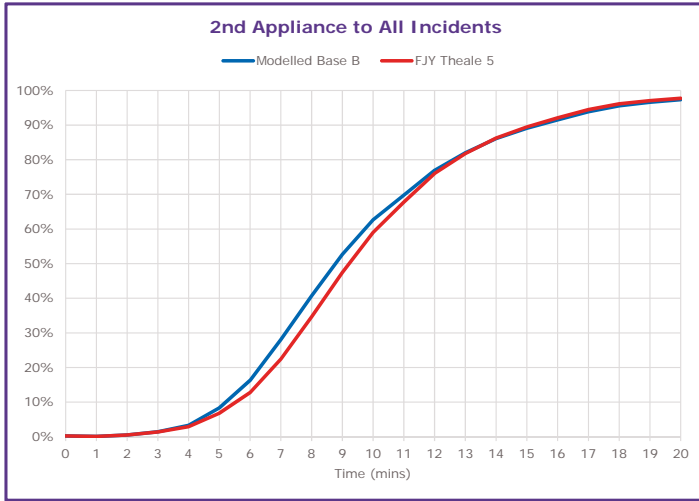
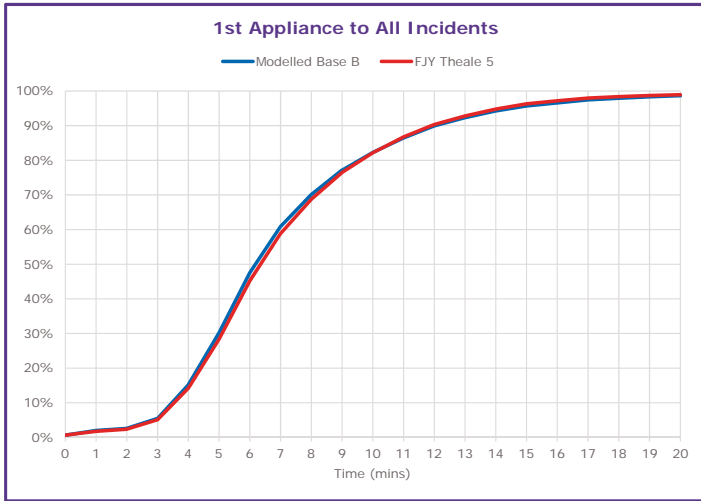
**FJY Theale 5**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.3%	09:43	59.6%	81.9%	53.7%	94.3%
Reading	06:35	74.6%	09:50	61.0%	76.7%	61.1%	95.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:01	53.0%	12:14	41.0%	51.8%	45.8%	62.4%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:05	56.5%	10:59	47.8%	65.8%	56.3%	80.8%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:14	68.7%	09:57	59.0%	72.8%	63.6%	80.2%

**Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	00:00	-0.1%	00:00	-0.1%	0.0%	-0.1%	0.0%
Reading	00:48	-11.1%	01:46	-22.1%	-12.8%	-26.0%	-1.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:44	7.0%	-00:39	7.0%	7.4%	5.9%	10.1%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	00:00	-0.1%	00:00	0.0%	-0.3%	0.1%	0.1%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:03	-1.3%	00:15	-3.7%	-1.2%	-5.2%	2.6%







**Theale Modelling: Modelled Base B**

24/7 Performance Results

**Reading Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Modelled Base B	05:47	85.7%	08:04	83.1%	89.5%	87.1%	96.9%
FJY Theale 1&2	00:39	-9.1%	01:27	-15.6%	-10.2%	-17.8%	0.0%
FJY Theale 3	00:43	-10.3%	01:33	-17.8%	-11.6%	-20.8%	-0.4%
FJY Theale 4	00:41	-9.6%	01:29	-16.4%	-10.9%	-18.9%	-0.1%
FJY Theale 5	00:48	-11.1%	01:45	-22.1%	-12.8%	-26.0%	-1.0%

**West Berkshire Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Modelled Base B	09:45	46.0%	12:53	34.0%	44.4%	39.9%	52.3%
FJY Theale 1&2	-00:59	8.3%	-00:38	6.7%	8.7%	5.3%	11.5%
FJY Theale 3	-00:50	7.5%	-00:36	6.8%	7.9%	5.0%	10.0%
FJY Theale 4	-00:59	8.5%	-00:39	6.8%	9.1%	5.5%	11.6%
FJY Theale 5	-00:44	6.9%	-00:38	7.0%	7.4%	6.0%	10.2%

**Service-wide Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Modelled Base B	07:11	70.0%	09:42	62.7%	74.0%	68.8%	77.6%
FJY Theale 1&2	-00:02	-0.5%	00:11	-2.2%	-0.2%	-3.3%	3.1%
FJY Theale 3	00:01	-1.0%	00:12	-2.7%	-0.7%	-4.1%	2.6%
FJY Theale 4	-00:01	-0.6%	00:11	-2.4%	-0.2%	-3.5%	3.1%
FJY Theale 5	00:03	-1.3%	00:15	-3.7%	-1.2%	-5.2%	2.6%



