

Developing a Living with Cancer (LWC) Data Dashboard to monitor impact and address health inequalities in a rural and coastal setting

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Background: Cancer can negatively impact people’s physical health, mental health, finances, relationships and work. People LWC in rural and coastal areas can be more at risk of experiencing health inequalities than their urban and metropolitan peers (McPeake et al., 2023). ~37,000 people are LWC in the rural and coastal county of Lincolnshire. To improve quality of life and mitigate health inequalities, the Lincolnshire LWC Programme is implementing personalised care and support for people LWC in the county, collaborating with multiple system partners.

Requirement : The Lincolnshire LWC Programme was established in 2016 and was funded by Macmillan Cancer Support until 2022. The programme is now funded by Lincolnshire ICB with a requirement to demonstrate progress against national and local key performance indicators, impact and return on investment.

Challenge: to synthesis data from multiple system partners, and to demonstrate impact of multiple projects across the Lincolnshire Integrated Care System.

Methodology: the programme has developed a live dashboard which captures data from partners working on a wide range of projects within the Living with Cancer portfolio. The dashboard has been developed in Excel to allow flexibility as the programme evolves.

Quantitative data are used to demonstrate progress against key performance indicators.

A methodology to analyse **qualitative data**, in the form of patient stories, to demonstrate impact and social return on investment has been developed, and results will appear on the dashboard from January 2026.

- Results:** Dashboard is used to:
- demonstrate progress against national and local KPIs to offer a holistic needs assessment (HNA) within 31 days of cancer diagnosis, conversion of HNAs to personalised care and support plans, delivery of treatment summaries and personalised stratified follow-up pathways.
 - demonstrate local KPIs linked to psychosocial support and comprehensive community-based support.
 - identify areas for pathway and service improvement.
 - identify most common patient concerns to inform new project development.
 - identify cohorts of patients at risk of health inequalities and gaps in service to inform targeted project delivery.
 - qualitative data analysis using the ‘Social Value Engine’ will demonstrate wider impact of projects and social return on investment.

Future dissemination: Development in Excel means the LWC Dashboard can be configured and used by other LWC programmes and projects nationally and internationally, and other long-term condition programmes locally, nationally and internationally.