

# NNAP Restricted Access Dashboard

## Table of Contents

<b>1. About the NNAP Dashboards</b> .....	2
1.1 Restricted Access Dashboard (RAD) .....	2
1.1.1 Updates to the RAD.....	2
1.2 Public Access Dashboard (PAD).....	2
1.3 NNAP Online .....	3
<b>2. How to access the RAD</b> .....	4
<b>3. How to navigate the RAD</b> .....	5
3.1 Information tab.....	5
3.2 Frequently Asked Questions tab.....	6
3.3 Time series tab .....	6
3.4 Table data tab .....	8
3.4.1 How to download table data.....	8
3.5 Ethnicity data tab .....	9
3.6 Network data tab.....	10
3.7 Patient list tab.....	11
3.7.1 Responsible measures .....	11
3.8 User list tab .....	12
<b>4. Glossary of terms</b> .....	13

# 1. About the NNAP Dashboards

## 1.1 Restricted Access Dashboard (RAD)

The RAD provides the underlying data for the NNAP performance measures to participants, and is visible only to neonatal units and networks. The data is refreshed monthly and presented in time series charts, tabular data and an interactive patient list.

The RAD is intended to be used by participating neonatal units and networks for data cleaning and quality improvement purposes only. It is important to note that the data in the RAD is provisional and subject to change. Data for the latest year is considered unassured until the first update after 1 April of the following year. For example, 2025 data is considered unassured until the first update after 1 April 2026.

**Please note that all analysis uses the latest data, measure definitions and methodologies.**

### 1.1.1 Updates to the RAD

The RAD is updated on a monthly basis, on the 1st working day after the 5th of each month. You will find the date of the last update on the bottom left hand corner of the dashboard.

## 1.2 Public Access Dashboard (PAD)

The PAD presents results for the 10 NNAP performance metrics as annual rolling averages, updated monthly. These can be displayed by neonatal unit, integrated care system, health board (Wales and Scotland) and neonatal network. The dashboard's Information and FAQ screens gives more detail.

The data is provisional and may be subject to change between updates and before the publication of the NNAP annual summary report. Data for the latest year is considered unassured until the first update after 1 April of the following year. Results are calculated using the latest data, measure definitions and methodologies, so it is expected that results within the dashboard will vary from previously published results.

The PAD includes:

- England and Wales - results relating to babies admitted for neonatal care in an NHS neonatal unit from 1 January 2017, unless otherwise stated
- Scotland - results relating to babies admitted for neonatal care in an NHS neonatal unit from 1 April 2022, unless otherwise stated
- Isle of Man - results relating to babies admitted for neonatal care in an NHS neonatal unit from 1 January 2023, unless otherwise stated.

## 1.3 NNAP Online

NNAP Online presents validated, published unit, network and national level results each year, from 2014 to 2024.

NNAP Online can be used to:

- view an overall annual summary report for a selected neonatal unit or network for 2014 to 2024 NNAP results,
- view and compare the results for specific NNAP audit measures for different units, unit designations or networks,
- go to the outlier analysis section to view whether a result for a unit or network is outside the expected range, and
- download unit posters for NNAP 2024 data.

Please note that results presented on NNAP Online use the measure definitions and methodologies that applied at the time of publication, and therefore results may vary from the RAD and PAD, which use the latest data, definitions and methodologies.

## 2. How to access the RAD

All NNAP dashboards can be accessed via the data dashboards webpage, found on the RCPCH website: <https://www.rcpch.ac.uk/resources/NNAP-dashboards>

The RAD is accessed through the PAD. Once the PAD has been accessed, click on the navigation button to be taken to the RAD. As long as you are logged into the computer with your NHS email address that has been approved for access, no password will be needed.



Navigation button on the PAD which takes users to the RAD.

