

IQVIA Cancer Data Network

The Cancer Data Network enables organisations to improve outcomes for NHS cancer patients across the UK

Using data to drive improvements in the quality of care and to increase treatment options for cancer patients.

As a founding partner of DATA-CAN, the UK's Health Data Research Hub for cancer, IQVIA has developed the Cancer Data Network, bringing together NHS organisations that treat cancer. Members of the network can harness data and technology to improve the quality of their care and outcomes for NHS patients across the UK.

- Health Data Research Hubs are centres of excellence, specialising in one particular aspect of healthcare, using their knowledge and expertise to utilise data to innovate in their field
- DATA-CAN is one of the health data research hubs in the UK. DATA-CAN is the only hub that is solely focused on cancer. Each of the health data research hubs is making high quality datasets available via the Health Data Research Innovation Gateway
- DATA-CAN's aim is to improve care and outcomes for people with cancer by making high quality health data more accessible for cancer researchers and health professionals

DATA-CAN
The Health Data Research Hub for Cancer

NAVIGATING CHALLENGES IN CANCER SERVICE DELIVERY

- Current cancer analytics are often based on data many months out of date
- Processes for identifying study patients are often manual and inefficient, making it harder to find patients for increasingly complex studies
- Research is shifting towards real world data but limitations exist with current data sources

Using health data more effectively can drive the development of new cancer diagnostics and treatments, improving patient outcomes and survival rates.

"As a clinician I believe the Cancer Data Network has the potential to transform understanding of care and outcomes of patients in near real time, to benchmark care against other providers and facilitate research and audit."

— Professor Michael D Peake OBE, Chair of The Cancer Data Network Advisory Group

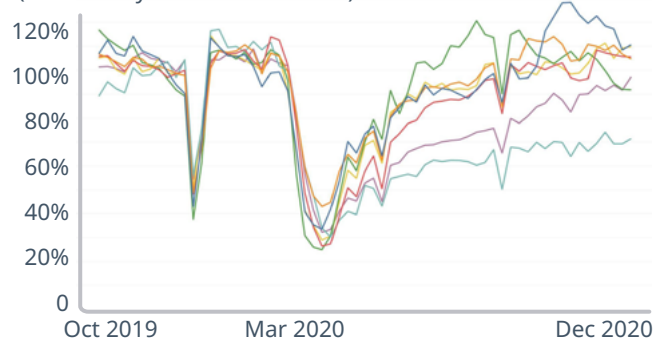
THE IMPACT OF COVID-19 ON CANCER SERVICES

Macmillan estimate more than 650,000 people with cancer in the UK (22%) have experienced disruption to their cancer treatment or care because of COVID-19*

The Cancer Data Network supports Trusts in understanding the impact of the pandemic on their cancer services and patients at their organisation.

Two-week wait referrals for major cancer declined significantly at the start of the pandemic.

Two-week wait referrals relative to pre-COVID average (Various key cancer treatments)



Source: <https://digital.nhs.uk/data-and-information/publications/statistical/mi-nhs-e-referral-service-open-data/oct-2019-to-december-2020>

*Macmillan Cancer Support – The forgotten 'C'. The impact COVID-19 on cancer care - Oct 2020

Improving cancer care

On-site cancer analytics

Interactive dashboards, using near real time, linked data providing actionable insights into local cancer delivery

National benchmarking & reporting

Network reports enabling comparisons to identify variation in patient pathways



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Enabling research

Trial matching

Automated trial matching solution enabling patients to be matched to clinical trials in near real time

Research services

Enabling more research through the use of privacy protecting technology and real world data

IMPROVING CANCER SERVICE DELIVERY

Interactive dashboards, using cancer data in near real time (refreshed every 24 hours) will provide actionable insights and timely **cancer data on patients at your Trust** to inform operational demand and capacity planning for COVID-19 recovery and the longer term.

The up-to-date understanding of **specific patient populations at your Trust** will help manage patients in accordance with changes in national guidance, whilst also providing an understanding of **changing treatment regimens** and their **impact on treatment outcomes**.

IDENTIFYING TREATMENT VARIATIONS WITH NATIONAL REPORTING & BENCHMARKING

Using non-identified data, IQVIA provide participating organisations with regular reports that **help them understand variations in care**. By analysing data from across many cancer centres and by highlighting best practices organisations can learn from knowing how other centres manage similar cancers.

MATCHING PATIENTS TO CLINICAL STUDIES

Patient identification for studies remains a manual process in many NHS organisations. Furthermore, investigators aren't always aware of the studies on offer at their sites or across the UK, limiting the options for patients.

The Cancer Data Network provides a tech-enabled solution to support **automated patient identification** for studies in a simpler, faster and more efficient way. This solution will help increase the options for patients through facilitating access to new treatments under development.

MAKING HIGH QUALITY HEALTH DATA AVAILABLE FOR RESEARCH

Using a wide variety of privacy-enhancing technologies and safeguards to protect individual privacy, non-identified data is made available for research purposes: approved researchers can analyse data to **better understand cancer pathways, outcomes and variations in care for different patient cohorts**, all within a secure research environment.



Whilst cancer patients are often willing to allow their data to be used for research, the number of patients currently entering trials remains low.

CONTACT US

To learn more about the IQVIA Cancer Data Network (CDN) please contact CDNUK@iqvia.com

Twitter: @IQVIA_UK | LinkedIn: IQVIA

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