
The CIPHA programme - an approach to ICS population health management.

Reflections from the Cheshire and Merseyside ICS

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Rewired - 2022



**Cheshire and
Merseyside**
Health and Care Partnership

**DIGITAL
REVOLUTION**

COVID response: Combined Intelligence for Population Health Action (CIPHA)

- Intelligence to support COVID response
- A shared COVID-19 data facility
- Continued resilience; smart-release from lock-down including identifying hotspots
- Support for long-term recovery – identifying regional capacity and mutual aid linking NHS, Social Care and Care Homes
- Working alongside academics at University of Liverpool



**DIGITAL
REVOLUTION**

19 NHS provider Trusts, 350 GPs, 9 Local Authorities, 9 CCGs, Ambulance, national data sets (DARS; Acorn, Fingertips, SITREPS, 30 min Pillar2, NIMS extract)

Vaccinations
 Shielded Patients Risk stratification
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 Positive and Negative tests
 Sitrep Local data Mental Health
 Johns Hopkins Health Care
 Smoking Discharges Primary care activity
 Urgent care Covid tracking Insight
 Case finding Transfers Flu
 Test and trace Direct Care Covid SUS data
 Electronic Frailty Index Capacity modelling
 Social Care Death GP Analysis
 Prescribing Demographics ONS
 Health Inequalities Admissions
 Ambulance
 Community NIMS 111 and 999
 Capacity and demand
 Epidemiology Near real time
 Long term conditions
 National Data sources
 Public Health England
 Wider determinants



Timeline – delivery in 90 days

- May 2020 - Established **governance** – board and programme team with workstream leads. Developed **target operating model**
- May – July 2020 - **Engagement** – workshops and meetings: across all COVID-cells; all Health and Social Care Providers
- June 2021 - Robust **Data Sharing** agreement in place . >90% signed July 2020. NHSD DARS data flow (full commissioning data sets)
- June 2021 –Liverpool University research and analytics support (honorary contracts)
- July 2020 – first dashboards provided across CM system



**Common to our
nine places**



**Supported by
population health
data**



**Relevant to the
Long Term Plan**

Our Vision



We want everyone in Cheshire and Merseyside to have a great start in life, and get the support they need to stay healthy and live longer.

Our Mission

We will tackle health inequalities and improve the lives of the poorest fastest. We believe we can do this best by working in partnership.



Our Strategic objectives



Improve population health and healthcare



Tackling health inequality, improving outcomes and access to services



Enhancing quality, productivity and value for money



Helping the NHS to support broader social and economic development.

Leadership - being data driven is not a challenge of technology

It is a challenge of culture,
direction and organisational
leadership

It is based on the willingness
and ambition of partners to
innovate/change.

Trust – the driver of shared data

We need to respect the views of the public and data controllers

Inappropriate language destroys trust eg ‘IG blockers’

The ‘use case’ is the driver – ‘what’s in it for the patient/service user’



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Focus on outcomes

Lead on the ‘why?’ not the ‘what?’ or the ‘how?’

The **transformation** is about the change for people – turning the outcome dials. It is not primarily about technology architecture and tools

Keep it simple - for CIPHA the transformation was simply understood

- Reduce COVID-19 infections
- Save lives