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.*	COPD Secondary Care
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*

Includes patients:

- 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).

Patients with the following ICD-10 codes and positions in the first episode of care are eligible for inclusion in the audit:

1st - J44.0 – COPD with acute lower respiratory infection, 2nd - any code

1st - J44.1 – COPD with acute exacerbation, 2nd - any code

1st - J44.8 – other specified COPD, 2nd - any code

1st - J44.9 – COPD unspecified, 2nd - any code

1st - J43.9 - emphysema, 2nd - any code

1st - J22 – unspecified acute lower respiratory infection, 2nd -J44.0 or J44.1 or J44.8 or J44.9 or J43.9

1st - R06.0 – dyspnoea (shortness of breath), 2nd - J44.0 or J44.1 or J44.8 or J44.9 or J43.9

1st - J96.0 – acute respiratory failure, 2nd - J44.0 or J44.1 or J44.8 or J44.9 or J43.9

1st - J96.1 – chronic respiratory failure, 2nd - J44.0 or J44.1 or J44.8 or J44.9 or J43.9

1st - J96.9 – respiratory failure, 2nd - J44.0 or J44.1 or J44.8 or J44.9 or J43.9

1st - J10.1 – influenza due to other identified influenza virus with other respiratory manifestations, 2nd - J44.0 or J44.1 or J44.8 or J44.9 or J43.9

 Exclude patients:
• 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 (this includes Emergency Medicine Centres, Acute Medical Units, Clinical Decision Units, short stay wards or similar, but excludes patients treated transiently before discharge from the Emergency Department (ED)).

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.*	*COPD* 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.*	*COPD* 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   http://www.rcplondon.ac.uk/projects/outputs/support-service-teams-copd

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   COPD 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   COPD process measures:

- Spirometry - real time charts (updated every hour)
- Oxygen - real time charts (updated every hour)
- Smoking - real time charts (updated every hour)
- Non-invasive ventilation - real time charts (updated every hour)
- Respiratory specialist review - real time charts (updated every hour)
- Discharge bundle - real time charts (updated every hour)
- Attainment against best practice - real time charts (updated every hour)
- NEWS2 score available - real time charts (updated every hour)

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

2.3 Organisational measures	COPD and adult asthma secondary care organisational audit https://www.rcplondon.ac.uk/projects/outputs/reports-copd
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)	Professional society; NICE quality standard; NICE clinical guideline; Royal College

2.6b Evidence supplemental information

COPD secondary care audit

Clinical guidance

- NICE clinical guideline NG115 (nice.org.uk/guidance/NG115)

Clinical standards

- NICE quality standard QS10 (nice.org.uk/Guidance/QS10)
- NICE quality standard QS207 (https://www.nice.org.uk/guidance/qs207)
- BTS Quality Standards for acute NIV in adults (https://www.brit-org.uk/document-library/quality-standards/niv/bts-quality-standards-for-acute- niv-in-adults/)

Policy documents

- National Confidential Enquiry into Patient Outcome and Death, Acute Non-Invasive Ventilation: Inspiring Change (https://www.ncepod.org.uk/2017niv.html)

3.1 Results visualisation	Interactive online portal (run charts available); Annual report; Static data files
3.2a Levels of reporting*	National; Trust or health board; 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/COPDcharts.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	COPD, secondary care, clinical audit
Dataset #1 type*	Clinical audit
Dataset #1 population coverage*	All eligible patients
Dataset #1 items collected (n)	54
Dataset #1 items from existing national datasets (n)	2
Dataset #1 use of existing national datasets	Office for National Statistics (ONS); Hospital episode statistics (HES); Patient episode database for Wales (PEDW)
Dataset #1 specification	Data set is uploaded within 'files' section.
Dataset #2 name	COPD and Adult 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 (sometimes referred to as a Quality Improvement Plan) last reviewed? Please upload under 'Files' below using naming convention	18/12/2023 15:00

('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).

15/12/2023

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

COPD_Data Flow_v1.0_29062023.pdf

NACAP_COPD AA_Organisational_Audit_2021_Dataset_v0.6.pdf

NRAP COPD_Clinical Audit Dataset_v4.1.pdf

NRAP COPD advisory group terms of reference v0.4.pdf

20231218_NRAP-HIplan.pdf

20240201_Metrics_NRAP_COPD.xlsx

NRAP adult asthma COPD organisational audit dataset February 2024.pdf