🖺 National Respiratory Audit Programme (was National Asthma and COPD Audit Programme)

UPCARE: Programme name - please do not change this field.*	National Respiratory Audit Programme (was National Asthma and COPD Audit Programme)
Workstream name (if applicable) - please do not change this field.*	Children and Young People Asthma
Contract status	Ongoing
Audit or non-audit	Audit
HQIP commissioned*	Yes
HQIP AD	JC
HQIP PM	SB
1.0 Included in current NHS Quality Accounts*	Yes
1.1a Geographical coverage - HQIP agreement*	England; Wales
1.2a Topic - please select which ONE of the following best describes the topic area for the programme or workstream. If more than one apply, please select 'Other' and add comment to the next question.*	Respiratory
1.3a Healthcare setting*	NHS secondary or tertiary care

1.4 Inclusion and exclusion criteria*

Include patients
• who are between 1 and 5 years old on the date of arrival and have been admitted* to a hospital paediatric service with a primary diagnosis of an asthma attack OR a primary diagnosis of wheeze AND a secondary diagnosis of asthma (include patients where this was initially unclear, but later identified as an asthma attack/wheeze AND asthma attack)

• who are between 6 and 18 years old on the date of arrival and have been admitted* to a hospital paediatric service with a primary diagnosis of an asthma attack.
*Where admission is an episode in which a patient with an asthma attack is admitted and stayed in hospital for 4 hours or more
(this includes Acute Medical Units (AMU), Clinical Decision Units/Children's Observation Units, short stay wards or similar,

but excludes patients treated transiently before discharge from the Emergency Department (ED)).

Exclude patients
• under the age of 1 (due to the complex nature of diagnosing asthma in this age group);

• in whom an initial diagnosis of an asthma attack was revised to an alternative diagnosis at a later stage of the admission;

• who are between 16 and 18 years old, but managed on an adult ward.
Please note: only children and young people who have been coded with the ICD-10 codes listed under the Pop-up helpnote for this question should be entered into the audit.

Include patients

• Children aged 1-5
o J45.0 - Predominantly allergic asthma (primary diagnosis)
o J45.1 - Nonallergic asthma (primary diagnosis)
o J45.8 - Mixed asthma (primary diagnosis)
o J45.9 - Asthma, unspecified (primary diagnosis)
o J46 - Status asthmaticus (Includes.: Acute severe asthma) (primary diagnosis)
o R06.2 - Wheezing (primary diagnosis) AND any of the asthma codes listed above as a secondary diagnosis
o * NEW (01/04/23) * B34.9 – Viral infection (primary diagnosis) AND R06.2 – Wheezing (secondary diagnosis) AND any of the asthma codes listed above as a third diagnosis

• CYPs aged 6-18
o J45.0 - Predominantly allergic asthma (primary diagnosis)
o J45.1 - Nonallergic asthma (primary diagnosis)
o J45.8 - Mixed asthma (primary diagnosis)
o J45.9 - Asthma, unspecified (primary diagnosis)
o J46 - Status asthmaticus (Includes.: Acute severe asthma) (primary diagnosis)

1.5 Methods of data submission*

Bespoke data submission by healthcare provider

1.6a 2023/24 data submission closes - please indicate date, series of dates or frequency.*

Children and young people asthma

For an annual cohort NRAP have in place quarterly data submission deadlines. These quarterly data deadlines started in conjunction with the new contract 01 June 2023.

Data submission deadline for the cohort:

01 April 2023 to 30 September 2023 - 10 November 2023

01 October 2023 to 31 December 2023 - 09 February 2024

01 January 2023 to 31 March 2024 - 10 May 2024

1.6b 2024/25 data submission closes - please indicate date, series of dates or frequency.*	***Children and young people asthma*** For an annual cohort NRAP have in place quarterly data submission deadlines. Data submission deadline for the cohort: 01 April 2024 to 30 June 2024 - 09 August 2024 01 July 2024 to 30 September 2024 - 15 November 2024 01 October 2024 to 31 December 2024 - 14 February 2025 01 January 2025 to 31 March 2025 - 16 May 2025
1.7 Data flow diagram	https://www.rcplondon.ac.uk/projects/outputs/support-service-teams-children-and-young-people-s-asthma Data flow diagram is uploaded within 'files' section.
1.8 Data quality & analysis plan	COPD, adult asthma, Children and young people's asthma and PR The audits are currently running continuously. The audit datasets will be reviewed and streamlined annually. This will involve consultation (including with patients/carers), review of poorly completed/highly burdensome items, and reappraisal of the evidence. Comprehensive validation rules are built into the web-tool to ensure that incorrect, conflicting and/or illogical data cannot be saved. Pop-up warnings appear for values that are plausible, but rare. There should be no missing data, as all questions are 'mandatory' and records cannot be locked until all data items are completed. If sites attempt to lock an incomplete record, a pop-up appears, directing them to the incomplete fields. https://www.rcplondon.ac.uk/file/42891/download - combined report methodology report
1.9 Outlier policy	To be actioned within new contract period 2023/2026.
2.1 Outcome measures	Children and Young People Asthma Secondary Care - Mortality - once per contract period (2023/2026) - Length of stay - annually via report - Readmissions - once per contract period (2023/2026) https://www.rcplondon.ac.uk/projects/outputs/clinical-outcomes-summary-report-201820
2.2 Process measures	Children and young people secondary care Reported KPIs via regional reports and benchmarking tables - Steroids administered within 1 hour of arrival at hospital for children and young people of 6-18 years old - Current smokers (patients) with tobacco dependency addressed - Current smokers (parent/carer) with tobacco dependency addressed

