

Results at a glance

The National Neonatal Audit Programme (NNAP) assesses whether babies admitted to neonatal units receive consistent high-quality care and identifies areas for improvement.

This poster summarises both the combined national and network level results based on NNAP data relating to babies admitted to neonatal care between January and December 2024, unless otherwise stated. Results displayed in the horizontal pink bars show the range of neonatal network proportions (lowest and highest) and the pink circles shows the overall audit results. A green arrow, whether pointing up or down denotes a positive change, whereas a red arrow, pointing up or down denotes a negative change. An amber arrow denotes no change.

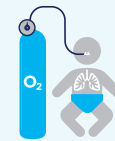
Outcomes of neonatal care



Mortality

6.4% of 7,038 babies born at less than 32 weeks died before discharge home.

→ 0% change from previous year (2023: 6.4%)



Bronchopulmonary dysplasia (BPD)

39.8% of 7,341 babies born at less than 32 weeks developed BPD or died.

↓ 0.3% decrease from previous year (2023: 40.1%)



Necrotising enterocolitis

5.1% of 6,909 babies born at less than 32 weeks developed necrotising enterocolitis.

↓ 0.4% decrease from previous year (2023: 5.5%)



Bloodstream infection

5.1% of 7,063 babies born at less than 32 weeks had growth of a clearly pathogenic organism.

↑ 0.5% increase from previous year (2023: 4.6%)



Preterm brain injury - Intraventricular haemorrhage (IVH)

6.4% of 6,880 babies born at less than 32 weeks experienced IVH.

↓ 0.2% decrease from previous year (2023: 6.6%)



Preterm brain injury - cystic periventricular leukomalacia (cPVL)

3% of 6,871 babies born at less than 32 weeks experienced cPVL.

↑ 0.5% increase from previous year (2023: 2.5%)



Optimal perinatal care



Antenatal steroids

51.8% of 11,321 mothers of babies born at less than 34 weeks' were given a full course of antenatal steroids in the week prior to delivery.

↓ 1.2% decrease from previous year (2023: 53%)



Born in a centre with a NICU

80.7% of 1,920 babies born at less than 27 weeks' were born in a centre with a NICU on site.

↑ 1.1% increase from previous year (2023: 79.6%)



Deferred cord clamping

73.5% of 12,894 babies born at less than 34 weeks' had their cord clamped at or after one minute.

↑ 5% increase from previous year (2023: 68.5%)



Temperature on admission

77.6% of 13,077 babies born at less than 34 weeks' were admitted with a temperature within the recommended range of 36.5°C-37.5°C.

↑ 2.6% increase from previous year (2023: 75%)



Antenatal magnesium sulphate

86.7% of 3,795 mothers of babies born at less than 30 weeks' were given antenatal magnesium sulphate.

↑ 1.5% increase from previous year (2023: 85.2%)



Breastmilk feeding in first 2 days of life

66.8% of 12,874 babies born at less than 34 weeks' received their mother's milk in the first 2 days of life.

↑ 4.7% increase from previous year (2023: 62.1%)



Parental partnership in care

WITHIN
14
DAYS



Breastmilk feeding at 14 days of life

80.8% of 11,601 babies born at less than 34 weeks' received their mother's milk at 14 days of life.

↑ 1.4% increase from previous year (2023: 79.4%)

72.7% **80.8%** 89.6%

AT
DISCHARGE



Breastmilk feeding at discharge

65.8% of 11,596 babies born at less than 34 weeks' received their mother's milk at discharge.

↑ 2.7% increase from previous year (2023: 63.1%)

50.1% **65.8%** 84.6%



Parent consultation within 24 hours

94.6% of 56,864 parents had a documented consultation with a senior member of the neonatal team within 24 hours of their baby's admission.

↓ 0.5% decrease from previous year (2023: 95.1%)

92.2% **94.6%** 96.7%



Parent inclusion in consultant ward rounds

36% of 772,337 baby care days had a consultant-led ward round with at least one parent included.

↓ 2.7% decrease from previous year (2023: 38.7%)

25.2% **36%** 58.2%

Care processes and nurse staffing



On-time screening for retinopathy of prematurity (ROP)

80% of 6,725 eligible babies were screened on time for ROP.

↑ 1.5% increase from previous year (2023: 78.5%)

68.9% **80%** 88.2%

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Medical follow up at two years

77.9% of 3,890 babies born at less than 30 weeks' had a documented medical follow up at the right time.

↑ 0.7% increase from previous year (2023: 77.2%)

67.7% **77.9%** 85.8%

Non-invasive breathing support

51.7% of 6,642 babies born at less than 32 weeks' received only non-invasive breathing support in the first seven days of life.

↑ 2.4% increase from previous year (2023: 49.3%)

43.3% **51.7%** 61.7%



Neonatal nurse staffing

81.5% of 124,981 nursing shifts were staffed according to recommended levels.

↑ 2.6% increase from previous year (2023: 78.9%)

66.3% **81.5%** 91.1%

Further information and resources

For neonatal services, neonatal networks and trusts/health boards

Full annual results

Full annual results at neonatal unit and network levels, interactive reporting tools and unit posters are available on NNAP Online at:

www.rcpch.ac.uk/resources/nnap-online-report-data

Extended Analysis Report

The NNAP 2024 Data: Extended Analysis Report, providing in-depth results and a summary of findings by audit measure, along with full national recommendations, local quality improvement recommendations and links to case studies and useful resources is available at: www.rcpch.ac.uk/nnap

For parents and families

Your Baby's Care Guide 2024

Parents and families can find more information about the NNAP and 2024 results in **Your Baby's Care**, a guide to the NNAP, while **NNAP Online** provides more in-depth results for each neonatal unit and network in England, Wales, Scotland and Isle of Man.

Your Baby's Care: www.rcpch.ac.uk/your-babys-care
NNAP Online: www.rcpch.ac.uk/resources/nnap-online-report-data

How we use information



To find out more about how we use information about babies experiencing neonatal care and their mothers, visit www.rcpch.ac.uk/your-babys-information or scan the QR code with your phone to read our leaflet, *Your Baby's Information*.