

NNAP Restricted Access Dashboard

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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.

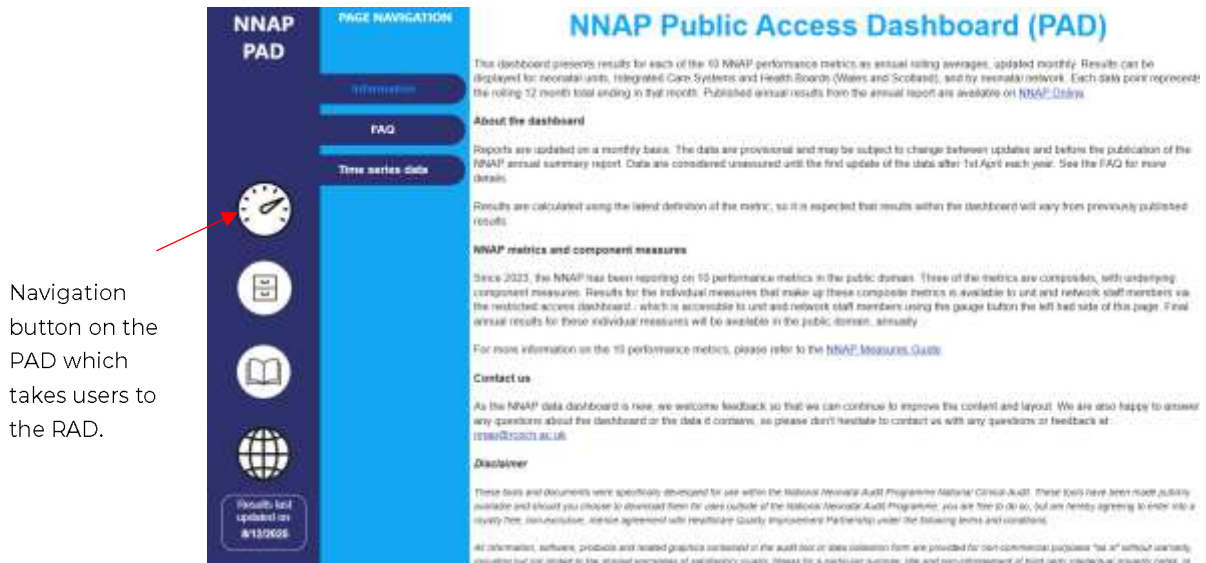


Image one: NNAP Public Access Dashboard (PAD)

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 with the name, role title and email address of users that require access.

