

National Neonatal Audit Programme Data Dashboard

User guide

Updated 23/08/23

About this guide

The NNAP data dashboard presents results for the 10 NNAP performance metrics as annual rolling averages, updated quarterly. Results can be displayed for neonatal units, Integrated Care Systems (England) and Health Boards (Wales and Scotland), and by neonatal network.

Access the dashboard at: www.rcpch.ac.uk/NNAP-data-dashboard

More information about the dashboard, and FAQ, can be found in the reporting tool.

More information about the NNAP performance metrics can be found at: www.rcpch.ac.uk/work-we-do/clinical-audits/nnap/measures

This guide explains how to navigate the dashboard and understand what the charts show you.

How to open the dashboard

In your browser, go to: www.rcpch.ac.uk/NNAP-data-dashboard

To view the dashboard in full screen, click on the arrows icon in the bottom right.

National Neonatal Audit Program

rcpch.ac.uk/resources/nnap/NNAP-data-dashboard

To navigate to the FAQs and the different views, click on the left side buttons or the bottom page numbers.

NNAP data dashboard

The dashboard presents results for each of the 10 NNAP performance metrics as annual rolling averages, updated quarterly. Results can be displayed for neonatal units, Integrated Care Systems and Health Boards (Wales and Scotland), and by neonatal network. First annual results up to 2021 are still available on [SDAC Online](#).

Information

FAQ

1. Mortality

2. Perinatal optimization

3. Complications

4. Parent consultation

5. Parental ward rounds

6. Bradenbill

7. Two-year follow-up

8. RCP screening

9. Nurse staffing

10. Respiratory support

Results last updated on 2023-03-01

As the NNAP data dashboard is new, we welcome feedback so that we can continue to improve the content and layout. We are also happy to answer any questions about the dashboard or the data it contains, so please don't hesitate to contact us with any questions or feedback at sdac@rcpch.ac.uk.

Disclaimer

This tool and document have specifically developed for use within the National Neonatal Audit Programme (NNAP). These tools have been made publicly available and should you choose to download them for use outside of the national neonatal audit programme, you are the sole user and are hereby agreeing to enter into a copy-right, non-exclusive, license agreement with Healthcare Quality Improvement Partnership under the following terms and conditions:

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Summary of the NNAP performance metrics

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Information page

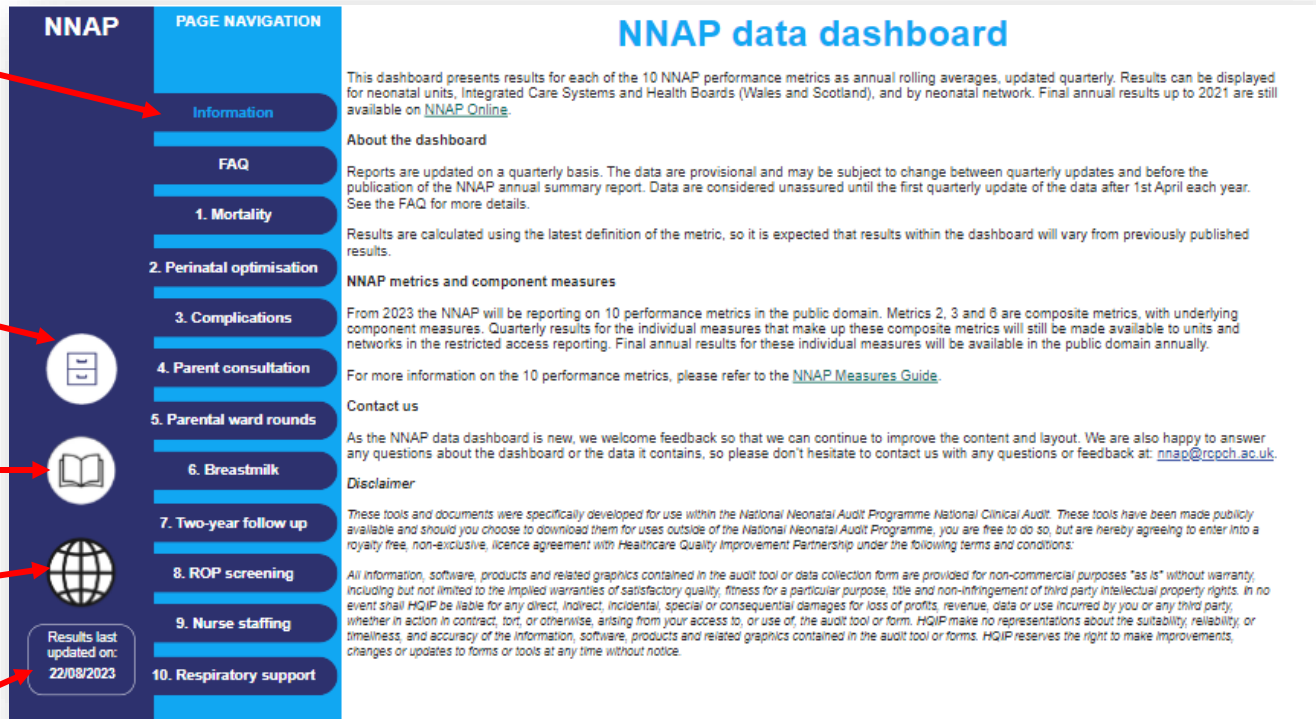
The first page has information about the dashboard. To navigate to the FAQs and the different views, click on the left side buttons.

