

COPD

Welcome Pack

Version 0.8



Royal College
of Physicians

National Respiratory Audit
Programme (NRAP)

Lead clinician welcome

Irem is a Consultant Integrated Respiratory Physician at King's College Hospital NHS Foundation Trust and Honorary Senior Lecturer at King's College London. As Joint Director of Clinical Strategy at Kings Health Partner's Academic Health Sciences Centre, she leads on supporting engagement across the partnership and local system to reduce health inequalities and improve outcomes, including through the Vital 5 programme.

As joint Clinical Director for Respiratory, NHSE London region, Irem leads on promoting and supporting improved lung health and outcomes and reducing respiratory health inequalities for Londoners.

Irem also has a role as regional lead for Tobacco Dependence Prevention at NHSE London and is a Board member of ASH and Trustee of the Primary Care Respiratory Society.



Irem Patel

Chronic obstructive pulmonary disease

Audit inclusion criteria

Include patients in the audit:

- > who are 35 years and over on the date of admission,
- > who have been admitted* to hospital adult services,
- > who have a primary diagnosis of COPD exacerbation,
- > where an initial, or unclear, diagnosis is revised to an acute exacerbation of chronic obstructive pulmonary disease (AECOPD).

Exclude patients in the audit:

- > in whom an initial diagnosis of an AECOPD is revised to an alternative at a later stage.
- > who have had a stay in hospital of less than 4 hours (who would be classed as a non-admission).
- > with COPD who are being managed for pneumonia, not AECOPD.

*Where admission is an episode in which a patient with an AECOPD is admitted to a ward and stayed in hospital for 4 hours or more

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Inclusion criteria codes

1 st position	2 nd position
J44.0 – COPD with acute lower respiratory infection	Any code
J44.1 – COPD with acute exacerbation	Any code
J44.8 – other specified COPD	Any code
J44.9 – COPD unspecified	Any code
J43.9 - emphysema	Any code
J22 – unspecified acute lower respiratory infection	J44.0 or J44.1 or J44.8 or J44.9 or J43.9
R06.0 – dyspnoea (shortness of breath)	J44.0 or J44.1 or J44.8 or J44.9 or J43.9
J96.0 – acute respiratory failure	J44.0 or J44.1 or J44.8 or J44.9 or J43.9
J96.1 – chronic respiratory failure	J44.0 or J44.1 or J44.8 or J44.9 or J43.9
J96.9 – respiratory failure	J44.0 or J44.1 or J44.8 or J44.9 or J43.9
J10.1 – influenza due to other identified influenza virus with other respiratory manifestations	J44.0 or J44.1 or J44.8 or J44.9 or J43.9

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 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 COPD 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.

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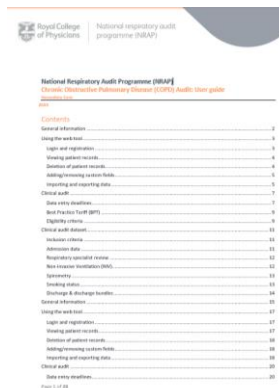
Audit guidance

To support new users, the COPD 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.



National Respiratory Audit Programme (NRAP) Chronic Obstructive Pulmonary Disease (COPD) Audit User guide	
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User guide



National Respiratory Audit Programme (NRAP) Chronic Obstructive Pulmonary Disease (COPD) Audit User guide	
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Frequently Asked Questions

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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)
COPD secondary care audit - clinical audit dataset
Version 1.0 (April 2017)

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Clinical audit dataset



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

National Asthma and COPD Audit Programme (NACAP)
COPD secondary care audit - clinical audit data collection sheet
Version 1.0 (April 2017)

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Data collection sheet

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Information governance

Information governance (IG) documents provide information on how NRAP uses, collects and shares data.

This is a list of our current IG documents:

Information governance FAQs

Fair processing information

Data flows

Sharing identifiable data

These documents can be found on our website here: [RCP NRAP website](#)

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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:



COPD Import Dataset v5

Import Dataset specifications
v5.00 (Apr 2024) PDF 127Kb



COPD Import Labels v5

Column labels/headings
v5.00 (Apr 2024) CSV 2Kb

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Patient resources

Patients are at the heart of NRAP's work, and a number of COPD resources are available for hospitals and patients/carers to use.