3.1 Information tab

Refresh button

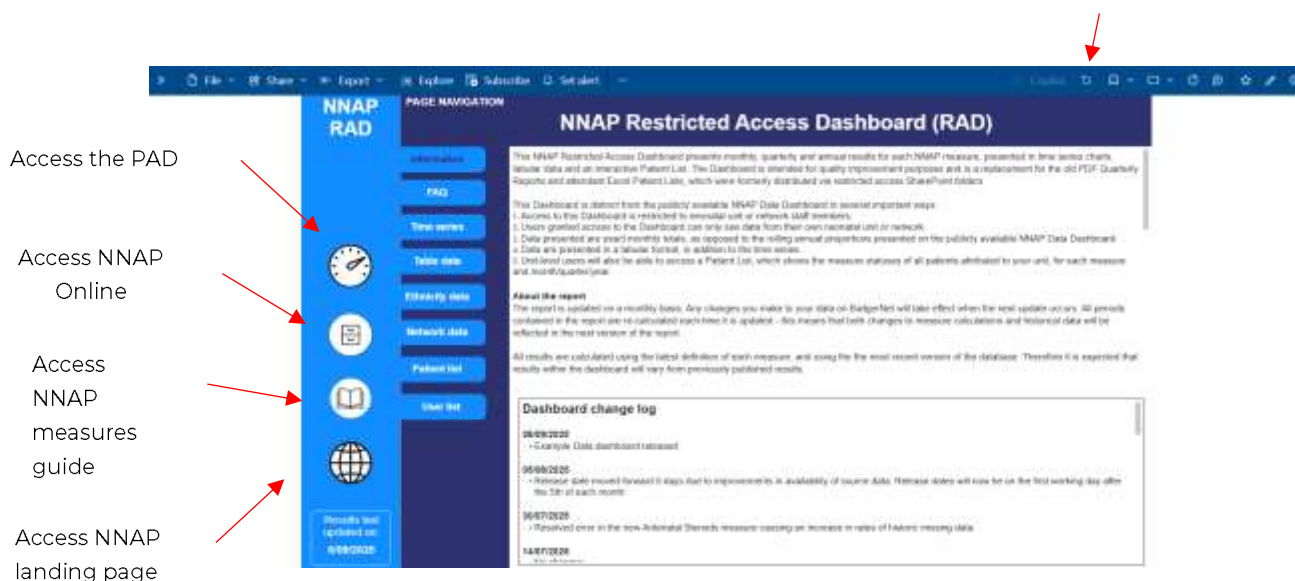


Image two: Information page of the NNAP Restricted Access Dashboard (example data)

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 5th 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



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

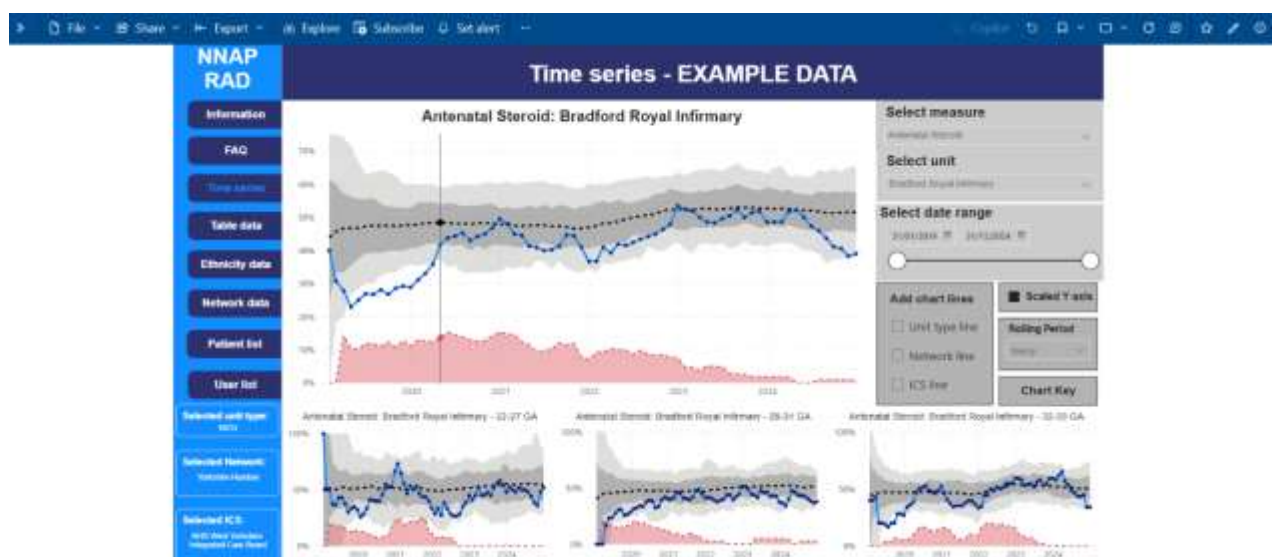


Image four: Time series tab of the NNAP Restricted Access Dashboard (example data)

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 you 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