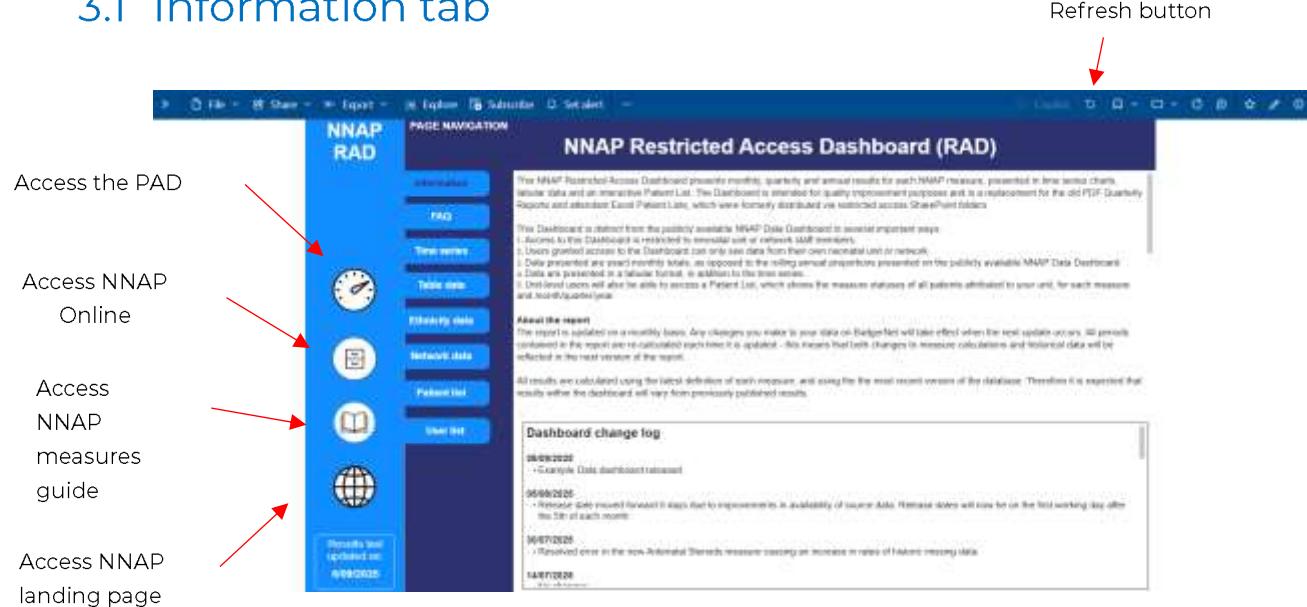
The screenshot shows the NNAP Public Access Dashboard (PAD) interface. On the left, a vertical navigation menu is visible with the following items: 'RAD' (highlighted with a red arrow), 'Information', 'FAQ', and 'Time series data'. Below the menu, a small box indicates 'Results last updated on 8/12/2025'. The main content area is titled 'NNAP Public Access Dashboard (PAD)' and contains several sections: 'About the dashboard', 'NNAP metrics and component measures', 'Contact us', and 'Disclaimer'. The 'About the dashboard' section includes a note that results are updated monthly and a link to the 'NNAP Measures Guide'. The 'NNAP metrics and component measures' section notes that since 2022, the NNAP has been reporting on 10 performance metrics. The 'Contact us' section provides an email address: 'NNAP@RCPCH.AC.UK'. The 'Disclaimer' section contains legal text about the use of the data.

**Image one: NNAP Public Access Dashboard (PAD)**

Access to the RAD is determined by the NNAP lead of each neonatal unit, and the Clinical Lead or Manager of neonatal networks. To access the RAD, we ask the NNAP lead of each neonatal unit to email [nnap@rcpch.ac.uk](mailto:nnap@rcpch.ac.uk) with the name, role title and email address of users that require access.

### 3. How to navigate the RAD

#### 3.1 Information tab



**Image two: Information page of the NNAP Restricted Access Dashboard (example data)**

When you open the RAD, you will land on the information page. Here you will find an explanation of the different tabs and charts available on the dashboard that you can use to clean and validate your data.

The **dashboard change log** provides monthly updates on any changes to the RAD recently made by the project team.

On the left-hand side of the RAD, you will see a navigation button, which will take you to the PAD. Beneath this, NNAP Online, then the measures guide and finally the NNAP landing webpage.

Below these links you will find a box with a date titled '**results last updated on**.' This informs you when the RAD was last updated. The RAD is updated on a monthly basis, on the 1st working day after the 5<sup>th</sup> of each month.

A **refresh button** is located at the top right hand of the screen. This allows you to reset filters, and other changes you have made while using the different functions of the RAD.

## 3.2 Frequently Asked Questions tab



How frequently is this data updated?  
This data in this report is currently updated monthly, typically this happens between the 12th and 15th of each month.