## **C Modelling Results – Base C**

### **C1 Modelled Base C (vs. Base A)**

**C1a** Response Performance by District

**C1b** Cumulative Response Profile by Incident Type

### **C2 FJY Theale 1/2**

**C2a** Response Performance by District

**C2b** Cumulative Response Profile by Incident Type

### **C3 FJY Theale 3**

**C3a** Response Performance by District

**C3b** Cumulative Response Profile by Incident Type

### **C4 FJY Theale 4**

**C4a** Response Performance by District

**C4b** Cumulative Response Profile by Incident Type

### **C5 FJY Theale 5**

**C5a** Response Performance by District

**C5b** Cumulative Response Profile by Incident Type

### **C6 Modelled Base C – Summary**

**Modelled Base C**

24/7 Performance Results

**Modelled Base A**

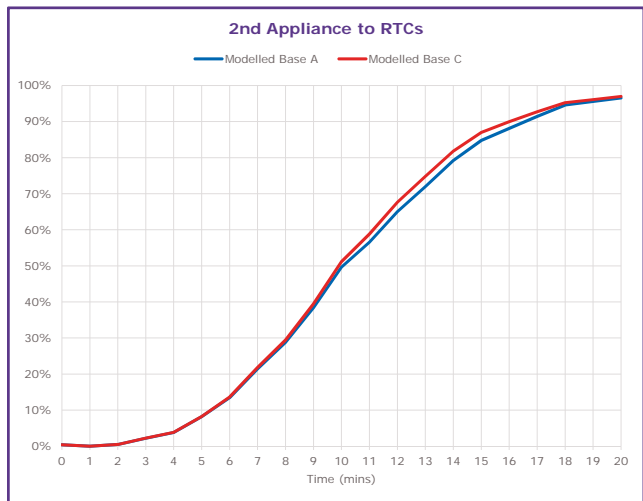
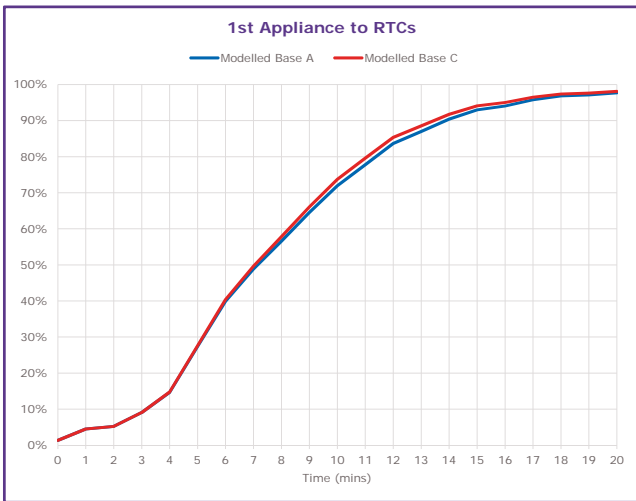
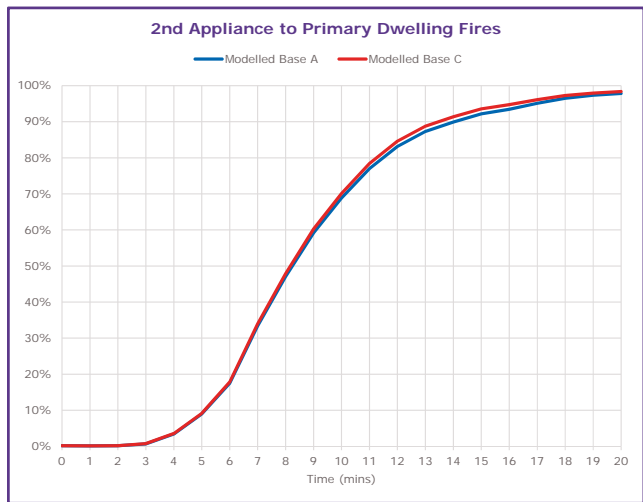
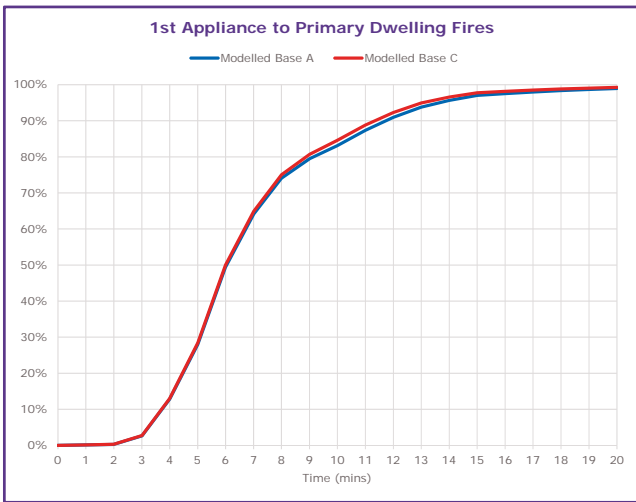
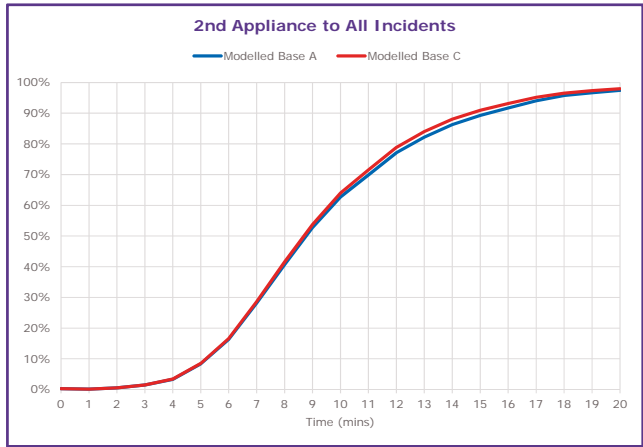
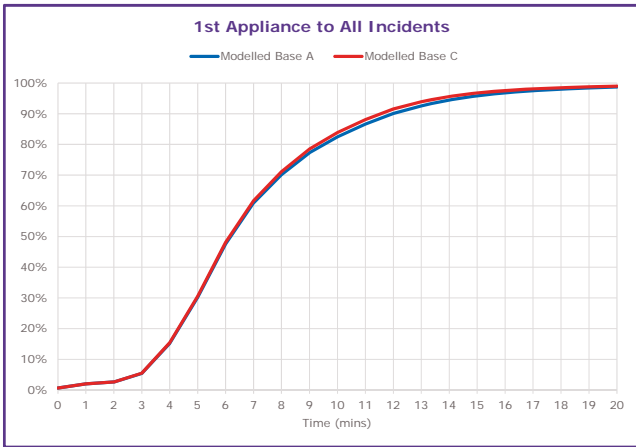
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:16	79.4%	09:43	59.7%	81.9%	53.8%	94.3%
Reading	05:46	85.8%	08:03	83.2%	89.5%	87.2%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:38	46.6%	12:47	34.3%	45.1%	40.1%	52.8%
Windsor and Maidenhead	06:52	68.4%	09:25	62.6%	69.8%	64.0%	86.2%
Wokingham	08:04	56.6%	10:59	47.8%	66.1%	56.2%	80.7%
South Buckinghamshire	10:11	46.5%	11:31	45.6%	43.8%	70.3%	70.2%
Service-Wide	07:09	70.2%	09:41	62.8%	74.2%	68.8%	77.7%

**Modelled Base C**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:04	80.8%	09:28	61.6%	83.4%	56.4%	95.2%
Reading	05:46	85.9%	08:03	83.2%	89.6%	87.2%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:13	48.7%	12:29	34.8%	47.5%	40.5%	57.1%
Windsor and Maidenhead	06:49	68.6%	09:01	66.1%	70.0%	68.3%	86.5%
Wokingham	07:44	60.2%	10:42	49.8%	68.9%	57.9%	84.1%
South Buckinghamshire	10:10	46.5%	11:19	47.5%	43.9%	71.1%	70.4%
Service-Wide	07:00	71.1%	09:30	64.0%	75.1%	70.1%	79.6%

**Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	-00:12	1.4%	-00:15	1.9%	1.5%	2.6%	0.9%
Reading	00:00	0.1%	00:00	0.0%	0.1%	0.0%	0.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:25	2.1%	-00:18	0.5%	2.4%	0.4%	4.3%
Windsor and Maidenhead	-00:03	0.2%	-00:24	3.5%	0.2%	4.3%	0.3%
Wokingham	-00:20	3.6%	-00:17	2.0%	2.8%	1.7%	3.4%
South Buckinghamshire	-00:01	0.0%	-00:12	1.9%	0.1%	0.8%	0.2%
Service-Wide	-00:09	0.9%	-00:11	1.2%	0.9%	1.3%	1.9%