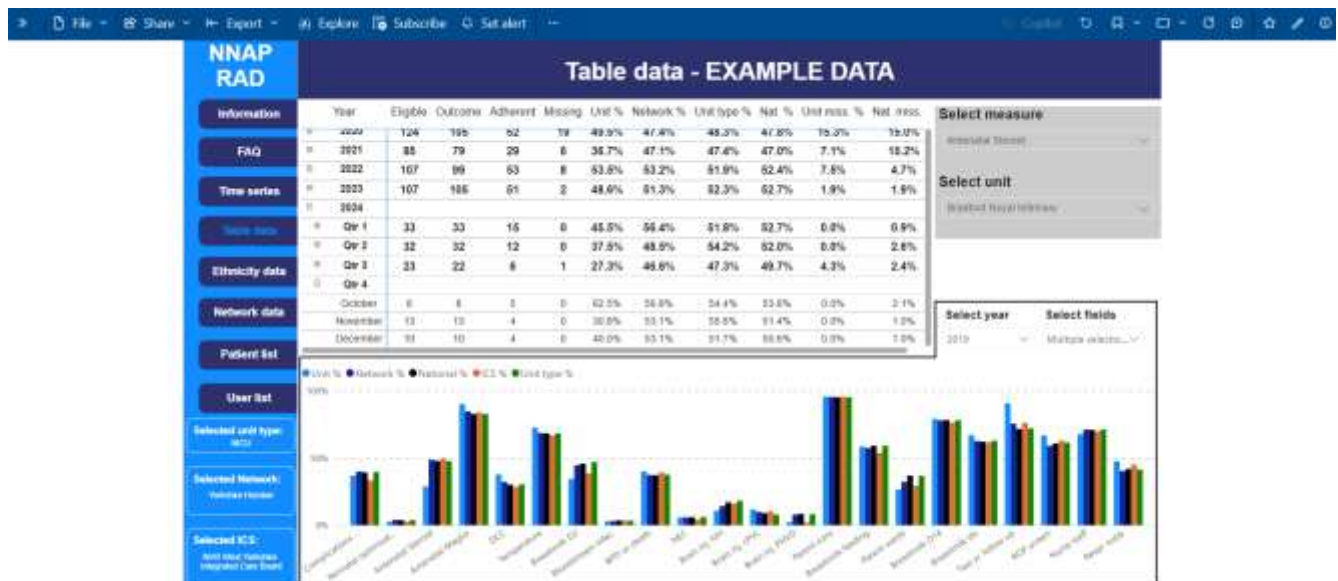


Image six: Table data tab of the NNAP Restricted Access Dashboard (example data)

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 you 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 click 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 of 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

