



Northern Neonatal Network

Quarterly Report

Q2 Jul-Sep 23



This report is a summary of the dashboard data submitted every month by each of the 8 Trusts that make up the Northern Neonatal Network. These figures are taken from both the BadgerNet Database where the required data is available and the Dashboard returns that have been supplied to the network each month.

It is important to note the following when looking at these reports;

- All reports use the BAPM 2011 definitions. This includes a “Normal Care” category. If ONLY “Carer resident – caring for baby” or the “None or >4hourly intervals” for observations/monitoring on the “general summary” page is ticked, this will classify as a “normal care” day. Under current commissioning guidance, unlike “special care” days, these are not funded. We have included these days as they are what the system reflects for each Unit. You may wish to check these for accuracy of reporting purposes.
- Transitional Care (TC) activity is usually supplied manually via the Monthly data Dashboards and reported where available. Some Units are moving to admit TC babies onto Badgernet but currently other “TC days” on the system typically refer to pre-discharge “rooming in” activity or “place of care” being wrongly ticked. However, all are included as available
- The staffing level reports are calculated by mapping nurse staffing levels submitted by Unit managers via Badgernet against the activity (baby numbers and their level of care) generated by the BAPM 2011 definitions.
 - The definitions for each of the included items are those given on the dashboard.
- The reports relating to transfers in Section 3 are supplied by NNeTS (Northern Neonatal Transport Service).
- Many of these metrics and reports are replicated for the three Local Maternity Systems (LMS) in our region and distributed separately to the appropriate stakeholders in them where they are discussed in their relevant Board meetings
- We are working with the Maternity Network to try and get gestational birth data for more accurate reporting, however, this is a work in progress, hence the incomplete charts on page 2 but this remains our aim and will be in the format as laid out there once available.
- Rolling 1-year IC and VLBW (<1500g) admissions data is now included for the 3 NICUs to monitor the impact of the recently commissioned and now fully operational 4 new IC cots at the RVI.

We continue to invite constructive criticism and feedback from all our Stakeholders across the Network to further refine and improve them. It is our hope that these quarterly Reports will continue to provide a rich but useful source of data for both Network and individual Units/Trusts and help determine issues across the Network in all our Units in relation to their activity and capacity, thus informing future strategic discussions and planning of neonatal services.

As always, the aim of this is to provide the very best service available to the babies and families within our Network and thus meet our one core principle – “To give the highest possible standard of safe, effective care to babies and their families.”

Caroline Buckley, Network Manager/Mark Green, Network Data Manager October 2023

Section 1 - Activity

Indicator	RVI	James Cook	Sunderland	North Tees	Cramlington	Carlisle	Darlington	UHND	Gateshead	West Cumberland
Births										
Live Births	1439	1190	903	629	860	355	469	560	475	284
<23	*					*	*	*	*	*
23-27	*					*	*	*	*	*
28-31	10					*	*	*	*	*
32-36	102					23	18	26	18	21
=>37	1314					326	449	529	454	263
<750	*					*	*	*	*	*
750-999	*					*	*	*	*	*
1000-1499	13					*	*	*	*	*
1500-1999	20					*	6	7	5	*
2000-2499	77					15	17	29	19	18
>=2500	1315					332	444	520	450	264
Admissions										
Total Admissions	240	99	109	54	68	41	36	58	45	31
1st Admissions	204	77	84	46	51	34	31	46	32	22
Term admissions	124	33	37	28	28	19	20	28	25	13
VLBW admissions	31	18	17	*	*	*	*	*	*	*
1 Year rolling VLBW	124	100	63							
% term admissions (births)	8.6%	2.8%	5.2%	4.5%	3.3%	5.4%	4.3%	5.0%	5.3%	4.6%
% term admissions (admissions)	60.8%	42.9%	56.0%	60.9%	54.9%	55.9%	64.5%	60.9%	78.1%	59.1%
TC admissions	240	N/A	79	N/A	73	N/A	110	140	37	N/A
IC days	608	295	223	5	6	9	3	3	0	5
1 year rolling IC	2546	1299	845							
HD days	901	781	293	56	43	44	35	35	34	9
SC days	1194	1027	678	373	517	163	215	215	232	128
NC days	31	32	0	5	48	19	2	2	38	3
TC days	774	N/A	213	N/A	196	96	228	258	133	91

