

Meeting Title	Board of Directors		
Date	10.01.19	Agenda item	Bo.1.19.38

NURSE STAFFING DATA PUBLICATION REPORT OCTOBER 2018

Presented by	Karen Dawber, Chief Nurse		
Author	Jo Hilton, Assistant Chief Nurse		
Lead Director	Karen Dawber, Chief Nurse		
Purpose of the paper	This paper reports on the nurse staffing data for October 2018, identifying the actual staffing levels in place against what was planned.		
Key control	Yes		
Action required	To note		
Previously discussed at/informed by	N/A		
Previously approved at:	Committee/Group	Date	
	Quality Committee Q.11.18.16	28 11 18	

Key Options, Issues and Risks

This report provides an update on the mandatory nurse staffing data for October 2018, in line with the requirements outlined in both the Hard Truths (2013) and the subsequent National Quality Board Report (2013). All NHS Trusts are now required to provide monthly retrospective data via UNIFY to enable NHS England to publish Trust reports on NHS Choices.

Nurse staffing fill rates appears on the corporate risk register, with a range of actions in place to mitigate the risk of having insufficient staff to provide safe care on the wards and departments. There is a robust oversight and escalation process in place. As part of this escalation process staff are asked to record any staffing concerns through Datix. These are monitored daily at the Matrons safety huddles; additionally the use of the SafeCare tool to support decision making through the availability of patient acuity and dependency data is now established as an integral part of these safety huddles and is also used by the Clinical Site Team out of hours. There is a comprehensive recruitment and retention plan in place.

Analysis

The fill rates for registered nurses on days and nights has decreased slightly from the previous month on both sites at night and BRI during the day but SLH has increased fill rates for registered nurses during the days. On Days the fill rates have decrease at BRI by 2.7% this is in line with the fill rates for August. SLH day fill rate has increased by 1.6%. On nights the fill rates have decreased very slightly by 0.1% and 0.5% respectively.

With respect to the overall management of nurse staffing and patient safety, a robust oversight and escalation process is in place. As part of this escalation process staff are asked to record any staffing concerns through Datix. During October 2018, there were 10 Datix incidents reported related to nursing and midwifery staffing on inpatient areas, which is a decrease of 8 from the previous month. Although there were no examples of harm as a result of staffing, in many instances staff had reported as they recognised that the staffing levels meant that there was potential for it to be unsafe.

Meeting Title	Board of Directors		
Date	10.01.19	Agenda item	Bo.1.19.38

There were no occasions where there were less than 2 registered nurses on a shift.

Recommendation

The committee are asked to note the content of this report.

Risk assessment						
Strategic Objective	Appetite (G)					
	Avoid	Minimal	Cautious	Open	Seek	Mature
To provide outstanding care for patients		g				
To deliver our financial plan and key performance targets			g			
To be in the top 20% of NHS employers			g			
To be a continually learning organisation				g		
To collaborate effectively with local and regional partners					g	
The level of risk against each objective should be indicated. Where more than one option is available the level of risk of each option against each element should be indicated by numbering each option and showing numbers in the boxes.	<div>Low</div> <div>Moderate</div> <div>High</div> <div>Significant</div>					
Explanation of variance from Board of Directors Agreed General risk appetite (G)	<div>Risk (*)</div>					

Risk Implications (see section 4 for details)	Yes	No
Corporate Risk register and/or Board Assurance Framework Amendments	x	
Quality implications	x	
Resource implications		X
Legal/regulatory implications		X
Diversity and Inclusion implications		X

Regulation, Legislation and Compliance relevance					
NHS Improvement: (please delete those that are not applicable) <input type="checkbox"/> Risk Assessment Framework <input type="checkbox"/> Quality Governance Framework <input type="checkbox"/> Code of Governance <input type="checkbox"/> Annual Reporting Manual					
Care Quality Commission Domain: Safe, Effective and Caring					
Care Quality Commission Fundamental Standard: Choose an item.					
Other (please state):					
Relevance to other Board of Director's Committee: (please select all that apply)					
Workforce	Quality	Finance & Performance	Partnerships	Major Projects	Other (please state)
x	x	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Meeting Title	Board of Directors		
Date	10.01.19	Agenda item	Bo.1.19.38

1 PURPOSE/ AIM

This paper reports on the nurse staffing data for October 2018, identifying the actual staffing levels in place against what was planned. It identifies areas of discrepancy between the two, and provides an exception report on actions taken as a result. This information relates to the staffing levels on all inpatient wards including adult, paediatric and maternity wards.