How can I get a colleague access to this report?  
To grant access to this dashboard for a new staff member, we require an email from your unit or network's Clinical Lead, sent to [nnap@doct.ac.uk](mailto:nnap@doct.ac.uk) requesting access for that staff member and containing their name and email address. You can see a list of colleagues who also have access to your unit or network report on the [User list](#) page. Please note that we can only grant access to staff members with NHS email addresses.

Can outliers be identified from these charts?  
Outliers are not identified in these time series charts. Using the time series charts, units and networks can be benchmarked against other units, networks and the national result. The outlier identification and management process will continue to be conducted on hospital annual data and outliers will be published in line with the publication of the annual summary report each year. For more information about outliers and the NNAP outlier management process, see: <https://doct.ac.uk/Work-with-us/Statistics-and-data/Outliers-and-outcome-data/>

When was the data last updated?  
The card in the bottom left corner of this page shows the date on which the data was last updated.

Can I download the table data and patient list data?  
Yes, summary data downloads are available on the report. To download the data, hover your cursor over the table you want to download and select 'File options' > 'Export data' > 'Summary data' > 'File format': 'csv' > 'Export'. When downloading patient list (xls), please always be aware that patient list data should only be saved in secure locations.

How can I see the legend or key for the time series charts?  
The key that explains the lines on the time series chart is located on the right hand side of the Time series page and is listed as 'Chart Key'. It is a tooltip so if you hover your cursor over the text then the key will appear. The 'Chart Key' is not a button so clicking on it will have no effect. You can also hover your cursor over the chart itself to generate a tooltip that will provide explanation of the lines.

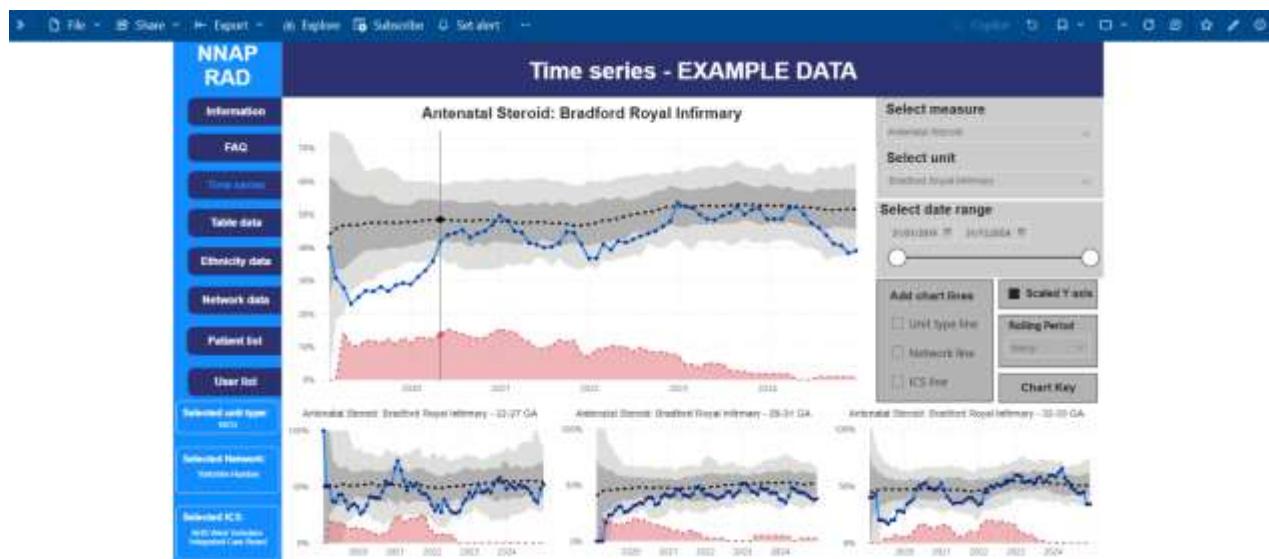
All the time series data points are monthly totals, can I see other time periods?  
Yes, although the default data points in the time series chart are presented as monthly totals, these can be changed to quarterly or annual rolling totals using the 'Rolling period' drag down on the right hand side of the time series page.

How do I access the publicly available dashboard?  
The Publicly Available Dashboard is available [here](https://www.doct.ac.uk/resources/nnap-data-dashboards). You can also use the 'page' button on the left hand side of the page to move between the reports.

