Adult asthma
New user guide

Version 0.7

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

Lead clinician introduction

James is an Associate Professor in respiratory medicine at the University of Bristol & Southmead Hospital, North Bristol NHS Trust. He established the regional complex airways service and leads an interdisciplinary research programme in Asthma, COPD, lung health and multimorbidity. He is PI for an MRC Clinical Academic Research Partnership with Avon Longitudinal Study of Parents & Children and the MRC Integrative Epidemiology Unit and co leads a programme of translational respiratory research within Bristol NIHR Biomedical Research Centre.

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

Audit inclusion criteria

Include patients in the audit:

> Who are 16 years and over on the date of arrival and admitted to adult services

> Who have a primary diagnosis of asthma attack

> Where an initial, or unclear, diagnosis is revised to asthma attack.

Exclude patients in the audit:

> Where an initial diagnosis of an acute asthma attack is revised to an alternative at a later stage

> Who are between 16 and 18 but seen on a paediatric ward.

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

Inclusion criteria codes

Although we suggest that cases be identified prospectively, use the following ICD-10 codes to identify eligible patients retrospectively as well:

> J45.0 - Predominantly allergic asthma

> J45.9 - Asthma, unspecified

> J46.X - Status asthmaticus (*Includes.:* Acute severe asthma)

Codes should also be in the primary position of the first episode of care.
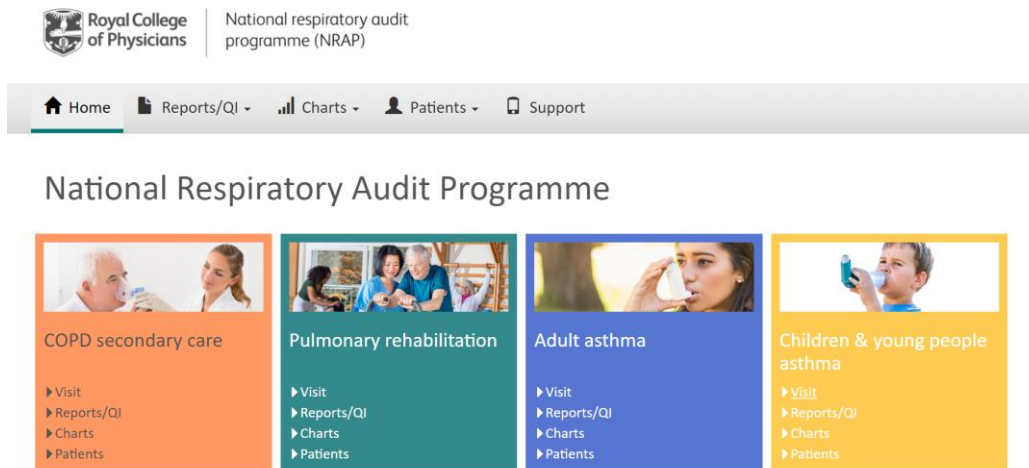
For more detailed information on inclusion criteria and codes for the adult asthma audit go to:
Adult Asthma clinical audit dataset

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

Webtool

NRAP data is inputted via a system referred to as the 'webtool'. The webtool is accessed using a unique login which is provided when your account is approved for the audit.

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.

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

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 adult 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).

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

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.*

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

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.

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

Audit guidance

To support new users, the adult 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

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

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.

Clinical audit dataset

Data collection sheet

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

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

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

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 date, there is import guidance available below:

AA v3 Import Dataset
Import dataset specifications
v3.00 (Aug 2023) PDF 122Kb

AA v3 Import Labels
Data file column labels/headings
v3.00 (Aug 2023) CSV 2Kb

AA v2 Import Dataset
Import dataset specifications
v2.01 (Aug 2023) PDF 133Kb

AA v2 Import Labels
Data file column labels/headings
v2.01 (Aug 2023) CSV 1Kb

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

Patient resources

Patients are at the heart of NRAP's work, and a number of adult 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.