**Modelled Base C: FJY Theale 1&2**

24/7 Performance Results

**Modelled Base C**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:04	80.8%	09:28	61.6%	83.4%	56.4%	95.2%
Reading	05:46	85.9%	08:03	83.2%	89.6%	87.2%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:13	48.7%	12:29	34.8%	47.5%	40.5%	57.1%
Windsor and Maidenhead	06:49	68.6%	09:01	66.1%	70.0%	68.3%	86.5%
Wokingham	07:44	60.2%	10:42	49.8%	68.9%	57.9%	84.1%
South Buckinghamshire	10:10	46.5%	11:19	47.5%	43.9%	71.1%	70.4%
Service-Wide	07:00	71.1%	09:30	64.0%	75.1%	70.1%	79.6%

**FJY Theale 1&2**

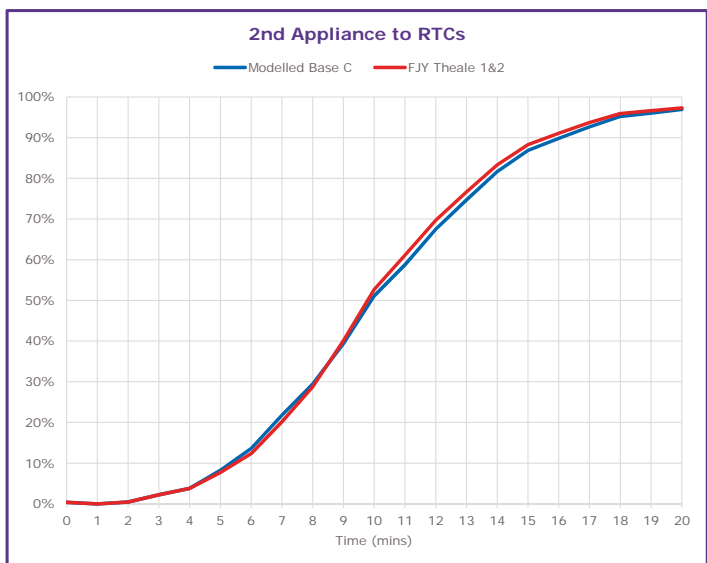
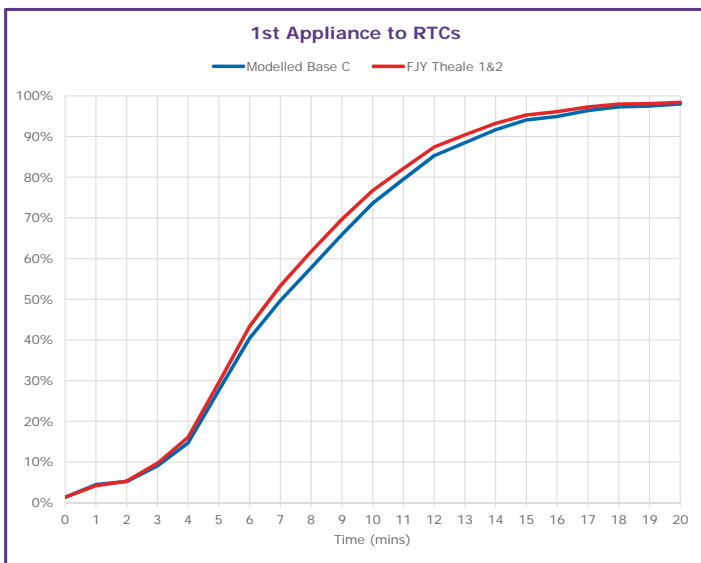
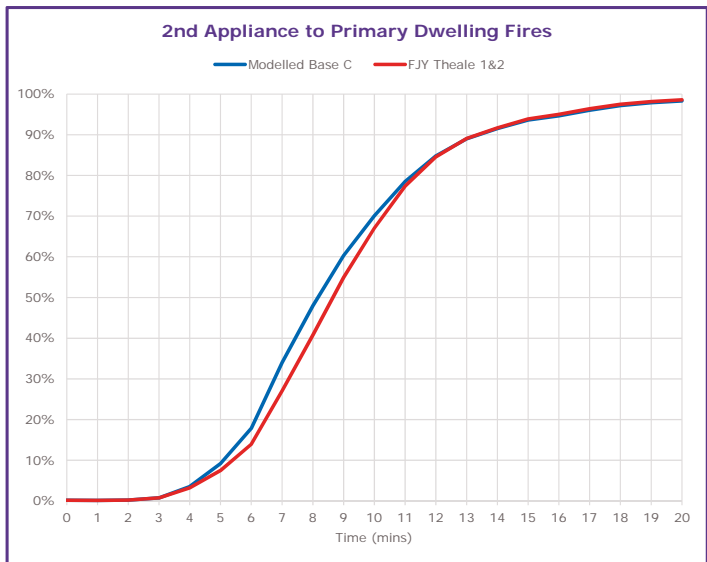
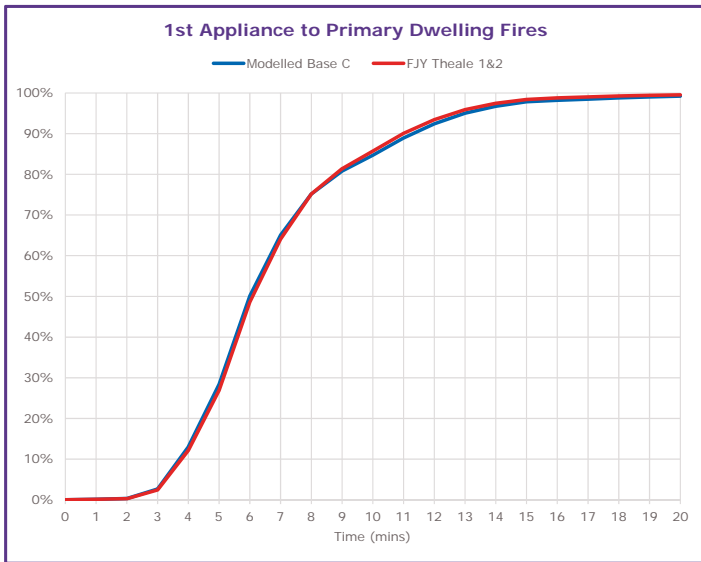
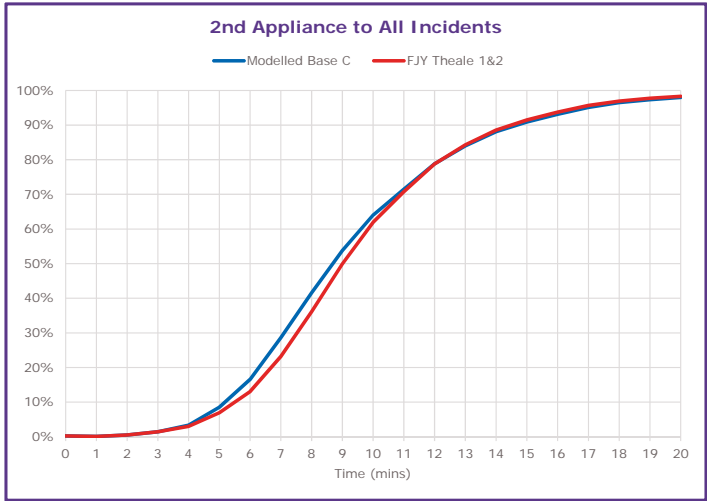
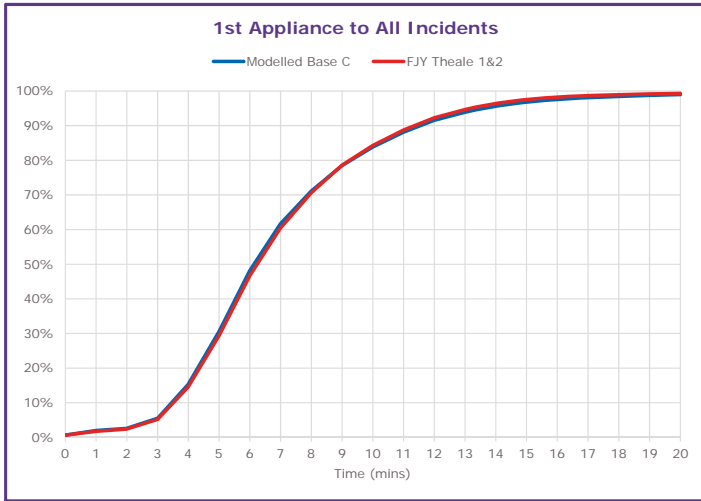
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:04	80.8%	09:28	61.7%	83.4%	56.4%	95.3%
Reading	06:25	76.8%	09:30	67.6%	79.3%	69.4%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	08:21	56.9%	11:54	42.2%	56.0%	46.8%	66.9%
Windsor and Maidenhead	06:49	68.6%	09:01	66.1%	70.0%	68.3%	86.5%
Wokingham	07:43	60.5%	10:40	50.1%	69.5%	58.1%	84.5%
South Buckinghamshire	10:10	46.5%	11:19	47.5%	43.9%	71.1%	70.4%
Service-Wide	07:00	70.6%	09:41	61.9%	74.9%	67.0%	82.2%

**Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.1%	0.0%	0.0%	0.1%
Reading	00:39	-9.1%	01:27	-15.6%	-10.3%	-17.8%	0.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:52	8.2%	-00:35	7.4%	8.5%	6.3%	9.8%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	-00:01	0.3%	-00:02	0.3%	0.6%	0.2%	0.4%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:00	-0.5%	00:11	-2.1%	-0.2%	-3.1%	2.6%



Berkshire Fire  
Modelled Base C: FJY Theale 1&2  
Response Distributions



**Modelled Base C: FJY Theale 3**24/7 Performance Results**Modelled Base C**

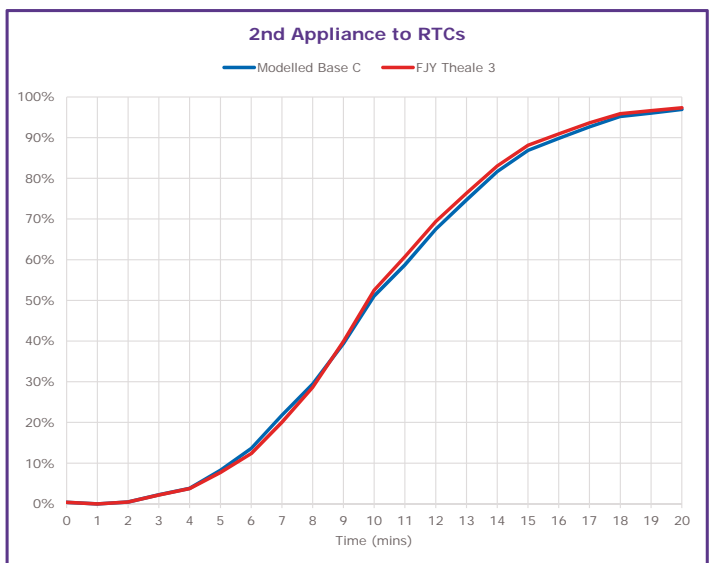
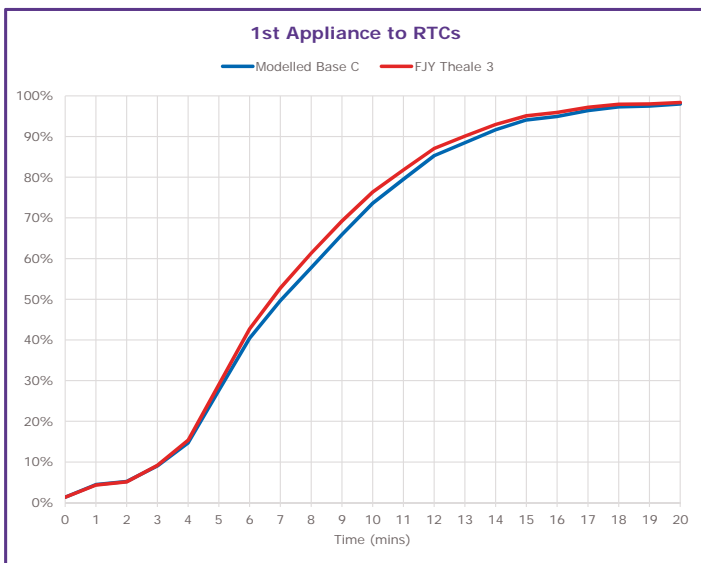
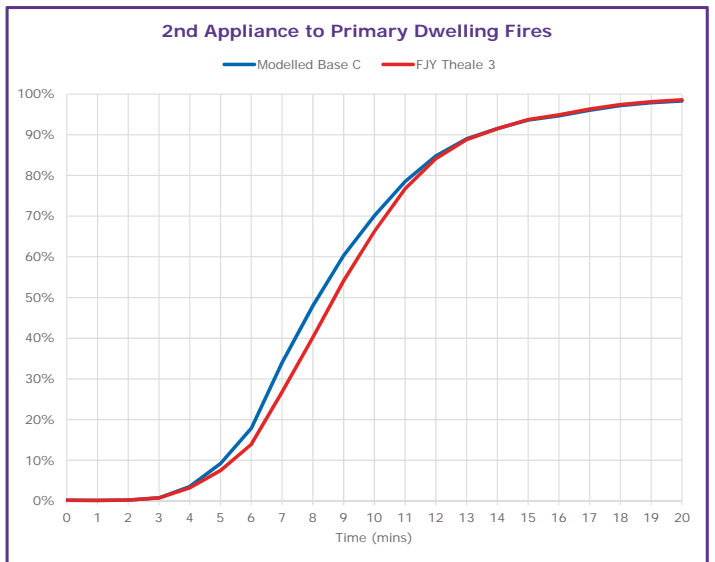
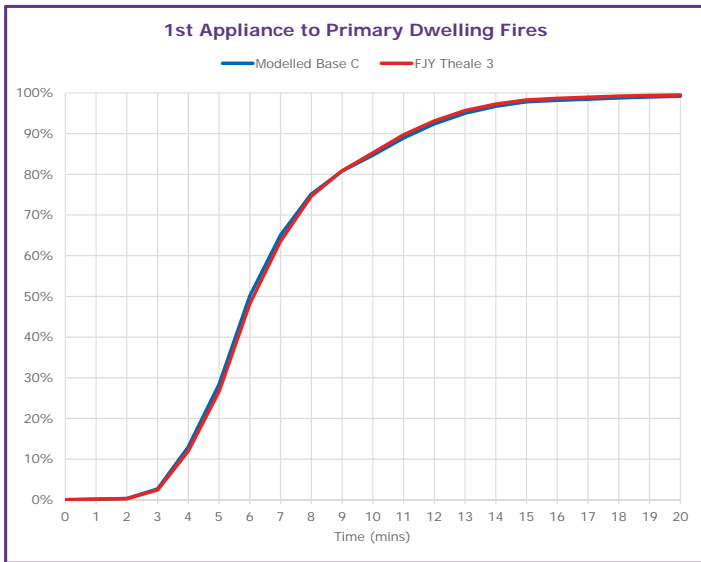
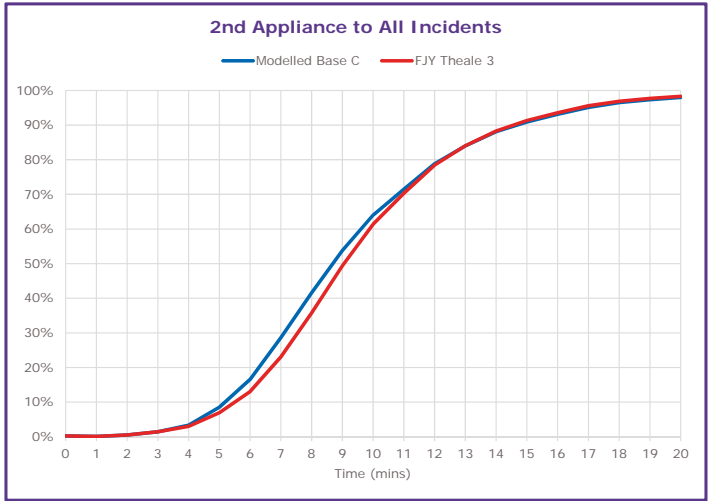
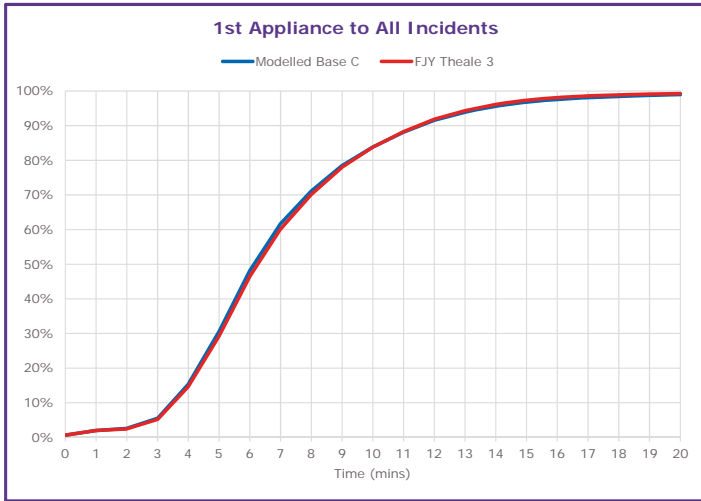
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:04	80.8%	09:28	61.6%	83.4%	56.4%	95.2%
Reading	05:46	85.9%	08:03	83.2%	89.6%	87.2%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:13	48.7%	12:29	34.8%	47.5%	40.5%	57.1%
Windsor and Maidenhead	06:49	68.6%	09:01	66.1%	70.0%	68.3%	86.5%
