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JO HADLEY

REGIONAL DIGITAL MIDWIFERY LEAD
NHSE, MIDLANDS

Nursing and Midwifery
What Good Looks Like: Case Studies

Jo Hadley

Regional Digital Midwifery Lead, NHSE Midlands

The Midlands in Numbers

One of the largest of the 7 NHSE regions

11 Integrated Care Boards (ICBs)

42 NHS providers	21 maternity services
10.6m population	c.112k births per annum

Midlands is very diverse, including areas like Birmingham which is the UK's second biggest city, and Lincolnshire, which is the second largest English county where the land is predominantly used for agriculture.
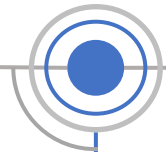
National Digital Progress in Maternity

NHS England Midlands

2017
- Launched the Digital Midwives Expert Reference Group (DMERG)
- Developed a national standard for capturing pregnancy information

2018
- Launched the LMNS Digital Leaders Forum
- Launched women's digital care record project
- Digital Maturity Assessment (local maternity services reports and national report published)
- Maternity Record Standard finalised and professionally endorsed

2019
- 86,902 women offered digital care records in accelerator sites
- Information Standards Notice – Release 1: instructions to adopt the Digital Maternity Record Standard
- Record number of Digital Midwives (over 100) engaged with Reference Group

2020
- Over 150,000 women offered digital care records
- Information Standards Notice Release 2: instructions for maternity interoperability capabilities
- In response to Covid pandemic, uptake of attend anywhere used to support maternity and remote BP monitoring funding and roll out
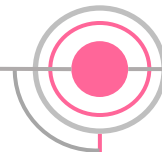
2021
- Launched second Maternity Digital Maturity Assessment (DMA)
- Launched the Maternity UTF fund to level up digital maturity (c50m funding
- Digital Midwives community refresh and rebuild following pandemic

2022
- Discovery work to see how well the current DMRS reflected new models of care in maternity
- Developed a maternity EPR specification
- Launched the Digital Maternity Leadership courses
- Shuri fellowship and FNF for digital midwives established

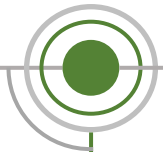# Maternity Incentive Scheme (Year 4)

NHS Resolution

Maternity incentive scheme – year four

Conditions of the scheme

Ten maternity safety actions with technical guidance

By 31st October 2022, Trusts have an up to date digital strategy for their maternity services which aligns with the wider Trust Digital Strategy and reflects the 7 success measures within the What Good Looks Like Framework.

Supported all maternity services in region to develop their digital maternity strategy through:

✓ Development of a strategy template linked to the WGLL benchmarking assessment

✓ Collated a bank of resources to support and guide writing an effective strategy

✓ Shared learning through regional DMERG meetings

✓ Offered voluntary review and feedback of draft strategies during their development

Digital Maternity Roadmap

A strategy for digital transformation in maternity

[Insert year of strategy e.g. 2022-2023]

Our regional approach to WGLL

- Priority to focus as a region on sharing learning between maternity and nursing
  - Only region to support a dedicated Regional Digital Maternity Lead since November 2021
  - Regional Chief Nursing Information Officer (CNIO) appointed in April 2022
  - Collaborative approach led by both professions with their own unique challenges

- Undertook a collective analysis of the WGLL assessments completed across the region – removed the silo working and identified regional and system themes and trends

- Used PowerBI software to visualise the results of the benchmarking assessments carried out across the organisations in region and identify points of interest

- Findings to be used to plan quality improvement projects to support systems and trusts in region and inform our digital work programme

- Collective ownership of the digital priorities to support greater alignment within wider strategies

- Wanted an approach where we could benchmark improvements through future assessments to see what impact future QI projects had overall

