

How we can help you manage population health (PHM)

Our business intelligence service

Our business intelligence team helps health systems with data-driven population health management (PHM).

PHM helps you deliver the NHS Long Term Plan's aim to move from delivering care that mainly responds when someone becomes unwell to a system of targeted early intervention and prevention. That way, the focus moves from treating illness to having a system wide response to prevent and reduce the impact of illness. The result? A better quality of life, outcomes and experience for local people.

Data and intelligence underpin PHM. We can bring together all of your health system's data from the wider determinants of health to create actionable intelligence. This helps you, as system leaders, identify and meet the needs of unique population groups and individuals.

Wherever you are on your PHM journey of understanding and adoption, we can help you move to the next phase with our tailored, flexible and responsive expert support.

While we'll always be here to provide you with discrete data specifics our PHM support takes you beyond and helps answer the 'why' and 'how to respond'. We can help you deliver true population health!

We provide an end-to-end service including:

- **blending your data with other sources** to provide you with person, PCN, place and neighbourhood-level intelligence. This builds a single, holistic 'version of truth' and avoids data silos and a narrow focus. We can help with data sharing agreements to remove governance barriers
- **profiling and segmenting your blended data** to group similar people together to better understand populations, unwarranted variation, and target focused intervention or redesign. This makes care more cost effective, improves outcomes and delivers on the founding principles of PHM
- **grouping your population into 'cohorts of risk' with similar health challenges.** This includes analysis of population case mix, health risk and poly-morbidity testing the relationships between health factors. This helps discover previously unknown health challenges
- **mining your data for more opportunities** to find patterns of need, demand, deterioration, complexity and expense
- **developing collaborative insights** with you to identify focus areas, triangulate understanding, explore unwarranted variation, generate hypotheses and inform impactability models.

Why choose NHS ML:



We co-create a PHM approach with you that draws on the contributions and capabilities of all your partners. This can include performance metrics, JSNAs, local and frontline intelligence, and integrated datasets - followed by the combined data's visualisation and analysis and means building consensus on how population health management will define working in data-driven ways, systematically.



We already support several complex health systems to develop and embed PHM capabilities and confidence. We have an active PHM knowledge sharing network (KSN) which is a place to bring together experts to develop ideas, knowledge and internal training. Plus, we're linked to all the key PHM networks and thinkers, building an immense body of knowledge and expertise within NHS ML.



We will help improve your health system's sustainability and cost effectiveness, and your residents' outcomes and experience through data-driven decision-making supported by, data visualisation, modelling, risk and pattern detection, and analysis.

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

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