2 BACKGROUND/CONTEXT

This paper provides nurse staffing data which is in line with the requirements outlined in both the Hard Truths (2013) and the subsequent National Quality Board Report (2013). All NHS Trusts are now required to provide monthly retrospective data in inpatient nurse staffing levels via UNIFY, to enable NHS England to publish Trust reports on NHS Choices.

3 Results

Date	Hospital	Day		Night	
		Average fill rate-registered nurse/midwife %	Average fill rate-care staff %	Average fill rate-registered nurse/midwife %	Average fill rate-care staff %
Oct 18	BRI	83.5%	97.1%	90.6%	108.6%
Oct 18	SLH	96.2%	97.4%	102.1%	99.9%

4 RISK ASSESSMENT

Nurse Staffing is identified as a risk on the corporate risk register.

With respect to the overall management of nurse staffing and patient safety a robust oversight and escalation process is in place. As part of this escalation process staff are asked to record any staffing concerns through Datix. These are monitored daily at the Matrons safety huddles. During October 2018, there were 10 Datix incidents reported related to nursing and midwifery staffing on inpatient areas.

A summary of the themes of these reports is included in the full report in the appendix. In each of these incidents appropriate escalation had taken place and where possible actions were taken to mitigate harm by redeploying resource available from across the Trust.

The use of the SafeCare tool to support decision making through the availability of patient acuity and dependency data is now established as an integral part of the safety huddles by the matrons and is used by the Clinical Site Team out of hours. The matrons and site team

Meeting Title	Board of Directors		
Date	10.01.19	Agenda item	Bo.1.19.38

continue to report that this is helping to ensure better decision making, particularly in relation to the redeployment of staff.

There were no occasions where there was only one registered nurse on duty.

5	RECOMMENDATIONS
----------	------------------------

The Committee are asked to note the content of this report.

6	Appendices
----------	-------------------

Meeting Title	Board of Directors		
Date	10.01.19	Agenda item	Bo.1.19.38

NURSE STAFFING DATA PUBLICATION REPORT – OCTOBER 2018

1. Introduction

This paper reports on the nurse staffing data for October 2018, identifying the actual staffing levels in place against what was planned. It identifies areas of discrepancy between the two, and provides an exception report on actions taken as a result. This information relates to the staffing levels on all inpatient wards including adult, paediatric and maternity wards.

2. Results for October 2018

Table 1 below outlines the average fill rates for registered nurses/midwives and care staff over both day and night shifts in October 2018, by hospital site. It should be noted that community hospitals (CH) appear in the figures for St Luke's Hospital (SLH) as required by the submission of the Unify tool.

Date	Hospital	Day		Night	
		Average fill rate-registered nurse/midwife %	Average fill rate-care staff %	Average fill rate-registered nurse/midwife %	Average fill rate-care staff %
Oct 18	BRI	83.5%	97.1%	90.6%	108.6%
Oct 18	SLH	96.2%	97.4%	102.1%	99.9%

Table 1

The percentage fill rates for day shifts for registered nurses for November 2017 to October 2018 are shown in figure 1 below.