NHSE Midlands Maternity & Nursing - What Good Looks Like

Success measures - Regional level
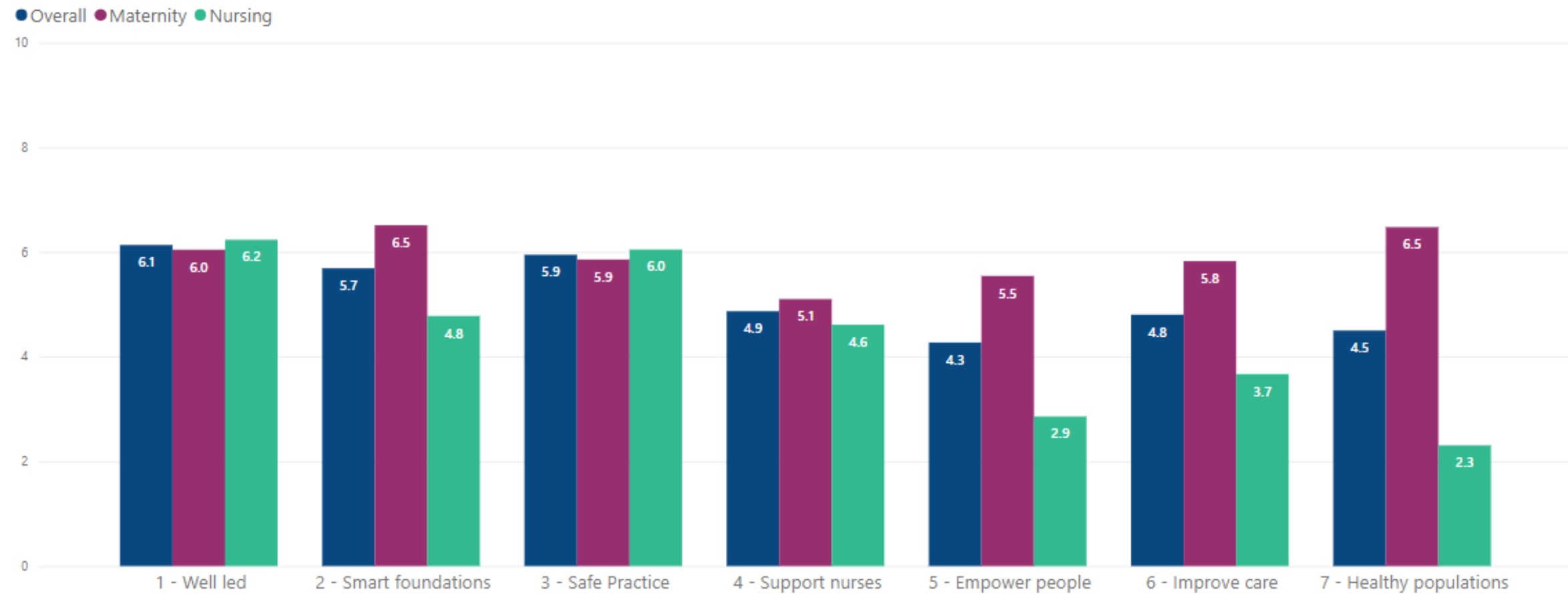
Average scores calculated based on all systems in the Midlands, presented for maternity, nursing, and both areas combined.

Success measures - ICB level

NHSE Midlands Maternity & Nursing - What Good Looks Like

Overall results - Provider and ICB

The tables below show maternity, nursing and overall average scores (all measures) for all ICBs and providers in the Midlands.

ICB name	Maternity	Nursing	Overall Average ▼
Nottinghamshire	7.9	5.6	6.8
Derbyshire	6.0	6.0	6.0
Northamptonshire	7.3	3.9	5.6
Coventry and Warwickshire	7.3	3.8	5.6
Staffordshire and Stoke on Trent	5.3	5.8	5.5
Herefordshire and Worcestershire	6.9	3.2	5.1
Black Country and West Birmingham	5.6	4.2	4.9
Lincolnshire	5.5	3.8	4.7
Birmingham and Solihull	4.2	4.5	4.4
Leicestershire, Leicester and Rutland	3.1		3.1