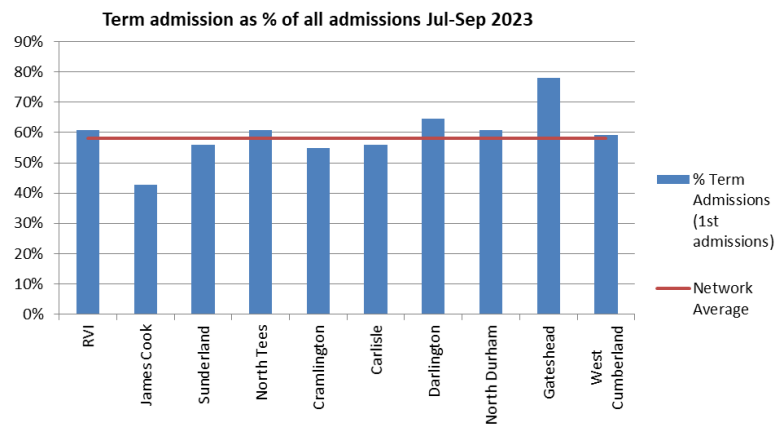
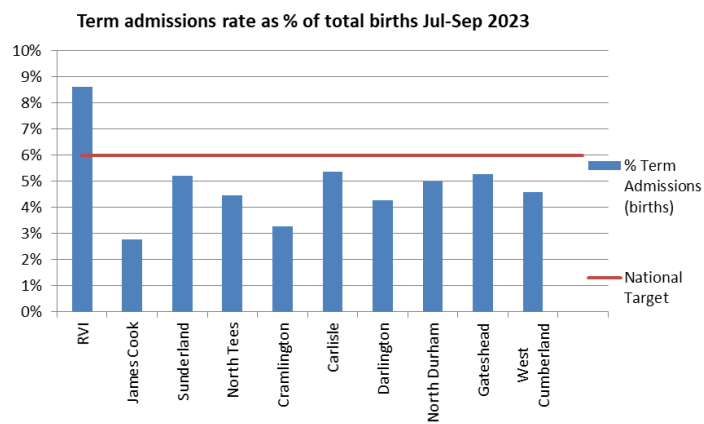
Inpatient after 44 weeks corrected gestation Q2

Unit	Admissions	I/P after 44wks	% still inpatient
RVI	240	4	1.7%
James Cook	99	9	9.1%
Sunderland	109	0	0.0%
North Tees	54	0	0.0%
Cramlington	68	2	2.9%
Carlisle	41	0	0.0%
Darlington	36	0	0.0%
North Durham	58	0	0.0%
Gateshead	45	0	0.0%
West Cumberland	31	0	0.0%

<30 week exceptions Q2

Unit	Booked	Delivered	Exception
North Tees	2	0	0%
Cramlington	2	0	0%
Carlisle	2	2	100%
Darlington	1	0	0%
North Durham	3	0	0%
Gateshead	2	1	50%
West Cumberland	1	0	0%

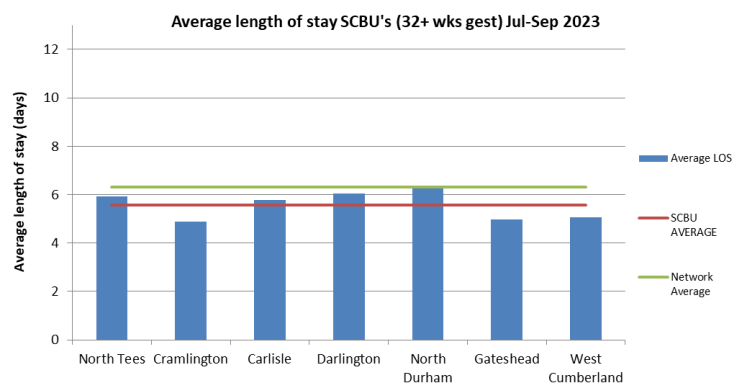
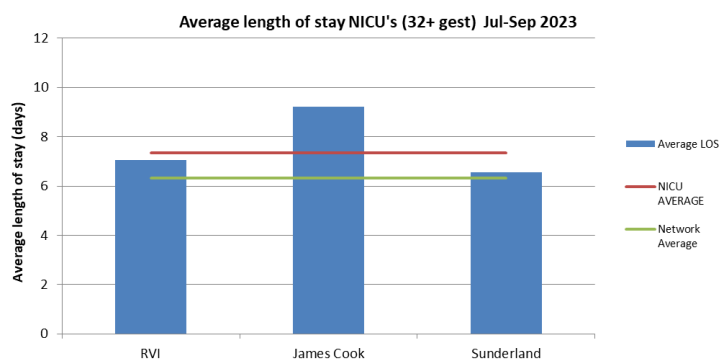
Booked	13
Delivered	3
Pathway Exception	23%



¹ Calculated using 1st episodes admissions and total births.