**Image three: Frequently Asked Questions (FAQ) tab of the NNAP Restricted Access Dashboard (example data)**

The Frequently Asked Questions (FAQ) tab is where the project team stores commonly asked questions on the RAD. If you have a query, we encourage you to check the FAQ tab to see if it is covered here before contacting the team.

## 3.3 Time series tab



**Image four: Time series tab of the NNAP Restricted Access Dashboard (example data)**

The time series tab is open to both network and unit users, and shows a unit's compliance against all audit measures except Birth in a centre with a NICU and Mortality.

The **time series** charts display the unit's results over time against the national average and percentile ranges of the middle 50% (dark grey) and 80% (light grey) of units.

Measures can be changed via the '**select measures**' dropdown on the right-hand side of the screen. Beneath this, you can select your unit via the '**select unit**' dropdown and the time period of interest via the '**select data range**' calendar, or by slide the bar.

Lines can be added for the unit's integrated care system, network and unit type proportions via the '**add chart lines**' box. The integrated care system, network and unit type that are associated with your unit are displayed on the bottom left hand side of the screen.

You can scale the Y axis by clicking this box '**scaled Y axis box**'.

The chart can be adjusted from yearly to quarterly to monthly rolling data by the 'rolling period' dropdown.

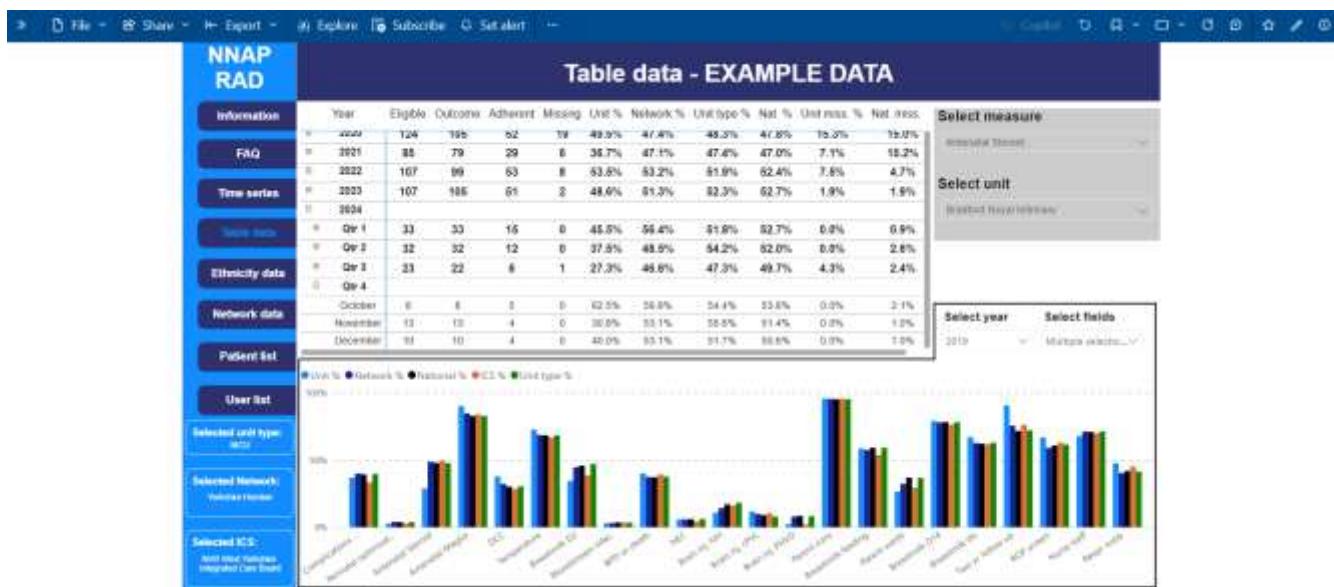
The **chart key** can be found by hovering over the chart.

	Unit proportion (assured)
	Unit proportion (unassured)
	ICS proportion
	Network proportion
	Proportion of units of the same type
	National proportion
	Unit missing data proportion
	Middle 50% of units
	Middle 80% of units

**Image five: Chart key found on the time series tab**

All filters that have been applied to the chart can be reset by click the refresh button at the top right-hand side of the screen.