Wokingham	07:44	60.2%	10:42	49.8%	68.9%	57.9%	84.1%
South Buckinghamshire	10:10	46.5%	11:19	47.5%	43.9%	71.1%	70.4%
Service-Wide	07:00	71.1%	09:30	64.0%	75.1%	70.1%	79.6%

**FJY Theale 3**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:04	80.8%	09:29	61.6%	83.4%	56.3%	95.3%
Reading	06:29	75.5%	09:36	65.4%	77.9%	66.4%	96.6%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	08:29	56.1%	11:57	42.1%	55.3%	46.5%	65.7%
Windsor and Maidenhead	06:49	68.6%	09:01	66.1%	70.0%	68.3%	86.5%
Wokingham	07:43	60.3%	10:41	49.9%	69.2%	57.9%	84.2%
South Buckinghamshire	10:10	46.5%	11:19	47.5%	43.9%	71.1%	70.4%
Service-Wide	07:02	70.1%	09:43	61.4%	74.4%	66.2%	81.8%

**Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:01	0.0%	0.0%	-0.1%	0.1%
Reading	00:43	-10.4%	01:33	-17.8%	-11.7%	-20.8%	-0.3%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:44	7.4%	-00:32	7.3%	7.8%	6.0%	8.6%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	-00:01	0.1%	-00:01	0.1%	0.3%	0.0%	0.1%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:02	-1.0%	00:13	-2.6%	-0.7%	-3.9%	2.2%



