

Resources to support Quality Improvement using the NCAPOP

This list of resources summarises the quality improvement (QI) resources that are produced by national programme provider organisations and are **publically available**. These resources help support trainees and healthcare professionals to use the National Clinical Audit and Patient Outcomes Programme (NCAPOP) outputs to support local Quality Improvement activity and improve dissemination of NCAPOP findings.

Many additional resources are available to professionals who are registered with the provider organisation platform. The individual requirements for this varies between programmes. Please check each provider organisation website for more information on how to register for access to the platforms.

This document is divided into Clinical Outcome Review Programmes, National Clinical Audits, National databases and National Registries. Each section is arranged alphabetically. For more information about each programme, see HQIP's programme summaries page [here](#).

This is designed to be a living document that is regularly updated – if you are aware of additional resources available or changes to current links please contact lorna.pridmore@hqip.org.uk

#	National programme	Provider organisation	Provider organisation website	Link to Quality Improvement Resources	Information
Clinical Outcome Review Programmes					
1	Clinical Outcome Review Programmes: <ul style="list-style-type: none"> • Child Health • Medical and Surgical 	National Confidential Enquiry into Patient Outcome and Death (NCEPOD)	https://www.ncepod.org.uk/	https://www.ncepod.org.uk/reports.html	<p>For each report, NCEPOD produce a suite of resources to support QI. These include recommendation checklists, slide sets and 'fishbone' diagrams to help support implementation of recommendations.</p> <p>Most of the reports also have downloadable audit toolkits including template excel spreadsheets for carrying out local audits against the report recommendations.</p>
2	Maternal, Newborn and Infant Clinical Outcome Review Programme	MBRRACE-UK led from the	https://www.npeu.ox.ac.uk/mbrance-uk	https://www.npeu.ox.ac.uk/pmrt?highlight=WyJxdWFsaXR5liwiaW1wcm92	Perinatal Mortality Review Tool to support implementation of Perinatal Mortality Review processes. <i>(Authorisation is required to use the tool.)</i>

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		University of Oxford		ZW1IbnQiLCJxdWFsaXR5IGltcHJvdmVtZW50II0= https://www.npeu.ox.ac.uk/mbrrace-uk/presentations	Slide decks summarising MBRRACE report findings.
3	Mental Health Clinical Outcome Review Programme	National Confidential Inquiry into Suicide and Safety in Mental Health (NCISH) - University of Manchester	https://www.manchester.ac.uk/ncish/	https://www.manchester.ac.uk/ncish/resources/data-slides/ https://www.manchester.ac.uk/ncish/reports/ https://documents.manchester.ac.uk/display.aspx?DocID=40697 https://documents.manchester.ac.uk/display.aspx?DocID=41549 https://www.manchester.ac.uk/ncish/research-projects/examples-of-good-practice-suicide-prevention-initiatives/	<p>UK wide data slides on patient suicide and homicide</p> <p>Links to all previous reports from 2015 onwards, including infographics for services and service users, videos summarising key messages and recommendations from each report.</p> <p>A toolkit (Word and PDF version) presenting the 10 key elements as quality and safety statements about clinical and organisational aspects of care.</p> <p>A toolkit for self-assessment based on the NICE Quality Standard for Self-Harm (Word and PDF version).</p> <p>Examples of “good practice” intervention infographics summarising and showcasing the work of local areas we are supporting to develop their suicide prevention quality improvement plans.</p>

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				<p>https://www.rcpsych.ac.uk/docs/default-source/improving-are/nccmh/suicide-prevention/monthly-clinic/data-dictionary-sept-2019.pdf?sfvrsn=d75bc64e_6</p> <p>https://www.manchester.ac.uk/mash-project/support-for-improving-community-based-care-for-self-harm/</p> <p>https://www.manchester.ac.uk/ncish/resources/national-academic-response-to-covid-19-related-suicide-prevention/</p> <p>https://documents.manchester.ac.uk/display.aspx?DocID=46695</p>	<p>Data dictionary for local suicide prevention interventions.</p> <p>A self-harm resource tailored to communities developing interventions. Webinar recordings for the project kick-off meeting and improving community based care are also available.</p> <p>Our COVID resource tailored to suicide prevention themes identified by services, including good practice examples and webinar recordings.</p> <p>NCISH 10 standards for investigating serious incidents.</p>

