What is the National Cancer Intelligence Network?

The National Cancer Intelligence Network (NCIN) is a UK-wide partnership operated by Public Health England. The NCIN coordinates and develops analysis and intelligence to drive improvements in prevention, standards of cancer care and clinical outcomes for cancer patients.

Who decides the work programme?

The work of the Network needs to reflect the priorities of the members of the Network; patient, clinical, healthcare, public health, charity, commissioners and researchers. The work programmes are designed by cross-disciplinary groups which include all these areas, and are ratified by the group representing the funders of the NCIN.

What do we produce?

We produce a wide range of reports and information, all of which are available through our website, www.ncin.org.uk.

Reports: Detailed national and sub-national scientific reports on aspects of cancer and its treatment, including areas of inequality.

Data briefings: Short documents highlighting one issue and written for a wider general audience.

Guidance documents: Documents written to support the health service and other users in understanding and using the information available.

Electronic tools: Tools to provide access to our data in a user friendly fashion targeted at particular audiences. Some tools are restricted to specific groups to protect patient confidentiality.

Where can I find out more?

More details of our work, publications and links to our tools are all available through our website, www.ncin.org.uk.

The contact details for the NCIN Co-ordinating Team are:

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The NCIN is operated by Public Health England.
Who are we?
We are a network of organisations working across the UK, including the National Cancer Registration Service (NCRS), the NHS and health departments, cancer charities, research funders and other organisations with an interest in using information to improve outcomes for cancer patients. The Network is co-ordinated by a small National Coordinating Team in Public Health England.

Most of our funding comes from Public Health England. Macmillan Cancer Support, Cancer Research UK and the Department of Health also provide funding.

What do we do?
Our aims and objectives cover five core areas to improve the quality and availability of cancer data from its collection to use:

- Promoting efficient and effective data collection throughout the cancer journey
- Providing a common national repository for cancer datasets
- Producing expert analyses to monitor patterns of cancer care
- Exploiting information to drive improvements in cancer care and clinical outcomes
- Enabling use of cancer information to support audit and research programmes

"The National Cancer Intelligence Network is the love of humanity, expressed numerically"

Thomas Green  
Cancer patient  
Cancer Outcomes Conference 2013

The NHS collects a wide range of data and information about cancer patients and their treatment. We work with all our partners to understand what information is required for the delivery of cancer services for effective patient care within the NHS, to improve data quality, timeliness and outcomes.

The national cancer registration services in England, Northern Ireland, Scotland and Wales collect information about every patient diagnosed with cancer. We bring data together for England into a National Cancer Data Repository (NCDR) and link it to additional data including surgery, radiotherapy and care in General Practice. Where possible, data is linked at the UK level. Cancer registries are allowed by law to collect this information to help us better understand and treat cancer. Access to this information is strictly controlled and our publications never identify any individual.

Analysts within the Network use this information to produce a range of information about cancer in the UK. Their work is expanding what we know about cancer – telling us how many people are living with cancer; how the number of cases and outcomes varies between groups; highlighting where to direct investment and improve outcomes across health and healthcare.

Our work is helping to improve the quality of care for cancer patients by understanding where there are variations in treatment and outcomes. To ensure that the NHS is able to make best use of this information, the NCIN and our partners have developed a range of electronic information tools. The UK Cancer Information Service allows health service analysts to access detailed information for their area while the Cancer Commissioning Toolkit provides detailed information to help those responsible for purchasing and delivering NHS services to make their decisions.

The public can also explore the information available to understand the challenge of cancer through the freely available Cancer e-Atlas (www.ncin.org.uk/eatlas)

As well as directly supporting improvements to care, the linked information now available may be used for a range of research. The NCIN works with researchers and funders to help properly authorised studies to work with these data.