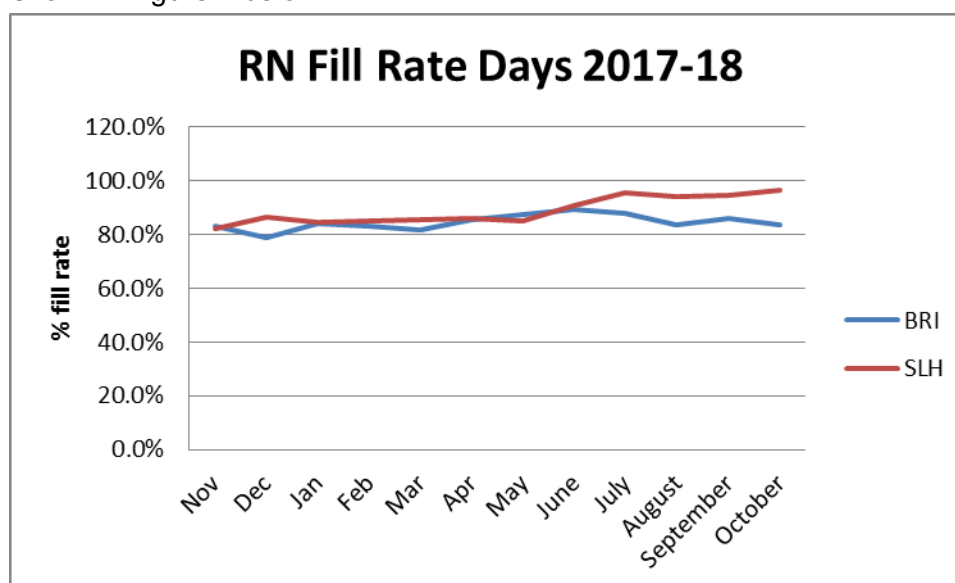


Figure 1

Meeting Title	Board of Directors		
Date	10.01.19	Agenda item	Bo.1.19.38

The percentage fill rates for night shifts for registered nurses for November 2017 to October 2018 are shown in figure 2 below:

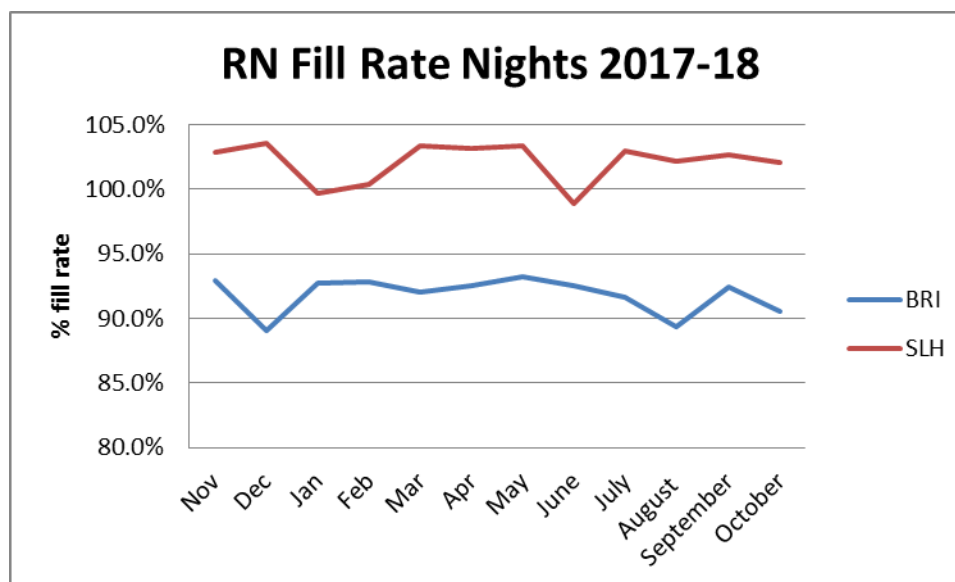


Figure 2

Annex 1 is a summary of inpatient wards in the Trust, including the data submitted to Unify regarding staffing and information about patient experience and harms.