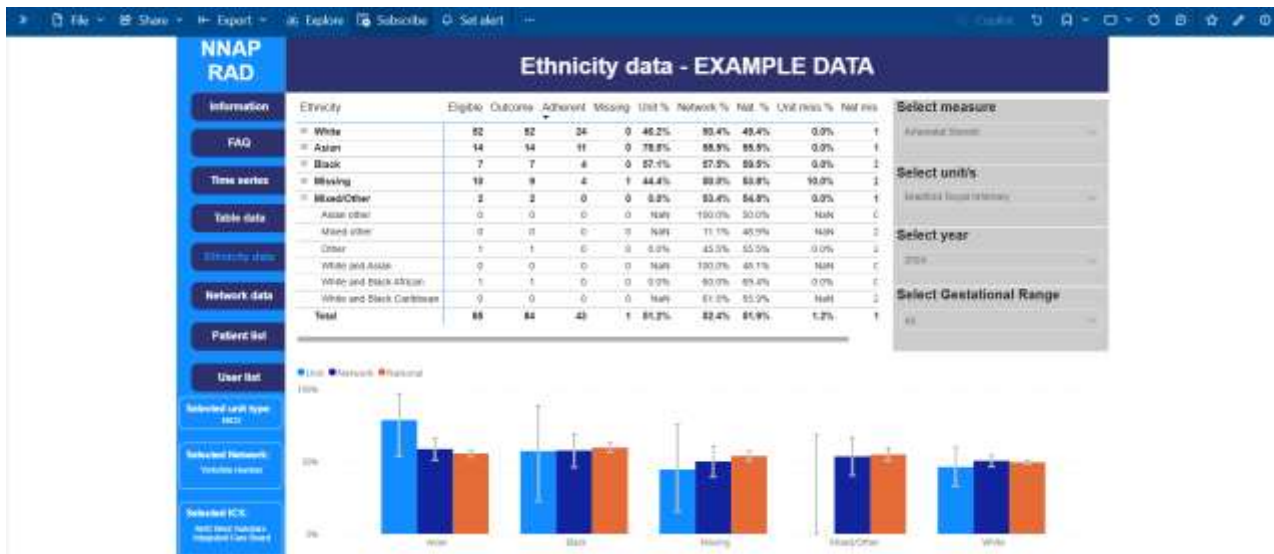


Image seven: Ethnicity data tab of the NNAP Restricted Access Dashboard (example data)

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	Eligible	Outcome	Adherent	Missing	Unit %	Unit type %	Net %	Unit miss %	Net miss %
2024		713	706	373	7	62.8%	61.4%	61.8%	1.0%	1.8%
LNU		393	388	201	8	61.0%	61.2%	61.8%	1.3%	1.8%
Royal Derby Hospital		107	104	68	8	62.8%	61.2%	61.8%	2.8%	1.8%
Kings Mill Hospital		80	80	23	1	41.8%	61.2%	61.8%	1.8%	1.8%
Nottingham City Hospital		17	96	43	0	40.0%	61.2%	61.8%	1.8%	1.8%
Nottingham General		48	46	23	8	47.5%	61.2%	61.8%	0.8%	1.8%
Lincoln County Hospital		42	42	18	8	45.2%	61.2%	61.8%	0.8%	1.8%
Nottingham		43	43	26	8	60.5%	61.2%	61.8%	0.8%	1.8%
RCU		201	206	136	3	62.5%	61.8%	61.8%	0.8%	1.8%
Leicester Neurology		101	108	102	2	54.0%	61.8%	61.8%	1.0%	1.8%
Nottingham QMC		70	70	34	8	48.6%	61.8%	61.8%	0.8%	1.8%
ACNU		88	89	38	8	61.0%	61.8%	61.8%	0.8%	1.8%
Nottingham General		26	26	14	8	53.8%	61.8%	61.8%	0.8%	1.8%
Queen's Medical Centre		33	33	23	8	69.7%	61.8%	61.8%	0.8%	1.8%
Total		713	706	373	7	62.8%	61.4%	61.8%	1.0%	1.8%