The cabinet icon takes you to NNAP Online, which hosts annual NNAP results.

The book icon takes you to the NNAP measures guides.

The world icon takes you to the NNAP home page

Results last updated on: tells you the date that the dashboard was last updated.



The screenshot shows the NNAP data dashboard interface. On the left is a dark blue sidebar with the NNAP logo and a 'PAGE NAVIGATION' menu. The menu items are: Information (highlighted with a red arrow), FAQ, 1. Mortality, 2. Perinatal optimisation, 3. Complications, 4. Parent consultation, 5. Parental ward rounds, 6. Breastmilk, 7. Two-year follow up, 8. ROP screening, 9. Nurse staffing, and 10. Respiratory support. Below the menu is a box stating 'Results last updated on: 22/08/2023'. The main content area is titled 'NNAP data dashboard' and contains several sections: 'About the dashboard' (with a link to NNAP Online), 'Reports are updated on a quarterly basis...', 'Results are calculated using the latest definition of the metric...', 'NNAP metrics and component measures' (with a note about 2023 reporting), 'For more information on the 10 performance metrics, please refer to the NNAP Measures Guide.', 'Contact us' (with an email address), 'Disclaimer', and a detailed disclaimer at the bottom regarding the use of the audit tool and data collection forms.

FAQ page

The frequently asked questions page tells you in a bit more detail about the reports and the data included in them. If you have a question that isn't answered here, please contact us: nnap@rcpch.ac.uk

NNAP

PAGE NAVIGATION

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- 10. Respiratory support

Results last updated on: 22/08/2023

Frequently asked questions

How frequently is this data updated?
In 2023 the data contained in these charts is updated quarterly. From 2024 onwards, we may move to monthly data updates.

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 final 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://www.rcpch.ac.uk/work-we-do/clinical-audits/nnap/data-flow#outlier-management-policy>.

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.

What is the difference between assured and unassured results?
The data are provisional and may be subject to change between quarterly updates and before the publication of the NNAP annual summary report. As the NNAP data validation process takes place in March each year, data are considered unassured until the first quarterly update after 1 April each year. For example, results relating to the period 1 January 2023 to 31 December 2023 will be unassured until the first quarterly update after 1 April 2024. This update frequency may be updated to monthly in the 2024 data year.

Assured data points are presented as a dark blue triangle. Unassured data points are presented as a bright pink triangle.

All the data points are rolling 12 month totals, why can't I see the monthly or quarterly totals?
The data points in this report are presented as 12 month rolling periods to reduce risk of deductive disclosure and to improve the utility of the results for units with low numbers of patients. Exact quarterly data will be presented in restricted access reports provided directly back to services - so users from units and neonatal networks will be able see their own data in this format.

How do I access the restricted access reports?
Restricted access reports will be available for staff members from neonatal units and neonatal networks participating in the NNAP. These will be built in Power BI and accessible from this platform. Until these reports are available, we will continue to send out quarterly reports via SharePoint. If you require access please email nnap@rcpch.ac.uk, copying in your NNAP Clinical Lead.