**Modelled Base C: FJY Theale 4**24/7 Performance Results**Modelled Base C**

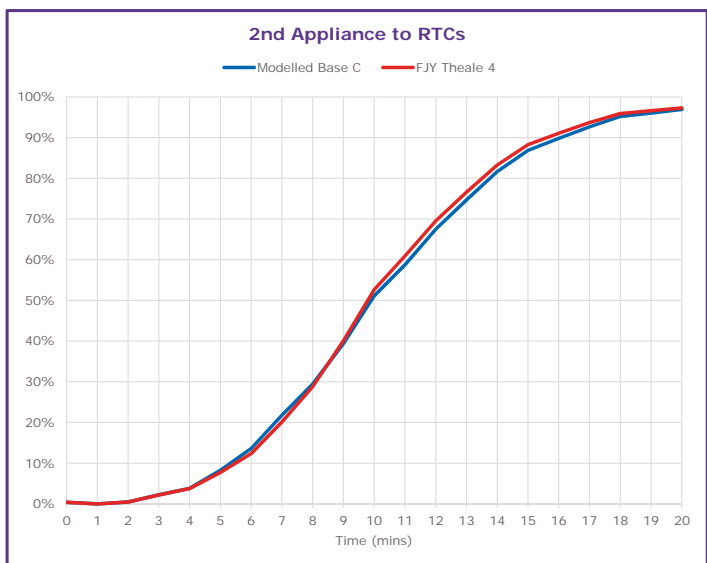
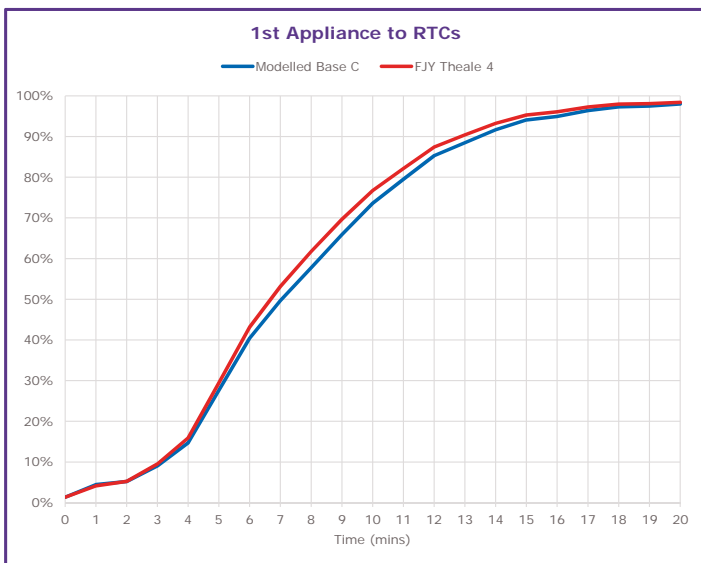
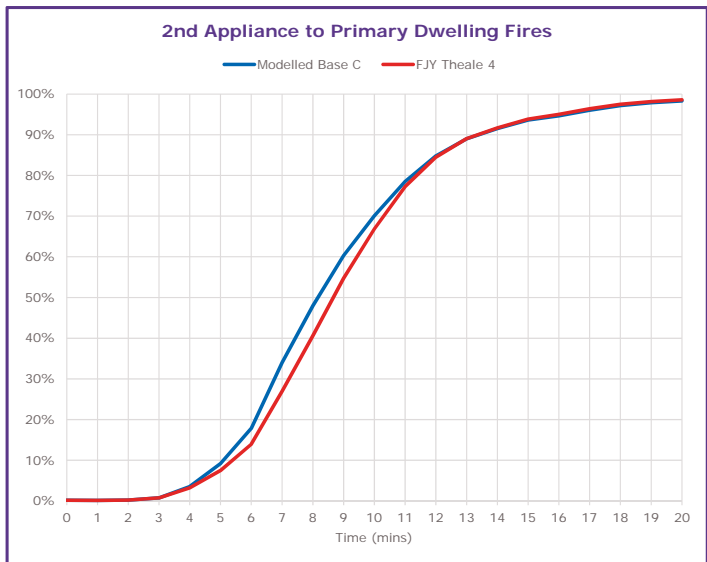
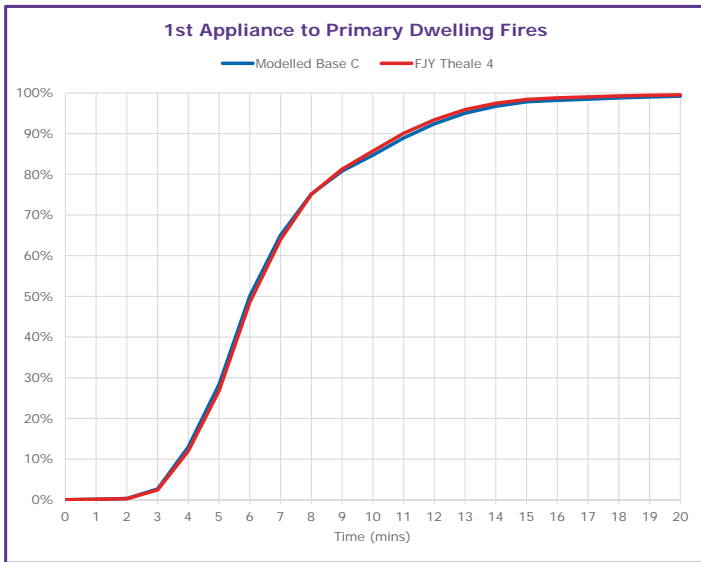
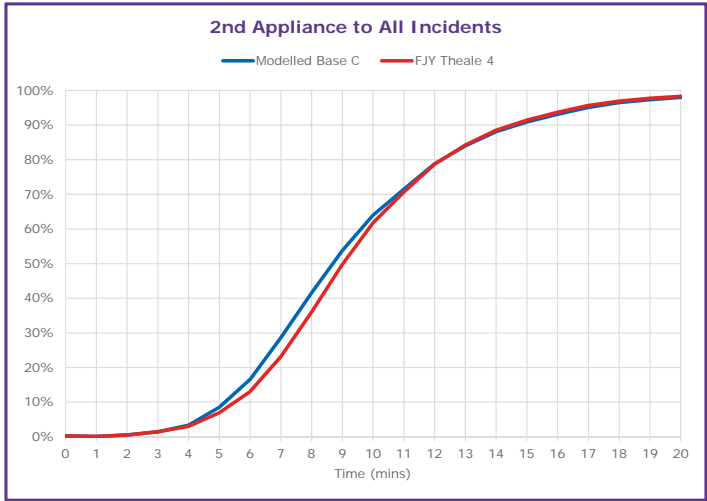
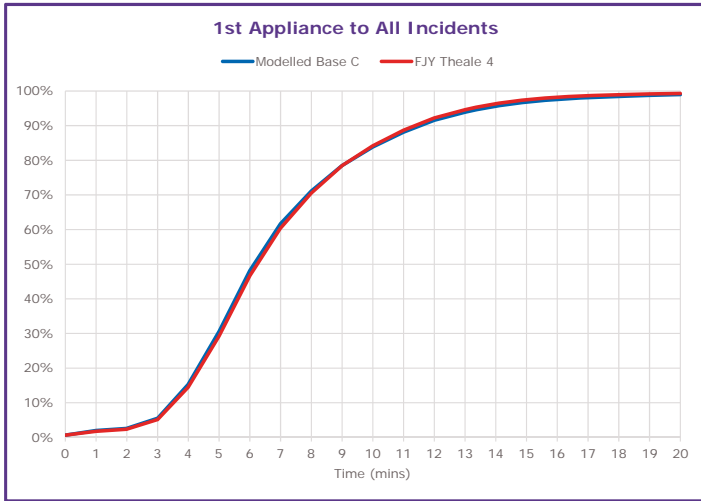
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:04	80.8%	09:28	61.6%	83.4%	56.4%	95.2%
Reading	05:46	85.9%	08:03	83.2%	89.6%	87.2%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:13	48.7%	12:29	34.8%	47.5%	40.5%	57.1%
Windsor and Maidenhead	06:49	68.6%	09:01	66.1%	70.0%	68.3%	86.5%
Wokingham	07:44	60.2%	10:42	49.8%	68.9%	57.9%	84.1%
South Buckinghamshire	10:10	46.5%	11:19	47.5%	43.9%	71.1%	70.4%
Service-Wide	07:00	71.1%	09:30	64.0%	75.1%	70.1%	79.6%

