



Children and Young Person Asthma

New user guide

Version 0.6



Royal College
of Physicians

National respiratory audit
programme (NRAP)

Children and young people asthma

Lead clinician welcome

Thank you so much for joining the NRAP Children and Young People (CYP) asthma audit workstream! My name is Ian Sinha, and I am the Clinical Lead for this piece of work. You are going to be contributing to a major piece of work, which will improve the care, lives, and outcomes, of CYP with asthma. We can't drive change without data, and so we are very heartened by the response of you and many others around the country. In this Welcome Pack you will find details and how-to-guides, you will also have contact details for the excellent team who work so hard behind the scenes to make the audit impactful. Do keep in touch, and we look forward to working with you as we feed back the results of your audit, so you can continue to drive change in your area.



A handwritten signature in blue ink, which appears to read 'Ian Sinha', written over a horizontal line.

Children and young people asthma

Audit inclusion criteria (aged 1-5)

- > J45.0 - Predominantly allergic asthma (primary diagnosis)
- > J45.1 - Nonallergic asthma (primary diagnosis)
- > J45.8 - Mixed asthma (primary diagnosis)
- > J45.9 - Asthma, unspecified (primary diagnosis)
- > J46 - Status asthmaticus (Includes.: Acute severe asthma) (primary diagnosis)
- > R06.2 - Wheezing (primary diagnosis) AND any of the asthma codes listed above as a secondary diagnosis
- > * NEW (01/06/23) * B34.9 – Viral infection (primary diagnosis) AND R06.2 – Wheezing (secondary diagnosis) AND any of the asthma codes listed above as a third diagnosis

Children and young people asthma

Audit inclusion criteria (aged 6-18)

- > J45.0 - Predominantly allergic asthma (primary diagnosis)
- > J45.1 - Nonallergic asthma (primary diagnosis)
- > J45.8 - Mixed asthma (primary diagnosis)
- > J45.9 - Asthma, unspecified (primary diagnosis)
- > J46 - Status asthmaticus (Includes.: Acute)

Audit user role / access level

Each user is assigned a 'user role' related to their use of the system they are accessing.

Assigning appropriate user roles is an important part of the system security model.

For National Respiratory Audit Programme (NRAP) audits there are two audit user roles / access levels:

- > Lead clinician
- > Data inputter

Different user roles have different responsibilities and functions.

Children and young people asthma

Audit user role / access level

Lead clinician

A **lead clinician** is a member of the service audit team who:

- > Has overall service/hospital responsibility for the organisation and delivery of the children and young people asthma audit. Including:
 - > Ensuring appropriate staff are registered to the audit in the correct role.
 - > Authorising new staff/team account request.
 - > Completing housekeeping of current authorised audit team members (i.e. deleting leavers, etc.).
 - > Quality assurance of the data entered into the audit.
 - > Ensuring the lead clinician role is passed on to another member of staff if they are unable to continue (i.e. change in workload, change in job role, etc.).
- > Able to carry out the responsibilities of a data inputter (as agreed by the service).

Audit user role / access level

Data inputter

- > A **data inputter** is a member of the service audit team who:
 - > Inputs patient data into the audit.
 - > Can edit/delete patient records entered into the audit.
 - > Collects patient information ready to input.
 - > Communicates with the NRAP team:
 - > Project manager
 - > Helpdesk team
 - > Can request new user accounts for the services NRAP audit team. *Requests can only be approved by the lead clinician.*

Children and young people asthma

People you should know

- > Within your service, there are various members of staff who support you in your submission of data. These include:
 - > The coder for respiratory patients
 - > Help to accurately identify patients who are eligible for the audit.
 - > Analysts
 - > Help you to understand the local data.
 - > Finance team
 - > Can apply for best practice tariff for your service and disperse funds
 - > Medical director
 - > Responsible for developing policies and strategies which could support services.

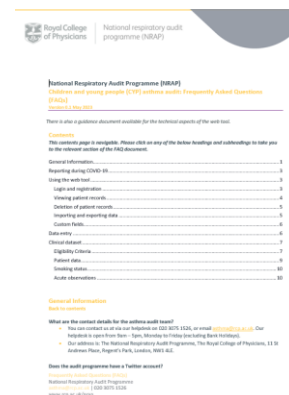
Children and young people asthma

Audit guidance

To support new users, the children and young people asthma audit has both a user guide and FAQs which can be found at the links below. The user guide provides technical guidance on using the webtool while the FAQs answers some of the most common questions NRAP receives.



User guide



Frequently Asked Questions

Children and young people asthma

Data collection

To support the inputting of data, there is a full clinical audit dataset, including help notes, available, as well as a data collection sheet. Both documents correspond with the questions asked on the webtool.