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National Clinical Audits					
4	Falls and Fragility Fracture Audit Programme (FFFAP): National Audit of Inpatient Falls	Royal College of Physicians (RCP)	https://www.rcplondon.ac.uk/projects/national-audit-inpatient-falls-naif	https://www.rcplondon.ac.uk/projects/inpatient-falls-quality-improvement	<i>The NAIF</i> improvement repository has a number of resources including lying/standing blood pressure and falls prevention measures, case studies and e-learning resources (the e-learning resources are currently being redeveloped in line with Adobe Flash player updates).
5	Falls and Fragility Fracture Audit Programme (FFFAP): Fracture Liaison Service Database	Royal College of Physicians (RCP)	https://www.rcplondon.ac.uk/projects/fracture-liaison-service-database-fls-db	https://www.rcplondon.ac.uk/projects/outputs/fracture-liaison-service-database-fls-db-improvement-repository https://www.youtube.com/playlist?list=PLXHNTzK-LiWMVXNLsWDKWFUKTg7LNj11W https://www.fffap.org.uk/FLS/charts.nsf https://www.fffap.org.uk/FLS/charts.nsf/Benchmarks?ReadForm	<p>The FLS-DB improvement repository has a number of resources including case studies highlighting improvement driven by the database and information on overcoming barriers to change.</p> <p>The FFFAP YouTube channel has a number of videos from previous FLS-DB workshops and 'how to' videos demonstrating how to make the most of your data.</p> <p>The FLS-DB has open access, near real-time charts where you can compare local performance across key performance indicators to national standards.</p>

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6	Falls and Fragility Fracture Audit Programme (FFFAP): National Hip Fracture Database	Royal College of Physicians (RCP)	https://www.rcplondon.ac.uk/projects/national-hip-fracture-database-nhfd	https://www.nhfd.co.uk/20/NHFDCharts.nsf https://www.nhfd.co.uk/20/hipfracturer.nsf/ResourceDisplay https://www.youtube.com/playlist?list=PLXHntzK-LiWMVXNLsWDKWFUKTg7LNj11W https://www.rcplondon.ac.uk/projects/outputs/national-hip-fracture-database-nhfd-improvement-repository	<p>The NHFD has open access, near real-time charts where you can compare local performance across key performance indicators to national standards. Including the case mix adjusted charts specifically on data quality.</p> <p>The NHFD resources section includes previous presentations from QI workshops, with case studies about QI projects based on the NHFD data.</p> <p>The FFFAP YouTube channel contains a number of 'how to' videos about making the most of the NHFD data and charts.</p> <p>The NHFD Improvement repository includes a number of case studies against the key performance indicators of the audit.</p>
7	National Adult Diabetes Audit (NDA): <ul style="list-style-type: none"> National Diabetes Core Audit (NDA) National Diabetes in Pregnancy Audit (NPID) National Diabetes Foot Care Audit (NDFA) 	NHS Digital	https://digital.nhs.uk/data-and-information/clinical-audits-and-registries/national-diabetes-audit	https://digital.nhs.uk/data-and-information/clinical-audits-and-registries/national-diabetes-inpatient-audit#quality-improvement https://www.diabetes.org.uk/professionals/resources/shared-practice/quality-improvement	<p>This page has a report from previous QI Collaboratives which include case studies.</p> <p>Diabetes UK website also has a dedicated page for resources for QI including videos, e-learning, and courses.</p>

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	<ul style="list-style-type: none"> National Inpatient Diabetes Audit (NaDIA) National Diabetes Inpatient Audit – Harms (NaDIA-Harms) 			https://www.rcgp.org.uk/clinical-and-research/resources/toolkits/quality-improvement-toolkit-for-diabetes-care.aspx	The NDA has developed a Diabetes toolkit with RCGP which includes QI tools, tips on data, training materials and more.
8	National Asthma and COPD Audit Programme (NACAP): <ul style="list-style-type: none"> Primary Care Audit Secondary Care Audits Adult Asthma Children and Young People Asthma COPD Pulmonary Rehabilitation Audit 	Royal College of Physicians (RCP)	https://www.rcplondon.ac.uk/projects/national-asthma-and-copd-audit-programme-nacap	National Asthma and COPD Audit Programme (NACAP): quality improvement resources RCP London https://www.nacap.org.uk/ https://icst.org.uk/casestudies/the-official-nacap-quality-improvement-toolkit/	<p>The NACAP improvement page includes slides from previous QI workshops and generic QI resources – for example developing smart aims, run chart guidance, and driver diagram examples.</p> <p>The NACAP page includes all previous reports and QI slide decks that accompany the clinical reports.</p> <p>The Primary care Audit in Wales have created a QI toolkit which has a number of videos about examples of QI projects in Primary Care.</p>
9	National Audit of Breast Cancer in Older People (NABCOP)	Clinical Effectiveness Unit, The Royal College of Surgeons of England	https://www.nabcop.org.uk/	https://www.nabcop.org.uk/resources/quality-improvement-resources/ Supplementary materials to the reports which allow NHS organisations to explore and present their data: https://www.nabcop.org.uk/resources	Provides a number of links to external Quality Improvement resources.

