



Children and Young Person Asthma

New user guide

Version 0.6



Royal College
of Physicians

National respiratory audit
programme (NRAP)

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, reading "Ian Sinha".

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.

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.*

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

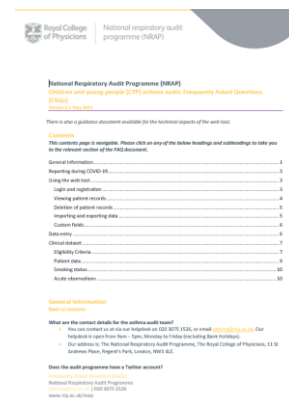
Audit guidance

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.



The screenshot shows the NRAP website header with the Royal College of Physicians logo and 'National respiratory audit programme (NRAP)'. The main content area is titled 'National Respiratory Audit Programme (NRAP)' and includes a 'Home page' link. Under 'Back to contents', there are several bullet points: 'The user guide will be continuously updated at least 30 days before any patient with significant asthma who is identified to hospital consultation services from 1 April 2023 for an asthma audit (age 17-18 is eligible to be included in the audit)', 'A helpdesk will be available throughout the audit on 0300 3075 5208 and by email helpdesk@nrp.ac.uk', 'Helping the website', 'The website can be accessed on www.nrpa.org.uk', 'Some conditions may still be being treated under a common login - if your hospital is registered, any user that already has login through a public provider may need to create an additional user', 'There will be a user manual at your hospital which will be updated to support access to the site by users for general', 'Contact the team at helpdesk@nrp.ac.uk with any queries regarding the website your registration', and 'Other user information'. Below this is a 'Check our background' section with a bullet point: 'The patient and practice profile details can be accessed [here](#) and back the file'. At the bottom, there is a 'Helpdesk' section with contact information: 'Email: helpdesk@nrp.ac.uk', 'Phone: 0300 3075 5208', and 'Website: www.nrpa.org.uk'.

User guide



The screenshot shows the NRAP website header with the Royal College of Physicians logo and 'National respiratory audit programme (NRAP)'. The main content area is titled 'National Respiratory Audit Programme (NRAP)' and includes a 'Home page' link. Under 'Back to contents', there are several bullet points: 'The user guide will be continuously updated at least 30 days before any patient with significant asthma who is identified to hospital consultation services from 1 April 2023 for an asthma audit (age 17-18 is eligible to be included in the audit)', 'A helpdesk will be available throughout the audit on 0300 3075 5208 and by email helpdesk@nrp.ac.uk', 'Helping the website', 'The website can be accessed on www.nrpa.org.uk', 'Some conditions may still be being treated under a common login - if your hospital is registered, any user that already has login through a public provider may need to create an additional user', 'There will be a user manual at your hospital which will be updated to support access to the site by users for general', 'Contact the team at helpdesk@nrp.ac.uk with any queries regarding the website your registration', and 'Other user information'. Below this is a 'Check our background' section with a bullet point: 'The patient and practice profile details can be accessed [here](#) and back the file'. At the bottom, there is a 'Helpdesk' section with contact information: 'Email: helpdesk@nrp.ac.uk', 'Phone: 0300 3075 5208', and 'Website: www.nrpa.org.uk'.

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.

Royal College of Physicians | National respiratory audit programme (NRAP)

National Respiratory Audit Programme (NRAP)
Children and young people asthma secondary care audit - clinical audit dataset
version 01.04.21

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Clinical audit dataset

Royal College of Physicians | National respiratory audit programme (NRAP)

National Respiratory Audit Programme (NRAP)
Children and young people (CY) asthma audit Data Collection Sheet
version 01.04.21

Please note that where the response options are presented as circles () you should select one option only, where they are presented as boxes () you can select multiple options. Please refer to the full clinical dataset article for further guidance.

Item	Description	Response
1.1a	Time of arrival (MM/DD/YYYY)
1.1b	Time of arrival (DD/MM/YYYY)

2. Patient data

Item	Description	Response
2.1	MRB number (Must be a UK MRB number)
2.2	Date of birth (MM/DD/YYYY)

3.3. ethnic group

If the patient resides in the UK but has no freehold, leasehold, or other UK property:

24. Gender	<input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Transgender <input type="checkbox"/> Other <input type="checkbox"/> Not recorded/preferred not to say
------------	--

25. Ethnicity

<input type="checkbox"/> White British <input type="checkbox"/> White Irish <input type="checkbox"/> Any other White background <input type="checkbox"/> White and Black Caribbean <input type="checkbox"/> White and Black African <input type="checkbox"/> White and Asian <input type="checkbox"/> Any other mixed background <input type="checkbox"/> Indian <input type="checkbox"/> Pakistani <input type="checkbox"/> Bangladeshi <input type="checkbox"/> Any other Asian background <input type="checkbox"/> Caribbean
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National Asthma and COPD Audit Programme
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www.rcp.ac.uk/nrap

Data collection sheet

Children and young people asthma

Information governance

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

This document provides answers to common questions about NRAP's information governance. It covers topics such as the purpose of the audit, data collection methods, confidentiality, and how data is shared for research and evaluation purposes.