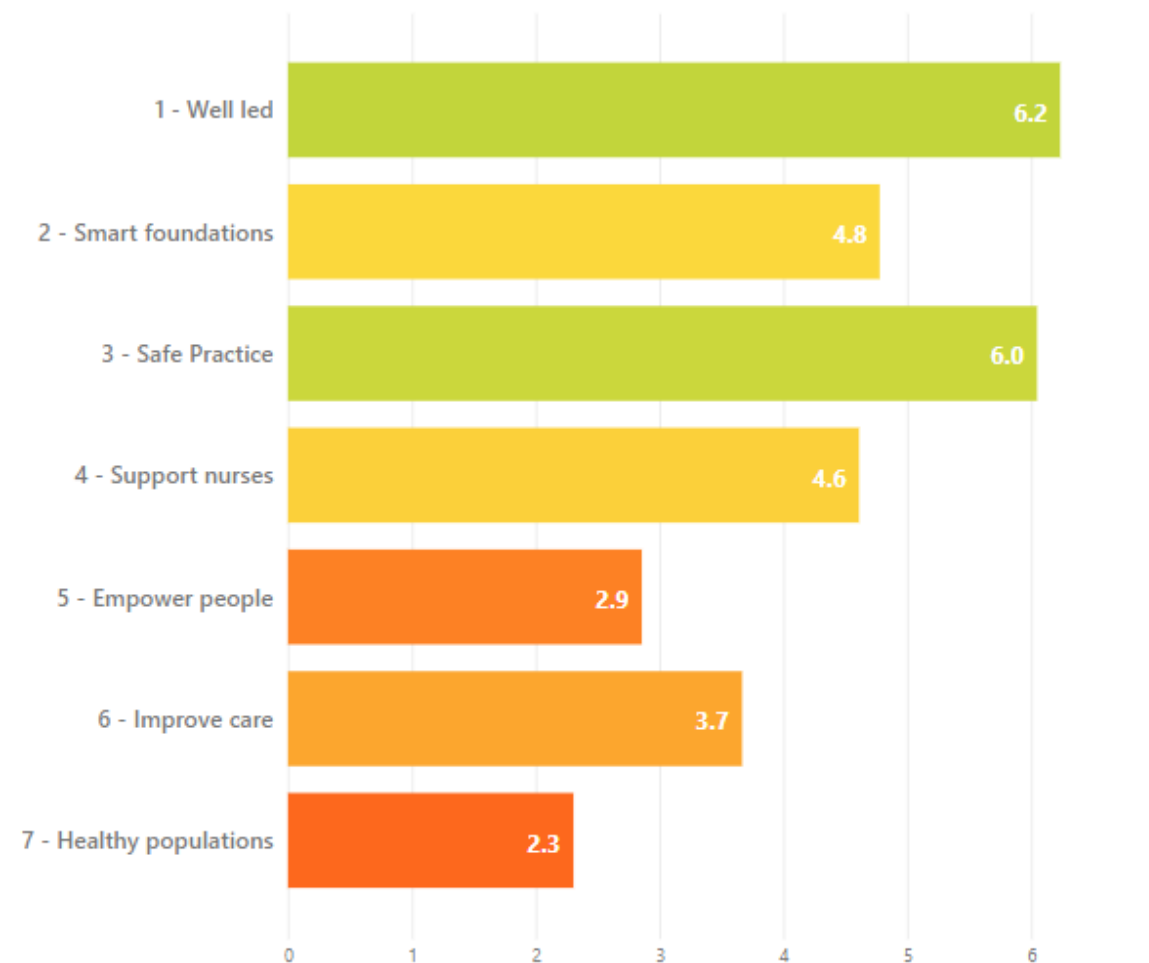| Organisation name	Maternity	Nursing	Overall Average ▼
Derbyshire Healthcare		9.9	9.9
South Warwickshire Foundation Trust	7.6		7.6
Nottingham University Hospital	7.3		7.3
Sherwood Forest Hospital	8.6	5.4	7.0
Chesterfield Royal Hospital	7.4	4.8	6.1
University Hospitals Coventry and Warwickshire	8.2	3.8	6.0
George Eliot Hospital	6.0		6.0
Sandwell and West Birmingham Trust	6.9	5.0	5.9
Midlands Partnership Foundation Trust		5.8	5.8
Nottingham Healthcare		5.7	5.7
Northamptonshire Healthcare		5.7	5.7
Royal Wolverhampton Trust	5.4	5.7	5.5
University Hospitals North Midlands	5.3		5.3
Worcester Acute Hospital Trust	7.3	3.3	5.3
Walsall Healthcare Trust	5.6	4.4	5.0
United Lincolnshire Hospitals Trust	5.5	4.1	4.8
Wye Valley Trust	6.6	3.0	4.8
Northampton General Hospital	7.3	2.1	4.7
Lincolnshire Partnership Foundation Trust		4.7	4.7
Birmingham and Solihull Mental Health Trust		4.5	4.5
University Hospitals Derby and Burton	4.6	3.5	4.1
Dudley Group of Hospitals	5.0	1.9	3.4
University Hospitals Leicester	3.1		3.1