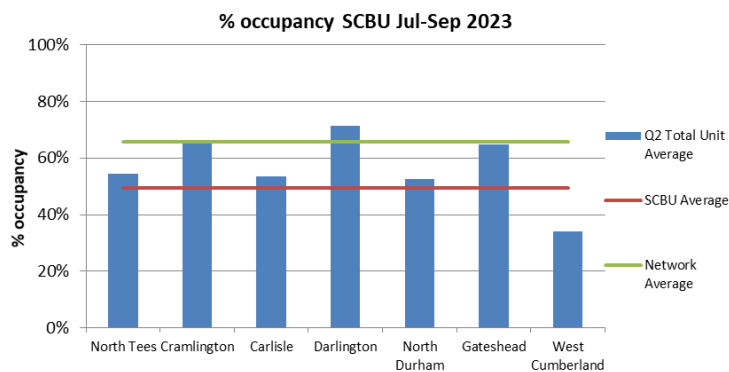
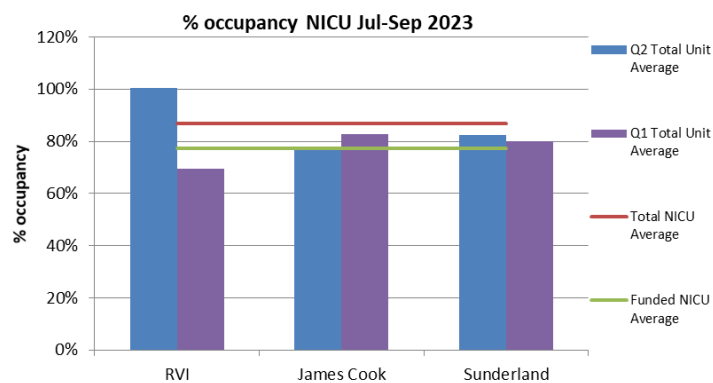
² Calculated using 1st episodes term admission as a percentage of 1st admissions.

Section 2 – Length of Stay³



³ Calculated using total discharges >4hrs, not died, and total length of stay.

Section 3 – Occupancy⁴



⁴ Calculated using available total cot numbers and occupancy levels.

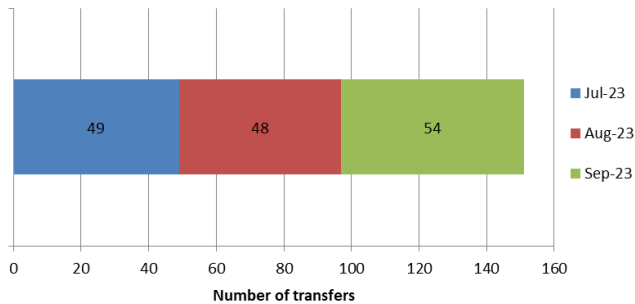
Section 4a – NNAP Indicators⁵

	NNAP								
Period:	Q2 23-24								
Unit	Antenatal Steroids given to standard (23-33wks)	Mag Sulph (<30/40)	Deferred Cord Clamping (<34/40)	Temperature Taken within 1hr and in range (<32/40)	First Consultation within 24hrs	Parental Presence at Ward Round	ROP screening (<31wks or <1501g)	Breastmilk Feeding on day 14 of life (<34/40)	Breast Milk at Discharge Home (<34/40)
RVI	44%	94%	76%	65%	63%	90%	7%	70%	58%
James Cook	42%	63%	77%	86%	79%	86%	100%	81%	45%
Sunderland	32%	100%	84%	76%	93%	89%	83%	85%	47%
North Tees	0%	100%	67%	100%	92%	86%	100%	17%	50%
Cramlington	33%	N/A	89%	89%	93%	86%	0%	64%	58%
Carlisle	0%	100%	14%	100%	77%	90%	N/A	0%	20%
Darlington	50%	N/A	50%	100%	86%	77%	N/A	100%	67%
North Durham	25%	100%	58%	78%	93%	73%	100%	43%	50%
Gateshead	0%	0%	60%	100%	97%	58%	50%	100%	20%
West Cumberland	0%	100%	67%	100%	82%	100%	N/A	0%	33%
Northern	23%	110%	64%	89%	86%	84%	44%	56%	45%

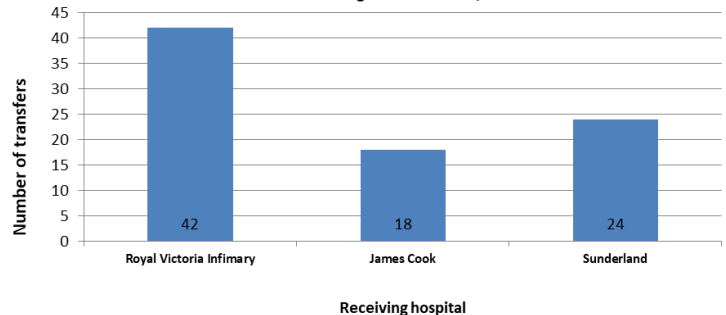
⁵ These are taken from the BadgerNet Dashboard reports for national NNAP Metrics. These are colour coded to reflect whether each unit is achieving the NNAP standard for each indicator. Non colour-coded indicators are for benchmarking purposes only.