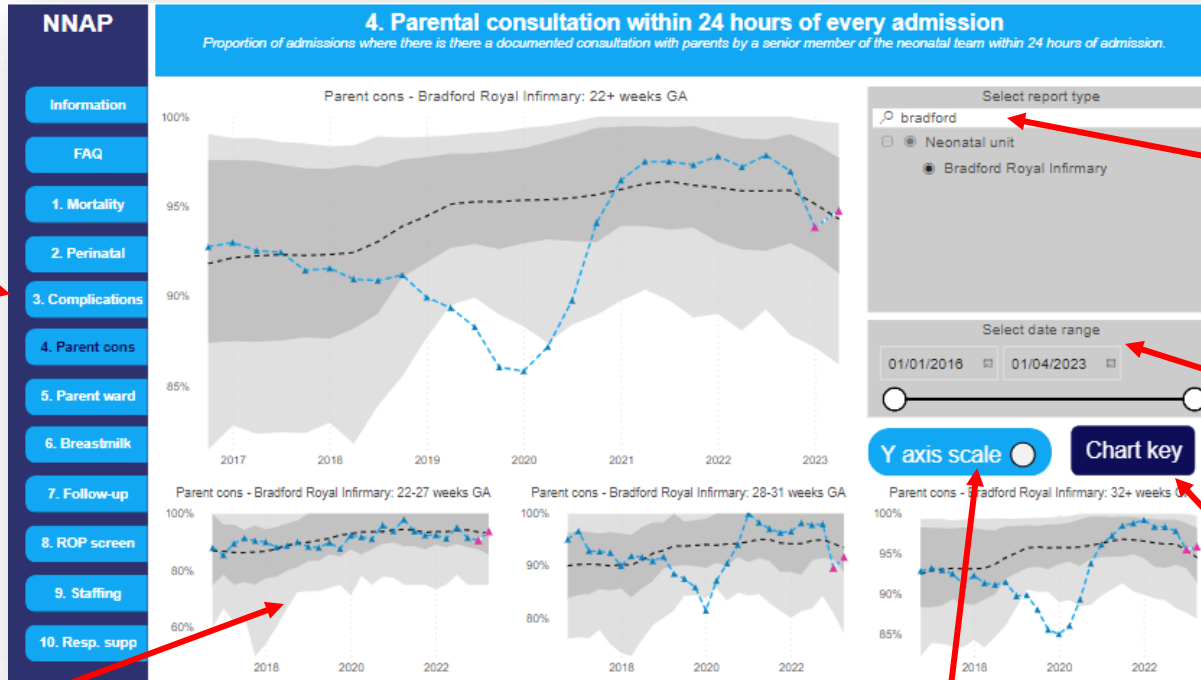
How are the charts scaled?
By default, we scale charts to enable the best view of the results. If you would like to switch the scaling so that you can see 0% to 100% on the Y axis, you can do so using the 'Y axis scale' button.

How are historical NNAP data reported?
It is sometimes necessary to change the way NNAP metrics are defined, or the methodology used, to respond to changes in the available data, changes in clinical practice, or to refocus quality improvement activity. To ensure that figures are comparable between years, all results are analysed using the most recent versions of the metric and measure methodologies. Due to this, results from previous years will not always match previously published NNAP annual results.

How is missing data handled in the results?

Example chart

Navigate between metrics using the light blue buttons numbered 1-10.



Select a neonatal unit, network or ICS/Health Board by typing the name in the search bar, or selecting from the drop down menu.

Only one can be selected at a time.

Change the date range using the slider or by typing different dates into the boxes.

Hover the cursor here to open the chart key

Where appropriate, charts are available displaying smaller gestational age ranges.

Toggle between full y axis scale (0-100%) and optimised scale.

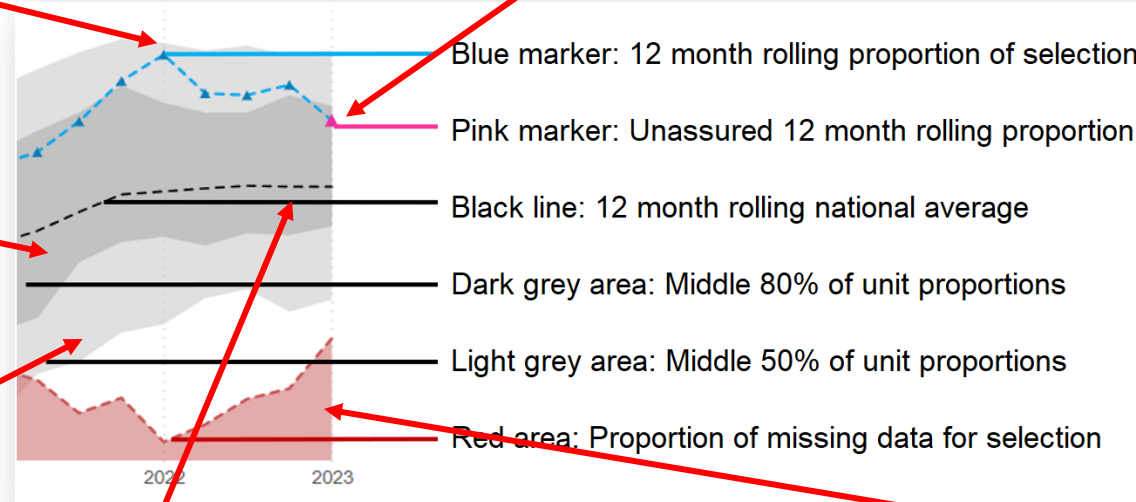
Understanding the chart

The blue marker shows the annual rolling average (based on previous 12 months) for the selected neonatal unit, neonatal network or ICS/Health Board.

The pink marker shows unassured data points. The NNAP data validated process takes place in March each year, data are considered unassured until the first quarterly update after 1 April.

The dark grey area shows the range of annual rolling averages for the middle 50% of units.

The light grey area shows the range of annual rolling averages for the middle 80% of units.



The black line shows the annual rolling average (based on previous 12 months) for across the audit (England, Scotland and Wales).

The red area show the proportion of missing data for the selected neonatal unit, neonatal network or ICS/Health Board. It's important to consider missing data when interpreting the results.

Please contact the team with any queries. We also welcome any feedback or comments to help us improve the dashboard.

nnap@rcpch.ac.uk