The fill rates for registered nurses on days and nights has decreased slightly from the previous month on both sites at night and BRI during the day but SLH has increased fill rates for registered nurses during the days. On days the fill rates have decrease at BRI by 2.7% this is in line with the fill rates for August. SLH day fill rate has increased by 1.6%. On nights the fill rates have decreased very slightly by 0.1% and 0.5% respectively.

3. Trends and Themes

As part of the escalation process staff are asked to record any staffing concerns through Datix. These are monitored daily at the Matrons safety huddles. During October 2018, there were 10 Datix incidents reported related to nursing and midwifery staffing on inpatient areas.

A summary of the previous months' Datix reports related to nurse and midwifery staffing is below, in table 2.

Meeting Title	Board of Directors		
Date	10.01.19	Agenda item	Bo.1.19.38

Month	Number of incident reports	Month	Number of incident reports
August 2017	9	April 2018	20
September 2017	33	May 2018	13
October 2017	21	June 2018	25
November 2017	16	July 2018	31
December 2017	23	August 2018	17
January 2018	16	September 2018	18
February 2018	25	October 2018	10
March 2018	44		

Table 2

This data is also shown in figure 3, and shows variation from month to month since December 2016.

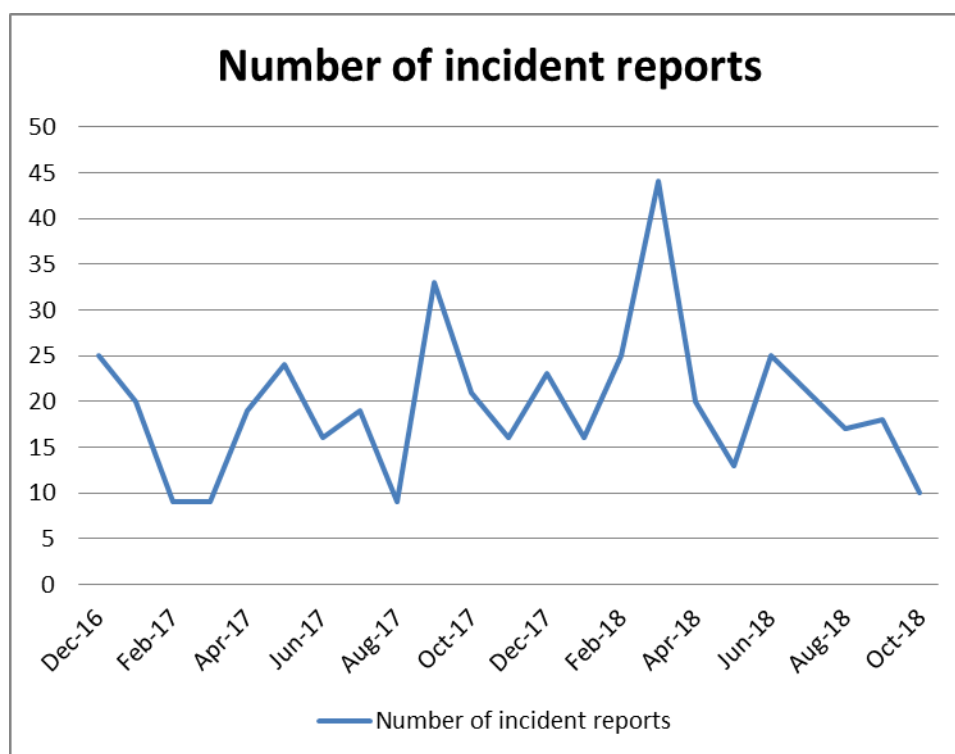


Figure 3

The number of Datix incident reports made during October 2018 has decreased by 8 from the previous number reported for September 2018. Of the 10 incidents reported in October, 1 has been graded as low impact, with the remaining 9 graded as no harm.

Of the incidents reported in October 2018, 3 were within Maternity Services, which is a continued reduction from the previous 2 months. These incidents were identifying shifts where staffing was below planned numbers and staff either didn't get a break or felt that the workload exceeded staffing resource.