- Inhaler technique checked as part of discharge planning
- Personalised Asthma Action Plan (PAAP) issued/reviewed as part of discharge planning

https://www.rcplondon.ac.uk/projects/outputs/drawing-breath-clinical-audit-report-202122

2.3 Organisational measures	Children and young people secondary care organisational report

https://www.rcplondon.ac.uk/projects/outputs/reports-children-and-young-peoples-asthma

2.4 Patient reported outcome measures	N/A

2.5 Patient reported experience measures	N/A

2.6a Do measures align with any of the following sources of evidence (select all that apply)	NICE quality standard; NICE clinical guideline; Royal College; Professional society

2.6b Evidence supplemental information

Children and young people asthma secondary care

Clinical guidance

- BTS/SIGN British guideline on the management of asthma https://www.brit- org.uk/document-library/guidelines/asthma/btssign-guideline-for-the- management-of-asthma-2019/

Clinical standards

- NICE quality standard QS25 https://www.nice.org.uk/guidance/qs25

Professional society recommendations

- The Royal College of Emergency Medicine. Asthma in children clinical audit report
- https://rcem.ac.uk/wp-content/uploads/2021/11/Asthma_in_Children_Clinical_Audit_2013_14.pdf
- Why asthma still kills, The National Review of Asthma Deaths (NRAD) https://www.rcplondon.ac.uk/projects/outputs/why-asthma-still-kills

3.1 Results visualisation	Interactive online portal (run charts available); Static data files; Annual report

3.2a Levels of reporting*	Trust or health board; National; Hospital or specialist unit; Integrated care system (ICS); NHS region or other geographic area

3.3 Timeliness of results feedback	Within 1 year; Within 6 months; Within 1 month

3.4 Link to dynamic reporting*	https://www.nrap.org.uk/; https://www.nrap.org.uk/nacap/CYPAcharts.nsf
2023/24 Dataset covers the period FROM/TO (within financial year 01/04 to 31/03)*	01/04/2023 - 31/03/2024
2024/25 Dataset covers the period FROM/TO (within financial year 01/04 to 31/03)*	01/04/2024 - 31/03/2025
Dataset #1 name	Children and young people asthma, secondary care, clinical audit
Dataset #1 type*	Clinical audit
Dataset #1 population coverage*	All eligible patients
Dataset #1 items collected (n)	39
Dataset #1 items from existing national datasets (n)	2
Dataset #1 use of existing national datasets	Hospital episode statistics (HES); Patient episode database for Wales (PEDW); Office for National Statistics (ONS)
Dataset #1 specification	Data set is uploaded within 'files' section.
Dataset #2 name	Children and young people asthma, secondary care, organisational audit
Dataset #2 type*	Organisational audit
Dataset #2 items collected (n)	41
Dataset #2 items from existing national datasets (n)	0
Dataset #2 specification	Data set is uploaded within 'files' section.
Dataset #3 name	Not applicable
Dataset #4 name	Not applicable
When was your Healthcare Improvement Plan	18/12/2023

(sometimes referred to as a Quality Improvement Plan) last reviewed? Please upload under 'Files' below using naming convention ('yyyymmdd_PROGRAMME-Workstream-HIplan').	
National report publication date (within calendar year 01/01 - 31/12/2023)*	12 January 2023 - Drawing Breath - clinical audit report 2021/22 https://www.rcplondon.ac.uk/projects/outputs/drawing-breath-clinical-audit-report-202122
Published/planned national report publication date (within calendar year 01/01 - 31/12/2024)*	30 June 2024 (exact date TBC) - Breathing well: A nationwide assessment of respiratory care - combined clinical audit report 2022/23
Planned national report publication date (within calendar year 01/01 - 31/12/2025)*	30 June 2025 (exact date TBC) - combined clinical audit report 2023/24
Please add the most recent date that you have reviewed and updated an online version of UPCARE Workstream section(s) on your project's website (click into the response to see pop-up guidance).	11/03/2024
Please add a hyperlink to UPCARE Workstream section(s) on your website (click into the response to see pop-up guidance).*	https://www.rcplondon.ac.uk/projects/information-governance
Files	NACAP_CYP_Organisational audit_Dataset 2021_v1.0.pdf NRAP CYP advisory group Terms of Reference v0.3.pdf NRAP CYP asthma_Clinical Audit Dataset_v3.1.pdf CYP_Data Flow_v1.0_29062023.pdf 20231218_NRAP-HIplan.pdf 20240201_Metrics_NRAP_children_and_young_people_asthma.xlsx NRAP CYP asthma organisational audit dataset February 2024.pdf