**FJY Theale 4**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:04	80.8%	09:28	61.7%	83.4%	56.4%	95.3%
Reading	06:27	76.2%	09:32	66.8%	78.6%	68.3%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	08:22	57.1%	11:53	42.5%	56.4%	47.2%	66.9%
Windsor and Maidenhead	06:49	68.6%	09:01	66.1%	70.0%	68.3%	86.5%
Wokingham	07:43	60.4%	10:40	50.0%	69.4%	58.0%	84.4%
South Buckinghamshire	10:10	46.5%	11:19	47.5%	43.9%	71.1%	70.4%
Service-Wide	07:00	70.5%	09:42	61.8%	74.9%	66.8%	82.2%

**Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	00:00	0.0%	00:00	0.1%	0.0%	0.0%	0.1%
Reading	00:41	-9.7%	01:29	-16.4%	-11.0%	-18.9%	0.0%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:51	8.4%	-00:36	7.7%	8.9%	6.7%	9.8%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	-00:01	0.2%	-00:02	0.2%	0.5%	0.1%	0.3%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:00	-0.6%	00:12	-2.2%	-0.2%	-3.3%	2.6%



**Modelled Base C: FJY Theale 5**

24/7 Performance Results

**Modelled Base C**

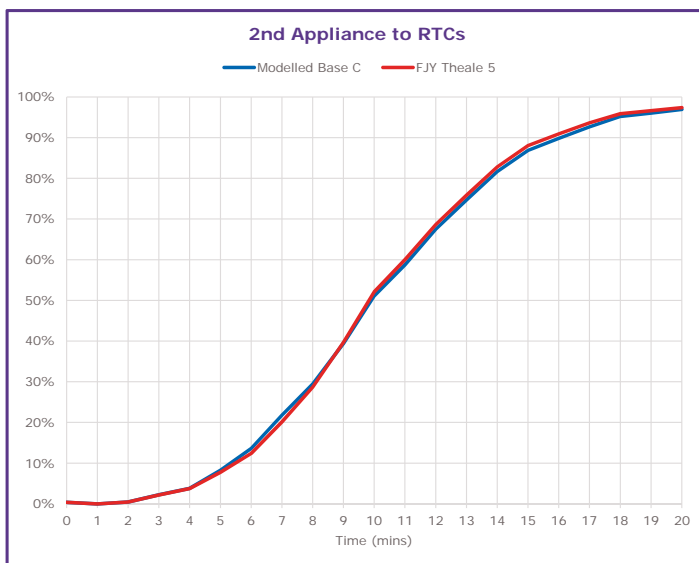
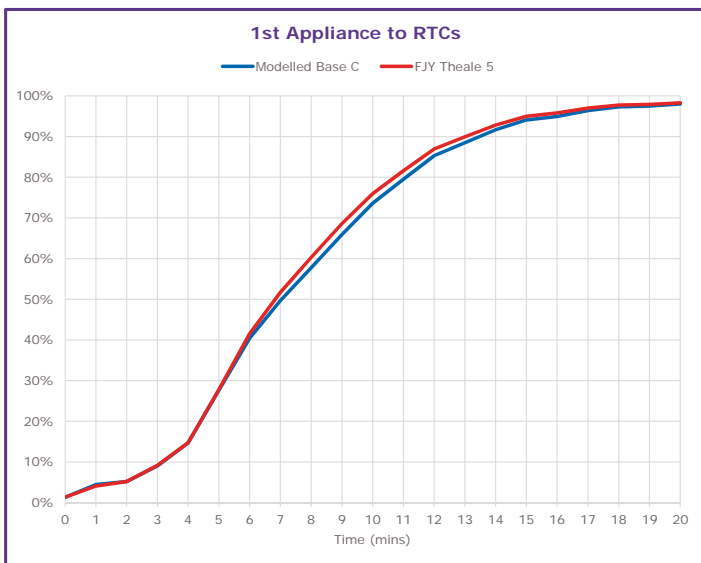
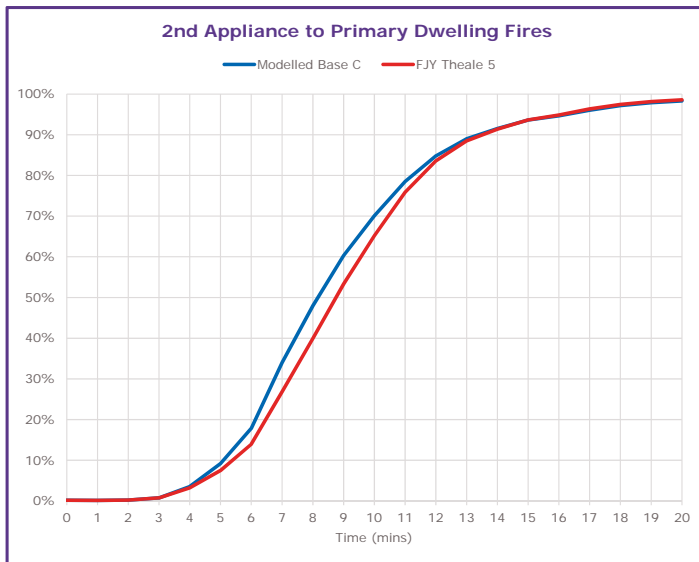
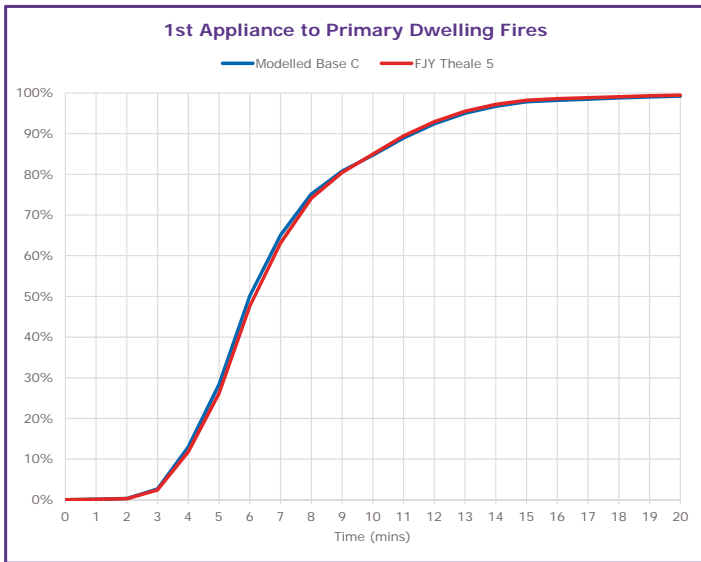
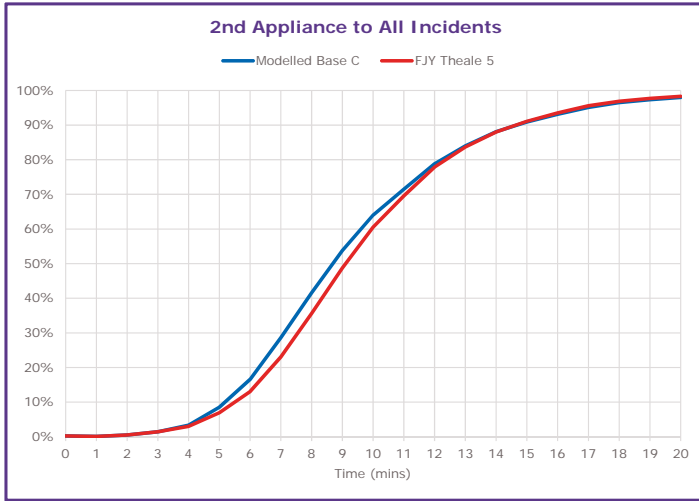
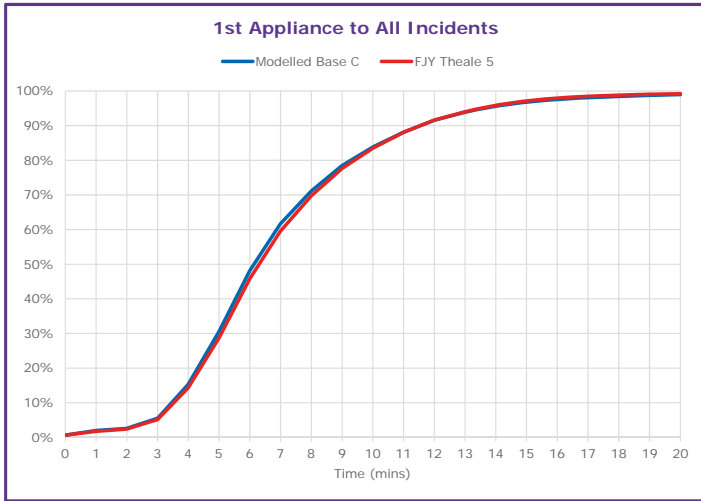
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:04	80.8%	09:28	61.6%	83.4%	56.4%	95.2%
Reading	05:46	85.9%	08:03	83.2%	89.6%	87.2%	96.9%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	09:13	48.7%	12:29	34.8%	47.5%	40.5%	57.1%
Windsor and Maidenhead	06:49	68.6%	09:01	66.1%	70.0%	68.3%	86.5%
Wokingham	07:44	60.2%	10:42	49.8%	68.9%	57.9%	84.1%
South Buckinghamshire	10:10	46.5%	11:19	47.5%	43.9%	71.1%	70.4%
Service-Wide	07:00	71.1%	09:30	64.0%	75.1%	70.1%	79.6%

