

# 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 the results based on NNAP data relating to babies admitted to neonatal care between January and December 2022<sup>†</sup>, unless otherwise stated. Results displayed in the horizontal pink bars show the range of neonatal network proportions (lowest and highest) and the pink circle shows the overall audit (England, Scotland and Wales) proportion.

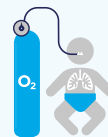
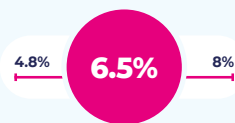
## Outcomes of neonatal care



### Mortality

6.5% of babies born at less than 32 weeks\* died before discharge home.

\*born July 2019 to June 2022



### Bronchopulmonary dysplasia

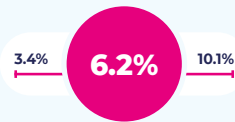
39.7% of babies born at less than 32 weeks\* developed BPD or died.

\*discharged January 2020 to December 2022



### Necrotising enterocolitis

6.2% of babies born at less than 32 weeks developed necrotising enterocolitis.



### Bloodstream infection

5.4% of babies born at less than 32 weeks had growth of a clearly pathogenic organism.



### Preterm brain injury - Intraventricular haemorrhage (IVH)

7.5% of babies born at less than 32 weeks experienced IVH. Missing data was high (13.9%).



### Preterm brain injury - cystic periventricular leukomalacia (cPVL)

2.6% of babies born at less than 32 weeks experienced cPVL. Missing data was high (17.2%).



## Optimal perinatal care



### Antenatal steroids

52% of mothers of babies born at less than 34 weeks were given a full course of antenatal steroids in the week prior to delivery.



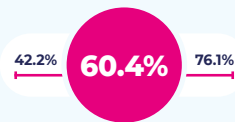
### Born in a centre with a NICU

79% of babies born at less than 27 weeks were born in a centre with a NICU on site.



### Deferred cord clamping

60.4% of babies born at less than 34 weeks had their cord clamped at or after one minute.



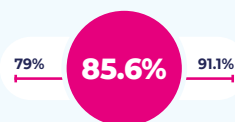
### Temperature on admission

76.3% of babies born at less than 32 weeks were admitted with a temperature within the recommended range of 36.5°C-37.5°C.



### Antenatal magnesium sulphate

85.6% of mothers of babies born at less than 30 weeks were given antenatal magnesium sulphate.



### Breastmilk feeding in first 2 days of life

49% of babies born at less than 34 weeks received their mother's milk in the first 2 days of life.



<sup>†</sup>For Scotland, results relate to babies admitted between April and December 2022.

## Parental partnership in care

WITHIN  
14  
DAYS



### Breastmilk feeding at 14 days of life

79% of babies born at less than 34 weeks received their mother's milk at 14 days of life.

71.6% **79%** 87.6%

AT  
DISCHARGE



### Breastmilk feeding at discharge

62.9% of babies born at less than 34 weeks received their mother's milk at discharge.

48.6% **62.9%** 79.3%



### Parent consultation within 24 hours

95.9% of parents had a documented consultation with a senior member of the neonatal team within 24 hours of their baby's admission.

93.7% **95.9%** 98%



### Parent inclusion in consultant ward rounds

47.2% of baby care days had a consultant-led ward round with at least one parent included.

36.8% **47.2%** 60.3%

## Care processes and nurse staffing



### On-time screening for retinopathy of prematurity (ROP)

69% of eligible babies were screened on time for ROP.

49.8% **69%** 77.3%

I am  
2



### Medical follow up at two years

74.4% of babies born at less than 30 weeks had a documented medical follow up at the right time.

58.8% **74.4%** 83.4%



### Non-invasive breathing support

47.6% of babies born at less than 32 weeks received only non-invasive breathing support in the first seven days of life.

39.5% **47.6%** 58.3%



### Neonatal nurse staffing

71.1% of nursing shifts were staffed according to recommended levels.

56.8% **71.1%** 85.3%

## Further information and resources

### For neonatal services, neonatal networks and NHS Health Boards/Trusts

#### 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.nnap.rcpch.ac.uk](http://www.nnap.rcpch.ac.uk)

#### Extended Analysis Report

The NNAP 2022 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-report-2022-data](http://www.rcpch.ac.uk/nnap-report-2022-data)

## For parents and families

#### Your Baby's Care Guide 2022

Parents and families can find more information about the NNAP and 2022 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, Scotland and Wales.

Your Baby's Care: [www.rcpch.ac.uk/your-babys-care](http://www.rcpch.ac.uk/your-babys-care)  
NNAP Online: [www.nnap.rcpch.ac.uk](http://www.nnap.rcpch.ac.uk)

#### How we use information



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