Meeting Title	Board of Directors		
Date	10.01.19	Agenda item	Bo.1.19.38

In the Division of Anaesthesia, Diagnostics and Surgery, 4 incident reports were submitted, identifying occasions where there were staff shortages and no cover was available. All of these incidents are where a registered nurse has moved to support another area to maintain safety across all wards and the ward sending the nurse has either had back fill from a healthcare assistant or no replacement has been identified, affecting the skill mix available.

The remaining 2 incidents were reported from the Division of Medicine and Integrated Care. These reports related to occasions where staff felt that the staffing numbers were insufficient to meet demand.

In each of these incidents appropriate escalation had taken place and where possible actions were taken to mitigate harm by redeploying resource available from across the Trust. Following investigation, none of the incidents have identified any actual harm.

The use of the SafeCare tool to support decision making through the availability of patient acuity and dependency data is now established as an integral part of the safety huddles by the matrons and is used by the Clinical Site Team out of hours. The matrons and the Clinical Site Team report that this is helping to ensure better decision making, particularly in relation to the redeployment of staff.

There were no occasions with less than two registered nurses per shift.

Although there were no examples of harm as a result of staffing, in many instances staff had reported as they recognised that the staffing levels meant that there was potential for it to be unsafe and cited delays in administration of medications.

It should be noted that a significant amount of senior nursing time (heads of nursing, matrons and clinical site team members) both in and out of hours, continues to be required to maintain this position.

4. Exception report

The fill rates by ward, as shown in annex 1, have been RAG rated. The RAG rating for each ward has been reviewed for the 3 months (August 2018 to October 2018), to identify any areas where there have been 3 consecutive months rated as red (<80% fill rate) or where the fill rate is less than 70% in the current month for registered nurses. Mitigation of actions taken in these areas is included below. Annex 1 also includes the patient experience and harm data per inpatient ward displayed with the staffing fill rate information. The ward sisters, matrons and heads of nursing (and Clinical Site Team out of hours) continue to review patient safety and experience on a daily basis related to the staffing on wards and movement of staff to maintain safety.

Meeting Title	Board of Directors		
Date	10.01.19	Agenda item	Bo.1.19.38

Less than 70% fill rate in the month:

There are four inpatient areas with registered nurse/midwife fill rates <70% in October 2018, Ward 28, Birth Centre and M3 on day shifts, and Ward 31 on night shifts, as detailed below.

- Ward 28 - The average day fill rate for this ward was 61.5%, however the ward still maintained a care hours per patient day figure of 9 for registered nurses (same as the previous month). This reflects the fact that the average occupancy for this period was significantly reduced, meaning that although the fill rate was low, there were significant numbers of empty beds.
- Birth Centre and M3 have reduced fill rates during October. Fill rates have been maintained at a higher level on the labour ward and bed closures have taken place to manage safety with the staffing numbers available. This is reviewed by the matrons and Head of Midwifery and reported on a daily basis. This is partly as a result of short term sickness and also whilst awaiting newly registered midwives to be out of the supernumerary induction period.
- Ward 31 – The planned staffing on the night shift is 3 Registered Nurses (RN) and 3 Health Care Assistants (HCA), however, the 3rd RN isn't always available, therefore the majority of nights on Ward 31 are 2 RN and 4 HCA. The RN unfilled shifts are covered with additional HCA cover as with previous months.

Less than 80% fill rate for 3 consecutive months:

There are 2 inpatient areas that have been <80% (red) for 3 consecutive months August 2018 to October 2018, which remains the same as previous months.

- Ward 28 – The day fill rate has been <80% for 3 months, as outlined above.
- Ward 31 – The night fill rate has been <80% for 3 consecutive months as outlined above.

5. Conclusion

This report provides details of the planned versus actual staffing levels for registered nurses/ midwives and care staff for October 2018. Robust monitoring remains in place with a daily overview of the staffing in each area to maintain safety and increased use of the SafeCare tool to support decision making in relation to staffing.