## 3.4 Table data tab



**Image six: Table data tab of the NNAP Restricted Access Dashboard (example data)**

The table data page is open to both network and unit users and shows quarterly and annual data for each unit in tabular form, alongside integrated care system, network and national proportions. Measures can be changed via the '**select measures**' dropdown on the right-hand side of the screen. Beneath this, you can select your unit via the '**select unit**' dropdown

The data can be refined for each year into quarters and months by clicking the plus arrow, and then the minus to reset.

The page also displays a clustered bar graph that shows a unit's performance against all measures in a single chart. Additional bars representing network, national, integrated care systems and unit type proportions can be added or removed here via the '**select fields**' dropdown. You can select the year of interest via the '**select year**' dropdown.

All filters that have been applied to the chart can be reset by clicking the refresh button at the top right-hand side of the screen.

### 3.4.1 How to download table data

Table data can be downloaded by clicking the **three dots (more options button)** that appear while you hover over the table. Select '**export this data**'. Ensure that '**summarised data**' and '**CSV file**' is selected before clicking **export**. When downloading the data, make sure you have selected the data table before clicking the ellipsis.

### 3.5 Ethnicity data tab



**Image seven: Ethnicity data tab of the NNAP Restricted Access Dashboard (example data)**

The ethnicity data page shows tabular, annual data for a unit's performance against a set of measures, broken down by ethnicity and ethnicity subcategory. Ethnicity is based on mother's ethnicity. When this is missing, baby's ethnicity is used instead.

You can break down ethnicity into ethnicity subcategory by clicking on the plus button.

Select the measure, unit and year of interest via the dropdowns on the right-hand side of the screen. Data can be refined into gestational age breakdowns via the '**select gestational age**' dropdown.

This page also shows clustered bar graphs for each ethnic group for a particular measure. Click on each bar chart at the bottom of the page to refine the table data for a particular ethnic group. Hovering of the bar graph also displays the data for this group, including the upper and lower confidence interval.

The lines at the top of each bar show confidence intervals. Wider intervals mean we're less certain about the true average. The national group has more patients, giving us stronger evidence, so the confidence intervals are narrower.

## 3.6 Network data tab

**Network data - EXAMPLE DATA**

Year	Unit	Eligible	Outcome	Adherent	Missing	Unit %	Unit type %	Nat %	Undmiss %	Nat miss %
2024	RNU	713	706	373	7	52.8%	51.4%	51.6%	0.0%	1.8%
	Royal Derby Hospital	393	388	201	8	51.2%	51.2%	51.6%	0.2%	1.8%
	Rugby Mill Hospital	66	66	21	0	41.5%	31.2%	51.6%	1.5%	1.8%
	Wellingborough City Hospital	37	36	15	0	40.5%	31.2%	51.6%	1.1%	1.8%
	Orthopaedic General	48	46	21	0	47.9%	31.2%	51.6%	0.0%	1.8%
	Lincoln County Hospital	42	42	18	0	43.2%	31.2%	51.6%	0.0%	1.8%
	Neurosciences	44	43	28	0	60.5%	31.2%	51.6%	0.0%	1.8%
	RCGU	261	256	136	2	52.5%	51.8%	51.6%	0.8%	1.8%
	Leicester Royal Infirmary	161	164	103	2	38.0%	51.6%	51.6%	1.2%	1.8%
	Nottingham CARE	70	70	34	0	48.6%	31.6%	51.6%	0.0%	1.8%
	RCGU	88	88	38	0	61.0%	51.8%	51.6%	0.0%	1.8%
	Hopkins General Hospital	26	25	14	0	53.8%	51.6%	51.6%	0.0%	1.8%
	Queens Medical Centre	23	23	23	0	96.7%	51.6%	51.6%	0.0%	1.8%
	<b>Total</b>	<b>713</b>	<b>706</b>	<b>373</b>	<b>7</b>	<b>52.8%</b>	<b>51.4%</b>	<b>51.6%</b>	<b>0.0%</b>	<b>1.8%</b>

**Image eight: Network data tab of the NNAP Restricted Access Dashboard (example data)**

The network data page is designed for network users and shows tabular data for all units within a network, grouped by unit type.

For some measures, you will see cases attributed to an 'other' unit. This group contains any patients that we can attribute to the network, but for various reasons, including unit closures, cannot be attributed to a unit.

