🖼 National Neonatal Audit Programme

Understanding Practice in Clinical Audit and Registries (UPCARE): Programme name	National Neonatal Audit Programme
Workstream name (if applicable)	Not applicable
Contract status	Ongoing
Audit or non-audit	Audit
HQIP commissioned	Yes
HQIP AD	TS
HQIP PM	VED
Included in current NHS Quality Accounts	Yes
1.10 Geographical coverage - HQIP agreement	England; Wales; Scotland; Isle of Man
1.3 Healthcare setting	NHS secondary care

1.4 Inclusion and exclusion criteria

The following inclusion criteria apply to all NNAP measures:

- Babies who were admitted for neonatal care
- Babies who had care provided by an NNAP unit
- Babies whose parents or carers have not opted them out of secondary use of their data

Further criteria specific to each audit measure can be found in the measure descriptions provided in the NNAP measures guides which can be found at: https://www.rcpch.ac.uk/work-we-do/clinical-audits/nnap/measures

1.5 Methods of data submission	Extract from electronic patient system
1.7 Data flow diagram	https://www.rcpch.ac.uk/work-we-do/clinical-audits/nnap/data-flow

1.8 Data quality & analysis plan

Full details can be found in the Methodology and Statistical analysis plan available at:

https://www.rcpch.ac.uk/sites/default/files/2023-10/nnap_methodology_and_statistical_analysis_plan_2022_v2.0.pdf

1.9 Outlier policy   The NNAP policy for the detection of management of outlier status for 2022 data is available at: https://www.rcpch.ac.uk/sites/default/files/2023-07/outlier_management_nnap_2022_data_v1.2.pdf

2.1 Outcome measures   The 10 performance metrics for the 2023 data year are summarised below:

1. Mortality until discharge.
2. Optimal perinatal care composite metric (Component measures: antenatal steroids, antenatal magnesium sulphate, birth in a centre with a NICU, deferred cord clamping, normal temperature on admission, breastmilk feeding in the first 2 days of life).
3. Clinical outcomes composite metric (Component measures: bloodstream infection, BPD, NEC, preterm brain injury).
4. Parental consultation within 24 hours of every admission.
5. Parental inclusion in consultant ward rounds.
6. Breastmilk feeding composite metric (Component measures: breastmilk feeding at day 14, breastmilk feeding at discharge home)
7. Follow-up at two years
8. On-time screening for retinopathy of prematurity.
9. Neonatal nurse staffing
10. Non-invasive breathing support

Full details can be found in the 2023 measures guide available at:

https://www.rcpch.ac.uk/sites/default/files/2023-06/2023_nnap_audit_measures_guide_v1.1_jun_23.pdf

2.2 Process measures   The 10 performance metrics for the 2023 data year are summarised below:

1. Mortality until discharge.
2. Optimal perinatal care composite metric (Component measures: antenatal steroids, antenatal magnesium sulphate, birth in a centre with a NICU, deferred cord clamping, normal temperature on admission, breastmilk feeding in the first 2 days of life).
3. Clinical outcomes composite metric (Component measures: bloodstream infection, BPD, NEC, preterm brain injury).
4. Parental consultation within 24 hours of every admission.
5. Parental inclusion in consultant ward rounds.
6. Breastmilk feeding composite metric (Component measures: breastmilk feeding at day 14, breastmilk feeding at discharge home)
7. Follow-up at two years
8. On-time screening for retinopathy of prematurity.
9. Neonatal nurse staffing
10. Non-invasive breathing support

Full details can be found in the 2023 measures guide available at:

https://www.rcpch.ac.uk/sites/default/files/2023-
06/2023_nnap_audit_measures_guide_v1.1_jun_23.pdf

2.3 Organisational measures	Not applicable.
2.4 Patient reported outcome measures	Not applicable.
2.5 Patient reported experience measures	Not applicable.
2.6a Do measures align with any of the following sources of evidence (select all that apply)	NICE clinical guideline; Professional society; Other (please add to 2.6b below); Royal College
2.6b Evidence supplemental information	- British Association of Perinatal Medicine (BAPM) Service Standards for Hospitals Providing Neonatal Care https://www.bapm.org/resources/32-service-standards-for-hospitals-providing-neonatal-care-3rd-edition-2010 - NHS England Neonatal Critical Care Service Specification https://www.england.nhs.uk/commissioning/wp-content/uploads/sites/12/2015/01/e08-serv-spec-neonatal-critical.pdf - NHS Wales. All Wales Neonatal Standards – 3rd Edition https://executive.nhs.wales/our-functions/networks-and-planning/maternity-and-neonatal-services/information-for-professionals/professional-documents/all-wales-neonatal-standards-third-edition/ - NICE guideline [NG25], Preterm Labour and Birth https://www.nice.org.uk/guidance/ng25 - NICE guideline [NG72] Developmental follow-up of children and young people born preterm. https://www.nice.org.uk/guidance/ng72 - NICE guideline; [NG124] Specialist neonatal respiratory care for babies born preterm. https://www.nice.org.uk/guidance/ng124 - Royal College of Ophthalmologists/Royal College of Paediatrics and Child Health Guideline for the screening and treatment of Retinopathy of Prematurity (2022) https://www.rcpch.ac.uk/resources/screening-retinopathy-prematurity-rop-clinical-guideline
3.1 Results visualisation	Interactive online portal (run charts not available); Annual report; Patient report; Interactive online portal (run charts available)
3.2 Levels of reporting	Hospital; Regional network; National; Integrated care system (ICS)
3.3 Timeliness of results feedback	Within 3 months

Dataset #1 name Clinical Audit

Dataset #1 type Clinical audit - continuous

Dataset #1 items collected (n) 0

Dataset #1 items from existing national datasets (n) 367

Dataset #1 use of existing national datasets BadgerNet

Dataset #1 specification The NNAP data dictionary is available at: https://www.rcpch.ac.uk/sites/default/files/2023-12/nnap_data_dictionary_v4.1_nov_23.pdf

Dataset #3 name Not applicable

Dataset #4 name Not applicable

When was your Healthcare Improvement Plan (sometimes referred to as a Quality Improvement Plan) last reviewed? Please upload under 'Files' below using naming convention ('yyyymmdd_PROGRAMME-Workstream-HIplan'). 07/06/2023

Files 20230607_NNAP-Workstream-HIplan.pdf