This thumbnail shows the top section of the 'Clinical audit dataset' document. It includes the Royal College of Physicians logo and the title 'National respiratory audit programme (NRAP)'. Below this, it lists 'Contents' with a table of contents showing page numbers for sections like 'Asthma', 'Asthma exacerbations', 'Asthma control', 'Asthma diagnosis', 'Asthma management', and 'Asthma and discharge'.

Clinical audit dataset

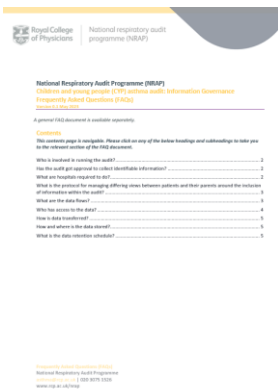
This thumbnail shows the 'Data collection sheet' document. It features the Royal College of Physicians logo and the title 'National respiratory audit programme (NRAP)'. Below the title, it states 'Children and young people (CYP) asthma audit: Data Collection Sheet'. The sheet includes a section for 'Please note that where the response options are presented as checkboxes (☐) you should select one option only, where they are presented as boxes (☐) you can select multiple options. Please refer to the full clinical dataset and help notes for further guidance.' The main part of the sheet is a table with two columns: 'Data' and 'Response'. The table contains sections for '1. Patient information' (including name, date of birth, sex, and date of referral) and '2. Patient data' (including asthma history, current asthma, and ethnicity).

Data collection sheet

Children and young people asthma

Information governance

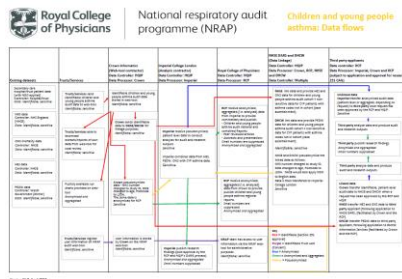
The documents below provide information on how NRAP uses, collects and shares data.



Information Governance FAQs



Fair processing information



Data flows



Sharing identifiable data

Children and young people asthma

Import function

You can import audit data from a 'CSV' ('Comma Separated Value') spreadsheet data file. These files can be created by patient administration systems (PAS), MS Excel or other software. To support in the importing of audit data, there is import guidance available below (located within the 'Imports' section of the webtool):



[NRAP Import Guide](#)

v1.10 (Feb 2024) PDF 585Kb



[NRAP Import Technical Guide](#)

v1.10 (Feb 2024) PDF 198Kb



[NRAP Import Notes 2025](#)

Important - Please read!
(Jul 2025) PDF 237Kb



[NRAP Import Notes 2025](#)

Important - Please read!
(Jul 2025) PDF 237Kb



[CYPA Import Dataset V5](#)

Import dataset specifications
v5.00 (Jul 2025) PDF 162Kb



[CYPA Import Labels V5](#)

Data file column labels/headings
v5.00 (Jul 2025) CSV 1Kb

Children and young people asthma

Patient resources

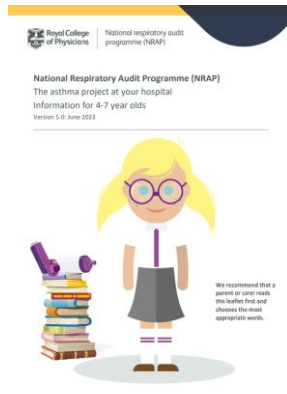
Patients are at the heart of NRAP's work, and a number of children and young people asthma resources are available for hospitals and patients/carers to use. NRAP has also previously published a patient report and key findings for patients and carers.



Patient information poster (English)



Patient information poster (Welsh)



Patient information leaflet (age 4-7)



Patient information leaflet (age 8+)



Patient information leaflet (parents and carers)

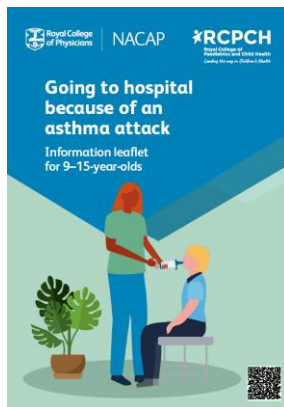
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Patient resources

NRAP, in conjunction with the Royal College of Paediatric and Child Health, has also created an information leaflet for children on what to expect when they go to hospital.



4-8 year olds



9-15 year olds

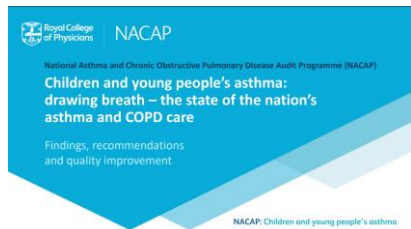


16+ year olds

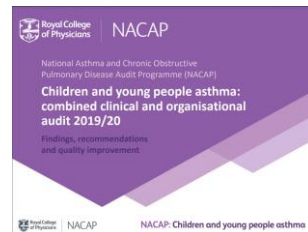
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Healthcare improvement

The next iteration of the healthcare improvement programme (2023 – 2026) has now commenced, you can read more about the programme here - [Healthcare quality improvement | RCP](#). Previous report key findings and recommendations can be found below.