Meeting Title	Board of Directors		
Date	10.01.19	Agenda item	Bo.1.19.38

Where areas have identified a risk regarding staffing, mitigation is put in place and monitored, more detail is included in this paper for further openness and transparency. Overall there has been a small decrease in the fill rates, and an increase in areas reporting less than 70% fill rates within the month however this has been managed with the reduction in bed capacity in maternity areas.

Activities continue to manage the recruitment of new nurses, retention of existing nurses and efficiency of deployment of the existing and temporary nursing workforce.

Meeting Title	Board of Directors		
Date	10.01.19	Agenda item	Bo.1.19.38

Annex 1

Inpatient Heat Map - October 2018

Ward Name	Patient feedback			Harms								Absence and Turnover			Staffing								Ward Accreditation Scores - previous/current		
				Falls with harm			Pressure Ulcers			Infection control					Day		Night		Care Hours Per Patient Day (CHPPD)						
	Compliments	Complaints	FFT recommended (%)	No harm	Low	Moderate and Severe	Category 2	Category 3	Category 4	MRSA	C.Diff	Cumulative % Abs Rate (FTE)	Labour Turnover Rate	Headcount %	Labour Turnover Rate FTE %	Average fill rate - registered nurses/midwives (%)	Average fill rate - care staff (%)	Average fill rate - registered nurses/midwives (%)	Average fill rate - care staff (%)	Cumulative count over the month of patients at 23:59 each day	Registered midwives/ nurses	Care Staff			
AMU 1	0	0	100	2	1	0	0	0	0	0	0	-	-	-	88.8	92.7	93.5	102.9	579	5	4	9	↑	Jul-18	
AMU 4	0	0	100	2	1	0	0	0	0	0	0	-	-	-	82.9	97.8	100.0	114.5	399	6	6	12	↑	Jul-18	
ICU	0	0	-	0	0	1	2	2	0	0	0	6.3	6.7	5.9	90.5	90.1	92.3	90.3	377	24	3	27			
WARD 03	0	0	85	5	1	0	2	0	0	0	0	4.0	9.9	9.3	94.6	76.0	101.1	96.1	731	4	5	8	↔	Feb-18	
WARD 06	0	1	97	3	2	0	0	0	0	0	0	5.6	11.2	11.4	80.4	119.4	93.5	117.4	892	5	8	12	↔	Nov-17	
WARD 07	0	0	86	2	0	0	0	2	0	0	0	-	-	-	99.2	97.6	98.4	100.0	369	4	3	7	↑	Jan-18	
WARD 08	0	0	90	3	0	0	0	0	0	0	0	3.0	6.7	6.9	93.2	90.1	84.0	150.5	830	3	2	5	↑	May-18	
WARD 09	0	0	91	4	1	0	0	0	0	0	0	8.8	3.3	3.6	84.4	108.1	100.0	107.5	673	3	3	6	↔	Jun-18	
WARD 11	0	0	93	1	1	0	2	0	0	0	0	4.0	3.3	3.6	90.5	91.3	87.1	159.5	707	3	2	6	↔	Mar-18	
WARD 12	0	0	92	0	0	0	0	0	0	0	0	6.2	25.5	22.2	84.2	95.4	89.2	91.6	331	7	3	10	↓	Mar-18	

Meeting Title	Board of Directors										
Date	10.01.19					Agenda item			Bo.1.19.38		