COPD patient information leaflet

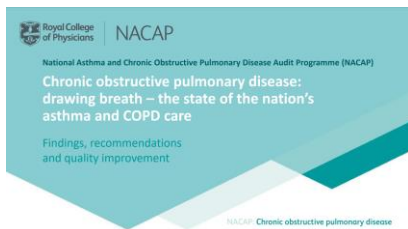


COPD patient poster

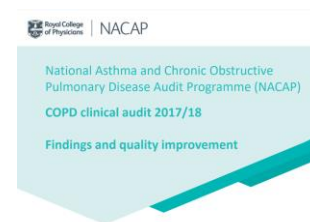
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Healthcare improvement

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



COPD clinical audit: Findings and Quality Improvement

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

The Driver Diagram template is a form for the National Respiratory Audit Programme (NRAP). It includes a header with the Royal College of Physicians logo and the text 'National respiratory audit programme (NRAP)'. Below the header, there is a 'Team name:' field. The main part of the form is a diagram with a large box on the left labeled 'Aim' and two columns of smaller boxes on the right labeled 'Primary drivers' and 'Secondary drivers'. Arrows point from the primary and secondary drivers towards the aim box.

Driver diagram template

The SMART aims template is a form for the National Respiratory Audit Programme (NRAP). It includes a header with the Royal College of Physicians logo and the text 'National respiratory audit programme (NRAP)'. Below the header, there is a 'Team name:' field. The main part of the form is a vertical list of five boxes, each starting with a letter in a chevron shape: S (Specific), M (Measurable), A (Achievable), R (Responsible), and T (Time-bound). Each box contains a set of questions to guide the user in writing a SMART aim.

SMART aims template

The PDSA cycle template is a form for the National Respiratory Audit Programme (NRAP). It includes a header with the Royal College of Physicians logo and the text 'National respiratory audit programme (NRAP)'. Below the header, there is a 'Team name:' field. The main part of the form is a circular diagram with four quadrants labeled 'Plan', 'Do', 'Act', and 'Study'. Below the diagram, there is a table with columns for 'Plan/Do/Act/Study', 'Person responsible', and 'When will this be done?'. The table has three rows for data entry.

PDSA cycle template

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NRAP has collated a series of case studies that highlight good practices in audit data collection and provision of COPD care. The case studies aim to provide teams with ideas to implement best practices and improve local practice. These are expected to be published in June 2024 alongside the State of the Nation report.



Elements of best practice

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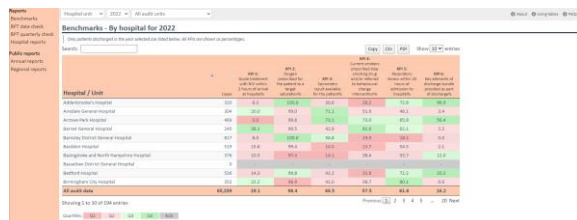
Real time data

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 charts

[Run charts video guide](#)



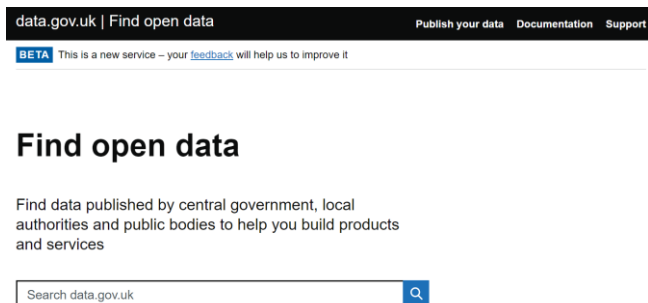
Benchmarking chart

[Benchmarking chart video guide](#)

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Transparent data

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



The screenshot shows the data.gov.uk website interface. At the top, there is a navigation bar with the text 'data.gov.uk | Find open data' on the left and 'Publish your data', 'Documentation', and 'Support' on the right. Below the navigation bar, there is a 'BETA' badge followed by the text 'This is a new service -- your [feedback](#) will help us to improve it'. The main heading is 'Find open data'. Below this, there is a paragraph: 'Find data published by central government, local authorities and public bodies to help you build products and services'. At the bottom of the screenshot, there is a search bar with the placeholder text 'Search data.gov.uk' and a magnifying glass icon.

data.gov.uk



National Respiratory Audit
Programme (NRAP)

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Reports

State of the nation reports

- 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 reports

- This organisational report presents information on the structure and resourcing of the hospital services that are involved in the audit in England and Wales. There will be one organisational audit published in this contract period.

Outcomes reports

- The Outcomes report presents information submitted on the 30- and 90-day outcomes of adults and children and young people admitted to hospitals in England and Wales for asthma or COPD. There will be one organisational audit published in this contract period.

Our current and past reports can be found here: [Reports](#)



National Respiratory Audit
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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

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. 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.

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Contact details

- > For queries relating to the audit, please email us at copd@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.



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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

Thank you



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