The data is designed to be viewed as a specific time period. However, if you want to review multiple years at the same time, push and hold 'control' on your keyboard and select all relevant years. This will allow you to download multiple years of data at once. Download table data can be achieved by clicking the three dots (more options button) that appear while you hover over the table. Select 'export this data'. Ensure that 'summarised data' and 'CSV file' is selected before clicking export.

## 3.7 Patient list tab

**Patient list - EXAMPLE DATA**

Year	Quarter	Month	Episode ID	Status	Details	NNAP measure
2024	Q1	January	EP_BM_01	Adherent	Breastmilk received complete	AM3
2024	Q1	February	EP_BM_02	Adherent	Breastmilk received complete	AM3
2024	Q1	March	EP_BM_03	Adherent	Breastmilk received complete	AM3
2024	Q1	April	EP_BM_04	Adherent	Breastmilk received complete	AM3
2024	Q1	May	EP_BM_05	Adherent	Breastmilk received complete	AM3
2024	Q1	June	EP_BM_06	Adherent	Breastmilk received complete	AM3
2024	Q1	July	EP_BM_07	Adherent	Breastmilk received complete	AM3
2024	Q1	August	EP_BM_08	Adherent	Breastmilk received complete	AM3
2024	Q1	September	EP_BM_09	Adherent	Breastmilk received complete	AM3
2024	Q1	October	EP_BM_10	Adherent	Breastmilk received complete	AM3
2024	Q1	November	EP_BM_11	Adherent	Breastmilk received complete	AM3
2024	Q1	December	EP_BM_12	Adherent	Breastmilk received complete	AM3
2024	Q2	January	EP_BM_13	Not adherent	Breastmilk received complete and steroids test dose Early	AM3
2024	Q2	February	EP_BM_14	Not adherent	Breastmilk received complete and steroids test dose Early	AM3
2024	Q2	March	EP_BM_15	Not adherent	Breastmilk received complete and steroids test dose Early	AM3
2024	Q2	April	EP_BM_16	Not adherent	Breastmilk received complete and steroids test dose Early	AM3
2024	Q2	May	EP_BM_17	Not adherent	Breastmilk received complete and steroids test dose Early	AM3
2024	Q2	June	EP_BM_18	Not adherent	Breastmilk received complete and steroids test dose Early	AM3
2024	Q2	July	EP_BM_19	Not adherent	Breastmilk received complete and steroids test dose Early	AM3
2024	Q2	August	EP_BM_20	Not adherent	Breastmilk received complete and steroids test dose Early	AM3
2024	Q2	September	EP_BM_21	Not adherent	Breastmilk received complete and steroids test dose Early	AM3
2024	Q2	October	EP_BM_22	Not adherent	Breastmilk received complete and steroids test dose Early	AM3
2024	Q2	November	EP_BM_23	Not adherent	Breastmilk received complete and steroids test dose Early	AM3
2024	Q2	December	EP_BM_24	Not adherent	Breastmilk received complete and steroids test dose Early	AM3
2024	Q3	January	EP_BM_25	Not adherent	Breastmilk received incomplete	AM3
2024	Q3	February	EP_BM_26	Not adherent	Breastmilk received incomplete	AM3
2024	Q3	March	EP_BM_27	Not adherent	Breastmilk received incomplete	AM3
2024	Q3	April	EP_BM_28	Not adherent	Breastmilk received incomplete	AM3
2024	Q3	May	EP_BM_29	Not adherent	Breastmilk received incomplete	AM3
2024	Q3	June	EP_BM_30	Not adherent	Breastmilk received incomplete	AM3
2024	Q3	July	EP_BM_31	Not adherent	Breastmilk received incomplete	AM3
2024	Q3	August	EP_BM_32	Not adherent	Breastmilk received incomplete	AM3
2024	Q3	September	EP_BM_33	Not adherent	Breastmilk received incomplete	AM3
2024	Q3	October	EP_BM_34	Not adherent	Breastmilk received incomplete	AM3
2024	Q3	November	EP_BM_35	Not adherent	Breastmilk received incomplete	AM3
2024	Q3	December	EP_BM_36	Not adherent	Breastmilk received incomplete and steroids test dose Blank	AM3
2024	Q4	January	EP_BM_37	Not adherent	Breastmilk received incomplete and steroids test dose Blank	AM3

**Image nine: Patient list tab of the NNAP Restricted Access Dashboard (example data)**

The patient list is visible only to unit users and contains data on all patients attributed to your unit.