WARD 14	9	1	96	0	0	0	2	0	0	0	0	6.7	7.5	5.2	88.6	118.4	100.0	99.9	459	4	2	6	↔	Jun-17
WARD 15	0	0	100	4	1	0	0	0	0	0	0	-	-	-	84.2	98.9	98.4	100.0	486	3	4	7	↑	Dec-17
WARD 18	0	0	99	0	0	0	1	0	0	0	0	12.0	24.0	24.8	83.9	132.7	87.8	118.1	479	5	2	7	↔	Apr-18
WARD 20	0	1	98	4	0	0	0	0	0	0	0	2.2	13.7	14.0	83.5	111.8	99.4	118.8	654	6	2	7	↔	Mar-18
WARD 21	7	0	95	2	0	0	0	0	0	0	0	5.6	23.1	22.5	72.3	110.9	96.7	107.6	636	5	3	8	↔	May-18
WARD 22	1	0	100	2	0	0	1	0	0	0	0	4.8	14.5	13.4	81.9	93.5	96.8	129.2	682	5	4	9	↔	Mar-18
WARD 23	0	0	100	2	0	0	0	2	0	0	0	9.4	14.1	13.2	85.7	103.1	88.8	115.9	772	5	4	9	↔	Feb-18
WARD 24	0	0	100	0	0	0	0	0	0	0	0	7.0	8.3	8.1	100.0	100.0	100.0	106.5	339	4	3	7	↓	Dec-17
WARD 25	0	0	97	0	0	0	1	0	0	0	0	4.7	0.0	0.0	100.2	123.0	98.9	-	228	6	3	9	↑	Jun-18
WARD 26	0	0	100	4	3	0	0	1	0	0	0	5.6	13.7	14.4	83.0	119.3	91.4	126.9	792	3	3	7	↔	Apr-18
WARD 27	4	0	91	2	2	1	3	1	0	0	0	7.2	32.1	34.4	81.5	111.3	89.2	144.2	693	3	3	6	↔	Sep-18
WARD 28	3	1	100	2	0	0	0	0	0	0	0	3.6	25.9	24.1	61.6	70.5	101.6	50.8	332	5	3	8	↑	Nov-17
WARD 29	0	0	87	7	7	1	2	2	0	0	0	6.5	2.5	1.6	96.6	98.1	80.6	107.4	903	3	4	7	↔	May-18
Paediatrics	1	0	83	0	0	0	0	0	0	0	0	7.2	13.8	13.2	87.4	71.5	87.5	56.6	1020	7	1	9	↑	Nov-17
WARD 31	0	0	63	6	1	0	2	0	0	0	0	4.5	8.3	8.7	81.1	112.8	66.7	123.3	862	2	5	7	↓	Mar-18
WARD 33	0	0	100	0	0	0	0	0	0	0	0	6.2	0.0	0.0	94.2	100.0	101.5	91.8	349	5	4	8	↔	Jun-17
BIRTHING CENTRE	0	0	94	0	0	0	0	0	0	0	0	3.3	0.0	0.0	60.7	86.2	70.2	-	90	21	8	29	↔	Jun-18
LABOUR WARD	0	0	94	0	0	0	0	0	0	0	0	3.8	3.0	3.7	76.6	69.6	82.3	99.2	316	16	5	21	↔	Jun-18
NNU	0	0	100	0	0	0	0	0	0	0	0	5.3	3.4	3.1	91.2	48.2	95.1	41.9	773	10	1	11		
WARD M3	0	0	94	0	0	0	0	0	0	0	0	7.4	6.1	4.1	62.8	76.3	76.9	88.1	674	4	1	5	↓	Aug-18
WARD M4	0	0	94	0	0	0	0	0	0	0	0	4.5	16.7	14.4	71.9	72.6	76.3	98.4	866	3	1	4	↔	Aug-18
Westbourne Green	0	0	96	3	1	0	0	1		0	0	6.7	14.5	14.8	100.2	99.0	106.5	105.0	422	4	4	8	↑	May-18
Westwood Park	0	0	100	2	4	1	0	0	0	0	0	8.2	20.0	21.6	99.1	98.1	103.4	104.8	439	3	4	8	↔	Feb-18
WARD F5	0	0	100	2	0	0	0	0	0	0	0	4.5	3.1	3.6	99.8	96.8	100.0	96.6	712	2	4	6	↔	Mar-18
WARD F6	0	0	97	4	1	0	1	0	0	0	0	9.9	20.0	20.7	89.2	96.6	98.4	98.3	646	3	5	8	↓	Jan-18