**FJY Theale 5**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	06:04	80.7%	09:29	61.6%	83.4%	56.3%	95.2%
Reading	06:34	74.7%	09:49	61.1%	76.8%	61.2%	96.0%
Slough	06:00	84.5%	07:33	81.0%	94.5%	86.3%	85.8%
West Berkshire	08:39	55.2%	11:54	42.8%	54.6%	47.8%	65.4%
Windsor and Maidenhead	06:49	68.6%	09:01	66.1%	70.0%	68.3%	86.5%
Wokingham	07:44	60.0%	10:42	49.7%	68.7%	57.9%	84.2%
South Buckinghamshire	10:10	46.5%	11:19	47.5%	43.9%	71.1%	70.4%
Service-Wide	07:05	69.7%	09:45	60.5%	73.8%	65.2%	81.6%

**Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Bracknell Forest	00:00	-0.1%	00:01	0.0%	0.0%	-0.1%	0.0%
Reading	00:48	-11.2%	01:46	-22.1%	-12.8%	-26.0%	-0.9%
Slough	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
West Berkshire	-00:34	6.5%	-00:35	8.0%	7.1%	7.3%	8.3%
Windsor and Maidenhead	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Wokingham	00:00	-0.2%	00:00	-0.1%	-0.2%	0.0%	0.1%
South Buckinghamshire	00:00	0.0%	00:00	0.0%	0.0%	0.0%	0.0%
Service-Wide	00:05	-1.4%	00:15	-3.5%	-1.3%	-4.9%	2.0%







**Theale Modelling: Modelled Base C**

24/7 Performance Results

**Reading Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Modelled Base C	05:46	85.9%	08:03	83.2%	89.6%	87.2%	96.9%
FJY Theale 1&2	00:39	-9.1%	01:27	-15.7%	-10.2%	-17.8%	0.0%
FJY Theale 3	00:43	-10.3%	01:33	-17.8%	-11.6%	-20.8%	-0.3%
FJY Theale 4	00:41	-9.7%	01:29	-16.4%	-10.9%	-18.9%	0.0%
FJY Theale 5	00:48	-11.2%	01:45	-22.1%	-12.8%	-26.0%	-0.9%

**West Berkshire Impact**

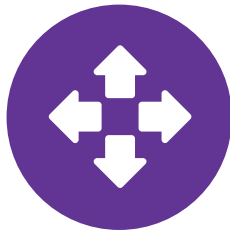
District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Modelled Base C	09:13	48.7%	12:29	34.8%	47.5%	40.5%	57.1%
FJY Theale 1&2	-00:52	8.2%	-00:35	7.5%	8.5%	6.3%	9.8%
FJY Theale 3	-00:44	7.4%	-00:32	7.3%	7.8%	6.0%	8.6%
FJY Theale 4	-00:51	8.4%	-00:35	7.7%	8.8%	6.7%	9.8%
FJY Theale 5	-00:34	6.5%	-00:35	8.1%	7.1%	7.4%	8.3%

**Service-wide Impact**

District	All Incidents				Dwelling Fires		RTCs
	Average 1st	1st Within 8 Mins	Average 2nd	2nd Within 10 Mins	1st Within 8 Mins	2nd Within 10 Mins	1st Within 11 Mins
Modelled Base C	07:00	71.1%	09:30	64.0%	75.1%	70.1%	79.6%
FJY Theale 1&2	-00:01	-0.5%	00:11	-2.1%	-0.2%	-3.0%	2.6%
FJY Theale 3	00:02	-1.0%	00:13	-2.6%	-0.8%	-3.9%	2.3%
FJY Theale 4	00:00	-0.6%	00:12	-2.2%	-0.3%	-3.2%	2.6%
FJY Theale 5	00:05	-1.4%	00:16	-3.5%	-1.3%	-4.9%	2.1%



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