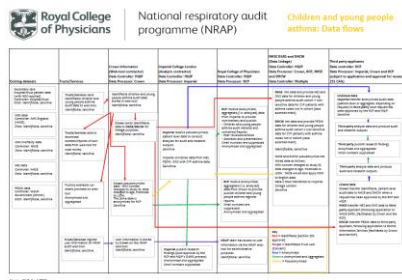
Information Governance FAQs

Information Governance FAQs

This document details the data processing activities for the NRAP. It explains the legal basis for data collection, the types of data collected, and the measures in place to ensure data security and confidentiality.

Data Processing Information Privacy Notice

Fair processing information



Data flows

This document outlines the process for sharing identifiable data for research, audit, and evaluation purposes. It includes a table detailing the data flows and the organizations involved in the process.

Further sharing of identifiable data for research, audit, and evaluation purposes

Organization	Use of data	Form of data	How data is shared	Retention period
NRAP	For audit purposes	Identifiable data	Securely via encrypted email	As long as the data is needed for audit purposes
Research organizations	For research purposes	De-identified data	Securely via encrypted email	As long as the data is needed for research purposes
Other organizations	For other purposes	De-identified data	Securely via encrypted email	As long as the data is needed for other purposes

Sharing identifiable data



National respiratory audit programme (NRAP)

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:



[CYP v3 Import Dataset](#)

Import dataset specifications
v3.00 (Aug 2023) PDF 119Kb



[CYP v3 Import Labels](#)

Data file column labels/headings
v3.00 (Aug 2023) CSV 1Kb



[CYP v2 Import Dataset](#)

Import dataset specifications
v2.01 (Aug 2023) PDF 131Kb



[CYP v2 Import Labels](#)

Data file column labels/headings
v2.01 (Aug 2023) 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.

Royal College of Physicians National respiratory audit programme (NRAP)

Has your child been admitted to hospital with an asthma attack?

This hospital is taking part in a national project to help make the care of patients with asthma better.

This project, which started in June 2019, collects information about children and young people admitted to this hospital with an asthma attack. This includes confidential information.

This project is called the **National Respiratory Audit Programme (NRAP)**.

The information will be used to help improve asthma care for children and young people.

i For more information about the project or how to opt-out, please ask a member of the hospital team for an information leaflet.

Children and young people asthma | 12.6 June 2023
National Respiratory Audit Programme
asthma@rcp.ac.uk | 020 3079 1233

Royal College of Physicians National respiratory audit programme (NRAP)

A yw eich plentyn wedi cael ei dderbyn i'r ysbyty ar ôl cael pwl o asthma?

Mae'r ysbyty hwn yn cynrydd rhan mewn prosiect cenedlaethol i helpu i wella'r gofal i gleifion ag asthma.

Mae'r prosiect hwn, a ddechreuodd ym mis Mehefin 2019, yn casglu gwybodaeth am blant a phobl ifanc sy'n cael eu derbyn i'r ysbyty hwn sydd wedi cael pwl o asthma. Mae hyn yn cynnwys gwybodaeth gyfrinachol.

Ene'r prosiect hwn yw **National Respiratory Audit Programme (NRAP)**.

Bydd yr wybodaeth hon yn cael ei defnyddio i wella gofal asthma ar gyfer plant a phobl ifanc.

i I gael rhagor o wybodaeth am y prosiect neu am sut i optio allan, gofynnwch i seiclo o dîm yr ysbyty am dalenn wybodaeth.

Children and young people asthma | 12.6 June 2023
National Respiratory Audit Programme
asthma@rcp.ac.uk | 020 3079 1233

Royal College of Physicians National respiratory audit programme (NRAP)

National Respiratory Audit Programme (NRAP)
The asthma project at your hospital
Information for 4-7 year olds
Version 5.0: June 2023

We recommend that a parent or carer reads this leaflet first and discusses the most appropriate words.