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

3.7 Patient list tab

Year	Quarter	Month	Episode ID	Status	Details	NNAP measure
2024	Qtr 1	January	EP_55_KJ	Adherent	Steroids courses complete	AMS
2024	Qtr 1	February	EP_56_KJ	Adherent	Steroids courses complete	AMS
2024	Qtr 1	March	EP_57_KJ	Adherent	Steroids courses complete	AMS
2024	Qtr 2	April	EP_58_KJ	Adherent	Steroids courses complete	AMS
2024	Qtr 2	May	EP_59_KJ	Adherent	Steroids courses complete	AMS
2024	Qtr 2	June	EP_60_KJ	Adherent	Steroids courses complete	AMS
2024	Qtr 3	July	EP_61_KJ	Adherent	Steroids courses complete	AMS
2024	Qtr 3	August	EP_62_KJ	Adherent	Steroids courses complete	AMS
2024	Qtr 3	September	EP_63_KJ	Adherent	Steroids courses complete	AMS
2024	Qtr 4	October	EP_64_KJ	Adherent	Steroids courses complete	AMS
2024	Qtr 4	November	EP_65_KJ	Adherent	Steroids courses complete	AMS
2024	Qtr 1	January	EP_66_KJ	Not adherent	Steroids courses complete and steroids last dose Early	AMS
2024	Qtr 1	February	EP_67_KJ	Not adherent	Steroids courses complete and steroids last dose Early	AMS
2024	Qtr 2	April	EP_68_KJ	Not adherent	Steroids courses complete and steroids last dose Early	AMS
2024	Qtr 2	June	EP_69_KJ	Not adherent	Steroids courses complete and steroids last dose Early	AMS
2024	Qtr 3	August	EP_70_KJ	Not adherent	Steroids courses complete and steroids last dose Early	AMS
2024	Qtr 3	September	EP_71_KJ	Not adherent	Steroids courses complete and steroids last dose Early	AMS
2024	Qtr 4	November	EP_72_KJ	Not adherent	Steroids courses complete and steroids last dose Early	AMS
2024	Qtr 1	January	EP_73_KJ	Not adherent	Steroids courses incomplete	AMS
2024	Qtr 1	February	EP_74_KJ	Not adherent	Steroids courses incomplete	AMS
2024	Qtr 2	April	EP_75_KJ	Not adherent	Steroids courses incomplete	AMS
2024	Qtr 2	May	EP_76_KJ	Not adherent	Steroids courses incomplete	AMS
2024	Qtr 2	June	EP_77_KJ	Not adherent	Steroids courses incomplete	AMS
2024	Qtr 3	July	EP_78_KJ	Not adherent	Steroids courses incomplete	AMS
2024	Qtr 3	August	EP_79_KJ	Not adherent	Steroids courses incomplete	AMS
2024	Qtr 3	September	EP_80_KJ	Not adherent	Steroids courses incomplete	AMS
2024	Qtr 4	October	EP_81_KJ	Not adherent	Steroids courses incomplete	AMS
2024	Qtr 4	November	EP_82_KJ	Not adherent	Steroids courses incomplete	AMS
2024	Qtr 1	January	EP_83_KJ	Not adherent	Steroids courses incomplete and steroids last dose Blank	AMS

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 be 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

The screenshot displays the 'User list - EXAMPLE DATA' tab in the NNAP RAD dashboard. The left sidebar contains navigation links: Information, FAQ, Time series, Table data, Ethnicity data, Network data, Patient list, and User list (selected). The main content area is divided into three sections: Guidance, Unit user list, and Network user list.

Guidance

The page shows all other users that have access to your unit or network's data in this dashboard.

These lists are intended to be used to assist in the management of user access.

Please review this user list periodically and inform the NNAP team if any users on the list no longer require access.

If you need a user removed from the list:

Send an email to nnap@rcpch.ac.uk with the name, email address and unit or network name of the user who needs to have their access removed. Please also CC your unit or network's Clinical Lead in that email.

If you need a user given access to your unit/network:

Your Clinical Lead will need to send an email to nnap@rcpch.ac.uk with the new user's email address, unit or network and name.

Please note:

- For unit users the Network user list will be blank.
- For network users the Unit user list will be blank.
- If several 2 weeks with no response from the user will be added to the user list.

You are logged in as:

Unit user list

Unit name	User Name
Remondie Maternity Hospital	Ms A
Remondie Maternity Hospital	Ms B
Remondie Maternity Hospital	Ms C
Remondie Maternity Hospital	Ms D
Remondie Maternity Hospital	Ms E
Remondie Maternity Hospital	Ms F
Remondie Maternity Hospital	Ms G
Remondie Maternity Hospital	Ms H
Remondie Maternity Hospital	Ms I
Remondie Maternity Hospital	Ms J
Remondie Maternity Hospital	Ms K
Remondie Maternity Hospital	Ms L

Network user list

Network name	User name
East Midlands ODN	Ms A
East Midlands ODN	Ms B
East Midlands ODN	Ms C
East Midlands ODN	Ms D
East Midlands ODN	Ms E
East Midlands ODN	Ms F
East Midlands ODN	Ms G
East Midlands ODN	Ms H
East Midlands ODN	Ms I
East Midlands ODN	Ms J
East Midlands ODN	Ms K
East Midlands ODN	Ms L

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 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

Eligible	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.
Outcome	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.
Adherent	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.
Non-adherent	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.
Missing	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.
Present	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.
Not present	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.