Adult asthma patient information leaflet

Adult asthma patient poster
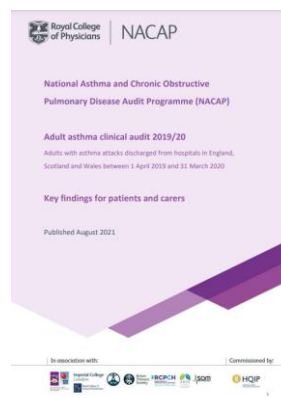
Key findings for patients and carers
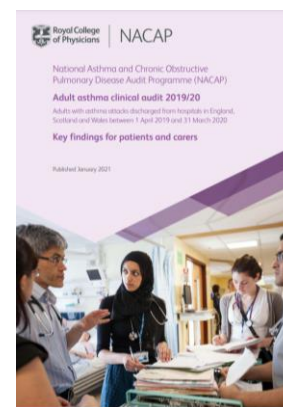
Adult asthma clinical patient report

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

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.
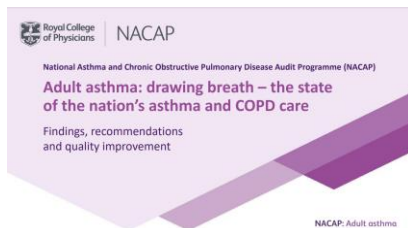
Drawing breath: Findings, recommendations and quality improvement
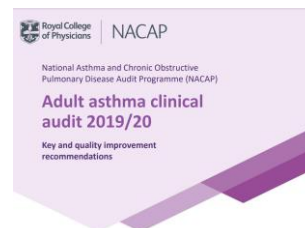
Adult Asthma clinical audit: Key and quality improvement recommendations 2019/20

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 adult asthma care. The below templates can be found on the website to support this.

Driver diagram template

SMART aims template

PDSA cycle template

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

Good practice repositories

NRAP has collated a series of case studies that highlight good practices in audit data collection and provision of adult asthma care. The case studies aim to provide teams with ideas to implement best practices and improve local practice.

Elements of good practice

Data collection and entry

Respiratory review within 24 hours

Adult 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.
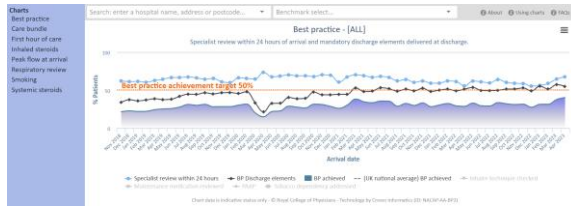
Run chart

Benchmarking chart

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

Transparent data

NRAP publishes full data files for all reports that are published, including COPD. These can be found at the link below.

data.gov.uk

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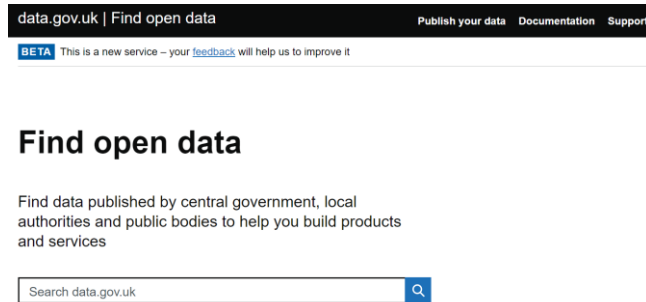
Reports

Regional reports

The final regional report for Adult 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.

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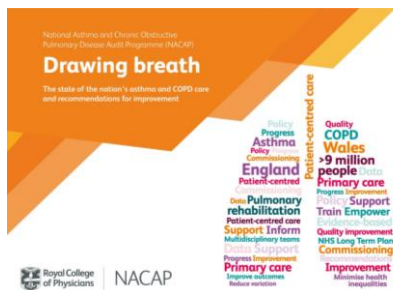
Reports

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 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 November 2024.

Adult 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

Please note, from February 2024 NRAP is planning to introduce quarterly data deadlines.

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

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.

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

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.

> For technical queries, such as account access, please email helpdesk@Crownaudit.org.

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

Patient 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 DOB

> Patient NHS number

> Patient address (this includes postcode)

> Patient ethnicity

> Patient gender

> Patient mental health status

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

Thank you