

A Remove Bracknell RDS

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RBFRS - Station Configuration Modelling
Alternative Option - Removal of RDS Appliance at Bracknell
Response Standards Performance Against Modelled Base; 24-Hour Model - Service-wide

Response Standards		Current Crewing	2013 Modelled Base	Modelling Option	Difference
Dwelling Fires	1st Response in 8 minutes	74.7%	75.4%	75.3%	-0.1%
	in 10 minutes	86.4%	87.2%	87.1%	-0.1%
	2nd Response in 10 minutes	64.0%	69.8%	68.8%	-1.0%
	in 12 minutes	79.5%	85.4%	85.0%	-0.4%
RTCs	1st Response in 11 minutes	81.9%	83.0%	83.0%	0.0%

Notes:

2013 Modelled Base: Newbury = 2 WDS; Windsor at Tinkers Lane

Difference = Modelling Option - 2013 Modelled Base

RBFERS - Station Configuration Modelling
Alternative Option - Removal of RDS Appliance at Bracknell
 Response Distribution; 24-Hour Model - Service-wide

1st Appliance to Dwelling Fires

Mins	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2013 Modelled Base	0.1%	2.4%	8.2%	18.7%	34.4%	51.3%	65.6%	75.4%	82.1%	87.2%	91.4%	94.2%	96.3%	97.5%	98.4%	99.0%	99.3%	99.6%	99.7%	99.8%
Modelling Option	0.1%	2.4%	8.2%	18.7%	34.4%	51.3%	65.6%	75.3%	82.0%	87.1%	91.3%	94.1%	96.2%	97.4%	98.3%	98.9%	99.3%	99.5%	99.7%	99.8%
Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%

2nd Appliance to Dwelling Fires

Mins	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2013 Modelled Base	0.0%	0.4%	2.1%	5.1%	11.2%	21.1%	33.7%	46.7%	58.6%	69.8%	78.9%	85.4%	90.1%	93.3%	95.5%	96.8%	97.8%	98.6%	99.0%	99.4%
Modelling Option	0.0%	0.4%	2.1%	5.1%	11.0%	20.7%	32.8%	45.4%	57.2%	68.8%	78.2%	85.0%	89.8%	93.1%	95.4%	96.7%	97.7%	98.5%	99.0%	99.3%
Difference	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.4%	-0.9%	-1.3%	-1.4%	-1.0%	-0.6%	-0.4%	-0.3%	-0.2%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%	-0.1%

1st Appliance to RTCs

Mins	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2013 Modelled Base	0.2%	3.5%	11.2%	20.8%	31.5%	42.8%	54.0%	63.6%	71.3%	77.8%	83.0%	87.4%	91.0%	93.4%	95.4%	96.6%	97.4%	98.2%	98.7%	99.0%
Modelling Option	0.2%	3.5%	11.2%	20.8%	31.4%	42.7%	53.9%	63.5%	71.2%	77.7%	83.0%	87.4%	91.0%	93.4%	95.4%	96.5%	97.4%	98.2%	98.7%	99.0%
Difference	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.1%	-0.1%	-0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Notes:

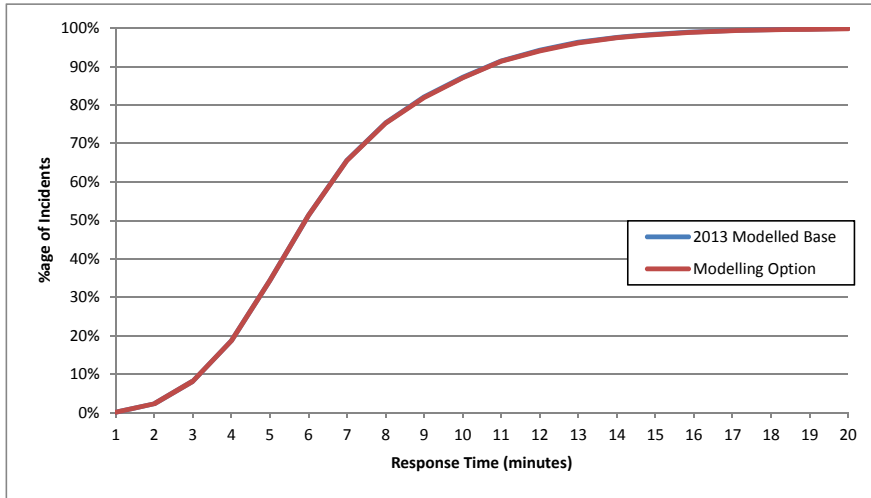
2013 Modelled Base: Newbury = 2 WDS; Windsor at Tinkers Lane