NHSE Midlands Maternity & Nursing - What Good Looks Like

Regional focus

This table shows the questions with high (8 or above) or low (3 or below) scores for the region.

Measure	Baseline Scoring (Oct 22) average
The organisations digital strategy aligns to the ICS strategy	8.1
Nurses can see the impact the data they have generated has on people, supporting a system-wide culture which values robust data collection.	2.9
The nursing voice is included as part of population health management discussions across the ICS and in the development of data intelligence platforms.	2.8
There is consistent system-wide nursing knowledge of local healthcare record accessibility to promote people accessing and contributing to their own care record.	2.7
Nurses work with academic partners and citizens to develop and implement a programme of nurse-led research. This will create new evidence to support the digitally enabled nursing profession.	2.4
Nurses work closely with data analysts and scientists to maximise insights from population health data.	2.1
Nurses and multidisciplinary leaders identify population health data gaps and advocate for their inclusion in the minimum data set.	2.0
Nursing contributes to the organisation's discussion about citizen digital literacy which can be used to inform care delivery.	2.0
Nursing assessments to measure people's digital literacy are incorporated into nursing care, ensuring identification and support for those at risk of digital exclusion.	1.5
Resources provided by the CNO Shared Governance: Collective Leadership programme are used to develop local programmes that improve quality outcomes using data to support accreditation.	1.4
The Digital Literacy Self Assessment Diagnostic tool is used by nurses to support individual self-assessment and continuous improvement.	1.2

Bar chart:
- 1 - Well led: 6.2
- 2 - Smart foundations: 4.8
- 3 - Safe Practice: 6.0
- 4 - Support nurses: 4.6
- 5 - Empower people: 2.9
- 6 - Improve care: 3.7
- 7 - Healthy populations: 2.3
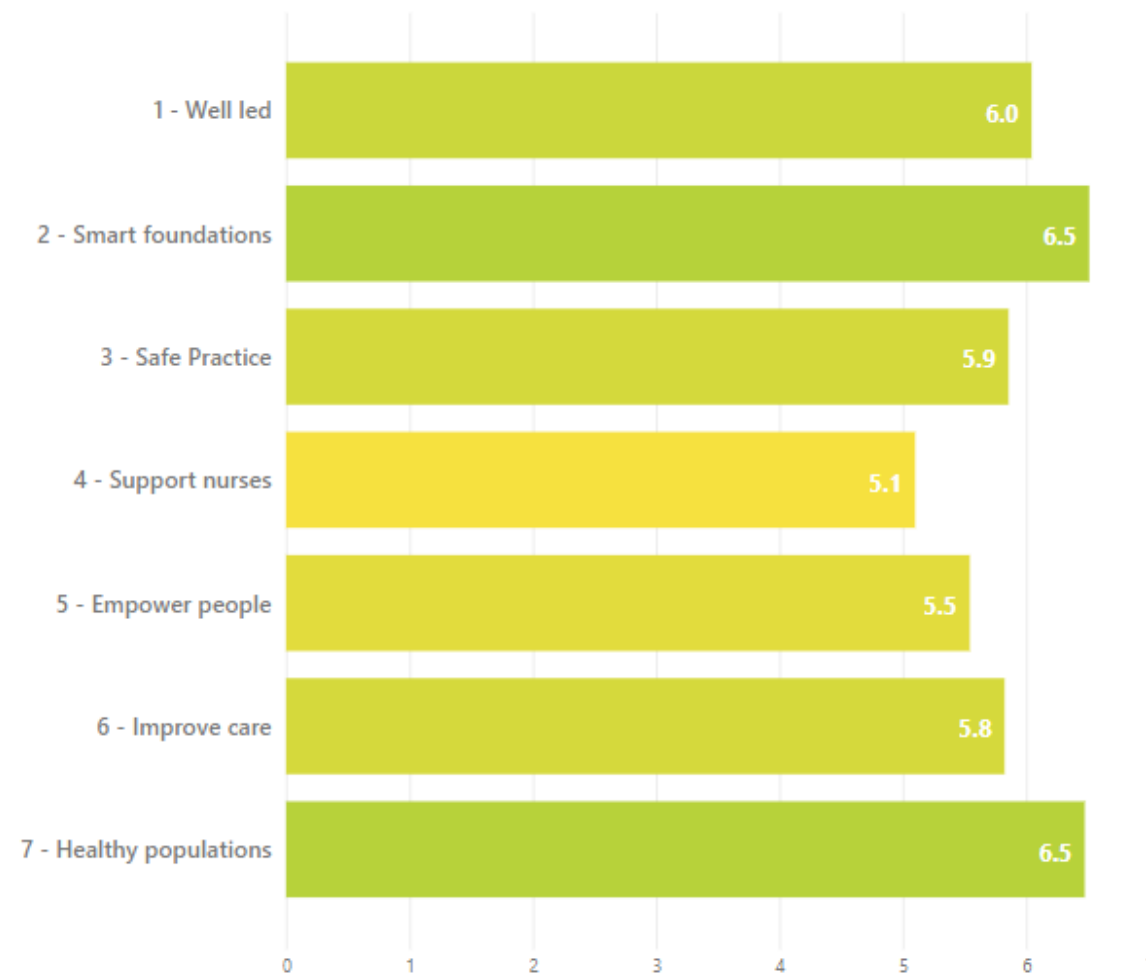
NHSE Midlands Maternity & Nursing - What Good Looks Like