Section 6 – Northern Neonatal Transport Service (NNETS)⁶

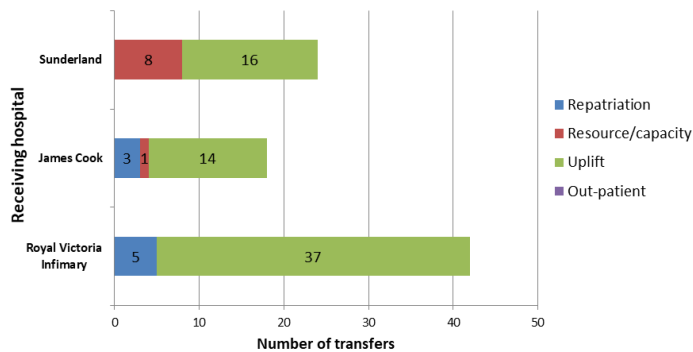
Total transfers - Q2 2023/2024



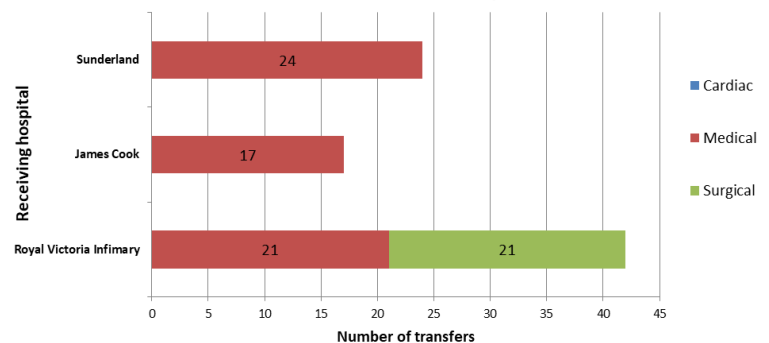
Transfers - Receiving NICU - Q2 2023/2024



Transport Urgency Q2 2023/2024



Reason for transfer Q2 2023/2024

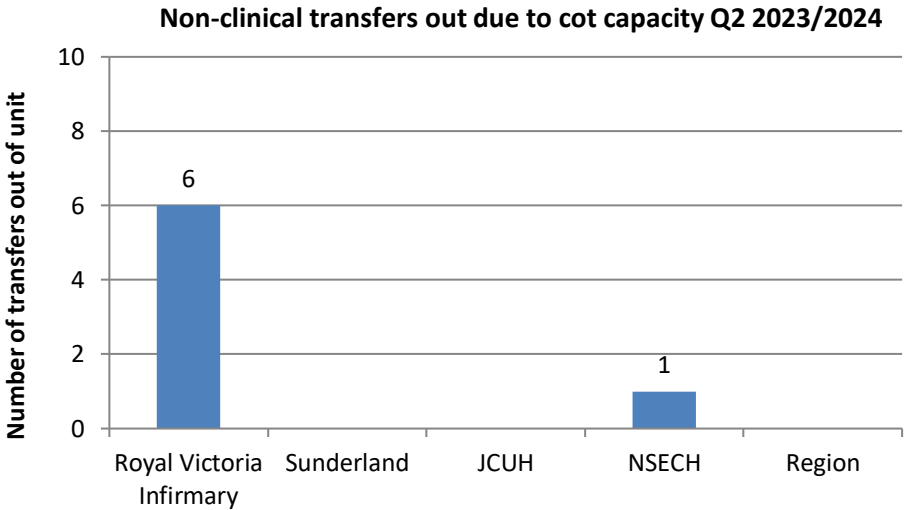


⁶ From NNETs monthly data extract.

Non-clinical transfers due to cot availability Q2 2023/24

These transfers refer to those cases where babies need to be moved following birth from their hospital of booking and delivery for non-clinical reasons – lack of capacity and cots. We are monitoring these as part of our reconfiguration data work on patient flows.

NICU	Transfers out
Royal Victoria Infirmary	6
Cramlington	1
Region	0



Out of network activity/transfers

None