RBFRS - Station Configuration Modelling

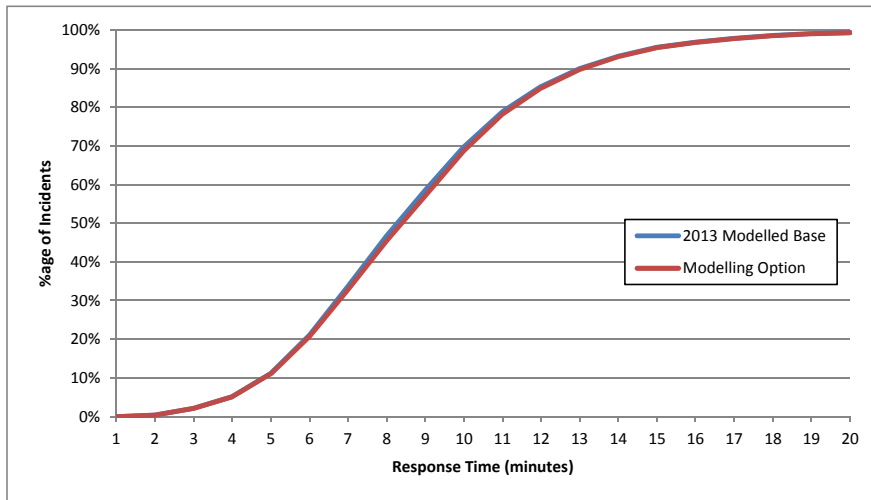
Alternative Option - Removal of RDS Appliance at Bracknell

Response Distribution; 24-Hour Model - Service-wide

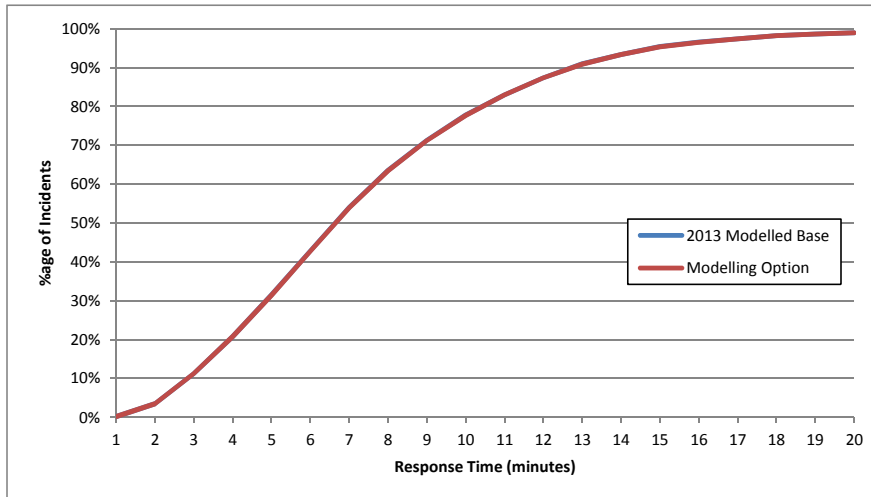
1st Response to Dwelling Fires



2nd Response to Dwelling Fires



1st Response to RTCs



RBFRS - Station Configuration Modelling

Alternative Option - Removal of RDS Appliance at Bracknell

Average Response Times Compared to Validated Position; 24-Hour Averages

Area	2013 Modelled Base		Modelling Option		Difference	
	Avg 1st	Avg 2nd	Avg 1st	Avg 2nd	Avg 1st	Avg 2nd
RBFRS	07:01	09:00	07:02	09:04	00:01	00:04
Ascot	10:24	12:08	10:25	12:19	00:02	00:10
Bracknell	06:06	09:38	06:11	10:24	00:06	00:46
Caversham Road	05:29	07:56	05:29	07:56	00:00	00:00
Crowthorne	09:08	10:30	09:10	10:36	00:02	00:06
Dee Road	06:10	08:06	06:10	08:06	00:00	00:00
Hungerford	09:14	13:22	09:14	13:22	00:00	00:00
Lambourn	14:29	16:37	14:29	16:37	00:00	00:00
Langley	06:45	08:12	06:45	08:12	00:00	00:00
Maidenhead	06:19	08:52	06:19	08:52	00:00	00:00
Mortimer	11:25	13:54	11:25	13:54	00:00	00:00
Newbury	06:57	08:04	06:57	08:04	00:00	00:00
Pangbourne	11:54	13:29	11:54	13:29	00:00	00:00
Slough	05:54	06:14	05:54	06:14	00:00	00:00
Wargrave	11:42	13:21	11:42	13:21	00:00	00:00
Whitley Wood	06:47	08:59	06:47	08:59	00:00	00:00
Windsor	07:53	09:31	07:54	09:31	00:00	00:00
Wokingham	08:45	13:25	08:48	13:28	00:04	00:03
Wokingham Road	06:19	08:13	06:19	08:14	00:00	00:00

Notes:

2013 Modelled Base: Newbury = 2 WDS; Windsor at Tinkers Lane

Average response times are to all incidents

RBFRS - Station Configuration Modelling
Alternative Option - Removal of RDS Appliance at Bracknell
 Annual Station Workload Compared to Validated Position; 24-Hour Averages

Station	2013 Modelled Base	Modelling Option	Difference
Caversham Road	1011	1012	1
Wokingham Road	747	753	6
Dee Road	679	679	0
Newbury	874	874	0
Hungerford	138	138	0
Lambourn	22	22	0
Pangbourne	50	50	0
Wargrave	39	39	0
Wokingham	454	495	41
Mortimer	116	116	0
Windsor (Tinkers Lane)	292	297	5
Ascot	54	57	3
Crowthorne	127	138	11
Bracknell	995	927	-68
Slough	1679	1680	1
Langley	470	470	0
Maidenhead	764	764	0
Whitley Wood	638	640	2

Notes:

2013 Modelled Base: Newbury = 2 WDS; Windsor at Tinkers Lane

Workload = Modelled annual number of responses by station