Drawing Breath: Findings, recommendations and quality improvement



Children and young people asthma: Findings, recommendations and quality improvement 2019/20

Children and young people asthma

Healthcare improvement

NRAP is committed to creating a sustainable framework and set of resources that empower and enable stakeholders to use data to facilitate improvements in the quality of asthma care for children and young people. The below templates can be found on the website to support this.

The driver diagram template is titled 'National Respiratory Audit Programme (NRAP) Driver diagram template'. It includes the Royal College of Physicians and NRAP logos. A 'Team name' field is provided. The diagram consists of three columns: 'Aim', 'Primary drivers', and 'Secondary drivers'. The 'Aim' column has a large box for the aim. The 'Primary drivers' column has four boxes, and the 'Secondary drivers' column has four boxes. Arrows point from the primary drivers to the aim, and from the secondary drivers to the primary drivers.

Driver diagram template

The SMART aims template is titled 'National Respiratory Audit Programme (NRAP) SMART aims template'. It includes the Royal College of Physicians and NRAP logos. The template is designed to help users create SMART aims. It features a vertical list of five boxes, each with a letter (S, M, A, R, T) and a question: 'Specific', 'Measurable', 'Achievable', 'Relevant', and 'Time-bound'. Each box has a text area for the user to write their aim.

SMART aims template

The PDSA cycle template is titled 'National Respiratory Audit Programme (NRAP) PDSA cycle template'. It includes the Royal College of Physicians and NRAP logos. The template is designed to help users plan, do, study, and act on their improvements. It features a circular diagram with four quadrants: Plan, Do, Study, and Act. Below the diagram is a table with two columns: 'What you plan to do' and 'What you do'. The table has four rows, each corresponding to one of the PDSA cycle stages. The first row is for 'Plan', the second for 'Do', the third for 'Study', and the fourth for 'Act'. Each row has a 'What you plan to do' column and a 'What you do' column. The 'What you do' column has a sub-column for 'What you do' and a sub-column for 'What you learn'.

PDSA cycle template

Real time data

Chart 1: Discharge Chart 1 - RCP Royal College of Physicians (vs. [All])

Children and young people

% Patients

Period

Legend: — with similar technique (red) — with RAMP foundation (magenta)

Chart data is % patients with value over: © Royal College of Physicians, Technology to Change Medicine (2016) 380-447 013

[illegible]

Benchmarking chart

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Reports



Regional reports

The final regional report for Children and Young People Asthma was published in July 2023 and has now been replaced by benchmarking tables. Previous reports can still be found at this link.



Outcomes

The Outcomes report presents information submitted on the 30- and 90-day outcomes of people admitted to hospitals in England and Wales for asthma or COPD. The next report will be published October 2025.

Children and young people asthma

Reports



State of the nation

The state of the nation report is a single view of the care of people with asthma and COPD in England and Wales. The reports are published on a yearly basis with the first published in January 2023.



Organisational audit report

This organisational report presents information on the structure and resourcing of the hospital services that are involved in the audit in England and Wales.

Children and young people asthma

Data deadlines

Deadline date	Patients discharged
10 November 2023	1 April 2023 – 30 September 2023
9 February 2024	1 October 2023 – 31 December 2023
10 May 2024	1 January 2024 – 31 March 2024
9 August 2024	1 April 2024 – 30 June 2024
15 November 2024	1 July 2024 – 30 September 2024
14 February 2025	1 October 2024 – 31 December 2024
16 May 2025	1 January 2025 – 31 March 2025
15 August 2025	1 April 2025 – 30 June 2025
14 November 2025	1 July 2025 – 30 September 2025
13 February 2026	1 October 2025 – 31 December 2025
15 May 2026	1 January 2026 – 31 March 2026

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Webtool new user support session

NRAP runs quarterly support sessions for new users to help them understand the webtool. All new users will be contacted with information on how to register for one of these sessions.

If you'd like to join a session, please contact NRAPinbox@rcp.ac.uk for more information.



Children and young people asthma

Contact details

- > For queries relating to the audit, please email us at asthma@rcp.ac.uk or nrapinbox@rcp.ac.uk or phone [+44 \(0\)20 3075 1526](tel:+442030751526).
- > For technical queries, such as account access, please email helpdesk@Crownaudit.org.



Children and young people asthma

Identifiable information

The National Respiratory Audit Programme (NRAP) are unable to receive patient identifiable information due to our granted data permissions. **Please do not send NRAP any of the following patient identifiable information:**

- > Patient name
- > Patient date of birth
- > Patient NHS number
- > Patient address (this includes postcode)
- > Patient ethnicity
- > Patient gender
- > Patient mental health status

Thank you



Royal College
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National respiratory audit
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