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				/?filter_type%5B%5D=report-supplementary-materials Trusts in England can review their data returns via CancerStats: https://www.nabcop.org.uk/resources/cancerstats-area/ Additional resource: https://www.nabcop.org.uk/resources/improving-data-completeness/	
10	National Audit of Care at the End of Life (NACEL)	NHS Benchmarking Network	https://www.nhsbenchmarking.nhs.uk/nacel	https://www.nhsbenchmarking.nhs.uk/nacel-resources https://www.nhsbenchmarking.nhs.uk/nacel-audit-outputs https://www.nhsbenchmarking.nhs.uk/bereavement-resources	Includes NACEL good practice case studies, as well as links to external guidance and summary reports, appendices, key findings for patients carer reports and infographics.
11	National Audit of Dementia (NAD)	Royal College of Psychiatrists	https://www.rcpsych.ac.uk/improving-care/ccqi/national-clinical-audits/national-audit-of-dementia	https://www.rcpsych.ac.uk/improving-care/ccqi/national-clinical-audits/national-audit-of-dementia/quality-improvement	This page has a number of previous presentations and case studies of Quality improvement in dementia, action plan templates and links to external QI resources.

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12	National Audit of Seizures and Epilepsies in Children and Young People (Epilepsy 12)	Royal College of Paediatrics and Child Health (RCPCH)	https://www.rcpch.ac.uk/work-we-do/quality-improvement-patient-safety/epilepsy-12-audit	https://www.youtube.com/playlist?list=PLnZOWSeOKq5zRNbJfMFdR86TO-wnFUzGD https://www.youtube.com/playlist?list=PLnZOWSeOKq5xbnAtVRL6FKHF4a3Fow5qO https://www.rcpch.ac.uk/work-we-do/quality-improvement-patient-safety/eqip https://www.rcpch.ac.uk/resources/epilepsy12-open-uk-national-conference-2020-resources https://qicentral.rcpch.ac.uk/ https://eqip.rcpch.ac.uk/ https://www.rcpch.ac.uk/resources/epilepsy12-us-voices-rcpch-us-network	<p>Epilepsy 12 have a YouTube playlist which includes videos from previous E12 conferences and improvement case studies.</p> <p>E12 have a QI collaborative called EQIP. EQIP has a YouTube channel which includes information about the Collaboratives and a number of webinars about QI. There is also an EQIP webpage with information and case studies from the pilot collaborative programme.</p> <p>Presentations from the Epilepsy 12 and OPEN UK National Conference, including a number of case studies of improvement initiatives using the E12 data.</p> <p>The RCPCH's 'QI central' has a number of QI resources, which include blogs, posters and presentations of QI projects.</p> <p>RCPCH&Us, the RCPCH patient engagement network, has worked closely with Epilepsy12 and has a number of patient-led QI resources available on the RCPCH website.</p> <p>Epilepsy12's annual audit reports include details of QI projects and case studies; the report webpages also include downloads of local-level audit results. These are available on the Epilepsy12 website.</p>

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13	National Cardiac Audit Programme (NCAP)	Bart's Health NHS Trust	https://www.nicor.org.uk/national-cardiac-audit-programme/	https://uclpartners.com/work/national-cardiac-audit-programme-ncap-quality-improvement-workshop/ https://www.nicor.org.uk/for-patients-carers-charities-and-the-public/	<p>A series of videos from the National Cardiac Audit Programme/UCL partners improvement workshop. This includes information on using the data to make improvements, QI methodology, and an overview of the audits.</p> <p>Information available for patient, careers and charities.</p>
14	National Clinical Audit of Psychosis	Royal College of Psychiatrists	http://www.rcpsych.ac.uk/NCA_P	https://www.rcpsych.ac.uk/improving-care/ccqi/national-clinical-audits/national-clinical-audit-of-psychosis/ncap-quality-improvement	Videos from previous NCAP improvement webinars and links to a toolkit which supports improvement in the physical health of patients with mental health conditions.
15	National Early Inflammatory Arthritis Audit (NEIAA)	British Society for Rheumatology	https://www.rheumatology.org.uk/practice-quality/audits/neiaa	https://www.rheumatology.org.uk/practice-quality/audits/neiaa https://arthritisaudit.org.uk/files/uploaded/neiaa%20results%20patient%20poster%202021.pdf	<p>This page includes external guidance about driver diagrams.</p> <p>Patient poster</p>
16	National Emergency Laparotomy Audit (NELA)	Royal College of Anaesthetists	https://www.nela.org.uk/NELA_home	https://www.nela.org.uk/NELA-QI-Videos#pt https://www.nela.org.uk/NELA-QI-Workshops#pt	<p>The NELA audit has produced a number of 'How to' videos explaining how to make the most of the data for quality improvement.</p> <p>There are also a number of presentations from previous NELA QI Workshops and abstracts summarising QI activity based on NELA data.</p>