Regional focus

This table shows the questions with high (8 or above) or low (3 or below) scores for the region.

Measure	Baseline Scoring (Oct 22) average
There is a digital midwifery /and neonatal leader with accountability across the midwifery workforce for digital transformation.	8.8
Digital clinical content, which has had maternity input, is approved through the existing maternity governance structure in organisations.	8.6
Midwives and maternity teams are supported to identify, escalate and address clinical risks and incidents related to digitally enabled care through the governance process in the organisation.	8.1
Midwives and maternity teams are trained to be knowledgeable and proactive about information security and digital clinical safety.	8.1
The Digital Literacy Self Assessment Diagnostic tool is used by midwives and maternity teams to support individual self-assessment and continuous improvement.	2.8

Category	Score
1 - Well led	6.0
2 - Smart foundations	6.5
3 - Safe Practice	5.9
4 - Support nurses	5.1
5 - Empower people	5.5
6 - Improve care	5.8
7 - Healthy populations	6.5

DMA (maternity) Comparison

ICB name	WGLL 2022	DMA 2021	
1 - Well led	4.3	8.00	▼
2 - Smart foundations	6.3	9.00	▼
3 - Safe Practice	2.0	7.67	▼
4 - Support nurses	0.7	7.50	▼
5 - Empower people	6.7	8.77	▼
7 - Healthy populations	6.0	10.00	▼

What have we learnt?

- Maternity significantly more digitally mature than nursing in region – linked primarily to the embedding of the digital priorities into the maternity transformation programme and the benefits that has brought. How can we learn from this?

- Success measures 5 (empowering people) and 7 (healthy populations) are the least mature overall regionally and across nursing.
  - Health populations is one of the most mature measures in maternity – due primarily to embedded data principles (SNOMED) and PRSB standards and leadership role of digital midwives in the development of data intelligence?
  - Programme of quality improvement required to support a regional approach in these areas? For example citizen involvement and awareness of regional insights from population health data.

- Bespoke leadership support required for those systems who are least mature and are falling behind other systems in region. What can we do to reduce digital maturity disparities across the systems?

- The following specific measures need our regional focus?
  - Digital literacy self assessment across N&M
  - Collective N&M leadership programme

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