Royal College of Physicians National respiratory audit programme (NRAP)

National Respiratory Audit Programme (NRAP)
The asthma project (audit) at your hospital
Information for children and young people aged 8+
Version 6.0: June 2023

Royal College of Physicians National respiratory audit programme (NRAP)

National Respiratory Audit Programme (NRAP)
Secondary care - Children and young people asthma audit
Information for parents and carers
Version 6.0: June 2023

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)



National respiratory audit programme (NRAP)

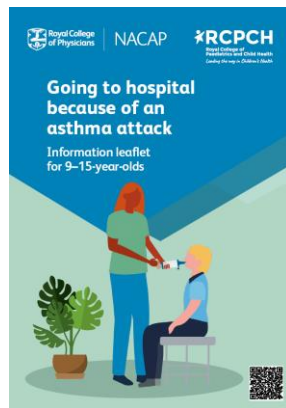
Children and young people asthma

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

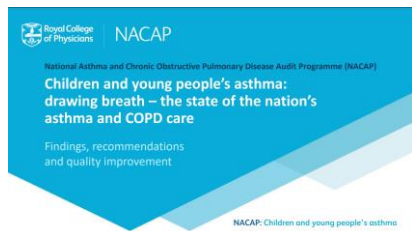


16+ year olds

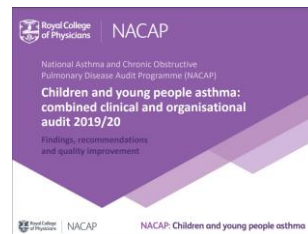
Children and young people asthma

Healthcare improvement

The next iteration of the healthcare improvement programme (2023 – 2026) is currently in development and more information will follow. 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.

Royal College of Physicians National respiratory audit programme (NRAP)

National Respiratory Audit Programme (NRAP)
Driver diagram template

Team name: _____

Aim	Primary drivers	Secondary drivers

Driver diagram template

Royal College of Physicians National respiratory audit programme (NRAP)

National Respiratory Audit Programme (NRAP)
Setting SMART aims

S Specific: How will you set the measurement - the quality process, metric or outcome - to measure the key indicator?

M Measurable: How will you measure the quality process, metric or outcome? How will you know when you have reached the target? How will you know when you have not reached the target? How will you know when you have not reached the target?

A Achievable: How will you know when you will be successful?

R Relevant: How will you know when you will be successful? How will you know when you will be successful? How will you know when you will be successful?

T Time bound: How will you know when you will be successful? How will you know when you will be successful? How will you know when you will be successful?

SMART aims template

Royal College of Physicians National respiratory audit programme (NRAP)

National Respiratory Audit Programme (NRAP)
PDSA cycle template

Team name: _____

Plan Do Act Study

Plan	Do

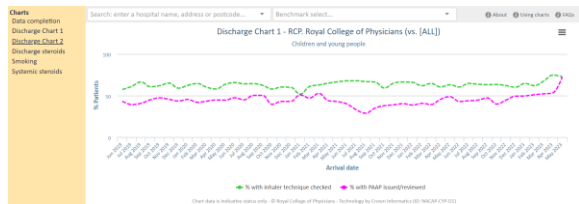
Act	Study

PDSA cycle template

Children and young people asthma

Real time data

NRAP publish a series of real time data charts to show the quality of care in England and Wales. The charts are used to help drive quality improvement by providing timely feedback on service quality and compliance with national care standards.



Run chart



Benchmarking chart

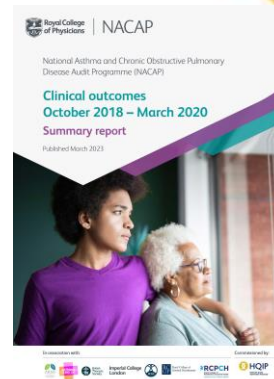
Children and young people asthma

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.

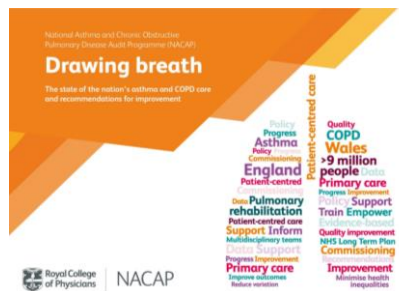


Outcomes

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 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. The next organisational report will be published in November 2024.

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

Children and young people asthma

Webtool new user support session

On the last Wednesday of every month, NRAP runs a support session for new users to help them understand the webtool. To sign up for one of these sessions, follow the link below.



eventbrite

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.



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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