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				https://www.rcoa.ac.uk/safety-standards-quality/quality-improvement/raising-standards-rcoa-quality-improvement-compendium https://www.nela.org.uk/NELA-QI-Posters#pt https://youtube.com/playlist?list=PLmIDe-j6iZk5N7U2gmD0iTFYZYXgdawA2 https://data.nela.org.uk/Reports.aspx	<p>The Royal College of Anaesthetists also have a QI compendium which has hundreds of 'recipes' and guidance for setting up QI projects.</p> <p>The NELA Project has sponsored a Trainee Poster Prize at the AAGBI Winter Scientific Meetings and ASGBI International Surgical Congresses. This is for the best poster that uses local hospital NELA data to bring about an improvement in the quality of care and examples are linked on their website.</p> <p>NELA upload their QI webinars to YouTube to allow a wider audience to access this content.</p> <p>Quarterly reports at both hospital and AHSN-level are also available in the public domain, which provide quarterly updates on NELA key standards and can be used for QI.</p>
17	National Gastro-intestinal Cancer Audit Programme (GICAP) – National Oesophago-gastric Cancer Audit (NOGCA)	Royal College of Surgeons (with project management subcontracted to NHS Digital)	www.nogca.org.uk	» Quality Improvement Resources (nogca.org.uk)	Links to a number of external QI resources and tools, as well as a number of relevant quality improvement case studies.
18	National Gastro-intestinal Cancer Audit Programme (GICAP) –	Royal College of Surgeons (with project	www.nboca.org.uk	Quality Improvement Resources - National Bowel Cancer Audit (nboca.org.uk)	Links to a number of external QI resources and tools. The NBOCA QI plan will be launched in Sep 2021.

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	National Bowel Cancer Audit (NBOCA)	management subcontracted to NHS Digital)			
19	National Lung Cancer Audit Programme (NLCA)	Royal College of Physicians (RCP)	https://nlca.azurewebsites.net/	https://nlca.azurewebsites.net/Trusts NLCA Quality Improvement	<p>The NLCA audit has an open access dashboard where you can see results by individual trust.</p> <p>This page has links to presentations from previous QI workshops, and a report based on improvement Collaboratives, which includes a number of case studies of improvement projects in lung cancer care.</p>
20	National Maternity and Perinatal Audit (NMPA)	Royal College of Obstetricians and Gynaecologists	https://maternityaudit.org.uk/pages/home	Resources (maternityaudit.org.uk) https://maternityaudit.org.uk/Audit/Ccharting/ClinicalByLocation https://maternityaudit.org.uk/audit/ccharting/OrganisationalComparisons https://maternityaudit.org.uk/Audit/Ccharting/ClinicalByMeasure https://maternityaudit.org.uk/Audit/Ccharting/ClinicalInteractive	<p>This page has a video containing information about interpreting funnel plots.</p> <p>This page shows open access charts where you can compare performance by trust to National averages.</p> <p>This page shows interactive Organisational Survey results.</p> <p>This page shows Clinical Audit by Measure results.</p> <p>This page shows interactive Clinical Audit Results tables.</p>

