

Transforming healthcare planning with demand and capacity modelling tools

By utilising our advanced demand and capacity modelling tools, clients can achieve significant cost savings, enhance integrated care pathways, and improve patient outcomes and experiences through data-driven planning and resource optimisation.

We have extensive expertise in large-scale engagement and complex data analysis at national, trust, integrated care board (ICB) and regional levels. This comprehensive understanding of the demand challenges faced by trusts enables us to establish a solid foundation for informed and impactful capacity planning across multiple services.

We work closely with clients to gain a clear understanding of their requirements and align the design and delivery of our activities to their needs.

Why choose us?



Single point of contact

We assign a dedicated contact to coordinate expertise from our diverse support teams, ensuring seamless communication and integration.



Adaptable and responsive service

We remain flexible and responsive to ensure our services deliver the best outcome for you and your stakeholders.



Tailored support

We offer a wide range of support options allowing us to customise our services to meet your specific challenges and goals effectively.



Case study:

Enhancing care planning and management through demand and capacity modelling

As George Eliot Trust began its yearly planning, staff saw an opportunity to use data to enhance care and financial operations. NHS Midlands and Lancashire's experts collaborated with various specialties to analyse the trust's data, producing 28 models in two months that highlighted gaps in demand and capacity. These insights will help the trust manage daily services and plan for future capacity to meet population demand and reduce waiting lists.

Feedback:

"We found the team to be very professional bringing expertise with the demand and capacity models, helping us to get to grips with internal data quality issues, which have all been helpfully documented and will form part of our data quality improvement. Timely engagement on knowledge transfer to leave us in a good position to continue to do this essential work. We are hopeful, that this exercise will enable the organisation to continue the demand and capacity reviews more routinely and support service managers to understand their services at these granular levels, delivering improved patient waiting list flow."

Yasmina Gainer, Head of Financial Planning and Costing at George Eliot Hospital NHS Trust

Our approach

Understanding demand through data:

We begin by analysing data to understand current demand levels and patterns, developing an evidence-based foundation for change rooted in your organisation's practice.

Enhanced stakeholder engagement:

We engage stakeholders to define the project scope, incorporating end-users' needs into the final model to ensure strong buy-in before deployment.

Access to best practices:

We leverage insights from a detailed literature review of previous demand and capacity modelling studies. This helps build on established best practices and avoids duplication of efforts.

User-friendly tools:

We create user-friendly tools to help organisations plan services under different scenarios, improving decision-making and resource allocation to focus on patient groups with the greatest needs.

Robust scenario modelling:

We review findings and perform scenario modelling to compare outcomes. Sensitivity analysis ensures our insights are reliable for decision-making.

Process optimisation:

We identify and analyse interconnected relationships within processes to uncover inefficiencies and opportunities for improvement. This helps pinpoint key areas where change can significantly impact productivity and patient outcomes.

Financial clarity:

We provide economic modelling to estimate the costs of support and treatment in various scenarios, clarifying financial implications, aiding in better budgeting and planning.

Informs evidence based decision making:

Our data-driven approach and comprehensive analysis ensure that decision-makers have the insights they need to make informed, evidence-based decisions that align with organisational goals and patient needs.

For more information on our products and services contact us today:

Email: mlcsu.partnerships@nhs.net

mlcsu.co.uk