The table contains a **status field**, which indicates the current classification of the patient, and a **details field** which indicates what data, if any, the patient is missing. Patients with **missing data will be highlighted in red**.

The table can be filtered by month/quarter/year by clicking on the dropdown for each particular year on the right-hand side of the screen. In this same location, you can select your measure of interest and select groups based on patient status, including adherent, non-adherent and missing data. These statuses are described in the [Glossary of terms](#).

Download table data can by clicking the three dots (more options button) that appear while you hover over the table. Select 'export this data'. Ensure that 'summarised data' and 'CSV file' is selected before clicking export.

### 3.7.1 Responsible measures

The patient list also contains 'responsible' measures for BPD, NEC, Breastmilk feeding at day 14 and all brain injury measures. Cases held under these 'responsible' measures are not attributed to your unit but do rely on your unit updating episodic data. For example, BPD data is collected at 36 weeks of life. Cases are attributed to hospital of birth for this measure. Therefore, if a baby is transferred to your unit and you care for them at 36 weeks of life, the unit of birth relies on you to ensure appropriate episode data is complete. Please ensure you regularly check and update any cases under the 'responsible' measures.

### 3.8 User list tab

Unit user list	User name
University Maternity Hospital	Ma A
University Maternity Hospital	Ma B
University Maternity Hospital	Ma C
University Maternity Hospital	Ma D
University Maternity Hospital	Ma E
University Maternity Hospital	Ma F
University Maternity Hospital	Ma G
University Maternity Hospital	Ma H
Wales-Hay Childrens Hospital	Wa F
Wales-Hay Childrens Hospital	Wa G
Wales-Hay Childrens Hospital	Wa H
Wales-Hay Childrens Hospital	Wa I
Wales-Hay Childrens Hospital	Wa J

Network user list	User name
East Midlands CDR	Em D
East Midlands CDR	Em E
East Midlands CDR	Em F
East Midlands CDR	Em G
East Midlands CDR	Em H
East Midlands CDR	Em I
East Midlands CDR	Em J
East of England Perinatal CDR	Er D
East of England Perinatal CDR	Er E
East of England Perinatal CDR	Er F
East of England Perinatal CDR	Er G

**Image ten: User list tab of the NNAP Restricted Access Dashboard (example data)**

The user list tab shows each user all other users that have access to their unit or network.

The tab should be checked periodically to ensure that only the correct users for a unit or network have access to that unit or networks data. Please email us at [nnap@rcpch.ac.uk](mailto:nnap@rcpch.ac.uk) if any users require their access removed.

You will also see a box with the email you are logged in with titled 'You are logged in as:'. If you have any issues displaying data on the RAD, it is helpful to check the correct email is displaying in this box.

## 4. Glossary of terms

<b>Eligible</b>	A patient or episode that meets the criteria for inclusion in a specific NNAP audit measure. Eligibility is determined by predefined rules for each measure, such as gestational age, admission type, or other clinical factors.
<b>Outcome</b>	The result or status is recorded (not missing) for an eligible patient or episode in relation to a specific audit measure. This is the denominator for the audit measure.
<b>Adherent</b>	A patient or episode is classified as “adherent” when the care provided meets the requirements or standards set out by the NNAP measure, or, for outcome measures, when the outcome of interest (e.g. NEC) is present for a patient.
<b>Non-adherent</b>	A patient or episode is classified as “non-adherent” when the care provided does not meet the requirements or standards set out by the NNAP measure, or, for outcome measures, when the outcome of interest (e.g. NEC) is not present for a patient.
<b>Missing</b>	This status is used when required data for a patient or episode is not available or has not been entered. Patients or episodes with missing data are highlighted in red in the patient list to prompt users to complete or correct the information, and missing data is displayed as a red area on the time series charts.
<b>Present</b>	In the patient lists, a patient or episode is classified as “present” when the outcome of interest (e.g. NEC) is present for a patient. This terminology is only used for outcome measures.
<b>Not present</b>	In the patient lists, a patient or episode is classified as “not present” when the outcome of interest (e.g. NEC) is not present for a patient. This terminology is only used for outcome measures.