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21	National Neonatal Audit Programme (NNAP)	Royal College of Paediatrics and Child Health (RCPCH)	NNAP Online (rcpch.ac.uk)	https://nnap.rcpch.ac.uk/unit-data.aspx QI Toolkits British Association of Perinatal Medicine (bapm.org) https://www.bapm.org/pages/58-qi-made-easy https://qicentral.rcpch.ac.uk/	<p>NNAP have open access charts where you can compare individual unit performance to other units and benchmark against networks and national standards.</p> <p>The BAPM have produced a number of toolkits based on NNAP metrics. These toolkits guide you through all stages of a Quality Improvement project.</p> <p>The BAPM also have a number of generic QI made easy guides.</p> <p>The RCPCH's 'QI central' has a number of QI resources, which include blogs, posters and presentations of QI projects.</p>
22	National Paediatric Diabetes Audit (NPDA)	Royal College of Paediatrics and Child Health (RCPCH)	https://www.rcpch.ac.uk/work-we-do/quality-improvement-patient-safety/national-paediatric-diabetes-audit	https://npda-results.rcpch.ac.uk/unit-data.aspx https://www.rcpch.ac.uk/resources/npda-national-conference-2020-presentations https://www.youtube.com/playlist?list=PLnZ0WSeOKq5xwt-71MjA8oeDueBA7VU0V	<p>NPDA have open access charts where you can compare individual unit performance to other units and benchmark against networks and national standards.</p> <p>This page has links to previous NPDA conference resources and presentations, including a number of case studies of QI projects using the NPDA data.</p> <p>NPDA have videos of previous NPDA conferences, with many QI case studies on YouTube.</p>

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				<p>https://www.rcpch.ac.uk/resources/npda-national-conference-2020-presentations</p> <p>https://www.rcpch.ac.uk/work-we-do/quality-improvement-patient-safety/diabetes-quality-programme/qi-collaborative</p> <p>https://qicentral.rcpch.ac.uk/</p> <p>https://www.rcpch.ac.uk/sites/default/files/rcpch/NPDA-2018-19_unit-level-report.xlsm</p> <p>https://www.rcpch.ac.uk/sites/default/files/rcpch/NPDA-2018-19_unit-level-report.xlsm</p> <p>https://www.rcpch.ac.uk/sites/default/files/rcpch/NPDA-PREM-19_unit-level-reports.xlsm</p> <p>https://www.rcpch.ac.uk/sites/default/files/2020-03/final_npda_2018-19_slide_deckv2.ppt</p>	<p>The RCPCH run Diabetes QI Collaboratives. This page includes information about these and podcasts about QI projects and the Collaboratives.</p> <p>The RCPCH's 'QI central' has a number of QI resources, which include blogs, posters and presentations of QI projects.</p> <p>The NPDA has unit level generators for reports and posters for 2018-19, and PREMS reports and posters for 2019.</p> <p>NPDA have also produced a presentation template for the 2018-19 results for units to use data to stimulate quality improvement activity.</p>

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23	National Prostate Cancer Audit (NPCA)	Royal College of Surgeons of England	https://www.npca.org.uk/	https://www.npca.org.uk/quality-improvement/	NPCA have a number of videos about QI priorities and using the NPCA to support improvement. There are also blog posts and quality improvement case studies.
24	Paediatric Intensive Care Audit Network (PICANet)	Universities of Leeds and Leicester	https://www.picanet.org.uk/	https://seed.leeds.ac.uk/picanet	Key performance data for units can be visualised through an online dashboard by registered users; please contact your local department for more information.
25	Sentinel Stroke National Audit Programme (SSNAP)	King's College London	https://www.strokeaudit.org/	https://www.strokeaudit.org/Quality-Improvement/What-resources-can-I-use.aspx https://www.strokeaudit.org/Quality-Improvement/Case-Studies.aspx https://www.strokeaudit.org/Quality-Improvement/Top-Tips.aspx https://www.strokeaudit.org/qualityimprovement https://www.strokeaudit.org/Quality-Improvement/What-resources-can-I-use/SSNAP-Reports.aspx	<p>This encompasses a number of SSNAP tools and external links to other generic QI resources. SSNAP registration is required to use most of the tools.</p> <p>A number of case studies of previous QI projects completed using the SSNAP data.</p> <p>A bank of tips and advice from clinicians, QI champions and SSNAP team members on how to successfully implement a QI project. Some of these tips are generalised advice, and some are SSNAP specific.</p>
National Databases					
26	National Child Mortality Database (NCMD)	University of Bristol	www.ncmd.info	No current QI resources available.	N/A

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National Registries					
27	National Vascular Registry	Royal College of Surgeons of England	www.vsqip.org.uk	https://www.vsqip.org.uk/resources/quality-improvement/quality-improvement-resources/	This page has links to a number of external QI resources and tools, including resources about process mapping, driver diagrams and the model for improvement. There are also a number of case studies relating to vascular surgery.

In addition to the above resources, The [National Clinical Audit Benchmarking](#) tool is an online portal which provides access to national audit performance data. It is an open access webpage which allows you to access audit data benchmarked searchable by speciality, Trust, hospital or unit.

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